

 ANALYTICAL REPORT**PREPARED FOR**

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Generated 10/14/2025

JOB DESCRIPTION

2025 Comprehensive Sampling

JOB NUMBER

410-244867-1

Eurofins Lancaster Laboratories Environment Testing, LLC

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
10/14/2025

Authorized for release by
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Definitions/Glossary

Client: Verdantas

Job ID: 410-244867-1

Project/Site: 2025 Comprehensive Sampling

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^c	CCV Recovery is outside acceptance limits.
cn	Refer to Case Narrative for further detail
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
410-244867-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 10/1/2025 7:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-711952 recovered above the upper control limit for 1,1,2,2-Tetrachloroethane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-712734 recovered outside acceptance criteria, low biased, for Acetone. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-712734 recovered above the upper control limit for 2-Hexanone and 4-Methyl-2-pentanone (MIBK). Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-713392 recovered above the upper control limit for 1,1,1,2-Tetrachloroethane, Acetone, Bromochloromethane, Bromoform, Carbon disulfide, Carbon tetrachloride and Dibromochloromethane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed on 410-713392 is compliant under 8260C/D method criteria for Bromomethane. The software does not display the % Drift data to the whole number as is listed in the method (i.e. limit of 20%). When applying the evaluation to a whole number, the check passes the criteria with a value of 20% Drift.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Client Sample ID: HD-CW-1A-0/1-0

Lab Sample ID: 410-244867-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.9		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	26		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-67S-0/1-0

Lab Sample ID: 410-244867-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	5.9		1.0	0.30	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	1.5		1.0	0.30	ug/L	1		8260D	Total/NA
Chloroform	1.2		1.0	0.30	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.51	J	1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	1.7		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	1.6		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-QC2-0/1-1

Lab Sample ID: 410-244867-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.36	J	1.0	0.30	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.31	J	1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	1.9		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	25		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW67D-0/1-0

Lab Sample ID: 410-244867-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.4		1.0	0.30	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.34	J	1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	0.88	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-QC2-0/1-3

Lab Sample ID: 410-244867-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.9	J ^c cn	20	0.70	ug/L	1		8260D	Total/NA

Client Sample ID: HD-QC2-0/1-4

Lab Sample ID: 410-244867-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.1	J ^c cn	20	0.70	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-12-0/1-0

Lab Sample ID: 410-244867-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	74		1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	3.2		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	58		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-18S-0/1-0

Lab Sample ID: 410-244867-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.30	J	5.0	0.30	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	9.4		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	1.2		1.0	0.30	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

Detection Summary

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Client Sample ID: HD-MW-20S-0/1-0

Lab Sample ID: 410-244867-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.52	J	1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	2.5		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	7.1		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-CW-2-0/1-0

Lab Sample ID: 410-244867-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.0		1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.88	J	1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	3.7		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-16S-0/1-0

Lab Sample ID: 410-244867-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.0		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	14		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-9-0/1-0

Lab Sample ID: 410-244867-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	18		1.0	0.30	ug/L	1		8260D	Total/NA
Vinyl chloride	0.44	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-QC2-0/1-2

Lab Sample ID: 410-244867-13

No Detections.

Client Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Client Sample ID: HD-CW-1A-0/1-0

Lab Sample ID: 410-244867-1

Date Collected: 09/30/25 11:50

Matrix: Water

Date Received: 10/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/13/25 00:12	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/13/25 00:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/13/25 00:12	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/13/25 00:12	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/13/25 00:12	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/13/25 00:12	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/13/25 00:12	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/13/25 00:12	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/13/25 00:12	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/13/25 00:12	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			10/13/25 00:12	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			10/13/25 00:12	1
Acetone	ND	^c cn	20	0.70	ug/L			10/13/25 00:12	1
Benzene	ND		1.0	0.30	ug/L			10/13/25 00:12	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/13/25 00:12	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/13/25 00:12	1
Bromoform	ND		4.0	1.0	ug/L			10/13/25 00:12	1
Bromomethane	ND		1.0	0.30	ug/L			10/13/25 00:12	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/13/25 00:12	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/13/25 00:12	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/13/25 00:12	1
Chloroethane	ND		1.0	0.30	ug/L			10/13/25 00:12	1
Chloroform	ND		1.0	0.30	ug/L			10/13/25 00:12	1
Chloromethane	ND		2.0	0.55	ug/L			10/13/25 00:12	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/13/25 00:12	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/13/25 00:12	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/13/25 00:12	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/13/25 00:12	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/13/25 00:12	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/13/25 00:12	1
Styrene	ND		5.0	0.30	ug/L			10/13/25 00:12	1
Tetrachloroethene	1.9		1.0	0.30	ug/L			10/13/25 00:12	1
Toluene	ND		1.0	0.30	ug/L			10/13/25 00:12	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/13/25 00:12	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/13/25 00:12	1
Trichloroethene	26		1.0	0.30	ug/L			10/13/25 00:12	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/13/25 00:12	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/13/25 00:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		80 - 120		10/13/25 00:12	1
4-Bromofluorobenzene (Surr)	90		80 - 120		10/13/25 00:12	1
Dibromofluoromethane (Surr)	117		80 - 120		10/13/25 00:12	1
Toluene-d8 (Surr)	97		80 - 120		10/13/25 00:12	1

Client Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Client Sample ID: HD-MW-67S-0/1-0

Lab Sample ID: 410-244867-2

Date Collected: 09/30/25 13:35

Matrix: Water

Date Received: 10/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/13/25 03:13	1
1,1,1-Trichloroethane	5.9		1.0	0.30	ug/L			10/13/25 03:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/13/25 03:13	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/13/25 03:13	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/13/25 03:13	1
1,1-Dichloroethene	1.5		1.0	0.30	ug/L			10/13/25 03:13	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/13/25 03:13	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/13/25 03:13	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/13/25 03:13	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/13/25 03:13	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			10/13/25 03:13	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			10/13/25 03:13	1
Acetone	ND	^c cn	20	0.70	ug/L			10/13/25 03:13	1
Benzene	ND		1.0	0.30	ug/L			10/13/25 03:13	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/13/25 03:13	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/13/25 03:13	1
Bromoform	ND		4.0	1.0	ug/L			10/13/25 03:13	1
Bromomethane	ND		1.0	0.30	ug/L			10/13/25 03:13	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/13/25 03:13	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/13/25 03:13	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/13/25 03:13	1
Chloroethane	ND		1.0	0.30	ug/L			10/13/25 03:13	1
Chloroform	1.2		1.0	0.30	ug/L			10/13/25 03:13	1
Chloromethane	ND		2.0	0.55	ug/L			10/13/25 03:13	1
cis-1,2-Dichloroethene	0.51	J	1.0	0.30	ug/L			10/13/25 03:13	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/13/25 03:13	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/13/25 03:13	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/13/25 03:13	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/13/25 03:13	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/13/25 03:13	1
Styrene	ND		5.0	0.30	ug/L			10/13/25 03:13	1
Tetrachloroethene	1.7		1.0	0.30	ug/L			10/13/25 03:13	1
Toluene	ND		1.0	0.30	ug/L			10/13/25 03:13	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/13/25 03:13	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/13/25 03:13	1
Trichloroethene	1.6		1.0	0.30	ug/L			10/13/25 03:13	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/13/25 03:13	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/13/25 03:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		80 - 120		10/13/25 03:13	1
4-Bromofluorobenzene (Surr)	88		80 - 120		10/13/25 03:13	1
Dibromofluoromethane (Surr)	120		80 - 120		10/13/25 03:13	1
Toluene-d8 (Surr)	93		80 - 120		10/13/25 03:13	1

Client Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Client Sample ID: HD-QC2-0/1-1

Lab Sample ID: 410-244867-3

Date Collected: 09/30/25 08:00

Matrix: Water

Date Received: 10/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/13/25 00:35	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/13/25 00:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/13/25 00:35	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/13/25 00:35	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/13/25 00:35	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/13/25 00:35	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/13/25 00:35	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/13/25 00:35	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/13/25 00:35	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/13/25 00:35	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			10/13/25 00:35	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			10/13/25 00:35	1
Acetone	ND	^c cn	20	0.70	ug/L			10/13/25 00:35	1
Benzene	ND		1.0	0.30	ug/L			10/13/25 00:35	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/13/25 00:35	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/13/25 00:35	1
Bromoform	ND		4.0	1.0	ug/L			10/13/25 00:35	1
Bromomethane	ND		1.0	0.30	ug/L			10/13/25 00:35	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/13/25 00:35	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/13/25 00:35	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/13/25 00:35	1
Chloroethane	ND		1.0	0.30	ug/L			10/13/25 00:35	1
Chloroform	0.36	J	1.0	0.30	ug/L			10/13/25 00:35	1
Chloromethane	ND		2.0	0.55	ug/L			10/13/25 00:35	1
cis-1,2-Dichloroethene	0.31	J	1.0	0.30	ug/L			10/13/25 00:35	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/13/25 00:35	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/13/25 00:35	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/13/25 00:35	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/13/25 00:35	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/13/25 00:35	1
Styrene	ND		5.0	0.30	ug/L			10/13/25 00:35	1
Tetrachloroethene	1.9		1.0	0.30	ug/L			10/13/25 00:35	1
Toluene	ND		1.0	0.30	ug/L			10/13/25 00:35	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/13/25 00:35	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/13/25 00:35	1
Trichloroethene	25		1.0	0.30	ug/L			10/13/25 00:35	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/13/25 00:35	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/13/25 00:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		80 - 120		10/13/25 00:35	1
4-Bromofluorobenzene (Surr)	90		80 - 120		10/13/25 00:35	1
Dibromofluoromethane (Surr)	117		80 - 120		10/13/25 00:35	1
Toluene-d8 (Surr)	96		80 - 120		10/13/25 00:35	1

Client Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Client Sample ID: HD-MW67D-0/1-0

Lab Sample ID: 410-244867-4

Date Collected: 09/30/25 14:22

Matrix: Water

Date Received: 10/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/13/25 00:57	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/13/25 00:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/13/25 00:57	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/13/25 00:57	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/13/25 00:57	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/13/25 00:57	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/13/25 00:57	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/13/25 00:57	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/13/25 00:57	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/13/25 00:57	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			10/13/25 00:57	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			10/13/25 00:57	1
Acetone	ND	^c cn	20	0.70	ug/L			10/13/25 00:57	1
Benzene	ND		1.0	0.30	ug/L			10/13/25 00:57	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/13/25 00:57	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/13/25 00:57	1
Bromoform	ND		4.0	1.0	ug/L			10/13/25 00:57	1
Bromomethane	ND		1.0	0.30	ug/L			10/13/25 00:57	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/13/25 00:57	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/13/25 00:57	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/13/25 00:57	1
Chloroethane	ND		1.0	0.30	ug/L			10/13/25 00:57	1
Chloroform	1.4		1.0	0.30	ug/L			10/13/25 00:57	1
Chloromethane	ND		2.0	0.55	ug/L			10/13/25 00:57	1
cis-1,2-Dichloroethene	0.34	J	1.0	0.30	ug/L			10/13/25 00:57	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/13/25 00:57	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/13/25 00:57	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/13/25 00:57	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/13/25 00:57	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/13/25 00:57	1
Styrene	ND		5.0	0.30	ug/L			10/13/25 00:57	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/13/25 00:57	1
Toluene	ND		1.0	0.30	ug/L			10/13/25 00:57	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/13/25 00:57	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/13/25 00:57	1
Trichloroethene	0.88	J	1.0	0.30	ug/L			10/13/25 00:57	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/13/25 00:57	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/13/25 00:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		80 - 120		10/13/25 00:57	1
4-Bromofluorobenzene (Surr)	89		80 - 120		10/13/25 00:57	1
Dibromofluoromethane (Surr)	116		80 - 120		10/13/25 00:57	1
Toluene-d8 (Surr)	96		80 - 120		10/13/25 00:57	1

Client Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Client Sample ID: HD-QC2-0/1-3

Lab Sample ID: 410-244867-5

Date Collected: 09/30/25 14:40

Matrix: Water

Date Received: 10/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/12/25 23:49	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/12/25 23:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/12/25 23:49	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/12/25 23:49	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/12/25 23:49	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/12/25 23:49	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/12/25 23:49	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/12/25 23:49	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/12/25 23:49	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/12/25 23:49	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			10/12/25 23:49	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			10/12/25 23:49	1
Acetone	2.9	J ^c cn	20	0.70	ug/L			10/12/25 23:49	1
Benzene	ND		1.0	0.30	ug/L			10/12/25 23:49	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/12/25 23:49	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/12/25 23:49	1
Bromoform	ND		4.0	1.0	ug/L			10/12/25 23:49	1
Bromomethane	ND		1.0	0.30	ug/L			10/12/25 23:49	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/12/25 23:49	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/12/25 23:49	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/12/25 23:49	1
Chloroethane	ND		1.0	0.30	ug/L			10/12/25 23:49	1
Chloroform	ND		1.0	0.30	ug/L			10/12/25 23:49	1
Chloromethane	ND		2.0	0.55	ug/L			10/12/25 23:49	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/12/25 23:49	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/12/25 23:49	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/12/25 23:49	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/12/25 23:49	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/12/25 23:49	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/12/25 23:49	1
Styrene	ND		5.0	0.30	ug/L			10/12/25 23:49	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/12/25 23:49	1
Toluene	ND		1.0	0.30	ug/L			10/12/25 23:49	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/12/25 23:49	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/12/25 23:49	1
Trichloroethene	ND		1.0	0.30	ug/L			10/12/25 23:49	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/12/25 23:49	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/12/25 23:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		80 - 120		10/12/25 23:49	1
4-Bromofluorobenzene (Surr)	90		80 - 120		10/12/25 23:49	1
Dibromofluoromethane (Surr)	116		80 - 120		10/12/25 23:49	1
Toluene-d8 (Surr)	96		80 - 120		10/12/25 23:49	1

Client Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Client Sample ID: HD-QC2-0/1-4

Lab Sample ID: 410-244867-6

Date Collected: 09/30/25 14:35

Matrix: Water

Date Received: 10/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/12/25 23:26	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/12/25 23:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/12/25 23:26	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/12/25 23:26	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/12/25 23:26	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/12/25 23:26	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/12/25 23:26	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/12/25 23:26	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/12/25 23:26	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/12/25 23:26	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			10/12/25 23:26	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			10/12/25 23:26	1
Acetone	3.1	J ^c cn	20	0.70	ug/L			10/12/25 23:26	1
Benzene	ND		1.0	0.30	ug/L			10/12/25 23:26	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/12/25 23:26	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/12/25 23:26	1
Bromoform	ND		4.0	1.0	ug/L			10/12/25 23:26	1
Bromomethane	ND		1.0	0.30	ug/L			10/12/25 23:26	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/12/25 23:26	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/12/25 23:26	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/12/25 23:26	1
Chloroethane	ND		1.0	0.30	ug/L			10/12/25 23:26	1
Chloroform	ND		1.0	0.30	ug/L			10/12/25 23:26	1
Chloromethane	ND		2.0	0.55	ug/L			10/12/25 23:26	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/12/25 23:26	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/12/25 23:26	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/12/25 23:26	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/12/25 23:26	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/12/25 23:26	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/12/25 23:26	1
Styrene	ND		5.0	0.30	ug/L			10/12/25 23:26	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/12/25 23:26	1
Toluene	ND		1.0	0.30	ug/L			10/12/25 23:26	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/12/25 23:26	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/12/25 23:26	1
Trichloroethene	ND		1.0	0.30	ug/L			10/12/25 23:26	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/12/25 23:26	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/12/25 23:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		80 - 120		10/12/25 23:26	1
4-Bromofluorobenzene (Surr)	91		80 - 120		10/12/25 23:26	1
Dibromofluoromethane (Surr)	115		80 - 120		10/12/25 23:26	1
Toluene-d8 (Surr)	94		80 - 120		10/12/25 23:26	1

Client Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Client Sample ID: HD-MW-12-0/1-0

Lab Sample ID: 410-244867-7

Date Collected: 09/30/25 15:00

Matrix: Water

Date Received: 10/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/13/25 01:20	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/13/25 01:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/13/25 01:20	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/13/25 01:20	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/13/25 01:20	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/13/25 01:20	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/13/25 01:20	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/13/25 01:20	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/13/25 01:20	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/13/25 01:20	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			10/13/25 01:20	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			10/13/25 01:20	1
Acetone	ND	^c cn	20	0.70	ug/L			10/13/25 01:20	1
Benzene	ND		1.0	0.30	ug/L			10/13/25 01:20	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/13/25 01:20	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/13/25 01:20	1
Bromoform	ND		4.0	1.0	ug/L			10/13/25 01:20	1
Bromomethane	ND		1.0	0.30	ug/L			10/13/25 01:20	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/13/25 01:20	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/13/25 01:20	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/13/25 01:20	1
Chloroethane	ND		1.0	0.30	ug/L			10/13/25 01:20	1
Chloroform	ND		1.0	0.30	ug/L			10/13/25 01:20	1
Chloromethane	ND		2.0	0.55	ug/L			10/13/25 01:20	1
cis-1,2-Dichloroethene	74		1.0	0.30	ug/L			10/13/25 01:20	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/13/25 01:20	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/13/25 01:20	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/13/25 01:20	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/13/25 01:20	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/13/25 01:20	1
Styrene	ND		5.0	0.30	ug/L			10/13/25 01:20	1
Tetrachloroethene	3.2		1.0	0.30	ug/L			10/13/25 01:20	1
Toluene	ND		1.0	0.30	ug/L			10/13/25 01:20	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/13/25 01:20	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/13/25 01:20	1
Trichloroethene	58		1.0	0.30	ug/L			10/13/25 01:20	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/13/25 01:20	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/13/25 01:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		80 - 120		10/13/25 01:20	1
4-Bromofluorobenzene (Surr)	89		80 - 120		10/13/25 01:20	1
Dibromofluoromethane (Surr)	119		80 - 120		10/13/25 01:20	1
Toluene-d8 (Surr)	96		80 - 120		10/13/25 01:20	1

Client Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Client Sample ID: HD-MW-18S-0/1-0

Lab Sample ID: 410-244867-8

Date Collected: 09/30/25 15:20

Matrix: Water

Date Received: 10/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/13/25 01:43	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/13/25 01:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/13/25 01:43	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/13/25 01:43	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/13/25 01:43	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/13/25 01:43	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/13/25 01:43	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/13/25 01:43	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/13/25 01:43	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/13/25 01:43	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			10/13/25 01:43	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			10/13/25 01:43	1
Acetone	ND	^c cn	20	0.70	ug/L			10/13/25 01:43	1
Benzene	ND		1.0	0.30	ug/L			10/13/25 01:43	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/13/25 01:43	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/13/25 01:43	1
Bromoform	ND		4.0	1.0	ug/L			10/13/25 01:43	1
Bromomethane	ND		1.0	0.30	ug/L			10/13/25 01:43	1
Carbon disulfide	0.30	J	5.0	0.30	ug/L			10/13/25 01:43	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/13/25 01:43	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/13/25 01:43	1
Chloroethane	ND		1.0	0.30	ug/L			10/13/25 01:43	1
Chloroform	ND		1.0	0.30	ug/L			10/13/25 01:43	1
Chloromethane	ND		2.0	0.55	ug/L			10/13/25 01:43	1
cis-1,2-Dichloroethene	9.4		1.0	0.30	ug/L			10/13/25 01:43	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/13/25 01:43	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/13/25 01:43	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/13/25 01:43	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/13/25 01:43	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/13/25 01:43	1
Styrene	ND		5.0	0.30	ug/L			10/13/25 01:43	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/13/25 01:43	1
Toluene	ND		1.0	0.30	ug/L			10/13/25 01:43	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/13/25 01:43	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/13/25 01:43	1
Trichloroethene	1.2		1.0	0.30	ug/L			10/13/25 01:43	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/13/25 01:43	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/13/25 01:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		80 - 120		10/13/25 01:43	1
4-Bromofluorobenzene (Surr)	88		80 - 120		10/13/25 01:43	1
Dibromofluoromethane (Surr)	120		80 - 120		10/13/25 01:43	1
Toluene-d8 (Surr)	94		80 - 120		10/13/25 01:43	1

Client Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Client Sample ID: HD-MW-20S-0/1-0

Lab Sample ID: 410-244867-9

Date Collected: 09/30/25 08:50

Matrix: Water

Date Received: 10/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/13/25 14:25	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/13/25 14:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/13/25 14:25	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/13/25 14:25	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/13/25 14:25	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/13/25 14:25	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/13/25 14:25	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/13/25 14:25	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/13/25 14:25	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/13/25 14:25	1
2-Hexanone	ND		10	0.85	ug/L			10/13/25 14:25	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/13/25 14:25	1
Acetone	ND		20	0.70	ug/L			10/13/25 14:25	1
Benzene	ND		1.0	0.30	ug/L			10/13/25 14:25	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/13/25 14:25	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/13/25 14:25	1
Bromoform	ND		4.0	1.0	ug/L			10/13/25 14:25	1
Bromomethane	ND		1.0	0.30	ug/L			10/13/25 14:25	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/13/25 14:25	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/13/25 14:25	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/13/25 14:25	1
Chloroethane	ND		1.0	0.30	ug/L			10/13/25 14:25	1
Chloroform	0.52	J	1.0	0.30	ug/L			10/13/25 14:25	1
Chloromethane	ND		2.0	0.55	ug/L			10/13/25 14:25	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/13/25 14:25	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/13/25 14:25	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/13/25 14:25	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/13/25 14:25	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/13/25 14:25	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/13/25 14:25	1
Styrene	ND		5.0	0.30	ug/L			10/13/25 14:25	1
Tetrachloroethene	2.5		1.0	0.30	ug/L			10/13/25 14:25	1
Toluene	ND		1.0	0.30	ug/L			10/13/25 14:25	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/13/25 14:25	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/13/25 14:25	1
Trichloroethene	7.1		1.0	0.30	ug/L			10/13/25 14:25	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/13/25 14:25	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/13/25 14:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		80 - 120		10/13/25 14:25	1
4-Bromofluorobenzene (Surr)	97		80 - 120		10/13/25 14:25	1
Dibromofluoromethane (Surr)	111		80 - 120		10/13/25 14:25	1
Toluene-d8 (Surr)	101		80 - 120		10/13/25 14:25	1

Client Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Client Sample ID: HD-CW-2-0/1-0

Lab Sample ID: 410-244867-10

Date Collected: 09/30/25 12:32

Matrix: Water

Date Received: 10/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/13/25 02:28	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/13/25 02:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/13/25 02:28	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/13/25 02:28	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/13/25 02:28	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/13/25 02:28	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/13/25 02:28	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/13/25 02:28	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/13/25 02:28	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/13/25 02:28	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			10/13/25 02:28	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			10/13/25 02:28	1
Acetone	ND	^c cn	20	0.70	ug/L			10/13/25 02:28	1
Benzene	ND		1.0	0.30	ug/L			10/13/25 02:28	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/13/25 02:28	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/13/25 02:28	1
Bromoform	ND		4.0	1.0	ug/L			10/13/25 02:28	1
Bromomethane	ND		1.0	0.30	ug/L			10/13/25 02:28	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/13/25 02:28	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/13/25 02:28	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/13/25 02:28	1
Chloroethane	ND		1.0	0.30	ug/L			10/13/25 02:28	1
Chloroform	ND		1.0	0.30	ug/L			10/13/25 02:28	1
Chloromethane	ND		2.0	0.55	ug/L			10/13/25 02:28	1
cis-1,2-Dichloroethene	1.0		1.0	0.30	ug/L			10/13/25 02:28	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/13/25 02:28	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/13/25 02:28	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/13/25 02:28	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/13/25 02:28	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/13/25 02:28	1
Styrene	ND		5.0	0.30	ug/L			10/13/25 02:28	1
Tetrachloroethene	0.88	J	1.0	0.30	ug/L			10/13/25 02:28	1
Toluene	ND		1.0	0.30	ug/L			10/13/25 02:28	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/13/25 02:28	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/13/25 02:28	1
Trichloroethene	3.7		1.0	0.30	ug/L			10/13/25 02:28	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/13/25 02:28	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/13/25 02:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		80 - 120		10/13/25 02:28	1
4-Bromofluorobenzene (Surr)	90		80 - 120		10/13/25 02:28	1
Dibromofluoromethane (Surr)	118		80 - 120		10/13/25 02:28	1
Toluene-d8 (Surr)	96		80 - 120		10/13/25 02:28	1

Client Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Client Sample ID: HD-MW-16S-0/1-0

Lab Sample ID: 410-244867-11

Date Collected: 09/30/25 13:10

Matrix: Water

Date Received: 10/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND	^c cn	1.0	0.30	ug/L			10/14/25 05:09	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/14/25 05:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/14/25 05:09	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/14/25 05:09	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/14/25 05:09	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/14/25 05:09	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/14/25 05:09	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/14/25 05:09	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/14/25 05:09	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/14/25 05:09	1
2-Hexanone	ND		10	0.85	ug/L			10/14/25 05:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/14/25 05:09	1
Acetone	ND	^c cn	20	0.70	ug/L			10/14/25 05:09	1
Benzene	ND		1.0	0.30	ug/L			10/14/25 05:09	1
Bromochloromethane	ND	^c cn	5.0	0.20	ug/L			10/14/25 05:09	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/14/25 05:09	1
Bromoform	ND	^c cn	4.0	1.0	ug/L			10/14/25 05:09	1
Bromomethane	ND	cn	1.0	0.30	ug/L			10/14/25 05:09	1
Carbon disulfide	ND	^c cn	5.0	0.30	ug/L			10/14/25 05:09	1
Carbon tetrachloride	ND	^c cn	1.0	0.30	ug/L			10/14/25 05:09	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/14/25 05:09	1
Chloroethane	ND		1.0	0.30	ug/L			10/14/25 05:09	1
Chloroform	ND		1.0	0.30	ug/L			10/14/25 05:09	1
Chloromethane	ND		2.0	0.55	ug/L			10/14/25 05:09	1
cis-1,2-Dichloroethene	5.0		1.0	0.30	ug/L			10/14/25 05:09	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/14/25 05:09	1
Dibromochloromethane	ND	^c cn	1.0	0.20	ug/L			10/14/25 05:09	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/14/25 05:09	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/14/25 05:09	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/14/25 05:09	1
Styrene	ND		5.0	0.30	ug/L			10/14/25 05:09	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/14/25 05:09	1
Toluene	ND		1.0	0.30	ug/L			10/14/25 05:09	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/14/25 05:09	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/14/25 05:09	1
Trichloroethene	14		1.0	0.30	ug/L			10/14/25 05:09	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/14/25 05:09	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/14/25 05:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		80 - 120		10/14/25 05:09	1
4-Bromofluorobenzene (Surr)	86		80 - 120		10/14/25 05:09	1
Dibromofluoromethane (Surr)	118		80 - 120		10/14/25 05:09	1
Toluene-d8 (Surr)	90		80 - 120		10/14/25 05:09	1

Client Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Client Sample ID: HD-MW-9-0/1-0

Lab Sample ID: 410-244867-12

Date Collected: 09/29/25 14:30

Matrix: Water

Date Received: 10/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/10/25 13:16	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/10/25 13:16	1
1,1,2,2-Tetrachloroethane	ND	^c ** cn	1.0	0.30	ug/L			10/10/25 13:16	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/10/25 13:16	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/10/25 13:16	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/10/25 13:16	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/10/25 13:16	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/10/25 13:16	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/10/25 13:16	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/10/25 13:16	1
2-Hexanone	ND		10	0.85	ug/L			10/10/25 13:16	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/10/25 13:16	1
Acetone	ND		20	0.70	ug/L			10/10/25 13:16	1
Benzene	ND		1.0	0.30	ug/L			10/10/25 13:16	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/10/25 13:16	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/10/25 13:16	1
Bromoform	ND		4.0	1.0	ug/L			10/10/25 13:16	1
Bromomethane	ND		1.0	0.30	ug/L			10/10/25 13:16	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/10/25 13:16	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/10/25 13:16	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/10/25 13:16	1
Chloroethane	ND		1.0	0.30	ug/L			10/10/25 13:16	1
Chloroform	ND		1.0	0.30	ug/L			10/10/25 13:16	1
Chloromethane	ND		2.0	0.55	ug/L			10/10/25 13:16	1
cis-1,2-Dichloroethene	18		1.0	0.30	ug/L			10/10/25 13:16	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/10/25 13:16	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/10/25 13:16	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/10/25 13:16	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/10/25 13:16	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/10/25 13:16	1
Styrene	ND		5.0	0.30	ug/L			10/10/25 13:16	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/10/25 13:16	1
Toluene	ND		1.0	0.30	ug/L			10/10/25 13:16	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/10/25 13:16	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/10/25 13:16	1
Trichloroethene	ND		1.0	0.30	ug/L			10/10/25 13:16	1
Vinyl chloride	0.44	J	1.0	0.30	ug/L			10/10/25 13:16	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/10/25 13:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		80 - 120		10/10/25 13:16	1
4-Bromofluorobenzene (Surr)	103		80 - 120		10/10/25 13:16	1
Dibromofluoromethane (Surr)	95		80 - 120		10/10/25 13:16	1
Toluene-d8 (Surr)	106		80 - 120		10/10/25 13:16	1

Client Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Client Sample ID: HD-QC2-0/1-2

Lab Sample ID: 410-244867-13

Date Collected: 09/29/25 00:00

Matrix: Water

Date Received: 10/01/25 19:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/10/25 13:36	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/10/25 13:36	1
1,1,2,2-Tetrachloroethane	ND	^c *+ cn	1.0	0.30	ug/L			10/10/25 13:36	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/10/25 13:36	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/10/25 13:36	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/10/25 13:36	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/10/25 13:36	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/10/25 13:36	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/10/25 13:36	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/10/25 13:36	1
2-Hexanone	ND		10	0.85	ug/L			10/10/25 13:36	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/10/25 13:36	1
Acetone	ND		20	0.70	ug/L			10/10/25 13:36	1
Benzene	ND		1.0	0.30	ug/L			10/10/25 13:36	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/10/25 13:36	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/10/25 13:36	1
Bromoform	ND		4.0	1.0	ug/L			10/10/25 13:36	1
Bromomethane	ND		1.0	0.30	ug/L			10/10/25 13:36	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/10/25 13:36	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/10/25 13:36	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/10/25 13:36	1
Chloroethane	ND		1.0	0.30	ug/L			10/10/25 13:36	1
Chloroform	ND		1.0	0.30	ug/L			10/10/25 13:36	1
Chloromethane	ND		2.0	0.55	ug/L			10/10/25 13:36	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/10/25 13:36	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/10/25 13:36	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/10/25 13:36	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/10/25 13:36	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/10/25 13:36	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/10/25 13:36	1
Styrene	ND		5.0	0.30	ug/L			10/10/25 13:36	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/10/25 13:36	1
Toluene	ND		1.0	0.30	ug/L			10/10/25 13:36	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/10/25 13:36	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/10/25 13:36	1
Trichloroethene	ND		1.0	0.30	ug/L			10/10/25 13:36	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/10/25 13:36	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/10/25 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		10/10/25 13:36	1
4-Bromofluorobenzene (Surr)	102		80 - 120		10/10/25 13:36	1
Dibromofluoromethane (Surr)	94		80 - 120		10/10/25 13:36	1
Toluene-d8 (Surr)	108		80 - 120		10/10/25 13:36	1

Default Detection Limits

Client: Verdantas

Job ID: 410-244867-1

Project/Site: 2025 Comprehensive Sampling

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	RL	MDL
1,1,1,2-Tetrachloroethane	1.0 ug/L	0.30 ug/L
1,1,1-Trichloroethane	1.0 ug/L	0.30 ug/L
1,1,2,2-Tetrachloroethane	1.0 ug/L	0.30 ug/L
1,1,2-Trichloroethane	1.0 ug/L	0.30 ug/L
1,1-Dichloroethane	1.0 ug/L	0.30 ug/L
1,1-Dichloroethene	1.0 ug/L	0.30 ug/L
1,2-Dibromoethane (EDB)	1.0 ug/L	0.20 ug/L
1,2-Dichloroethane	1.0 ug/L	0.30 ug/L
1,2-Dichloropropane	1.0 ug/L	0.30 ug/L
2-Butanone (MEK)	10 ug/L	1.0 ug/L
2-Hexanone	10 ug/L	0.85 ug/L
4-Methyl-2-pentanone (MIBK)	10 ug/L	0.50 ug/L
Acetone	20 ug/L	0.70 ug/L
Benzene	1.0 ug/L	0.30 ug/L
Bromochloromethane	5.0 ug/L	0.20 ug/L
Bromodichloromethane	1.0 ug/L	0.20 ug/L
Bromoform	4.0 ug/L	1.0 ug/L
Bromomethane	1.0 ug/L	0.30 ug/L
Carbon disulfide	5.0 ug/L	0.30 ug/L
Carbon tetrachloride	1.0 ug/L	0.30 ug/L
Chlorobenzene	1.0 ug/L	0.30 ug/L
Chloroethane	1.0 ug/L	0.30 ug/L
Chloroform	1.0 ug/L	0.30 ug/L
Chloromethane	2.0 ug/L	0.55 ug/L
cis-1,2-Dichloroethene	1.0 ug/L	0.30 ug/L
cis-1,3-Dichloropropene	1.0 ug/L	0.20 ug/L
Dibromochloromethane	1.0 ug/L	0.20 ug/L
Ethylbenzene	1.0 ug/L	0.40 ug/L
Methyl tert-butyl ether	1.0 ug/L	0.20 ug/L
Methylene Chloride	1.0 ug/L	0.30 ug/L
Styrene	5.0 ug/L	0.30 ug/L
Tetrachloroethene	1.0 ug/L	0.30 ug/L
Toluene	1.0 ug/L	0.30 ug/L
trans-1,2-Dichloroethene	2.0 ug/L	0.70 ug/L
trans-1,3-Dichloropropene	1.0 ug/L	0.20 ug/L
Trichloroethene	1.0 ug/L	0.30 ug/L
Vinyl chloride	1.0 ug/L	0.30 ug/L
Xylenes, Total	1.0 ug/L	0.40 ug/L

Surrogate Summary

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (80-120)	BFB (80-120)	DBFM (80-120)	TOL (80-120)
410-244867-1	HD-CW-1A-0/1-0	110	90	117	97
410-244867-2	HD-MW-67S-0/1-0	113	88	120	93
410-244867-2 MS	HD-MW-67S-0/1-0 MS	104	99	105	108
410-244867-2 MSD	HD-MW-67S-0/1-0 MSD	103	102	103	107
410-244867-3	HD-QC2-0/1-1	108	90	117	96
410-244867-4	HD-MW67D-0/1-0	111	89	116	96
410-244867-5	HD-QC2-0/1-3	111	90	116	96
410-244867-6	HD-QC2-0/1-4	107	91	115	94
410-244867-7	HD-MW-12-0/1-0	110	89	119	96
410-244867-8	HD-MW-18S-0/1-0	109	88	120	94
410-244867-9	HD-MW-20S-0/1-0	107	97	111	101
410-244867-10	HD-CW-2-0/1-0	111	90	118	96
410-244867-11	HD-MW-16S-0/1-0	113	86	118	90
410-244867-12	HD-MW-9-0/1-0	103	103	95	106
410-244867-13	HD-QC2-0/1-2	101	102	94	108
LCS 410-711952/5	Lab Control Sample	99	102	92	110
LCS 410-712734/4	Lab Control Sample	102	100	103	106
LCS 410-712926/6	Lab Control Sample	101	100	103	104
LCS 410-713392/4	Lab Control Sample	105	95	104	99
LCSD 410-713392/5	Lab Control Sample Dup	101	94	104	98
MB 410-711952/7	Method Blank	102	103	95	108
MB 410-712734/6	Method Blank	105	90	110	97
MB 410-712926/8	Method Blank	108	97	106	102
MB 410-713392/7	Method Blank	102	90	109	94

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-711952/7
Matrix: Water
Analysis Batch: 711952

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/10/25 11:22	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/10/25 11:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/10/25 11:22	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/10/25 11:22	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/10/25 11:22	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/10/25 11:22	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/10/25 11:22	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/10/25 11:22	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/10/25 11:22	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/10/25 11:22	1
2-Hexanone	ND		10	0.85	ug/L			10/10/25 11:22	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/10/25 11:22	1
Acetone	ND		20	0.70	ug/L			10/10/25 11:22	1
Benzene	ND		1.0	0.30	ug/L			10/10/25 11:22	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/10/25 11:22	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/10/25 11:22	1
Bromoform	ND		4.0	1.0	ug/L			10/10/25 11:22	1
Bromomethane	ND		1.0	0.30	ug/L			10/10/25 11:22	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/10/25 11:22	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/10/25 11:22	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/10/25 11:22	1
Chloroethane	ND		1.0	0.30	ug/L			10/10/25 11:22	1
Chloroform	ND		1.0	0.30	ug/L			10/10/25 11:22	1
Chloromethane	ND		2.0	0.55	ug/L			10/10/25 11:22	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/10/25 11:22	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/10/25 11:22	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/10/25 11:22	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/10/25 11:22	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/10/25 11:22	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/10/25 11:22	1
Styrene	ND		5.0	0.30	ug/L			10/10/25 11:22	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/10/25 11:22	1
Toluene	ND		1.0	0.30	ug/L			10/10/25 11:22	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/10/25 11:22	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/10/25 11:22	1
Trichloroethene	ND		1.0	0.30	ug/L			10/10/25 11:22	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/10/25 11:22	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/10/25 11:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		10/10/25 11:22	1
4-Bromofluorobenzene (Surr)	103		80 - 120		10/10/25 11:22	1
Dibromofluoromethane (Surr)	95		80 - 120		10/10/25 11:22	1
Toluene-d8 (Surr)	108		80 - 120		10/10/25 11:22	1

QC Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-711952/5

Matrix: Water

Analysis Batch: 711952

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	19.3		ug/L		97	79 - 120
1,1,1-Trichloroethane	20.0	16.9		ug/L		85	73 - 120
1,1,2,2-Tetrachloroethane	20.0	25.0	*+	ug/L		125	72 - 120
1,1,2-Trichloroethane	20.0	20.2		ug/L		101	80 - 120
1,1-Dichloroethane	20.0	20.6		ug/L		103	80 - 120
1,1-Dichloroethene	20.0	18.9		ug/L		95	80 - 131
1,2-Dibromoethane (EDB)	20.0	18.6		ug/L		93	77 - 120
1,2-Dichloroethane	20.0	17.2		ug/L		86	73 - 124
1,2-Dichloropropane	20.0	20.8		ug/L		104	80 - 120
2-Butanone (MEK)	250	248		ug/L		99	59 - 135
2-Hexanone	250	277		ug/L		111	56 - 135
4-Methyl-2-pentanone (MIBK)	250	245		ug/L		98	62 - 133
Acetone	250	237		ug/L		95	57 - 143
Benzene	20.0	19.8		ug/L		99	80 - 120
Bromochloromethane	20.0	16.8		ug/L		84	80 - 120
Bromodichloromethane	20.0	17.7		ug/L		88	71 - 120
Bromoform	20.0	16.0		ug/L		80	51 - 120
Bromomethane	20.0	18.9		ug/L		95	53 - 128
Carbon disulfide	20.0	19.6		ug/L		98	65 - 128
Carbon tetrachloride	20.0	15.7		ug/L		78	64 - 134
Chlorobenzene	20.0	19.0		ug/L		95	80 - 120
Chloroethane	20.0	21.8		ug/L		109	55 - 123
Chloroform	20.0	17.6		ug/L		88	80 - 120
Chloromethane	20.0	20.7		ug/L		104	39 - 134
cis-1,2-Dichloroethene	20.0	18.8		ug/L		94	80 - 125
cis-1,3-Dichloropropene	20.0	17.5		ug/L		88	75 - 120
Dibromochloromethane	20.0	17.3		ug/L		86	71 - 120
Ethylbenzene	20.0	20.7		ug/L		103	80 - 120
Methyl tert-butyl ether	20.0	18.1		ug/L		91	69 - 122
Methylene Chloride	20.0	20.2		ug/L		101	80 - 120
Styrene	20.0	19.2		ug/L		96	80 - 120
Tetrachloroethene	20.0	16.0		ug/L		80	80 - 120
Toluene	20.0	20.7		ug/L		104	80 - 120
trans-1,2-Dichloroethene	20.0	17.9		ug/L		89	80 - 126
trans-1,3-Dichloropropene	20.0	20.3		ug/L		101	67 - 120
Trichloroethene	20.0	17.0		ug/L		85	80 - 120
Vinyl chloride	20.0	20.8		ug/L		104	56 - 120
Xylenes, Total	60.0	60.2		ug/L		100	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	92		80 - 120
Toluene-d8 (Surr)	110		80 - 120

QC Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-712734/6
Matrix: Water
Analysis Batch: 712734

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/12/25 22:41	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/12/25 22:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/12/25 22:41	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/12/25 22:41	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/12/25 22:41	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/12/25 22:41	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/12/25 22:41	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/12/25 22:41	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/12/25 22:41	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/12/25 22:41	1
2-Hexanone	ND		10	0.85	ug/L			10/12/25 22:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/12/25 22:41	1
Acetone	ND		20	0.70	ug/L			10/12/25 22:41	1
Benzene	ND		1.0	0.30	ug/L			10/12/25 22:41	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/12/25 22:41	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/12/25 22:41	1
Bromoform	ND		4.0	1.0	ug/L			10/12/25 22:41	1
Bromomethane	ND		1.0	0.30	ug/L			10/12/25 22:41	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/12/25 22:41	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/12/25 22:41	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/12/25 22:41	1
Chloroethane	ND		1.0	0.30	ug/L			10/12/25 22:41	1
Chloroform	ND		1.0	0.30	ug/L			10/12/25 22:41	1
Chloromethane	ND		2.0	0.55	ug/L			10/12/25 22:41	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/12/25 22:41	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/12/25 22:41	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/12/25 22:41	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/12/25 22:41	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/12/25 22:41	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/12/25 22:41	1
Styrene	ND		5.0	0.30	ug/L			10/12/25 22:41	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/12/25 22:41	1
Toluene	ND		1.0	0.30	ug/L			10/12/25 22:41	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/12/25 22:41	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/12/25 22:41	1
Trichloroethene	ND		1.0	0.30	ug/L			10/12/25 22:41	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/12/25 22:41	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/12/25 22:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		80 - 120		10/12/25 22:41	1
4-Bromofluorobenzene (Surr)	90		80 - 120		10/12/25 22:41	1
Dibromofluoromethane (Surr)	110		80 - 120		10/12/25 22:41	1
Toluene-d8 (Surr)	97		80 - 120		10/12/25 22:41	1

QC Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-712734/4

Matrix: Water

Analysis Batch: 712734

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	20.4		ug/L		102	79 - 120
1,1,1-Trichloroethane	20.0	21.0		ug/L		105	73 - 120
1,1,2,2-Tetrachloroethane	20.0	21.3		ug/L		106	72 - 120
1,1,2-Trichloroethane	20.0	20.7		ug/L		103	80 - 120
1,1-Dichloroethane	20.0	21.2		ug/L		106	80 - 120
1,1-Dichloroethene	20.0	17.1		ug/L		86	80 - 131
1,2-Dibromoethane (EDB)	20.0	21.0		ug/L		105	77 - 120
1,2-Dichloroethane	20.0	22.1		ug/L		110	73 - 124
1,2-Dichloropropane	20.0	21.1		ug/L		106	80 - 120
2-Butanone (MEK)	250	283		ug/L		113	59 - 135
2-Hexanone	250	333		ug/L		133	56 - 135
4-Methyl-2-pentanone (MIBK)	250	318		ug/L		127	62 - 133
Acetone	250	191		ug/L		76	57 - 143
Benzene	20.0	20.3		ug/L		101	80 - 120
Bromochloromethane	20.0	19.8		ug/L		99	80 - 120
Bromodichloromethane	20.0	19.8		ug/L		99	71 - 120
Bromoform	20.0	19.2		ug/L		96	51 - 120
Bromomethane	20.0	16.6		ug/L		83	53 - 128
Carbon disulfide	20.0	20.5		ug/L		102	65 - 128
Carbon tetrachloride	20.0	20.5		ug/L		102	64 - 134
Chlorobenzene	20.0	20.1		ug/L		100	80 - 120
Chloroethane	20.0	18.0		ug/L		90	55 - 123
Chloroform	20.0	21.3		ug/L		107	80 - 120
Chloromethane	20.0	17.1		ug/L		86	39 - 134
cis-1,2-Dichloroethene	20.0	19.9		ug/L		99	80 - 125
cis-1,3-Dichloropropene	20.0	18.6		ug/L		93	75 - 120
Dibromochloromethane	20.0	19.3		ug/L		96	71 - 120
Ethylbenzene	20.0	21.9		ug/L		109	80 - 120
Methyl tert-butyl ether	20.0	22.4		ug/L		112	69 - 122
Methylene Chloride	20.0	21.0		ug/L		105	80 - 120
Styrene	20.0	20.3		ug/L		102	80 - 120
Tetrachloroethene	20.0	19.9		ug/L		99	80 - 120
Toluene	20.0	20.2		ug/L		101	80 - 120
trans-1,2-Dichloroethene	20.0	20.4		ug/L		102	80 - 126
trans-1,3-Dichloropropene	20.0	20.0		ug/L		100	67 - 120
Trichloroethene	20.0	20.3		ug/L		101	80 - 120
Vinyl chloride	20.0	17.8		ug/L		89	56 - 120
Xylenes, Total	60.0	62.1		ug/L		104	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		80 - 120
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	103		80 - 120
Toluene-d8 (Surr)	106		80 - 120

QC Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 410-244867-2 MS

Matrix: Water

Analysis Batch: 712734

Client Sample ID: HD-MW-67S-0/1-0 MS

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		20.0	20.6		ug/L		103	75 - 120
1,1,1-Trichloroethane	5.9		20.0	28.0		ug/L		110	68 - 120
1,1,2,2-Tetrachloroethane	ND		20.0	20.4		ug/L		102	71 - 122
1,1,2-Trichloroethane	ND		20.0	20.7		ug/L		104	80 - 120
1,1-Dichloroethane	ND		20.0	23.2		ug/L		116	74 - 120
1,1-Dichloroethene	1.5		20.0	21.5		ug/L		100	74 - 121
1,2-Dibromoethane (EDB)	ND		20.0	20.7		ug/L		103	80 - 120
1,2-Dichloroethane	ND		20.0	22.4		ug/L		112	69 - 120
1,2-Dichloropropane	ND		20.0	21.9		ug/L		109	77 - 120
2-Butanone (MEK)	ND		250	262		ug/L		105	65 - 131
2-Hexanone	ND	^c cn	250	326		ug/L		130	67 - 132
4-Methyl-2-pentanone (MIBK)	ND	^c cn	250	312		ug/L		125	66 - 129
Acetone	ND	^c cn	250	248		ug/L		99	58 - 141
Benzene	ND		20.0	22.1		ug/L		111	81 - 120
Bromochloromethane	ND		20.0	21.1		ug/L		106	76 - 126
Bromodichloromethane	ND		20.0	20.2		ug/L		101	73 - 120
Bromoform	ND		20.0	17.9		ug/L		90	64 - 125
Bromomethane	ND		20.0	18.8		ug/L		94	43 - 128
Carbon disulfide	ND		20.0	21.8		ug/L		109	75 - 132
Carbon tetrachloride	ND		20.0	23.6		ug/L		118	63 - 128
Chlorobenzene	ND		20.0	21.0		ug/L		105	80 - 120
Chloroethane	ND		20.0	20.4		ug/L		102	60 - 121
Chloroform	1.2		20.0	24.0		ug/L		114	74 - 120
Chloromethane	ND		20.0	18.6		ug/L		93	49 - 126
cis-1,2-Dichloroethene	0.51	J	20.0	21.5		ug/L		105	81 - 121
cis-1,3-Dichloropropene	ND		20.0	16.8		ug/L		84	71 - 120
Dibromochloromethane	ND		20.0	19.4		ug/L		97	74 - 120
Ethylbenzene	ND		20.0	22.5		ug/L		112	78 - 120
Methyl tert-butyl ether	ND		20.0	20.1		ug/L		101	75 - 120
Methylene Chloride	ND		20.0	21.8		ug/L		109	77 - 120
Styrene	ND		20.0	20.4		ug/L		102	78 - 120
Tetrachloroethene	1.7		20.0	22.1		ug/L		102	68 - 125
Toluene	ND		20.0	21.6		ug/L		108	79 - 120
trans-1,2-Dichloroethene	ND		20.0	22.1		ug/L		110	74 - 120
trans-1,3-Dichloropropene	ND		20.0	18.7		ug/L		94	72 - 120
Trichloroethene	1.6		20.0	22.8		ug/L		106	76 - 120
Vinyl chloride	ND		20.0	19.8		ug/L		99	52 - 120
Xylenes, Total	ND		60.0	64.0		ug/L		107	78 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		80 - 120
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	105		80 - 120
Toluene-d8 (Surr)	108		80 - 120

QC Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 410-244867-2 MSD

Matrix: Water

Analysis Batch: 712734

Client Sample ID: HD-MW-67S-0/1-0 MSD

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		20.0	20.1		ug/L		101	75 - 120	2	30
1,1,1-Trichloroethane	5.9		20.0	27.7		ug/L		109	68 - 120	1	30
1,1,2,2-Tetrachloroethane	ND		20.0	21.0		ug/L		105	71 - 122	3	30
1,1,2-Trichloroethane	ND		20.0	20.6		ug/L		103	80 - 120	1	30
1,1-Dichloroethane	ND		20.0	22.6		ug/L		113	74 - 120	3	30
1,1-Dichloroethene	1.5		20.0	20.6		ug/L		96	74 - 121	4	30
1,2-Dibromoethane (EDB)	ND		20.0	20.4		ug/L		102	80 - 120	1	30
1,2-Dichloroethane	ND		20.0	22.3		ug/L		111	69 - 120	1	30
1,2-Dichloropropane	ND		20.0	22.0		ug/L		110	77 - 120	1	30
2-Butanone (MEK)	ND		250	276		ug/L		110	65 - 131	5	30
2-Hexanone	ND	^c cn	250	331		ug/L		132	67 - 132	1	30
4-Methyl-2-pentanone (MIBK)	ND	^c cn	250	318		ug/L		127	66 - 129	2	30
Acetone	ND	^c cn	250	248		ug/L		99	58 - 141	0	30
Benzene	ND		20.0	21.8		ug/L		109	81 - 120	2	30
Bromochloromethane	ND		20.0	20.1		ug/L		100	76 - 126	5	30
Bromodichloromethane	ND		20.0	20.5		ug/L		102	73 - 120	1	30
Bromoform	ND		20.0	17.4		ug/L		87	64 - 125	3	30
Bromomethane	ND		20.0	18.8		ug/L		94	43 - 128	0	30
Carbon disulfide	ND		20.0	21.5		ug/L		108	75 - 132	1	30
Carbon tetrachloride	ND		20.0	22.6		ug/L		113	63 - 128	4	30
Chlorobenzene	ND		20.0	20.6		ug/L		103	80 - 120	2	30
Chloroethane	ND		20.0	20.1		ug/L		101	60 - 121	1	30
Chloroform	1.2		20.0	23.0		ug/L		109	74 - 120	4	30
Chloromethane	ND		20.0	18.9		ug/L		94	49 - 126	2	30
cis-1,2-Dichloroethene	0.51	J	20.0	21.1		ug/L		103	81 - 121	2	30
cis-1,3-Dichloropropene	ND		20.0	17.2		ug/L		86	71 - 120	2	30
Dibromochloromethane	ND		20.0	18.5		ug/L		92	74 - 120	5	30
Ethylbenzene	ND		20.0	22.4		ug/L		112	78 - 120	0	30
Methyl tert-butyl ether	ND		20.0	20.2		ug/L		101	75 - 120	0	30
Methylene Chloride	ND		20.0	21.0		ug/L		105	77 - 120	4	30
Styrene	ND		20.0	20.6		ug/L		103	78 - 120	1	30
Tetrachloroethene	1.7		20.0	22.0		ug/L		102	68 - 125	0	30
Toluene	ND		20.0	21.4		ug/L		107	79 - 120	1	30
trans-1,2-Dichloroethene	ND		20.0	21.6		ug/L		108	74 - 120	2	30
trans-1,3-Dichloropropene	ND		20.0	18.9		ug/L		94	72 - 120	1	30
Trichloroethene	1.6		20.0	22.8		ug/L		106	76 - 120	0	30
Vinyl chloride	ND		20.0	19.8		ug/L		99	52 - 120	0	30
Xylenes, Total	ND		60.0	63.7		ug/L		106	78 - 120	0	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		80 - 120
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	103		80 - 120
Toluene-d8 (Surr)	107		80 - 120

QC Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-712926/8

Matrix: Water

Analysis Batch: 712926

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/13/25 11:23	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/13/25 11:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/13/25 11:23	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/13/25 11:23	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/13/25 11:23	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/13/25 11:23	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/13/25 11:23	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/13/25 11:23	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/13/25 11:23	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/13/25 11:23	1
2-Hexanone	ND		10	0.85	ug/L			10/13/25 11:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/13/25 11:23	1
Acetone	ND		20	0.70	ug/L			10/13/25 11:23	1
Benzene	ND		1.0	0.30	ug/L			10/13/25 11:23	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/13/25 11:23	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/13/25 11:23	1
Bromoform	ND		4.0	1.0	ug/L			10/13/25 11:23	1
Bromomethane	ND		1.0	0.30	ug/L			10/13/25 11:23	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/13/25 11:23	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/13/25 11:23	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/13/25 11:23	1
Chloroethane	ND		1.0	0.30	ug/L			10/13/25 11:23	1
Chloroform	ND		1.0	0.30	ug/L			10/13/25 11:23	1
Chloromethane	ND		2.0	0.55	ug/L			10/13/25 11:23	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/13/25 11:23	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/13/25 11:23	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/13/25 11:23	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/13/25 11:23	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/13/25 11:23	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/13/25 11:23	1
Styrene	ND		5.0	0.30	ug/L			10/13/25 11:23	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/13/25 11:23	1
Toluene	ND		1.0	0.30	ug/L			10/13/25 11:23	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/13/25 11:23	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/13/25 11:23	1
Trichloroethene	ND		1.0	0.30	ug/L			10/13/25 11:23	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/13/25 11:23	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/13/25 11:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		80 - 120		10/13/25 11:23	1
4-Bromofluorobenzene (Surr)	97		80 - 120		10/13/25 11:23	1
Dibromofluoromethane (Surr)	106		80 - 120		10/13/25 11:23	1
Toluene-d8 (Surr)	102		80 - 120		10/13/25 11:23	1

QC Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-712926/6
Matrix: Water
Analysis Batch: 712926

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	20.0		ug/L		100	79 - 120
1,1,1-Trichloroethane	20.0	20.2		ug/L		101	73 - 120
1,1,2,2-Tetrachloroethane	20.0	15.5		ug/L		77	72 - 120
1,1,2-Trichloroethane	20.0	17.6		ug/L		88	80 - 120
1,1-Dichloroethane	20.0	19.2		ug/L		96	80 - 120
1,1-Dichloroethene	20.0	20.4		ug/L		102	80 - 131
1,2-Dibromoethane (EDB)	20.0	17.4		ug/L		87	77 - 120
1,2-Dichloroethane	20.0	18.9		ug/L		94	73 - 124
1,2-Dichloropropane	20.0	17.4		ug/L		87	80 - 120
2-Butanone (MEK)	250	196		ug/L		79	59 - 135
2-Hexanone	250	211		ug/L		84	56 - 135
4-Methyl-2-pentanone (MIBK)	250	202		ug/L		81	62 - 133
Acetone	250	225		ug/L		90	57 - 143
Benzene	20.0	17.9		ug/L		89	80 - 120
Bromochloromethane	20.0	19.3		ug/L		96	80 - 120
Bromodichloromethane	20.0	17.7		ug/L		89	71 - 120
Bromoform	20.0	18.4		ug/L		92	51 - 120
Bromomethane	20.0	16.6		ug/L		83	53 - 128
Carbon disulfide	20.0	18.1		ug/L		90	65 - 128
Carbon tetrachloride	20.0	21.0		ug/L		105	64 - 134
Chlorobenzene	20.0	18.9		ug/L		94	80 - 120
Chloroethane	20.0	18.1		ug/L		90	55 - 123
Chloroform	20.0	19.2		ug/L		96	80 - 120
Chloromethane	20.0	14.4		ug/L		72	39 - 134
cis-1,2-Dichloroethene	20.0	19.6		ug/L		98	80 - 125
cis-1,3-Dichloropropene	20.0	15.5		ug/L		78	75 - 120
Dibromochloromethane	20.0	18.3		ug/L		92	71 - 120
Ethylbenzene	20.0	18.6		ug/L		93	80 - 120
Methyl tert-butyl ether	20.0	16.9		ug/L		84	69 - 122
Methylene Chloride	20.0	18.7		ug/L		93	80 - 120
Styrene	20.0	17.5		ug/L		87	80 - 120
Tetrachloroethene	20.0	20.6		ug/L		103	80 - 120
Toluene	20.0	18.5		ug/L		92	80 - 120
trans-1,2-Dichloroethene	20.0	19.1		ug/L		96	80 - 126
trans-1,3-Dichloropropene	20.0	16.5		ug/L		82	67 - 120
Trichloroethene	20.0	18.0		ug/L		90	80 - 120
Vinyl chloride	20.0	14.4		ug/L		72	56 - 120
Xylenes, Total	60.0	58.3		ug/L		97	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	103		80 - 120
Toluene-d8 (Surr)	104		80 - 120

QC Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-713392/7

Matrix: Water

Analysis Batch: 713392

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/14/25 00:39	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/14/25 00:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/14/25 00:39	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/14/25 00:39	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/14/25 00:39	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/14/25 00:39	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/14/25 00:39	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/14/25 00:39	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/14/25 00:39	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/14/25 00:39	1
2-Hexanone	ND		10	0.85	ug/L			10/14/25 00:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/14/25 00:39	1
Acetone	ND		20	0.70	ug/L			10/14/25 00:39	1
Benzene	ND		1.0	0.30	ug/L			10/14/25 00:39	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/14/25 00:39	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/14/25 00:39	1
Bromoform	ND		4.0	1.0	ug/L			10/14/25 00:39	1
Bromomethane	ND		1.0	0.30	ug/L			10/14/25 00:39	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/14/25 00:39	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/14/25 00:39	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/14/25 00:39	1
Chloroethane	ND		1.0	0.30	ug/L			10/14/25 00:39	1
Chloroform	ND		1.0	0.30	ug/L			10/14/25 00:39	1
Chloromethane	ND		2.0	0.55	ug/L			10/14/25 00:39	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/14/25 00:39	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/14/25 00:39	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/14/25 00:39	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/14/25 00:39	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/14/25 00:39	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/14/25 00:39	1
Styrene	ND		5.0	0.30	ug/L			10/14/25 00:39	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/14/25 00:39	1
Toluene	ND		1.0	0.30	ug/L			10/14/25 00:39	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/14/25 00:39	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/14/25 00:39	1
Trichloroethene	ND		1.0	0.30	ug/L			10/14/25 00:39	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/14/25 00:39	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/14/25 00:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		10/14/25 00:39	1
4-Bromofluorobenzene (Surr)	90		80 - 120		10/14/25 00:39	1
Dibromofluoromethane (Surr)	109		80 - 120		10/14/25 00:39	1
Toluene-d8 (Surr)	94		80 - 120		10/14/25 00:39	1

QC Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-713392/4

Matrix: Water

Analysis Batch: 713392

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	22.4		ug/L		112	79 - 120
1,1,1-Trichloroethane	20.0	20.8		ug/L		104	73 - 120
1,1,2,2-Tetrachloroethane	20.0	17.9		ug/L		90	72 - 120
1,1,2-Trichloroethane	20.0	20.1		ug/L		101	80 - 120
1,1-Dichloroethane	20.0	20.0		ug/L		100	80 - 120
1,1-Dichloroethene	20.0	23.3		ug/L		116	80 - 131
1,2-Dibromoethane (EDB)	20.0	20.1		ug/L		101	77 - 120
1,2-Dichloroethane	20.0	18.9		ug/L		95	73 - 124
1,2-Dichloropropane	20.0	18.2		ug/L		91	80 - 120
2-Butanone (MEK)	250	210		ug/L		84	59 - 135
2-Hexanone	250	227		ug/L		91	56 - 135
4-Methyl-2-pentanone (MIBK)	250	217		ug/L		87	62 - 133
Acetone	250	260		ug/L		104	57 - 143
Benzene	20.0	18.8		ug/L		94	80 - 120
Bromochloromethane	20.0	23.4		ug/L		117	80 - 120
Bromodichloromethane	20.0	19.5		ug/L		97	71 - 120
Bromoform	20.0	23.1		ug/L		116	51 - 120
Bromomethane	20.0	20.6		ug/L		103	53 - 128
Carbon disulfide	20.0	22.8		ug/L		114	65 - 128
Carbon tetrachloride	20.0	22.2		ug/L		111	64 - 134
Chlorobenzene	20.0	20.3		ug/L		101	80 - 120
Chloroethane	20.0	19.9		ug/L		100	55 - 123
Chloroform	20.0	20.1		ug/L		101	80 - 120
Chloromethane	20.0	19.9		ug/L		99	39 - 134
cis-1,2-Dichloroethene	20.0	20.4		ug/L		102	80 - 125
cis-1,3-Dichloropropene	20.0	16.8		ug/L		84	75 - 120
Dibromochloromethane	20.0	21.3		ug/L		106	71 - 120
Ethylbenzene	20.0	17.9		ug/L		90	80 - 120
Methyl tert-butyl ether	20.0	17.8		ug/L		89	69 - 122
Methylene Chloride	20.0	22.1		ug/L		110	80 - 120
Styrene	20.0	18.4		ug/L		92	80 - 120
Tetrachloroethene	20.0	21.4		ug/L		107	80 - 120
Toluene	20.0	19.0		ug/L		95	80 - 120
trans-1,2-Dichloroethene	20.0	21.7		ug/L		109	80 - 126
trans-1,3-Dichloropropene	20.0	17.0		ug/L		85	67 - 120
Trichloroethene	20.0	19.5		ug/L		97	80 - 120
Vinyl chloride	20.0	21.6		ug/L		108	56 - 120
Xylenes, Total	60.0	56.1		ug/L		94	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		80 - 120
4-Bromofluorobenzene (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	104		80 - 120
Toluene-d8 (Surr)	99		80 - 120

QC Sample Results

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-713392/5

Matrix: Water

Analysis Batch: 713392

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	20.0	21.1		ug/L		105	79 - 120	6	30
1,1,1-Trichloroethane	20.0	20.0		ug/L		100	73 - 120	4	30
1,1,2,2-Tetrachloroethane	20.0	17.5		ug/L		87	72 - 120	3	30
1,1,2-Trichloroethane	20.0	19.3		ug/L		97	80 - 120	4	30
1,1-Dichloroethane	20.0	19.1		ug/L		95	80 - 120	5	30
1,1-Dichloroethene	20.0	21.6		ug/L		108	80 - 131	8	30
1,2-Dibromoethane (EDB)	20.0	19.1		ug/L		96	77 - 120	5	30
1,2-Dichloroethane	20.0	19.1		ug/L		95	73 - 124	1	30
1,2-Dichloropropane	20.0	17.2		ug/L		86	80 - 120	6	30
2-Butanone (MEK)	250	201		ug/L		80	59 - 135	4	30
2-Hexanone	250	221		ug/L		88	56 - 135	3	30
4-Methyl-2-pentanone (MIBK)	250	211		ug/L		84	62 - 133	3	30
Acetone	250	256		ug/L		103	57 - 143	1	30
Benzene	20.0	18.4		ug/L		92	80 - 120	2	30
Bromochloromethane	20.0	22.0		ug/L		110	80 - 120	6	30
Bromodichloromethane	20.0	18.7		ug/L		93	71 - 120	4	30
Bromoform	20.0	22.2		ug/L		111	51 - 120	4	30
Bromomethane	20.0	19.0		ug/L		95	53 - 128	8	30
Carbon disulfide	20.0	22.1		ug/L		110	65 - 128	3	30
Carbon tetrachloride	20.0	20.9		ug/L		104	64 - 134	6	30
Chlorobenzene	20.0	19.4		ug/L		97	80 - 120	4	30
Chloroethane	20.0	17.7		ug/L		89	55 - 123	12	30
Chloroform	20.0	19.2		ug/L		96	80 - 120	4	30
Chloromethane	20.0	17.7		ug/L		89	39 - 134	11	30
cis-1,2-Dichloroethene	20.0	19.4		ug/L		97	80 - 125	5	30
cis-1,3-Dichloropropene	20.0	16.3		ug/L		81	75 - 120	3	30
Dibromochloromethane	20.0	20.8		ug/L		104	71 - 120	3	30
Ethylbenzene	20.0	17.4		ug/L		87	80 - 120	3	30
Methyl tert-butyl ether	20.0	17.0		ug/L		85	69 - 122	4	30
Methylene Chloride	20.0	21.2		ug/L		106	80 - 120	4	30
Styrene	20.0	17.7		ug/L		89	80 - 120	4	30
Tetrachloroethene	20.0	20.4		ug/L		102	80 - 120	4	30
Toluene	20.0	18.3		ug/L		91	80 - 120	4	30
trans-1,2-Dichloroethene	20.0	20.4		ug/L		102	80 - 126	6	30
trans-1,3-Dichloropropene	20.0	16.6		ug/L		83	67 - 120	2	30
Trichloroethene	20.0	19.0		ug/L		95	80 - 120	2	30
Vinyl chloride	20.0	19.1		ug/L		96	56 - 120	12	30
Xylenes, Total	60.0	54.2		ug/L		90	80 - 120	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	94		80 - 120
Dibromofluoromethane (Surr)	104		80 - 120
Toluene-d8 (Surr)	98		80 - 120

QC Association Summary

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

GC/MS VOA

Analysis Batch: 711952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-244867-12	HD-MW-9-0/1-0	Total/NA	Water	8260D	
410-244867-13	HD-QC2-0/1-2	Total/NA	Water	8260D	
MB 410-711952/7	Method Blank	Total/NA	Water	8260D	
LCS 410-711952/5	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 712734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-244867-1	HD-CW-1A-0/1-0	Total/NA	Water	8260D	
410-244867-2	HD-MW-67S-0/1-0	Total/NA	Water	8260D	
410-244867-3	HD-QC2-0/1-1	Total/NA	Water	8260D	
410-244867-4	HD-MW67D-0/1-0	Total/NA	Water	8260D	
410-244867-5	HD-QC2-0/1-3	Total/NA	Water	8260D	
410-244867-6	HD-QC2-0/1-4	Total/NA	Water	8260D	
410-244867-7	HD-MW-12-0/1-0	Total/NA	Water	8260D	
410-244867-8	HD-MW-18S-0/1-0	Total/NA	Water	8260D	
410-244867-10	HD-CW-2-0/1-0	Total/NA	Water	8260D	
MB 410-712734/6	Method Blank	Total/NA	Water	8260D	
LCS 410-712734/4	Lab Control Sample	Total/NA	Water	8260D	
410-244867-2 MS	HD-MW-67S-0/1-0 MS	Total/NA	Water	8260D	
410-244867-2 MSD	HD-MW-67S-0/1-0 MSD	Total/NA	Water	8260D	

Analysis Batch: 712926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-244867-9	HD-MW-20S-0/1-0	Total/NA	Water	8260D	
MB 410-712926/8	Method Blank	Total/NA	Water	8260D	
LCS 410-712926/6	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 713392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-244867-11	HD-MW-16S-0/1-0	Total/NA	Water	8260D	
MB 410-713392/7	Method Blank	Total/NA	Water	8260D	
LCS 410-713392/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-713392/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Lab Chronicle

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Client Sample ID: HD-CW-1A-0/1-0

Lab Sample ID: 410-244867-1

Date Collected: 09/30/25 11:50

Matrix: Water

Date Received: 10/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	712734	JS6E	ELLE	10/13/25 00:12

Client Sample ID: HD-MW-67S-0/1-0

Lab Sample ID: 410-244867-2

Date Collected: 09/30/25 13:35

Matrix: Water

Date Received: 10/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	712734	JS6E	ELLE	10/13/25 03:13

Client Sample ID: HD-QC2-0/1-1

Lab Sample ID: 410-244867-3

Date Collected: 09/30/25 08:00

Matrix: Water

Date Received: 10/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	712734	JS6E	ELLE	10/13/25 00:35

Client Sample ID: HD-MW67D-0/1-0

Lab Sample ID: 410-244867-4

Date Collected: 09/30/25 14:22

Matrix: Water

Date Received: 10/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	712734	JS6E	ELLE	10/13/25 00:57

Client Sample ID: HD-QC2-0/1-3

Lab Sample ID: 410-244867-5

Date Collected: 09/30/25 14:40

Matrix: Water

Date Received: 10/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	712734	JS6E	ELLE	10/12/25 23:49

Client Sample ID: HD-QC2-0/1-4

Lab Sample ID: 410-244867-6

Date Collected: 09/30/25 14:35

Matrix: Water

Date Received: 10/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	712734	JS6E	ELLE	10/12/25 23:26

Client Sample ID: HD-MW-12-0/1-0

Lab Sample ID: 410-244867-7

Date Collected: 09/30/25 15:00

Matrix: Water

Date Received: 10/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	712734	JS6E	ELLE	10/13/25 01:20

Lab Chronicle

Client: Verdantas
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Client Sample ID: HD-MW-18S-0/1-0

Lab Sample ID: 410-244867-8

Date Collected: 09/30/25 15:20

Matrix: Water

Date Received: 10/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	712734	JS6E	ELLE	10/13/25 01:43

Client Sample ID: HD-MW-20S-0/1-0

Lab Sample ID: 410-244867-9

Date Collected: 09/30/25 08:50

Matrix: Water

Date Received: 10/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	712926	DVW2	ELLE	10/13/25 14:25

Client Sample ID: HD-CW-2-0/1-0

Lab Sample ID: 410-244867-10

Date Collected: 09/30/25 12:32

Matrix: Water

Date Received: 10/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	712734	JS6E	ELLE	10/13/25 02:28

Client Sample ID: HD-MW-16S-0/1-0

Lab Sample ID: 410-244867-11

Date Collected: 09/30/25 13:10

Matrix: Water

Date Received: 10/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	713392	S8BP	ELLE	10/14/25 05:09

Client Sample ID: HD-MW-9-0/1-0

Lab Sample ID: 410-244867-12

Date Collected: 09/29/25 14:30

Matrix: Water

Date Received: 10/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	711952	TQ4J	ELLE	10/10/25 13:16

Client Sample ID: HD-QC2-0/1-2

Lab Sample ID: 410-244867-13

Date Collected: 09/29/25 00:00

Matrix: Water

Date Received: 10/01/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	711952	TQ4J	ELLE	10/10/25 13:36

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Verdantas

Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244867-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	36-00037	01-31-26

Method Summary

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE

Protocol References:
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:
ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Verdantas

Job ID: 410-244867-1

Project/Site: 2025 Comprehensive Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
410-244867-1	HD-CW-1A-0/1-0	Water	09/30/25 11:50	10/01/25 19:30	Pennsylvania
410-244867-2	HD-MW-67S-0/1-0	Water	09/30/25 13:35	10/01/25 19:30	Pennsylvania
410-244867-3	HD-QC2-0/1-1	Water	09/30/25 08:00	10/01/25 19:30	Pennsylvania
410-244867-4	HD-MW67D-0/1-0	Water	09/30/25 14:22	10/01/25 19:30	Pennsylvania
410-244867-5	HD-QC2-0/1-3	Water	09/30/25 14:40	10/01/25 19:30	Pennsylvania
410-244867-6	HD-QC2-0/1-4	Water	09/30/25 14:35	10/01/25 19:30	Pennsylvania
410-244867-7	HD-MW-12-0/1-0	Water	09/30/25 15:00	10/01/25 19:30	Pennsylvania
410-244867-8	HD-MW-18S-0/1-0	Water	09/30/25 15:20	10/01/25 19:30	Pennsylvania
410-244867-9	HD-MW-20S-0/1-0	Water	09/30/25 08:50	10/01/25 19:30	Pennsylvania
410-244867-10	HD-CW-2-0/1-0	Water	09/30/25 12:32	10/01/25 19:30	Pennsylvania
410-244867-11	HD-MW-16S-0/1-0	Water	09/30/25 13:10	10/01/25 19:30	Pennsylvania
410-244867-12	HD-MW-9-0/1-0	Water	09/29/25 14:30	10/01/25 19:30	Pennsylvania
410-244867-13	HD-QC2-0/1-2	Water	09/29/25 00:00	10/01/25 19:30	Pennsylvania

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 15830

Analysis Batch Number: 710355

Lab Sample ID: IC 410-710355/15

Client Sample ID:

Date Analyzed: 10/07/25 18:13

Lab File ID: FC07X55.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl ether	3.25	Incomplete Integration	Y6ZN	10/07/25 19:36
t-Butyl alcohol	4.40	Baseline	Y6ZN	10/07/25 19:36
n-Butanol	8.15	Baseline	ULCP	10/08/25 06:04

Lab Sample ID: ICIS 410-710355/16

Client Sample ID:

Date Analyzed: 10/07/25 18:35

Lab File ID: FC07X56.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	4.41	Baseline	Y6ZN	10/07/25 18:58

Lab Sample ID: IC 410-710355/17

Client Sample ID:

Date Analyzed: 10/07/25 18:58

Lab File ID: FC07X57.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	4.43	Baseline	Y6ZN	10/07/25 19:37

Lab Sample ID: IC 410-710355/18

Client Sample ID:

Date Analyzed: 10/07/25 19:21

Lab File ID: FC07X58.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	4.42	Baseline	Y6ZN	10/07/25 19:45
1,2,4-Trimethylbenzene	12.84	Peak assignment corrected	Y6ZN	10/07/25 19:45

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 15830

Analysis Batch Number: 710355

Lab Sample ID: ICV 410-710355/20

Client Sample ID:

Date Analyzed: 10/07/25 20:07

Lab File ID: FC07X60.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl ether	3.25	Incomplete Integration	UCB5	10/08/25 14:01
t-Butyl alcohol	4.43	Baseline	Y6ZN	10/07/25 20:29

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 15830

Analysis Batch Number: 710355

Lab Sample ID: IC 410-710355/12

Client Sample ID:

Date Analyzed: 10/07/25 23:07

Lab File ID: FC07X65.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroethane	2.69	Incomplete Integration	Y6ZN	10/08/25 00:27
n-Pentane	3.01	Incomplete Integration	Y6ZN	10/08/25 00:28
Ethyl ether	3.25	Incomplete Integration	Y6ZN	10/08/25 00:28
Acetone	3.60	Baseline	ULCP	10/08/25 05:45
Freon 113	3.60	Incomplete Integration	Y6ZN	10/08/25 00:28
2-Propanol	3.77	Baseline	ULCP	10/08/25 05:47
Carbon disulfide	3.85	Incomplete Integration	Y6ZN	10/08/25 00:29
Methyl acetate	4.02	Incomplete Integration	Y6ZN	10/08/25 00:29
trans-1,2-Dichloroethene	4.65	Incomplete Integration	Y6ZN	10/08/25 00:29
Methyl tert-butyl ether	4.67	Incomplete Integration	Y6ZN	10/08/25 00:29
n-Hexane	5.07	Incomplete Integration	Y6ZN	10/08/25 00:29
1,1-Dichloroethane	5.32	Incomplete Integration	Y6ZN	10/08/25 00:29
Isopropyl ether	5.39	Incomplete Integration	Y6ZN	10/08/25 00:29
2-Chloro-1,3-butadiene	5.42	Incomplete Integration	Y6ZN	10/08/25 00:29
Ethyl t-butyl ether	5.93	Incomplete Integration	Y6ZN	10/08/25 00:29
2,2-Dichloropropane	6.19	Incomplete Integration	Y6ZN	10/08/25 00:29
Methacrylonitrile	6.46	Incomplete Integration	Y6ZN	10/08/25 00:30
Chloroform	6.64	Incomplete Integration	Y6ZN	10/08/25 00:30
1,1,1-Trichloroethane	6.88	Incomplete Integration	Y6ZN	10/08/25 00:30
Cyclohexane	6.96	Incomplete Integration	Y6ZN	10/08/25 00:30
1,1-Dichloropropene	7.07	Incomplete Integration	Y6ZN	10/08/25 00:30
Carbon tetrachloride	7.09	Incomplete Integration	Y6ZN	10/08/25 00:30
Isobutyl alcohol	7.29	Incomplete Integration	Y6ZN	10/08/25 00:30
t-Amyl methyl ether	7.57	Incomplete Integration	Y6ZN	10/08/25 00:30
n-Heptane	7.77	Incomplete Integration	Y6ZN	10/08/25 00:30
n-Butanol	8.15	Baseline	ULCP	10/08/25 06:05
Trichloroethene	8.24	Incomplete Integration	Y6ZN	10/08/25 00:30
Cyclohexanone	12.18	Incomplete Integration	Y6ZN	10/08/25 00:31

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 15830

Analysis Batch Number: 710355

Lab Sample ID: IC 410-710355/13

Client Sample ID:

Date Analyzed: 10/07/25 23:29

Lab File ID: FC07X66.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl ether	3.25	Incomplete Integration	Y6ZN	10/08/25 00:31
Freon 113	3.60	Incomplete Integration	Y6ZN	10/08/25 00:31
Methyl acetate	4.03	Incomplete Integration	Y6ZN	10/08/25 00:32
2,2-Dichloropropane	6.17	Incomplete Integration	Y6ZN	10/08/25 00:32
1,1,1-Trichloroethane	6.88	Incomplete Integration	Y6ZN	10/08/25 00:32
n-Butanol	8.16	Baseline	ULCP	10/08/25 06:05

Lab Sample ID: IC 410-710355/14

Client Sample ID:

Date Analyzed: 10/07/25 23:52

Lab File ID: FC07X67.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl ether	3.24	Baseline	ULCP	10/08/25 05:26
2-Propanol	3.80	Baseline	ULCP	10/08/25 05:27
n-Butanol	8.15	Baseline	ULCP	10/08/25 06:04

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 15830

Analysis Batch Number: 712734

Lab Sample ID: CCVIS 410-712734/3

Client Sample ID:

Date Analyzed: 10/12/25 21:33

Lab File ID: FC12X54.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	4.42	Incomplete Integration	Z6YX	10/12/25 22:07
1,4-Dioxane	8.68	Incomplete Integration	Z6YX	10/12/25 22:07

Lab Sample ID: MB 410-712734/6

Client Sample ID:

Date Analyzed: 10/12/25 22:41

Lab File ID: FC12X57.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroform	6.65	Incomplete Integration	FQ4L	10/13/25 14:28
2-Butanone (MEK)		Invalid Compound ID	FQ4L	10/13/25 14:28

Lab Sample ID: 410-244867-6

Client Sample ID: HD-QC2-0/1-4

Date Analyzed: 10/12/25 23:26

Lab File ID: FC12X59.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone	3.61	Incomplete Integration	FQ4L	10/13/25 14:24
2-Butanone (MEK)		Invalid Compound ID	FQ4L	10/13/25 14:24
trans-1,3-Dichloropropene		Invalid Compound ID	FQ4L	10/13/25 14:24

Lab Sample ID: 410-244867-5

Client Sample ID: HD-QC2-0/1-3

Date Analyzed: 10/12/25 23:49

Lab File ID: FC12X60.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	FQ4L	10/13/25 14:16

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 15830

Analysis Batch Number: 712734

Lab Sample ID: 410-244867-3

Client Sample ID: HD-QC2-0/1-1

Date Analyzed: 10/13/25 00:35

Lab File ID: FC12X62.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroform	6.65	Incomplete Integration	FQ4L	10/13/25 14:10

Lab Sample ID: 410-244867-8

Client Sample ID: HD-MW-18S-0/1-0

Date Analyzed: 10/13/25 01:43

Lab File ID: FC12X65.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.87	Incomplete Integration	FQ4L	10/13/25 14:05
2-Butanone (MEK)		Invalid Compound ID	FQ4L	10/13/25 14:05
Acetone		Invalid Compound ID	FQ4L	10/13/25 14:05
trans-1,3-Dichloropropene		Invalid Compound ID	FQ4L	10/13/25 14:06

Lab Sample ID: 410-244867-10

Client Sample ID: HD-CW-2-0/1-0

Date Analyzed: 10/13/25 02:28

Lab File ID: FC12X67.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane		Invalid Compound ID	FQ4L	10/13/25 14:02
Tetrachloroethene	10.41	Incomplete Integration	FQ4L	10/13/25 14:02

Lab Sample ID: 410-244867-2

Client Sample ID: HD-MW-67S-0/1-0

Date Analyzed: 10/13/25 03:13

Lab File ID: FC12X69.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
cis-1,2-Dichloroethene	6.16	Incomplete Integration	UCB5	10/13/25 13:50

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 26285

Analysis Batch Number: 683596

Lab Sample ID: IC 410-683596/3

Client Sample ID:

Date Analyzed: 08/11/25 15:55

Lab File ID: 5G11X02.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 133a	1.88	Incomplete Integration	JS6E	08/11/25 18:04

Lab Sample ID: IC 410-683596/4

Client Sample ID:

Date Analyzed: 08/11/25 16:15

Lab File ID: 5G11X03.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 133a	1.92	Incomplete Integration	JS6E	08/11/25 18:03
Ethanol	2.48	Incomplete Integration	JS6E	08/11/25 18:03

Lab Sample ID: IC 410-683596/5

Client Sample ID:

Date Analyzed: 08/11/25 16:35

Lab File ID: 5G11X04.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 133a	1.92	Incomplete Integration	JS6E	08/11/25 18:03
Ethanol	2.56	Incomplete Integration	JS6E	08/11/25 18:04

Lab Sample ID: IC 410-683596/7

Client Sample ID:

Date Analyzed: 08/11/25 17:16

Lab File ID: 5G11X06.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 133a	1.93	Incomplete Integration	JS6E	08/11/25 18:02

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 26285

Analysis Batch Number: 683596

Lab Sample ID: IC 410-683596/12

Client Sample ID:

Date Analyzed: 08/11/25 18:58

Lab File ID: 5G11X11.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Butadiene	1.87	Incomplete Integration	JS6E	08/11/25 23:03
n-Pentane	2.39	Incomplete Integration	JS6E	08/11/25 23:04
2-Propanol	3.07	Incomplete Integration	JS6E	08/11/25 23:04
Carbon disulfide	3.09	Incomplete Integration	JS6E	08/11/25 23:04
Methylene Chloride	3.40	Incomplete Integration	JS6E	08/11/25 23:05
t-Butyl alcohol-d10 (IS)	3.45	Incomplete Integration	JS6E	08/11/25 23:05
1,1-Dichloroethane	4.30	Incomplete Integration	JS6E	08/11/25 23:05
Isopropyl ether	4.38	Incomplete Integration	JS6E	08/11/25 23:05
cis-1,2-Dichloroethene	5.19	Incomplete Integration	JS6E	08/11/25 23:05
Methyl acrylate	5.33	Incomplete Integration	JS6E	08/11/25 23:05
Methacrylonitrile	5.51	Incomplete Integration	JS6E	08/11/25 23:05
Cyclohexane	6.02	Incomplete Integration	JS6E	08/11/25 23:05
Isobutyl alcohol	6.40	Incomplete Integration	JS6E	08/11/25 23:06
n-Heptane	6.91	Incomplete Integration	JS6E	08/11/25 23:06

Lab Sample ID: IC 410-683596/13

Client Sample ID:

Date Analyzed: 08/11/25 19:19

Lab File ID: 5G11X12.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Pentane	2.40	Incomplete Integration	JS6E	08/11/25 23:00
Carbon disulfide	3.15	Split Peak	UKEK	08/12/25 13:35
n-Hexane	4.09	Incomplete Integration	JS6E	08/12/25 00:14
Isopropyl ether	4.40	Incomplete Integration	JS6E	08/11/25 23:01
1,1,1-Trichloroethane	5.94	Incomplete Integration	JS6E	08/11/25 23:01
Cyclohexane	6.03	Incomplete Integration	JS6E	08/11/25 23:01
1,4-Dioxane	7.85	Incomplete Integration	JS6E	08/11/25 23:02

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 26285

Analysis Batch Number: 683596

Lab Sample ID: IC 410-683596/14

Client Sample ID:

Date Analyzed: 08/11/25 19:39

Lab File ID: 5G11X13.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Propanol	2.99	Incomplete Integration	JS6E	08/11/25 22:58
Carbon disulfide	3.15	Incomplete Integration	JS6E	08/11/25 22:58
Methylene Chloride	3.38	Incomplete Integration	JS6E	08/11/25 22:58
t-Butyl alcohol	3.54	Incomplete Integration	JS6E	08/11/25 23:18
1,4-Dioxane	7.84	Incomplete Integration	JS6E	08/11/25 22:59

Lab Sample ID: IC 410-683596/15

Client Sample ID:

Date Analyzed: 08/11/25 20:00

Lab File ID: 5G11X14.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Pentane	2.41	Baseline	UKEK	08/12/25 13:34
2-Propanol	3.04	Incomplete Integration	JS6E	08/11/25 22:56
Carbon disulfide	3.15	Incomplete Integration	JS6E	08/11/25 22:56
t-Butyl alcohol	3.52	Incomplete Integration	JS6E	08/11/25 23:18
1,4-Dioxane	7.83	Incomplete Integration	JS6E	08/11/25 22:57

Lab Sample ID: ICIS 410-683596/16

Client Sample ID:

Date Analyzed: 08/11/25 20:20

Lab File ID: 5G11X15.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.15	Peak assignment corrected	JS6E	08/11/25 22:47
1,4-Dioxane	7.83	Incomplete Integration	JS6E	08/11/25 22:45
1,2,4-Trimethylbenzene	12.38	Peak assignment corrected	JS6E	08/11/25 22:51

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 26285

Analysis Batch Number: 683596

Lab Sample ID: IC 410-683596/17

Client Sample ID:

Date Analyzed: 08/11/25 20:40

Lab File ID: 5G11X16.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Propanol	2.98	Incomplete Integration	JS6E	08/11/25 22:49
Carbon disulfide	3.15	Incomplete Integration	JS6E	08/11/25 22:46
1,2,4-Trimethylbenzene	12.38	Peak assignment corrected	JS6E	08/11/25 22:50

Lab Sample ID: IC 410-683596/18

Client Sample ID:

Date Analyzed: 08/11/25 21:01

Lab File ID: 5G11X17.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Pentane	2.39	Incomplete Integration	JS6E	08/11/25 22:55
2-Propanol	3.00	Incomplete Integration	JS6E	08/11/25 22:55
Carbon disulfide	3.15	Incomplete Integration	JS6E	08/11/25 22:55

Lab Sample ID: ICV 410-683596/20

Client Sample ID:

Date Analyzed: 08/11/25 21:42

Lab File ID: 5G11X19.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Propanol	2.99	Incomplete Integration	JS6E	08/11/25 23:12
Carbon disulfide	3.15	Incomplete Integration	JS6E	08/11/25 23:12

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 26285

Analysis Batch Number: 712926

Lab Sample ID: CCVIS 410-712926/5

Client Sample ID:

Date Analyzed: 10/13/25 10:22

Lab File ID: 5C13X04.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.13	Incomplete Integration	DVW2	10/13/25 10:46
1,4-Dioxane	7.84	Incomplete Integration	DVW2	10/13/25 10:46

Lab Sample ID: LCS 410-712926/6

Client Sample ID:

Date Analyzed: 10/13/25 10:42

Lab File ID: 5C13X05.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.15	Incomplete Integration	DVW2	10/13/25 11:03

Lab Sample ID: 410-244867-9

Client Sample ID: HD-MW-20S-0/1-0

Date Analyzed: 10/13/25 14:25

Lab File ID: 5C13X16.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroform	5.78	Peak assignment corrected	N9NA	10/14/25 07:58
cis-1,2-Dichloroethene		Invalid Compound ID	N9NA	10/14/25 07:58

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 702728

Lab Sample ID: IC 410-702728/3

Client Sample ID:

Date Analyzed: 09/22/25 15:13

Lab File ID: NS22X03.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chlorotrifluoroethene	1.99	Incomplete Integration	JS6E	09/22/25 18:28
Chlorodifluoromethane	2.04	Incomplete Integration	JS6E	09/22/25 18:28
Freon 133a	2.43	Incomplete Integration	JS6E	09/22/25 18:28
Acetonitrile	4.22	Incomplete Integration	JS6E	09/22/25 18:28

Lab Sample ID: IC 410-702728/4

Client Sample ID:

Date Analyzed: 09/22/25 15:33

Lab File ID: NS22X04.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chlorotrifluoroethene	1.97	Incomplete Integration	JS6E	09/22/25 18:27
Chlorodifluoromethane	2.03	Incomplete Integration	JS6E	09/22/25 18:27
Freon 133a	2.43	Incomplete Integration	JS6E	09/22/25 18:27
Acetonitrile	4.23	Incomplete Integration	JS6E	09/22/25 18:27

Lab Sample ID: IC 410-702728/5

Client Sample ID:

Date Analyzed: 09/22/25 15:53

Lab File ID: NS22X05.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chlorotrifluoroethene	1.99	Incomplete Integration	JS6E	09/22/25 18:25
Acetonitrile	4.23	Incomplete Integration	JS6E	09/22/25 18:25
t-Butyl alcohol-d10 (IS)	4.53	Incomplete Integration	JS6E	09/22/25 18:25

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 702728

Lab Sample ID: IC 410-702728/6

Client Sample ID:

Date Analyzed: 09/22/25 16:12

Lab File ID: NS22X06.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 133a	2.44	Incomplete Integration	JS6E	09/22/25 17:40
Acetonitrile	4.23	Incomplete Integration	JS6E	09/22/25 17:41
t-Butyl alcohol-d10 (IS)	4.53	Incomplete Integration	JS6E	09/22/25 17:40

Lab Sample ID: IC 410-702728/8

Client Sample ID:

Date Analyzed: 09/22/25 16:52

Lab File ID: NS22X08.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol-d10 (IS)	4.53	Incomplete Integration	JS6E	09/22/25 17:37

Lab Sample ID: IC 410-702728/14

Client Sample ID:

Date Analyzed: 09/22/25 18:51

Lab File ID: NS22X14.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	3.27	Incomplete Integration	UKAD	09/22/25 21:32
Freon 113	3.80	Incomplete Integration	UKAD	09/22/25 21:32
Allyl chloride	4.28	Other	UKEK	09/23/25 09:01
n-Hexane	5.35	Other	UKEK	09/23/25 09:01
1,1-Dichloroethane	5.59	Other	UKEK	09/23/25 09:02
Ethyl t-butyl ether	6.18	Other	UKEK	09/23/25 09:02
cis-1,2-Dichloroethene	6.43	Peak assignment corrected	UKAD	09/22/25 21:33
2,2-Dichloropropane	6.44	Peak assignment corrected	UKAD	09/22/25 21:33
Methacrylonitrile	6.71	Incomplete Integration	UKAD	09/22/25 21:33
Cyclohexane	7.22	Peak assignment corrected	UKAD	09/22/25 21:33
Trichloroethene	8.47	Peak assignment corrected	UKAD	09/22/25 21:33
1,2-Dichloropropane	8.80	Incomplete Integration	UKAD	09/22/25 21:33
1,2,3-Trichloropropane	12.48	Peak assignment corrected	UKAD	09/22/25 21:33

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 702728

Lab Sample ID: IC 410-702728/15

Client Sample ID:

Date Analyzed: 09/22/25 19:10

Lab File ID: NS22X15.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	2.24	Peak assignment corrected	UKAD	09/22/25 21:29
Trichlorofluoromethane	3.15	Incomplete Integration	UKAD	09/22/25 21:29
Ethanol	3.34	Incomplete Integration	JS6E	09/23/25 04:23
Freon 113	3.81	Peak assignment corrected	UKAD	09/22/25 21:30
Methyl acetate	4.27	Incomplete Integration	UKAD	09/22/25 21:30
Allyl chloride	4.28	Incomplete Integration	UKAD	09/22/25 21:30
trans-1,2-Dichloroethene	4.92	Incomplete Integration	UKAD	09/22/25 21:30
2-Chloro-1,3-butadiene	5.70	Peak assignment corrected	UKAD	09/22/25 21:30
Ethyl t-butyl ether	6.18	Other	UKEK	09/23/25 09:06
2,2-Dichloropropane	6.45	Peak assignment corrected	UKAD	09/22/25 21:30
Bromochloromethane	6.76	Peak assignment corrected	UKAD	09/22/25 21:30
Cyclohexane	7.22	Peak assignment corrected	UKAD	09/22/25 21:30
Benzene	7.59	Incomplete Integration	UKAD	09/22/25 21:24
t-Amyl methyl ether	7.78	Incomplete Integration	UKAD	09/22/25 21:31
Trichloroethene	8.46	Peak assignment corrected	UKAD	09/22/25 21:31
1,1,2-Trichloroethane	10.47	Incomplete Integration	UKAD	09/22/25 21:31

Lab Sample ID: ICIS 410-702728/16

Client Sample ID:

Date Analyzed: 09/22/25 19:30

Lab File ID: NS22X16.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	3.33	Incomplete Integration	UKAD	09/22/25 21:28
2-Butanone (MEK)	6.40	Peak assignment corrected	UKAD	09/22/25 21:28
2,2-Dichloropropane	6.44	Peak assignment corrected	UKAD	09/22/25 21:28
Methacrylonitrile	6.71	Incomplete Integration	UKAD	09/22/25 21:29
t-Amyl methyl ether	7.79	Peak assignment corrected	UKAD	09/22/25 23:21

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 702728

Lab Sample ID: IC 410-702728/17

Client Sample ID:

Date Analyzed: 09/22/25 19:50

Lab File ID: NS22X17.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	4.49	Peak assignment corrected	UKAD	09/22/25 21:27
Methacrylonitrile	6.71	Peak assignment corrected	UKAD	09/22/25 21:27
Carbon tetrachloride	7.33	Peak assignment corrected	UKAD	09/22/25 21:27
t-Amyl methyl ether	7.79	Peak assignment corrected	UKAD	09/22/25 21:27

Lab Sample ID: IC 410-702728/18

Client Sample ID:

Date Analyzed: 09/22/25 20:10

Lab File ID: NS22X18.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Amyl methyl ether	7.79	Peak assignment corrected	UKAD	09/22/25 21:25
Trichloroethene	8.47	Peak assignment corrected	UKAD	09/22/25 21:26
1,2,3-Trichloropropane	12.48	Peak assignment corrected	UKAD	09/22/25 21:26

Lab Sample ID: ICV 410-702728/20

Client Sample ID:

Date Analyzed: 09/22/25 20:50

Lab File ID: NS22X20.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	3.27	Incomplete Integration	JS6E	09/23/25 04:26
Methylene Chloride	4.49	Incomplete Integration	JS6E	09/23/25 04:26
n-Hexane	5.35	Incomplete Integration	JS6E	09/23/25 04:26
Methacrylonitrile	6.71	Incomplete Integration	JS6E	09/23/25 04:26
t-Amyl methyl ether	7.78	Incomplete Integration	JS6E	09/23/25 04:27
1,4-Dioxane	8.89	Incomplete Integration	JS6E	09/23/25 04:27
1,2,3-Trichloropropane	12.47	Incomplete Integration	JS6E	09/23/25 04:27

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 702728

Lab Sample ID: IC 410-702728/12

Client Sample ID:

Date Analyzed: 09/22/25 22:39

Lab File ID: NS22X22.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Butadiene	2.34	Incomplete Integration	JS6E	09/23/25 04:16
Chloroethane	2.80	Incomplete Integration	UKAD	09/22/25 23:14
Trichlorofluoromethane	3.13	Incomplete Integration	UKAD	09/22/25 23:15
Freon 123a	3.50	Incomplete Integration	UKAD	09/22/25 23:15
1,1-Dichloroethene	3.74	Incomplete Integration	UKAD	09/22/25 23:15
Freon 113	3.78	Incomplete Integration	UKAD	09/22/25 23:15
2-Propanol	3.99	Incomplete Integration	JS6E	09/23/25 04:15
Methyl acetate	4.25	Incomplete Integration	JS6E	09/23/25 04:15
Allyl chloride	4.28	Incomplete Integration	UKAD	09/22/25 23:15
Methylene Chloride	4.48	Incomplete Integration	UKAD	09/22/25 23:15
t-Butyl alcohol	4.70	Incomplete Integration	UKAD	09/22/25 23:15
Acrylonitrile	4.85	Incomplete Integration	UKAD	09/22/25 23:15
Methyl tert-butyl ether	4.91	Incomplete Integration	UKAD	09/22/25 23:15
trans-1,2-Dichloroethene	4.92	Incomplete Integration	UKAD	09/22/25 23:15
n-Hexane	5.35	Incomplete Integration	UKAD	09/22/25 23:15
1,1-Dichloroethane	5.59	Incomplete Integration	UKAD	09/22/25 23:16
2-Chloro-1,3-butadiene	5.69	Incomplete Integration	UKAD	09/22/25 23:16
Ethyl t-butyl ether	6.17	Incomplete Integration	UKAD	09/22/25 23:16
2-Butanone (MEK)	6.38	Incomplete Integration	JS6E	09/23/25 04:15
2,2-Dichloropropane	6.43	Incomplete Integration	JS6E	09/23/25 04:15
cis-1,2-Dichloroethene	6.43	Incomplete Integration	JS6E	09/23/25 04:15
Propionitrile	6.48	Incomplete Integration	JS6E	09/23/25 04:15
Methyl acrylate	6.52	Incomplete Integration	JS6E	09/23/25 04:17
Methacrylonitrile	6.70	Incomplete Integration	UKAD	09/22/25 23:16
Bromochloromethane	6.75	Incomplete Integration	JS6E	09/23/25 04:15
Tetrahydrofuran	6.77	Incomplete Integration	JS6E	09/23/25 04:15
Chloroform	6.89	Incomplete Integration	JS6E	09/23/25 04:15
Carbon tetrachloride	7.31	Incomplete Integration	JS6E	09/23/25 04:16
Isobutyl alcohol	7.51	Incomplete Integration	UKAD	09/22/25 23:16

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 702728

Lab Sample ID: IC 410-702728/12

Client Sample ID:

Date Analyzed: 09/22/25 22:39

Lab File ID: NS22X22.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzene	7.59	Incomplete Integration	UKAD	09/22/25 23:16
t-Amyl methyl ether	7.78	Incomplete Integration	UKAD	09/22/25 23:16
Trichloroethene	8.45	Incomplete Integration	JS6E	09/23/25 04:16
1,2-Dichloropropane	8.79	Incomplete Integration	UKAD	09/22/25 23:16
1,4-Dioxane	8.90	Incomplete Integration	JS6E	09/23/25 04:16
2-Chloroethyl vinyl ether	9.48	Incomplete Integration	UKAD	09/22/25 23:16
trans-1,3-Dichloropropene	10.26	Incomplete Integration	UKAD	09/22/25 23:17
1,1,2-Trichloroethane	10.46	Incomplete Integration	UKAD	09/22/25 23:17
1,3-Dichloropropane	10.62	Incomplete Integration	UKAD	09/22/25 23:17
1,2,3-Trichloropropane	12.47	Incomplete Integration	JS6E	09/23/25 04:16
4-Chlorotoluene	12.68	Other	UKEK	09/23/25 09:30
tert-Butylbenzene	12.87	Incomplete Integration	UKAD	09/22/25 23:17
1,4-Dichlorobenzene	13.21	Peak assignment corrected	UKAD	09/22/25 23:14

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 702728

Lab Sample ID: IC 410-702728/13

Client Sample ID:

Date Analyzed: 09/22/25 22:59

Lab File ID: NS22X23.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	3.28	Incomplete Integration	JS6E	09/23/25 04:17
Freon 123a	3.52	Incomplete Integration	JS6E	09/23/25 04:18
1,1-Dichloroethene	3.75	Incomplete Integration	JS6E	09/23/25 04:18
Freon 113	3.79	Incomplete Integration	JS6E	09/23/25 04:18
2-Propanol	4.00	Incomplete Integration	JS6E	09/23/25 04:18
Methyl acetate	4.26	Incomplete Integration	JS6E	09/23/25 04:18
Allyl chloride	4.29	Incomplete Integration	JS6E	09/23/25 04:18
Methylene Chloride	4.49	Incomplete Integration	JS6E	09/23/25 04:31
t-Butyl alcohol-d10 (IS)	4.52	Incomplete Integration	JS6E	09/23/25 04:18
t-Butyl alcohol	4.66	Incomplete Integration	JS6E	09/23/25 04:18
trans-1,2-Dichloroethene	4.92	Incomplete Integration	JS6E	09/23/25 04:19
n-Hexane	5.34	Incomplete Integration	JS6E	09/23/25 04:19
1,1-Dichloroethane	5.60	Incomplete Integration	JS6E	09/23/25 04:19
Isopropyl ether	5.66	Incomplete Integration	JS6E	09/23/25 04:19
2-Chloro-1,3-butadiene	5.69	Incomplete Integration	JS6E	09/23/25 04:19
Ethyl t-butyl ether	6.18	Incomplete Integration	JS6E	09/23/25 04:19
2-Butanone (MEK)	6.40	Incomplete Integration	JS6E	09/23/25 04:19
cis-1,2-Dichloroethene	6.42	Incomplete Integration	JS6E	09/23/25 04:20
2,2-Dichloropropane	6.45	Incomplete Integration	JS6E	09/23/25 04:20
Propionitrile	6.50	Incomplete Integration	JS6E	09/23/25 04:20
Methacrylonitrile	6.71	Incomplete Integration	JS6E	09/23/25 04:20
1,1,1-Trichloroethane	7.12	Incomplete Integration	JS6E	09/23/25 04:20
Benzene	7.60	Incomplete Integration	JS6E	09/23/25 04:20
t-Amyl methyl ether	7.77	Incomplete Integration	JS6E	09/23/25 04:20
Trichloroethene	8.47	Incomplete Integration	JS6E	09/23/25 04:20
1,2-Dichloropropane	8.80	Incomplete Integration	JS6E	09/23/25 04:20
1,3-Dichloropropane	10.62	Incomplete Integration	JS6E	09/23/25 04:21
1,2,3-Trichloropropane	12.47	Incomplete Integration	JS6E	09/23/25 04:21
tert-Butylbenzene	12.88	Incomplete Integration	JS6E	09/23/25 04:21

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 702728

Lab Sample ID: IC 410-702728/13

Client Sample ID:

Date Analyzed: 09/22/25 22:59

Lab File ID: NS22X23.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dichlorobenzene	13.21	Incomplete Integration	JS6E	09/23/25 04:22

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 711952

Lab Sample ID: CCVIS 410-711952/3

Client Sample ID:

Date Analyzed: 10/10/25 10:03

Lab File ID: NC10X02.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Propanol	3.98	Incomplete Integration	TQ4J	10/10/25 10:46
n-Hexane	5.34	Incomplete Integration	TQ4J	10/10/25 10:46
1,1-Dichloroethane	5.58	Incomplete Integration	TQ4J	10/10/25 10:46
2-Chloro-1,3-butadiene	5.69	Peak assignment corrected	TQ4J	10/10/25 10:47
Ethyl t-butyl ether	6.18	Incomplete Integration	TQ4J	10/10/25 10:47
1,2,3-Trichloropropane	12.48	Peak assignment corrected	TQ4J	10/10/25 10:47

Lab Sample ID: LCS 410-711952/5

Client Sample ID:

Date Analyzed: 10/10/25 10:42

Lab File ID: NC10X04.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	3.75	Incomplete Integration	TQ4J	10/10/25 12:18
Methylene Chloride	4.48	Incomplete Integration	TQ4J	10/10/25 12:19
Benzene	7.60	Incomplete Integration	TQ4J	10/10/25 12:19
Trichloroethene	8.47	Peak assignment corrected	TQ4J	10/10/25 12:20
1,2-Dichloropropane	8.80	Incomplete Integration	TQ4J	10/10/25 12:20

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 9355

Analysis Batch Number: 664115

Lab Sample ID: IC 410-664115/18

Client Sample ID:

Date Analyzed: 06/27/25 16:57

Lab File ID: YU27X12.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.55	Incomplete Integration	Y6ZN	06/27/25 18:42
t-Butyl alcohol	3.93	Split Peak	Y6ZN	06/27/25 18:42
Methyl acrylate	5.81	Split Peak	Y6ZN	06/27/25 18:42
1,2-Dichloroethane	7.00	Split Peak	Y6ZN	06/27/25 18:43
1,4-Dioxane	8.27	Incomplete Integration	Y6ZN	06/27/25 18:44

Lab Sample ID: IC 410-664115/17

Client Sample ID:

Date Analyzed: 06/27/25 17:20

Lab File ID: YU27X13.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	3.93	Split Peak	Y6ZN	06/27/25 18:45
Methyl acrylate	5.82	Split Peak	Y6ZN	06/27/25 18:46
1,4-Dioxane	8.25	Split Peak	Y6ZN	06/27/25 18:46

Lab Sample ID: ICIS 410-664115/16

Client Sample ID:

Date Analyzed: 06/27/25 17:42

Lab File ID: YU27X14.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	3.93	Split Peak	Y6ZN	06/27/25 18:37
Methyl acrylate	5.81	Split Peak	Y6ZN	06/27/25 18:38
1,4-Dioxane	8.26	Split Peak	Y6ZN	06/27/25 18:38

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 9355

Analysis Batch Number: 664115

Lab Sample ID: IC 410-664115/15

Client Sample ID:

Date Analyzed: 06/27/25 18:05

Lab File ID: YU27X15.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	3.95	Split Peak	Y6ZN	06/27/25 18:47
Methyl acrylate	5.83	Split Peak	Y6ZN	06/27/25 18:47
1,4-Dioxane	8.25	Incomplete Integration	Y6ZN	06/27/25 18:48

Lab Sample ID: IC 410-664115/14

Client Sample ID:

Date Analyzed: 06/27/25 18:27

Lab File ID: YU27X16.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Propanol	3.38	Baseline	Y6ZN	06/27/25 19:22
t-Butyl alcohol	3.93	Split Peak	Y6ZN	06/27/25 19:22
Methyl acrylate	5.84	Split Peak	Y6ZN	06/27/25 19:23

Lab Sample ID: IC 410-664115/13

Client Sample ID:

Date Analyzed: 06/27/25 18:50

Lab File ID: YU27X17.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Propanol	3.38	Baseline	Y6ZN	06/27/25 19:24
t-Butyl alcohol	3.94	Baseline	Y6ZN	06/27/25 19:24

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 9355

Analysis Batch Number: 664115

Lab Sample ID: IC 410-664115/12

Client Sample ID:

Date Analyzed: 06/27/25 19:12

Lab File ID: YU27X18.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Butadiene	2.08	Baseline	Y6ZN	06/27/25 19:45
n-Pentane	2.76	Baseline	Y6ZN	06/27/25 19:46
2-Propanol	3.37	Split Peak	Y6ZN	06/27/25 19:46
Carbon disulfide	3.51	Incomplete Integration	Y6ZN	06/27/25 19:52
2-Butanone (MEK)	5.71	Baseline	Y6ZN	06/27/25 19:47
Methyl acrylate	5.87	Assign Peak	Y6ZN	06/27/25 19:47
Bromodichloromethane	8.51	Incomplete Integration	Y6ZN	06/27/25 19:47

Lab Sample ID: ICV 410-664115/20

Client Sample ID:

Date Analyzed: 06/27/25 19:57

Lab File ID: YU27X20.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl acrylate	5.83	Split Peak	UCB5	07/01/25 09:31

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 9355

Analysis Batch Number: 713392

Lab Sample ID: CCVIS 410-713392/3

Client Sample ID:

Date Analyzed: 10/13/25 23:09

Lab File ID: YC13X52.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Propanol	3.38	Incomplete Integration	S8BP	10/13/25 23:53
Carbon disulfide	3.57	Split Peak	S8BP	10/13/25 23:54
Methyl acetate	3.62	Baseline	S8BP	10/13/25 23:54

Lab Sample ID: LCSD 410-713392/5

Client Sample ID:

Date Analyzed: 10/13/25 23:54

Lab File ID: YC13X54.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.58	Split Peak	S8BP	10/14/25 00:21

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_4ppb_00013	07/03/25	06/27/25	DI Water, Lot DI 25118	1000 mL	MSV_CCV_2CEVE_00233	4 uL	2-Chloroethyl vinyl ether	4 ug/L
					MSV_CCV_GASES_01062	2 uL	1,2-Dichloro-1,1,2-trifluoroethane	4 ug/L
							Bromomethane	4 ug/L
							Butadiene	4 ug/L
							Chloroethane	4 ug/L
							Chloromethane	4 ug/L
							Dichlorodifluoromethane	4 ug/L
							Dichlorofluoromethane	4 ug/L
							Trichlorofluoromethane	4 ug/L
							Vinyl chloride	4 ug/L
					MSV_CCV_OH_Sp_00022	4 uL	2-Ethylhexyl acrylate	3.99789 ug/L
							n-Butyl acrylate	3.99833 ug/L
							Ethyl acrylate	4.00142 ug/L
							Methyl acrylate	4.00074 ug/L
					MSV_CCV_VOC#1_00241	4 uL	1,1,1,2-Tetrachloroethane	4 ug/L
							1,1,1-Trichloroethane	4 ug/L
							1,1,2,2-Tetrachloroethane	4 ug/L
							1,1,2-Trichloroethane	4 ug/L
							1,1-Dichloroethane	4 ug/L
							1,1-Dichloroethene	4 ug/L
							1,1-Dichloropropene	4 ug/L
							1,2,3-Trichlorobenzene	4 ug/L
							1,2,3-Trichloropropane	4 ug/L
							1,2,4-Trichlorobenzene	4 ug/L
							1,2,4-Trimethylbenzene	4 ug/L
							1,2-Dibromo-3-Chloropropane	4 ug/L
							1,2-Dibromoethane (EDB)	4 ug/L
							1,2-Dichlorobenzene	4 ug/L
							1,2-Dichloroethane	4 ug/L
							1,2-Dichloropropane	4 ug/L
							1,3,5-Trimethylbenzene	4 ug/L
							1,3-Dichlorobenzene	4 ug/L
							1,3-Dichloropropane	4 ug/L
							1,4-Dichlorobenzene	4 ug/L
							2,2-Dichloropropane	4 ug/L
							2-Chlorotoluene	4 ug/L
							4-Chlorotoluene	4 ug/L
							4-Isopropyltoluene	4 ug/L
							Benzene	4 ug/L
							Bromobenzene	4 ug/L
							Bromochloromethane	4 ug/L
							Bromodichloromethane	4 ug/L
							Bromoform	4 ug/L
							Carbon tetrachloride	4 ug/L
							Chlorobenzene	4 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	4 ug/L
							cis-1,2-Dichloroethene	4 ug/L
							cis-1,3-Dichloropropene	4 ug/L
							Dibromochloromethane	4 ug/L
							Dibromomethane	4 ug/L
							Ethylbenzene	4 ug/L
							Hexachlorobutadiene	4 ug/L
							Isopropylbenzene	4 ug/L
							m-Xylene & p-Xylene	8 ug/L
							Methylene Chloride	4 ug/L
							n-Butylbenzene	4 ug/L
							N-Propylbenzene	4 ug/L
							Naphthalene	4 ug/L
							o-Xylene	4 ug/L
							sec-Butylbenzene	4 ug/L
							Styrene	4 ug/L
							tert-Butylbenzene	4 ug/L
							Tetrachloroethene	4 ug/L
							Toluene	4 ug/L
							trans-1,2-Dichloroethene	4 ug/L
							trans-1,3-Dichloropropene	4 ug/L
							Trichloroethene	4 ug/L
							1,1,2-Trichloro-1,2,2-trifluoroethane	4 ug/L
							1,2,3-Trimethylbenzene	4 ug/L
							1,3,5-Trichlorobenzene	4 ug/L
							1,3-Diethylbenzene	4 ug/L
							1,4-Dioxane	50 ug/L
							1-Chlorohexane	4 ug/L
							2-Chloro-1,3-butadiene	4 ug/L
							2-ethoxy-2-methyl butane	4 ug/L
							2-Methyl-2-propanol	20 ug/L
							2-Methylnaphthalene	4 ug/L
							2-Nitropropane	20 ug/L
							3-Chloro-1-propene	4 ug/L
							Acrylonitrile	10 ug/L
							Benzyl chloride	4 ug/L
							Carbon disulfide	4 ug/L
							Cyclohexane	4 ug/L
							Ethyl methacrylate	4 ug/L
							Hexane	4 ug/L
							Iodomethane	4 ug/L
							Isobutyl alcohol	50 ug/L
							Isopropyl alcohol	20 ug/L
							Isopropyl ether	4 ug/L
							Methacrylonitrile	10 ug/L
							Methyl acetate	4 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	4 ug/L
							Methyl tert-butyl ether	4 ug/L
							Methylcyclohexane	4 ug/L
							n-Butanol	50 ug/L
							n-Heptane	4 ug/L
							o-diethylbenzene	4 ug/L
							p-Diethylbenzene	4 ug/L
							Pentane	4 ug/L
							Propionitrile	20 ug/L
							Tert-amyl methyl ether	4 ug/L
							Tert-butyl ethyl ether	4 ug/L
							Tetrahydrofuran	20 ug/L
							trans-1,4-Dichloro-2-butene	10 ug/L
					MSV_CCV_VOC#3_00242	3.2 uL	Acrolein	39.0352 ug/L
							2-Butanone (MEK)	8 ug/L
							2-Hexanone	8 ug/L
							4-Methyl-2-pentanone (MIBK)	8 ug/L
							Acetone	8 ug/L
.MSV_CCV_2CEVE_00233	07/23/25	06/23/25	Methanol, Lot EH471	5 mL	MSV_V_2CLEVE_00238	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
..MSV_V_2CLEVE_00238	05/31/27		Restek, Lot A0211425		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
.MSV_CCV_GASES_01062	07/03/25		Restek, Lot A0212054		(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
.MSV_CCV_OH_Sp_00022	07/07/25	06/17/25	Methanol, Lot EH822	1 mL	MSV_V_Acr_Std_00009	200 uL	2-Ethylhexyl acrylate	999.472 ug/mL
							n-Butyl acrylate	999.582 ug/mL
							Ethyl acrylate	1000.35 ug/mL
							Methyl acrylate	1000.19 ug/mL
..MSV_V_Acr_Std_00009	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_MStk_2E6A_00005	0.887 mL	2-Ethylhexyl acrylate	4997.36 ug/mL
					MSV_MStk_BAcr_00006	1.004 mL	n-Butyl acrylate	4997.91 ug/mL
					MSV_MStk_EtAc_00005	1.007 mL	Ethyl acrylate	5001.77 ug/mL
					MSV_MStk_MAc_00005	0.904 mL	Methyl acrylate	5000.93 ug/mL
...MSV_MStk_2E6A_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_2Eth6Acry_00001	0.5634 g	2-Ethylhexyl acrylate	56340 ug/mL
....MSV_2Eth6Acry_00001	02/28/28		Sigma Aldrich, Lot MKCN1302		(Purchased Reagent)		2-Ethylhexyl acrylate	1 g/g
...MSV_MStk_BAcr_00006	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_nButylAcr_00006	0.4978 g	n-Butyl acrylate	49780 ug/mL
....MSV_nButylAcr_00006	01/31/26		Chem Service, Lot 14061100		(Purchased Reagent)		n-Butyl acrylate	1 g/g
...MSV_MStk_EtAc_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_EthylAcr_00004	0.4967 g	Ethyl acrylate	49670 ug/mL
....MSV_EthylAcr_00004	03/31/26		Chem Service, Lot 15464400		(Purchased Reagent)		Ethyl acrylate	1 g/g
...MSV_MStk_MAc_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcr_00004	0.5532 g	Methyl acrylate	55320 ug/mL
....MSV_MethylAcr_00004	01/31/26		Chem Service, Lot 14862200		(Purchased Reagent)		Methyl acrylate	1 g/g
.MSV_CCV_VOC#1_00241	07/23/25	06/23/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00238	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,1-Dichloropropene	1000 ug/mL
							1,2,3-Trichlorobenzene	1000 ug/mL
							1,2,3-Trichloropropane	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2,4-Trimethylbenzene	1000 ug/mL
							1,2-Dibromo-3-Chloropropane	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							1,3,5-Trimethylbenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dichloropropane	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,2-Dichloropropane	1000 ug/mL
							2-Chlorotoluene	1000 ug/mL
							4-Chlorotoluene	1000 ug/mL
							4-Isopropyltoluene	1000 ug/mL
							Benzene	1000 ug/mL
							Bromobenzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Dibromomethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Isopropylbenzene	1000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	1000 ug/mL
							n-Butylbenzene	1000 ug/mL
							N-Propylbenzene	1000 ug/mL
							Naphthalene	1000 ug/mL
							o-Xylene	1000 ug/mL
							sec-Butylbenzene	1000 ug/mL
							Styrene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
					MSV_MegaMix#2_00242	1 mL	1,1,2-Trichloro-1,2,2-trifluor oethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL
							1,3-Diethylbenzene	1000 ug/mL
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-ethoxy-2-methyl butane	1000 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitropropane	5000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Acrylonitrile	2500 ug/mL
							Benzyl chloride	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Cyclohexane	1000 ug/mL
							Ethyl methacrylate	1000 ug/mL
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL
							o-diethylbenzene	1000 ug/mL
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
..MSV_MegaMIX#1_00238	07/23/25	Restek, Lot A0211483			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,1-Dichloropropene	5000 ug/mL
							1,2,3-Trichlorobenzene	5000 ug/mL
							1,2,3-Trichloropropane	5000 ug/mL
							1,2,4-Trichlorobenzene	5000 ug/mL
							1,2,4-Trimethylbenzene	5000 ug/mL
							1,2-Dibromo-3-Chloropropane	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichlorobenzene	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							1,3,5-Trimethylbenzene	5000 ug/mL
							1,3-Dichlorobenzene	5000 ug/mL
							1,3-Dichloropropane	5000 ug/mL
							1,4-Dichlorobenzene	5000 ug/mL
							2,2-Dichloropropane	5000 ug/mL
							2-Chlorotoluene	5000 ug/mL
							4-Chlorotoluene	5000 ug/mL
							4-Isopropyltoluene	5000 ug/mL
							Benzene	5000 ug/mL
							Bromobenzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Dibromomethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL
							Isopropylbenzene	5000 ug/mL
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL
							sec-Butylbenzene	5000 ug/mL
							Styrene	5000 ug/mL
							tert-Butylbenzene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
..MSV_MegaMix#2_00242	07/23/25		Restek, Lot A0212010		(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluoroethane	5000 ug/mL
							1,2,3-Trimethylbenzene	5000 ug/mL
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL
							Cyclohexane	5000 ug/mL
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
.MSV_CCV_VOC#3_00242	07/23/25	06/23/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00028	0.5 mL	Acrolein	12198.5 ug/mL
					MSV_V_Ketones_00236	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..MSV_CCV_ACR_00028	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00048	9.042 mL	Acrolein	121985 ug/mL
...MSV_VACR_STK_00048	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00041	1.4522 g	Acrolein	134909 ug/mL
...MSV_ACROLEIN_00041	08/31/25	Chem Service, Lot 15604100			(Purchased Reagent)		Acrolein	0.929 g/g
..MSV_V_Ketones_00236	04/30/27	Restek, Lot A0210935			(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_4ppbEE_00642	08/18/25	08/11/25	DI Water, Lot DI 25118	1000 mL	MSV_CCV_2CEVE_00240	4 uL	2-Chloroethyl vinyl ether	4 ug/L
					MSV_CCV_CYC_00012	32 uL	Cyclohexanone	200.004 ug/L
					MSV_CCV_EE_00009	4 uL	Ethyl ether	4.00133 ug/L
					MSV_CCV_GASES_01127	2 uL	1,2-Dichloro-1,1,2-trifluoroethane	4 ug/L
							Bromomethane	4 ug/L
							Butadiene	4 ug/L
							Chloroethane	4 ug/L
							Chloromethane	4 ug/L
							Dichlorodifluoromethane	4 ug/L
							Dichlorofluoromethane	4 ug/L
							Trichlorofluoromethane	4 ug/L
							Vinyl chloride	4 ug/L
					MSV_CCV_VOC#1_00248	4 uL	1,1,1,2-Tetrachloroethane	4 ug/L
							1,1,1-Trichloroethane	4 ug/L
							1,1,2,2-Tetrachloroethane	4 ug/L
							1,1,2-Trichloroethane	4 ug/L
							1,1-Dichloroethane	4 ug/L
							1,1-Dichloroethene	4 ug/L
							1,1-Dichloropropene	4 ug/L
							1,2,3-Trichlorobenzene	4 ug/L
							1,2,3-Trichloropropane	4 ug/L
							1,2,4-Trichlorobenzene	4 ug/L
							1,2,4-Trimethylbenzene	4 ug/L
							1,2-Dibromo-3-Chloropropane	4 ug/L
							1,2-Dibromoethane (EDB)	4 ug/L
							1,2-Dichlorobenzene	4 ug/L
							1,2-Dichloroethane	4 ug/L
							1,2-Dichloropropane	4 ug/L
							1,3,5-Trimethylbenzene	4 ug/L
							1,3-Dichlorobenzene	4 ug/L
							1,3-Dichloropropane	4 ug/L
							1,4-Dichlorobenzene	4 ug/L
							2,2-Dichloropropane	4 ug/L
							2-Chlorotoluene	4 ug/L
							4-Chlorotoluene	4 ug/L
							4-Isopropyltoluene	4 ug/L
							Benzene	4 ug/L
							Bromobenzene	4 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromochloromethane	4 ug/L
							Bromodichloromethane	4 ug/L
							Bromoform	4 ug/L
							Carbon tetrachloride	4 ug/L
							Chlorobenzene	4 ug/L
							Chloroform	4 ug/L
							cis-1,2-Dichloroethene	4 ug/L
							cis-1,3-Dichloropropene	4 ug/L
							Dibromochloromethane	4 ug/L
							Dibromomethane	4 ug/L
							Ethylbenzene	4 ug/L
							Hexachlorobutadiene	4 ug/L
							Isopropylbenzene	4 ug/L
							m-Xylene & p-Xylene	8 ug/L
							Methylene Chloride	4 ug/L
							n-Butylbenzene	4 ug/L
							N-Propylbenzene	4 ug/L
							Naphthalene	4 ug/L
							o-Xylene	4 ug/L
							sec-Butylbenzene	4 ug/L
							Styrene	4 ug/L
							tert-Butylbenzene	4 ug/L
							Tetrachloroethene	4 ug/L
							Toluene	4 ug/L
							trans-1,2-Dichloroethene	4 ug/L
							trans-1,3-Dichloropropene	4 ug/L
							Trichloroethene	4 ug/L
							1,1,2-Trichloro-1,2,2-trifluoroethane	4 ug/L
							1,2,3-Trimethylbenzene	4 ug/L
							1,3,5-Trichlorobenzene	4 ug/L
							1,3-Diethylbenzene	4 ug/L
							1,4-Dioxane	50 ug/L
							1-Chlorohexane	4 ug/L
							2-Chloro-1,3-butadiene	4 ug/L
							2-ethoxy-2-methyl butane	4 ug/L
							2-Methyl-2-propanol	20 ug/L
							2-Methylnaphthalene	4 ug/L
							2-Nitropropane	20 ug/L
							3-Chloro-1-propene	4 ug/L
							Acrylonitrile	10 ug/L
							Benzyl chloride	4 ug/L
							Carbon disulfide	4 ug/L
							Cyclohexane	4 ug/L
							Ethyl methacrylate	4 ug/L
							Hexane	4 ug/L
							Iodomethane	4 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isobutyl alcohol	50 ug/L
							Isopropyl alcohol	20 ug/L
							Isopropyl ether	4 ug/L
							Methacrylonitrile	10 ug/L
							Methyl acetate	4 ug/L
							Methyl methacrylate	4 ug/L
							Methyl tert-butyl ether	4 ug/L
							Methylcyclohexane	4 ug/L
							n-Butanol	50 ug/L
							n-Heptane	4 ug/L
							o-diethylbenzene	4 ug/L
							p-Diethylbenzene	4 ug/L
							Pentane	4 ug/L
							Propionitrile	20 ug/L
							Tert-amyl methyl ether	4 ug/L
							Tert-butyl ethyl ether	4 ug/L
							Tetrahydrofuran	20 ug/L
							trans-1,4-Dichloro-2-butene	10 ug/L
					MSV_CCV_VOC#3_00250	3.2 uL	Acrolein	39.0352 ug/L
					MSV_V_Acr_Std_00010	0.8 uL	2-Butanone (MEK)	8 ug/L
							2-Hexanone	8 ug/L
							4-Methyl-2-pentanone (MIBK)	8 ug/L
							Acetone	8 ug/L
							2-Ethylhexyl acrylate	4.00068 ug/L
.MSV_CCV_2CEVE_00240	09/03/25	08/11/25	Methanol, Lot EH471	5 mL	MSV_V_2CLEVE_00248	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
..MSV_V_2CLEVE_00248	04/30/28		Restek, Lot A0225196		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
.MSV_CCV_CYC_00012	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	200 mL	MSV_VCYC_STK_00015	9.828 mL	Cyclohexanone	6250.12 ug/mL
..MSV_VCYC_STK_00015	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	10 mL	MSV_CYC_00014	1.2719 g	Cyclohexanone	127190 ug/mL
...MSV_CYC_00014	02/28/29		Chem Service, Lot 16092200		(Purchased Reagent)		Cyclohexanone	1 g/g
.MSV_CCV_EE_00009	11/03/25	05/03/25	Methanol, Lot EH471	50 mL	MSV_EE_MISCSK_00016	1.502 mL	Ethyl ether	1000.33 ug/mL
..MSV_EE_MISCSK_00016	11/03/25	05/03/25	Methanol, Lot EH471	10 mL	MSV_EE_Neat_00013	0.333 g	Ethyl ether	33300 ug/mL
...MSV_EE_Neat_00013	06/30/27		Chem Service, Lot 15507600		(Purchased Reagent)		Ethyl ether	1 g/g
.MSV_CCV_GASES_01127	08/18/25		Restek, Lot A0225685		(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MSV_CCV_VOC#1_00248	09/10/25	08/11/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00246	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,1-Dichloropropene	1000 ug/mL
							1,2,3-Trichlorobenzene	1000 ug/mL
							1,2,3-Trichloropropane	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2,4-Trimethylbenzene	1000 ug/mL
							1,2-Dibromo-3-Chloropropane	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							1,3,5-Trimethylbenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dichloropropane	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,2-Dichloropropane	1000 ug/mL
							2-Chlorotoluene	1000 ug/mL
							4-Chlorotoluene	1000 ug/mL
							4-Isopropyltoluene	1000 ug/mL
							Benzene	1000 ug/mL
							Bromobenzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Dibromomethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Isopropylbenzene	1000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	1000 ug/mL
							n-Butylbenzene	1000 ug/mL
							N-Propylbenzene	1000 ug/mL
							Naphthalene	1000 ug/mL
							o-Xylene	1000 ug/mL
							sec-Butylbenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	1000 ug/mL
							tert-Butylbenzene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
					MSV_MegaMix#2_00248	1 mL	1,1,2-Trichloro-1,2,2-trifluor oethane	1000 ug/mL
					1,2,3-Trimethylbenzene		1000 ug/mL	
					1,3,5-Trichlorobenzene		1000 ug/mL	
					1,3-Diethylbenzene		1000 ug/mL	
					1,4-Dioxane		12500 ug/mL	
					1-Chlorohexane		1000 ug/mL	
					2-Chloro-1,3-butadiene		1000 ug/mL	
					2-ethoxy-2-methyl butane		1000 ug/mL	
					2-Methyl-2-propanol		5000 ug/mL	
					2-Methylnaphthalene		1000 ug/mL	
					2-Nitropropane		5000 ug/mL	
					3-Chloro-1-propene		1000 ug/mL	
					Acrylonitrile		2500 ug/mL	
					Benzyl chloride		1000 ug/mL	
					Carbon disulfide		1000 ug/mL	
					Cyclohexane		1000 ug/mL	
					Ethyl methacrylate		1000 ug/mL	
					Hexane		1000 ug/mL	
					Iodomethane		1000 ug/mL	
					Isobutyl alcohol		12500 ug/mL	
					Isopropyl alcohol		5000 ug/mL	
					Isopropyl ether		1000 ug/mL	
					Methacrylonitrile		2500 ug/mL	
					Methyl acetate		1000 ug/mL	
					Methyl methacrylate		1000 ug/mL	
					Methyl tert-butyl ether		1000 ug/mL	
					Methylcyclohexane		1000 ug/mL	
					n-Butanol		12500 ug/mL	
					n-Heptane		1000 ug/mL	
					o-diethylbenzene		1000 ug/mL	
					p-Diethylbenzene		1000 ug/mL	
					Pentane		1000 ug/mL	
					Propionitrile		5000 ug/mL	
					Tert-amyl methyl ether		1000 ug/mL	
					Tert-butyl ethyl ether		1000 ug/mL	
					Tetrahydrofuran		5000 ug/mL	
					trans-1,4-Dichloro-2-butene		2500 ug/mL	
..MSV_MegaMIX#1_00246	09/10/25	Restek, Lot A0224890			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,1-Dichloropropene	5000 ug/mL
							1,2,3-Trichlorobenzene	5000 ug/mL
							1,2,3-Trichloropropane	5000 ug/mL
							1,2,4-Trichlorobenzene	5000 ug/mL
							1,2,4-Trimethylbenzene	5000 ug/mL
							1,2-Dibromo-3-Chloropropane	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichlorobenzene	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							1,3,5-Trimethylbenzene	5000 ug/mL
							1,3-Dichlorobenzene	5000 ug/mL
							1,3-Dichloropropane	5000 ug/mL
							1,4-Dichlorobenzene	5000 ug/mL
							2,2-Dichloropropane	5000 ug/mL
							2-Chlorotoluene	5000 ug/mL
							4-Chlorotoluene	5000 ug/mL
							4-Isopropyltoluene	5000 ug/mL
							Benzene	5000 ug/mL
							Bromobenzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Dibromomethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL
							Isopropylbenzene	5000 ug/mL
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL
							sec-Butylbenzene	5000 ug/mL
							Styrene	5000 ug/mL
							tert-Butylbenzene	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..MSV_MegaMix#2_00248	09/10/25		Restek, Lot A0226118		(Purchased Reagent)		Tetrachloroethene	5000 ug/mL
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	5000 ug/mL
							1,2,3-Trimethylbenzene	5000 ug/mL
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL
							Cyclohexane	5000 ug/mL
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
.MSV_CCV_VOC#3_00250	08/18/25	08/11/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00028	0.5 mL	Acrolein	12198.5 ug/mL
					MSV_V_Ketones_00241	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..MSV_CCV_ACR_00028	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00048	9.042 mL	Acetone	2500 ug/mL
...MSV_VACR_STK_00048	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00041	1.4522 g	Acrolein	121985 ug/mL
...MSV_ACROLEIN_00041	08/31/25		Chem Service, Lot 15604100		(Purchased Reagent)		Acrolein	134909 ug/mL
..MSV_V_Ketones_00241	04/30/27		Restek, Lot A0210935		(Purchased Reagent)		Acrolein	0.929 g/g
							2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.MSV_V_Acr_Std_00010	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MStk_2E6A_00006	0.618 mL	2-Ethylhexyl acrylate	5000.86 ug/mL
					MSV_MStk_BACr_00007	0.925 mL	n-Butyl acrylate	5000.55 ug/mL
					MSV_MStk_EtAc_00006	1.04 mL	Ethyl acrylate	5002.4 ug/mL
					MSV_MStk_MACr_00006	1.063 mL	Methyl acrylate	5001.42 ug/mL
..MSV_MStk_2E6A_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_2Eth6Acry_00001	0.8092 g	2-Ethylhexyl acrylate	80920 ug/mL
...MSV_2Eth6Acry_00001	02/28/28		Sigma Aldrich, Lot MKCN1302		(Purchased Reagent)		2-Ethylhexyl acrylate	1 g/g
..MSV_MStk_BACr_00007	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_nButylAcr_00007	0.5406 g	n-Butyl acrylate	54060 ug/mL
...MSV_nButylAcr_00007	01/31/26		Chem Service, Lot 14061100		(Purchased Reagent)		n-Butyl acrylate	1 g/g
..MSV_MStk_EtAc_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_EthylAcr_00005	0.481 g	Ethyl acrylate	48100 ug/mL
...MSV_EthylAcr_00005	03/31/26		Chem Service, Lot 15464400		(Purchased Reagent)		Ethyl acrylate	1 g/g
..MSV_MStk_MACr_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcr_00005	0.4705 g	Methyl acrylate	47050 ug/mL
...MSV_MethylAcr_00005	01/31/26		Chem Service, Lot 14862200		(Purchased Reagent)		Methyl acrylate	1 g/g
MSV_4ppbEE_00647	10/09/25	10/07/25	DI Water, Lot DI 25118	1000 mL	MSV_CCV_2CEVE_00249	4 uL	2-Chloroethyl vinyl ether	4 ug/L
					MSV_CCV_CYC_00012	32 uL	Cyclohexanone	200.004 ug/L
					MSV_CCV_EE_00009	4 uL	Ethyl ether	4.00133 ug/L
					MSV_CCV_GASES_01142	2 uL	1,2-Dichloro-1,1,2-trifluoroethane	4 ug/L
							Bromomethane	4 ug/L
							Butadiene	4 ug/L
							Chloroethane	4 ug/L
							Chloromethane	4 ug/L
							Dichlorodifluoromethane	4 ug/L
							Dichlorofluoromethane	4 ug/L
							Trichlorofluoromethane	4 ug/L
							Vinyl chloride	4 ug/L
					MSV_CCV_VOC#1_00256	4 uL	1,1,1,2-Tetrachloroethane	4 ug/L
							1,1,1-Trichloroethane	4 ug/L
							1,1,2,2-Tetrachloroethane	4 ug/L
							1,1,2-Trichloroethane	4 ug/L
							1,1-Dichloroethane	4 ug/L
							1,1-Dichloroethene	4 ug/L
							1,1-Dichloropropene	4 ug/L
							1,2,3-Trichlorobenzene	4 ug/L
							1,2,3-Trichloropropane	4 ug/L
							1,2,4-Trichlorobenzene	4 ug/L
							1,2,4-Trimethylbenzene	4 ug/L
							1,2-Dibromo-3-Chloropropane	4 ug/L
							1,2-Dibromoethane (EDB)	4 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	4 ug/L
							1,2-Dichloroethane	4 ug/L
							1,2-Dichloropropane	4 ug/L
							1,3,5-Trimethylbenzene	4 ug/L
							1,3-Dichlorobenzene	4 ug/L
							1,3-Dichloropropane	4 ug/L
							1,4-Dichlorobenzene	4 ug/L
							2,2-Dichloropropane	4 ug/L
							2-Chlorotoluene	4 ug/L
							4-Chlorotoluene	4 ug/L
							4-Isopropyltoluene	4 ug/L
							Benzene	4 ug/L
							Bromobenzene	4 ug/L
							Bromochloromethane	4 ug/L
							Bromodichloromethane	4 ug/L
							Bromoform	4 ug/L
							Carbon tetrachloride	4 ug/L
							Chlorobenzene	4 ug/L
							Chloroform	4 ug/L
							cis-1,2-Dichloroethene	4 ug/L
							cis-1,3-Dichloropropene	4 ug/L
							Dibromochloromethane	4 ug/L
							Dibromomethane	4 ug/L
							Ethylbenzene	4 ug/L
							Hexachlorobutadiene	4 ug/L
							Isopropylbenzene	4 ug/L
							m-Xylene & p-Xylene	8 ug/L
							Methylene Chloride	4 ug/L
							n-Butylbenzene	4 ug/L
							N-Propylbenzene	4 ug/L
							Naphthalene	4 ug/L
							o-Xylene	4 ug/L
							sec-Butylbenzene	4 ug/L
							Styrene	4 ug/L
							tert-Butylbenzene	4 ug/L
							Tetrachloroethene	4 ug/L
							Toluene	4 ug/L
							trans-1,2-Dichloroethene	4 ug/L
							trans-1,3-Dichloropropene	4 ug/L
							Trichloroethene	4 ug/L
							1,1,2-Trichloro-1,2,2-trifluoroethane	4 ug/L
							1,2,3-Trimethylbenzene	4 ug/L
							1,3,5-Trichlorobenzene	4 ug/L
							1,3-Diethylbenzene	4 ug/L
							1,4-Dioxane	50 ug/L
							1-Chlorohexane	4 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chloro-1,3-butadiene	4 ug/L
							2-ethoxy-2-methyl butane	4 ug/L
							2-Methyl-2-propanol	20 ug/L
							2-Methylnaphthalene	4 ug/L
							2-Nitropropane	20 ug/L
							3-Chloro-1-propene	4 ug/L
							Acrylonitrile	10 ug/L
							Benzyl chloride	4 ug/L
							Carbon disulfide	4 ug/L
							Cyclohexane	4 ug/L
							Ethyl methacrylate	4 ug/L
							Hexane	4 ug/L
							Iodomethane	4 ug/L
							Isobutyl alcohol	50 ug/L
							Isopropyl alcohol	20 ug/L
							Isopropyl ether	4 ug/L
							Methacrylonitrile	10 ug/L
							Methyl acetate	4 ug/L
							Methyl methacrylate	4 ug/L
							Methyl tert-butyl ether	4 ug/L
							Methylcyclohexane	4 ug/L
							n-Butanol	50 ug/L
							n-Heptane	4 ug/L
							o-diethylbenzene	4 ug/L
							p-Diethylbenzene	4 ug/L
							Pentane	4 ug/L
							Propionitrile	20 ug/L
							Tert-amyl methyl ether	4 ug/L
							Tert-butyl ethyl ether	4 ug/L
							Tetrahydrofuran	20 ug/L
							trans-1,4-Dichloro-2-butene	10 ug/L
					MSV_CCV_VOC#3_00258	3.2 uL	Acrolein	39.0332 ug/L
							2-Butanone (MEK)	8 ug/L
							2-Hexanone	8 ug/L
							4-Methyl-2-pentanone (MIBK)	8 ug/L
							Acetone	8 ug/L
.MSV_CCV_2CEVE_00249	11/05/25	10/06/25	Methanol, Lot EJ274	5 mL	MSV_V_2CLEVE_00254	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
..MSV_V_2CLEVE_00254	04/30/28		Restek, Lot A0225196		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
.MSV_CCV_CYC_00012	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	200 mL	MSV_VCYC_STK_00015	9.828 mL	Cyclohexanone	6250.12 ug/mL
..MSV_VCYC_STK_00015	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	10 mL	MSV_CYC_00014	1.2719 g	Cyclohexanone	127190 ug/mL
...MSV_CYC_00014	02/28/29		Chem Service, Lot 16092200		(Purchased Reagent)		Cyclohexanone	1 g/g
.MSV_CCV_EE_00009	11/03/25	05/03/25	Methanol, Lot EH471	50 mL	MSV_EE_MISCSK_00016	1.502 mL	Ethyl ether	1000.33 ug/mL
..MSV_EE_MISCSK_00016	11/03/25	05/03/25	Methanol, Lot EH471	10 mL	MSV_EE_Neat_00013	0.333 g	Ethyl ether	33300 ug/mL
...MSV_EE_Neat_00013	06/30/27		Chem Service, Lot 15507600		(Purchased Reagent)		Ethyl ether	1 g/g

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MSV_CCV_GASES_01142	10/13/25	Restek, Lot A0225685			(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
.MSV_CCV_VOC#1_00256	11/05/25	10/06/25	Methanol, Lot EJ274	5 mL	MSV_MegaMIX#1_00253	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,1-Dichloropropene	1000 ug/mL
							1,2,3-Trichlorobenzene	1000 ug/mL
							1,2,3-Trichloropropane	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2,4-Trimethylbenzene	1000 ug/mL
							1,2-Dibromo-3-Chloropropane	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							1,3,5-Trimethylbenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dichloropropane	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,2-Dichloropropane	1000 ug/mL
							2-Chlorotoluene	1000 ug/mL
							4-Chlorotoluene	1000 ug/mL
							4-Isopropyltoluene	1000 ug/mL
							Benzene	1000 ug/mL
							Bromobenzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Dibromomethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	1000 ug/mL
							Isopropylbenzene	1000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	1000 ug/mL
							n-Butylbenzene	1000 ug/mL
							N-Propylbenzene	1000 ug/mL
							Naphthalene	1000 ug/mL
							o-Xylene	1000 ug/mL
							sec-Butylbenzene	1000 ug/mL
							Styrene	1000 ug/mL
							tert-Butylbenzene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
					MSV_MegaMix#2_00257	1 mL	1,1,2-Trichloro-1,2,2-trifluoroethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL
							1,3-Diethylbenzene	1000 ug/mL
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-ethoxy-2-methyl butane	1000 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitropropane	5000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Acrylonitrile	2500 ug/mL
							Benzyl chloride	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Cyclohexane	1000 ug/mL
							Ethyl methacrylate	1000 ug/mL
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL
							o-diethylbenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
..MSV_MegaMIX#1_00253	11/05/25		Restek, Lot A0224890		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,1-Dichloropropene	5000 ug/mL
							1,2,3-Trichlorobenzene	5000 ug/mL
							1,2,3-Trichloropropane	5000 ug/mL
							1,2,4-Trichlorobenzene	5000 ug/mL
							1,2,4-Trimethylbenzene	5000 ug/mL
							1,2-Dibromo-3-Chloropropane	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichlorobenzene	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							1,3,5-Trimethylbenzene	5000 ug/mL
							1,3-Dichlorobenzene	5000 ug/mL
							1,3-Dichloropropane	5000 ug/mL
							1,4-Dichlorobenzene	5000 ug/mL
							2,2-Dichloropropane	5000 ug/mL
							2-Chlorotoluene	5000 ug/mL
							4-Chlorotoluene	5000 ug/mL
							4-Isopropyltoluene	5000 ug/mL
							Benzene	5000 ug/mL
							Bromobenzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Dibromomethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL
							Isopropylbenzene	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL
							sec-Butylbenzene	5000 ug/mL
							Styrene	5000 ug/mL
							tert-Butylbenzene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
..MSV_MegaMix#2_00257	11/05/25		Restek, Lot A0226118		(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluoroethane	5000 ug/mL
							1,2,3-Trimethylbenzene	5000 ug/mL
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL
							Cyclohexane	5000 ug/mL
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
.MSV_CCV_VOC#3_00258	10/25/25	10/06/25	Methanol, Lot EJ274	5 mL	MSV_CCV_ACR_00030	0.5 mL	Acrolein	12197.9 ug/mL
					MSV_V_Ketones_00247	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
..MSV_CCV_ACR_00030	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00050	8.992 mL	Acrolein	121979 ug/mL
...MSV_VACR_STK_00050	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00045	1.4602 g	Acrolein	135653 ug/mL
....MSV_ACROLEIN_00045	07/31/27		Chem Service, Lot 16318500		(Purchased Reagent)		Acrolein	0.929 g/g
..MSV_V_Ketones_00247	02/28/28		Restek, Lot A0222253		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_4ppbEtoH_00802	09/23/25	09/16/25	DI Water, Lot DI 25118	500 mL	MSV_CCV_2CEVE_00245	2 uL	2-Chloroethyl vinyl ether	4 ug/L
					MSV_CCV_CYC_00012	16 uL	Cyclohexanone	200.004 ug/L
					MSV_CCV_ETOH_00011	10 uL	Ethanol	249.983 ug/L
					MSV_CCV_GASES_01119	1 uL	1,2-Dichloro-1,1,2-trifluoroethane	4 ug/L
							Bromomethane	4 ug/L
							Butadiene	4 ug/L
							Chloroethane	4 ug/L
							Chloromethane	4 ug/L
							Dichlorodifluoromethane	4 ug/L
							Dichlorofluoromethane	4 ug/L
							Trichlorofluoromethane	4 ug/L
							Vinyl chloride	4 ug/L
					MSV_CCV_OH_Sp_00025	2 uL	2-Ethylhexyl acrylate	4.00068 ug/L
							n-Butyl acrylate	4.00044 ug/L
							Ethyl acrylate	4.00192 ug/L
							Methyl acrylate	4.00113 ug/L
					MSV_CCV_VOC#1_00251	2 uL	1,1,1,2-Tetrachloroethane	4 ug/L
							1,1,1-Trichloroethane	4 ug/L
							1,1,2,2-Tetrachloroethane	4 ug/L
							1,1,2-Trichloroethane	4 ug/L
							1,1-Dichloroethane	4 ug/L
							1,1-Dichloroethene	4 ug/L
							1,1-Dichloropropene	4 ug/L
							1,2,3-Trichlorobenzene	4 ug/L
							1,2,3-Trichloropropane	4 ug/L
							1,2,4-Trichlorobenzene	4 ug/L
							1,2,4-Trimethylbenzene	4 ug/L
							1,2-Dibromo-3-Chloropropane	4 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dibromoethane (EDB)	4 ug/L
							1,2-Dichlorobenzene	4 ug/L
							1,2-Dichloroethane	4 ug/L
							1,2-Dichloropropane	4 ug/L
							1,3,5-Trimethylbenzene	4 ug/L
							1,3-Dichlorobenzene	4 ug/L
							1,3-Dichloropropane	4 ug/L
							1,4-Dichlorobenzene	4 ug/L
							2,2-Dichloropropane	4 ug/L
							2-Chlorotoluene	4 ug/L
							4-Chlorotoluene	4 ug/L
							4-Isopropyltoluene	4 ug/L
							Benzene	4 ug/L
							Bromobenzene	4 ug/L
							Bromochloromethane	4 ug/L
							Bromodichloromethane	4 ug/L
							Bromoform	4 ug/L
							Carbon tetrachloride	4 ug/L
							Chlorobenzene	4 ug/L
							Chloroform	4 ug/L
							cis-1,2-Dichloroethene	4 ug/L
							cis-1,3-Dichloropropene	4 ug/L
							Dibromochloromethane	4 ug/L
							Dibromomethane	4 ug/L
							Ethylbenzene	4 ug/L
							Hexachlorobutadiene	4 ug/L
							Isopropylbenzene	4 ug/L
							m-Xylene & p-Xylene	8 ug/L
							Methylene Chloride	4 ug/L
							n-Butylbenzene	4 ug/L
							N-Propylbenzene	4 ug/L
							Naphthalene	4 ug/L
							o-Xylene	4 ug/L
							sec-Butylbenzene	4 ug/L
							Styrene	4 ug/L
							tert-Butylbenzene	4 ug/L
							Tetrachloroethene	4 ug/L
							Toluene	4 ug/L
							trans-1,2-Dichloroethene	4 ug/L
							trans-1,3-Dichloropropene	4 ug/L
							Trichloroethene	4 ug/L
							1,1,2-Trichloro-1,2,2-trifluoroethane	4 ug/L
							1,2,3-Trimethylbenzene	4 ug/L
							1,3,5-Trichlorobenzene	4 ug/L
							1,3-Diethylbenzene	4 ug/L
							1,4-Dioxane	50 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1-Chlorohexane	4 ug/L
							2-Chloro-1,3-butadiene	4 ug/L
							2-ethoxy-2-methyl butane	4 ug/L
							2-Methyl-2-propanol	20 ug/L
							2-Methylnaphthalene	4 ug/L
							2-Nitropropane	20 ug/L
							3-Chloro-1-propene	4 ug/L
							Acrylonitrile	10 ug/L
							Benzyl chloride	4 ug/L
							Carbon disulfide	4 ug/L
							Cyclohexane	4 ug/L
							Ethyl methacrylate	4 ug/L
							Hexane	4 ug/L
							Iodomethane	4 ug/L
							Isobutyl alcohol	50 ug/L
							Isopropyl alcohol	20 ug/L
							Isopropyl ether	4 ug/L
							Methacrylonitrile	10 ug/L
							Methyl acetate	4 ug/L
							Methyl methacrylate	4 ug/L
							Methyl tert-butyl ether	4 ug/L
							Methylcyclohexane	4 ug/L
							n-Butanol	50 ug/L
							n-Heptane	4 ug/L
							o-diethylbenzene	4 ug/L
							p-Diethylbenzene	4 ug/L
							Pentane	4 ug/L
							Propionitrile	20 ug/L
							Tert-amyl methyl ether	4 ug/L
							Tert-butyl ethyl ether	4 ug/L
							Tetrahydrofuran	20 ug/L
							trans-1,4-Dichloro-2-butene	10 ug/L
					MSV_CCV_VOC#3_00253	1.1 uL	Acrolein	26.8353 ug/L
							2-Butanone (MEK)	5.5 ug/L
							2-Hexanone	5.5 ug/L
							4-Methyl-2-pentanone (MIBK)	5.5 ug/L
							Acetone	5.5 ug/L
.MSV_CCV_2CEVE_00245	10/15/25	09/15/25	Methanol, Lot EJ274	5 mL	MSV_V_2CLEVE_00256	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
..MSV_V_2CLEVE_00256	04/30/28		Restek, Lot A0225196		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
.MSV_CCV_CYC_00012	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	200 mL	MSV_VCYC_STK_00015	9.828 mL	Cyclohexanone	6250.12 ug/mL
..MSV_VCYC_STK_00015	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	10 mL	MSV_CYC_00014	1.2719 g	Cyclohexanone	127190 ug/mL
...MSV_CYC_00014	02/28/29		Chem Service, Lot 16092200		(Purchased Reagent)		Cyclohexanone	1 g/g
.MSV_CCV_ETOH_00011	03/09/26	09/09/25	Methanol, Lot EH471	100 mL	MSV_VETOH_STK_00018	6.423 mL	Ethanol	12499.2 ug/mL
..MSV_VETOH_STK_00018	03/09/26	09/09/25	Methanol, Lot EH471	10 mL	MSV_ETOH_00051	1.946 g	Ethanol	194600 ug/mL
...MSV_ETOH_00051	01/31/30		Chem Service, Lot 15122500		(Purchased Reagent)		Ethanol	1 g/g

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MSV_CCV_GASES_01119	09/23/25		Restek, Lot A0225685		(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
.MSV_CCV_OH_Sp_00025	10/02/25	09/02/25	Methanol, Lot EH274	1 mL	MSV_V_Acr_Std_00010	200 uL	2-Ethylhexyl acrylate	1000.17 ug/mL
							n-Butyl acrylate	1000.11 ug/mL
							Ethyl acrylate	1000.48 ug/mL
							Methyl acrylate	1000.28 ug/mL
..MSV_V_Acr_Std_00010	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MStk_2E6A_00006	0.618 mL	2-Ethylhexyl acrylate	5000.86 ug/mL
					MSV_MStk_BAcr_00007	0.925 mL	n-Butyl acrylate	5000.55 ug/mL
					MSV_MStk_EtAc_00006	1.04 mL	Ethyl acrylate	5002.4 ug/mL
					MSV_MStk_MAc_00006	1.063 mL	Methyl acrylate	5001.42 ug/mL
...MSV_MStk_2E6A_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_2Eth6Acry_00001	0.8092 g	2-Ethylhexyl acrylate	80920 ug/mL
...MSV_2Eth6Acry_00001	02/28/28		Sigma Aldrich, Lot MKCN1302		(Purchased Reagent)		2-Ethylhexyl acrylate	1 g/g
...MSV_MStk_BAcr_00007	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_nButylAcr_00007	0.5406 g	n-Butyl acrylate	54060 ug/mL
...MSV_nButylAcr_00007	01/31/26		Chem Service, Lot 14061100		(Purchased Reagent)		n-Butyl acrylate	1 g/g
...MSV_MStk_EtAc_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_EthylAcr_00005	0.481 g	Ethyl acrylate	48100 ug/mL
...MSV_EthylAcr_00005	03/31/26		Chem Service, Lot 15464400		(Purchased Reagent)		Ethyl acrylate	1 g/g
...MSV_MStk_MAc_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcr_00005	0.4705 g	Methyl acrylate	47050 ug/mL
...MSV_MethylAcr_00005	01/31/26		Chem Service, Lot 14862200		(Purchased Reagent)		Methyl acrylate	1 g/g
.MSV_CCV_VOC#1_00251	10/02/25	09/02/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00247	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,1-Dichloropropene	1000 ug/mL
							1,2,3-Trichlorobenzene	1000 ug/mL
							1,2,3-Trichloropropane	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2,4-Trimethylbenzene	1000 ug/mL
							1,2-Dibromo-3-Chloropropane	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							1,3,5-Trimethylbenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dichloropropane	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,2-Dichloropropane	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	1000 ug/mL
							4-Chlorotoluene	1000 ug/mL
							4-Isopropyltoluene	1000 ug/mL
							Benzene	1000 ug/mL
							Bromobenzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Dibromomethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Isopropylbenzene	1000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	1000 ug/mL
							n-Butylbenzene	1000 ug/mL
							N-Propylbenzene	1000 ug/mL
							Naphthalene	1000 ug/mL
							o-Xylene	1000 ug/mL
							sec-Butylbenzene	1000 ug/mL
							Styrene	1000 ug/mL
							tert-Butylbenzene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
					MSV_MegaMix#2_00255	1 mL	1,1,2-Trichloro-1,2,2-trifluoroethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL
							1,3-Diethylbenzene	1000 ug/mL
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-ethoxy-2-methyl butane	1000 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitropropane	5000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Acrylonitrile	2500 ug/mL
							Benzyl chloride	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	1000 ug/mL
							Cyclohexane	1000 ug/mL
							Ethyl methacrylate	1000 ug/mL
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL
							o-diethylbenzene	1000 ug/mL
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
..MSV_MegaMIX#1_00247	10/02/25		Restek, Lot A0224890		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,1-Dichloropropene	5000 ug/mL
							1,2,3-Trichlorobenzene	5000 ug/mL
							1,2,3-Trichloropropane	5000 ug/mL
							1,2,4-Trichlorobenzene	5000 ug/mL
							1,2,4-Trimethylbenzene	5000 ug/mL
							1,2-Dibromo-3-Chloropropane	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichlorobenzene	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							1,3,5-Trimethylbenzene	5000 ug/mL
							1,3-Dichlorobenzene	5000 ug/mL
							1,3-Dichloropropane	5000 ug/mL
							1,4-Dichlorobenzene	5000 ug/mL
							2,2-Dichloropropane	5000 ug/mL
							2-Chlorotoluene	5000 ug/mL
							4-Chlorotoluene	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	5000 ug/mL
							Benzene	5000 ug/mL
							Bromobenzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Dibromomethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL
							Isopropylbenzene	5000 ug/mL
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL
							sec-Butylbenzene	5000 ug/mL
							Styrene	5000 ug/mL
							tert-Butylbenzene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
..MSV_MegaMix#2_00255	10/02/25		Restek, Lot A0226118		(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluor oethane	5000 ug/mL
							1,2,3-Trimethylbenzene	5000 ug/mL
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL
							Cyclohexane	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
.MSV_CCV_VOC#3_00253	10/02/25	09/02/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00030	0.5 mL	Acrolein	12197.9 ug/mL
					MSV_V_Ketones_00244	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
..MSV_CCV_ACR_00030	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00050	8.992 mL	Acrolein	121979 ug/mL
...MSV_VACR_STK_00050	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00045	1.4602 g	Acrolein	135653 ug/mL
...MSV_ACROLEIN_00045	07/31/27		Chem Service, Lot 16318500		(Purchased Reagent)		Acrolein	0.929 g/g
..MSV_V_Ketones_00244	02/28/28		Restek, Lot A0222253		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_CCV_2CEVE_00233	07/23/25	06/23/25	Methanol, Lot EH471	5 mL	MSV_V_2CLEVE_00238	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
.MSV_V_2CLEVE_00238	05/31/27		Restek, Lot A0211425		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
MSV_CCV_2CEVE_00240	09/03/25	08/11/25	Methanol, Lot EH471	5 mL	MSV_V_2CLEVE_00248	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
.MSV_V_2CLEVE_00248	04/30/28		Restek, Lot A0225196		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
MSV_CCV_2CEVE_00247	10/22/25	09/22/25	Methanol, Lot EJ274	5 mL	MSV_V_2CLEVE_00253	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
.MSV_V_2CLEVE_00253	04/30/28		Restek, Lot A0225196		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
MSV_CCV_2CEVE_00249	11/05/25	10/06/25	Methanol, Lot EJ274	5 mL	MSV_V_2CLEVE_00254	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
.MSV_V_2CLEVE_00254	04/30/28		Restek, Lot A0225196		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
MSV_CCV_CYC_00012	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	200 mL	MSV_VCYC_STK_00015	9.828 mL	Cyclohexanone	6250.12 ug/mL
.MSV_VCYC_STK_00015	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	10 mL	MSV_CYC_00014	1.2719 g	Cyclohexanone	127190 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..MSV_CYC_00014	02/28/29		Chem Service, Lot 16092200		(Purchased Reagent)		Cyclohexanone	1 g/g
MSV_CCV_EE_00009	11/03/25	05/03/25	Methanol, Lot EH471	50 mL	MSV_EE_MISCSK_00016	1.502 mL	Ethyl ether	1000.33 ug/mL
.MSV_EE_MISCSK_00016	11/03/25	05/03/25	Methanol, Lot EH471	10 mL	MSV_EE_Neat_00013	0.333 g	Ethyl ether	33300 ug/mL
..MSV_EE_Neat_00013	06/30/27		Chem Service, Lot 15507600		(Purchased Reagent)		Ethyl ether	1 g/g
MSV_CCV_ETOH_00009	09/11/25	03/11/25	Methanol, Lot EH471	200 mL	MSV_VETOH_STK_00017	8.43 mL	Ethanol	12500 ug/mL
.MSV_VETOH_STK_00017	09/11/25	03/11/25	Methanol, Lot EH471	10 mL	MSV_EtOH_00050	2.9656 g	Ethanol	296560 ug/mL
..MSV_EtOH_00050	01/31/30		Chem Service, Lot 15122500		(Purchased Reagent)		Ethanol	1 g/g
MSV_CCV_ETOH_00011	03/09/26	09/09/25	Methanol, Lot EH471	100 mL	MSV_VETOH_STK_00018	6.423 mL	Ethanol	12499.2 ug/mL
.MSV_VETOH_STK_00018	03/09/26	09/09/25	Methanol, Lot EH471	10 mL	MSV_EtOH_00051	1.946 g	Ethanol	194600 ug/mL
..MSV_EtOH_00051	01/31/30		Chem Service, Lot 15122500		(Purchased Reagent)		Ethanol	1 g/g
MSV_CCV_GASES_01062	07/03/25		Restek, Lot A0212054		(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_CCV_GASES_01121	09/29/25		Restek, Lot A0225685		(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_CCV_GASES_01122	10/20/25		Restek, Lot A0225685		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_CCV_GASES_01127	08/18/25		Restek, Lot A0225685		(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

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SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_CCV_GASES_01144	10/14/25	Restek, Lot A0225685			(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_CCV_GASES_01146	10/16/25	Restek, Lot A0225685			(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_CCV_GASES_01147	10/17/25	Restek, Lot A0225685			(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_CCV_LKB_00013	09/06/25	03/06/25	Methanol, Lot EH471	50 mL	MSV V234TCB_S_00009	4.897 mL	2,3,4-Trichlorobutene	999.576 ug/mL
					MSV V34D1B_SK_00015	0.825 mL	3,4-Dichloro-1-butene	999.735 ug/mL
					MSV Vc14d_STK_00013	1.274 mL	cis-1,4-Dichloro-2-butene	999.708 ug/mL
..MSV V234TCB_S_00009	09/06/25	03/06/25	Methanol, Lot EH471	10 mL	MSV 2,3,4TCB_00013	0.108 g	2,3,4-Trichlorobutene	10206 ug/mL
..MSV 2,3,4TCB_00013	07/31/27		Chem Service, Lot 15568600		(Purchased Reagent)		2,3,4-Trichlorobutene	0.945 g/g
..MSV V34D1B_SK_00015	09/06/25	03/06/25	Methanol, Lot EH471	10 mL	MSV 3,4DC1Be_00003	0.6059 g	3,4-Dichloro-1-butene	60590 ug/mL
..MSV 3,4DC1Be_00003	08/22/27		TCI, Lot W3RMJ		(Purchased Reagent)		3,4-Dichloro-1-butene	1 g/g
..MSV Vc14d_STK_00013	09/06/25	03/06/25	Methanol, Lot EH471	10 mL	MSV c14dcb_Nt_00004	0.413 g	cis-1,4-Dichloro-2-butene	39235 ug/mL
..MSV c14dcb_Nt_00004	08/16/27		Aldrich, Lot SHBH4584V		(Purchased Reagent)		cis-1,4-Dichloro-2-butene	0.95 g/g
MSV_CCV_LKB_00014	03/03/26	09/03/25	Methanol, Lot EH471	50 mL	MSV V234TCB_S_00010	4.878 mL	2,3,4-Trichlorobutene	1000.31 ug/mL
					MSV V34D1B_SK_00016	0.592 mL	3,4-Dichloro-1-butene	1000.48 ug/mL
					MSV Vc14d_STK_00014	1.259 mL	cis-1,4-Dichloro-2-butene	999.898 ug/mL
..MSV V234TCB_S_00010	03/03/26	09/03/25	Methanol, Lot EH471	10 mL	MSV 2,3,4TCB_00019	0.1085 g	2,3,4-Trichlorobutene	10253.3 ug/mL
..MSV 2,3,4TCB_00019	07/31/27		Chem Service, Lot 15568600		(Purchased Reagent)		2,3,4-Trichlorobutene	0.945 g/g
..MSV V34D1B_SK_00016	03/03/26	09/03/25	Methanol, Lot EH471	10 mL	MSV 3,4DC1Be_00003	0.845 g	3,4-Dichloro-1-butene	84500 ug/mL
..MSV 3,4DC1Be_00003	08/22/27		TCI, Lot W3RMJ		(Purchased Reagent)		3,4-Dichloro-1-butene	1 g/g
..MSV Vc14d_STK_00014	03/03/26	09/03/25	Methanol, Lot EH471	10 mL	MSV c14dcb_Nt_00005	0.418 g	cis-1,4-Dichloro-2-butene	39710 ug/mL
..MSV c14dcb_Nt_00005	08/16/27		Aldrich, Lot SHBH4584V		(Purchased Reagent)		cis-1,4-Dichloro-2-butene	0.95 g/g
MSV_CCV_OH_Sp_00022	07/07/25	06/17/25	Methanol, Lot EH822	1 mL	MSV_V_Acr_Std_00009	200 uL	2-Ethylhexyl acrylate	999.472 ug/mL
							n-Butyl acrylate	999.582 ug/mL
							Ethyl acrylate	1000.35 ug/mL
..MSV_V_Acr_Std_00009	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_MStk_2E6A_00005	0.887 mL	2-Ethylhexyl acrylate	4997.36 ug/mL
MSV_MStk_BAc_00006					1.004 mL	n-Butyl acrylate	4997.91 ug/mL	
MSV_MStk_EtAc_00005					1.007 mL	Ethyl acrylate	5001.77 ug/mL	
MSV_MStk_MAc_00005					0.904 mL	Methyl acrylate	5000.93 ug/mL	
..MSV_MStk_2E6A_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_2Eth6Acry_00001	0.5634 g	2-Ethylhexyl acrylate	56340 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
...MSV_2Eth6Acry_00001	02/28/28		Sigma Aldrich, Lot MKCN1302		(Purchased Reagent)		2-Ethylhexyl acrylate	1 g/g
..MSV_MStk_BAcry_00006	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_nButylAcry_00006	0.4978 g	n-Butyl acrylate	49780 ug/mL
...MSV_nButylAcry_00006	01/31/26		Chem Service, Lot 14061100		(Purchased Reagent)		n-Butyl acrylate	1 g/g
..MSV_MStk_EtAc_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_EthylAcry_00004	0.4967 g	Ethyl acrylate	49670 ug/mL
...MSV_EthylAcry_00004	03/31/26		Chem Service, Lot 15464400		(Purchased Reagent)		Ethyl acrylate	1 g/g
..MSV_MStk_MAcry_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcry_00004	0.5532 g	Methyl acrylate	55320 ug/mL
...MSV_MethylAcry_00004	01/31/26		Chem Service, Lot 14862200		(Purchased Reagent)		Methyl acrylate	1 g/g
MSV_CCV_OH_Sp_00023	08/27/25	07/28/25	Methanol, Lot EH274	1 mL	MSV_V_Acry_Std_00010	200 uL	2-Ethylhexyl acrylate	1000.17 ug/mL
							n-Butyl acrylate	1000.11 ug/mL
							Ethyl acrylate	1000.48 ug/mL
							Methyl acrylate	1000.28 ug/mL
.MSV_V_Acry_Std_00010	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MStk_2E6A_00006	0.618 mL	2-Ethylhexyl acrylate	5000.86 ug/mL
					MSV_MStk_BAcry_00007	0.925 mL	n-Butyl acrylate	5000.55 ug/mL
					MSV_MStk_EtAc_00006	1.04 mL	Ethyl acrylate	5002.4 ug/mL
					MSV_MStk_MAcry_00006	1.063 mL	Methyl acrylate	5001.42 ug/mL
..MSV_MStk_2E6A_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_2Eth6Acry_00001	0.8092 g	2-Ethylhexyl acrylate	80920 ug/mL
...MSV_2Eth6Acry_00001	02/28/28		Sigma Aldrich, Lot MKCN1302		(Purchased Reagent)		2-Ethylhexyl acrylate	1 g/g
..MSV_MStk_BAcry_00007	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_nButylAcry_00007	0.5406 g	n-Butyl acrylate	54060 ug/mL
...MSV_nButylAcry_00007	01/31/26		Chem Service, Lot 14061100		(Purchased Reagent)		n-Butyl acrylate	1 g/g
..MSV_MStk_EtAc_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_EthylAcry_00005	0.481 g	Ethyl acrylate	48100 ug/mL
...MSV_EthylAcry_00005	03/31/26		Chem Service, Lot 15464400		(Purchased Reagent)		Ethyl acrylate	1 g/g
..MSV_MStk_MAcry_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcry_00005	0.4705 g	Methyl acrylate	47050 ug/mL
...MSV_MethylAcry_00005	01/31/26		Chem Service, Lot 14862200		(Purchased Reagent)		Methyl acrylate	1 g/g
MSV_CCV_OH_Sp_00026	10/22/25	09/22/25	Methanol, Lot EH274	1 mL	MSV_V_Acry_Std_00010	200 uL	2-Ethylhexyl acrylate	1000.17 ug/mL
							n-Butyl acrylate	1000.11 ug/mL
							Ethyl acrylate	1000.48 ug/mL
							Methyl acrylate	1000.28 ug/mL
.MSV_V_Acry_Std_00010	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MStk_2E6A_00006	0.618 mL	2-Ethylhexyl acrylate	5000.86 ug/mL
					MSV_MStk_BAcry_00007	0.925 mL	n-Butyl acrylate	5000.55 ug/mL
					MSV_MStk_EtAc_00006	1.04 mL	Ethyl acrylate	5002.4 ug/mL
					MSV_MStk_MAcry_00006	1.063 mL	Methyl acrylate	5001.42 ug/mL
..MSV_MStk_2E6A_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_2Eth6Acry_00001	0.8092 g	2-Ethylhexyl acrylate	80920 ug/mL
...MSV_2Eth6Acry_00001	02/28/28		Sigma Aldrich, Lot MKCN1302		(Purchased Reagent)		2-Ethylhexyl acrylate	1 g/g
..MSV_MStk_BAcry_00007	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_nButylAcry_00007	0.5406 g	n-Butyl acrylate	54060 ug/mL
...MSV_nButylAcry_00007	01/31/26		Chem Service, Lot 14061100		(Purchased Reagent)		n-Butyl acrylate	1 g/g
..MSV_MStk_EtAc_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_EthylAcry_00005	0.481 g	Ethyl acrylate	48100 ug/mL
...MSV_EthylAcry_00005	03/31/26		Chem Service, Lot 15464400		(Purchased Reagent)		Ethyl acrylate	1 g/g
..MSV_MStk_MAcry_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcry_00005	0.4705 g	Methyl acrylate	47050 ug/mL
...MSV_MethylAcry_00005	01/31/26		Chem Service, Lot 14862200		(Purchased Reagent)		Methyl acrylate	1 g/g
MSV_CCV_Penta_00069	08/22/25	07/24/25	Methanol, Lot EJ274	1 mL	MSV_V_PentaCL_00054	200 uL	Pentachloroethane	1000 ug/mL
.MSV_V_PentaCL_00054	08/22/25		Restek, Lot A0197490		(Purchased Reagent)		Pentachloroethane	5000 ug/mL
MSV_CCV_Penta_00072	10/18/25	09/22/25	Methanol, Lot EJ274	1 mL	MSV_V_PentaCL_00075	200 uL	Pentachloroethane	1000 ug/mL
.MSV_V_PentaCL_00075	10/18/25		Restek, Lot A0197490		(Purchased Reagent)		Pentachloroethane	5000 ug/mL
MSV_CCV_V5ACE_00051	08/12/25	07/13/25	Methanol, Lot EJ274	10 mL	MSV_AcetatesV_00087	1 mL	Acetonitrile	5000 ug/mL
							Ethyl acetate	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl acetate	1000 ug/mL
							n-Butyl acetate	1000 ug/mL
							n-Propyl acetate	1000 ug/mL
							Vinyl acetate	1000 ug/mL
.MSV_AcetatesV_00087	11/30/25		Restek, Lot A0211993		(Purchased Reagent)		Acetonitrile	50000 ug/mL
							Ethyl acetate	10000 ug/mL
							Isopropyl acetate	10000 ug/mL
							n-Butyl acetate	10000 ug/mL
							n-Propyl acetate	10000 ug/mL
							Vinyl acetate	10000 ug/mL
MSV_CCV_V5ACE_00054	10/10/25	09/10/25	Methanol, Lot EJ274	10 mL	MSV_AcetatesV_00095	1 mL	Acetonitrile	5000 ug/mL
							Ethyl acetate	1000 ug/mL
							Isopropyl acetate	1000 ug/mL
							n-Butyl acetate	1000 ug/mL
							n-Propyl acetate	1000 ug/mL
							Vinyl acetate	1000 ug/mL
.MSV_AcetatesV_00095	11/30/26		Restek, Lot A0225816		(Purchased Reagent)		Acetonitrile	50000 ug/mL
							Ethyl acetate	10000 ug/mL
							Isopropyl acetate	10000 ug/mL
							n-Butyl acetate	10000 ug/mL
							n-Propyl acetate	10000 ug/mL
							Vinyl acetate	10000 ug/mL
MSV_CCV_VOC#1_00241	07/23/25	06/23/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00238	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,1-Dichloropropene	1000 ug/mL
							1,2,3-Trichlorobenzene	1000 ug/mL
							1,2,3-Trichloropropane	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2,4-Trimethylbenzene	1000 ug/mL
							1,2-Dibromo-3-Chloropropane	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							1,3,5-Trimethylbenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dichloropropane	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,2-Dichloropropane	1000 ug/mL
							2-Chlorotoluene	1000 ug/mL
							4-Chlorotoluene	1000 ug/mL
							4-Isopropyltoluene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	1000 ug/mL
							Bromobenzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Dibromomethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Isopropylbenzene	1000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	1000 ug/mL
							n-Butylbenzene	1000 ug/mL
							N-Propylbenzene	1000 ug/mL
							Naphthalene	1000 ug/mL
							o-Xylene	1000 ug/mL
							sec-Butylbenzene	1000 ug/mL
							Styrene	1000 ug/mL
							tert-Butylbenzene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
					MSV_MegaMix#2_00242	1 mL	1,1,2-Trichloro-1,2,2-trifluoroethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL
							1,3-Diethylbenzene	1000 ug/mL
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-ethoxy-2-methyl butane	1000 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitropropane	5000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Acrylonitrile	2500 ug/mL
							Benzyl chloride	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Cyclohexane	1000 ug/mL
							Ethyl methacrylate	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL
							o-diethylbenzene	1000 ug/mL
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
.MSV_MegaMIX#1_00238	07/23/25		Restek, Lot A0211483		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,1-Dichloropropene	5000 ug/mL
							1,2,3-Trichlorobenzene	5000 ug/mL
							1,2,3-Trichloropropane	5000 ug/mL
							1,2,4-Trichlorobenzene	5000 ug/mL
							1,2,4-Trimethylbenzene	5000 ug/mL
							1,2-Dibromo-3-Chloropropane	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichlorobenzene	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							1,3,5-Trimethylbenzene	5000 ug/mL
							1,3-Dichlorobenzene	5000 ug/mL
							1,3-Dichloropropane	5000 ug/mL
							1,4-Dichlorobenzene	5000 ug/mL
							2,2-Dichloropropane	5000 ug/mL
							2-Chlorotoluene	5000 ug/mL
							4-Chlorotoluene	5000 ug/mL
							4-Isopropyltoluene	5000 ug/mL
							Benzene	5000 ug/mL
							Bromobenzene	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Dibromomethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL
							Isopropylbenzene	5000 ug/mL
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL
							sec-Butylbenzene	5000 ug/mL
							Styrene	5000 ug/mL
							tert-Butylbenzene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
.MSV_MegaMix#2_00242	07/23/25		Restek, Lot A0212010		(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluoroethane	5000 ug/mL
							1,2,3-Trimethylbenzene	5000 ug/mL
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL
							Cyclohexane	5000 ug/mL
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
MSV_ccv_voc#1_00248	09/10/25	08/11/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00246	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,1-Dichloropropene	1000 ug/mL
							1,2,3-Trichlorobenzene	1000 ug/mL
							1,2,3-Trichloropropane	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2,4-Trimethylbenzene	1000 ug/mL
							1,2-Dibromo-3-Chloropropane	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							1,3,5-Trimethylbenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dichloropropane	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,2-Dichloropropane	1000 ug/mL
							2-Chlorotoluene	1000 ug/mL
							4-Chlorotoluene	1000 ug/mL
							4-Isopropyltoluene	1000 ug/mL
							Benzene	1000 ug/mL
							Bromobenzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Dibromomethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Isopropylbenzene	1000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	1000 ug/mL
							n-Butylbenzene	1000 ug/mL
							N-Propylbenzene	1000 ug/mL
							Naphthalene	1000 ug/mL
							o-Xylene	1000 ug/mL
							sec-Butylbenzene	1000 ug/mL
							Styrene	1000 ug/mL
							tert-Butylbenzene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
					MSV_MegaMix#2_00248	1 mL	1,1,2-Trichloro-1,2,2-trifluoroethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL
							1,3-Diethylbenzene	1000 ug/mL
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-ethoxy-2-methyl butane	1000 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitropropane	5000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Acrylonitrile	2500 ug/mL
							Benzyl chloride	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Cyclohexane	1000 ug/mL
							Ethyl methacrylate	1000 ug/mL
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropyl alcohol	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL
							o-diethylbenzene	1000 ug/mL
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
.MSV_MegaMIX#1_00246	09/10/25	Restek, Lot A0224890			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,1-Dichloropropene	5000 ug/mL
							1,2,3-Trichlorobenzene	5000 ug/mL
							1,2,3-Trichloropropane	5000 ug/mL
							1,2,4-Trichlorobenzene	5000 ug/mL
							1,2,4-Trimethylbenzene	5000 ug/mL
							1,2-Dibromo-3-Chloropropane	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichlorobenzene	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							1,3,5-Trimethylbenzene	5000 ug/mL
							1,3-Dichlorobenzene	5000 ug/mL
							1,3-Dichloropropane	5000 ug/mL
							1,4-Dichlorobenzene	5000 ug/mL
							2,2-Dichloropropane	5000 ug/mL
							2-Chlorotoluene	5000 ug/mL
							4-Chlorotoluene	5000 ug/mL
							4-Isopropyltoluene	5000 ug/mL
							Benzene	5000 ug/mL
							Bromobenzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Dibromomethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL
							Isopropylbenzene	5000 ug/mL
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL
							sec-Butylbenzene	5000 ug/mL
							Styrene	5000 ug/mL
							tert-Butylbenzene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
							Toluene	5000 ug/mL
.MSV_MegaMix#2_00248	09/10/25		Restek, Lot A0226118		(Purchased Reagent)		trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	5000 ug/mL
							1,2,3-Trimethylbenzene	5000 ug/mL
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL
							Cyclohexane	5000 ug/mL
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
MSV_ccv_voc#1_00254	10/22/25	09/22/25	Methanol, Lot EJ274	5 mL	MSV_MegaMIX#1_00251	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,1-Dichloropropene	1000 ug/mL
							1,2,3-Trichlorobenzene	1000 ug/mL
							1,2,3-Trichloropropane	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2,4-Trimethylbenzene	1000 ug/mL
							1,2-Dibromo-3-Chloropropane	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							1,3,5-Trimethylbenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dichloropropane	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,2-Dichloropropane	1000 ug/mL
							2-Chlorotoluene	1000 ug/mL
							4-Chlorotoluene	1000 ug/mL
							4-Isopropyltoluene	1000 ug/mL
							Benzene	1000 ug/mL
							Bromobenzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Dibromomethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Isopropylbenzene	1000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	1000 ug/mL
							n-Butylbenzene	1000 ug/mL
							N-Propylbenzene	1000 ug/mL
							Naphthalene	1000 ug/mL
							o-Xylene	1000 ug/mL
							sec-Butylbenzene	1000 ug/mL
							Styrene	1000 ug/mL
							tert-Butylbenzene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
					MSV_MegaMix#2_00253	1 mL	1,1,2-Trichloro-1,2,2-trifluoroethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL
							1,3-Diethylbenzene	1000 ug/mL
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-ethoxy-2-methyl butane	1000 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitropropane	5000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Acrylonitrile	2500 ug/mL
							Benzyl chloride	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Cyclohexane	1000 ug/mL
							Ethyl methacrylate	1000 ug/mL
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL
							o-diethylbenzene	1000 ug/mL
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
.MSV_MegaMIX#1_00251	10/22/25		Restek, Lot A0224890		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,1-Dichloropropene	5000 ug/mL
							1,2,3-Trichlorobenzene	5000 ug/mL
							1,2,3-Trichloropropane	5000 ug/mL
							1,2,4-Trichlorobenzene	5000 ug/mL
							1,2,4-Trimethylbenzene	5000 ug/mL
							1,2-Dibromo-3-Chloropropane	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichlorobenzene	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							1,3,5-Trimethylbenzene	5000 ug/mL
							1,3-Dichlorobenzene	5000 ug/mL
							1,3-Dichloropropane	5000 ug/mL
							1,4-Dichlorobenzene	5000 ug/mL
							2,2-Dichloropropane	5000 ug/mL
							2-Chlorotoluene	5000 ug/mL
							4-Chlorotoluene	5000 ug/mL
							4-Isopropyltoluene	5000 ug/mL
							Benzene	5000 ug/mL
							Bromobenzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	5000 ug/mL
							Dibromomethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL
							Isopropylbenzene	5000 ug/mL
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL
							sec-Butylbenzene	5000 ug/mL
							Styrene	5000 ug/mL
							tert-Butylbenzene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
.MSV_MegaMix#2_00253	10/22/25		Restek, Lot A0226118		(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluor oethane	5000 ug/mL
							1,2,3-Trimethylbenzene	5000 ug/mL
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL
							Cyclohexane	5000 ug/mL
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
MSV_ccv_voc#1_00256	11/05/25	10/06/25	Methanol, Lot EJ274	5 mL	MSV_MegaMIX#1_00253	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,1-Dichloropropene	1000 ug/mL
							1,2,3-Trichlorobenzene	1000 ug/mL
							1,2,3-Trichloropropene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2,4-Trimethylbenzene	1000 ug/mL
							1,2-Dibromo-3-Chloropropene	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropene	1000 ug/mL
							1,3,5-Trimethylbenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dichloropropene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,2-Dichloropropene	1000 ug/mL
							2-Chlorotoluene	1000 ug/mL
							4-Chlorotoluene	1000 ug/mL
							4-Isopropyltoluene	1000 ug/mL
							Benzene	1000 ug/mL
							Bromobenzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Dibromomethane	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethylbenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Isopropylbenzene	1000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	1000 ug/mL
							n-Butylbenzene	1000 ug/mL
							N-Propylbenzene	1000 ug/mL
							Naphthalene	1000 ug/mL
							o-Xylene	1000 ug/mL
							sec-Butylbenzene	1000 ug/mL
							Styrene	1000 ug/mL
							tert-Butylbenzene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
					MSV_MegaMix#2_00257	1 mL	1,1,2-Trichloro-1,2,2-trifluoroethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL
							1,3-Diethylbenzene	1000 ug/mL
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-ethoxy-2-methyl butane	1000 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitropropane	5000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Acrylonitrile	2500 ug/mL
							Benzyl chloride	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Cyclohexane	1000 ug/mL
							Ethyl methacrylate	1000 ug/mL
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-diethylbenzene	1000 ug/mL
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
.MSV_MegaMIX#1_00253	11/05/25		Restek, Lot A0224890		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,1-Dichloropropene	5000 ug/mL
							1,2,3-Trichlorobenzene	5000 ug/mL
							1,2,3-Trichloropropane	5000 ug/mL
							1,2,4-Trichlorobenzene	5000 ug/mL
							1,2,4-Trimethylbenzene	5000 ug/mL
							1,2-Dibromo-3-Chloropropane	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichlorobenzene	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							1,3,5-Trimethylbenzene	5000 ug/mL
							1,3-Dichlorobenzene	5000 ug/mL
							1,3-Dichloropropane	5000 ug/mL
							1,4-Dichlorobenzene	5000 ug/mL
							2,2-Dichloropropane	5000 ug/mL
							2-Chlorotoluene	5000 ug/mL
							4-Chlorotoluene	5000 ug/mL
							4-Isopropyltoluene	5000 ug/mL
							Benzene	5000 ug/mL
							Bromobenzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Dibromomethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropylbenzene	5000 ug/mL
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL
							sec-Butylbenzene	5000 ug/mL
							Styrene	5000 ug/mL
							tert-Butylbenzene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
.MSV_MegaMix#2_00257	11/05/25		Restek, Lot A0226118		(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluor oethane	5000 ug/mL
							1,2,3-Trimethylbenzene	5000 ug/mL
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL
							Cyclohexane	5000 ug/mL
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
MSV_ccv_voc#1_00257	11/12/25	10/13/25	Methanol, Lot EJ274	5 mL	MSV_MegaMIX#1_00255	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							Benzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Methylene Chloride	1000 ug/mL
							Styrene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
					Toluene	1000 ug/mL		
					trans-1,2-Dichloroethene	1000 ug/mL		
					trans-1,3-Dichloropropene	1000 ug/mL		
					Trichloroethene	1000 ug/mL		
					MSV_MegaMix#2_00260	1 mL	Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_MegaMIX#1_00255	11/12/25		Restek, Lot A0224890		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							Benzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Methylene Chloride	5000 ug/mL
							Styrene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
.MSV_MegaMix#2_00260	11/12/25		Restek, Lot A0226118		(Purchased Reagent)		Carbon disulfide	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
MSV_CCV_VOC#3_00242	07/23/25	06/23/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00028	0.5 mL	Acrolein	12198.5 ug/mL
					MSV_V_Ketones_00236	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
.MSV_CCV_ACR_00028	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00048	9.042 mL	Acrolein	121985 ug/mL
..MSV_VACR_STK_00048	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00041	1.4522 g	Acrolein	134909 ug/mL
...MSV_ACROLEIN_00041	08/31/25		Chem Service, Lot 15604100		(Purchased Reagent)		Acrolein	0.929 g/g
.MSV_V_Ketones_00236	04/30/27		Restek, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_CCV_VOC#3_00250	08/18/25	08/11/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00028	0.5 mL	Acrolein	12198.5 ug/mL
					MSV_V_Ketones_00241	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
.MSV_CCV_ACR_00028	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00048	9.042 mL	Acrolein	121985 ug/mL
..MSV_VACR_STK_00048	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00041	1.4522 g	Acrolein	134909 ug/mL
...MSV_ACROLEIN_00041	08/31/25		Chem Service, Lot 15604100		(Purchased Reagent)		Acrolein	0.929 g/g
.MSV_V_Ketones_00241	04/30/27		Restek, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_CCV_VOC#3_00256	10/22/25	09/22/25	Methanol, Lot EJ274	5 mL	MSV_CCV_ACR_00030	0.5 mL	Acrolein	12197.9 ug/mL
					MSV_V_Ketones_00249	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
.MSV_CCV_ACR_00030	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00050	8.992 mL	Acrolein	121979 ug/mL
..MSV_VACR_STK_00050	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00045	1.4602 g	Acrolein	135653 ug/mL
...MSV_ACROLEIN_00045	07/31/27	Chem Service, Lot 16318500			(Purchased Reagent)		Acrolein	0.929 g/g
.MSV_V_Ketones_00249	02/28/28	Restek, Lot A0222253			(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_CCV_VOC#3_00258	10/25/25	10/06/25	Methanol, Lot EJ274	5 mL	MSV_CCV_ACR_00030	0.5 mL	Acrolein	12197.9 ug/mL
					MSV_V_Ketones_00247	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
.MSV_CCV_ACR_00030	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00050	8.992 mL	Acrolein	121979 ug/mL
..MSV_VACR_STK_00050	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00045	1.4602 g	Acrolein	135653 ug/mL
...MSV_ACROLEIN_00045	07/31/27	Chem Service, Lot 16318500			(Purchased Reagent)		Acrolein	0.929 g/g
.MSV_V_Ketones_00247	02/28/28	Restek, Lot A0222253			(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_CCV_VOC#3_00259	10/25/25	10/13/25	Methanol, Lot EJ274	5 mL	MSV_V_Ketones_00250	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
							.MSV_V_Ketones_00250	02/28/28
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_Cent_ISO_00011	08/28/25	03/17/25	Methanol, Lot EJ274	50 mL	MSV_Cus826_IS_00672	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5 (IS)	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
							t-Butyl alcohol-d10 (IS)	250 ug/mL
							.MSV_Cus826_IS_00672	10/31/26
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_Cent_ISO_00012	02/24/26	09/02/25	Methanol, Lot EJ274	50 mL	MSV_Cus826_IS_00837	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5 (IS)	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
							t-Butyl alcohol-d10 (IS)	250 ug/mL
							.MSV_Cus826_IS_00837	02/24/26
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_Cent_ISSS_00041	11/19/25	05/19/25	Methanol, Lot EJ274	50 mL	MSV_8260_SS_01417	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
					MSV_Cus826_IS_00729	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5 (IS)	50 ug/mL
.MSV_8260_SS_01417	10/31/29		Restek, Lot A0217887		(Purchased Reagent)		Fluorobenzene (IS)	50 ug/mL
							t-Butyl alcohol-d10 (IS)	250 ug/mL
							1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
.MSV_Cus826_IS_00729	10/31/26		Restek, Lot A0203141		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_Cent_ISSS_00043	12/29/25	06/29/25	Methanol, Lot EJ274	50 mL	MSV_Cus826_IS_00750	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5 (IS)	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
							t-Butyl alcohol-d10 (IS)	250 ug/mL
							1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
.MSV_Cus826_IS_00750	10/31/26		Restek, Lot A0203141		(Purchased Reagent)		Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_Cent_ISSS_00043	12/29/25	06/29/25	Methanol, Lot EJ274	50 mL	MSV_8260_SS_01487	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
							1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
.MSV_8260_SS_01487	10/31/29		Restek, Lot A0217887		(Purchased Reagent)		Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
MSV_Cent_ISSS_00044	12/29/25	07/25/25	Methanol, Lot EJ274	50 mL	MSV_8260_SS_01475	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
					MSV_Cus826_IS_00816	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5 (IS)	50 ug/mL
.MSV_8260_SS_01475	01/25/26		Restek, Lot A0217887		(Purchased Reagent)		Fluorobenzene (IS)	50 ug/mL
							t-Butyl alcohol-d10 (IS)	250 ug/mL
							1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
.MSV_Cus826_IS_00816	01/25/26		Restek, Lot A0211699		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_Cent_ISSS_00045	02/28/26	08/29/25	Methanol, Lot EJ274	50 mL	MSV_Cus826_IS_00834	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5 (IS)	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
							t-Butyl alcohol-d10 (IS)	250 ug/mL
.MSV_Cus826_IS_00834	05/31/27		Restek, Lot A0211699		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_Cent_ISSS_00045	02/28/26	08/29/25	Methanol, Lot EJ274	50 mL	MSV_8260_SS_01524	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.MSV_8260_SS_01524	01/31/30		Restek, Lot A0221454		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
MSV_HP20_ISSS_00151	07/16/25	01/16/25	Methanol, Lot EH822	10 mL	MSV_8260_SS_01344	1 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene (Surr)	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
					MSV_Cus826_IS_00668	1 mL	1,4-Dichlorobenzene-d4	250 ug/mL
							Chlorobenzene-d5 (IS)	250 ug/mL
							Fluorobenzene (IS)	250 ug/mL
							t-Butyl alcohol-d10 (IS)	1250 ug/mL
.MSV_8260_SS_01344	07/31/29		Restek, Lot A0209669		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
.MSV_Cus826_IS_00668	10/31/26		Restek, Lot A0203141		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_HP20_ISSS_00169	03/22/26	10/02/25	Methanol, Lot EJ274	10 mL	MSV_Cus826_IS_00854	1 mL	1,4-Dichlorobenzene-d4	250 ug/mL
							Chlorobenzene-d5 (IS)	250 ug/mL
							Fluorobenzene (IS)	250 ug/mL
							t-Butyl alcohol-d10 (IS)	1250 ug/mL
.MSV_Cus826_IS_00854	04/02/26		Restek, Lot A0211699		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_HP20_ISSS_00169	03/22/26	10/02/25	Methanol, Lot EJ274	10 mL	MSV_8260_SS_01558	1 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene (Surr)	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL

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					Reagent ID	Volume Added		
.MSV_8260_SS_01558	04/02/26		Restek, Lot A0225343		(Purchased Reagent)		Toluene-d8 (Surr)	250 ug/mL
							1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
MSV_LCS_Gases_00263	08/18/25	08/11/25	Methanol, Lot EH471	25 mL	MSV_QC_2K_GAS_00308	0.5 mL	Bromomethane	40 ug/mL
							Chloroethane	40 ug/mL
							Chloromethane	40 ug/mL
							Vinyl chloride	40 ug/mL
.MSV_QC_2K_GAS_00308	08/18/25		Restek, Lot A0211460		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_LCS_Gases_00271	10/13/25	10/06/25	Methanol, Lot EJ274	25 mL	MSV_QC_2K_GAS_00325	0.5 mL	Bromomethane	40 ug/mL
							Chloroethane	40 ug/mL
							Chloromethane	40 ug/mL
							Vinyl chloride	40 ug/mL
.MSV_QC_2K_GAS_00325	10/13/25		Restek, Lot A0225328		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_LCS_Gases_00272	10/20/25	10/13/25	Methanol, Lot EJ274	25 mL	MSV_QC_2K_GAS_00326	0.5 mL	Bromomethane	40 ug/mL
							Chloroethane	40 ug/mL
							Chloromethane	40 ug/mL
							Vinyl chloride	40 ug/mL
.MSV_QC_2K_GAS_00326	10/20/25		Restek, Lot A0225328		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_LCS_VOC#1_00233	09/10/25	08/11/25	Methanol, Lot EH471	25 mL	MSV_M_MIX1SEC_00282	1 mL	1,1,1,2-Tetrachloroethane	40 ug/mL
							1,1,1-Trichloroethane	40 ug/mL
							1,1,2,2-Tetrachloroethane	40 ug/mL
							1,1,2-Trichloroethane	40 ug/mL
							1,1-Dichloroethane	40 ug/mL
							1,1-Dichloroethene	40 ug/mL
							1,2-Dibromoethane (EDB)	40 ug/mL
							1,2-Dichloroethane	40 ug/mL
							1,2-Dichloropropane	40 ug/mL
							Benzene	40 ug/mL
							Bromochloromethane	40 ug/mL
							Bromodichloromethane	40 ug/mL
							Bromoform	40 ug/mL
							Carbon tetrachloride	40 ug/mL
							Chlorobenzene	40 ug/mL
							Chloroform	40 ug/mL

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration					
					Reagent ID	Volume Added							
							cis-1,2-Dichloroethene	40 ug/mL					
							cis-1,3-Dichloropropene	40 ug/mL					
							Dibromochloromethane	40 ug/mL					
							Ethylbenzene	40 ug/mL					
							Methylene Chloride	40 ug/mL					
							Styrene	40 ug/mL					
							Tetrachloroethene	40 ug/mL					
							Toluene	40 ug/mL					
							trans-1,2-Dichloroethene	40 ug/mL					
							trans-1,3-Dichloropropene	40 ug/mL					
							Trichloroethene	40 ug/mL					
					MSV_M_MIX2SEC_00286	1 mL	Carbon disulfide	40 ug/mL					
					MSV_Q_Ketones_00294	1 mL	Methyl tert-butyl ether	40 ug/mL					
							2-Butanone (MEK)	500 ug/mL					
							2-Hexanone	500 ug/mL					
							4-Methyl-2-pentanone (MIBK)	500 ug/mL					
Acetone	500 ug/mL												
.MSV_M_MIX1SEC_00282	12/31/27	Restek, Lot A0225025			(Purchased Reagent)	1,1,1,2-Tetrachloroethane	1000 ug/mL						
						1,1,1-Trichloroethane	1000 ug/mL						
						1,1,2,2-Tetrachloroethane	1000 ug/mL						
						1,1,2-Trichloroethane	1000 ug/mL						
						1,1-Dichloroethane	1000 ug/mL						
						1,1-Dichloroethene	1000 ug/mL						
						1,2-Dibromoethane (EDB)	1000 ug/mL						
						1,2-Dichloroethane	1000 ug/mL						
						1,2-Dichloropropane	1000 ug/mL						
						Benzene	1000 ug/mL						
						Bromochloromethane	1000 ug/mL						
						Bromodichloromethane	1000 ug/mL						
						Bromoform	1000 ug/mL						
						Carbon tetrachloride	1000 ug/mL						
						Chlorobenzene	1000 ug/mL						
						Chloroform	1000 ug/mL						
						cis-1,2-Dichloroethene	1000 ug/mL						
						cis-1,3-Dichloropropene	1000 ug/mL						
						Dibromochloromethane	1000 ug/mL						
						Ethylbenzene	1000 ug/mL						
						Methylene Chloride	1000 ug/mL						
						Styrene	1000 ug/mL						
						Tetrachloroethene	1000 ug/mL						
						Toluene	1000 ug/mL						
						trans-1,2-Dichloroethene	1000 ug/mL						
						trans-1,3-Dichloropropene	1000 ug/mL						
						Trichloroethene	1000 ug/mL						
						.MSV_M_MIX2SEC_00286	05/31/28	Restek, Lot A0225702			(Purchased Reagent)	Carbon disulfide	1000 ug/mL
												Methyl tert-butyl ether	1000 ug/mL

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MSV_Q_Ketones_00294	04/30/27	Restek, Lot A0209876			(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_LCS_VOC#1_00239	10/22/25	09/22/25	Methanol, Lot EJ274	25 mL	MSV_M_MIX1SEC_00288	1 mL	1,1,1,2-Tetrachloroethane	40 ug/mL
							1,1,1-Trichloroethane	40 ug/mL
							1,1,2,2-Tetrachloroethane	40 ug/mL
							1,1,2-Trichloroethane	40 ug/mL
							1,1-Dichloroethane	40 ug/mL
							1,1-Dichloroethene	40 ug/mL
							1,2-Dibromoethane (EDB)	40 ug/mL
							1,2-Dichloroethane	40 ug/mL
							1,2-Dichloropropane	40 ug/mL
							Benzene	40 ug/mL
							Bromochloromethane	40 ug/mL
							Bromodichloromethane	40 ug/mL
							Bromoform	40 ug/mL
							Carbon tetrachloride	40 ug/mL
							Chlorobenzene	40 ug/mL
							Chloroform	40 ug/mL
							cis-1,2-Dichloroethene	40 ug/mL
							cis-1,3-Dichloropropene	40 ug/mL
							Dibromochloromethane	40 ug/mL
							Ethylbenzene	40 ug/mL
							Methylene Chloride	40 ug/mL
							Styrene	40 ug/mL
							Tetrachloroethene	40 ug/mL
							Toluene	40 ug/mL
							trans-1,2-Dichloroethene	40 ug/mL
							trans-1,3-Dichloropropene	40 ug/mL
							Trichloroethene	40 ug/mL
					MSV_M_MIX2SEC_00292	1 mL	Carbon disulfide	40 ug/mL
					MSV_Q_Ketones_00301	1 mL	Methyl tert-butyl ether	40 ug/mL
							2-Butanone (MEK)	500 ug/mL
							2-Hexanone	500 ug/mL
							4-Methyl-2-pentanone (MIBK)	500 ug/mL
							Acetone	500 ug/mL
.MSV_M_MIX1SEC_00288	12/31/27	Restek, Lot A0225025			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Methylene Chloride	1000 ug/mL
							Styrene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
.MSV_M_MIX2SEC_00292	05/31/28		Restek, Lot A0225702		(Purchased Reagent)		Carbon disulfide	1000 ug/mL
.MSV_Q_Ketones_00301	04/30/27		Restek, Lot A0209876		(Purchased Reagent)		Methyl tert-butyl ether	1000 ug/mL
							2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_LCS_VOC#1_00243	11/13/25	10/06/25	Methanol, Lot EJ274	25 mL	MSV_M_MIX1SEC_00286	1 mL	1,1,1,2-Tetrachloroethane	40 ug/mL
							1,1,1-Trichloroethane	40 ug/mL
							1,1,2,2-Tetrachloroethane	40 ug/mL
							1,1,2-Trichloroethane	40 ug/mL
							1,1-Dichloroethane	40 ug/mL
							1,1-Dichloroethene	40 ug/mL
							1,2-Dibromoethane (EDB)	40 ug/mL
							1,2-Dichloroethane	40 ug/mL
							1,2-Dichloropropane	40 ug/mL
							Benzene	40 ug/mL
							Bromochloromethane	40 ug/mL
							Bromodichloromethane	40 ug/mL
							Bromoform	40 ug/mL
							Carbon tetrachloride	40 ug/mL
							Chlorobenzene	40 ug/mL
							Chloroform	40 ug/mL
							cis-1,2-Dichloroethene	40 ug/mL
							cis-1,3-Dichloropropene	40 ug/mL
							Dibromochloromethane	40 ug/mL
							Ethylbenzene	40 ug/mL
							Methylene Chloride	40 ug/mL
							Styrene	40 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration			
					Reagent ID	Volume Added					
							Tetrachloroethene	40 ug/mL			
							Toluene	40 ug/mL			
							trans-1,2-Dichloroethene	40 ug/mL			
							trans-1,3-Dichloropropene	40 ug/mL			
							Trichloroethene	40 ug/mL			
					MSV_M_MIX2SEC_00297	1 mL	Carbon disulfide	40 ug/mL			
					MSV_Q_Ketones_00302	1 mL	Methyl tert-butyl ether	40 ug/mL			
							2-Butanone (MEK)	500 ug/mL			
							2-Hexanone	500 ug/mL			
							4-Methyl-2-pentanone (MIBK)	500 ug/mL			
Acetone	500 ug/mL										
.MSV_M_MIX1SEC_00286	12/31/27	Restek, Lot A0225025		(Purchased Reagent)	1,1,1,2-Tetrachloroethane	1000 ug/mL					
					1,1,1-Trichloroethane	1000 ug/mL					
					1,1,2,2-Tetrachloroethane	1000 ug/mL					
					1,1,2-Trichloroethane	1000 ug/mL					
					1,1-Dichloroethane	1000 ug/mL					
					1,1-Dichloroethene	1000 ug/mL					
					1,2-Dibromoethane (EDB)	1000 ug/mL					
					1,2-Dichloroethane	1000 ug/mL					
					1,2-Dichloropropane	1000 ug/mL					
					Benzene	1000 ug/mL					
					Bromochloromethane	1000 ug/mL					
					Bromodichloromethane	1000 ug/mL					
					Bromoform	1000 ug/mL					
					Carbon tetrachloride	1000 ug/mL					
					Chlorobenzene	1000 ug/mL					
					Chloroform	1000 ug/mL					
					cis-1,2-Dichloroethene	1000 ug/mL					
					cis-1,3-Dichloropropene	1000 ug/mL					
					Dibromochloromethane	1000 ug/mL					
					Ethylbenzene	1000 ug/mL					
					Methylene Chloride	1000 ug/mL					
					Styrene	1000 ug/mL					
					Tetrachloroethene	1000 ug/mL					
					Toluene	1000 ug/mL					
					trans-1,2-Dichloroethene	1000 ug/mL					
					trans-1,3-Dichloropropene	1000 ug/mL					
					Trichloroethene	1000 ug/mL					
					.MSV_M_MIX2SEC_00297	05/31/28	Restek, Lot A0225702		(Purchased Reagent)	Carbon disulfide	1000 ug/mL
										Methyl tert-butyl ether	1000 ug/mL
					.MSV_Q_Ketones_00302	04/30/27	Restek, Lot A0209876		(Purchased Reagent)	2-Butanone (MEK)	12500 ug/mL
2-Hexanone	12500 ug/mL										
4-Methyl-2-pentanone (MIBK)	12500 ug/mL										
Acetone	12500 ug/mL										
MSV_LCS_VOC#1_00244	11/12/25	10/13/25	Methanol, Lot EJ274	25 mL	MSV_M_MIX1SEC_00287	1 mL	1,1,1,2-Tetrachloroethane	40 ug/mL			
							1,1,1-Trichloroethane	40 ug/mL			

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	40 ug/mL
							1,1,2-Trichloroethane	40 ug/mL
							1,1-Dichloroethane	40 ug/mL
							1,1-Dichloroethene	40 ug/mL
							1,2-Dibromoethane (EDB)	40 ug/mL
							1,2-Dichloroethane	40 ug/mL
							1,2-Dichloropropane	40 ug/mL
							Benzene	40 ug/mL
							Bromochloromethane	40 ug/mL
							Bromodichloromethane	40 ug/mL
							Bromoform	40 ug/mL
							Carbon tetrachloride	40 ug/mL
							Chlorobenzene	40 ug/mL
							Chloroform	40 ug/mL
							cis-1,2-Dichloroethene	40 ug/mL
							cis-1,3-Dichloropropene	40 ug/mL
							Dibromochloromethane	40 ug/mL
							Ethylbenzene	40 ug/mL
							Methylene Chloride	40 ug/mL
							Styrene	40 ug/mL
							Tetrachloroethene	40 ug/mL
							Toluene	40 ug/mL
							trans-1,2-Dichloroethene	40 ug/mL
					trans-1,3-Dichloropropene	40 ug/mL		
					Trichloroethene	40 ug/mL		
					MSV_M_MIX2SEC_00300	1 mL	Carbon disulfide	40 ug/mL
							Methyl tert-butyl ether	40 ug/mL
MSV_Q_Ketones_00308	1 mL	2-Butanone (MEK)	500 ug/mL					
		2-Hexanone	500 ug/mL					
		4-Methyl-2-pentanone (MIBK)	500 ug/mL					
		Acetone	500 ug/mL					
.MSV_M_MIX1SEC_00287	12/31/27	Restek, Lot A0225025			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							Benzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Methylene Chloride	1000 ug/mL
							Styrene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
.MSV_M_MIX2SEC_00300	05/31/28		Restek, Lot A0225702		(Purchased Reagent)		Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_Q_Ketones_00308	04/30/27		Restek, Lot A0209876		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_QC_2K_GAS_00316	09/29/25		Restek, Lot A0211460		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_V_BFB_00019							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							divinyl benzene	
							Tentatively Identified Compound	
							Total BTEX	
							Total Diethylbenzene	
							Xylenes, Total	
.MSV_VBFB_STK_00014	11/22/25	05/22/25	Methanol, Lot EH471	10 mL	MSV_VBFB_STK_00014	0.246 mL	BFB	49.9183 ug/mL
..MSV_4BFB_NEAT_00013	06/30/29		Chem Service, Lot 16054300		MSV_4BFB_NEAT_00013	0.5073 g	BFB	50730 ug/mL
					(Purchased Reagent)		BFB	1 g/g
MSV_V_SMFreon_00052	10/10/25		Restek, Lot A0197864		(Purchased Reagent)		2-Chloro-1,1,1-Trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
MSV_V_SMFreon_00054	09/08/25		Restek, Lot A0197864		(Purchased Reagent)		2-Chloro-1,1,1-Trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL

Reagent

MSV_2,3,4TCB_00013



660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

2,3,4-Trichlorobutene

CATALOG NUMBER N-14214-100MG
LOT NUMBER 15568600
DATE CERTIFIED 07/25/24
EXPIRATION DATE 07/31/27
CAS NUMBER 2431-50-7
MOLECULAR FORMULA C₄H₅Cl₃
MOLECULAR WEIGHT 159.4
STORAGE Store at room temperature (20 - 25 °C).
HANDLING See Safety Data Sheet.
INTENDED USE For laboratory use only.

Analytical Test	Value
FT-IR SPECTROSCOPY	CONFORMS TO STRUCTURE
% PURITY (GC/FID)	94.5

Chem Service, Inc. guarantees the purity to be +/- 0.5% deviation prior to the expiration date shown on the label and exclusive of any customer contamination.

Certified By:

Alan Murray

COA Form
Revision 5.0 (10/23)



Chem Service, Inc. is accredited
to ISO/IEC 17025:2017,
ISO 17034:2016 and
certified to ISO 9001:2015

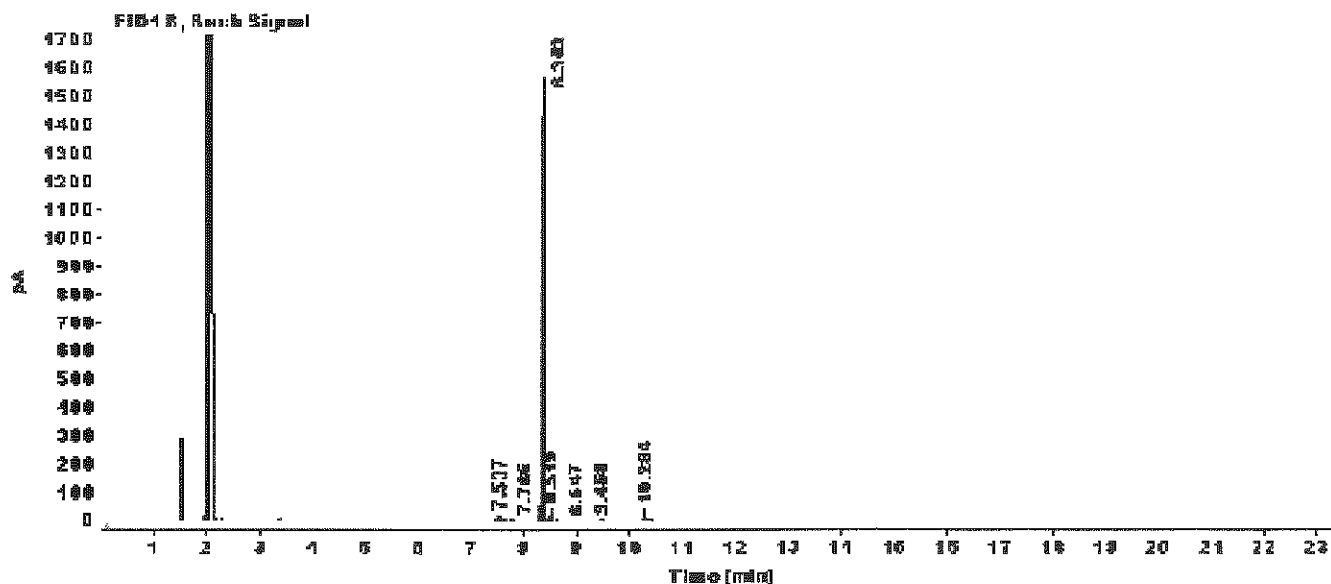
Print Date: 08/06/24

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CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2023\DATA\1223\W-14214 16.D
 Sample name: N-14214
 Acq. method: FRANNY-BACK.M
 Instrument: GC3 Location: 202
 Injection date: 7/25/2024 12:07:50 PM Injection Vol: 1.000
 Column name: RTX-5MS (30m x 0.25mm x 0.5µm) # Of injections: 1



Signal: FID1 B, Back Signal

RT [min]	Type	Width [min]	Area	Height	Area%
7.537	BB	0.0220	29.1728	21.2587	0.8943
7.786	BB	0.0222	8.1247	5.8468	0.2491
8.383	BB	0.0313	3082.4051	1543.4288	94.4035
8.519	BB	0.0229	70.6511	48.8153	2.1858
8.647	BV	0.0224	4.7303	3.3591	0.1450
9.468	BB	0.0215	9.6139	6.7867	0.2947
10.284	BB	0.0232	57.3349	38.7965	1.7576
Sum			3262.1227		



Chem Service, Inc. is accredited
 to ISO/IEC 17025:2017,
 ISO 17034:2016 and
 certified to ISO 9001:2015

Reagent

MSV_2,3,4TCB_00019



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CERTIFICATE OF ANALYSIS

2,3,4-Trichlorobutene

CATALOG NUMBER N-14214-100MG
LOT NUMBER 15568600
DATE CERTIFIED 07/25/24
EXPIRATION DATE 07/31/27
CAS NUMBER 2431-50-7
MOLECULAR FORMULA C₄H₅Cl₃
MOLECULAR WEIGHT 159.4
STORAGE Store at room temperature (20 - 25 °C).
HANDLING See Safety Data Sheet.
INTENDED USE For laboratory use only.

Analytical Test	Value
FT-IR SPECTROSCOPY	CONFORMS TO STRUCTURE
% PURITY (GC/FID)	94.5

Chem Service, Inc. guarantees the purity to be +/- 0.5% deviation prior to the expiration date shown on the label and exclusive of any customer contamination.

Certified By:

Alan Murray

COA Form
Revision 5.0 (10/23)



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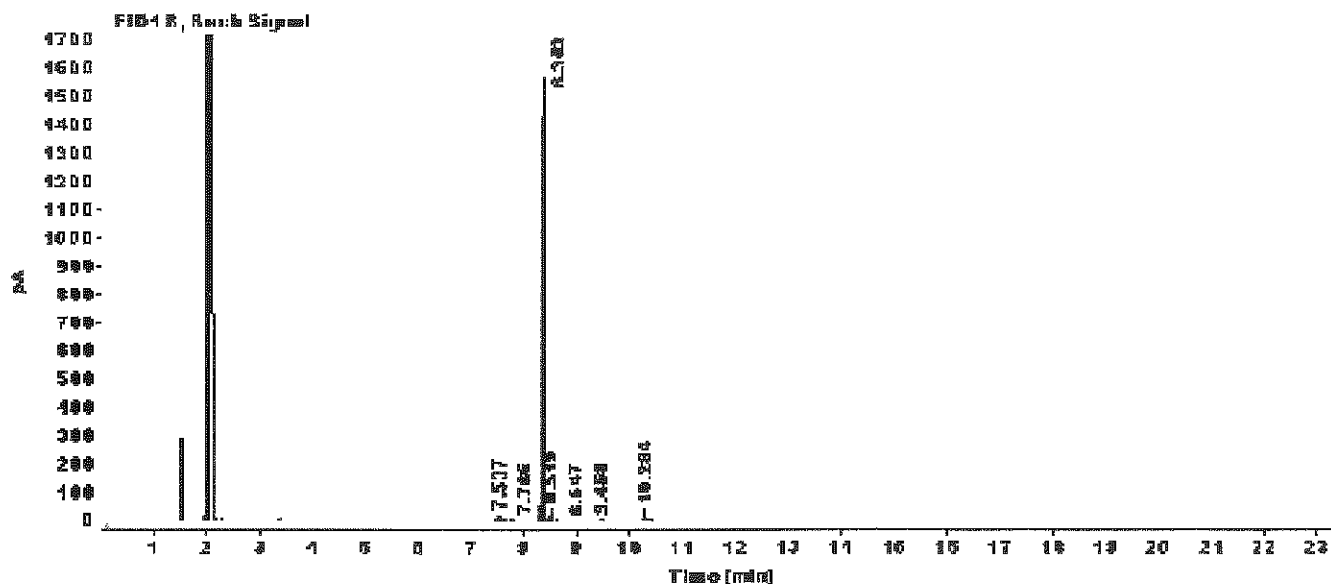
Print Date: 08/06/24

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CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2023\DATA\1223\W-14214 16.D
Sample name: N-14214
Acq. method: FRANNY-BACK.M
Instrument: GC3 **Location:** 202
Injection date: 7/25/2024 12:07:50 PM **Injection Vol:** 1.000
Column name: RTX-5MS (30m x 0.25mm x 0.5µm) **# Of Injections:** 1



Signal: FID1 B, Back Signal

RT [min]	Type	Width [min]	Area	Height	Area%
7.537	BB	0.0220	29.1728	21.2587	0.8943
7.786	BB	0.0222	8.1247	5.8468	0.2491
8.383	BB	0.0313	3082.4051	1543.4288	94.4035
8.519	BB	0.0229	70.6511	48.8153	2.1858
8.647	BV	0.0224	4.7303	3.3591	0.1450
9.468	BB	0.0215	9.6139	6.7867	0.2947
10.284	BB	0.0232	57.3349	38.7965	1.7576
Sum			3262.1227		



Chem Service, Inc. is accredited
 to ISO/IEC 17025:2017,
 ISO 17034:2016 and
 certified to ISO 9001:2015

Reagent

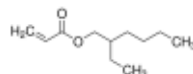
MSV_2Eth6Acry_00001

Certificate of Analysis

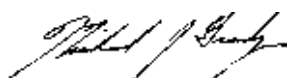
Product Name:

2-Ethylhexyl acrylate - 98%, contains ≥ 0.001 – $\leq 0.11\%$ monomethyl ether hydroquinone as stabilizer

Product Number: 290815
Batch Number: MKCN1302
Brand: ALDRICH
CAS Number: 103-11-7
MDL Number: MFCD00009495
Formula: C₁₁H₂₀O₂
Formula Weight: 184.28 g/mol
Quality Release Date: 01 SEP 2020



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Purity (GC)	$\geq 97.5\%$	99.6 %
Stabilizer	0.001 - 0.110 %	0.002 %
Monomethyl Ether Hydroquinone (MEHQ)		



Michael Grady, Manager
Quality Control
Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.



Reagent

MSV_3,4DC1Be_00003



Certificate of Analysis

08/23/2022(JST)

TOKYO CHEMICAL INDUSTRY CO.,LTD.
4-10-1 Nihonbashi-Honcho, Chuo-ku, Tokyo 103-0023 Japan

Chemical Name: 3,4-Dichloro-1-butene		
Product Number: D1072 CAS RN: 760-23-6	Lot: W3RMJ	

Tests	Results	Specifications
Appearance	Colorless clear liquid	Colorless to Almost colorless clear liquid
Purity(GC)	99.6 %	min. 98.0 %

TCI Lot numbers are 4-5 characters in length. Characters listed after the first 4-5 characters are control numbers for internal purpose only.
The contents of the specifications are subject to change without advance notice. The specification values displayed here are the most up to date values. There may be cases where the product labels display a different specification, however, the product quality still meets the latest specification.

Customer Service:

TCI AMERICA
Tel: +1-800-423-8616 / +1-503-283-1681
Fax: +1-888-520-1075 / +1-503-283-1987
E-mail: Sales-US@TCIchemicals.com

Takuya Nishioka
Quality Assurance Department Manager

Reagent

MSV_8260_SS_01417



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30240 **Lot No.:** A0217887

Description : 8260A Surrogate Mix
8260A Surrogate Mix 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,515.3 µg/mL	+/- 141.2958
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,504.3 µg/mL	+/- 140.6779
3	Toluene-d8	2037-26-5	PR-34141	99%	2,513.8 µg/mL	+/- 141.2116
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000268853	99%	2,517.3 µg/mL	+/- 141.4082

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

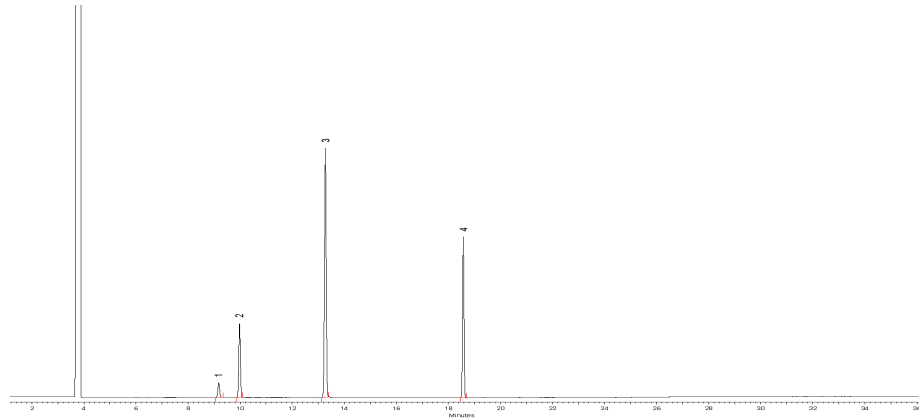
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Richard Zimmerman - Operations Tech I

Date Mixed: 15-Oct-2024

Balance Serial # B251644995


John Lidgett - AD Chemist

Date Passed: 23-Oct-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_8260_SS_01475



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30240 **Lot No.:** A0217887
Description : 8260A Surrogate Mix
8260A Surrogate Mix 2,500µg/mL, P&T Methanol, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : October 31, 2029 **Storage:** 0°C or colder
Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,515.3 µg/mL	+/- 141.2958
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,504.3 µg/mL	+/- 140.6779
3	Toluene-d8	2037-26-5	PR-34141	99%	2,513.8 µg/mL	+/- 141.2116
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000268853	99%	2,517.3 µg/mL	+/- 141.4082

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

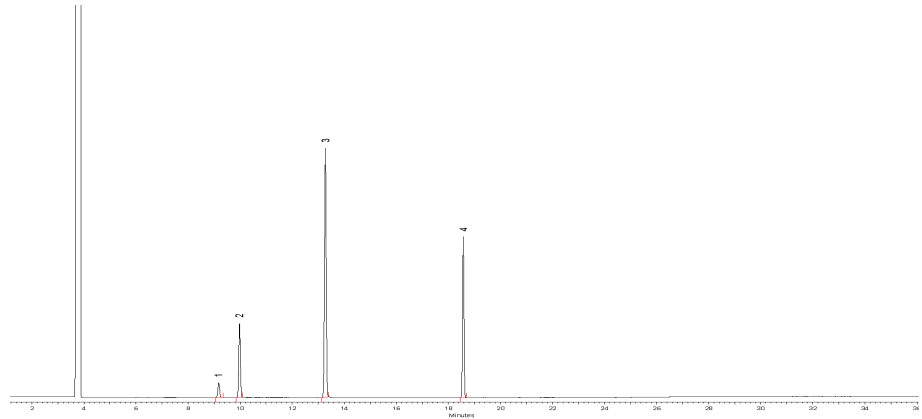
FID

Split Vent:

40 ml/min

Inj. Vol

1µl

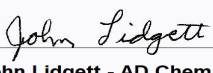


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Richard Zimmerman - Operations Tech I

Date Mixed: 15-Oct-2024

Balance Serial # B251644995


John Lidgett - AD Chemist

Date Passed: 23-Oct-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_8260_SS_01487



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Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30240 **Lot No.:** A0217887
Description : 8260A Surrogate Mix
8260A Surrogate Mix 2,500µg/mL, P&T Methanol, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : October 31, 2029 **Storage:** 0°C or colder
Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,515.3 µg/mL	+/- 141.2958
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,504.3 µg/mL	+/- 140.6779
3	Toluene-d8	2037-26-5	PR-34141	99%	2,513.8 µg/mL	+/- 141.2116
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000268853	99%	2,517.3 µg/mL	+/- 141.4082

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

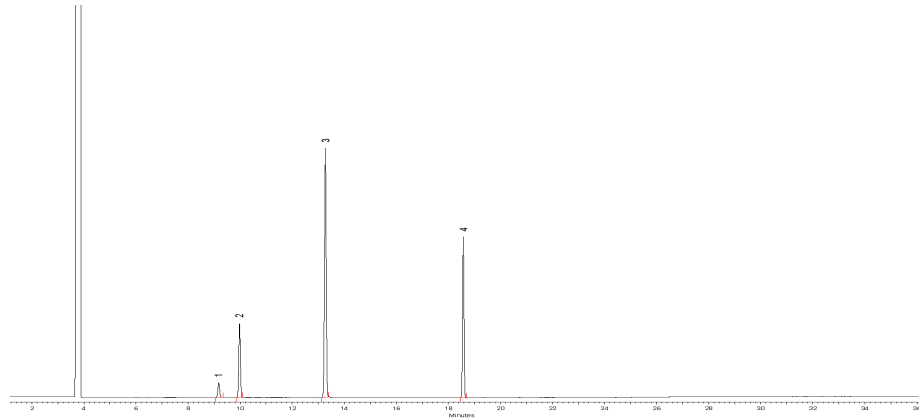
FID

Split Vent:

40 ml/min

Inj. Vol

1µl

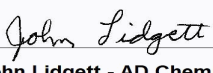


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Richard Zimmerman - Operations Tech I

Date Mixed: 15-Oct-2024

Balance Serial # B251644995


John Lidgett - AD Chemist

Date Passed: 23-Oct-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_AcetatesV_00087



110 Benner Circle
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 577489 **Lot No.:** A0211993

Description : Custom Acetates Standard

Custom Acetates Standard 10,000-50,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** -20°C or colder

Ship: On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	50,320.0 µg/mL	+/- 898.1594
2	Vinyl acetate	108-05-4	RD240423RSR	99%	10,060.0 µg/mL	+/- 179.6046
3	Ethyl acetate	141-78-6	SHBQ9682	99%	10,070.0 µg/mL	+/- 179.7831
4	Isopropyl acetate	108-21-4	BCCG7069	99%	10,076.7 µg/mL	+/- 179.9021
5	Propyl acetate	109-60-4	P8XLN	99%	10,070.0 µg/mL	+/- 179.7831
6	Butyl acetate	123-86-4	SHBR2024	99%	10,060.0 µg/mL	+/- 179.6046

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods. Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution

immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

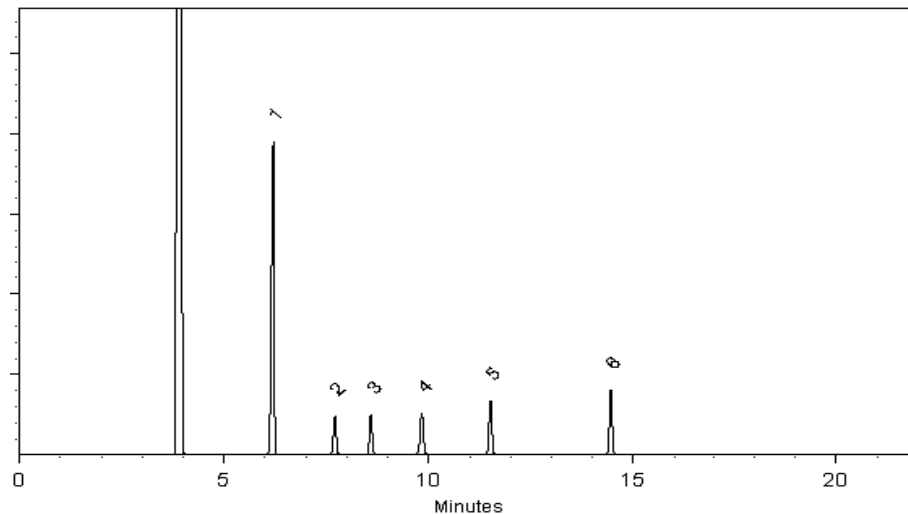
FID

Split Vent:

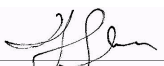
40 ml/min

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Tom Suckar - Mix Technician

Date Mixed: 24-May-2024 Balance Serial # B442140311


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-Jun-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 577488 **Lot No.:** A0212054

Description : Custom Gases Standard
Custom Gases Standard 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,016.7 µg/mL	+/- 114.0219
2	Chloromethane (methyl chloride)	74-87-3	SHBP8835	99%	2,015.3 µg/mL	+/- 115.0747
3	Vinyl chloride	75-01-4	00015559	99%	2,015.3 µg/mL	+/- 115.4962
4	1,3-Butadiene	106-99-0	00019375	99%	2,020.7 µg/mL	+/- 114.1301
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,025.3 µg/mL	+/- 114.3368
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,023.4 µg/mL	+/- 114.7120
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,019.6 µg/mL	+/- 113.4524
8	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,020.0 µg/mL	+/- 113.4748
9	1,2-Dichloro-1,1,2-trifluoroethane (CFC-123a)	354-23-4	877500	99%	2,021.2 µg/mL	+/- 114.0989

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Raw material may contain trace amounts of tert-Butanol.

Quality Confirmation Test

Column:

60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:

helium-constant flow 2.0 mL/min.

Temp. Program:

40°C (hold 6 min.) to 100°C
@ 6°C/min.

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

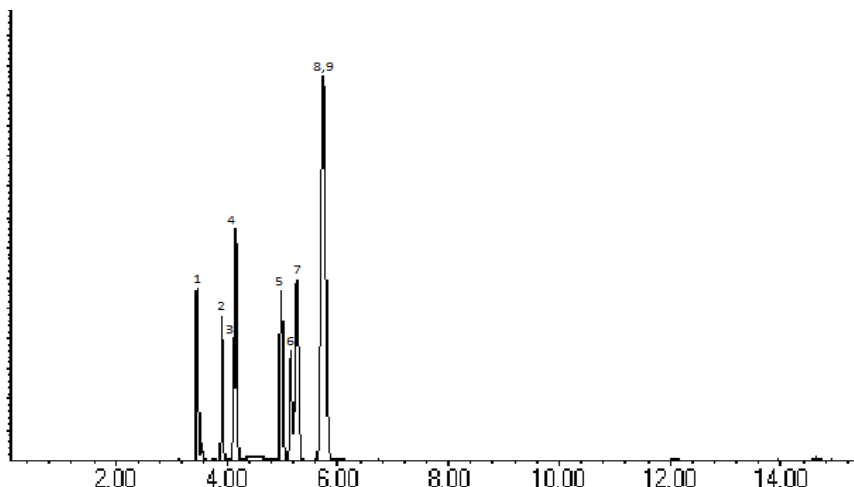
MSD

Split Vent:

Split ratio 10:1

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Brittany Federinko - Operations Tech I

Date Mixed: 28-May-2024

Balance Serial # B251644995

Dillan Murphy - Operations Technician I

Date Passed: 03-Jun-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_c14dcb_Nt_00004

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Certificate of Analysis

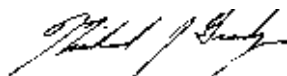
Product Name:

cis-1,4-Dichloro-2-butene - 95%

Product Number: 195707
Batch Number: SHBH4584V
Brand: ALDRICH
CAS Number: 1476-11-5
MDL Number: MFCD00062950
Formula: C₄H₆Cl₂
Formula Weight: 125.00 g/mol
Storage Temperature: Store at 2 - 8 °C
Quality Release Date: 30 AUG 2016



Test	Specification	Result
Appearance (Color)	Colorless to Light Yellow	Very Faint Yellow
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 94.5 %	98.0 %



Michael Grady, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

MSV_c14dcb_Nt_00005

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Certificate of Analysis

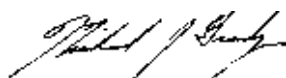
Product Name:

cis-1,4-Dichloro-2-butene - 95%

Product Number: 195707
Batch Number: SHBH4584V
Brand: ALDRICH
CAS Number: 1476-11-5
MDL Number: MFCD00062950
Formula: C₄H₆Cl₂
Formula Weight: 125.00 g/mol
Storage Temperature: Store at 2 - 8 °C
Quality Release Date: 30 AUG 2016



Test	Specification	Result
Appearance (Color)	Colorless to Light Yellow	Very Faint Yellow
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 94.5 %	98.0 %



Michael Grady, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

MSV_Cus826_IS_00668



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Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 558267 **Lot No.:** A0203141
Description : Custom 8260A IS Mix
Custom 8260A IS Mix 2,500-12,500µg/mL, P&T Methanol, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : October 31, 2026 **Storage:** 0°C or colder
Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Methyl-2-propanol-d10	53001-22-2	PR-29961	99%	12,504.0 µg/mL	+/- 155.5359
2	Fluorobenzene	462-06-6	BCBZ5549	99%	2,503.5 µg/mL	+/- 31.1565
3	Chlorobenzene-d5	3114-55-4	PR-29571	99%	2,502.0 µg/mL	+/- 31.1378
4	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,504.5 µg/mL	+/- 31.1689

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

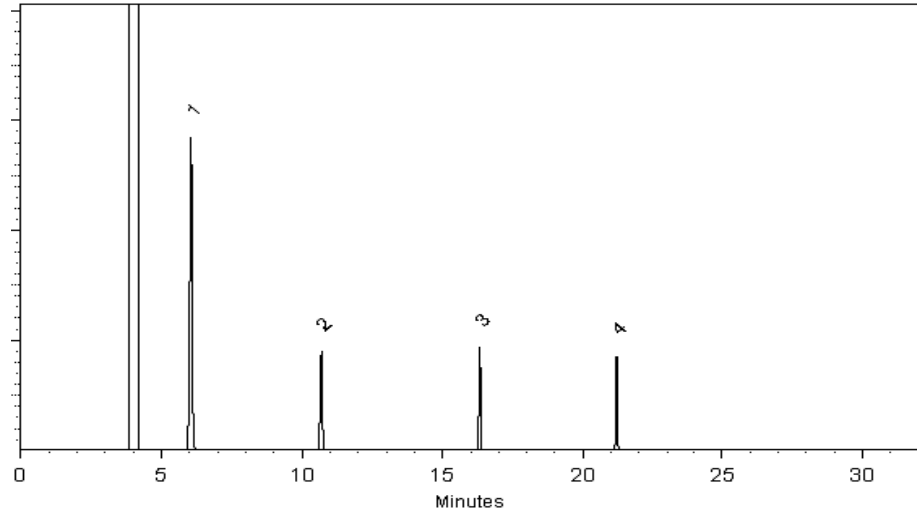
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 13-Oct-2023

Balance Serial # B707717271


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_Cus826_IS_00672



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 558267 **Lot No.:** A0203141

Description : Custom 8260A IS Mix
Custom 8260A IS Mix 2,500-12,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Methyl-2-propanol-d10	53001-22-2	PR-29961	99%	12,504.0 µg/mL	+/- 155.5359
2	Fluorobenzene	462-06-6	BCBZ5549	99%	2,503.5 µg/mL	+/- 31.1565
3	Chlorobenzene-d5	3114-55-4	PR-29571	99%	2,502.0 µg/mL	+/- 31.1378
4	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,504.5 µg/mL	+/- 31.1689

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

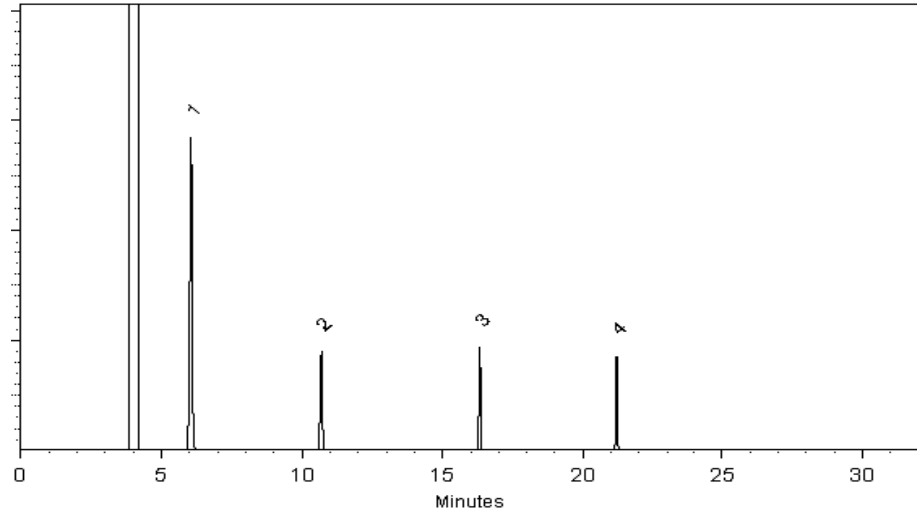
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 13-Oct-2023

Balance Serial # B707717271


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_Cus826_IS_00729



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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 558267 **Lot No.:** A0203141

Description : Custom 8260A IS Mix
Custom 8260A IS Mix 2,500-12,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Methyl-2-propanol-d10	53001-22-2	PR-29961	99%	12,504.0 µg/mL	+/- 155.5359
2	Fluorobenzene	462-06-6	BCBZ5549	99%	2,503.5 µg/mL	+/- 31.1565
3	Chlorobenzene-d5	3114-55-4	PR-29571	99%	2,502.0 µg/mL	+/- 31.1378
4	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,504.5 µg/mL	+/- 31.1689

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

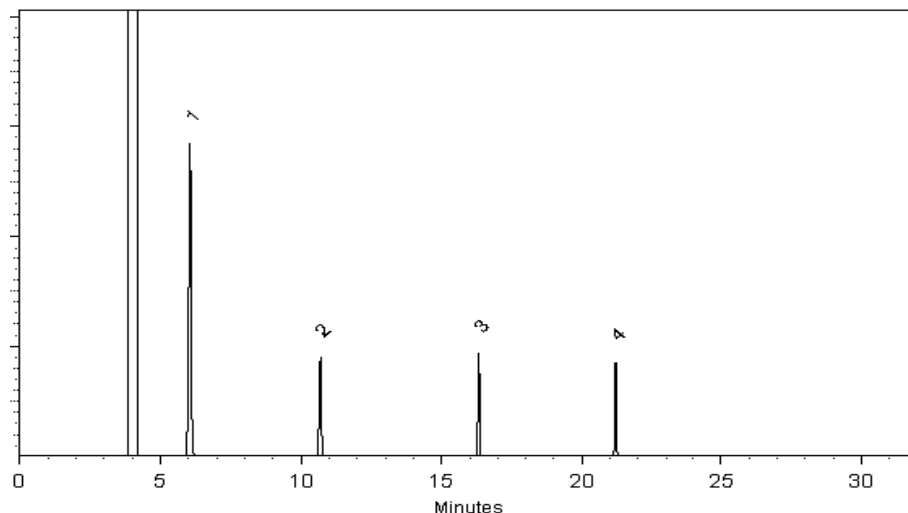
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 13-Oct-2023

Balance Serial # B707717271


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_Cus826_IS_00750



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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 558267 **Lot No.:** A0203141

Description : Custom 8260A IS Mix
Custom 8260A IS Mix 2,500-12,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Methyl-2-propanol-d10	53001-22-2	PR-29961	99%	12,504.0 µg/mL	+/- 155.5359
2	Fluorobenzene	462-06-6	BCBZ5549	99%	2,503.5 µg/mL	+/- 31.1565
3	Chlorobenzene-d5	3114-55-4	PR-29571	99%	2,502.0 µg/mL	+/- 31.1378
4	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,504.5 µg/mL	+/- 31.1689

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

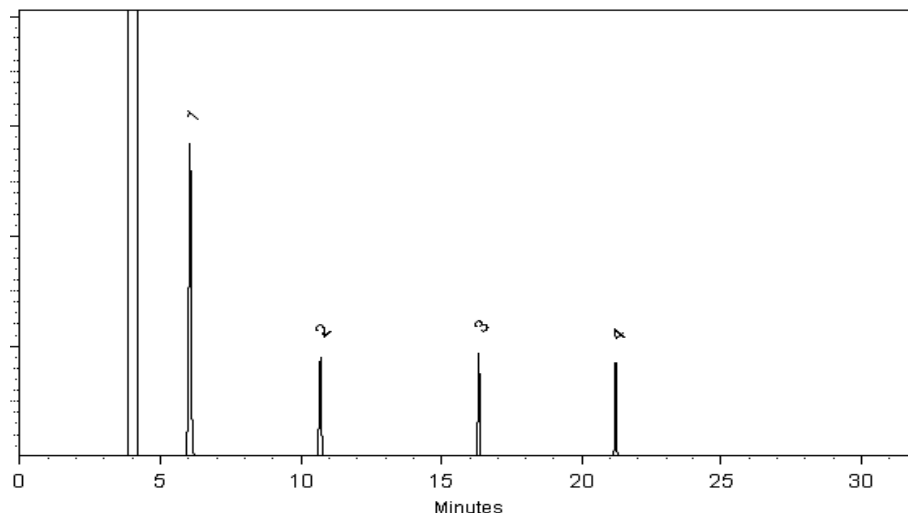
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 13-Oct-2023

Balance Serial # B707717271


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_Cus826_IS_00816



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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 558267 **Lot No.:** A0211699

Description : Custom 8260A IS Mix
Custom 8260A IS Mix 2,500-12,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Methyl-2-propanol-d10	53001-22-2	PR-29961	99%	12,595.0 µg/mL	+/- 156.6678
2	Fluorobenzene	462-06-6	BCBZ5549	99%	2,507.0 µg/mL	+/- 31.2001
3	Chlorobenzene-d5	3114-55-4	PR-31132	99%	2,520.0 µg/mL	+/- 31.3618
4	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,502.0 µg/mL	+/- 31.1378

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

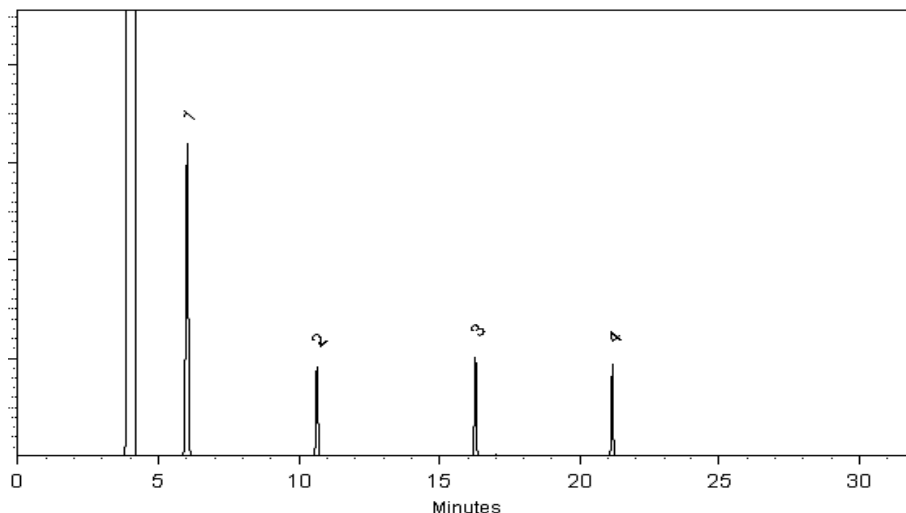
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Bookhamer - Operations Technician I

Date Mixed: 20-May-2024

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 22-May-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_Cus826_IS_00834



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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 558267 **Lot No.:** A0211699

Description : Custom 8260A IS Mix
Custom 8260A IS Mix 2,500-12,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Methyl-2-propanol-d10	53001-22-2	PR-29961	99%	12,595.0 µg/mL	+/- 156.6678
2	Fluorobenzene	462-06-6	BCBZ5549	99%	2,507.0 µg/mL	+/- 31.2001
3	Chlorobenzene-d5	3114-55-4	PR-31132	99%	2,520.0 µg/mL	+/- 31.3618
4	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,502.0 µg/mL	+/- 31.1378

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

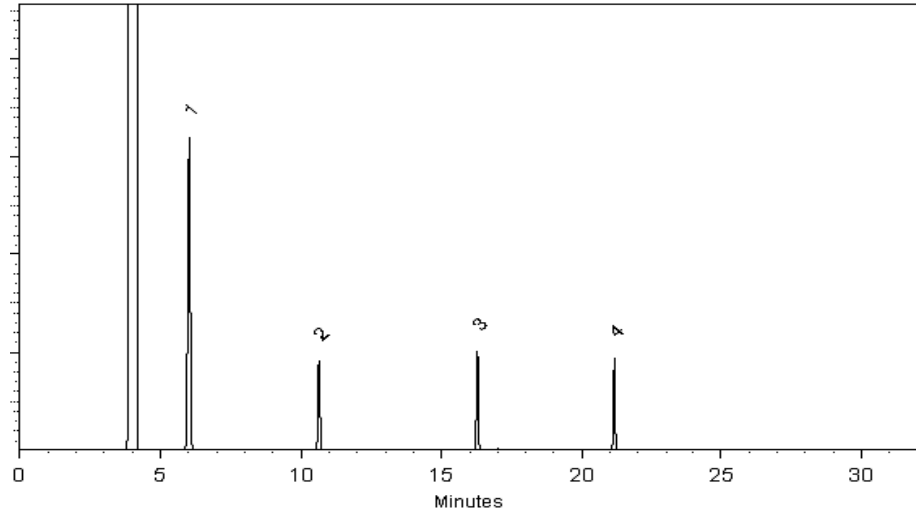
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Bookhamer - Operations Technician I

Date Mixed: 20-May-2024

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 22-May-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_Cus826_IS_00837



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 558267 **Lot No.:** A0211699

Description : Custom 8260A IS Mix
Custom 8260A IS Mix 2,500-12,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Methyl-2-propanol-d10	53001-22-2	PR-29961	99%	12,595.0 µg/mL	+/- 156.6678
2	Fluorobenzene	462-06-6	BCBZ5549	99%	2,507.0 µg/mL	+/- 31.2001
3	Chlorobenzene-d5	3114-55-4	PR-31132	99%	2,520.0 µg/mL	+/- 31.3618
4	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,502.0 µg/mL	+/- 31.1378

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

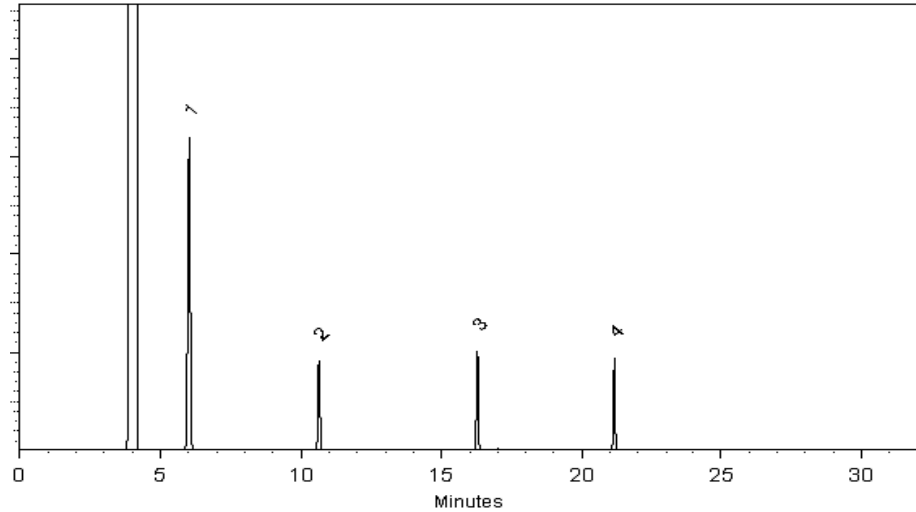
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Bookhamer - Operations Technician I

Date Mixed: 20-May-2024

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 22-May-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_Cus826_IS_00854



110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 558267 **Lot No.:** A0211699

Description : Custom 8260A IS Mix
Custom 8260A IS Mix 2,500-12,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Methyl-2-propanol-d10	53001-22-2	PR-29961	99%	12,595.0 µg/mL	+/- 156.6678
2	Fluorobenzene	462-06-6	BCBZ5549	99%	2,507.0 µg/mL	+/- 31.2001
3	Chlorobenzene-d5	3114-55-4	PR-31132	99%	2,520.0 µg/mL	+/- 31.3618
4	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,502.0 µg/mL	+/- 31.1378

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

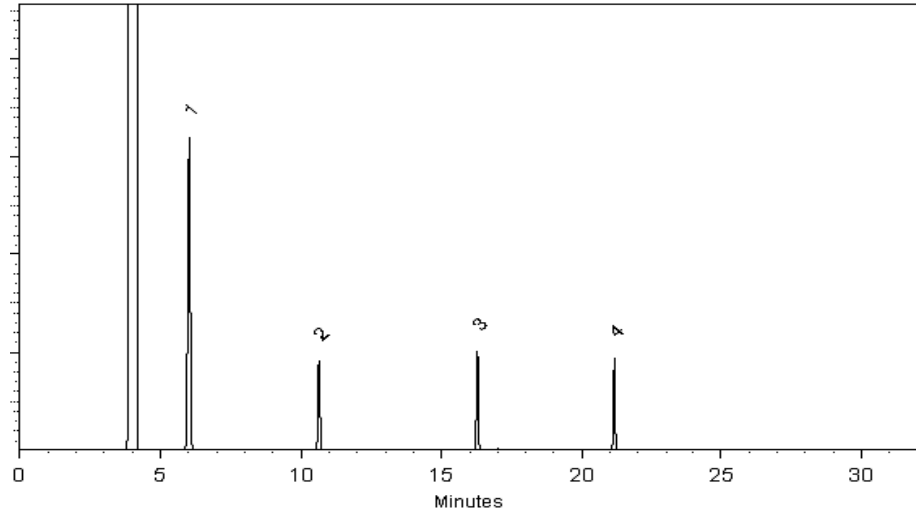
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Bookhamer - Operations Technician I

Date Mixed: 20-May-2024

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 22-May-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_nButylAcr_00007

CERTIFICATE OF ANALYSIS

n-Butyl acrylate

CATALOG NUMBER	N-12513-1G
LOT NUMBER	14061100
DATE CERTIFIED	01/06/20
EXPIRATION DATE	01/31/26
CAS NUMBER	141-32-2
MOLECULAR FORMULA	C ₇ H ₁₂ O ₂
MOLECULAR WEIGHT	128.17
STORAGE	Store at room temperature (20 - 25 °C).
HANDLING	See Safety Data Sheet
INTENDED USE	For laboratory use only.

Analytical Test	Value
% PURITY (GC/FID)	99.5

Chem Service, Inc. guarantees the purity to be +/- 0.5% deviation prior to the expiration date shown on the label and exclusive of any customer contamination.

Certified By:



Kristin R Jones

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.



COA Form
Revision 3 (3/2015)

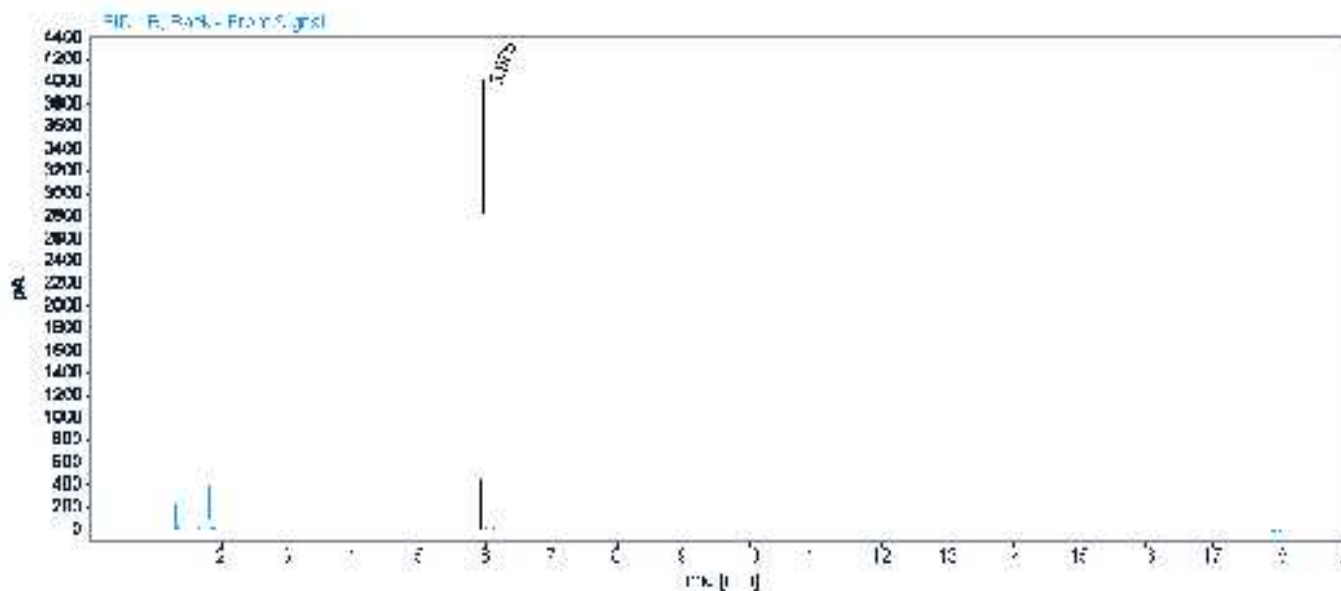
Print Date: 01/26/23

CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2020 DATA\0120\butyl acrylate.D
Sample name: Butyl acrylate
Description:
Acq. method: S-10428M1.M
Instrument: GC3
Injection date: 1/6/2020 9:50:14 AM
Column name: HP-5ms Ultra Inert Diameter 250.000 Length 30.000 Particle Size 0.250

Location: 204
Injection Vol: 1.000
Of Injections: 1



Signal: FID1 B, Back - Front Signal

RT [min]	Type	Width [min]	Area	Height	Area%
5.975	BV	0.0298	8741.1309	3980.0339	100.0000
Sum			8741.1309		

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.



CERTIFICATE OF ANALYSIS

n-Butyl acrylate

CATALOG NUMBER	N-12513-1G
LOT NUMBER	14061100
DATE CERTIFIED	01/06/20
EXPIRATION DATE	01/31/26
CAS NUMBER	141-32-2
MOLECULAR FORMULA	C ₇ H ₁₂ O ₂
MOLECULAR WEIGHT	128.17
STORAGE	Store at room temperature (20 - 25 °C).
HANDLING	See Safety Data Sheet
INTENDED USE	For laboratory use only.

Analytical Test	Value
% PURITY (GC/FID)	99.5

Chem Service, Inc. guarantees the purity to be +/- 0.5% deviation prior to the expiration date shown on the label and exclusive of any customer contamination.

Certified By:



Kristin R Jones

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.



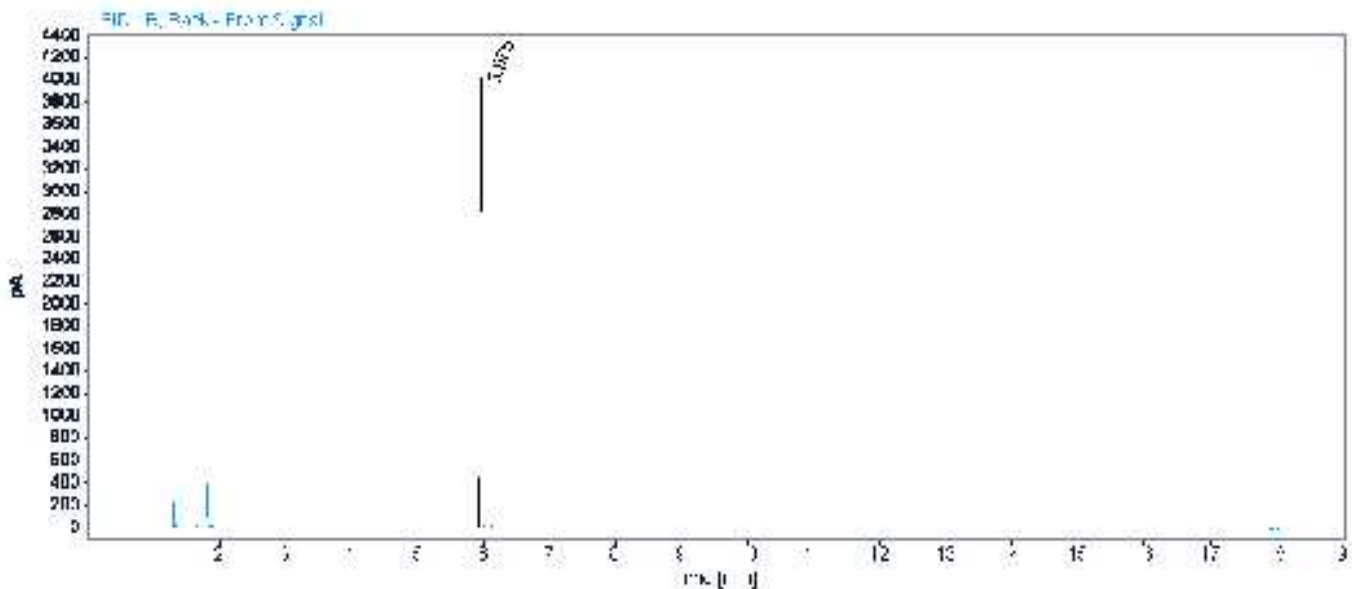
COA Form
Revision 3 (3/2015)

Print Date: 01/26/23

CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2020 DATA\0120\butyl acrylate.D
Sample name: Butyl acrylate
Description:
Acq. method: S-10428M1.M
Instrument: GC3
Injection date: 1/6/2020 9:50:14 AM
Column name: HP-5ms Ultra Inert Diameter 250.000 Length 30.000 Particle Size 0.250
Location: 204
Injection Vol: 1.000
Of Injections: 1



Signal: FID1 B, Back - Front Signal

RT [min]	Type	Width [min]	Area	Height	Area%
5.975	BV	0.0298	8741.1309	3980.0339	100.0000
Sum			8741.1309		

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.



Reagent

MSV_QC_2K_GAS_00308



110 Benner Circle
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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 577488.SEC **Lot No.:** A0211460

Description : Custom Gases.SEC Standard
Custom Gases.SEC Standard 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	28888	99%	2,002.3 µg/mL	+/- 116.3467
2	Chloromethane (methyl chloride)	74-87-3.SEC	00022694	99%	2,014.2 µg/mL	+/- 117.1824
3	Vinyl chloride	75-01-4 *	00015559	99%	2,009.3 µg/mL	+/- 117.9630
4	1,3-Butadiene	106-99-0.SEC	28539	99%	2,030.2 µg/mL	+/- 117.6986
5	Bromomethane (methyl bromide)	74-83-9 *	00017022	99%	2,017.1 µg/mL	+/- 136.9230
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,005.3 µg/mL	+/- 122.7081
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14485600	90%	2,016.0 µg/mL	+/- 113.2616
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00010739	99%	2,020.0 µg/mL	+/- 113.4863
9	1,2-Dichloro-1,1,2-trifluoroethane (CFC-123a)	354-23-4 *	877500	99%	2,005.1 µg/mL	+/- 115.4133

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

* Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.

Tech Tips:

Raw material may contain trace amounts of tert-Butanol.

Quality Confirmation Test

Column:

60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:

helium-constant flow 2.0 mL/min.

Temp. Program:

40°C (hold 6 min.) to 100°C
@ 6°C/min.

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

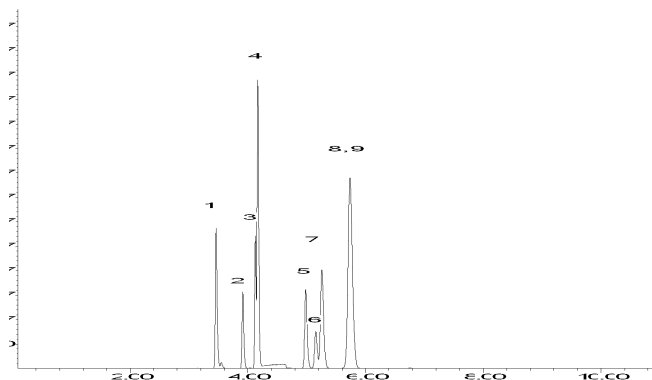
MSD

Split Vent:

Split ratio 10:1

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Matt Fragassi - Mix Technician

Date Mixed: 15-May-2024

Balance Serial # 1127510105


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 22-May-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_V_Ketones_00236



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0210935

Description : 8260 List 1/ Std #2 Ketones (2015)
8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	12,591.3 µg/mL	+/- 435.1857
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,561.0 µg/mL	+/- 434.1373
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,580.0 µg/mL	+/- 434.7940
4	2-Hexanone	591-78-6	MKCV1997	99%	12,580.7 µg/mL	+/- 434.8170

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

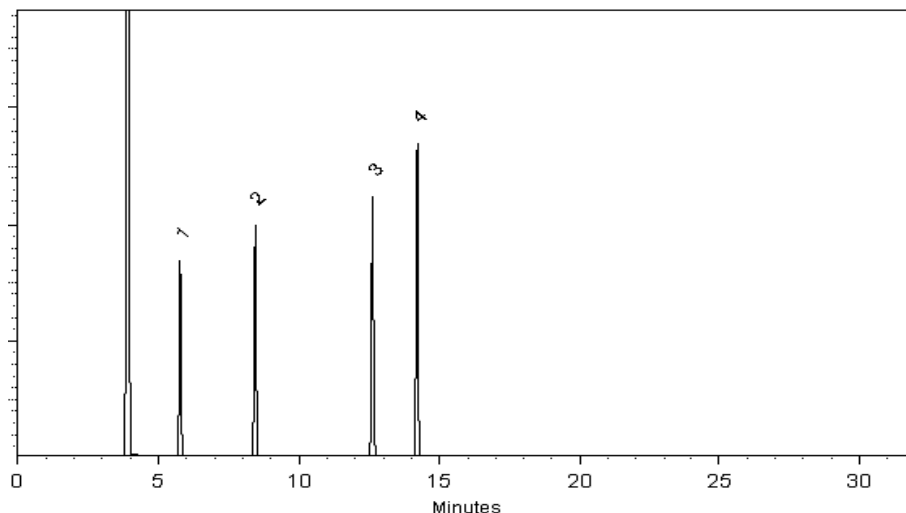
FID

Split Vent:

40 ml/min

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 30-Apr-2024

Balance Serial # B707717271

Dillan Murphy - Operations Technician I

Date Passed: 02-May-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_V_PentaCL_00054



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 577491 **Lot No.:** A0197490

Description : Custom Pentachloroethane Standard

Custom Pentachloroethane Standard 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachloroethane	76-01-7	13550700	97%	5,011.0 µg/mL	+/- 281.5258

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

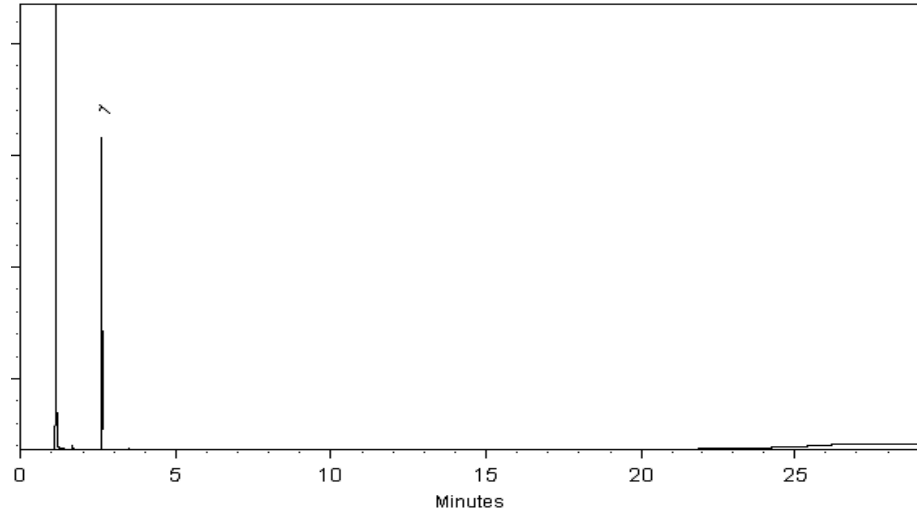
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Nick Yaw - Operations Tech I

Date Mixed: 26-Apr-2023

Balance Serial # B251644995

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 02-May-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_V_PentaCL_00075



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 577491 **Lot No.:** A0197490

Description : Custom Pentachloroethane Standard

Custom Pentachloroethane Standard 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachloroethane	76-01-7	13550700	97%	5,011.0 µg/mL	+/- 281.5258

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

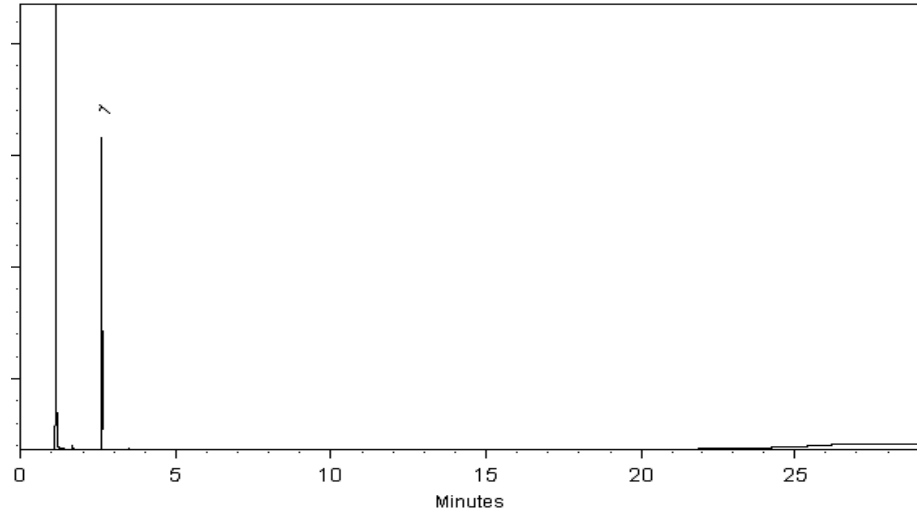
FID

Split Vent:

100 mL/min.

Inj. Vol

1µL



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Nick Yaw - Operations Tech I

Date Mixed: 26-Apr-2023

Balance Serial # B251644995

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 02-May-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_V_SMFreon_00052



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 577490 **Lot No.:** A0197864
Description : Custom SM Freons Standard
Custom SM Freons Standard 2,000µg/mL, P&T Methanol, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : May 31, 2026 **Storage:** 0°C or colder
Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Chlorotrifluoroethylene	79-38-9	202600	99%	1,999.9 µg/mL	+/- 116.8216
2	Chlorodifluoromethane (CFC-22)	75-45-6	Q162-44	99%	2,004.5 µg/mL	+/- 121.9609
3	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	75-88-7	Q157-146	99%	1,991.8 µg/mL	+/- 129.5770

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:

helium-constant flow 2.0 mL/min.

Temp. Program:

40°C (hold 6 min.) to 100°C
@ 6°C/min.

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

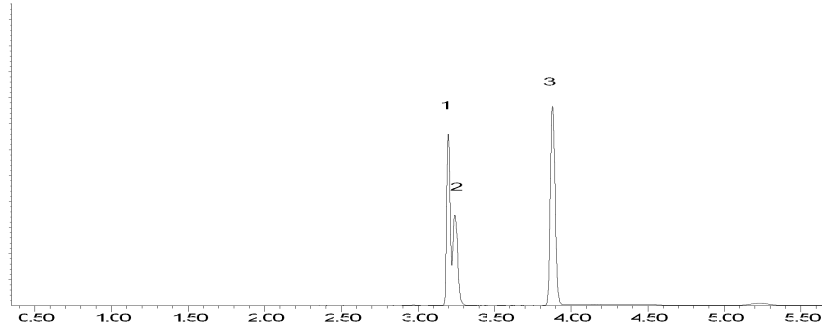
MSD

Split Vent:

Split ratio 10:1

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 09-May-2023

Balance Serial # B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-May-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_V_SMFreon_00054



110 Benner Circle
Bellefonte, PA 16823-8812
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www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 577490 **Lot No.:** A0197864
Description : Custom SM Freons Standard
Custom SM Freons Standard 2,000µg/mL, P&T Methanol, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : May 31, 2026 **Storage:** 0°C or colder
Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Chlorotrifluoroethylene	79-38-9	202600	99%	1,999.9 µg/mL	+/- 116.8216
2	Chlorodifluoromethane (CFC-22)	75-45-6	Q162-44	99%	2,004.5 µg/mL	+/- 121.9609
3	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	75-88-7	Q157-146	99%	1,991.8 µg/mL	+/- 129.5770

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:

helium-constant flow 2.0 mL/min.

Temp. Program:

40°C (hold 6 min.) to 100°C
@ 6°C/min.

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

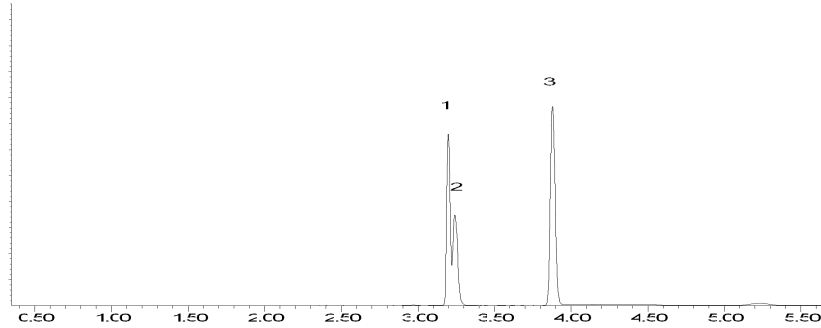
MSD

Split Vent:

Split ratio 10:1

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 09-May-2023

Balance Serial # B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-May-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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Method 8260D

Volatile Organic Compounds (GC/MS)
by Method 8260D

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Matrix: Water

Level: Low

GC Column (1): R-624SilMS 3 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
HD-CW-1A-0/1-0	410-244867-1	117	110	97	90
HD-MW-67S-0/1-0	410-244867-2	120	113	93	88
HD-QC2-0/1-1	410-244867-3	117	108	96	90
HD-MW67D-0/1-0	410-244867-4	116	111	96	89
HD-QC2-0/1-3	410-244867-5	116	111	96	90
HD-QC2-0/1-4	410-244867-6	115	107	94	91
HD-MW-12-0/1-0	410-244867-7	119	110	96	89
HD-MW-18S-0/1-0	410-244867-8	120	109	94	88
HD-MW-20S-0/1-0	410-244867-9	111	107	101	97
HD-CW-2-0/1-0	410-244867-10	118	111	96	90
HD-MW-16S-0/1-0	410-244867-11	118	113	90	86
HD-MW-9-0/1-0	410-244867-12	95	103	106	103
HD-QC2-0/1-2	410-244867-13	94	101	108	102
	MB 410-711952/7	95	102	108	103
	MB 410-712734/6	110	105	97	90
	MB 410-712926/8	106	108	102	97
	MB 410-713392/7	109	102	94	90
	LCS 410-711952/5	92	99	110	102
	LCS 410-712734/4	103	102	106	100
	LCS 410-712926/6	103	101	104	100
	LCS 410-713392/4	104	105	99	95
	LCSD 410-713392/5	104	101	98	94
HD-MW-67S-0/1-0 MS	410-244867-2 MS	105	104	108	99
HD-MW-67S-0/1-0 MSD MSD	410-244867-2 MSD	103	103	107	102

QC LIMITS

DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

80-120
80-120
80-120
80-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: NC10X04.D

Lab ID: LCS 410-711952/5

Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	19.3	97	79-120	
1,1,1-Trichloroethane	20.0	16.9	85	73-120	
1,1,2,2-Tetrachloroethane	20.0	25.0	125	72-120	*+
1,1,2-Trichloroethane	20.0	20.2	101	80-120	
1,1-Dichloroethane	20.0	20.6	103	80-120	
1,1-Dichloroethene	20.0	18.9	95	80-131	
1,2-Dibromoethane (EDB)	20.0	18.6	93	77-120	
1,2-Dichloroethane	20.0	17.2	86	73-124	
1,2-Dichloropropane	20.0	20.8	104	80-120	
2-Butanone (MEK)	250	248	99	59-135	
2-Hexanone	250	277	111	56-135	
4-Methyl-2-pentanone (MIBK)	250	245	98	62-133	
Acetone	250	237	95	57-143	
Benzene	20.0	19.8	99	80-120	
Bromochloromethane	20.0	16.8	84	80-120	
Bromodichloromethane	20.0	17.7	88	71-120	
Bromoform	20.0	16.0	80	51-120	
Bromomethane	20.0	18.9	95	53-128	
Carbon disulfide	20.0	19.6	98	65-128	
Carbon tetrachloride	20.0	15.7	78	64-134	
Chlorobenzene	20.0	19.0	95	80-120	
Chloroethane	20.0	21.8	109	55-123	
Chloroform	20.0	17.6	88	80-120	
Chloromethane	20.0	20.7	104	39-134	
cis-1,2-Dichloroethene	20.0	18.8	94	80-125	
cis-1,3-Dichloropropene	20.0	17.5	88	75-120	
Dibromochloromethane	20.0	17.3	86	71-120	
Ethylbenzene	20.0	20.7	103	80-120	
Methyl tert-butyl ether	20.0	18.1	91	69-122	
Methylene Chloride	20.0	20.2	101	80-120	
Styrene	20.0	19.2	96	80-120	
Tetrachloroethene	20.0	16.0	80	80-120	
Toluene	20.0	20.7	104	80-120	
trans-1,2-Dichloroethene	20.0	17.9	89	80-126	
trans-1,3-Dichloropropene	20.0	20.3	101	67-120	
Trichloroethene	20.0	17.0	85	80-120	
Vinyl chloride	20.0	20.8	104	56-120	
Xylenes, Total	60.0	60.2	100	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: FC12X55.D

Lab ID: LCS 410-712734/4

Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	20.4	102	79-120	
1,1,1-Trichloroethane	20.0	21.0	105	73-120	
1,1,2,2-Tetrachloroethane	20.0	21.3	106	72-120	
1,1,2-Trichloroethane	20.0	20.7	103	80-120	
1,1-Dichloroethane	20.0	21.2	106	80-120	
1,1-Dichloroethene	20.0	17.1	86	80-131	
1,2-Dibromoethane (EDB)	20.0	21.0	105	77-120	
1,2-Dichloroethane	20.0	22.1	110	73-124	
1,2-Dichloropropane	20.0	21.1	106	80-120	
2-Butanone (MEK)	250	283	113	59-135	
2-Hexanone	250	333	133	56-135	
4-Methyl-2-pentanone (MIBK)	250	318	127	62-133	
Acetone	250	191	76	57-143	
Benzene	20.0	20.3	101	80-120	
Bromochloromethane	20.0	19.8	99	80-120	
Bromodichloromethane	20.0	19.8	99	71-120	
Bromoform	20.0	19.2	96	51-120	
Bromomethane	20.0	16.6	83	53-128	
Carbon disulfide	20.0	20.5	102	65-128	
Carbon tetrachloride	20.0	20.5	102	64-134	
Chlorobenzene	20.0	20.1	100	80-120	
Chloroethane	20.0	18.0	90	55-123	
Chloroform	20.0	21.3	107	80-120	
Chloromethane	20.0	17.1	86	39-134	
cis-1,2-Dichloroethene	20.0	19.9	99	80-125	
cis-1,3-Dichloropropene	20.0	18.6	93	75-120	
Dibromochloromethane	20.0	19.3	96	71-120	
Ethylbenzene	20.0	21.9	109	80-120	
Methyl tert-butyl ether	20.0	22.4	112	69-122	
Methylene Chloride	20.0	21.0	105	80-120	
Styrene	20.0	20.3	102	80-120	
Tetrachloroethene	20.0	19.9	99	80-120	
Toluene	20.0	20.2	101	80-120	
trans-1,2-Dichloroethene	20.0	20.4	102	80-126	
trans-1,3-Dichloropropene	20.0	20.0	100	67-120	
Trichloroethene	20.0	20.3	101	80-120	
Vinyl chloride	20.0	17.8	89	56-120	
Xylenes, Total	60.0	62.1	104	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: 5C13X05.D

Lab ID: LCS 410-712926/6

Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	20.0	100	79-120	
1,1,1-Trichloroethane	20.0	20.2	101	73-120	
1,1,2,2-Tetrachloroethane	20.0	15.5	77	72-120	
1,1,2-Trichloroethane	20.0	17.6	88	80-120	
1,1-Dichloroethane	20.0	19.2	96	80-120	
1,1-Dichloroethene	20.0	20.4	102	80-131	
1,2-Dibromoethane (EDB)	20.0	17.4	87	77-120	
1,2-Dichloroethane	20.0	18.9	94	73-124	
1,2-Dichloropropane	20.0	17.4	87	80-120	
2-Butanone (MEK)	250	196	79	59-135	
2-Hexanone	250	211	84	56-135	
4-Methyl-2-pentanone (MIBK)	250	202	81	62-133	
Acetone	250	225	90	57-143	
Benzene	20.0	17.9	89	80-120	
Bromochloromethane	20.0	19.3	96	80-120	
Bromodichloromethane	20.0	17.7	89	71-120	
Bromoform	20.0	18.4	92	51-120	
Bromomethane	20.0	16.6	83	53-128	
Carbon disulfide	20.0	18.1	90	65-128	
Carbon tetrachloride	20.0	21.0	105	64-134	
Chlorobenzene	20.0	18.9	94	80-120	
Chloroethane	20.0	18.1	90	55-123	
Chloroform	20.0	19.2	96	80-120	
Chloromethane	20.0	14.4	72	39-134	
cis-1,2-Dichloroethene	20.0	19.6	98	80-125	
cis-1,3-Dichloropropene	20.0	15.5	78	75-120	
Dibromochloromethane	20.0	18.3	92	71-120	
Ethylbenzene	20.0	18.6	93	80-120	
Methyl tert-butyl ether	20.0	16.9	84	69-122	
Methylene Chloride	20.0	18.7	93	80-120	
Styrene	20.0	17.5	87	80-120	
Tetrachloroethene	20.0	20.6	103	80-120	
Toluene	20.0	18.5	92	80-120	
trans-1,2-Dichloroethene	20.0	19.1	96	80-126	
trans-1,3-Dichloropropene	20.0	16.5	82	67-120	
Trichloroethene	20.0	18.0	90	80-120	
Vinyl chloride	20.0	14.4	72	56-120	
Xylenes, Total	60.0	58.3	97	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: YC13X53.D

Lab ID: LCS 410-713392/4

Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	22.4	112	79-120	
1,1,1-Trichloroethane	20.0	20.8	104	73-120	
1,1,2,2-Tetrachloroethane	20.0	17.9	90	72-120	
1,1,2-Trichloroethane	20.0	20.1	101	80-120	
1,1-Dichloroethane	20.0	20.0	100	80-120	
1,1-Dichloroethene	20.0	23.3	116	80-131	
1,2-Dibromoethane (EDB)	20.0	20.1	101	77-120	
1,2-Dichloroethane	20.0	18.9	95	73-124	
1,2-Dichloropropane	20.0	18.2	91	80-120	
2-Butanone (MEK)	250	210	84	59-135	
2-Hexanone	250	227	91	56-135	
4-Methyl-2-pentanone (MIBK)	250	217	87	62-133	
Acetone	250	260	104	57-143	
Benzene	20.0	18.8	94	80-120	
Bromochloromethane	20.0	23.4	117	80-120	
Bromodichloromethane	20.0	19.5	97	71-120	
Bromoform	20.0	23.1	116	51-120	
Bromomethane	20.0	20.6	103	53-128	
Carbon disulfide	20.0	22.8	114	65-128	
Carbon tetrachloride	20.0	22.2	111	64-134	
Chlorobenzene	20.0	20.3	101	80-120	
Chloroethane	20.0	19.9	100	55-123	
Chloroform	20.0	20.1	101	80-120	
Chloromethane	20.0	19.9	99	39-134	
cis-1,2-Dichloroethene	20.0	20.4	102	80-125	
cis-1,3-Dichloropropene	20.0	16.8	84	75-120	
Dibromochloromethane	20.0	21.3	106	71-120	
Ethylbenzene	20.0	17.9	90	80-120	
Methyl tert-butyl ether	20.0	17.8	89	69-122	
Methylene Chloride	20.0	22.1	110	80-120	
Styrene	20.0	18.4	92	80-120	
Tetrachloroethene	20.0	21.4	107	80-120	
Toluene	20.0	19.0	95	80-120	
trans-1,2-Dichloroethene	20.0	21.7	109	80-126	
trans-1,3-Dichloropropene	20.0	17.0	85	67-120	
Trichloroethene	20.0	19.5	97	80-120	
Vinyl chloride	20.0	21.6	108	56-120	
Xylenes, Total	60.0	56.1	94	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: YC13X54.D

Lab ID: LCSD 410-713392/5

Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1,2-Tetrachloroethane	20.0	21.1	105	6	30	79-120	
1,1,1-Trichloroethane	20.0	20.0	100	4	30	73-120	
1,1,2,2-Tetrachloroethane	20.0	17.5	87	3	30	72-120	
1,1,2-Trichloroethane	20.0	19.3	97	4	30	80-120	
1,1-Dichloroethane	20.0	19.1	95	5	30	80-120	
1,1-Dichloroethene	20.0	21.6	108	8	30	80-131	
1,2-Dibromoethane (EDB)	20.0	19.1	96	5	30	77-120	
1,2-Dichloroethane	20.0	19.1	95	1	30	73-124	
1,2-Dichloropropane	20.0	17.2	86	6	30	80-120	
2-Butanone (MEK)	250	201	80	4	30	59-135	
2-Hexanone	250	221	88	3	30	56-135	
4-Methyl-2-pentanone (MIBK)	250	211	84	3	30	62-133	
Acetone	250	256	103	1	30	57-143	
Benzene	20.0	18.4	92	2	30	80-120	
Bromochloromethane	20.0	22.0	110	6	30	80-120	
Bromodichloromethane	20.0	18.7	93	4	30	71-120	
Bromoform	20.0	22.2	111	4	30	51-120	
Bromomethane	20.0	19.0	95	8	30	53-128	
Carbon disulfide	20.0	22.1	110	3	30	65-128	
Carbon tetrachloride	20.0	20.9	104	6	30	64-134	
Chlorobenzene	20.0	19.4	97	4	30	80-120	
Chloroethane	20.0	17.7	89	12	30	55-123	
Chloroform	20.0	19.2	96	4	30	80-120	
Chloromethane	20.0	17.7	89	11	30	39-134	
cis-1,2-Dichloroethene	20.0	19.4	97	5	30	80-125	
cis-1,3-Dichloropropene	20.0	16.3	81	3	30	75-120	
Dibromochloromethane	20.0	20.8	104	3	30	71-120	
Ethylbenzene	20.0	17.4	87	3	30	80-120	
Methyl tert-butyl ether	20.0	17.0	85	4	30	69-122	
Methylene Chloride	20.0	21.2	106	4	30	80-120	
Styrene	20.0	17.7	89	4	30	80-120	
Tetrachloroethene	20.0	20.4	102	4	30	80-120	
Toluene	20.0	18.3	91	4	30	80-120	
trans-1,2-Dichloroethene	20.0	20.4	102	6	30	80-126	
trans-1,3-Dichloropropene	20.0	16.6	83	2	30	67-120	
Trichloroethene	20.0	19.0	95	2	30	80-120	
Vinyl chloride	20.0	19.1	96	12	30	56-120	
Xylenes, Total	60.0	54.2	90	3	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: FC12X70.D

Lab ID: 410-244867-2 MS

Client ID: HD-MW-67S-0/1-0 MS MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	ND	20.6	103	75-120	
1,1,1-Trichloroethane	20.0	5.9	28.0	110	68-120	
1,1,2,2-Tetrachloroethane	20.0	ND	20.4	102	71-122	
1,1,2-Trichloroethane	20.0	ND	20.7	104	80-120	
1,1-Dichloroethane	20.0	ND	23.2	116	74-120	
1,1-Dichloroethene	20.0	1.5	21.5	100	74-121	
1,2-Dibromoethane (EDB)	20.0	ND	20.7	103	80-120	
1,2-Dichloroethane	20.0	ND	22.4	112	69-120	
1,2-Dichloropropane	20.0	ND	21.9	109	77-120	
2-Butanone (MEK)	250	ND	262	105	65-131	
2-Hexanone	250	ND	326	130	67-132	
4-Methyl-2-pentanone (MIBK)	250	ND	312	125	66-129	
Acetone	250	ND	248	99	58-141	
Benzene	20.0	ND	22.1	111	81-120	
Bromochloromethane	20.0	ND	21.1	106	76-126	
Bromodichloromethane	20.0	ND	20.2	101	73-120	
Bromoform	20.0	ND	17.9	90	64-125	
Bromomethane	20.0	ND	18.8	94	43-128	
Carbon disulfide	20.0	ND	21.8	109	75-132	
Carbon tetrachloride	20.0	ND	23.6	118	63-128	
Chlorobenzene	20.0	ND	21.0	105	80-120	
Chloroethane	20.0	ND	20.4	102	60-121	
Chloroform	20.0	1.2	24.0	114	74-120	
Chloromethane	20.0	ND	18.6	93	49-126	
cis-1,2-Dichloroethene	20.0	0.51 J	21.5	105	81-121	
cis-1,3-Dichloropropene	20.0	ND	16.8	84	71-120	
Dibromochloromethane	20.0	ND	19.4	97	74-120	
Ethylbenzene	20.0	ND	22.5	112	78-120	
Methyl tert-butyl ether	20.0	ND	20.1	101	75-120	
Methylene Chloride	20.0	ND	21.8	109	77-120	
Styrene	20.0	ND	20.4	102	78-120	
Tetrachloroethene	20.0	1.7	22.1	102	68-125	
Toluene	20.0	ND	21.6	108	79-120	
trans-1,2-Dichloroethene	20.0	ND	22.1	110	74-120	
trans-1,3-Dichloropropene	20.0	ND	18.7	94	72-120	
Trichloroethene	20.0	1.6	22.8	106	76-120	
Vinyl chloride	20.0	ND	19.8	99	52-120	
Xylenes, Total	60.0	ND	64.0	107	78-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: FC12X71.D

Lab ID: 410-244867-2 MSD

Client ID: HD-MW-67S-0/1-0 MSD MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1,2-Tetrachloroethane	20.0	20.1	101	2	30	75-120	
1,1,1-Trichloroethane	20.0	27.7	109	1	30	68-120	
1,1,2,2-Tetrachloroethane	20.0	21.0	105	3	30	71-122	
1,1,2-Trichloroethane	20.0	20.6	103	1	30	80-120	
1,1-Dichloroethane	20.0	22.6	113	3	30	74-120	
1,1-Dichloroethene	20.0	20.6	96	4	30	74-121	
1,2-Dibromoethane (EDB)	20.0	20.4	102	1	30	80-120	
1,2-Dichloroethane	20.0	22.3	111	1	30	69-120	
1,2-Dichloropropane	20.0	22.0	110	1	30	77-120	
2-Butanone (MEK)	250	276	110	5	30	65-131	
2-Hexanone	250	331	132	1	30	67-132	
4-Methyl-2-pentanone (MIBK)	250	318	127	2	30	66-129	
Acetone	250	248	99	0	30	58-141	
Benzene	20.0	21.8	109	2	30	81-120	
Bromochloromethane	20.0	20.1	100	5	30	76-126	
Bromodichloromethane	20.0	20.5	102	1	30	73-120	
Bromoform	20.0	17.4	87	3	30	64-125	
Bromomethane	20.0	18.8	94	0	30	43-128	
Carbon disulfide	20.0	21.5	108	1	30	75-132	
Carbon tetrachloride	20.0	22.6	113	4	30	63-128	
Chlorobenzene	20.0	20.6	103	2	30	80-120	
Chloroethane	20.0	20.1	101	1	30	60-121	
Chloroform	20.0	23.0	109	4	30	74-120	
Chloromethane	20.0	18.9	94	2	30	49-126	
cis-1,2-Dichloroethene	20.0	21.1	103	2	30	81-121	
cis-1,3-Dichloropropene	20.0	17.2	86	2	30	71-120	
Dibromochloromethane	20.0	18.5	92	5	30	74-120	
Ethylbenzene	20.0	22.4	112	0	30	78-120	
Methyl tert-butyl ether	20.0	20.2	101	0	30	75-120	
Methylene Chloride	20.0	21.0	105	4	30	77-120	
Styrene	20.0	20.6	103	1	30	78-120	
Tetrachloroethene	20.0	22.0	102	0	30	68-125	
Toluene	20.0	21.4	107	1	30	79-120	
trans-1,2-Dichloroethene	20.0	21.6	108	2	30	74-120	
trans-1,3-Dichloropropene	20.0	18.9	94	1	30	72-120	
Trichloroethene	20.0	22.8	106	0	30	76-120	
Vinyl chloride	20.0	19.8	99	0	30	52-120	
Xylenes, Total	60.0	63.7	106	0	30	78-120	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab File ID: NC10X06.D

Lab Sample ID: MB 410-711952/7

Matrix: Water

Heated Purge: (Y/N) N

Instrument ID: 7159

Date Analyzed: 10/10/2025 11:22

GC Column: R-624SilMS 30m ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 410-711952/5	NC10X04.D	10/10/2025 10:42
HD-MW-9-0/1-0	410-244867-12	NC10X08.D	10/10/2025 13:16
HD-QC2-0/1-2	410-244867-13	NC10X09.D	10/10/2025 13:36

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab File ID: FC12X57.D

Lab Sample ID: MB 410-712734/6

Matrix: Water

Heated Purge: (Y/N) N

Instrument ID: 15830

Date Analyzed: 10/12/2025 22:41

GC Column: R-624SilMS 30m ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 410-712734/4	FC12X55.D	10/12/2025 21:56
HD-QC2-0/1-4	410-244867-6	FC12X59.D	10/12/2025 23:26
HD-QC2-0/1-3	410-244867-5	FC12X60.D	10/12/2025 23:49
HD-CW-1A-0/1-0	410-244867-1	FC12X61.D	10/13/2025 00:12
HD-QC2-0/1-1	410-244867-3	FC12X62.D	10/13/2025 00:35
HD-MW67D-0/1-0	410-244867-4	FC12X63.D	10/13/2025 00:57
HD-MW-12-0/1-0	410-244867-7	FC12X64.D	10/13/2025 01:20
HD-MW-18S-0/1-0	410-244867-8	FC12X65.D	10/13/2025 01:43
HD-CW-2-0/1-0	410-244867-10	FC12X67.D	10/13/2025 02:28
HD-MW-67S-0/1-0	410-244867-2	FC12X69.D	10/13/2025 03:13
HD-MW-67S-0/1-0 MS MS	410-244867-2 MS	FC12X70.D	10/13/2025 03:36
HD-MW-67S-0/1-0 MSD MSD	410-244867-2 MSD	FC12X71.D	10/13/2025 03:58

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab File ID: 5C13X07.D

Lab Sample ID: MB 410-712926/8

Matrix: Water

Heated Purge: (Y/N) N

Instrument ID: 26285

Date Analyzed: 10/13/2025 11:23

GC Column: R-624SilMS 30m ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 410-712926/6	5C13X05.D	10/13/2025 10:42
HD-MW-20S-0/1-0	410-244867-9	5C13X16.D	10/13/2025 14:25

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab File ID: YC13X56.D

Lab Sample ID: MB 410-713392/7

Matrix: Water

Heated Purge: (Y/N) N

Instrument ID: 9355

Date Analyzed: 10/14/2025 00:39

GC Column: R-624SilMS 30m ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 410-713392/4	YC13X53.D	10/13/2025 23:31
	LCSD 410-713392/5	YC13X54.D	10/13/2025 23:54
HD-MW-16S-0/1-0	410-244867-11	YC13X68.D	10/14/2025 05:09

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Lab File ID: _____ BFB Injection Date: _____

Instrument ID: _____ BFB Injection Time: _____

Lab File ID: _____ DFTPP Injection Date: _____

Instrument ID: _____ DFTPP Injection Time: _____

Analysis Batch No.: _____

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE

NOTE: All ion abundances shall be normalized to m/z 95, the nominal base peak, even though the ion abundance of m/z 174 may be up to 120% that of m/z 95. Criteria based on EPA method 524.4.

NOTE: All ion abundances MUST be normalized to m/z 198, the nominal base peak, even though the ion abundance of m/z 442 may exceed that of m/z 198.

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 410-712734/3	FC12X54.D	10/12/2025	21:33
	LCS 410-712734/4	FC12X55.D	10/12/2025	21:56
	MB 410-712734/6	FC12X57.D	10/12/2025	22:41
HD-QC2-0/1-4	410-244867-6	FC12X59.D	10/12/2025	23:26
HD-QC2-0/1-3	410-244867-5	FC12X60.D	10/12/2025	23:49
HD-CW-1A-0/1-0	410-244867-1	FC12X61.D	10/13/2025	0:12
HD-QC2-0/1-1	410-244867-3	FC12X62.D	10/13/2025	0:35
HD-MW67D-0/1-0	410-244867-4	FC12X63.D	10/13/2025	0:57
HD-MW-12-0/1-0	410-244867-7	FC12X64.D	10/13/2025	1:20
HD-MW-18S-0/1-0	410-244867-8	FC12X65.D	10/13/2025	1:43
HD-CW-2-0/1-0	410-244867-10	FC12X67.D	10/13/2025	2:28
HD-MW-67S-0/1-0	410-244867-2	FC12X69.D	10/13/2025	3:13
HD-MW-67S-0/1-0 MS MS	410-244867-2 MS	FC12X70.D	10/13/2025	3:36
HD-MW-67S-0/1-0 MSD MSD	410-244867-2 MSD	FC12X71.D	10/13/2025	3:58

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab File ID: FC07T51.D

BFB Injection Date: 10/07/2025

Instrument ID: 15830

BFB Injection Time: 16:30

Analysis Batch No.: 710355

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	16.9
75	30.0 - 60.0 % of mass 95	46.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.6
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	83.8
175	5.0 - 9.0 % of mass 174	7.0 (8.4) 1
176	95.0 - 101.0 % of mass 174	79.9 (95.4) 1
177	5.0 - 9.0 % of mass 176	5.1 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 410-710355/15	FC07X55.D	10/07/2025	18:13
	ICIS 410-710355/16	FC07X56.D	10/07/2025	18:35
	IC 410-710355/17	FC07X57.D	10/07/2025	18:58
	IC 410-710355/18	FC07X58.D	10/07/2025	19:21
	ICV 410-710355/20	FC07X60.D	10/07/2025	20:07
	IC 410-710355/12	FC07X65.D	10/07/2025	23:07
	IC 410-710355/13	FC07X66.D	10/07/2025	23:29
	IC 410-710355/14	FC07X67.D	10/07/2025	23:52

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab File ID: 5G11T01.D

BFB Injection Date: 08/11/2025

Instrument ID: 26285

BFB Injection Time: 14:51

Analysis Batch No.: 683596

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.7
75	30.0 - 60.0 % of mass 95	49.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	90.0
175	5.0 - 9.0 % of mass 174	7.8 (8.6) 1
176	95.0 - 101.0 % of mass 174	89.0 (98.9) 1
177	5.0 - 9.0 % of mass 176	5.9 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 410-683596/3	5G11X02.D	08/11/2025	15:55
	IC 410-683596/4	5G11X03.D	08/11/2025	16:15
	IC 410-683596/5	5G11X04.D	08/11/2025	16:35
	IC 410-683596/6	5G11X05.D	08/11/2025	16:55
	IC 410-683596/7	5G11X06.D	08/11/2025	17:16
	IC 410-683596/8	5G11X07.D	08/11/2025	17:37
	IC 410-683596/12	5G11X11.D	08/11/2025	18:58
	IC 410-683596/13	5G11X12.D	08/11/2025	19:19
	IC 410-683596/14	5G11X13.D	08/11/2025	19:39
	IC 410-683596/15	5G11X14.D	08/11/2025	20:00
	ICIS 410-683596/16	5G11X15.D	08/11/2025	20:20
	IC 410-683596/17	5G11X16.D	08/11/2025	20:40
	IC 410-683596/18	5G11X17.D	08/11/2025	21:01
	ICV 410-683596/20	5G11X19.D	08/11/2025	21:42

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Lab File ID: 5C13T01.D BFB Injection Date: 10/13/2025

Instrument ID: 26285 BFB Injection Time: 09:09

Analysis Batch No.: 712926

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.8
75	30.0 - 60.0 % of mass 95	50.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.9
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	101.2
175	5.0 - 9.0 % of mass 174	8.3 (8.2) 1
176	95.0 - 101.0 % of mass 174	98.1 (96.9) 1
177	5.0 - 9.0 % of mass 176	6.5 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 410-712926/5	5C13X04.D	10/13/2025	10:22
	LCS 410-712926/6	5C13X05.D	10/13/2025	10:42
	MB 410-712926/8	5C13X07.D	10/13/2025	11:23
HD-MW-20S-0/1-0	410-244867-9	5C13X16.D	10/13/2025	14:25

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab File ID: NS22T01.D

BFB Injection Date: 09/22/2025

Instrument ID: 7159

BFB Injection Time: 14:37

Analysis Batch No.: 702728

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.3
75	30.0 - 60.0 % of mass 95	45.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.5
173	Less than 2.0 % of mass 174	0.4 (0.4) 1
174	Greater than 50% of mass 95	101.5
175	5.0 - 9.0 % of mass 174	8.0 (7.9) 1
176	95.0 - 101.0 % of mass 174	99.8 (98.3) 1
177	5.0 - 9.0 % of mass 176	6.5 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 410-702728/3	NS22X03.D	09/22/2025	15:13
	IC 410-702728/4	NS22X04.D	09/22/2025	15:33
	IC 410-702728/5	NS22X05.D	09/22/2025	15:53
	IC 410-702728/6	NS22X06.D	09/22/2025	16:12
	IC 410-702728/7	NS22X07.D	09/22/2025	16:32
	IC 410-702728/8	NS22X08.D	09/22/2025	16:52
	IC 410-702728/14	NS22X14.D	09/22/2025	18:51
	IC 410-702728/15	NS22X15.D	09/22/2025	19:10
	ICIS 410-702728/16	NS22X16.D	09/22/2025	19:30
	IC 410-702728/17	NS22X17.D	09/22/2025	19:50
	IC 410-702728/18	NS22X18.D	09/22/2025	20:10
	ICV 410-702728/20	NS22X20.D	09/22/2025	20:50
	IC 410-702728/12	NS22X22.D	09/22/2025	22:39
	IC 410-702728/13	NS22X23.D	09/22/2025	22:59

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab File ID: NC10T02.D

BFB Injection Date: 10/10/2025

Instrument ID: 7159

BFB Injection Time: 09:11

Analysis Batch No.: 711952

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.4
75	30.0 - 60.0 % of mass 95	45.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	0.3 (0.4) 1
174	Greater than 50% of mass 95	78.9
175	5.0 - 9.0 % of mass 174	5.9 (7.4) 1
176	95.0 - 101.0 % of mass 174	75.0 (95.1) 1
177	5.0 - 9.0 % of mass 176	5.0 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 410-711952/3	NC10X02.D	10/10/2025	10:03
	LCS 410-711952/5	NC10X04.D	10/10/2025	10:42
	MB 410-711952/7	NC10X06.D	10/10/2025	11:22
HD-MW-9-0/1-0	410-244867-12	NC10X08.D	10/10/2025	13:16
HD-QC2-0/1-2	410-244867-13	NC10X09.D	10/10/2025	13:36

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab File ID: YU27T01.D

BFB Injection Date: 06/27/2025

Instrument ID: 9355

BFB Injection Time: 16:09

Analysis Batch No.: 664115

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.7	
75	30.0 - 60.0 % of mass 95	45.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	79.5	
175	5.0 - 9.0 % of mass 174	6.4	(8.1) 1
176	95.0 - 101.0 % of mass 174	77.4	(97.3) 1
177	5.0 - 9.0 % of mass 176	5.1	(6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 410-664115/18	YU27X12.D	06/27/2025	16:57
	IC 410-664115/17	YU27X13.D	06/27/2025	17:20
	ICIS 410-664115/16	YU27X14.D	06/27/2025	17:42
	IC 410-664115/15	YU27X15.D	06/27/2025	18:05
	IC 410-664115/14	YU27X16.D	06/27/2025	18:27
	IC 410-664115/13	YU27X17.D	06/27/2025	18:50
	IC 410-664115/12	YU27X18.D	06/27/2025	19:12
	ICV 410-664115/20	YU27X20.D	06/27/2025	19:57

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Lab File ID: YC13T51.D BFB Injection Date: 10/13/2025

Instrument ID: 9355 BFB Injection Time: 22:34

Analysis Batch No.: 713392

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.5
75	30.0 - 60.0 % of mass 95	46.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.6
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	88.9
175	5.0 - 9.0 % of mass 174	6.6 (7.4) 1
176	95.0 - 101.0 % of mass 174	86.6 (97.5) 1
177	5.0 - 9.0 % of mass 176	5.6 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 410-713392/3	YC13X52.D	10/13/2025	23:09
	LCS 410-713392/4	YC13X53.D	10/13/2025	23:31
	LCSD 410-713392/5	YC13X54.D	10/13/2025	23:54
	MB 410-713392/7	YC13X56.D	10/14/2025	0:39
HD-MW-16S-0/1-0	410-244867-11	YC13X68.D	10/14/2025	5:09

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: ICIS 410-710355/16 Date Analyzed: 10/07/2025 18:35

Instrument ID: 15830 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): FC07X56.D Heated Purge: (Y/N) N

Calibration ID: 77382

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		2093728	4.28	2616813	7.76	1575591	11.24
UPPER LIMIT		4187456	4.78	5233626	8.26	3151182	11.74
LOWER LIMIT		1046864	3.78	1308407	7.26	787796	10.74
LAB SAMPLE ID		CLIENT SAMPLE ID					
ICV 410-710355/20		2069813	4.32	2613195	7.76	1784864	11.24
CCVIS 410-712734/3		2396196	4.27	2639358	7.76	1710391	11.24

TBAd10 = t-Butyl alcohol-d10 (IS)

FB = Fluorobenzene (IS)

CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC
SDG No.:
Sample No.: ICIS 410-710355/16 Date Analyzed: 10/07/2025 18:35
Instrument ID: 15830 GC Column: R-624SilMS 30m ID: 0.25 (mm)
Lab File ID (Standard): FC07X56.D Heated Purge: (Y/N) N
Calibration ID: 77382

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		897696	13.13				
UPPER LIMIT		1795392	13.63				
LOWER LIMIT		448848	12.63				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-710355/20		995436	13.13				
CCVIS 410-712734/3		957401	13.13				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
 Environment Testing, LLC

SDG No.:

Sample No.: CCVIS 410-712734/3 Date Analyzed: 10/12/2025 21:33

Instrument ID: 15830 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): FC12X54.D Heated Purge: (Y/N) N

Calibration ID: 77382

	TBAd10		FB		CBZd5	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	2396196	4.27	2639358	7.76	1710391	11.24
UPPER LIMIT	4792392	4.77	5278716	8.26	3420782	11.74
LOWER LIMIT	1198098	3.77	1319679	7.26	855196	10.74
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 410-712734/4		2657703	4.30	2623941	7.75	1699649 11.24
MB 410-712734/6		2614266	4.29	2332482	7.76	1523112 11.24
410-244867-6	HD-QC2-0/1-4	2462378	4.31	2143443	7.76	1457188 11.24
410-244867-5	HD-QC2-0/1-3	1976660	4.29	2142760	7.76	1450663 11.24
410-244867-1	HD-CW-1A-0/1-0	1998005	4.27	2162187	7.76	1444914 11.24
410-244867-3	HD-QC2-0/1-1	1919696	4.29	2172743	7.76	1476358 11.24
410-244867-4	HD-MW67D-0/1-0	2376948	4.30	2205037	7.76	1482639 11.24
410-244867-7	HD-MW-12-0/1-0	2392237	4.31	2120622	7.76	1400006 11.24
410-244867-8	HD-MW-18S-0/1-0	1873679	4.31	2074846	7.76	1427521 11.24
410-244867-10	HD-CW-2-0/1-0	1850526	4.29	2092204	7.76	1446591 11.24
410-244867-2	HD-MW-67S-0/1-0	1815994	4.31	2089703	7.77	1430118 11.24
410-244867-2 MS	HD-MW-67S-0/1-0 MS MS	1912847	4.29	2496399	7.76	1624186 11.24
410-244867-2 MSD	HD-MW-67S-0/1-0 MSD MSD	1997863	4.29	2550662	7.76	1686259 11.24

TBAd10 = t-Butyl alcohol-d10 (IS)
 FB = Fluorobenzene (IS)
 CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Sample No.: CCVIS 410-712734/3 Date Analyzed: 10/12/2025 21:33

Instrument ID: 15830 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): FC12X54.D Heated Purge: (Y/N) N

Calibration ID: 77382

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		957401	13.13				
UPPER LIMIT		1914802	13.63				
LOWER LIMIT		478701	12.63				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-712734/4		964846	13.13				
MB 410-712734/6		829763	13.13				
410-244867-6	HD-QC2-0/1-4	782658	13.13				
410-244867-5	HD-QC2-0/1-3	803734	13.13				
410-244867-1	HD-CW-1A-0/1-0	796925	13.13				
410-244867-3	HD-QC2-0/1-1	803687	13.13				
410-244867-4	HD-MW67D-0/1-0	800692	13.13				
410-244867-7	HD-MW-12-0/1-0	750680	13.13				
410-244867-8	HD-MW-18S-0/1-0	774358	13.13				
410-244867-10	HD-CW-2-0/1-0	787442	13.13				
410-244867-2	HD-MW-67S-0/1-0	773025	13.13				
410-244867-2 MS	HD-MW-67S-0/1-0 MS MS	950066	13.13				
410-244867-2 MSD	HD-MW-67S-0/1-0 MSD MSD	962966	13.13				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: ICIS 410-683596/16 Date Analyzed: 08/11/2025 20:20

Instrument ID: 26285 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): 5G11X15.D Heated Purge: (Y/N) N

Calibration ID: 75615

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		357311	3.44	1071785	6.88	790651	10.66
UPPER LIMIT		714622	3.94	2143570	7.38	1581302	11.16
LOWER LIMIT		178656	2.94	535893	6.38	395326	10.16
LAB SAMPLE ID		CLIENT SAMPLE ID					
ICV 410-683596/20		371484	3.43	1049662	6.88	770869	10.66
CCVIS 410-712926/5		378408	3.44	1188289	6.91	838703	10.62

TBAd10 = t-Butyl alcohol-d10 (IS)

FB = Fluorobenzene (IS)

CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC
SDG No.:
Sample No.: ICIS 410-683596/16 Date Analyzed: 08/11/2025 20:20
Instrument ID: 26285 GC Column: R-624SilMS 30m ID: 0.25 (mm)
Lab File ID (Standard): 5G11X15.D Heated Purge: (Y/N) N
Calibration ID: 75615

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		444991	12.66				
UPPER LIMIT		889982	13.16				
LOWER LIMIT		222496	12.16				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-683596/20		443425	12.66				
CCVIS 410-712926/5		520658	12.58				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: CCVIS 410-712926/5 Date Analyzed: 10/13/2025 10:22

Instrument ID: 26285 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): 5C13X04.D Heated Purge: (Y/N) N

Calibration ID: 75615

		TBAd10		FB		CBZd5		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		378408	3.44	1188289	6.91	838703	10.62	
UPPER LIMIT		756816	3.94	2376578	7.41	1677406	11.12	
LOWER LIMIT		189204	2.94	594145	6.41	419352	10.12	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 410-712926/6		405163	3.48	1249724	6.91	851176	10.62	
MB 410-712926/8		363982	3.45	1086982	6.90	710356	10.61	
410-244867-9		HD-MW-20S-0/1-0	319395	3.47	1004017	6.91	682151	10.62

TBAd10 = t-Butyl alcohol-d10 (IS)

FB = Fluorobenzene (IS)

CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC
SDG No.:
Sample No.: CCVIS 410-712926/5 Date Analyzed: 10/13/2025 10:22
Instrument ID: 26285 GC Column: R-624SilMS 30m ID: 0.25 (mm)
Lab File ID (Standard): 5C13X04.D Heated Purge: (Y/N) N
Calibration ID: 75615

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		520658	12.58				
UPPER LIMIT		1041316	13.08				
LOWER LIMIT		260329	12.08				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-712926/6		532662	12.58				
MB 410-712926/8		442397	12.58				
410-244867-9	HD-MW-20S-0/1-0	435335	12.58				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: ICIS 410-702728/16 Date Analyzed: 09/22/2025 19:30

Instrument ID: 7159 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): NS22X16.D Heated Purge: (Y/N) N

Calibration ID: 76951

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		311876	4.53	1071830	8.00	885200	11.35
UPPER LIMIT		623752	5.03	2143660	8.50	1770400	11.85
LOWER LIMIT		155938	4.03	535915	7.50	442600	10.85
LAB SAMPLE ID		CLIENT SAMPLE ID					
ICV 410-702728/20		339065	4.52	1037385	8.00	829383	11.35
CCVIS 410-711952/3		391691	4.54	1292760	7.99	895441	11.35

TBAd10 = t-Butyl alcohol-d10 (IS)

FB = Fluorobenzene (IS)

CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC
SDG No.:
Sample No.: ICIS 410-702728/16 Date Analyzed: 09/22/2025 19:30
Instrument ID: 7159 GC Column: R-624SilMS 30m ID: 0.25 (mm)
Lab File ID (Standard): NS22X16.D Heated Purge: (Y/N) N
Calibration ID: 76951

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		518690	13.19				
UPPER LIMIT		1037380	13.69				
LOWER LIMIT		259345	12.69				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-702728/20		514532	13.19				
CCVIS 410-711952/3		485435	13.20				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: CCVIS 410-711952/3 Date Analyzed: 10/10/2025 10:03

Instrument ID: 7159 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): NC10X02.D Heated Purge: (Y/N) N

Calibration ID: 76951

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		391691	4.54	1292760	7.99	895441	11.35
UPPER LIMIT		783382	5.04	2585520	8.49	1790882	11.85
LOWER LIMIT		195846	4.04	646380	7.49	447721	10.85
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 410-711952/5		404930	4.53	1299795	8.00	891012	11.36
MB 410-711952/7		376748	4.57	1214049	7.99	822965	11.36
410-244867-12		HD-MW-9-0/1-0	372884	4.51	1182908	7.98	827548
410-244867-13		HD-QC2-0/1-2	367620	4.49	1215496	7.99	825003

TBAd10 = t-Butyl alcohol-d10 (IS)

FB = Fluorobenzene (IS)

CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Job No.: 410-244867-1

Sample No.: CCVIS 410-711952/3

Date Analyzed: 10/10/2025 10:03

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration ID: 76951

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		485435	13.20				
UPPER LIMIT		970870	13.70				
LOWER LIMIT		242718	12.70				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-711952/5		484393	13.20				
MB 410-711952/7		458632	13.20				
410-244867-12	HD-MW-9-0/1-0	459387	13.19				
410-244867-13	HD-QC2-0/1-2	460123	13.20				

Area Limit = 50%-200% of internal standard area
RT Limit = $\pm$ 0.5 minutes of internal standard RT

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: ICIS 410-664115/16 Date Analyzed: 06/27/2025 17:42

Instrument ID: 9355 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): YU27X14.D Heated Purge: (Y/N) N

Calibration ID: 74168

		TBA _d 10		FB		CBZ _d 5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		588645	3.82	1189958	7.34	912989	10.93
UPPER LIMIT		1177290	4.32	2379916	7.84	1825978	11.43
LOWER LIMIT		294323	3.32	594979	6.84	456495	10.43
LAB SAMPLE ID		CLIENT SAMPLE ID					
CCVIS 410-713392/3		547240	3.81	1333474	7.34	1029126	10.93

TBA_d10 = t-Butyl alcohol-d₁₀ (IS)

FB = Fluorobenzene (IS)

CBZ_d5 = Chlorobenzene-d₅ (IS)

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC
SDG No.:
Sample No.: ICIS 410-664115/16 Date Analyzed: 06/27/2025 17:42
Instrument ID: 9355 GC Column: R-624SilMS 30m ID: 0.25 (mm)
Lab File ID (Standard): YU27X14.D Heated Purge: (Y/N) N
Calibration ID: 74168

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		528069	12.86				
UPPER LIMIT		1056138	13.36				
LOWER LIMIT		264035	12.36				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCVIS 410-713392/3		698807	12.86				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: CCVIS 410-713392/3 Date Analyzed: 10/13/2025 23:09

Instrument ID: 9355 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): YC13X52.D Heated Purge: (Y/N) N

Calibration ID: 74168

	TBAd10		FB		CBZd5	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	547240	3.81	1333474	7.34	1029126	10.93
UPPER LIMIT	1094480	4.31	2666948	7.84	2058252	11.43
LOWER LIMIT	273620	3.31	666737	6.84	514563	10.43
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 410-713392/4		556987	3.82	1333500	7.34	967322 10.93
LCSD 410-713392/5		574101	3.80	1355212	7.34	1004530 10.93
MB 410-713392/7		511704	3.80	1222164	7.33	893690 10.93
410-244867-11	HD-MW-16S-0/1-0	467808	3.81	1134031	7.34	858638 10.93

TBAd10 = t-Butyl alcohol-d10 (IS)

FB = Fluorobenzene (IS)

CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
 Environment Testing, LLC

SDG No.:

Sample No.: CCVIS 410-713392/3 Date Analyzed: 10/13/2025 23:09

Instrument ID: 9355 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): YC13X52.D Heated Purge: (Y/N) N

Calibration ID: 74168

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		698807	12.86				
UPPER LIMIT		1397614	13.36				
LOWER LIMIT		349404	12.36				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-713392/4		663625	12.86				
LCSD 410-713392/5		683234	12.86				
MB 410-713392/7		599350	12.86				
410-244867-11	HD-MW-16S-0/1-0	579188	12.86				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID: HD-CW-1A-0/1-0

Lab Sample ID: 410-244867-1

Matrix: Water

Lab File ID: FC12X61.D

Analysis Method: 8260D

Date Collected: 09/30/2025 11:50

Sample wt/vol: 5 (mL)

Date Analyzed: 10/13/2025 00:12

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712734

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND	^c cn	10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50
67-64-1	Acetone	ND	^c cn	20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	1.9		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-CW-1A-0/1-0 Lab Sample ID: 410-244867-1

Matrix: Water Lab File ID: FC12X61.D

Analysis Method: 8260D Date Collected: 09/30/2025 11:50

Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2025 00:12

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 712734 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	26		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		80-120
460-00-4	4-Bromofluorobenzene (Surr)	90		80-120
1868-53-7	Dibromofluoromethane (Surr)	117		80-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X61.D
 Lims ID: 410-244867-A-1
 Client ID: HD-CW-1A-0/1-0
 Sample Type: Client
 Inject. Date: 13-Oct-2025 00:12:28 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162872-010
 Operator ID: AGD105956 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 13-Oct-2025 14:10:56 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 14:16:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.129				ND	7
5 Vinyl chloride	62		2.242				ND	7
8 Bromomethane	94		2.589				ND	7
9 Chloroethane	64		2.676				ND	7
17 1,1-Dichloroethene	96		3.554				ND	7
19 Acetone	58	3.579	3.595	-0.016	56	2245	0.4948	
23 Carbon disulfide	76		3.862				ND	7
26 Methylene Chloride	84		4.239				ND	7
* 27 t-Butyl alcohol-d10 (IS)	65	4.271	4.274	-0.003	96	1998005	250.0	
32 trans-1,2-Dichloroethene	96		4.640				ND	7
33 Methyl tert-butyl ether	73		4.650				ND	7
35 1,1-Dichloroethane	63		5.316				ND	7
41 2-Butanone (MEK)	43		6.148				ND	7
42 cis-1,2-Dichloroethene	96		6.165				ND	7
46 Chlorobromomethane	128		6.492				ND	
48 Chloroform	83		6.650				ND	7
\$ 49 Dibromofluoromethane (Surr)	113	6.862	6.862	0.000	93	682883	58.6	
50 1,1,1-Trichloroethane	97		6.875				ND	
53 Carbon tetrachloride	117		7.084				ND	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.322	7.328	-0.006	98	167299	55.0	
58 Benzene	78		7.354				ND	7
59 1,2-Dichloroethane	62		7.425				ND	7
* 61 Fluorobenzene (IS)	96	7.763	7.759	0.004	99	2162187	50.0	
64 Trichloroethene	95	8.238	8.238	0.000	98	275836	25.5	
66 1,2-Dichloropropane	63		8.576				ND	7
72 Dichlorobromomethane	83		8.930				ND	7
76 cis-1,3-Dichloropropene	75		9.473				ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.660				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.782	9.779	0.003	95	1987501	48.6	
80 Toluene	92		9.859				ND	7
105 trans-1,3-Dichloropropene	75		10.116				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 1,1,2-Trichloroethane	97		10.322				ND	7
108 Tetrachloroethene	166	10.402	10.402	0.000	93	19782	1.90	
110 2-Hexanone	43		10.544				ND	7
111 Chlorodibromomethane	129		10.695				ND	
112 Ethylene Dibromide	107		10.804				ND	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	88	1444914	50.0	
S 116 Xylenes, Total	106		11.245				ND	7
115 Chlorobenzene	112		11.264				ND	7
117 1,1,1,2-Tetrachloroethane	131		11.348				ND	7
118 Ethylbenzene	91		11.351				ND	7
119 m-Xylene & p-Xylene	106		11.467				ND	
120 o-Xylene	106		11.798				ND	7
121 Styrene	104		11.811				ND	
122 Bromoform	173		11.965				ND	7
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	88	667127	45.2	
127 1,1,2,2-Tetrachloroethane	83		12.348				ND	7
* 140 1,4-Dichlorobenzene-d4	152	13.126	13.126	0.000	96	796925	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 13-Oct-2025 14:16:15

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X61.D

Injection Date: 13-Oct-2025 00:12:28

Instrument ID: 15830

Operator ID: AGD105956

Lims ID: 410-244867-A-1

Lab Sample ID: 410-244867-1

Worklist Smp#: 10

Client ID: HD-CW-1A-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

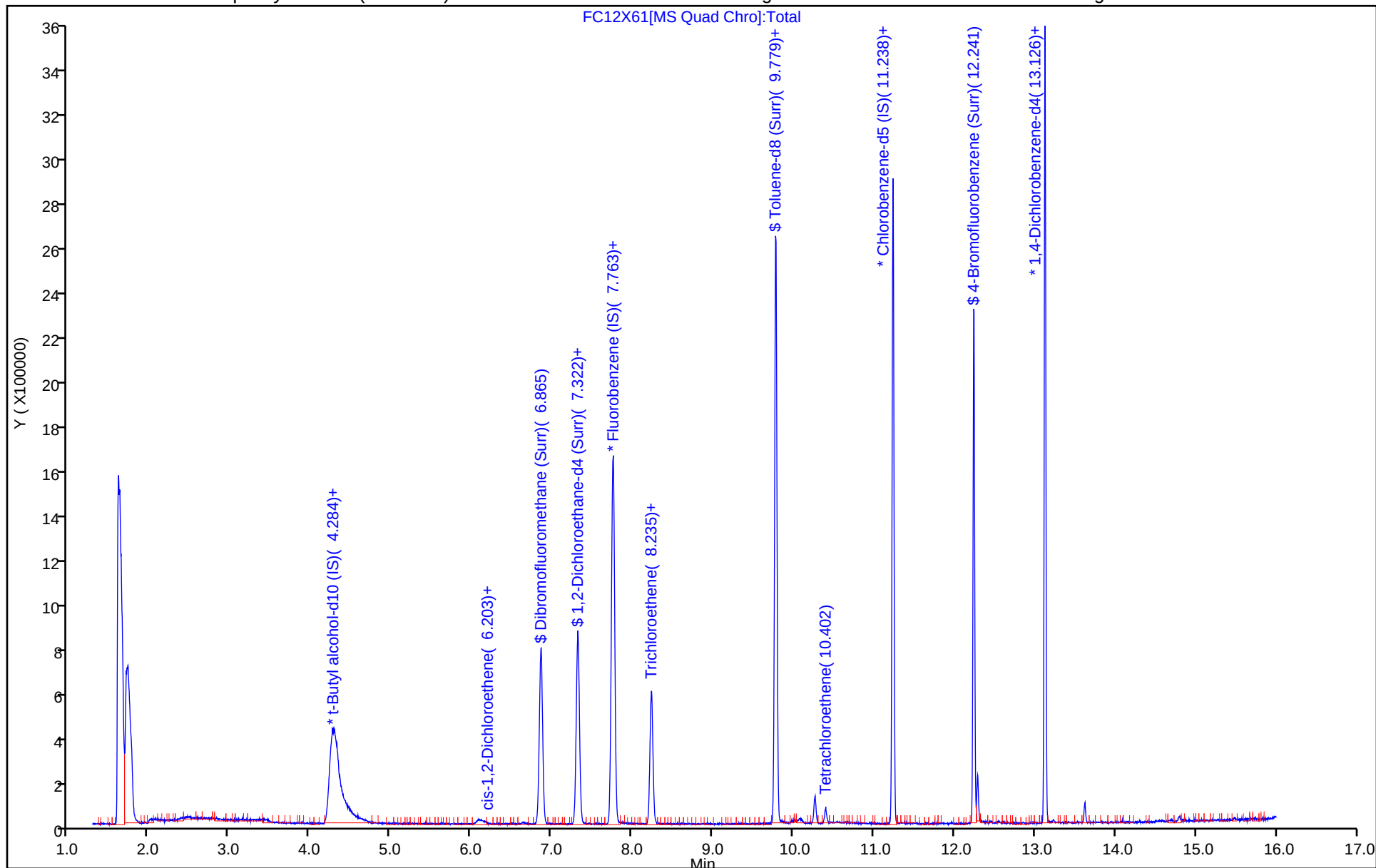
ALS Bottle#: 9

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X61.D
Lims ID: 410-244867-A-1
Client ID: HD-CW-1A-0/1-0
Sample Type: Client
Inject. Date: 13-Oct-2025 00:12:28 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162872-010
Operator ID: AGD105956 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 13-Oct-2025 14:10:56 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 14:16:14

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	58.6	117.21
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	55.0	110.00
\$ 79 Toluene-d8 (Surr)	50.0	48.6	97.12
\$ 126 4-Bromofluorobenzene (Surr)	50.0	45.2	90.33

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X61.D

Injection Date: 13-Oct-2025 00:12:28

Instrument ID: 15830

Lims ID: 410-244867-A-1

Lab Sample ID: 410-244867-1

Client ID: HD-CW-1A-0/1-0

Operator ID: AGD105956

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

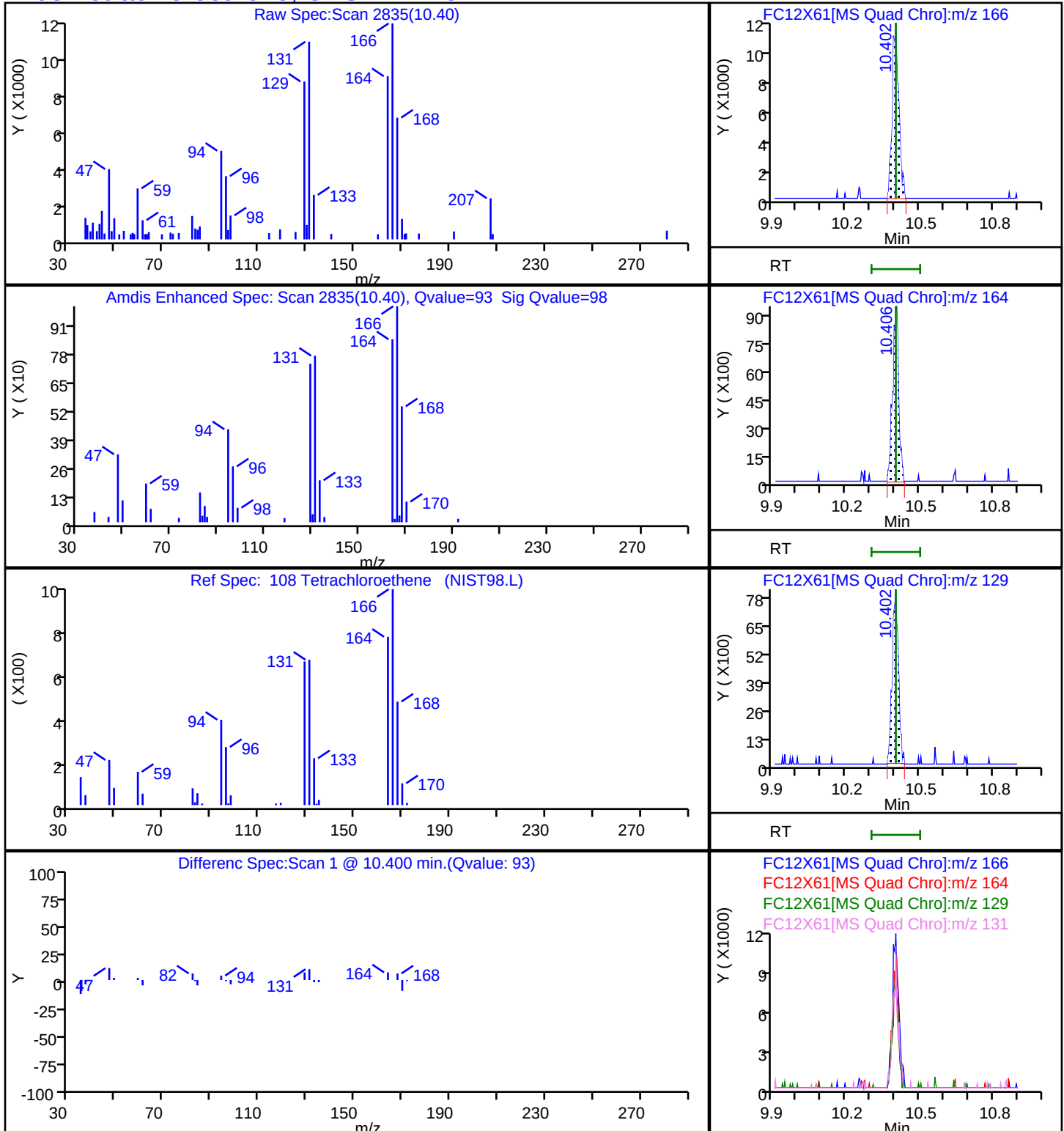
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

108 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X61.D

Injection Date: 13-Oct-2025 00:12:28

Instrument ID: 15830

Lims ID: 410-244867-A-1

Lab Sample ID: 410-244867-1

Client ID: HD-CW-1A-0/1-0

Operator ID: AGD105956

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

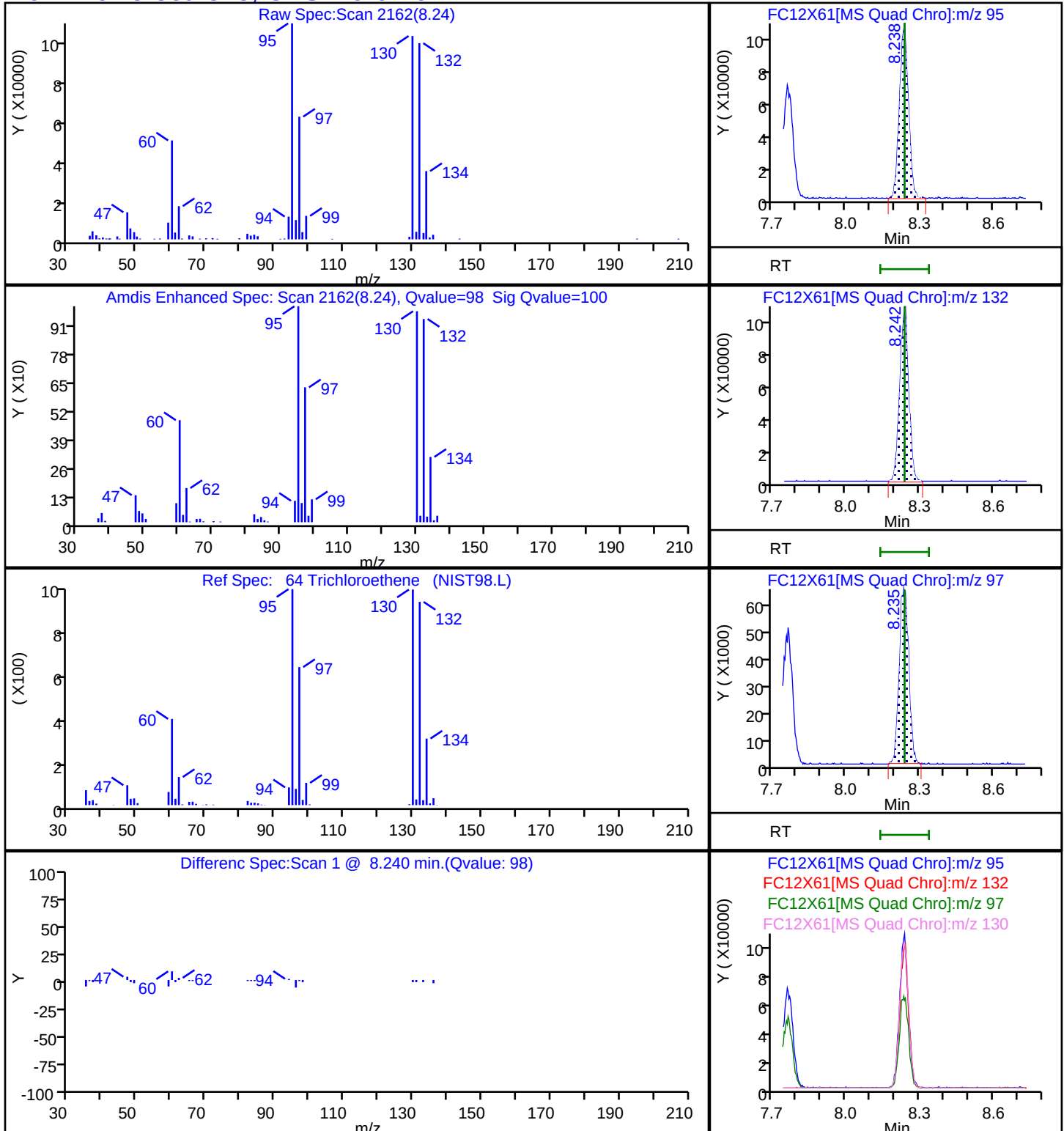
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

64 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID: HD-MW-67S-0/1-0

Lab Sample ID: 410-244867-2

Matrix: Water

Lab File ID: FC12X69.D

Analysis Method: 8260D

Date Collected: 09/30/2025 13:35

Sample wt/vol: 5 (mL)

Date Analyzed: 10/13/2025 03:13

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712734

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	5.9		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	1.5		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND	^c cn	10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50
67-64-1	Acetone	ND	^c cn	20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	1.2		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	0.51	J	1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	1.7		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-67S-0/1-0 Lab Sample ID: 410-244867-2

Matrix: Water Lab File ID: FC12X69.D

Analysis Method: 8260D Date Collected: 09/30/2025 13:35

Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2025 03:13

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 712734 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	1.6		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		80-120
460-00-4	4-Bromofluorobenzene (Surr)	88		80-120
1868-53-7	Dibromofluoromethane (Surr)	120		80-120
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X69.D
 Lims ID: 410-244867-A-2
 Client ID: HD-MW-67S-0/1-0
 Sample Type: Client
 Inject. Date: 13-Oct-2025 03:13:32 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162872-018
 Operator ID: AGD105956 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 13-Oct-2025 14:19:04 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1602

First Level Reviewer: UCB5

Date: 13-Oct-2025 13:51:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.907				ND	
3 Dichlorodifluoromethane	85		1.936				ND	
124 Chlorodifluoromethane	51	2.007	1.962	0.045	35	424	0.0101	
4 Chloromethane	50		2.129				ND	7
5 Vinyl chloride	62		2.242				ND	
6 Butadiene	39	2.258	2.261	-0.003	16	1796	0.0597	
8 Bromomethane	94		2.589				ND	7
9 Chloroethane	64		2.676				ND	7
10 Dichlorofluoromethane	67	2.923	2.923	0.000	1	254	0.007476	
11 Trichlorofluoromethane	101		2.985				ND	
12 Pentane	43		3.017				ND	7
2 Ethanol	45	3.123	3.129	-0.006	32	666	1.28	
14 Ethyl ether	59		3.242				ND	
15 1,2-Dichloro-1,1,2-trifluoroethane	67	3.290	3.341	-0.051	1	615	0.0332	
16 Acrolein	56		3.415				ND	7
17 1,1-Dichloroethene	96	3.557	3.554	0.003	89	20738	1.50	
18 1,1,2-Trichloro-1,2,2-trifluoroethene	101		3.579				ND	7
19 Acetone	58		3.595				ND	7
21 Iodomethane	142		3.766				ND	
22 Isopropyl alcohol	45		3.798				ND	7
23 Carbon disulfide	76		3.862				ND	7
7 Acetonitrile	41	4.090	4.007	0.083	52	453	0.0876	
24 Methyl acetate	43		4.020				ND	7
25 3-Chloro-1-propene	41		4.033				ND	7
26 Methylene Chloride	84		4.239				ND	7
* 27 t-Butyl alcohol-d10 (IS)	65	4.309	4.274	0.035	95	1815994	250.0	
28 2-Methyl-2-propanol	59		4.415				ND	7
31 Acrylonitrile	53		4.589				ND	7
32 trans-1,2-Dichloroethene	96		4.640				ND	7
33 Methyl tert-butyl ether	73		4.650				ND	7
34 Hexane	57		5.075				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63		5.316				ND	7
13 Vinyl acetate	43	5.354	5.341	0.013	13	206	0.007479	
36 Isopropyl ether	45		5.390				ND	7
37 2-Chloro-1,3-butadiene	53		5.425				ND	7
39 Tert-butyl ethyl ether	59		5.927				ND	7
41 2-Butanone (MEK)	43		6.148				ND	7
S 40 1,2-Dichloroethene, Total	100				0		0.5128	
42 cis-1,2-Dichloroethene	96	6.158	6.165	-0.007	50	7027	0.5128	M
43 2,2-Dichloropropane	77		6.177				ND	7
20 Ethyl acetate	43	6.219	6.219	0.000	14	289	0.0160	
44 Propionitrile	54		6.248				ND	7
45 Methacrylonitrile	67		6.457				ND	7
46 Chlorobromomethane	128		6.492				ND	
47 Tetrahydrofuran	71		6.512				ND	
48 Chloroform	83	6.653	6.650	0.003	78	23138	1.15	
\$ 49 Dibromofluoromethane (Surr)	113	6.869	6.862	0.006	93	674712	59.9	
50 1,1,1-Trichloroethane	97	6.878	6.875	0.003	95	101816	5.92	
51 Cyclohexane	56		6.968				ND	7
52 1,1-Dichloropropene	75		7.084				ND	7
53 Carbon tetrachloride	117		7.084				ND	7
56 Isobutyl alcohol	41		7.271				ND	7
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.322	7.328	-0.006	98	165761	56.4	
58 Benzene	78		7.354				ND	7
59 1,2-Dichloroethane	62		7.425				ND	7
30 Isopropyl acetate	43	7.444	7.457	-0.013	1	158	0.005243	
60 Tert-amyl methyl ether	73		7.547				ND	7
* 61 Fluorobenzene (IS)	96	7.766	7.759	0.007	99	2089703	50.0	
62 n-Heptane	43		7.772				ND	7
63 n-Butanol	56		8.152				ND	7
64 Trichloroethene	95	8.229	8.238	-0.009	96	16611	1.59	
65 Methylcyclohexane	83		8.553				ND	7
66 1,2-Dichloropropane	63		8.576				ND	7
67 2-ethoxy-2-methyl butane	87		8.589				ND	
68 Methyl methacrylate	69		8.669				ND	7
70 1,4-Dioxane	88		8.676				ND	
69 Dibromomethane	93		8.689				ND	7
38 n-Propyl acetate	61	8.788	8.756	0.032	29	133	0.0213	
72 Dichlorobromomethane	83		8.930				ND	7
73 2-Nitropropane	41		9.213				ND	7
74 2-Chloroethyl vinyl ether	63		9.293				ND	7
76 cis-1,3-Dichloropropene	75		9.473				ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.660				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.782	9.779	0.003	95	1893791	46.7	
80 Toluene	92		9.859				ND	7
T 93 1-Chlorobutane TIC	56		10.000				ND	7
T 95 tert-amyl alcohol TIC	59		10.000				ND	7
T 87 Propane TIC	43		10.000				ND	7
T 82 Tetranitromethane TIC	46		10.000				ND	7
T 101 n-Butyl acrylate TIC	55		10.000				ND	7
T 81 Vinyl acetate (TIC)	43		10.000				ND	7
T 102 1-Bromo-2-chloroethane TIC	63		10.000				ND	7
T 88 Ethyl Acetate TIC	43		10.000				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
T 96 Ethyl acrylate TIC	55		10.000				ND	7
T 94 Chloroacetaldehyde TIC	50		10.000				ND	7
T 99 2,3-Dichloro-1,3-butadiene TIC	51		10.000				ND	7
T 84 Hexachloroethane TIC	117		10.000				ND	7
T 92 Propene oxide TIC	58		10.000				ND	7
T 103 Isooctane TIC	57		10.000				ND	7
T 91 1,3-Dichlorobutene-2(total) TIC	89		10.000				ND	7
T 98 Propionaldehyde TIC	58		10.000				ND	7
T 89 Diethoxymethane TIC	59		10.000				ND	7
T 97 2,3,4-Trichlorobutene TIC	109		10.000				ND	7
T 85 Methyl Isothiocyanate TIC	73	9.788	10.000	-0.212	28	613	0.0147	7
T 90 Bromoethane TIC	108		10.000				ND	7
T 100 Ethylene oxide TIC	43		10.000				ND	7
86 Methyl Isocyanate TIC	73	9.788	10.000	-0.212	21	613	0.0147	
T 83 Propanol TIC	59		10.000				ND	7
S 104 1,3-Dichloropropene, Total	100		10.060				ND	7
105 trans-1,3-Dichloropropene	75		10.116				ND	7
106 Ethyl methacrylate	69		10.180				ND	7
107 1,1,2-Trichloroethane	97		10.322				ND	7
108 Tetrachloroethene	166	10.399	10.402	-0.003	93	17235	1.67	
109 1,3-Dichloropropane	76		10.483				ND	7
54 3,4-Dichloro-1-butene	75	10.492	10.521	-0.029	1	124	0.0145	
110 2-Hexanone	43		10.544				ND	7
55 n-Butyl acetate	43	10.663	10.659	0.004	19	146	0.006648	
111 Chlorodibromomethane	129		10.695				ND	7
112 Ethylene Dibromide	107		10.804				ND	7
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	88	1430118	50.0	
S 116 Xylenes, Total	106		11.245				ND	7
114 1-Chlorohexane	91	11.241	11.248	-0.007	35	3089	0.2729	
115 Chlorobenzene	112		11.264				ND	7
117 1,1,1,2-Tetrachloroethane	131		11.348				ND	
118 Ethylbenzene	91		11.351				ND	
119 m-Xylene & p-Xylene	106		11.467				ND	7
120 o-Xylene	106		11.798				ND	7
121 Styrene	104		11.811				ND	
122 Bromoform	173		11.965				ND	7
123 Isopropylbenzene	105		12.100				ND	
71 cis-1,4-Dichloro-2-butene	88	12.209	12.148	0.061	1	64	0.0143	
125 Cyclohexanone	55		12.209				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	12.245	12.241	0.003	89	643002	44.0	
127 1,1,2,2-Tetrachloroethane	83		12.348				ND	7
128 Bromobenzene	156		12.357				ND	7
129 trans-1,4-Dichloro-2-butene	53		12.373				ND	U
130 1,2,3-Trichloropropane	110		12.393				ND	
131 N-Propylbenzene	91		12.428				ND	7
132 2-Chlorotoluene	126		12.505				ND	
133 1,3,5-Trimethylbenzene	105		12.566				ND	7
134 4-Chlorotoluene	126		12.598				ND	7
75 2,3,4-Trichlorobutene	109		12.621				ND	
135 tert-Butylbenzene	134		12.811				ND	
77 Pentachloroethane	167		12.839				ND	
136 1,2,4-Trimethylbenzene	105		12.852				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
137 sec-Butylbenzene	105		12.975				ND	
138 1,3-Dichlorobenzene	146		13.071				ND	7
139 4-Isopropyltoluene	119		13.081				ND	7
* 140 1,4-Dichlorobenzene-d4	152	13.125	13.126	-0.001	97	773025	50.0	
141 1,4-Dichlorobenzene	146		13.145				ND	7
142 1,2,3-Trimethylbenzene	105		13.158				ND	7
143 Benzyl chloride	91		13.222				ND	7
144 1,3-Diethylbenzene	119		13.283				ND	7
145 p-Diethylbenzene	119		13.354				ND	7
146 n-Butylbenzene	92		13.373				ND	7
147 1,2-Dichlorobenzene	146		13.409				ND	
148 o-diethylbenzene	119		13.428				ND	
149 1,2-Dibromo-3-Chloropropane	75		13.952				ND	7
150 1,3,5-Trichlorobenzene	180		14.077				ND	7
151 1,2,4-Trichlorobenzene	180		14.502				ND	7
152 Hexachlorobutadiene	225		14.585				ND	
153 Naphthalene	128		14.688				ND	7
154 1,2,3-Trichlorobenzene	180		14.833				ND	7
155 2-Methylnaphthalene	142		15.479				ND	U
S 156 Total Diethylbenzene	1		0.000				ND	7
157 Decamethylcyclopentasiloxane TIC			0.000				ND	
158 Dimethyl Sulfide TIC	1		0.000				ND	
159 2,2-Dimethylpropane TIC	1		0.000				ND	
160 2-Methylhexane TIC	1		0.000				ND	
161 tert-Butyl Formate	1		0.000				ND	
162 3-Pentanone TIC	1		0.000				ND	
163 1-Methylnaphthalene (TIC)	1		0.000				ND	
164 3-Methylpentane TIC	1		0.000				ND	
165 Cyclopentane TIC	1		0.000				ND	
166 Styrene oxide TIC	1		0.000				ND	
167 Dimethylformamide TIC	1		0.000				ND	
168 2,3-Dimethylbutane TIC	1		0.000				ND	
169 2,2-Dimethylbutane TIC	1		0.000				ND	
170 2-ethoxy-2-methyl butane TIC	1		0.000				ND	
171 d-Limonene	1		0.000				ND	
172 Aziridine TIC	1		0.000				ND	
173 Diazomethane TIC	1		0.000				ND	
174 Trichloroethene TIC	1		0.000				ND	
175 Methyl mercaptan TIC	1		0.000				ND	
176 Tetrachloroethene TIC	1		0.000				ND	
177 1,2-Propyleneimine TIC	1		0.000				ND	
178 1,2 Epoxybutane TIC	1		0.000				ND	
179 4-Hydroxy-4-methyl-2-pentanone TIC	1		0.000				ND	
180 Chloromethyl methyl ether TIC	1		0.000				ND	
181 Carbonyl sulfide TIC	1		0.000				ND	
182 3-chloro-1-Butene TIC	1		0.000				ND	
183 Ethyl acrylate	55		0.000				ND	
184 3-Methyl-1-butene	1		0.000				ND	
185 Propanol	1		0.000				ND	
186 Isobutyl acetate	43		0.000				ND	
187 4-Ethyltoluene	1		0.000				ND	
188 sec-Butyl Alcohol	45		0.000				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
189 3-Methylhexane TIC	1		0.000				ND	
190 Phosgene TIC	1		0.000				ND	
191 Gasoline (Unleaded)	1		0.000				ND	
192 C7-C12	1		0.000				ND	
193 1,1-Dichloro-1-fluoroethane TIC	1		0.000				ND	
194 Dimethyl Sulfide	1		0.000				ND	
195 1-Methylnaphthalene	142		0.000				ND	
\$ 196 trans-1,2,3-Trichlorobutene-2 TIC	1		0.000				ND	
197 sec-Butyl Alcohol TIC	1		0.000				ND	
198 2-Ethylhexyl acrylate	55		0.000				ND	
S 199 Total BTEX	1		0.000				ND	7
200 Methyl acrylate	55		0.000				ND	
201 1,1,2,2-Tetrachloro-1,2-difluoro	1		0.000				ND	
202 2-Butoxyethyl acetate	1		0.000				ND	
203 1,1,1,2-Tetrafluoroethane TIC	1		0.000				ND	
204 bis(2-chloromethyl)ether TIC	1		0.000				ND	
205 Methylcyclopentane TIC	1		0.000				ND	
206 n-Butyl acrylate	55		0.000				ND	
207 Vinyl chloride TIC	1		0.000				ND	
T 208 Chlorodifluoromethane TIC	51	9.920	10.000	-0.080	0	320	0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X69.D

Injection Date: 13-Oct-2025 03:13:32

Instrument ID: 15830

Operator ID: AGD105956

Lims ID: 410-244867-A-2

Lab Sample ID: 410-244867-2

Worklist Smp#: 18

Client ID: HD-MW-67S-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

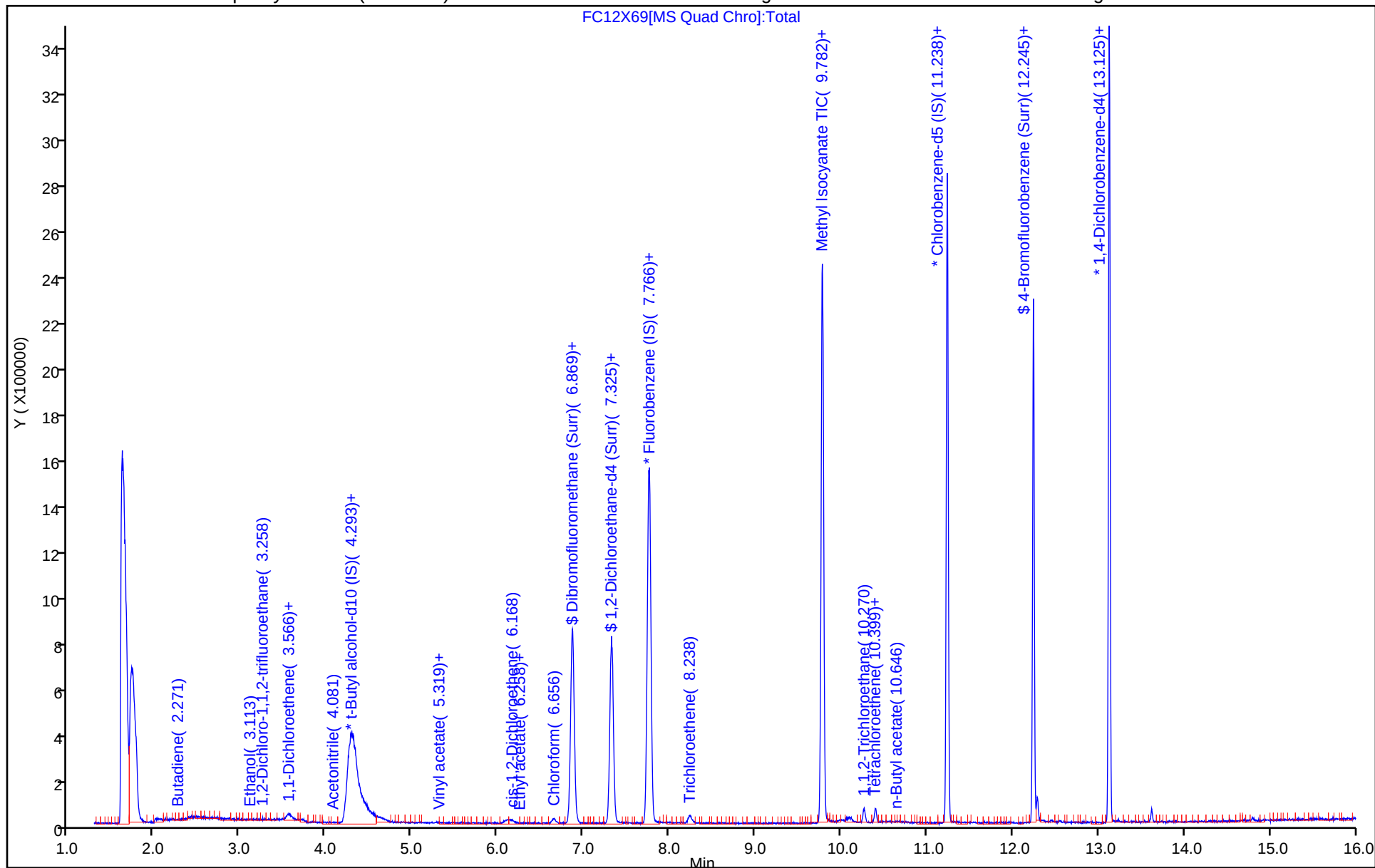
ALS Bottle#: 17

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X69.D
Lims ID: 410-244867-A-2
Client ID: HD-MW-67S-0/1-0
Sample Type: Client
Inject. Date: 13-Oct-2025 03:13:32 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162872-018
Operator ID: AGD105956 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 13-Oct-2025 14:19:04 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1602

First Level Reviewer: UCB5

Date: 13-Oct-2025 13:51:26

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	59.9	119.82
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	56.4	112.77
\$ 79 Toluene-d8 (Surr)	50.0	46.7	93.50
\$ 126 4-Bromofluorobenzene (Surr)	50.0	44.0	87.96

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X69.D

Injection Date: 13-Oct-2025 03:13:32

Instrument ID: 15830

Lims ID: 410-244867-A-2

Lab Sample ID: 410-244867-2

Client ID: HD-MW-67S-0/1-0

Operator ID: AGD105956

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 5.000 mL

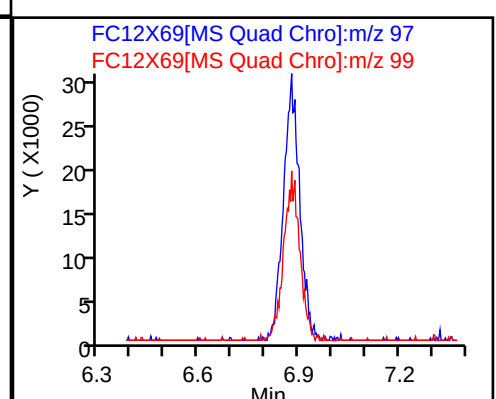
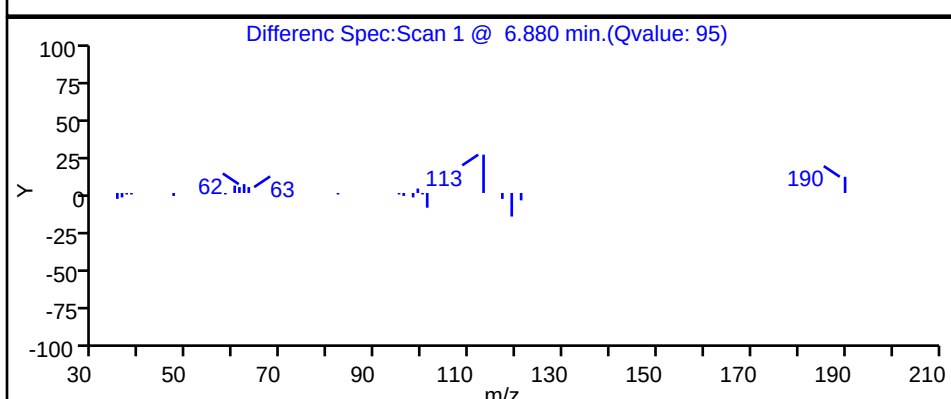
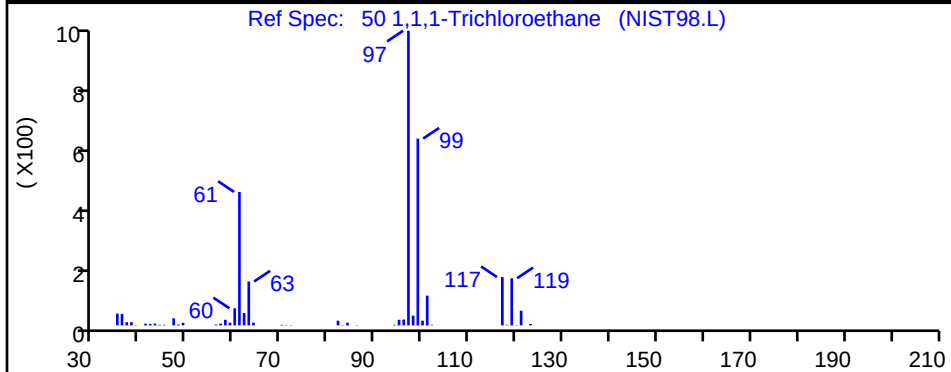
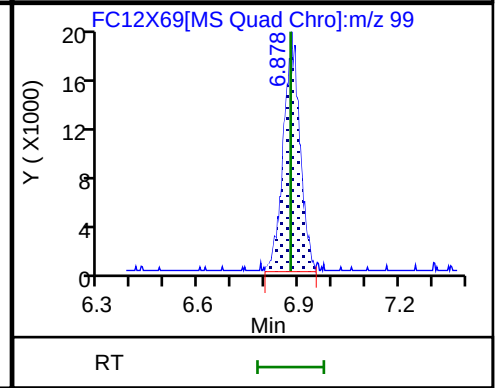
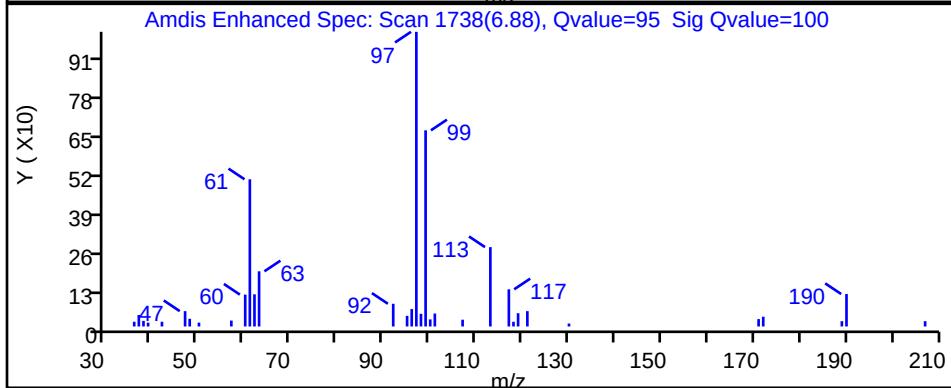
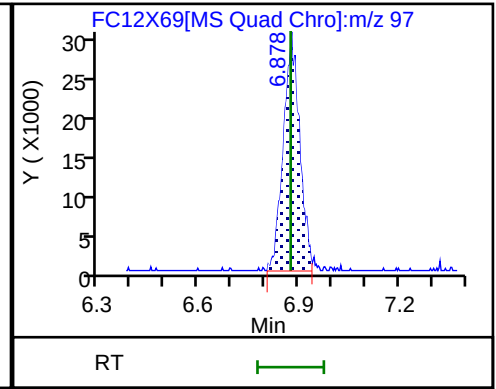
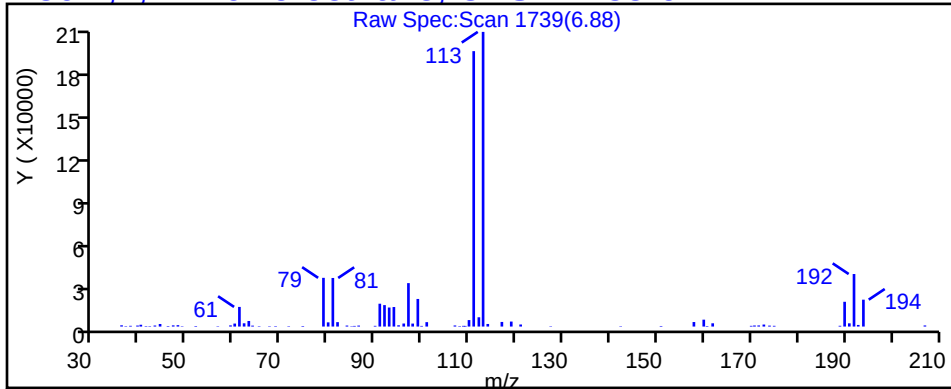
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

50 1,1,1-Trichloroethane, CAS: 71-55-6

Instrument ID: 15830

Lab Sample ID: 410-244867-2

Operator ID: AGD105956

ALS Bottle#: 17

Worklist Smp#: 18

Dil. Factor: 1.0000

Limit Group: MSV - 8260C_D

MS Quad

Mass spectrometry analysis of 1,1-dichloroethene. The figure displays eight panels arranged in a 4x2 grid, showing mass spectra and chromatograms.

Left Column: Mass Spectra

- Raw Spec: Scan 706(3.56)**: Shows the raw mass spectrum with major peaks at m/z 44, 61, 96, and 98.
- Enhanced Spec: Scan 706(3.56), Qvalue=89 Sig Qvalue=98**: Shows the enhanced mass spectrum, highlighting the base peak at m/z 44 and other significant peaks at 61, 96, and 98.
- Ref Spec: 17 1,1-Dichloroethene (NIST98.L)**: Shows the reference mass spectrum for 1,1-dichloroethene, with major peaks at m/z 61, 96, and 98.
- Differenc Spec: Scan 706 @ 3.557 min.(Qvalue: 89)**: Shows the difference spectrum, highlighting the base peak at m/z 44.

Right Column: Chromatograms

- FC12X69[MS Quad Chro]:m/z 96**: Shows the chromatogram for m/z 96, with a major peak at 3.557 min.
- FC12X69[MS Quad Chro]:m/z 98**: Shows the chromatogram for m/z 98, with a major peak at 3.550 min.
- FC12X69[MS Quad Chro]:m/z 63**: Shows the chromatogram for m/z 63, with a major peak at 3.560 min.
- FC12X69[MS Quad Chro]:m/z 96, FC12X69[MS Quad Chro]:m/z 98, FC12X69[MS Quad Chro]:m/z 63, FC12X69[MS Quad Chro]:m/z 61**: Shows the combined chromatogram for all four m/z values, with peaks at 3.557, 3.550, 3.560, and 3.557 min.

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X69.D

Injection Date: 13-Oct-2025 03:13:32

Instrument ID: 15830

Lims ID: 410-244867-A-2

Lab Sample ID: 410-244867-2

Client ID: HD-MW-67S-0/1-0

Operator ID: AGD105956

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 5.000 mL

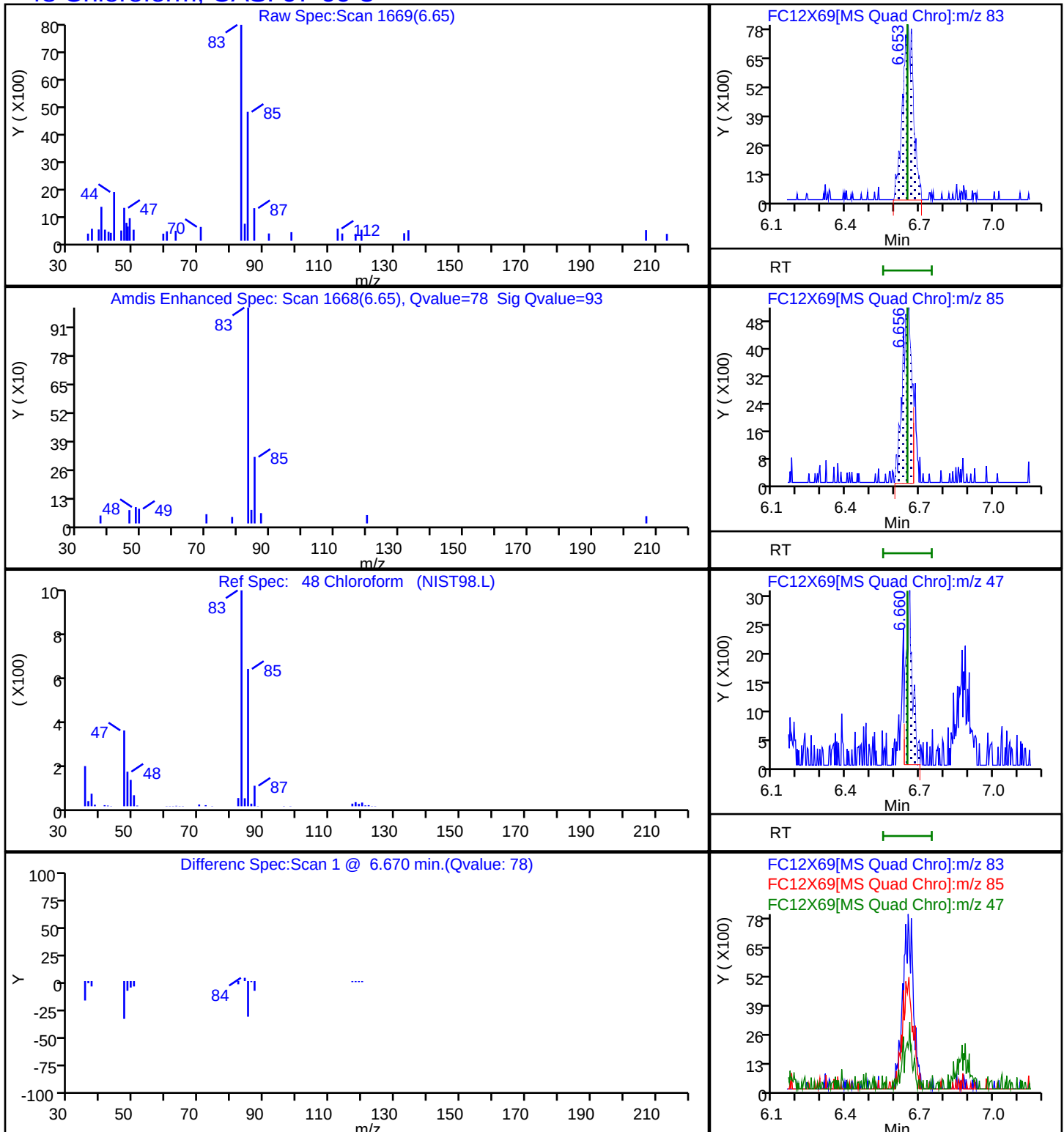
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 100 m

MS Quad

48 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X69.D

Injection Date: 13-Oct-2025 03:13:32

Instrument ID: 15830

Lims ID: 410-244867-A-2

Lab Sample ID: 410-244867-2

Client ID: HD-MW-67S-0/1-0

Operator ID: AGD105956

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 5.000 mL

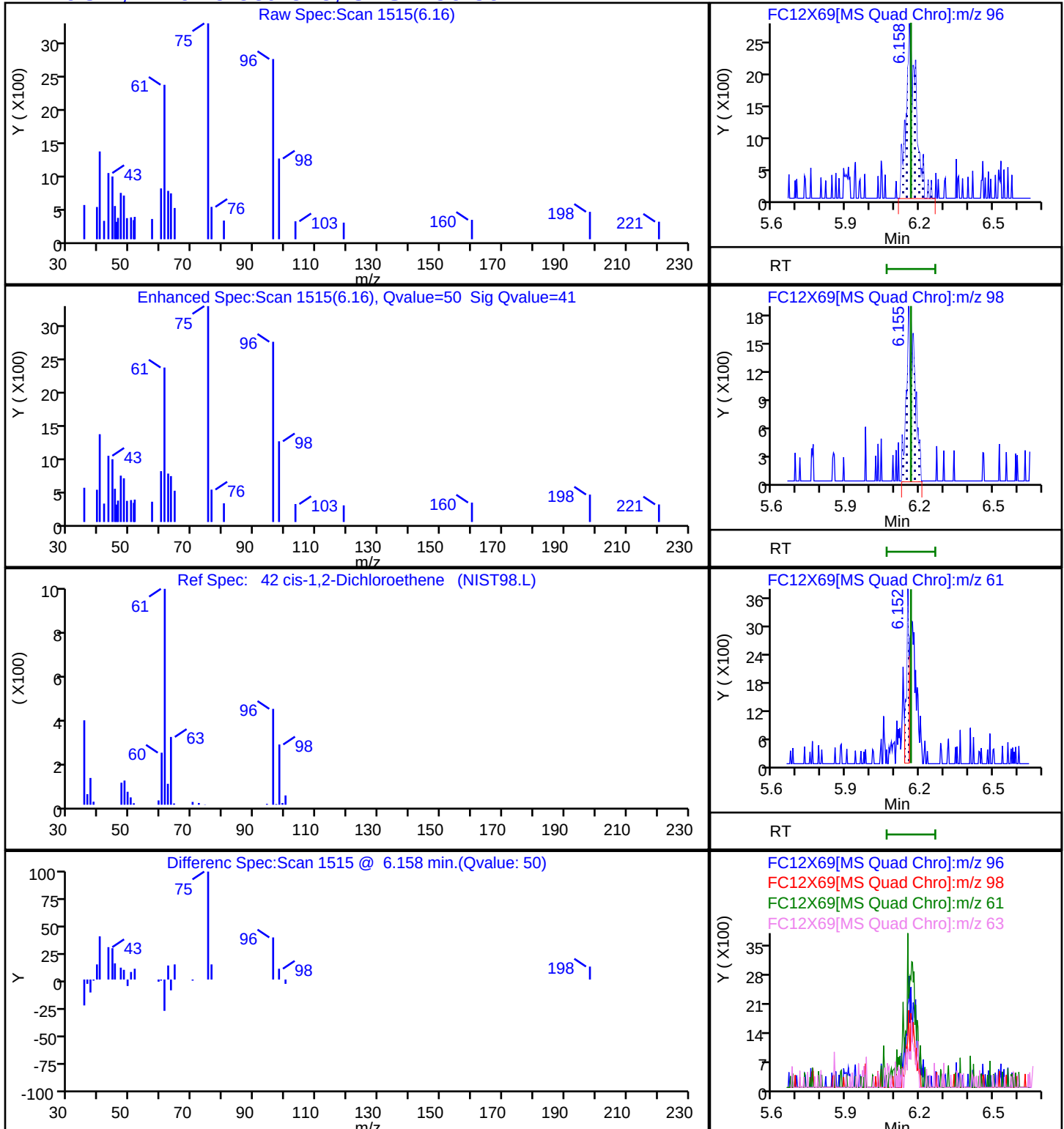
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

42 cis-1,2-Dichloroethene, CAS: 156-59-2

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X69.D

Injection Date: 13-Oct-2025 03:13:32

Instrument ID: 15830

Lims ID: 410-244867-A-2

Lab Sample ID: 410-244867-2

Client ID: HD-MW-67S-0/1-0

Operator ID: AGD105956

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 5.000 mL

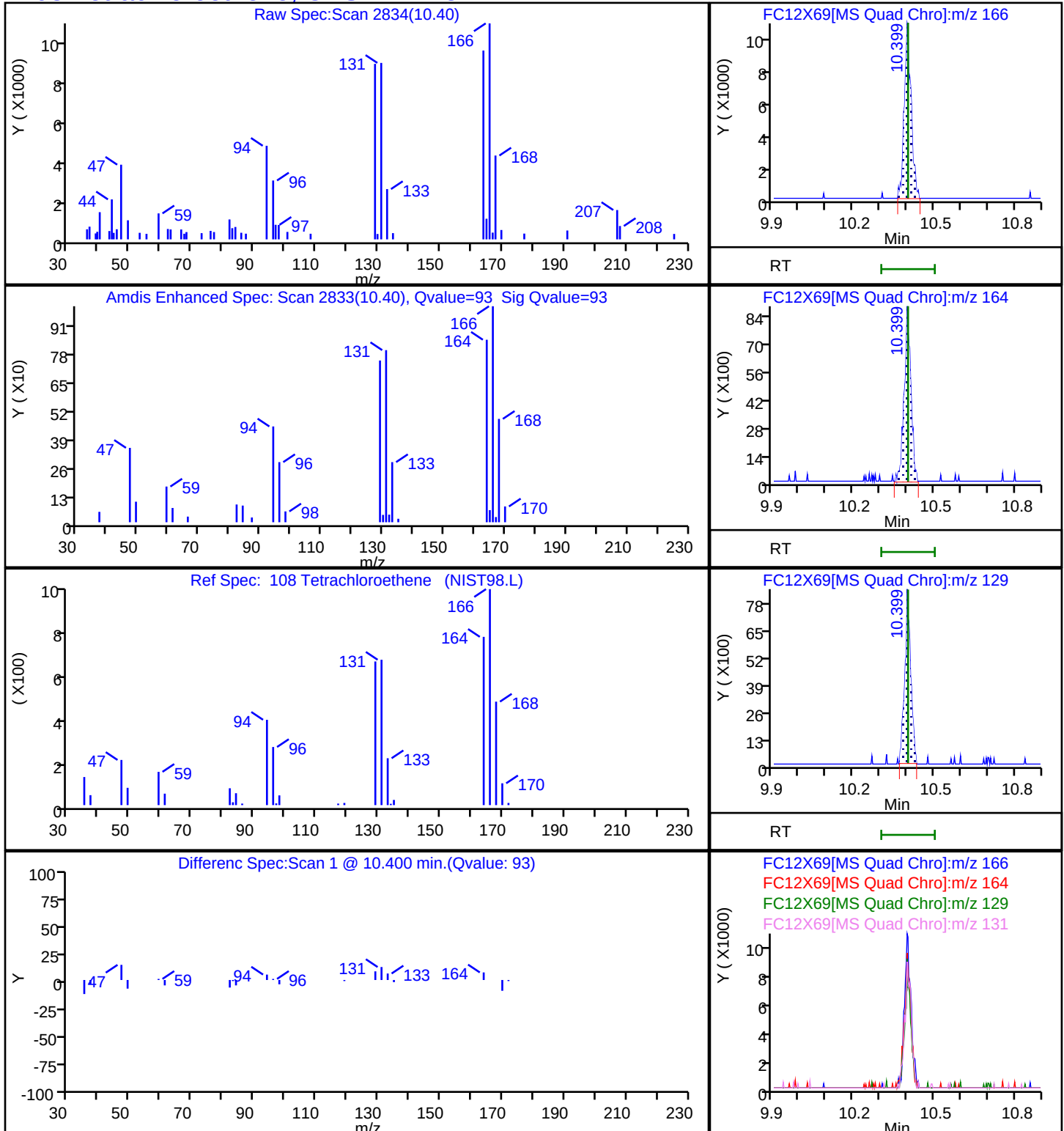
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID) x 30m

MS Quad

108 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X69.D

Injection Date: 13-Oct-2025 03:13:32

Instrument ID: 15830

Lims ID: 410-244867-A-2

Lab Sample ID: 410-244867-2

Client ID: HD-MW-67S-0/1-0

Operator ID: AGD105956

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 5.000 mL

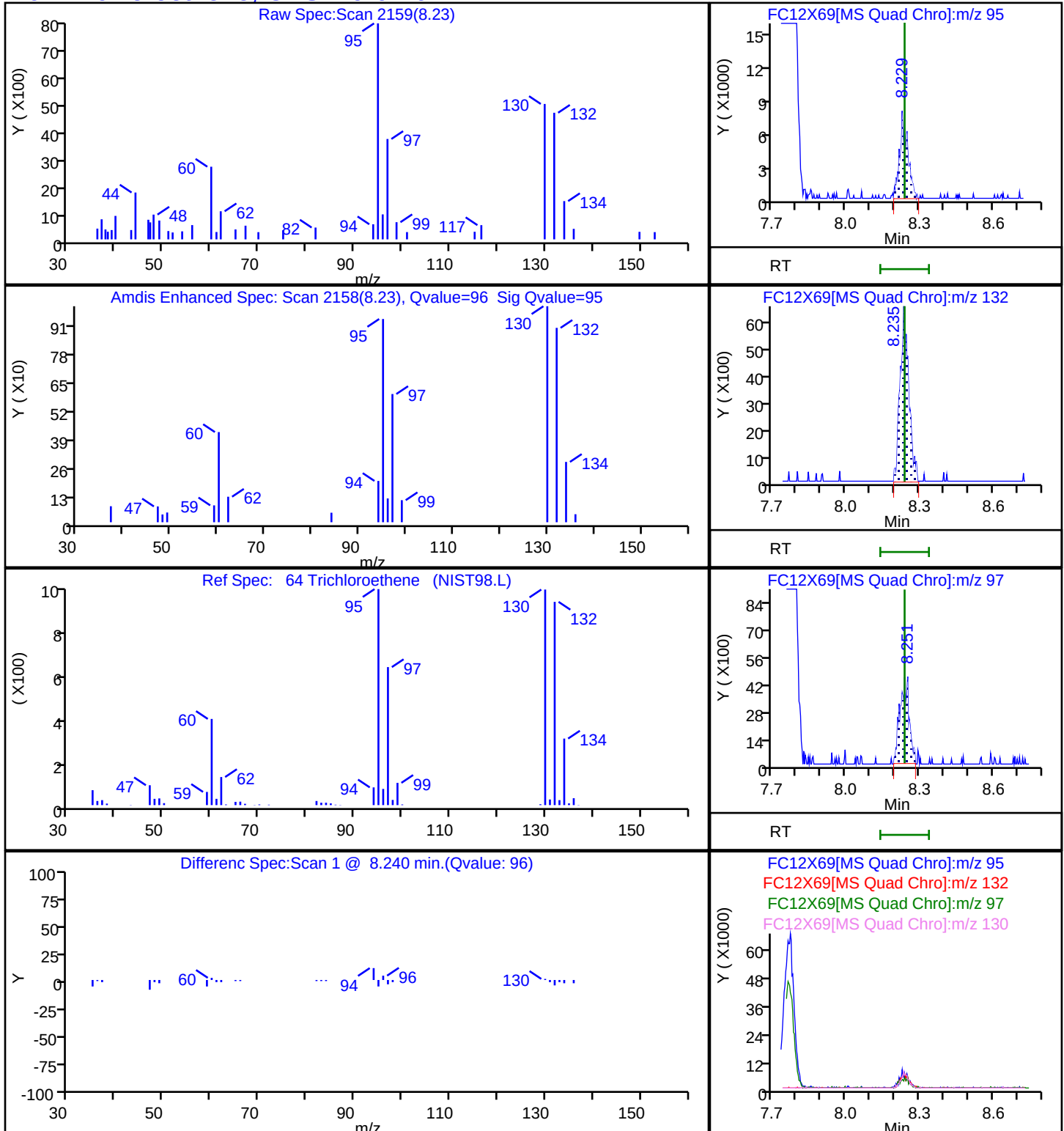
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

64 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

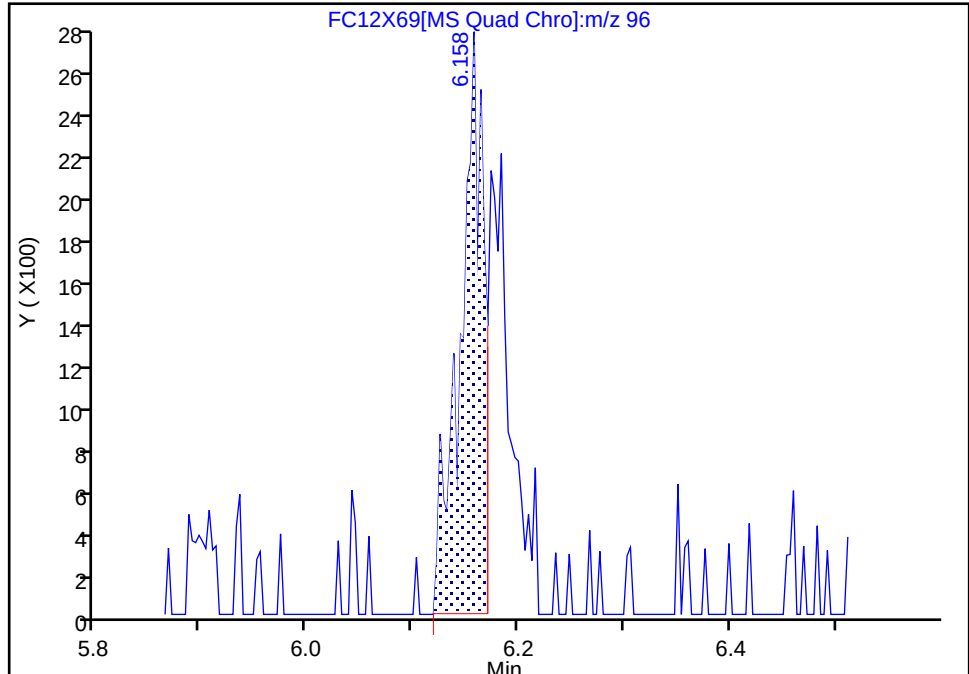
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Injection Date: 13-Oct-2025 03:13:32 Instrument ID: 15830
Lims ID: 410-244867-A-2 Lab Sample ID: 410-244867-2
Client ID: HD-MW-67S-0/1-0
Operator ID: AGD105956 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

42 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

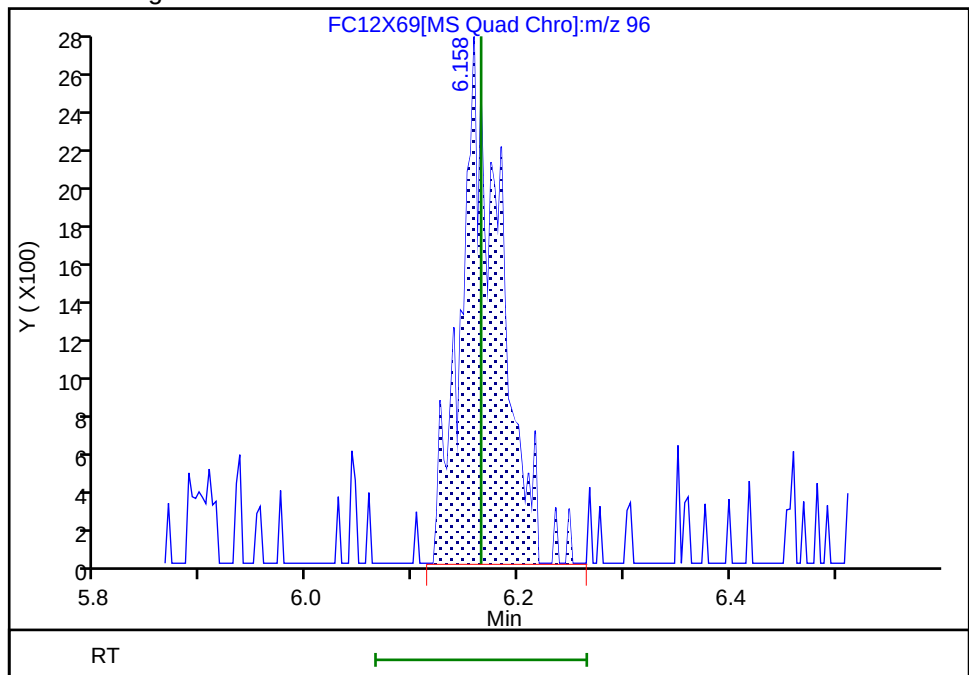
RT: 6.16
Area: 4104
Amount: 0.299486
Amount Units: ug/l

Processing Integration Results



RT: 6.16
Area: 7027
Amount: 0.512790
Amount Units: ug/l

Manual Integration Results



Reviewer: UCB5, 13-Oct-2025 13:50:10 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID: HD-QC2-0/1-1

Lab Sample ID: 410-244867-3

Matrix: Water

Lab File ID: FC12X62.D

Analysis Method: 8260D

Date Collected: 09/30/2025 08:00

Sample wt/vol: 5 (mL)

Date Analyzed: 10/13/2025 00:35

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712734

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND	^c cn	10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50
67-64-1	Acetone	ND	^c cn	20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	0.36	J	1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	0.31	J	1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	1.9		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-QC2-0/1-1 Lab Sample ID: 410-244867-3

Matrix: Water Lab File ID: FC12X62.D

Analysis Method: 8260D Date Collected: 09/30/2025 08:00

Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2025 00:35

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 712734 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	25		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		80-120
460-00-4	4-Bromofluorobenzene (Surr)	90		80-120
1868-53-7	Dibromofluoromethane (Surr)	117		80-120
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X62.D
 Lims ID: 410-244867-A-3
 Client ID: HD-QC2-0/1-1
 Sample Type: Client
 Inject. Date: 13-Oct-2025 00:35:19 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162872-011
 Operator ID: AGD105956 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 13-Oct-2025 14:10:56 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 14:10:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.129				ND	7
5 Vinyl chloride	62		2.242				ND	
8 Bromomethane	94		2.589				ND	7
9 Chloroethane	64		2.676				ND	7
17 1,1-Dichloroethene	96		3.554				ND	7
19 Acetone	58		3.595				ND	7
23 Carbon disulfide	76		3.862				ND	7
26 Methylene Chloride	84		4.239				ND	7
* 27 t-Butyl alcohol-d10 (IS)	65	4.287	4.274	0.013	96	1919696	250.0	
32 trans-1,2-Dichloroethene	96		4.640				ND	7
33 Methyl tert-butyl ether	73		4.650				ND	7
35 1,1-Dichloroethane	63		5.316				ND	7
41 2-Butanone (MEK)	43		6.148				ND	7
42 cis-1,2-Dichloroethene	96	6.165	6.165	0.000	25	4431	0.3110	
46 Chlorobromomethane	128		6.492				ND	7
48 Chloroform	83	6.653	6.650	0.003	62	7564	0.3617	M
\$ 49 Dibromofluoromethane (Surr)	113	6.865	6.862	0.003	92	683912	58.4	
50 1,1,1-Trichloroethane	97		6.875				ND	7
53 Carbon tetrachloride	117		7.084				ND	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.322	7.328	-0.006	99	165570	54.2	
58 Benzene	78		7.354				ND	7
59 1,2-Dichloroethane	62		7.425				ND	7
* 61 Fluorobenzene (IS)	96	7.763	7.759	0.004	98	2172743	50.0	
64 Trichloroethene	95	8.238	8.238	0.000	97	270752	25.0	
66 1,2-Dichloropropane	63		8.576				ND	7
72 Dichlorobromomethane	83		8.930				ND	7
76 cis-1,3-Dichloropropene	75		9.473				ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.660				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.782	9.779	0.003	94	2012114	48.1	
80 Toluene	92		9.859				ND	7
105 trans-1,3-Dichloropropene	75		10.116				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 1,1,2-Trichloroethane	97		10.322				ND	7
108 Tetrachloroethene	166	10.399	10.402	-0.003	96	20381	1.91	
110 2-Hexanone	43		10.544				ND	7
111 Chlorodibromomethane	129		10.695				ND	7
112 Ethylene Dibromide	107		10.804				ND	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	88	1476358	50.0	
S 116 Xylenes, Total	106		11.245				ND	7
115 Chlorobenzene	112		11.264				ND	7
117 1,1,1,2-Tetrachloroethane	131		11.348				ND	
118 Ethylbenzene	91		11.351				ND	7
119 m-Xylene & p-Xylene	106		11.467				ND	7
120 o-Xylene	106		11.798				ND	
121 Styrene	104		11.811				ND	
122 Bromoform	173		11.965				ND	7
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	86	675587	44.8	
127 1,1,2,2-Tetrachloroethane	83		12.348				ND	7
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.126	0.003	96	803687	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 13-Oct-2025 14:10:57

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X62.D

Injection Date: 13-Oct-2025 00:35:19

Instrument ID: 15830

Operator ID: AGD105956

Lims ID: 410-244867-A-3

Lab Sample ID: 410-244867-3

Worklist Smp#: 11

Client ID: HD-QC2-0/1-1

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

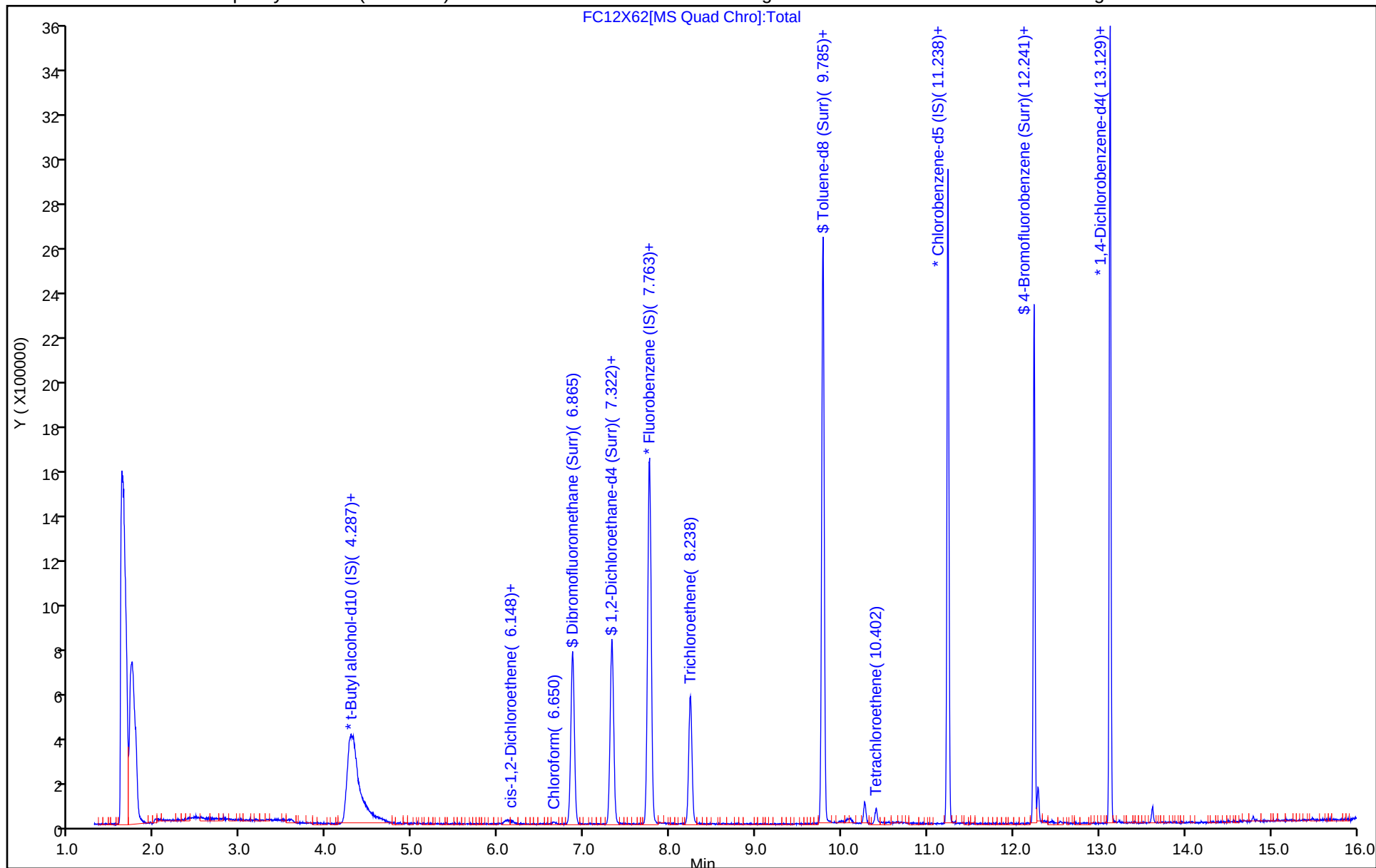
ALS Bottle#: 10

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X62.D
Lims ID: 410-244867-A-3
Client ID: HD-QC2-0/1-1
Sample Type: Client
Inject. Date: 13-Oct-2025 00:35:19 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162872-011
Operator ID: AGD105956 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 13-Oct-2025 14:10:56 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 14:10:56

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	58.4	116.81
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	54.2	108.33
\$ 79 Toluene-d8 (Surr)	50.0	48.1	96.23
\$ 126 4-Bromofluorobenzene (Surr)	50.0	44.8	89.52

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X62.D

Injection Date: 13-Oct-2025 00:35:19

Instrument ID: 15830

Lims ID: 410-244867-A-3

Lab Sample ID: 410-244867-3

Client ID: HD-QC2-0/1-1

Operator ID: AGD105956

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

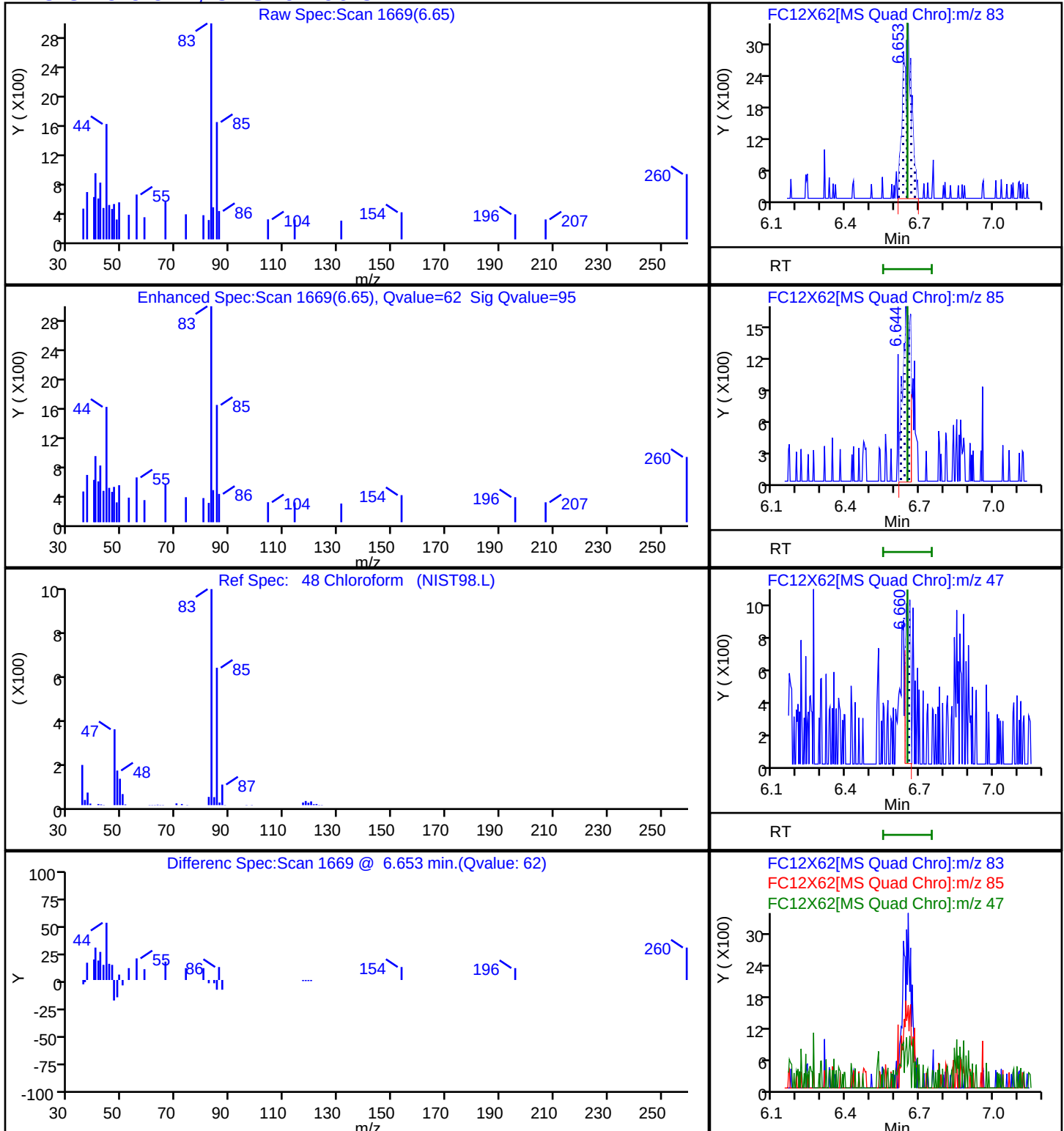
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

48 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X62.D

Injection Date: 13-Oct-2025 00:35:19

Instrument ID: 15830

Lims ID: 410-244867-A-3

Lab Sample ID: 410-244867-3

Client ID: HD-QC2-0/1-1

Operator ID: AGD105956

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

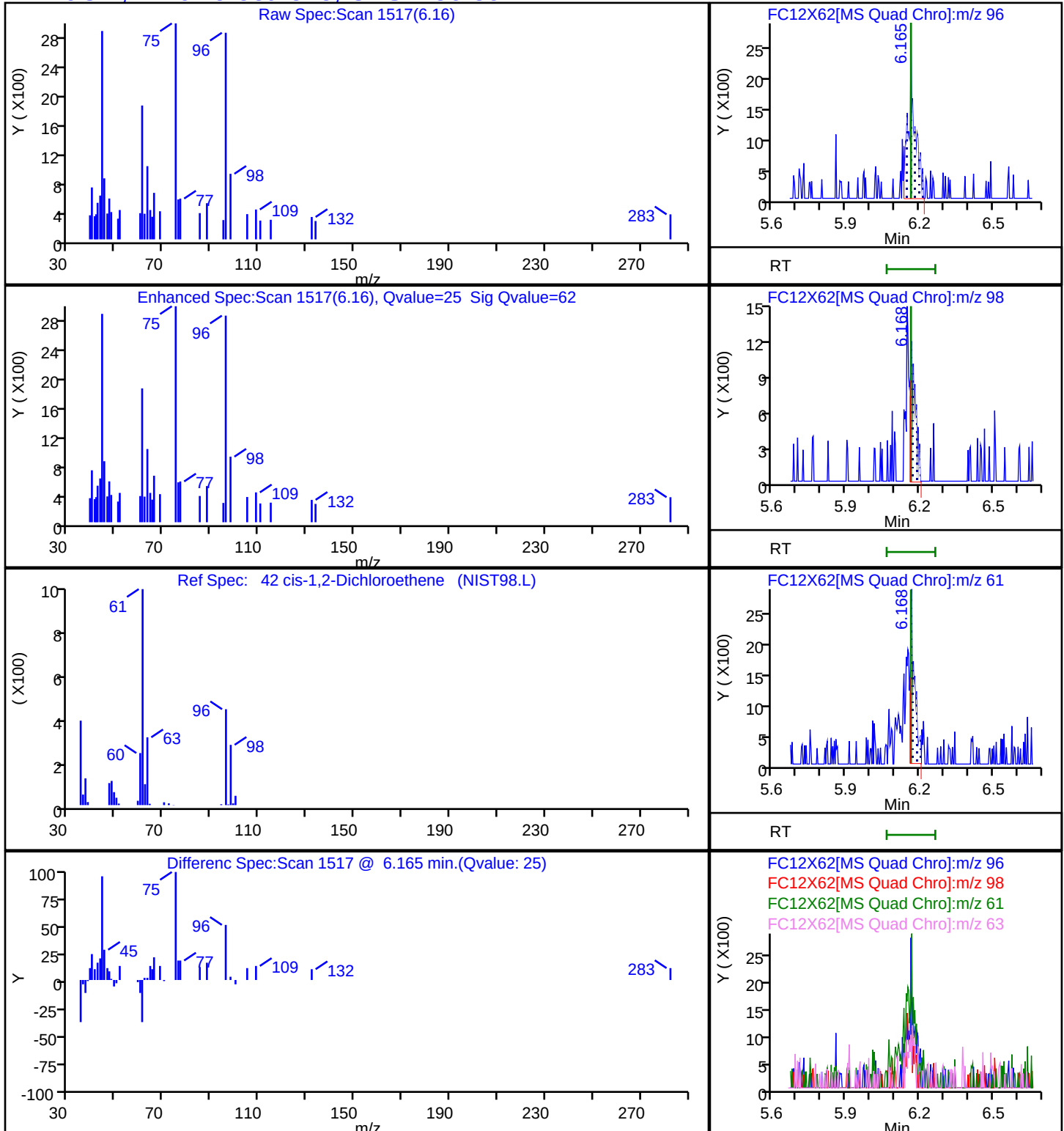
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

42 cis-1,2-Dichloroethene, CAS: 156-59-2

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X62.D

Injection Date: 13-Oct-2025 00:35:19

Instrument ID: 15830

Lims ID: 410-244867-A-3

Lab Sample ID: 410-244867-3

Client ID: HD-QC2-0/1-1

Operator ID: AGD105956

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

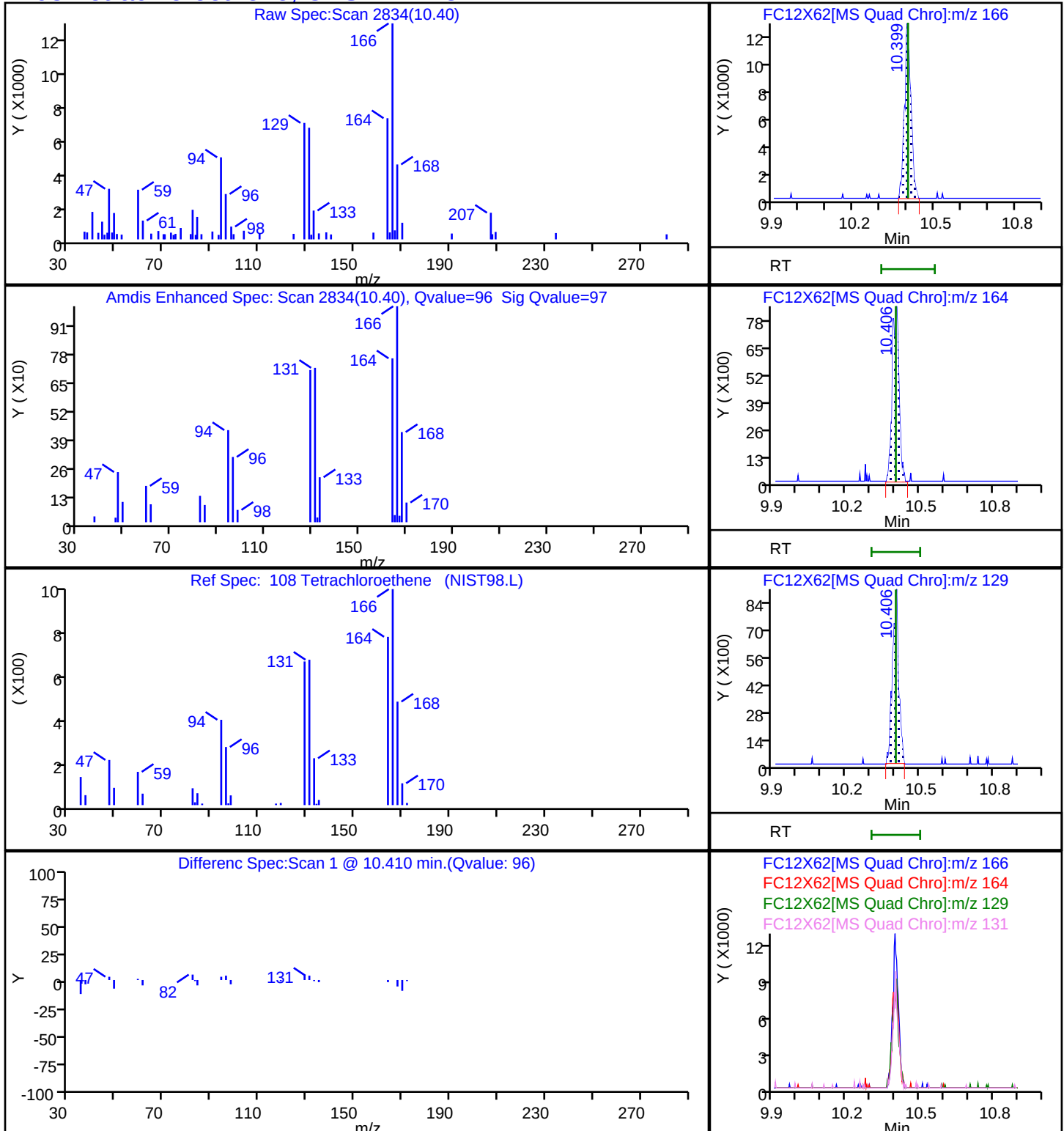
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID) x 30m

MS Quad

108 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X62.D

Injection Date: 13-Oct-2025 00:35:19

Instrument ID: 15830

Lims ID: 410-244867-A-3

Lab Sample ID: 410-244867-3

Client ID: HD-QC2-0/1-1

Operator ID: AGD105956

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

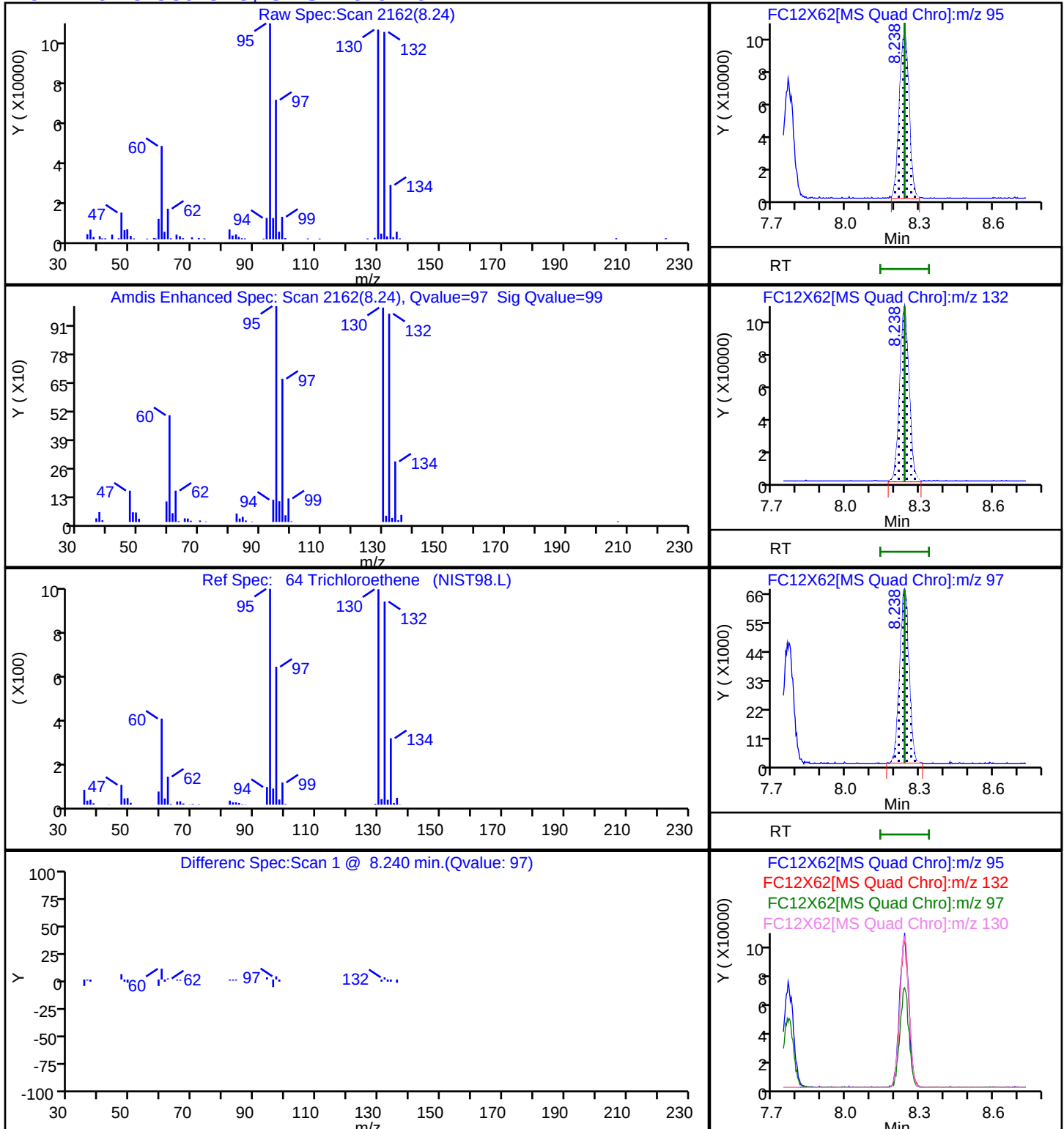
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

64 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

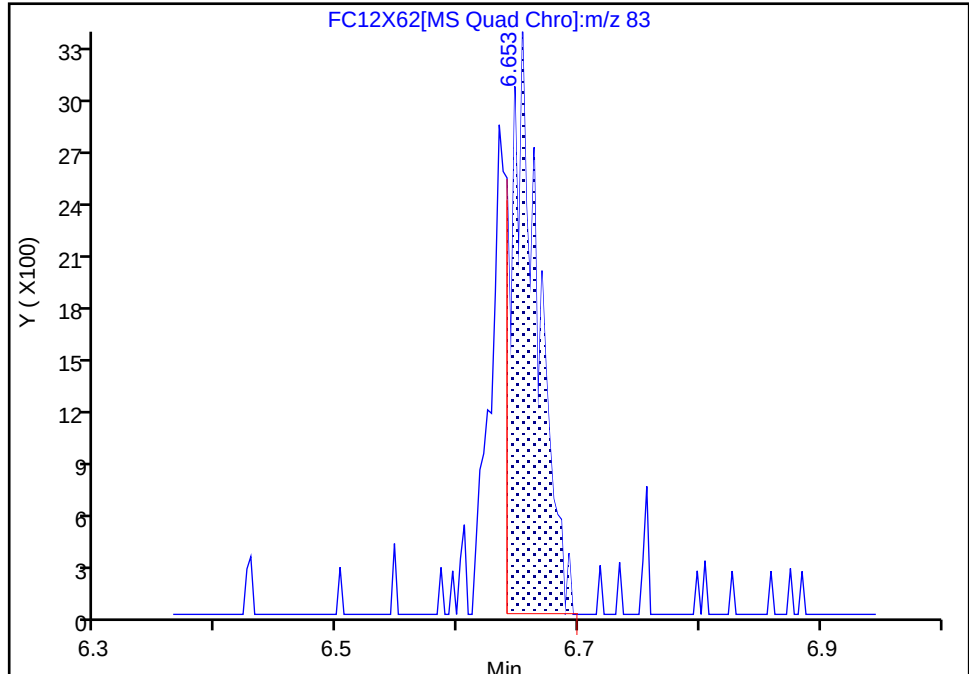
Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X62.D
Injection Date: 13-Oct-2025 00:35:19 Instrument ID: 15830
Lims ID: 410-244867-A-3 Lab Sample ID: 410-244867-3
Client ID: HD-QC2-0/1-1
Operator ID: AGD105956 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

48 Chloroform, CAS: 67-66-3

Signal: 1

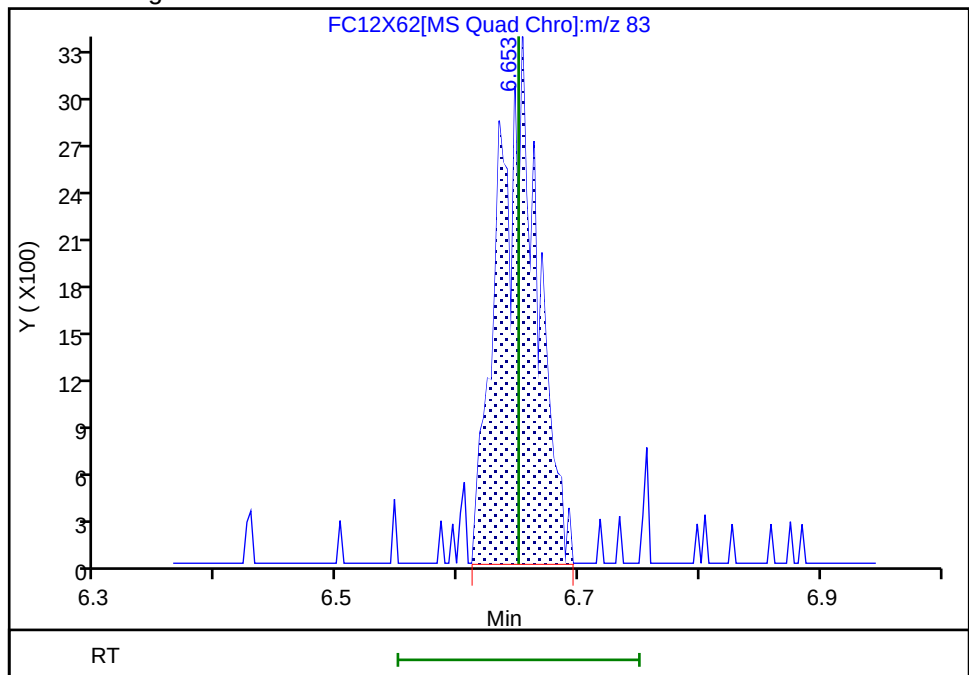
RT: 6.65
Area: 5273
Amount: 0.252142
Amount Units: ug/l

Processing Integration Results



RT: 6.65
Area: 7564
Amount: 0.361693
Amount Units: ug/l

Manual Integration Results



Reviewer: FQ4L, 13-Oct-2025 14:10:40 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID: HD-MW67D-0/1-0

Lab Sample ID: 410-244867-4

Matrix: Water

Lab File ID: FC12X63.D

Analysis Method: 8260D

Date Collected: 09/30/2025 14:22

Sample wt/vol: 5 (mL)

Date Analyzed: 10/13/2025 00:57

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712734

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND	^c cn	10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50
67-64-1	Acetone	ND	^c cn	20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	1.4		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	0.34	J	1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW67D-0/1-0 Lab Sample ID: 410-244867-4

Matrix: Water Lab File ID: FC12X63.D

Analysis Method: 8260D Date Collected: 09/30/2025 14:22

Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2025 00:57

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 712734 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	0.88	J	1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		80-120
460-00-4	4-Bromofluorobenzene (Surr)	89		80-120
1868-53-7	Dibromofluoromethane (Surr)	116		80-120
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X63.D
 Lims ID: 410-244867-A-4
 Client ID: HD-MW67D-0/1-0
 Sample Type: Client
 Inject. Date: 13-Oct-2025 00:57:58 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162872-012
 Operator ID: AGD105956 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 13-Oct-2025 14:06:11 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 14:09:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.129				ND	7
5 Vinyl chloride	62		2.242				ND	
8 Bromomethane	94		2.589				ND	7
9 Chloroethane	64		2.676				ND	7
17 1,1-Dichloroethene	96		3.554				ND	7
19 Acetone	58		3.595				ND	7
23 Carbon disulfide	76		3.862				ND	7
26 Methylene Chloride	84		4.239				ND	7
* 27 t-Butyl alcohol-d10 (IS)	65	4.296	4.274	0.022	98	2376948	250.0	
32 trans-1,2-Dichloroethene	96		4.640				ND	7
33 Methyl tert-butyl ether	73		4.650				ND	7
35 1,1-Dichloroethane	63		5.316				ND	7
41 2-Butanone (MEK)	43		6.148				ND	7
42 cis-1,2-Dichloroethene	96	6.158	6.165	-0.007	46	4887	0.3380	
46 Chlorobromomethane	128		6.492				ND	7
48 Chloroform	83	6.650	6.650	0.000	92	28894	1.36	
\$ 49 Dibromofluoromethane (Surr)	113	6.868	6.862	0.006	93	692021	58.2	
50 1,1,1-Trichloroethane	97		6.875				ND	7
53 Carbon tetrachloride	117		7.084				ND	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.325	7.328	-0.003	98	172299	55.5	
58 Benzene	78		7.354				ND	7
59 1,2-Dichloroethane	62		7.425				ND	7
* 61 Fluorobenzene (IS)	96	7.759	7.759	0.000	98	2205037	50.0	
64 Trichloroethene	95	8.232	8.238	-0.006	91	9738	0.8844	
66 1,2-Dichloropropane	63		8.576				ND	7
72 Dichlorobromomethane	83		8.930				ND	7
76 cis-1,3-Dichloropropene	75		9.473				ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.660				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.782	9.779	0.003	94	2007444	47.8	
80 Toluene	92		9.859				ND	7
105 trans-1,3-Dichloropropene	75		10.116				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 1,1,2-Trichloroethane	97		10.322				ND	7
108 Tetrachloroethene	166	10.392	10.402	-0.010	51	2636	0.2464	
110 2-Hexanone	43		10.544				ND	7
111 Chlorodibromomethane	129		10.695				ND	7
112 Ethylene Dibromide	107		10.804				ND	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	88	1482639	50.0	
S 116 Xylenes, Total	106		11.245				ND	7
115 Chlorobenzene	112		11.264				ND	7
117 1,1,1,2-Tetrachloroethane	131		11.348				ND	
118 Ethylbenzene	91		11.351				ND	7
119 m-Xylene & p-Xylene	106		11.467				ND	7
120 o-Xylene	106		11.798				ND	
121 Styrene	104		11.811				ND	
122 Bromoform	173		11.965				ND	7
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	86	673663	44.4	
127 1,1,2,2-Tetrachloroethane	83		12.348				ND	7
* 140 1,4-Dichlorobenzene-d4	152	13.125	13.126	-0.001	97	800692	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 13-Oct-2025 14:09:41

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X63.D

Injection Date: 13-Oct-2025 00:57:58

Instrument ID: 15830

Operator ID: AGD105956

Lims ID: 410-244867-A-4

Lab Sample ID: 410-244867-4

Worklist Smp#: 12

Client ID: HD-MW67D-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

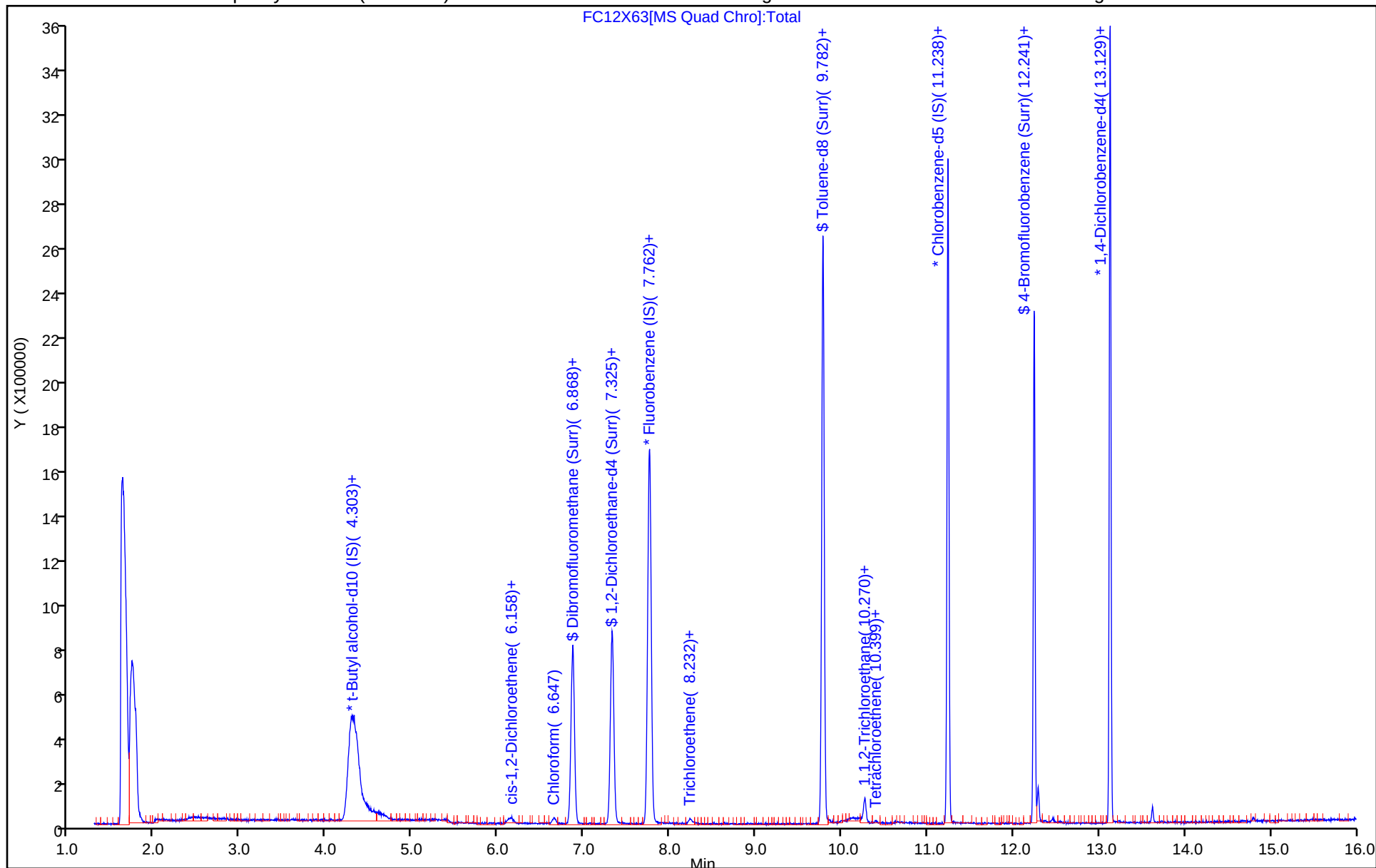
ALS Bottle#: 11

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X63.D
Lims ID: 410-244867-A-4
Client ID: HD-MW67D-0/1-0
Sample Type: Client
Inject. Date: 13-Oct-2025 00:57:58 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162872-012
Operator ID: AGD105956 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 13-Oct-2025 14:06:11 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 14:09:41

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	58.2	116.47
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	55.5	111.08
\$ 79 Toluene-d8 (Surr)	50.0	47.8	95.60
\$ 126 4-Bromofluorobenzene (Surr)	50.0	44.4	88.89

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X63.D

Injection Date: 13-Oct-2025 00:57:58

Instrument ID: 15830

Lims ID: 410-244867-A-4

Lab Sample ID: 410-244867-4

Client ID: HD-MW67D-0/1-0

Operator ID: AGD105956

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

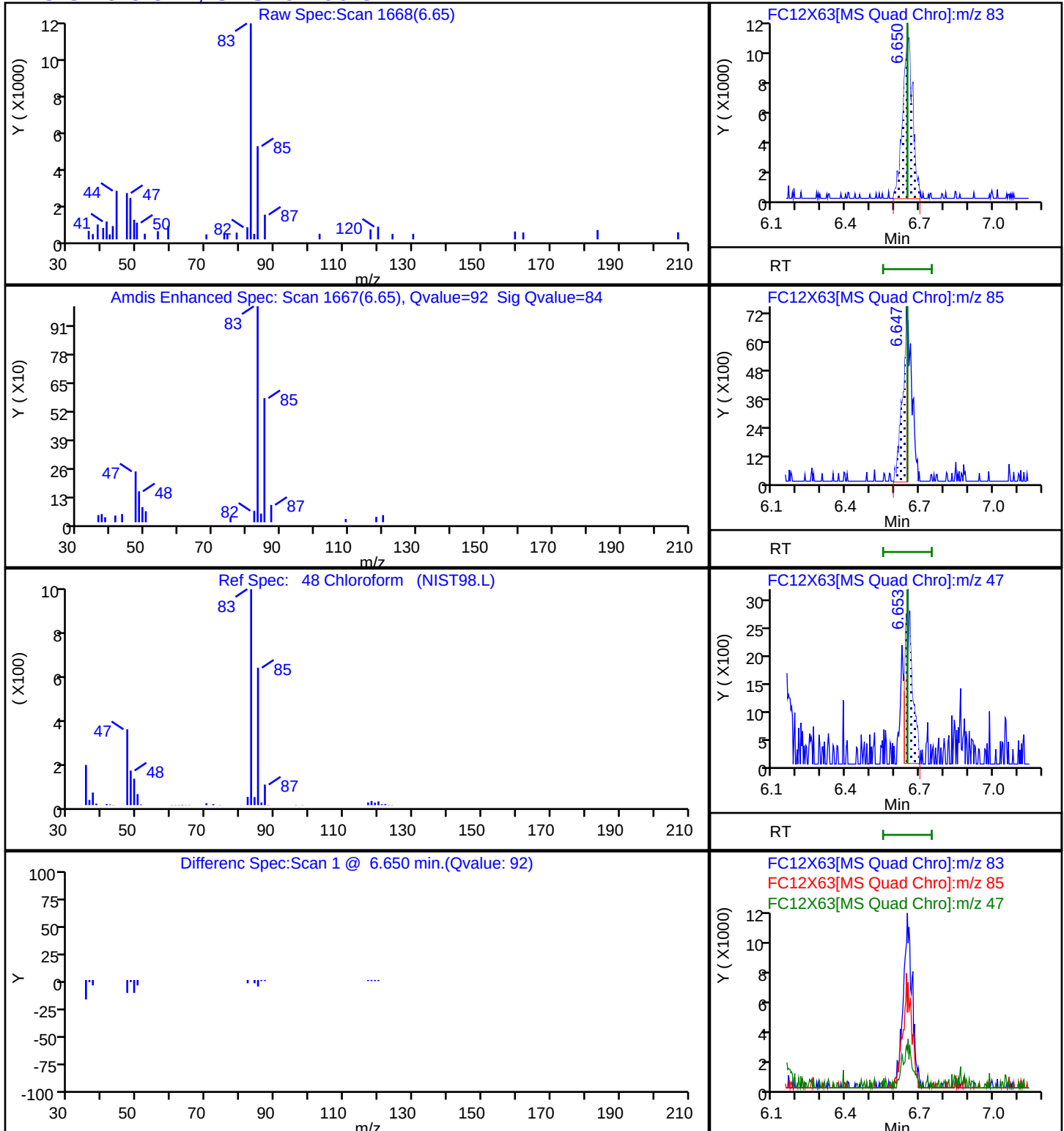
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 150 m

MS Quad

48 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X63.D

Injection Date: 13-Oct-2025 00:57:58

Instrument ID: 15830

Lims ID: 410-244867-A-4

Lab Sample ID: 410-244867-4

Client ID: HD-MW67D-0/1-0

Operator ID: AGD105956

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

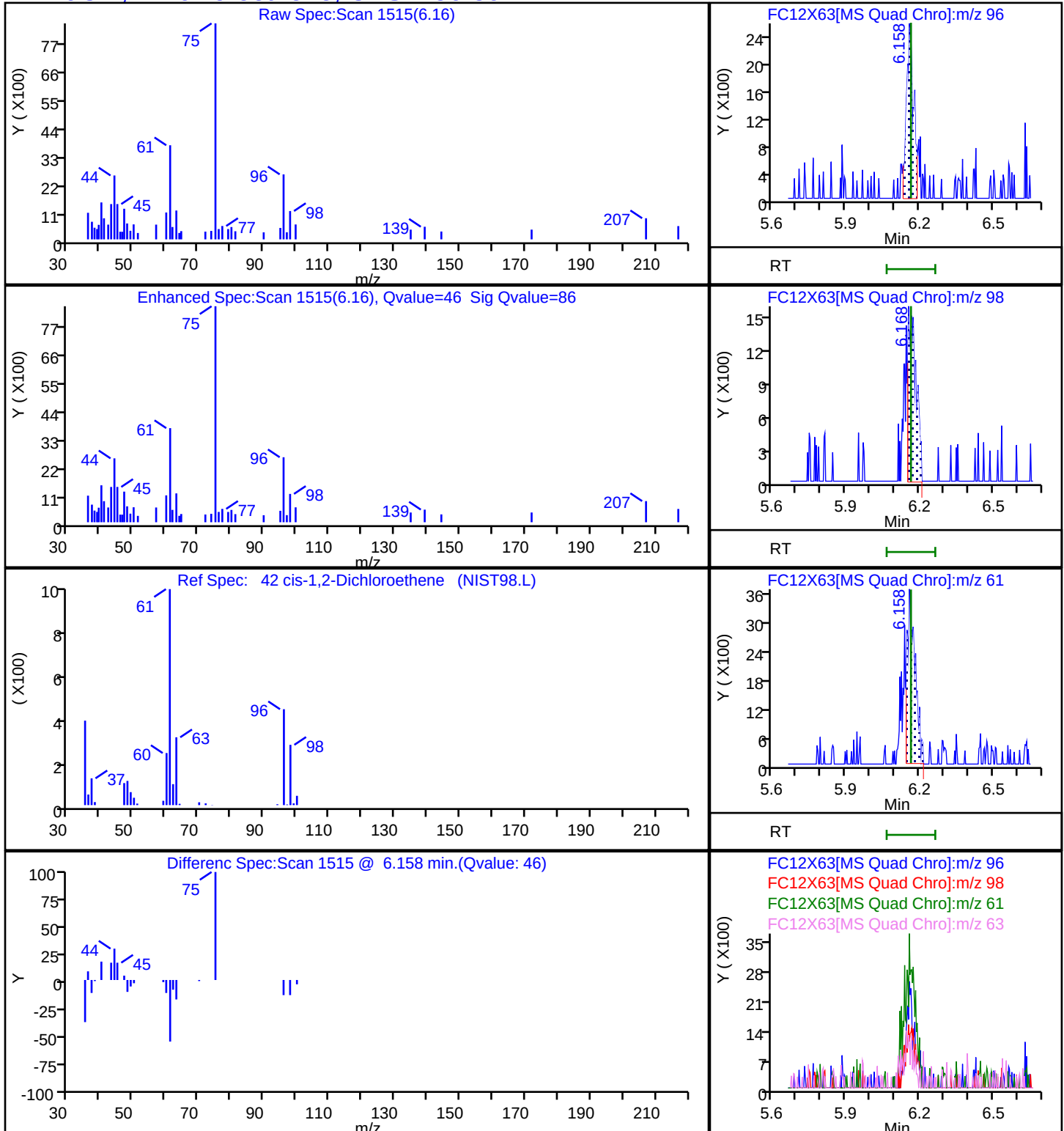
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

42 cis-1,2-Dichloroethene, CAS: 156-59-2

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X63.D

Injection Date: 13-Oct-2025 00:57:58

Instrument ID: 15830

Lims ID: 410-244867-A-4

Lab Sample ID: 410-244867-4

Client ID: HD-MW67D-0/1-0

Operator ID: AGD105956

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

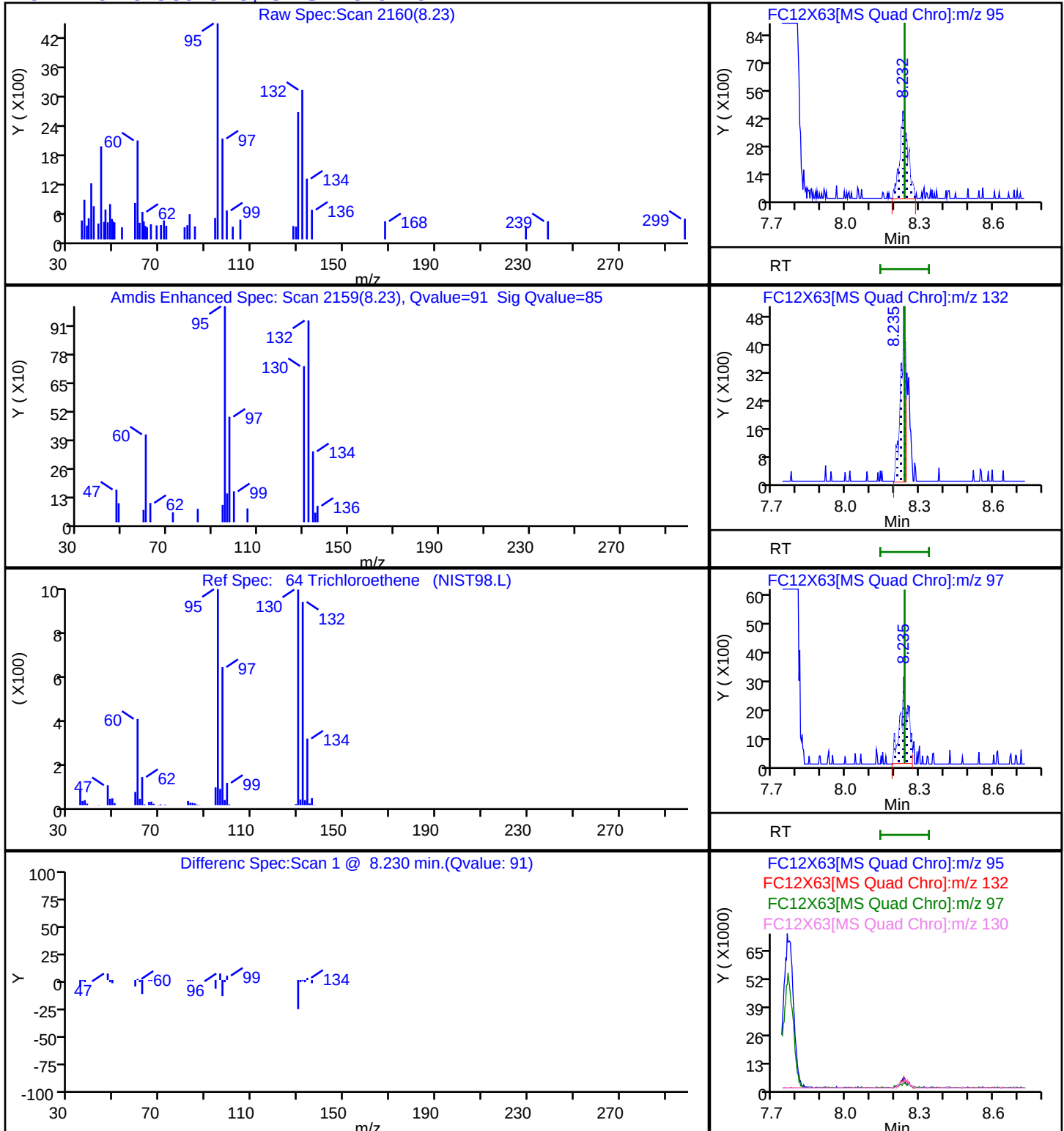
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm i.d.)

MS Quad

64 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID: HD-QC2-0/1-3

Lab Sample ID: 410-244867-5

Matrix: Water

Lab File ID: FC12X60.D

Analysis Method: 8260D

Date Collected: 09/30/2025 14:40

Sample wt/vol: 5(mL)

Date Analyzed: 10/12/2025 23:49

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712734

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND	^c cn	10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50
67-64-1	Acetone	2.9	J ^c cn	20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-QC2-0/1-3 Lab Sample ID: 410-244867-5

Matrix: Water Lab File ID: FC12X60.D

Analysis Method: 8260D Date Collected: 09/30/2025 14:40

Sample wt/vol: 5 (mL) Date Analyzed: 10/12/2025 23:49

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 712734 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		1.0	0.30
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		80-120
460-00-4	4-Bromofluorobenzene (Surr)	90		80-120
1868-53-7	Dibromofluoromethane (Surr)	116		80-120
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X60.D
 Lims ID: 410-244867-A-5
 Client ID: HD-QC2-0/1-3
 Sample Type: Client
 Inject. Date: 12-Oct-2025 23:49:16 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162872-009
 Operator ID: AGD105956 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 13-Oct-2025 14:17:25 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 14:17:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.129				ND	7
5 Vinyl chloride	62		2.242				ND	7
8 Bromomethane	94		2.589				ND	7
9 Chloroethane	64		2.676				ND	7
17 1,1-Dichloroethene	96		3.554				ND	7
19 Acetone	58	3.608	3.595	0.013	86	12862	2.87	
23 Carbon disulfide	76		3.862				ND	7
26 Methylene Chloride	84		4.239				ND	
* 27 t-Butyl alcohol-d10 (IS)	65	4.290	4.274	0.016	97	1976660	250.0	
32 trans-1,2-Dichloroethene	96		4.640				ND	7
33 Methyl tert-butyl ether	73		4.650				ND	7
35 1,1-Dichloroethane	63		5.316				ND	7
41 2-Butanone (MEK)	43		6.148				ND	U
42 cis-1,2-Dichloroethene	96		6.165				ND	7
46 Chlorobromomethane	128		6.492				ND	
48 Chloroform	83		6.650				ND	7
\$ 49 Dibromofluoromethane (Surr)	113	6.869	6.862	0.007	92	670279	58.0	
50 1,1,1-Trichloroethane	97		6.875				ND	7
53 Carbon tetrachloride	117		7.084				ND	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.322	7.328	-0.006	98	166915	55.4	
58 Benzene	78		7.354				ND	7
59 1,2-Dichloroethane	62		7.425				ND	7
* 61 Fluorobenzene (IS)	96	7.756	7.759	-0.003	98	2142760	50.0	
64 Trichloroethene	95		8.238				ND	7
66 1,2-Dichloropropane	63		8.576				ND	7
72 Dichlorobromomethane	83		8.930				ND	
76 cis-1,3-Dichloropropene	75		9.473				ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.660				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.782	9.779	0.003	95	1966942	47.9	
80 Toluene	92		9.859				ND	7
105 trans-1,3-Dichloropropene	75		10.116				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 1,1,2-Trichloroethane	97		10.322				ND	7
108 Tetrachloroethene	166		10.402				ND	
110 2-Hexanone	43		10.544				ND	7
111 Chlorodibromomethane	129		10.695				ND	7
112 Ethylene Dibromide	107		10.804				ND	7
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	89	1450663	50.0	
S 116 Xylenes, Total	106		11.245				ND	7
115 Chlorobenzene	112		11.264				ND	7
117 1,1,1,2-Tetrachloroethane	131		11.348				ND	7
118 Ethylbenzene	91		11.351				ND	7
119 m-Xylene & p-Xylene	106		11.467				ND	7
120 o-Xylene	106		11.798				ND	7
121 Styrene	104		11.811				ND	7
122 Bromoform	173		11.965				ND	7
\$ 126 4-Bromofluorobenzene (Surr)	95	12.245	12.241	0.004	86	670119	45.2	
127 1,1,2,2-Tetrachloroethane	83		12.348				ND	7
* 140 1,4-Dichlorobenzene-d4	152	13.126	13.126	0.000	97	803734	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 13-Oct-2025 14:17:26

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X60.D

Injection Date: 12-Oct-2025 23:49:16

Instrument ID: 15830

Operator ID: AGD105956

Lims ID: 410-244867-A-5

Lab Sample ID: 410-244867-5

Worklist Smp#: 9

Client ID: HD-QC2-0/1-3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

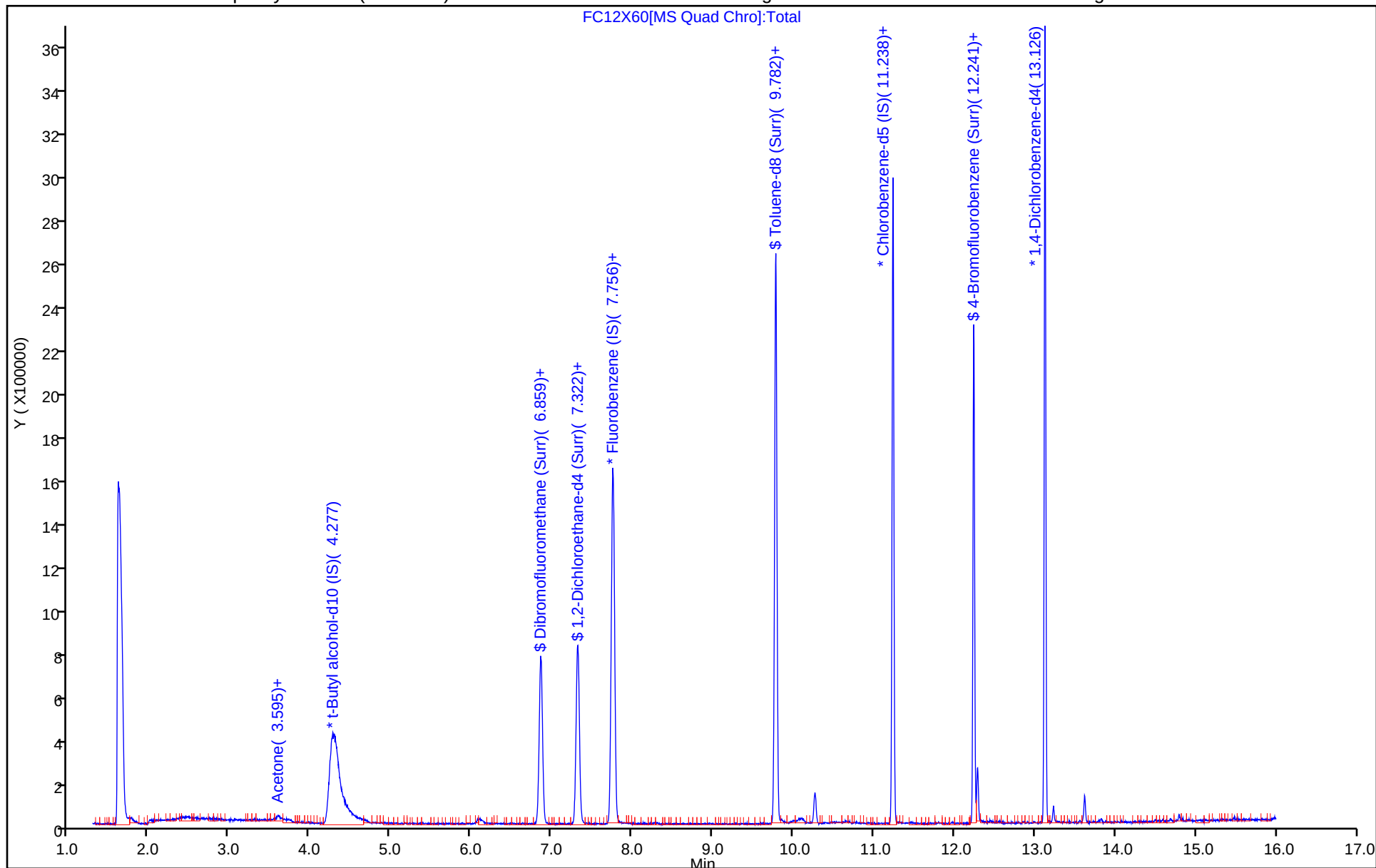
ALS Bottle#: 8

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X60.D
Lims ID: 410-244867-A-5
Client ID: HD-QC2-0/1-3
Sample Type: Client
Inject. Date: 12-Oct-2025 23:49:16 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162872-009
Operator ID: AGD105956 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 13-Oct-2025 14:17:25 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 14:17:25

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	58.0	116.09
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	55.4	110.74
\$ 79 Toluene-d8 (Surr)	50.0	47.9	95.74
\$ 126 4-Bromofluorobenzene (Surr)	50.0	45.2	90.37

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X60.D

Injection Date: 12-Oct-2025 23:49:16

Instrument ID: 15830

Lims ID: 410-244867-A-5

Lab Sample ID: 410-244867-5

Client ID: HD-QC2-0/1-3

Operator ID: AGD105956

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 5.000 mL

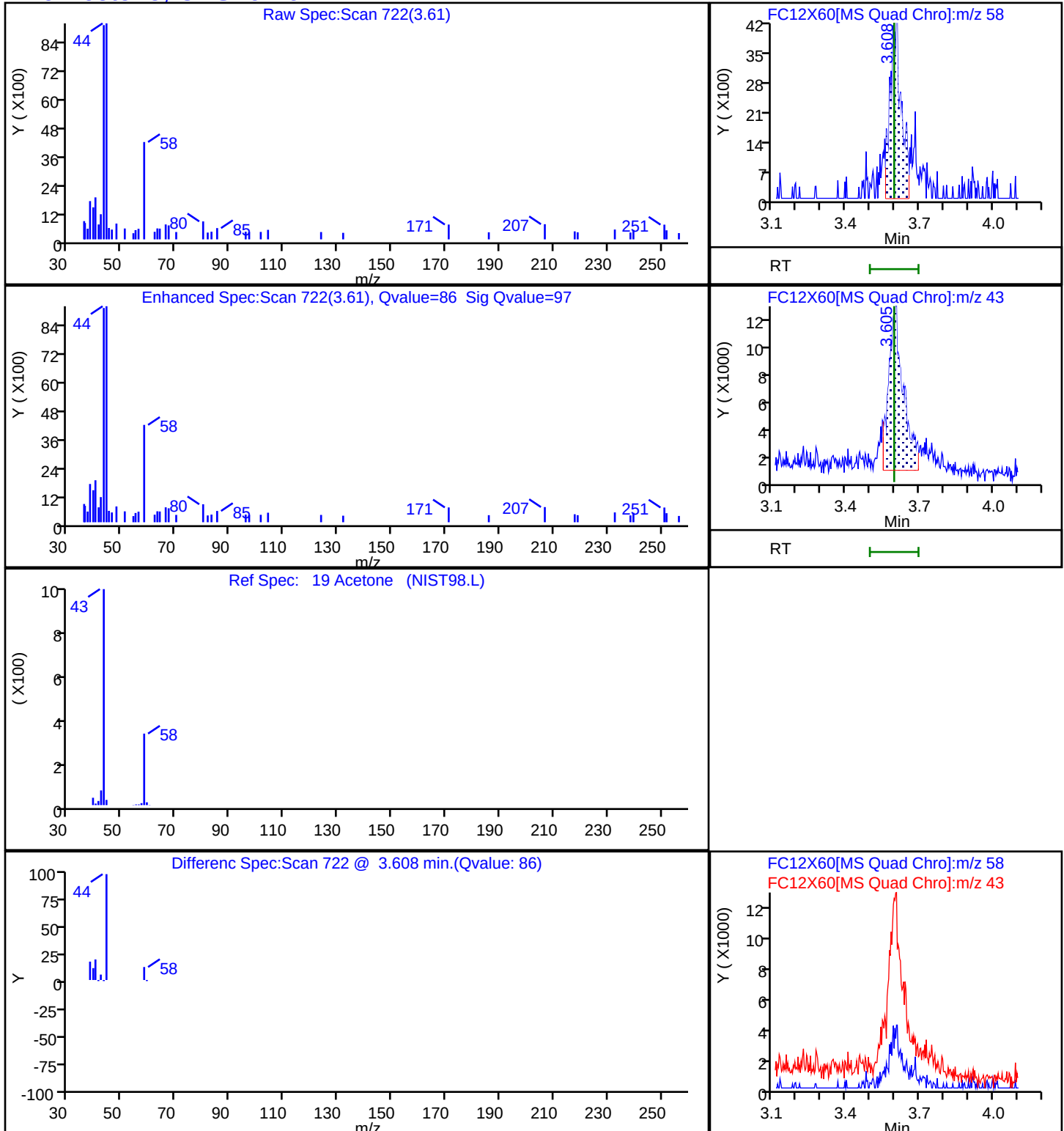
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

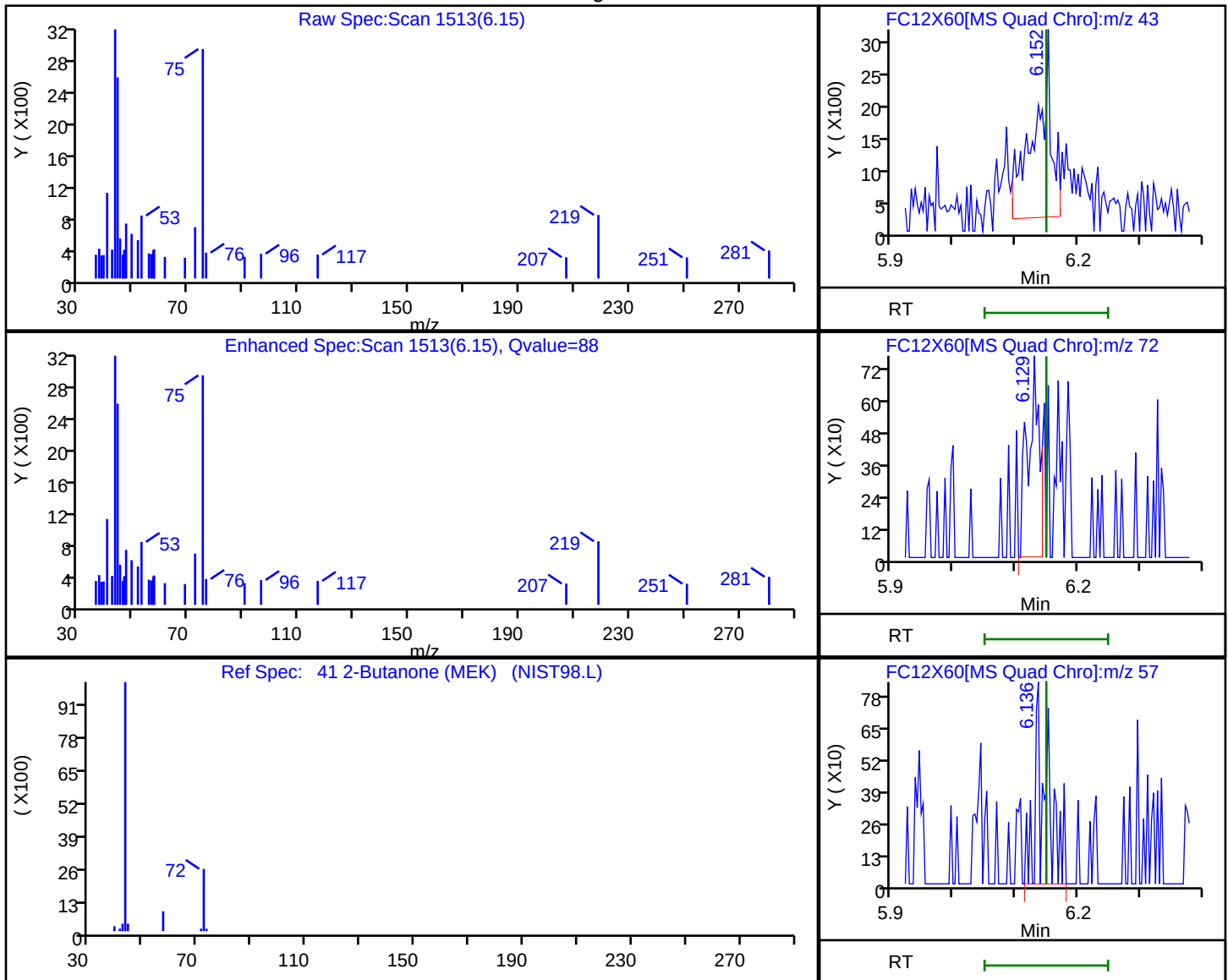
19 Acetone, CAS: 67-64-1

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X60.D
Injection Date: 12-Oct-2025 23:49:16 Instrument ID: 15830
Lims ID: 410-244867-A-5 Lab Sample ID: 410-244867-5
Client ID: HD-QC2-0/1-3
Operator ID: AGD105956 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) MS Quad

41 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
6.15	43.00	5519	0.406798
6.13	72.00	971	
6.14	57.00	1120	

Reviewer: FQ4L, 13-Oct-2025 14:16:53 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID: HD-QC2-0/1-4

Lab Sample ID: 410-244867-6

Matrix: Water

Lab File ID: FC12X59.D

Analysis Method: 8260D

Date Collected: 09/30/2025 14:35

Sample wt/vol: 5(mL)

Date Analyzed: 10/12/2025 23:26

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712734

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND	^c cn	10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50
67-64-1	Acetone	3.1	J ^c cn	20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-QC2-0/1-4 Lab Sample ID: 410-244867-6

Matrix: Water Lab File ID: FC12X59.D

Analysis Method: 8260D Date Collected: 09/30/2025 14:35

Sample wt/vol: 5 (mL) Date Analyzed: 10/12/2025 23:26

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 712734 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		1.0	0.30
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		80-120
460-00-4	4-Bromofluorobenzene (Surr)	91		80-120
1868-53-7	Dibromofluoromethane (Surr)	115		80-120
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X59.D
 Lims ID: 410-244867-A-6
 Client ID: HD-QC2-0/1-4
 Sample Type: Client
 Inject. Date: 12-Oct-2025 23:26:37 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162872-008
 Operator ID: AGD105956 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 13-Oct-2025 14:24:59 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 14:24:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.129				ND	7
5 Vinyl chloride	62		2.242				ND	7
8 Bromomethane	94		2.589				ND	7
9 Chloroethane	64		2.676				ND	7
17 1,1-Dichloroethene	96		3.554				ND	7
19 Acetone	58	3.611	3.595	0.016	83	17278	3.09	M
23 Carbon disulfide	76		3.862				ND	7
26 Methylene Chloride	84		4.239				ND	7
* 27 t-Butyl alcohol-d10 (IS)	65	4.306	4.274	0.032	99	2462378	250.0	
32 trans-1,2-Dichloroethene	96		4.640				ND	7
33 Methyl tert-butyl ether	73		4.650				ND	7
35 1,1-Dichloroethane	63		5.316				ND	7
41 2-Butanone (MEK)	43		6.148				ND	U
42 cis-1,2-Dichloroethene	96		6.165				ND	7
46 Chlorobromomethane	128		6.492				ND	
48 Chloroform	83		6.650				ND	7
\$ 49 Dibromofluoromethane (Surr)	113	6.868	6.862	0.006	92	665649	57.6	
50 1,1,1-Trichloroethane	97		6.875				ND	
53 Carbon tetrachloride	117		7.084				ND	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.322	7.328	-0.006	99	160786	53.3	
58 Benzene	78		7.354				ND	7
59 1,2-Dichloroethane	62		7.425				ND	7
* 61 Fluorobenzene (IS)	96	7.762	7.759	0.003	98	2143443	50.0	
64 Trichloroethene	95		8.238				ND	7
66 1,2-Dichloropropane	63		8.576				ND	7
72 Dichlorobromomethane	83		8.930				ND	
76 cis-1,3-Dichloropropene	75		9.473				ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.660				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.778	9.779	-0.001	95	1944471	47.1	
80 Toluene	92	9.859	9.859	0.000	64	3669	0.1380	
105 trans-1,3-Dichloropropene	75		10.116				ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 1,1,2-Trichloroethane	97		10.322				ND	7
108 Tetrachloroethene	166		10.402				ND	
110 2-Hexanone	43		10.544				ND	7
111 Chlorodibromomethane	129		10.695				ND	
112 Ethylene Dibromide	107		10.804				ND	7
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	88	1457188	50.0	
S 116 Xylenes, Total	106		11.245				ND	7
115 Chlorobenzene	112		11.264				ND	7
117 1,1,1,2-Tetrachloroethane	131		11.348				ND	7
118 Ethylbenzene	91		11.351				ND	7
119 m-Xylene & p-Xylene	106		11.467				ND	7
120 o-Xylene	106		11.798				ND	7
121 Styrene	104		11.811				ND	7
122 Bromoform	173		11.965				ND	7
\$ 126 4-Bromofluorobenzene (Surr)	95	12.244	12.241	0.003	93	675590	45.4	
127 1,1,2,2-Tetrachloroethane	83		12.348				ND	7
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.126	0.003	97	782658	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 13-Oct-2025 14:25:00

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X59.D

Injection Date: 12-Oct-2025 23:26:37

Instrument ID: 15830

Operator ID: AGD105956

Lims ID: 410-244867-A-6

Lab Sample ID: 410-244867-6

Worklist Smp#: 8

Client ID: HD-QC2-0/1-4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

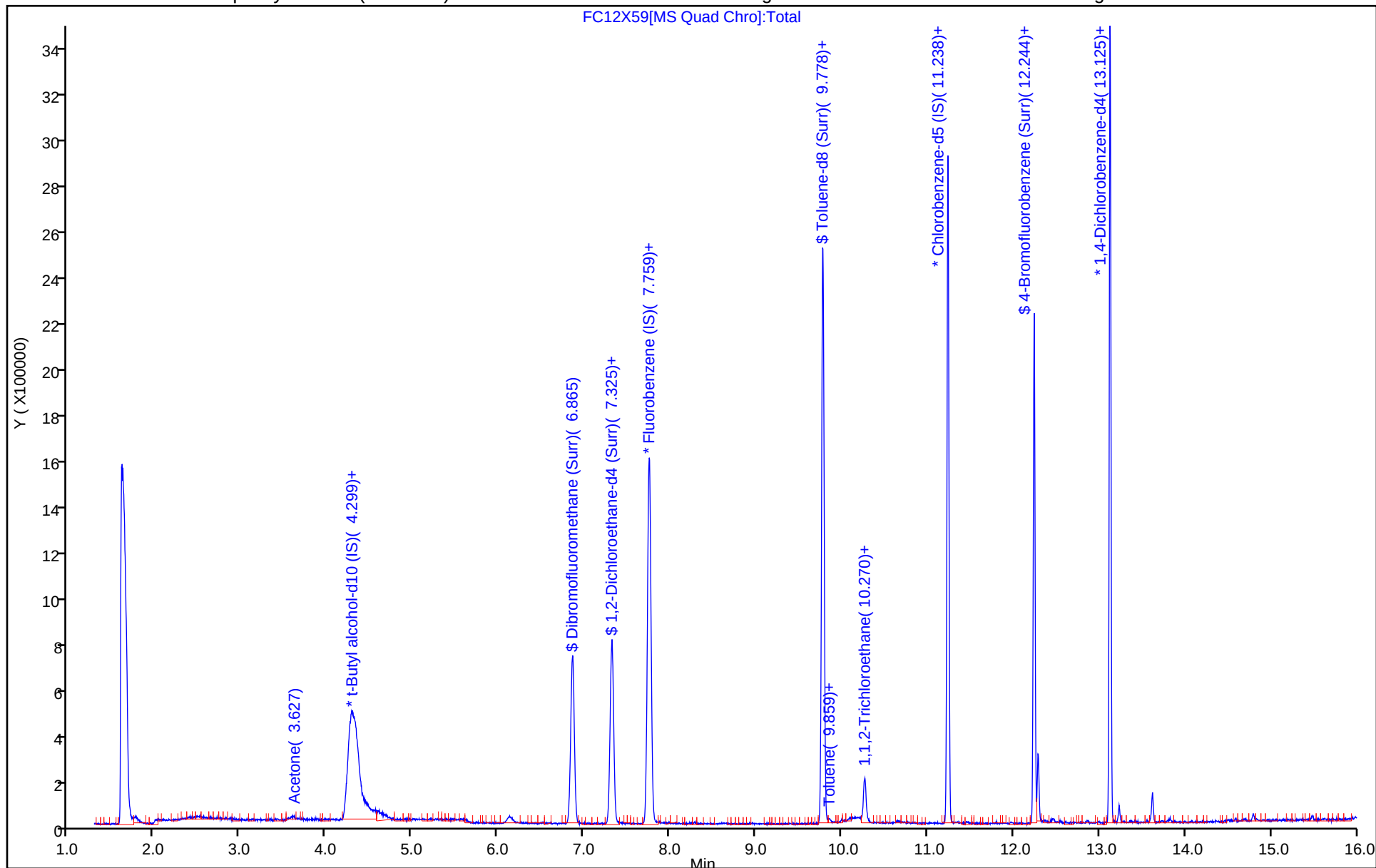
ALS Bottle#: 7

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X59.D
Lims ID: 410-244867-A-6
Client ID: HD-QC2-0/1-4
Sample Type: Client
Inject. Date: 12-Oct-2025 23:26:37 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162872-008
Operator ID: AGD105956 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 13-Oct-2025 14:24:59 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 14:24:59

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	57.6	115.25
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	53.3	106.64
\$ 79 Toluene-d8 (Surr)	50.0	47.1	94.22
\$ 126 4-Bromofluorobenzene (Surr)	50.0	45.4	90.70

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X59.D

Injection Date: 12-Oct-2025 23:26:37

Instrument ID: 15830

Lims ID: 410-244867-A-6

Lab Sample ID: 410-244867-6

Client ID: HD-QC2-0/1-4

Operator ID: AGD105956

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 5.000 mL

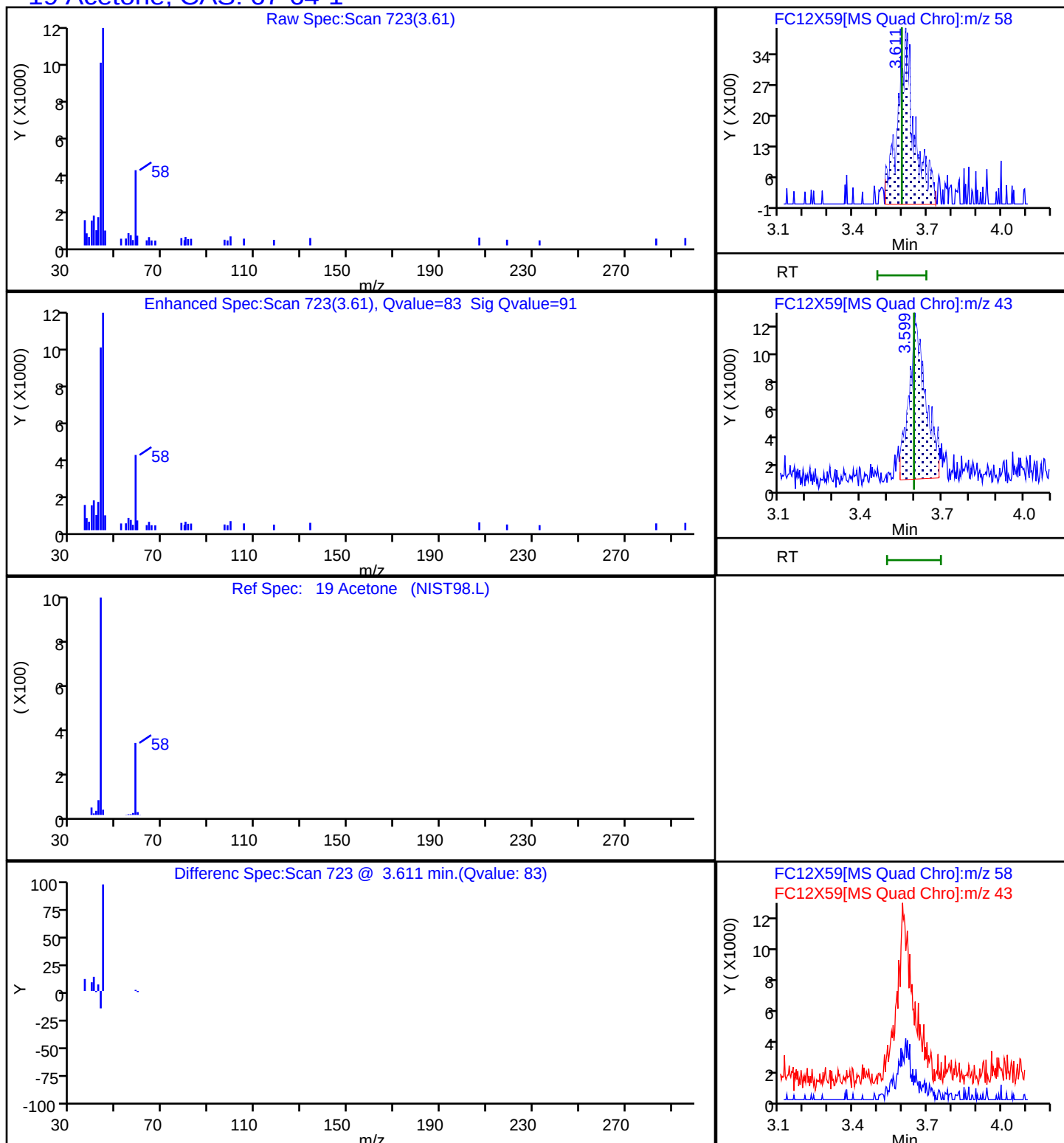
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

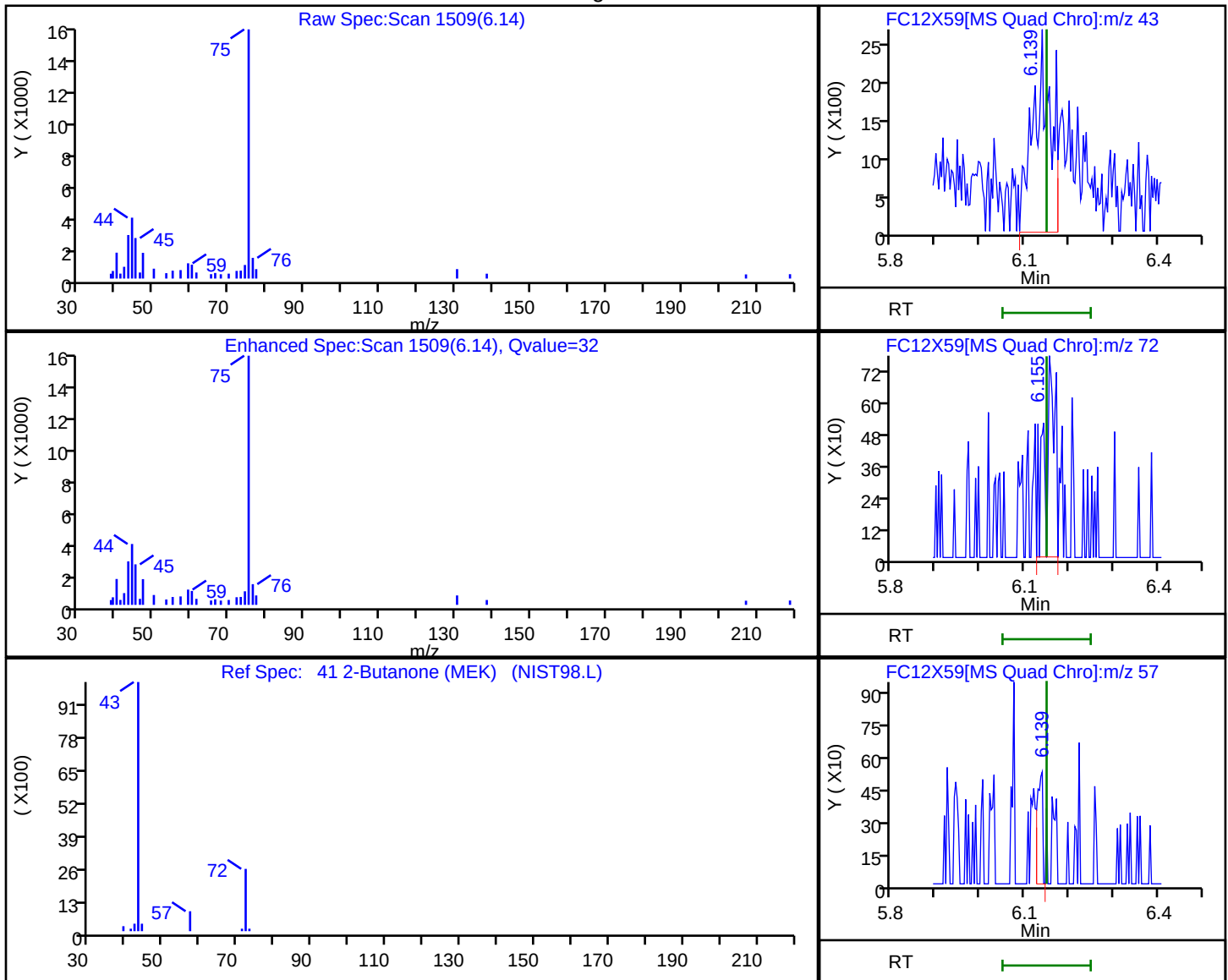
19 Acetone, CAS: 67-64-1

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X59.D
Injection Date: 12-Oct-2025 23:26:37 Instrument ID: 15830
Lims ID: 410-244867-A-6 Lab Sample ID: 410-244867-6
Client ID: HD-QC2-0/1-4
Operator ID: AGD105956 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

41 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
6.14	43.00	7095	0.522796
6.15	72.00	1228	
6.14	57.00	433	

Reviewer: FQ4L, 13-Oct-2025 14:24:42 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

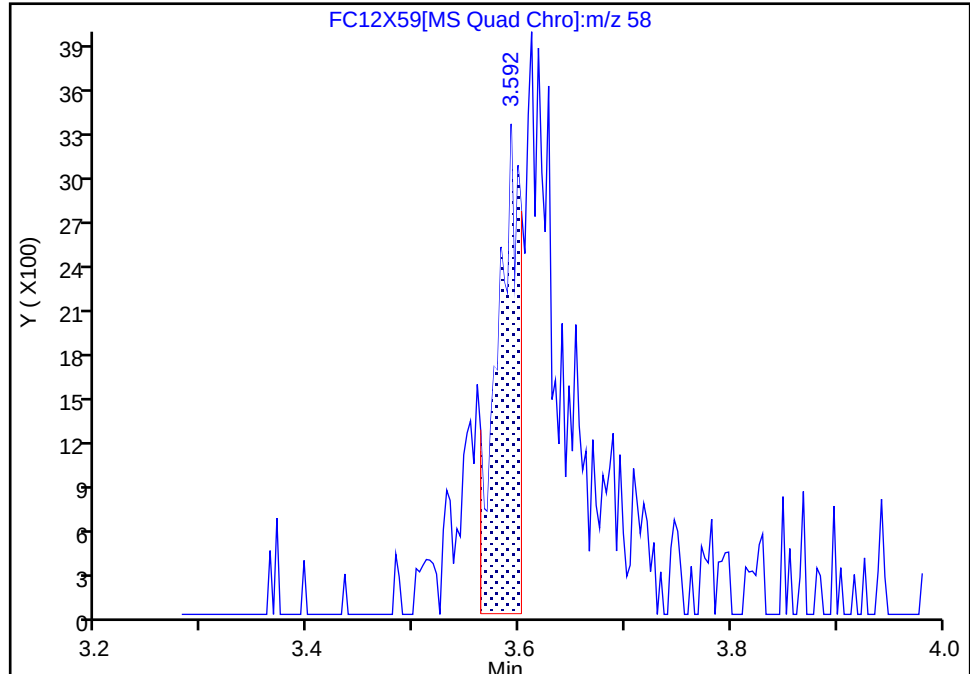
Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X59.D
Injection Date: 12-Oct-2025 23:26:37 Instrument ID: 15830
Lims ID: 410-244867-A-6 Lab Sample ID: 410-244867-6
Client ID: HD-QC2-0/1-4
Operator ID: AGD105956 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

19 Acetone, CAS: 67-64-1

Signal: 1

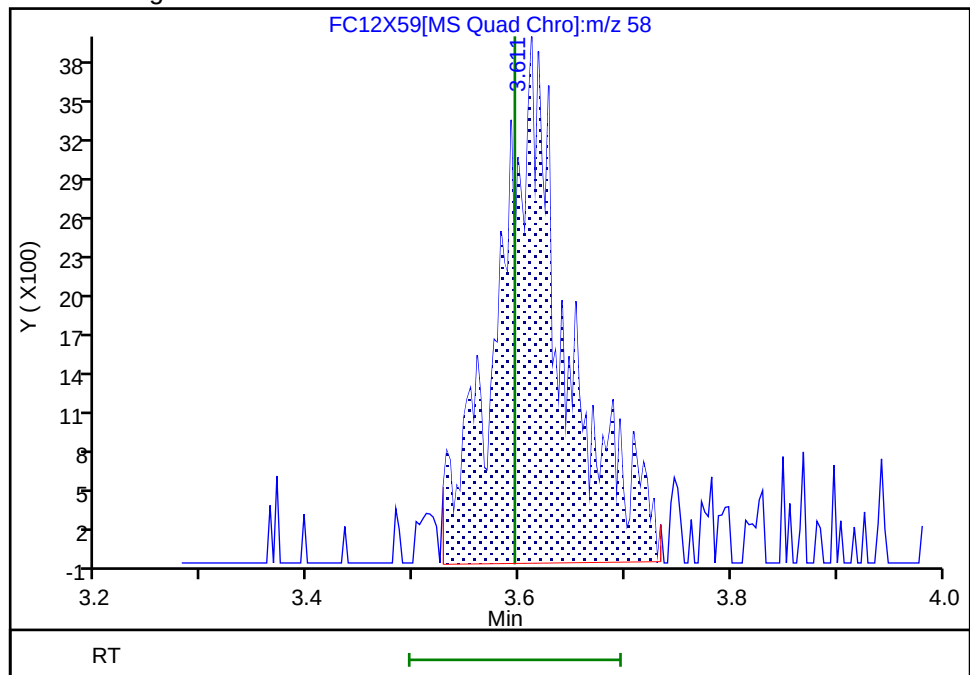
RT: 3.59
Area: 4870
Amount: 0.870976
Amount Units: ug/l

Processing Integration Results



RT: 3.61
Area: 17278
Amount: 3.090086
Amount Units: ug/l

Manual Integration Results



Reviewer: FQ4L, 13-Oct-2025 14:24:36 07:00:00 (UTC)

Audit Action: Manually Integrated

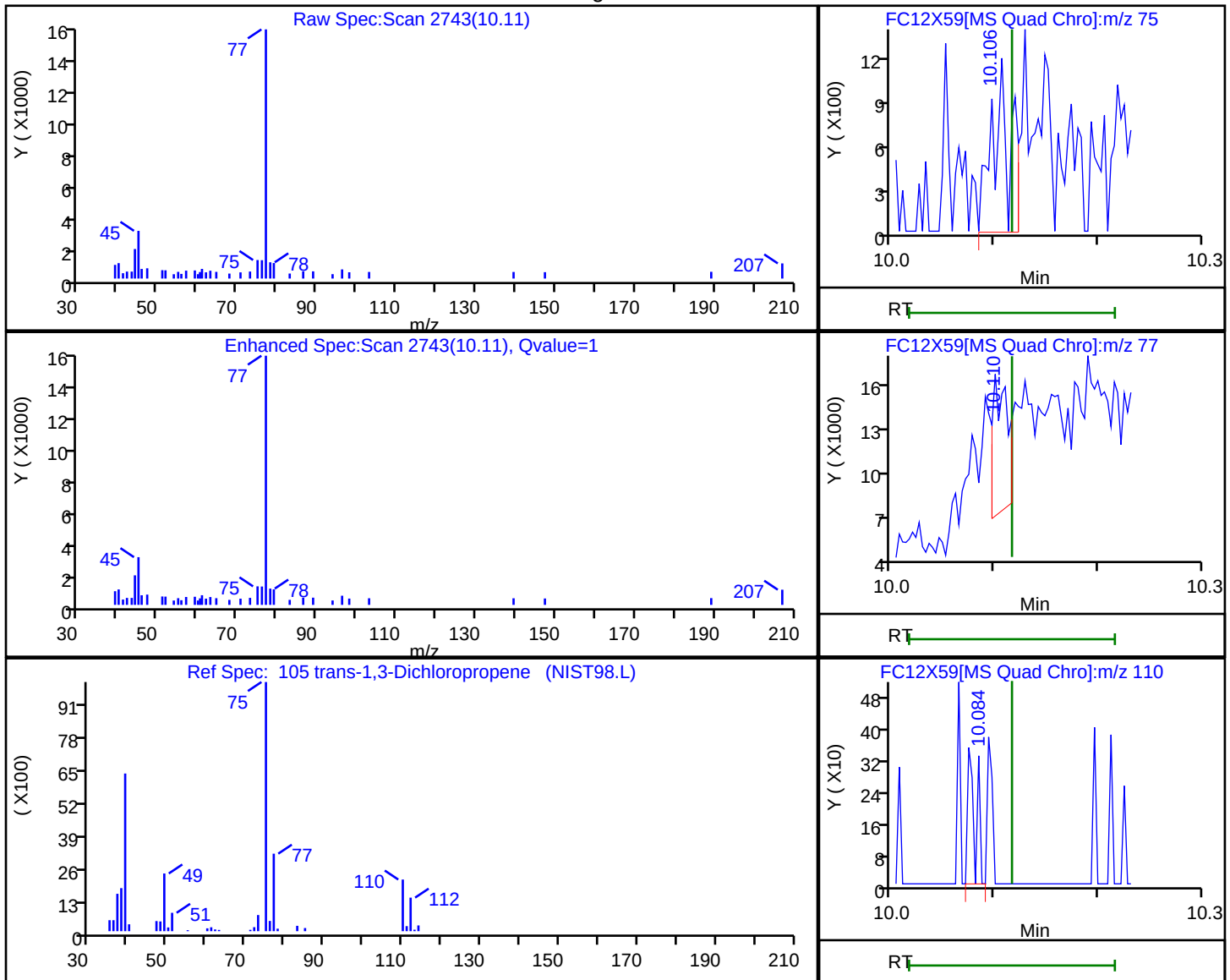
Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X59.D
Injection Date: 12-Oct-2025 23:26:37 Instrument ID: 15830
Lims ID: 410-244867-A-6 Lab Sample ID: 410-244867-6
Client ID: HD-QC2-0/1-4
Operator ID: AGD105956 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

105 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
10.11	75.00	1327	0.111811
10.11	77.00	9038	
10.08	110.00	183	
10.12	112.00	0	

Reviewer: FQ4L, 13-Oct-2025 14:24:50 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID: HD-MW-12-0/1-0

Lab Sample ID: 410-244867-7

Matrix: Water

Lab File ID: FC12X64.D

Analysis Method: 8260D

Date Collected: 09/30/2025 15:00

Sample wt/vol: 5 (mL)

Date Analyzed: 10/13/2025 01:20

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712734

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND	^c cn	10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50
67-64-1	Acetone	ND	^c cn	20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	74		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	3.2		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-12-0/1-0 Lab Sample ID: 410-244867-7

Matrix: Water Lab File ID: FC12X64.D

Analysis Method: 8260D Date Collected: 09/30/2025 15:00

Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2025 01:20

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 712734 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	58		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		80-120
460-00-4	4-Bromofluorobenzene (Surr)	89		80-120
1868-53-7	Dibromofluoromethane (Surr)	119		80-120
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X64.D
 Lims ID: 410-244867-A-7
 Client ID: HD-MW-12-0/1-0
 Sample Type: Client
 Inject. Date: 13-Oct-2025 01:20:34 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162872-013
 Operator ID: AGD105956 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 13-Oct-2025 14:06:11 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 14:09:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.129				ND	7
5 Vinyl chloride	62		2.242				ND	7
8 Bromomethane	94		2.589				ND	7
9 Chloroethane	64		2.676				ND	7
17 1,1-Dichloroethene	96		3.554				ND	7
19 Acetone	58		3.595				ND	7
23 Carbon disulfide	76		3.862				ND	7
26 Methylene Chloride	84		4.239				ND	
* 27 t-Butyl alcohol-d10 (IS)	65	4.309	4.274	0.035	99	2392237	250.0	
32 trans-1,2-Dichloroethene	96		4.640				ND	7
33 Methyl tert-butyl ether	73		4.650				ND	
35 1,1-Dichloroethane	63		5.316				ND	7
41 2-Butanone (MEK)	43		6.148				ND	7
42 cis-1,2-Dichloroethene	96	6.161	6.165	-0.004	83	1030418	74.1	
46 Chlorobromomethane	128		6.492				ND	
48 Chloroform	83		6.650				ND	
\$ 49 Dibromofluoromethane (Surr)	113	6.865	6.862	0.003	92	679831	59.5	
50 1,1,1-Trichloroethane	97		6.875				ND	7
53 Carbon tetrachloride	117		7.084				ND	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.322	7.328	-0.006	98	164438	55.1	
58 Benzene	78		7.354				ND	7
59 1,2-Dichloroethane	62		7.425				ND	7
* 61 Fluorobenzene (IS)	96	7.762	7.759	0.003	99	2120622	50.0	
64 Trichloroethene	95	8.238	8.238	0.000	98	617427	58.3	
66 1,2-Dichloropropane	63		8.576				ND	7
72 Dichlorobromomethane	83		8.930				ND	7
76 cis-1,3-Dichloropropene	75		9.473				ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.660				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.782	9.779	0.003	95	1898382	47.9	
80 Toluene	92		9.859				ND	7
105 trans-1,3-Dichloropropene	75		10.116				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 1,1,2-Trichloroethane	97		10.322				ND	7
108 Tetrachloroethene	166	10.396	10.402	-0.006	93	32793	3.25	
110 2-Hexanone	43		10.544				ND	7
111 Chlorodibromomethane	129		10.695				ND	
112 Ethylene Dibromide	107		10.804				ND	7
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	88	1400006	50.0	
S 116 Xylenes, Total	106		11.245				ND	7
115 Chlorobenzene	112		11.264				ND	7
117 1,1,1,2-Tetrachloroethane	131		11.348				ND	7
118 Ethylbenzene	91		11.351				ND	7
119 m-Xylene & p-Xylene	106		11.467				ND	7
120 o-Xylene	106		11.798				ND	7
121 Styrene	104		11.811				ND	
122 Bromoform	173		11.965				ND	7
\$ 126 4-Bromofluorobenzene (Surr)	95	12.245	12.241	0.004	89	637349	44.5	
127 1,1,2,2-Tetrachloroethane	83		12.348				ND	7
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.126	0.003	97	750680	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 13-Oct-2025 14:09:09

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X64.D

Injection Date: 13-Oct-2025 01:20:34

Instrument ID: 15830

Operator ID: AGD105956

Lims ID: 410-244867-A-7

Lab Sample ID: 410-244867-7

Worklist Smp#: 13

Client ID: HD-MW-12-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

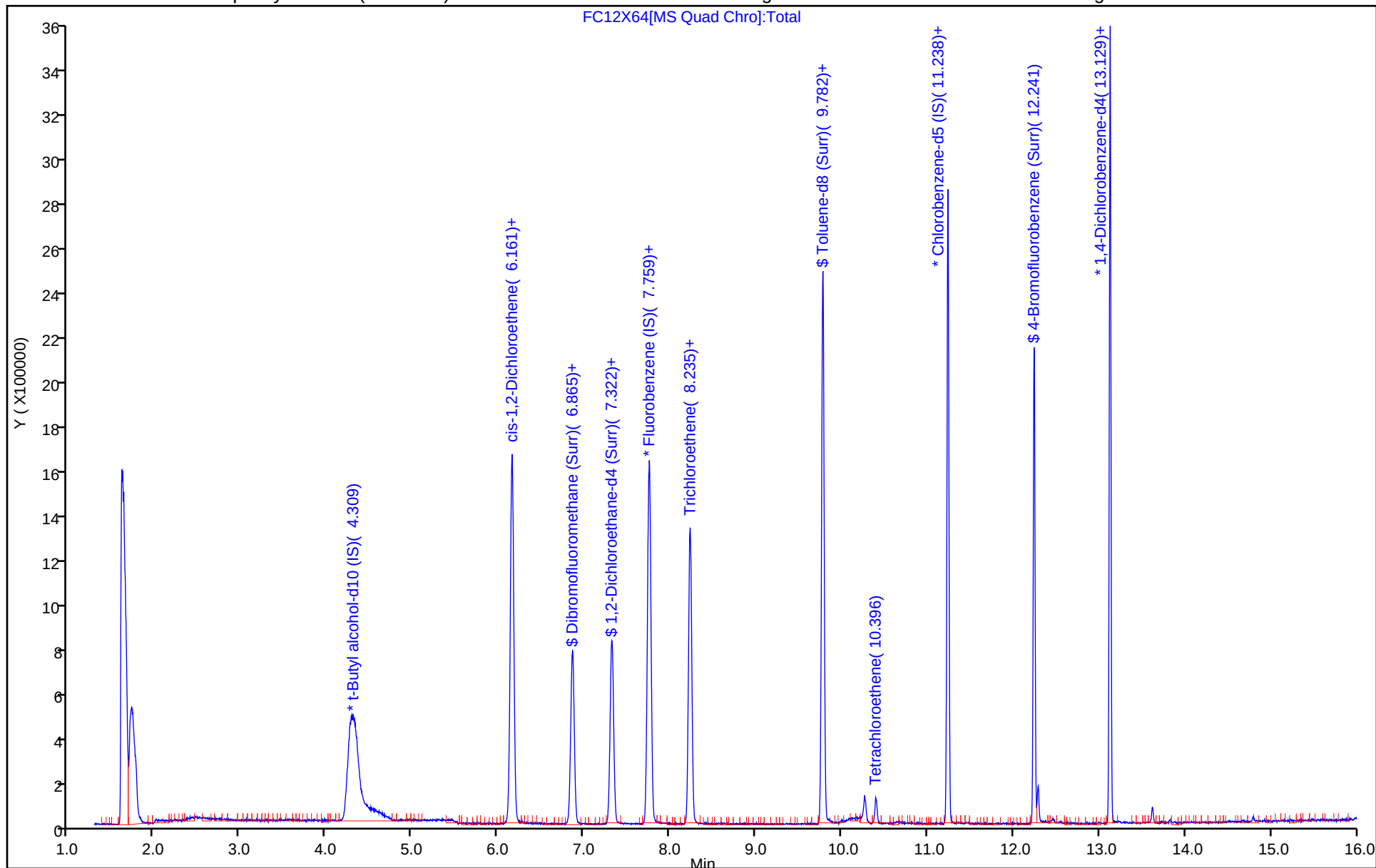
ALS Bottle#: 12

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X64.D
Lims ID: 410-244867-A-7
Client ID: HD-MW-12-0/1-0
Sample Type: Client
Inject. Date: 13-Oct-2025 01:20:34 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162872-013
Operator ID: AGD105956 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 13-Oct-2025 14:06:11 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 14:09:09

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	59.5	118.97
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	55.1	110.24
\$ 79 Toluene-d8 (Surr)	50.0	47.9	95.74
\$ 126 4-Bromofluorobenzene (Surr)	50.0	44.5	89.06

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X64.D

Injection Date: 13-Oct-2025 01:20:34

Instrument ID: 15830

Lims ID: 410-244867-A-7

Lab Sample ID: 410-244867-7

Client ID: HD-MW-12-0/1-0

Operator ID: AGD105956

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

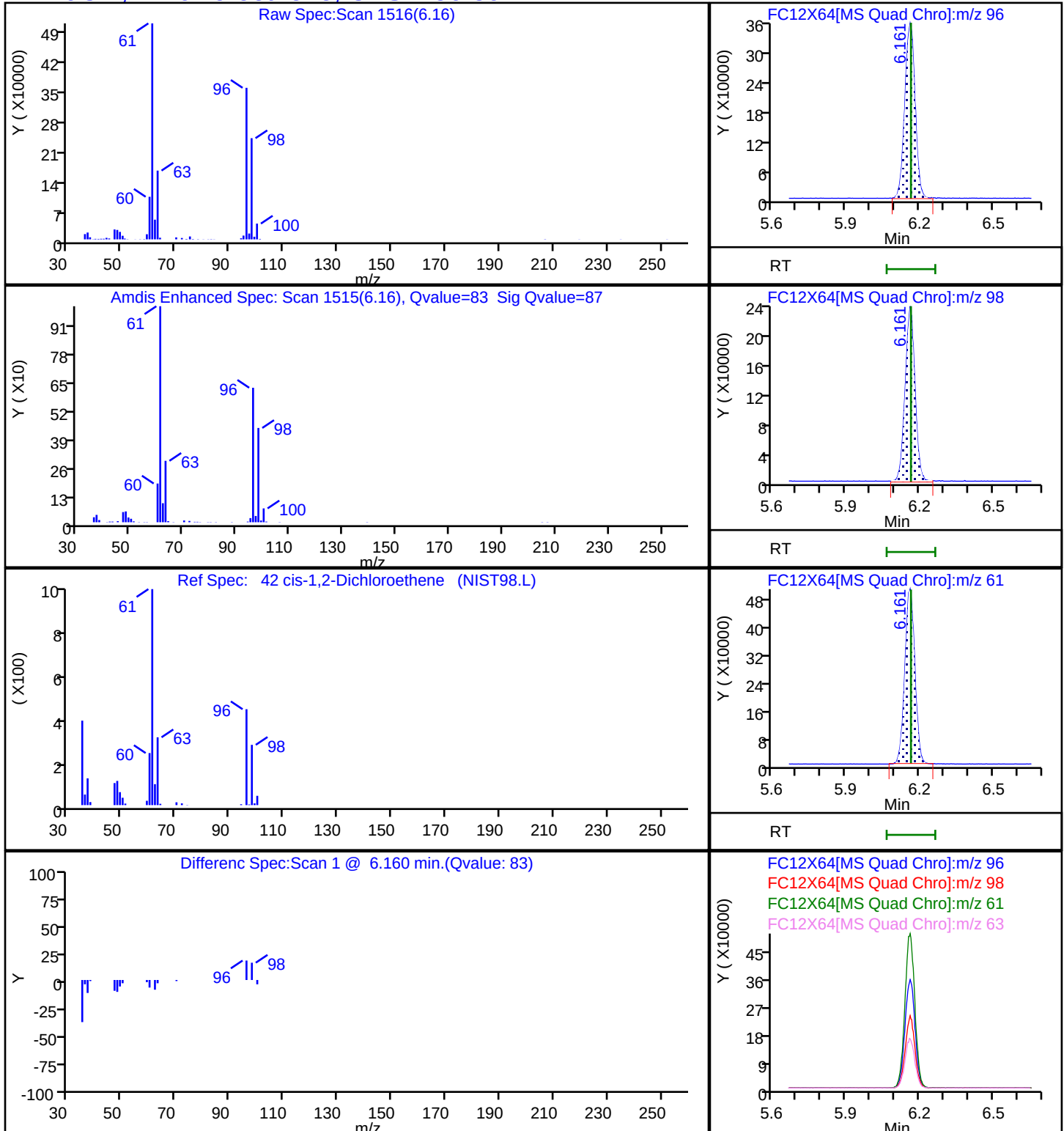
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

42 cis-1,2-Dichloroethene, CAS: 156-59-2

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X64.D

Injection Date: 13-Oct-2025 01:20:34

Instrument ID: 15830

Lims ID: 410-244867-A-7

Lab Sample ID: 410-244867-7

Client ID: HD-MW-12-0/1-0

Operator ID: AGD105956

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

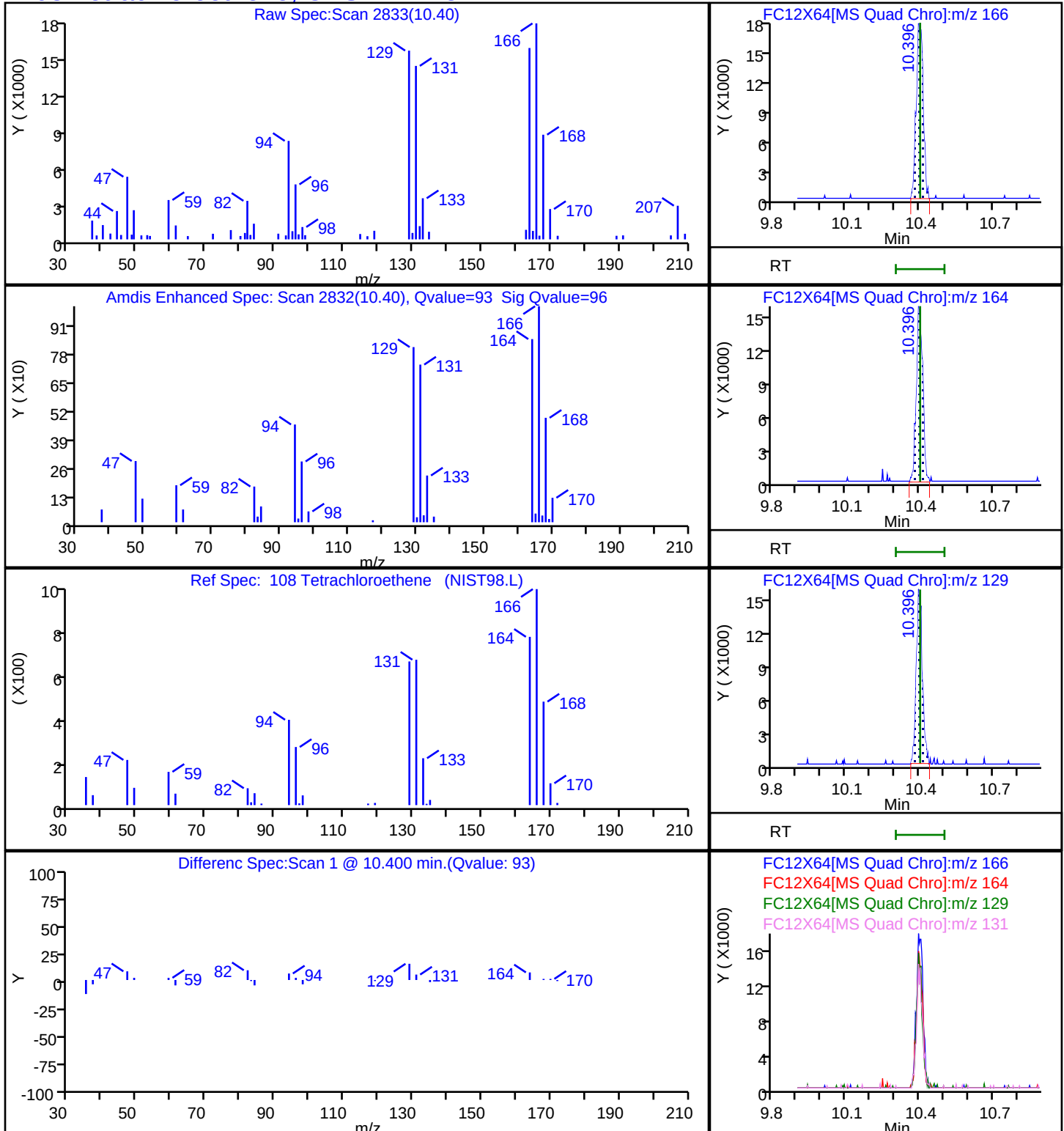
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

108 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X64.D

Injection Date: 13-Oct-2025 01:20:34

Instrument ID: 15830

Lims ID: 410-244867-A-7

Lab Sample ID: 410-244867-7

Client ID: HD-MW-12-0/1-0

Operator ID: AGD105956

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

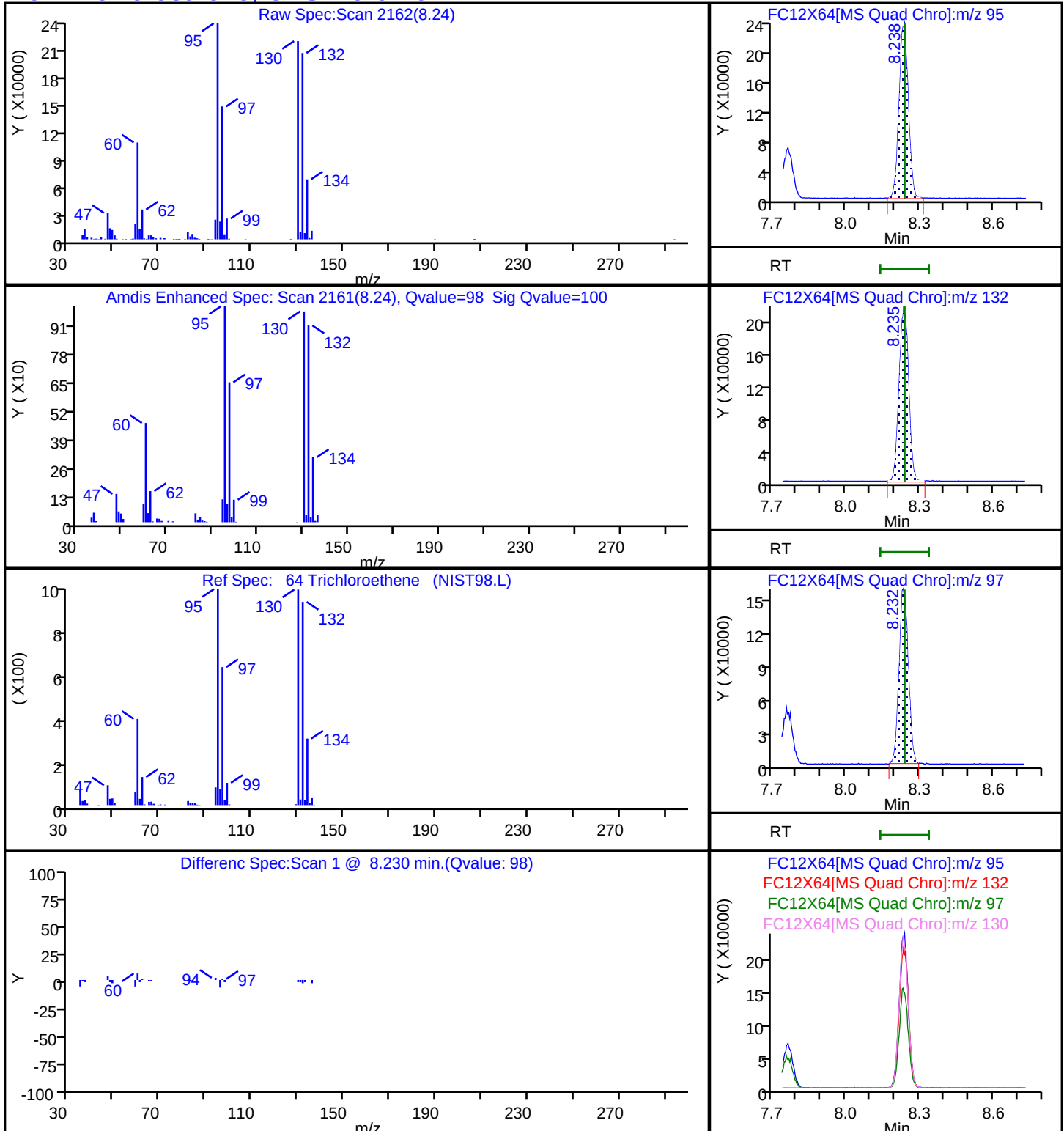
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

64 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID: HD-MW-18S-0/1-0

Lab Sample ID: 410-244867-8

Matrix: Water

Lab File ID: FC12X65.D

Analysis Method: 8260D

Date Collected: 09/30/2025 15:20

Sample wt/vol: 5 (mL)

Date Analyzed: 10/13/2025 01:43

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712734

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND	^c cn	10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50
67-64-1	Acetone	ND	^c cn	20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	0.30	J	5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	9.4		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-18S-0/1-0 Lab Sample ID: 410-244867-8

Matrix: Water Lab File ID: FC12X65.D

Analysis Method: 8260D Date Collected: 09/30/2025 15:20

Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2025 01:43

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 712734 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	1.2		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		80-120
460-00-4	4-Bromofluorobenzene (Surr)	88		80-120
1868-53-7	Dibromofluoromethane (Surr)	120		80-120
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X65.D
 Lims ID: 410-244867-A-8
 Client ID: HD-MW-18S-0/1-0
 Sample Type: Client
 Inject. Date: 13-Oct-2025 01:43:02 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162872-014
 Operator ID: AGD105956 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 13-Oct-2025 14:06:11 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 14:06:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.129				ND	7
5 Vinyl chloride	62	2.264	2.242	0.022	1	4612	0.1814	
8 Bromomethane	94		2.589				ND	7
9 Chloroethane	64		2.676				ND	7
17 1,1-Dichloroethene	96		3.554				ND	7
19 Acetone	58		3.595				ND	U
23 Carbon disulfide	76	3.869	3.862	0.007	29	12060	0.2999	M
26 Methylene Chloride	84		4.239				ND	7
* 27 t-Butyl alcohol-d10 (IS)	65	4.306	4.274	0.032	98	1873679	250.0	
32 trans-1,2-Dichloroethene	96		4.640				ND	7
33 Methyl tert-butyl ether	73		4.650				ND	7
35 1,1-Dichloroethane	63		5.316				ND	7
41 2-Butanone (MEK)	43		6.148				ND	U
42 cis-1,2-Dichloroethene	96	6.161	6.165	-0.004	83	127302	9.36	
46 Chlorobromomethane	128		6.492				ND	
48 Chloroform	83		6.650				ND	
\$ 49 Dibromofluoromethane (Surr)	113	6.865	6.862	0.003	93	669141	59.8	
50 1,1,1-Trichloroethane	97		6.875				ND	7
53 Carbon tetrachloride	117		7.084				ND	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.328	7.328	0.000	98	158979	54.5	
58 Benzene	78		7.354				ND	7
59 1,2-Dichloroethane	62		7.425				ND	7
* 61 Fluorobenzene (IS)	96	7.763	7.759	0.004	98	2074846	50.0	
64 Trichloroethene	95	8.238	8.238	0.000	75	12944	1.25	
66 1,2-Dichloropropane	63		8.576				ND	7
72 Dichlorobromomethane	83		8.930				ND	7
76 cis-1,3-Dichloropropene	75		9.473				ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.660				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.782	9.779	0.003	95	1905858	47.1	
80 Toluene	92		9.859				ND	7
105 trans-1,3-Dichloropropene	75		10.116				ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 1,1,2-Trichloroethane	97		10.322				ND	7
108 Tetrachloroethene	166		10.402				ND	
110 2-Hexanone	43		10.544				ND	7
111 Chlorodibromomethane	129		10.695				ND	
112 Ethylene Dibromide	107		10.804				ND	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	88	1427521	50.0	
S 116 Xylenes, Total	106		11.245				ND	7
115 Chlorobenzene	112		11.264				ND	7
117 1,1,1,2-Tetrachloroethane	131		11.348				ND	7
118 Ethylbenzene	91		11.351				ND	7
119 m-Xylene & p-Xylene	106		11.467				ND	
120 o-Xylene	106		11.798				ND	7
121 Styrene	104		11.811				ND	7
122 Bromoform	173		11.965				ND	7
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	86	640589	43.9	
127 1,1,2,2-Tetrachloroethane	83		12.348				ND	7
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.126	0.003	97	774358	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 13-Oct-2025 14:06:12

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X65.D

Injection Date: 13-Oct-2025 01:43:02

Instrument ID: 15830

Operator ID: AGD105956

Lims ID: 410-244867-A-8

Lab Sample ID: 410-244867-8

Worklist Smp#: 14

Client ID: HD-MW-18S-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

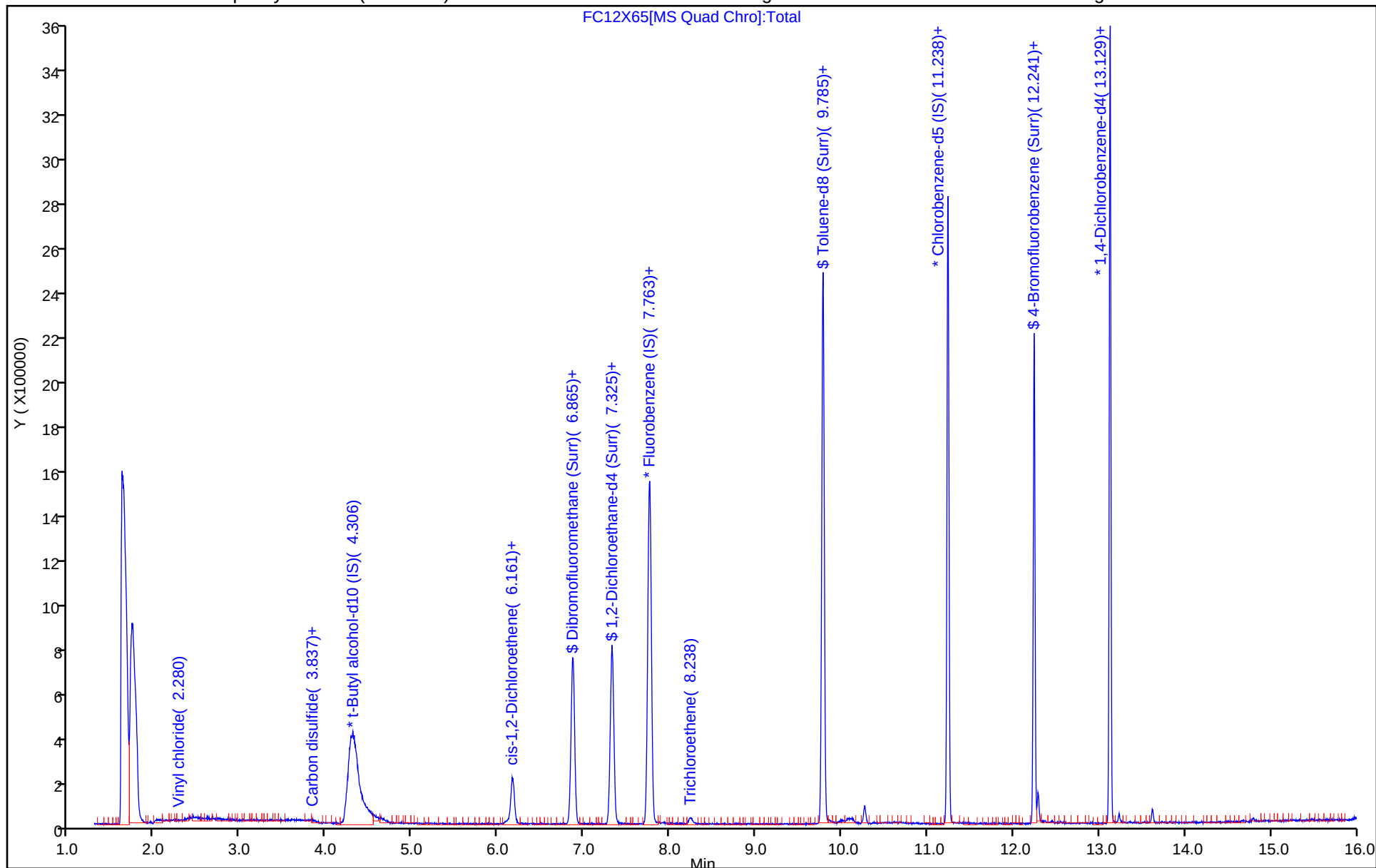
ALS Bottle#: 13

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X65.D
Lims ID: 410-244867-A-8
Client ID: HD-MW-18S-0/1-0
Sample Type: Client
Inject. Date: 13-Oct-2025 01:43:02 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162872-014
Operator ID: AGD105956 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 13-Oct-2025 14:06:11 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 14:06:11

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	59.8	119.68
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	54.5	108.93
\$ 79 Toluene-d8 (Surr)	50.0	47.1	94.27
\$ 126 4-Bromofluorobenzene (Surr)	50.0	43.9	87.79

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X65.D

Injection Date: 13-Oct-2025 01:43:02

Instrument ID: 15830

Lims ID: 410-244867-A-8

Lab Sample ID: 410-244867-8

Client ID: HD-MW-18S-0/1-0

Operator ID: AGD105956

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

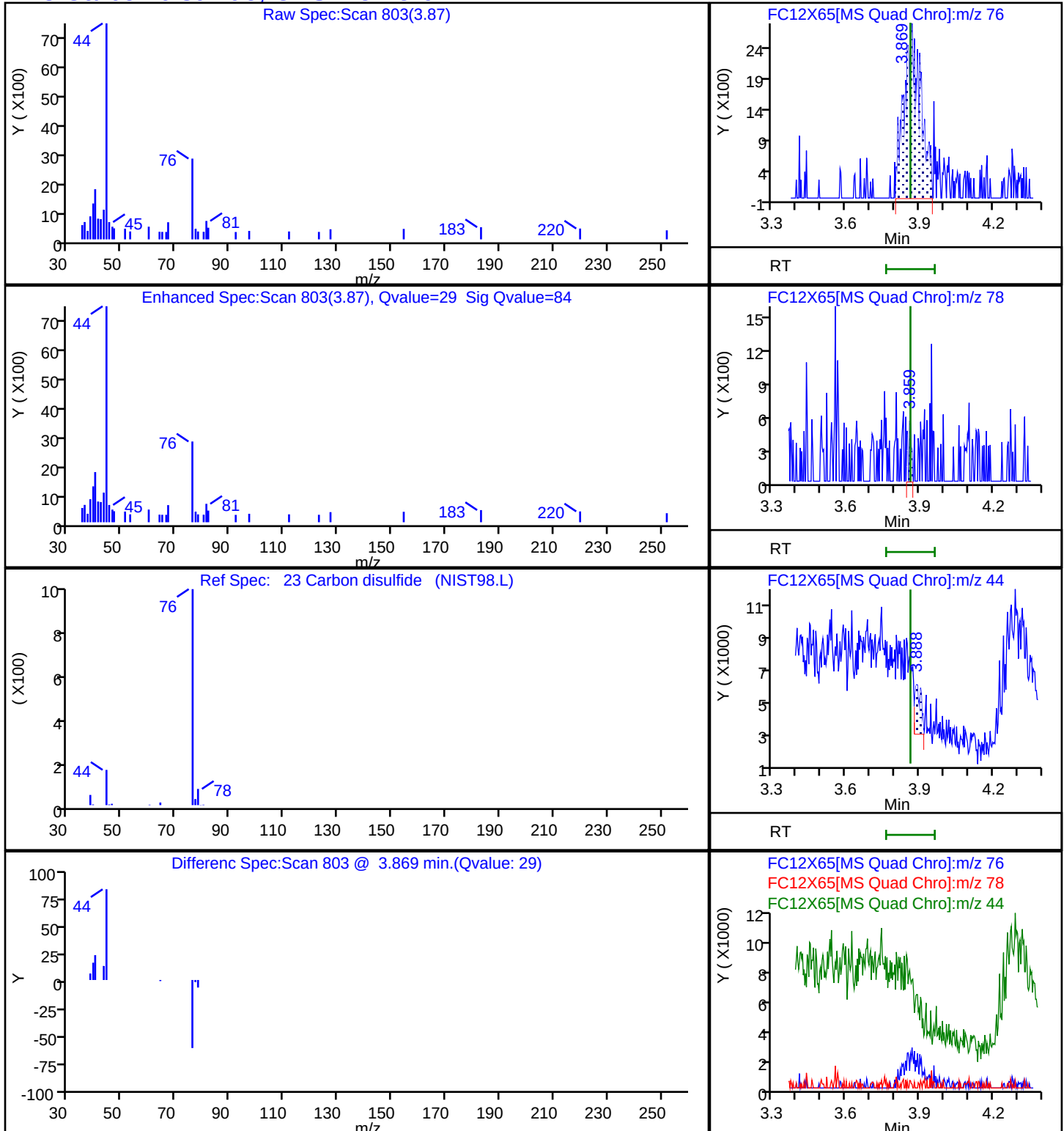
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

23 Carbon disulfide, CAS: 75-15-0

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X65.D

Injection Date: 13-Oct-2025 01:43:02

Instrument ID: 15830

Lims ID: 410-244867-A-8

Lab Sample ID: 410-244867-8

Client ID: HD-MW-18S-0/1-0

Operator ID: AGD105956

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

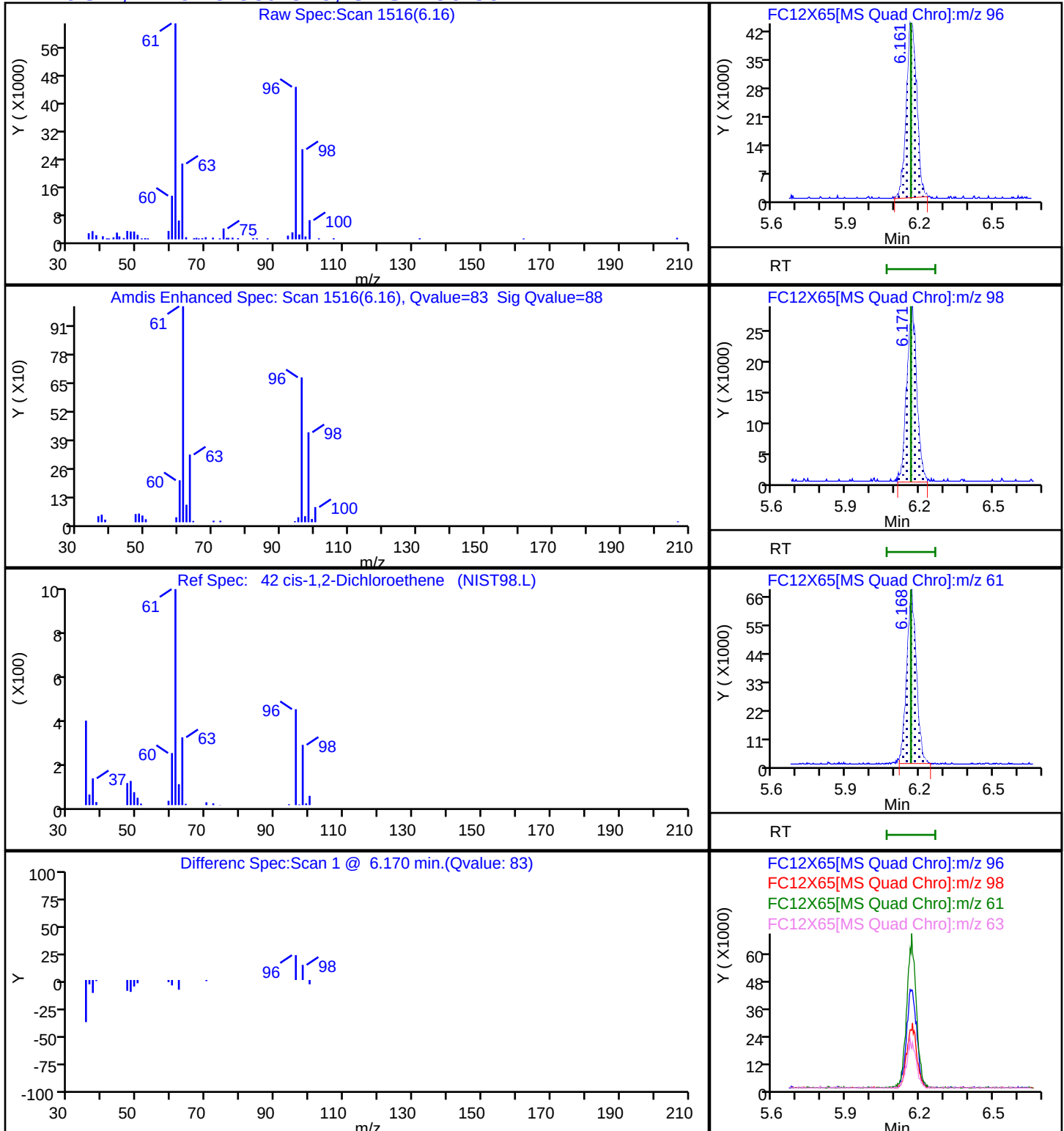
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

42 cis-1,2-Dichloroethene, CAS: 156-59-2

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X65.D

Injection Date: 13-Oct-2025 01:43:02

Instrument ID: 15830

Lims ID: 410-244867-A-8

Lab Sample ID: 410-244867-8

Client ID: HD-MW-18S-0/1-0

Operator ID: AGD105956

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

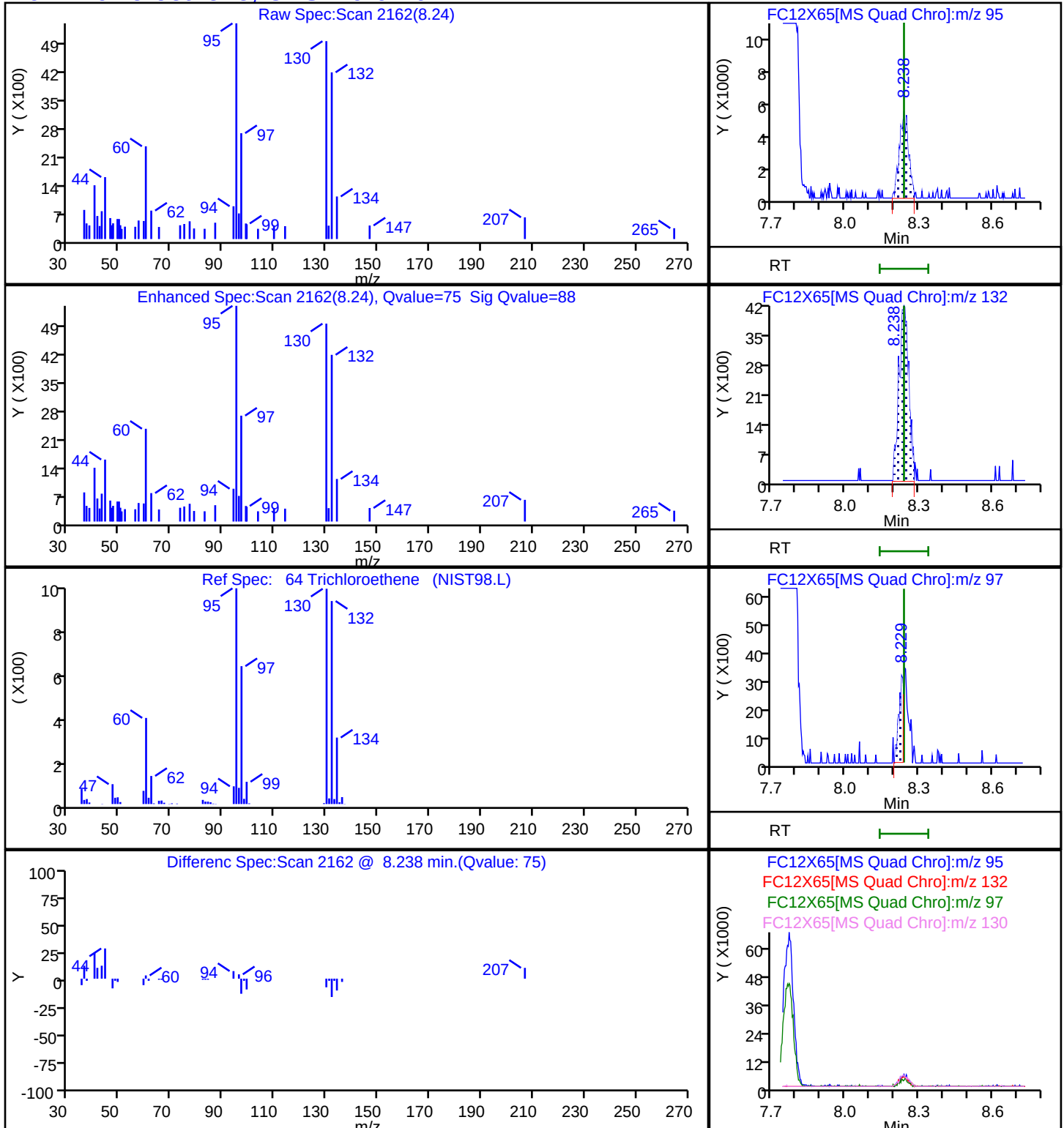
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

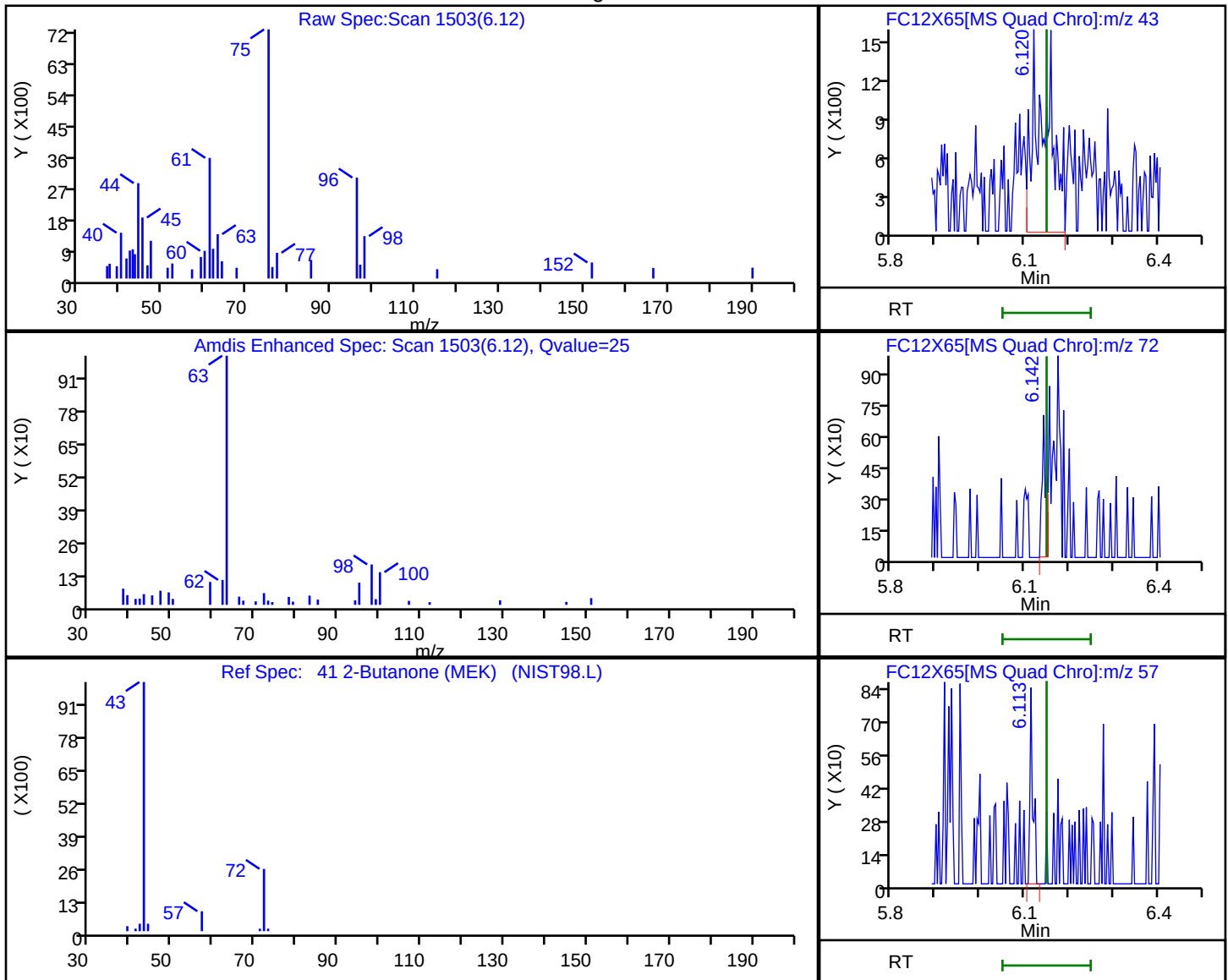
64 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X65.D
Injection Date: 13-Oct-2025 01:43:02 Instrument ID: 15830
Lims ID: 410-244867-A-8 Lab Sample ID: 410-244867-8
Client ID: HD-MW-18S-0/1-0
Operator ID: AGD105956 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

41 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
6.12	43.00	3652	0.277995
6.14	72.00	453	
6.11	57.00	394	

Reviewer: FQ4L, 13-Oct-2025 14:05:56 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X65.D

Injection Date: 13-Oct-2025 01:43:02

Instrument ID: 15830

Lims ID: 410-244867-A-8

Lab Sample ID: 410-244867-8

Client ID: HD-MW-18S-0/1-0

Operator ID: AGD105956

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

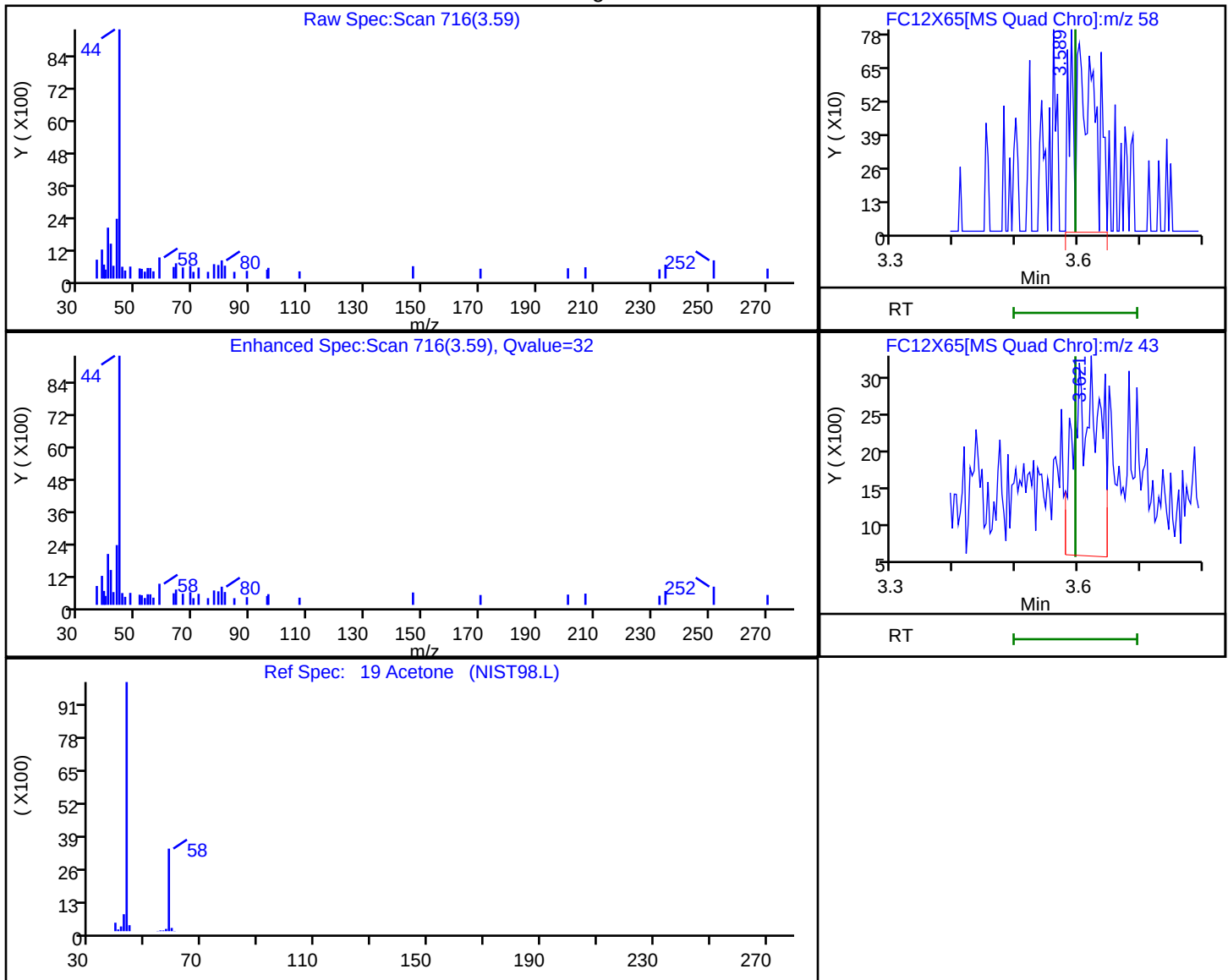
Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

19 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
3.59	58.00	1892	0.444690
3.62	43.00	7187	

Reviewer: FQ4L, 13-Oct-2025 14:05:29 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

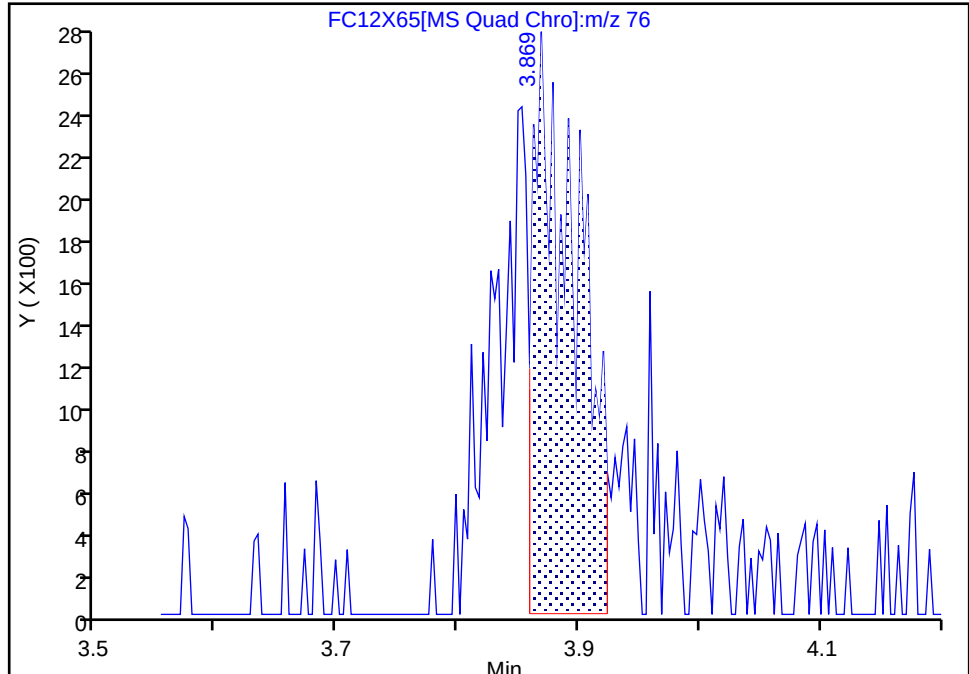
Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X65.D
Injection Date: 13-Oct-2025 01:43:02 Instrument ID: 15830
Lims ID: 410-244867-A-8 Lab Sample ID: 410-244867-8
Client ID: HD-MW-18S-0/1-0
Operator ID: AGD105956 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

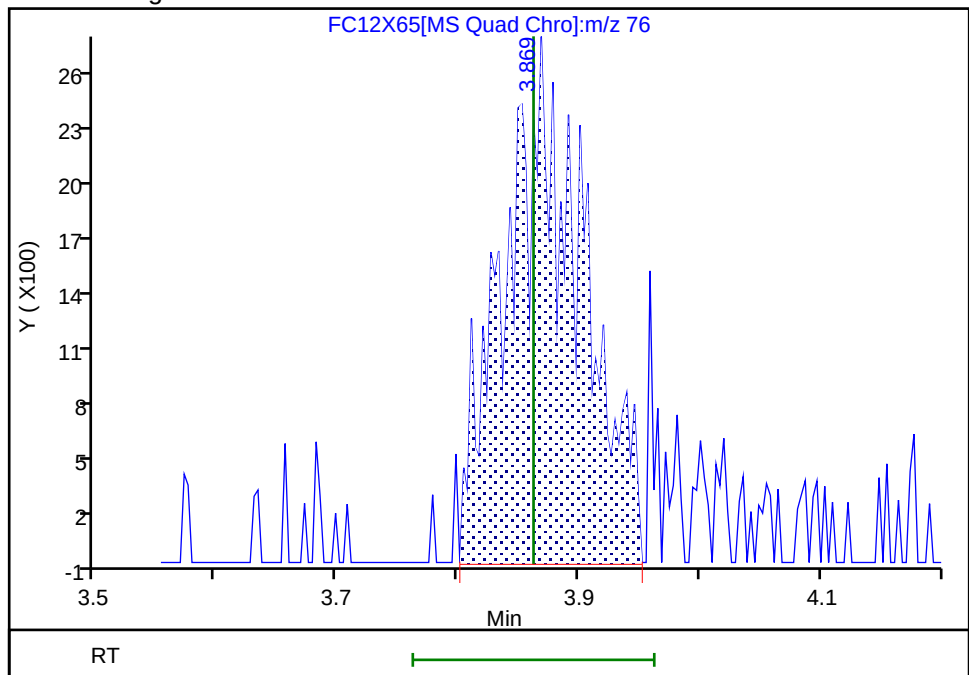
RT: 3.87
Area: 6689
Amount: 0.166344
Amount Units: ug/l

Processing Integration Results



RT: 3.87
Area: 12060
Amount: 0.299911
Amount Units: ug/l

Manual Integration Results



Reviewer: FQ4L, 13-Oct-2025 14:05:47 07:00:00 (UTC)

Audit Action: Manually Integrated

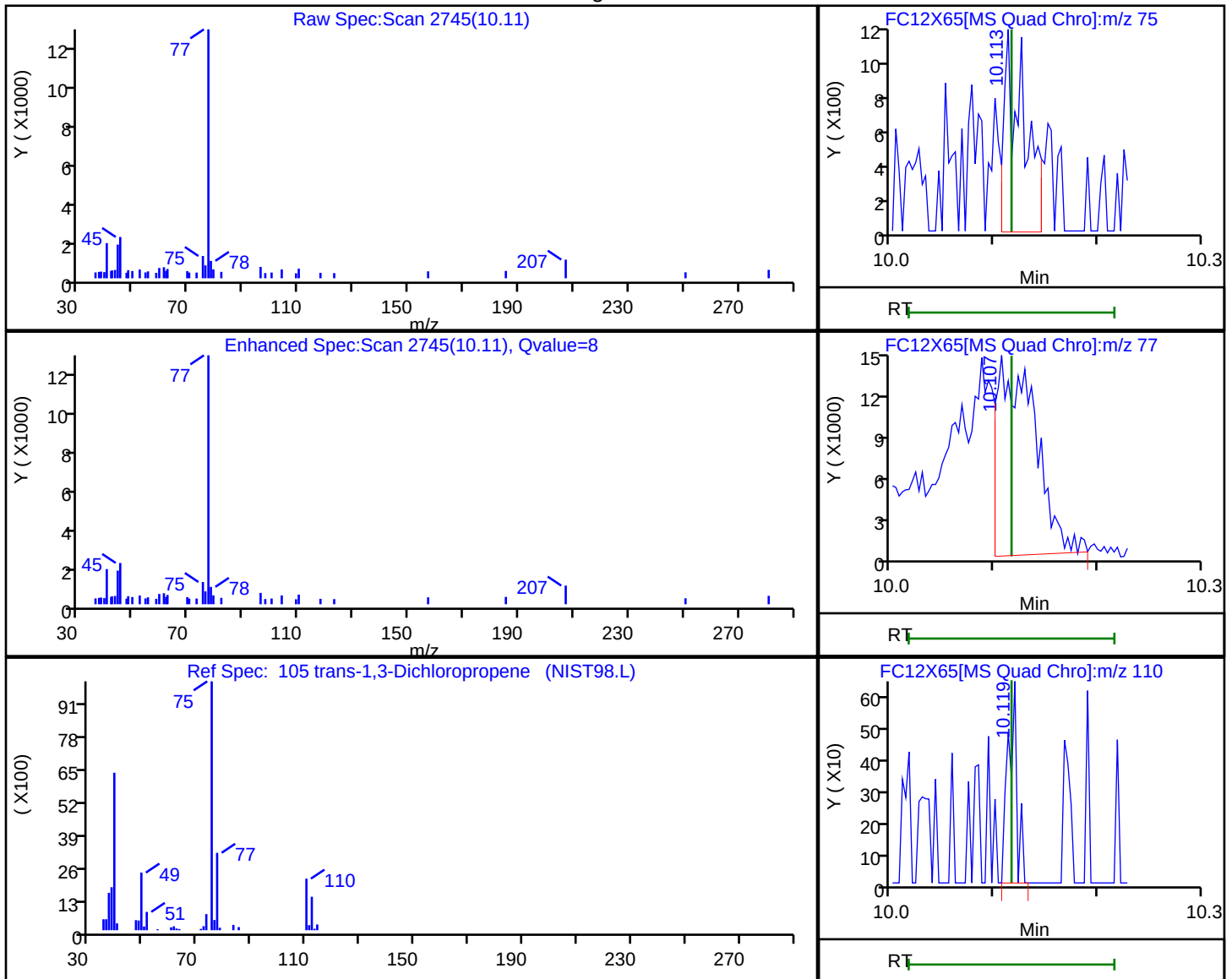
Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X65.D
Injection Date: 13-Oct-2025 01:43:02 Instrument ID: 15830
Lims ID: 410-244867-A-8 Lab Sample ID: 410-244867-8
Client ID: HD-MW-18S-0/1-0
Operator ID: AGD105956 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

105 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
10.11	75.00	1476	0.126950
10.11	77.00	34655	
10.12	110.00	388	
10.12	112.00	0	

Reviewer: FQ4L, 13-Oct-2025 14:06:04 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID: HD-MW-20S-0/1-0

Lab Sample ID: 410-244867-9

Matrix: Water

Lab File ID: 5C13X16.D

Analysis Method: 8260D

Date Collected: 09/30/2025 08:50

Sample wt/vol: 5(mL)

Date Analyzed: 10/13/2025 14:25

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712926

Units: ug/L

Preparation Batch No.:

Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	0.52	J	1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	2.5		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-20S-0/1-0 Lab Sample ID: 410-244867-9

Matrix: Water Lab File ID: 5C13X16.D

Analysis Method: 8260D Date Collected: 09/30/2025 08:50

Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2025 14:25

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 712926 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	7.1		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	111		80-120
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X16.D
 Lims ID: 410-244867-B-9 RA
 Client ID: HD-MW-20S-0/1-0
 Sample Type: Client
 Inject. Date: 13-Oct-2025 14:25:30 ALS Bottle#: 14 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162928-017
 Operator ID: knk41612 Instrument ID: 26285
 Method: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 14-Oct-2025 07:58:24 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1602

First Level Reviewer: N9NA

Date: 14-Oct-2025 07:58:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		1.756				ND	
6 Vinyl chloride	62		1.823				ND	
10 Bromomethane	94		2.104				ND	
11 Chloroethane	64		2.177				ND	
19 1,1-Dichloroethene	96		2.878				ND	
20 Acetone	58		2.914				ND	
24 Carbon disulfide	76		3.134				ND	
29 Methylene Chloride	84		3.439				ND	
* 30 t-Butyl alcohol-d10 (IS)	65	3.469	3.439	0.030	53	319395	250.0	
33 trans-1,2-Dichloroethene	96		3.774				ND	
34 Methyl tert-butyl ether	73		3.780				ND	
37 1,1-Dichloroethane	63		4.396				ND	
42 2-Butanone (MEK)	43		5.255				ND	
43 cis-1,2-Dichloroethene	96		5.268				ND	U
49 Chlorobromomethane	128		5.609				ND	
51 Chloroform	83	5.780	5.774	0.006	63	4715	0.5163	a
\$ 53 Dibromofluoromethane (Surr)	113	6.006	5.999	0.007	93	299898	55.7	
52 1,1,1-Trichloroethane	97		6.005				ND	
56 Carbon tetrachloride	117		6.213				ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.463	6.463	0.000	49	62858	53.7	
60 Benzene	78		6.487				ND	
61 1,2-Dichloroethane	62		6.566				ND	
* 64 Fluorobenzene (IS)	96	6.914	6.908	0.006	99	1004017	50.0	
67 Trichloroethene	95	7.408	7.408	0.000	97	37074	7.08	
70 1,2-Dichloropropane	63		7.743				ND	
77 Dichlorobromomethane	83		8.115				ND	
81 cis-1,3-Dichloropropene	75		8.688				ND	
82 4-Methyl-2-pentanone (MIBK)	43		8.889				ND	
\$ 84 Toluene-d8 (Surr)	98	9.023	9.023	0.000	94	909440	50.4	
86 Toluene	92		9.108				ND	
87 trans-1,3-Dichloropropene	75		9.419				ND	
89 1,1,2-Trichloroethane	97		9.639				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
90 Tetrachloroethene	166	9.718	9.718	0.000	96	12884	2.51	
93 2-Hexanone	43		9.889				ND	
102 Chlorodibromomethane	129		10.041				ND	
104 Ethylene Dibromide	107		10.151				ND	
* 112 Chlorobenzene-d5 (IS)	117	10.620	10.620	0.000	87	682151	50.0	
114 Chlorobenzene	112		10.645				ND	
133 1,1,1,2-Tetrachloroethane	131		10.736				ND	
134 Ethylbenzene	91		10.742				ND	
135 m-Xylene & p-Xylene	106		10.870				ND	
138 o-Xylene	106		11.212				ND	
139 Styrene	104		11.230				ND	
S 137 Xylenes, Total	106		11.245				ND	7
141 Bromoform	173		11.382				ND	7
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	95	322116	48.7	
148 1,1,2,2-Tetrachloroethane	83		11.791				ND	
* 165 1,4-Dichlorobenzene-d4	152	12.584	12.583	0.001	95	435335	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

a - User Assigned ID

Reagents:

MSV_Cent_ISSS_00043

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 14-Oct-2025 07:58:25

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X16.D

Injection Date: 13-Oct-2025 14:25:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: 410-244867-B-9 RA

Lab Sample ID: 410-244867-9

Worklist Smp#: 17

Client ID: HD-MW-20S-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

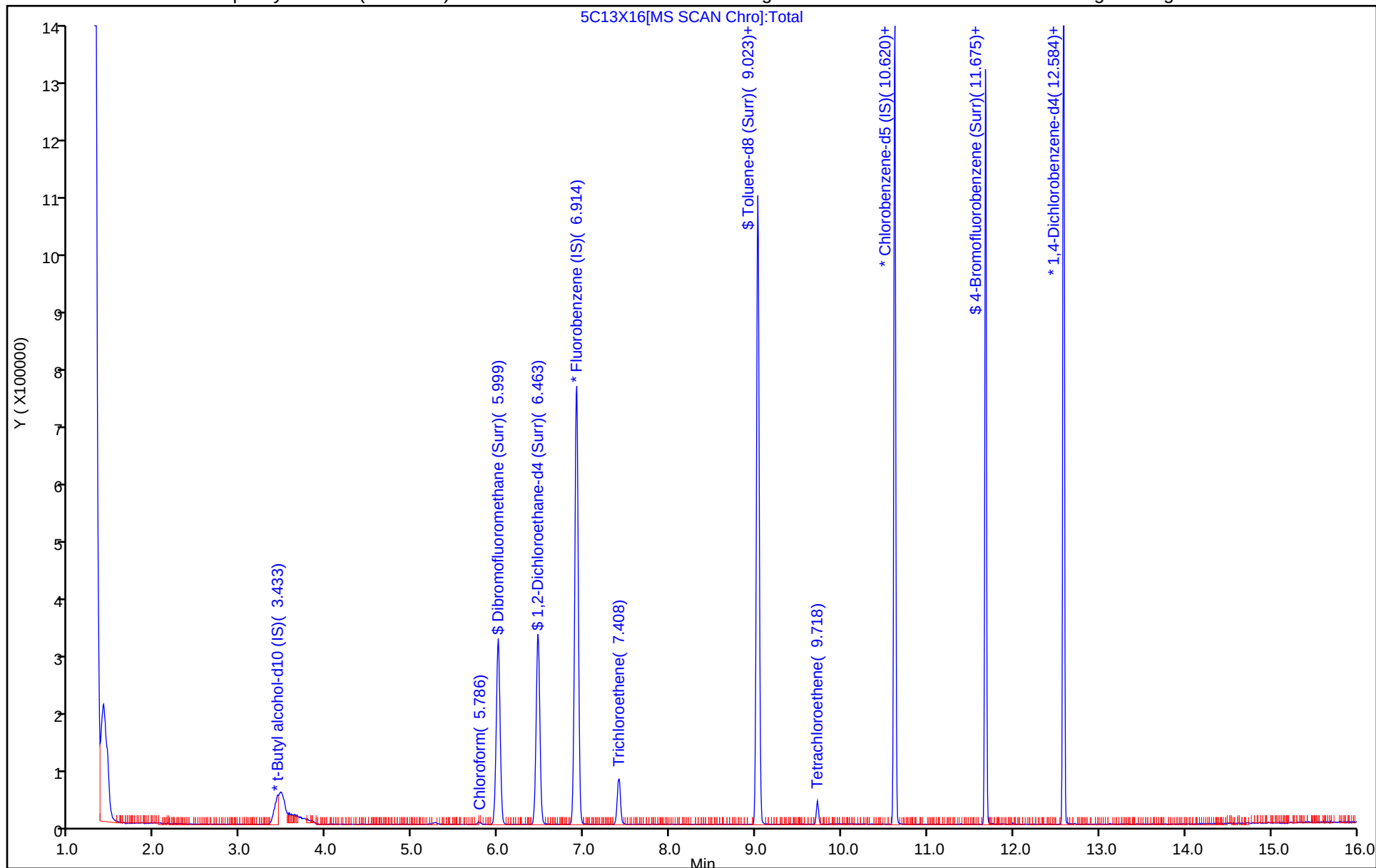
ALS Bottle#: 14

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X16.D
Lims ID: 410-244867-B-9 RA
Client ID: HD-MW-20S-0/1-0
Sample Type: Client
Inject. Date: 13-Oct-2025 14:25:30 ALS Bottle#: 14 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162928-017
Operator ID: knk41612 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 14-Oct-2025 07:58:24 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1602

First Level Reviewer: N9NA

Date: 14-Oct-2025 07:58:24

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	55.7	111.35
\$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	53.7	107.39
\$ 84 Toluene-d8 (Surr)	50.0	50.4	100.82
\$ 145 4-Bromofluorobenzene (Surr)	50.0	48.7	97.41

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X16.D

Injection Date: 13-Oct-2025 14:25:30

Instrument ID: 26285

Lims ID: 410-244867-B-9 RA

Lab Sample ID: 410-244867-9

Client ID: HD-MW-20S-0/1-0

Operator ID: knk41612

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 5.000 mL

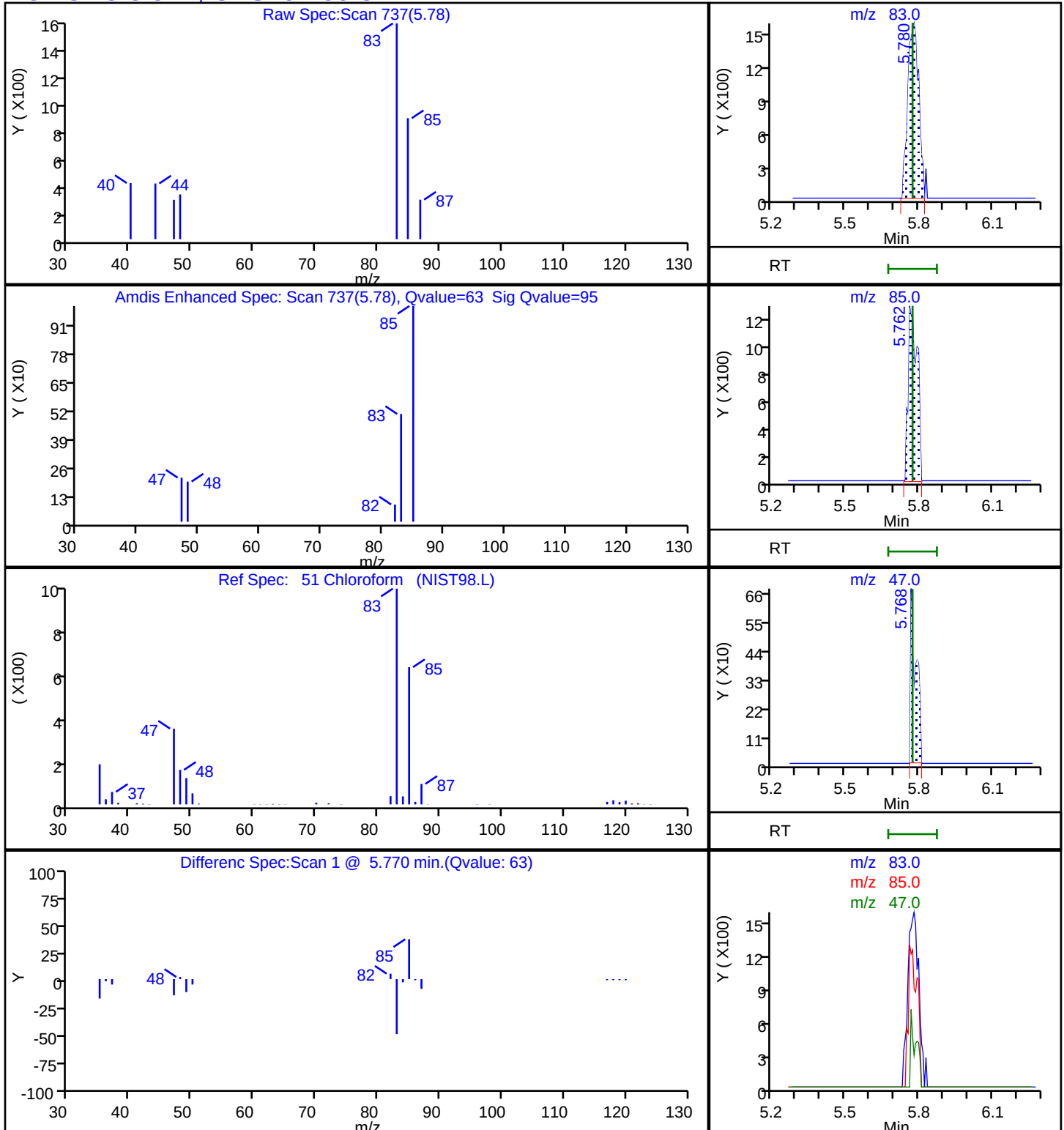
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

51 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X16.D

Injection Date: 13-Oct-2025 14:25:30

Instrument ID: 26285

Lims ID: 410-244867-B-9 RA

Lab Sample ID: 410-244867-9

Client ID: HD-MW-20S-0/1-0

Operator ID: knk41612

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 5.000 mL

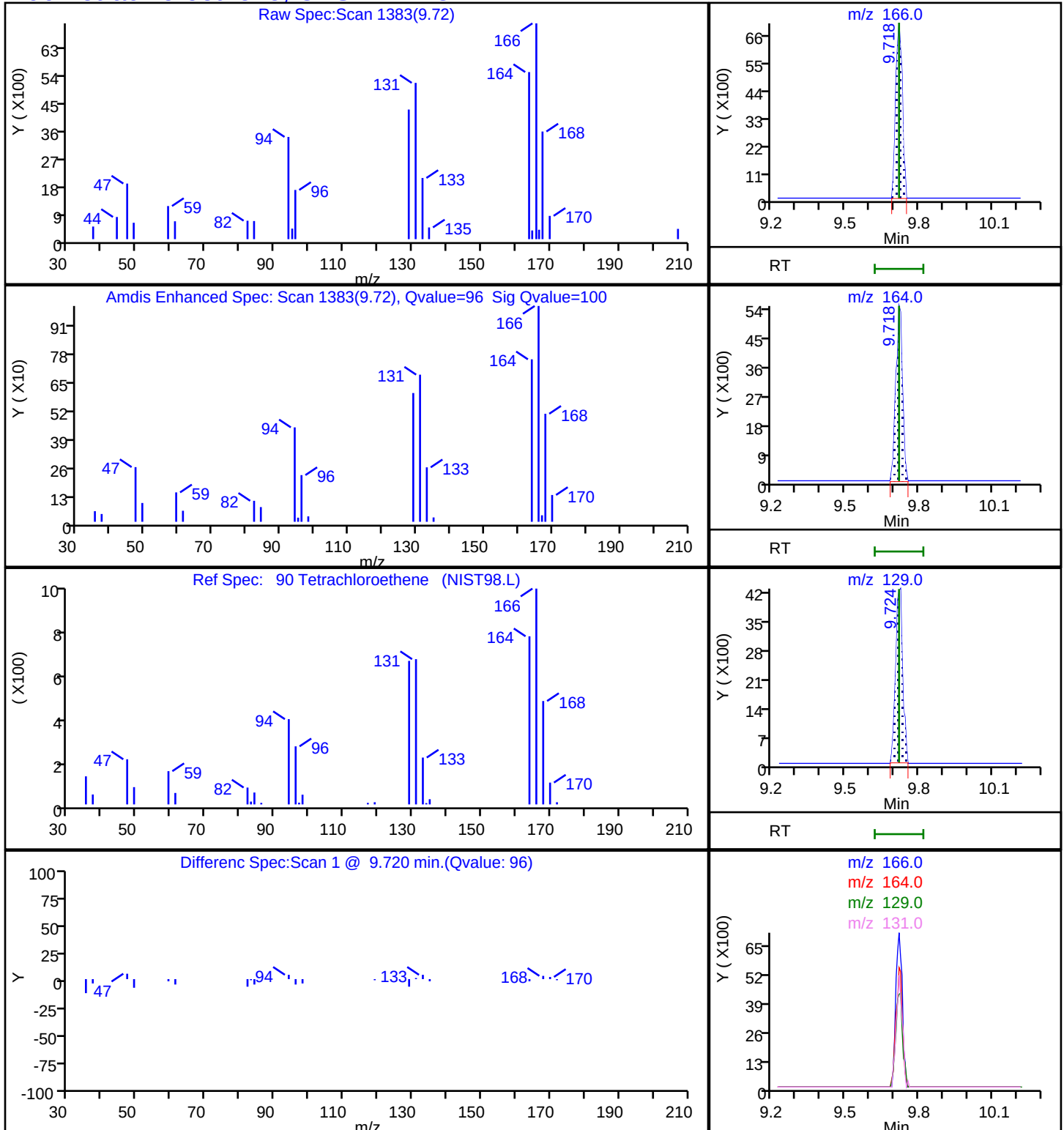
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

90 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X16.D

Injection Date: 13-Oct-2025 14:25:30

Instrument ID: 26285

Lims ID: 410-244867-B-9 RA

Lab Sample ID: 410-244867-9

Client ID: HD-MW-20S-0/1-0

Operator ID: knk41612

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 5.000 mL

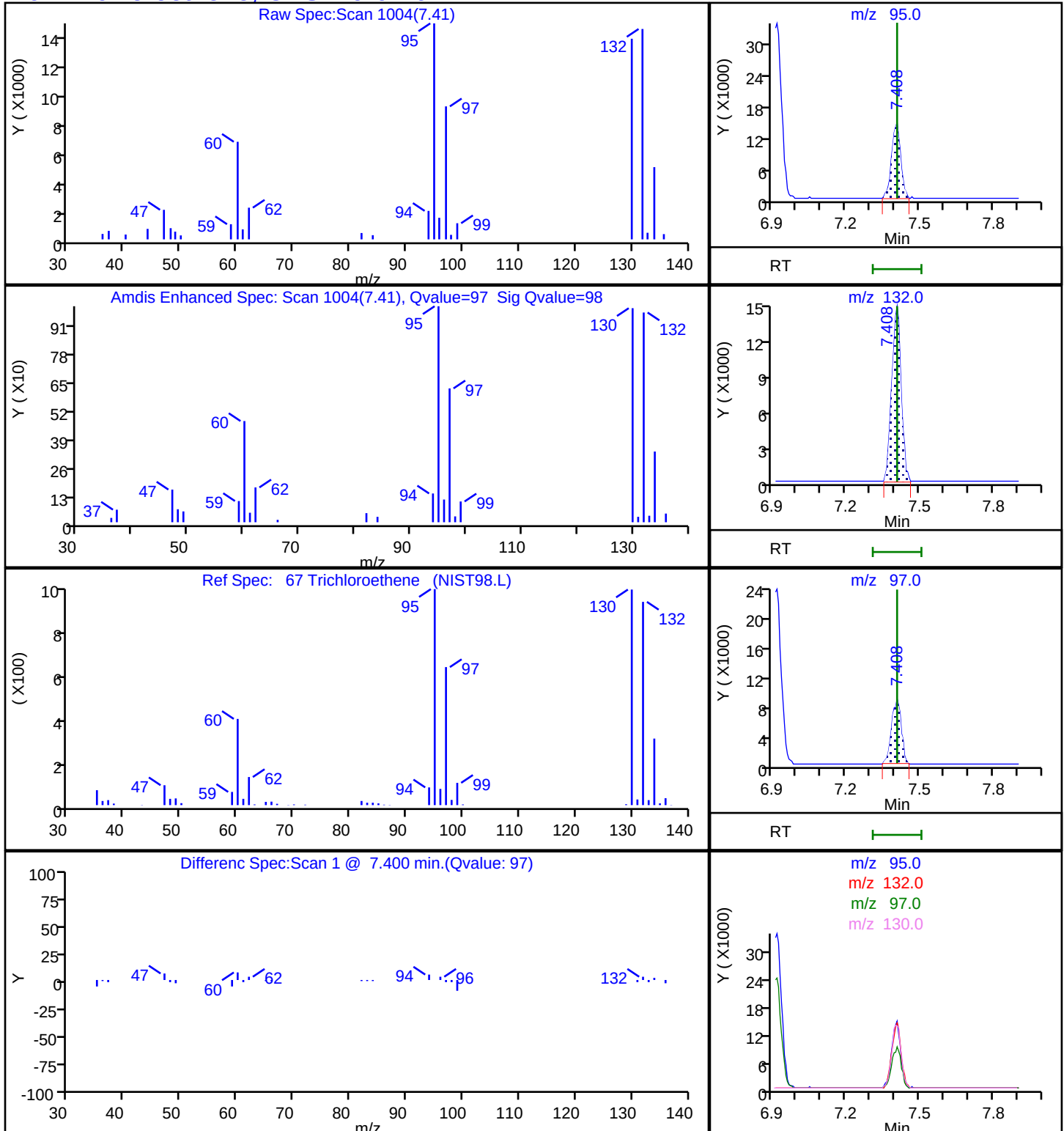
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

67 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

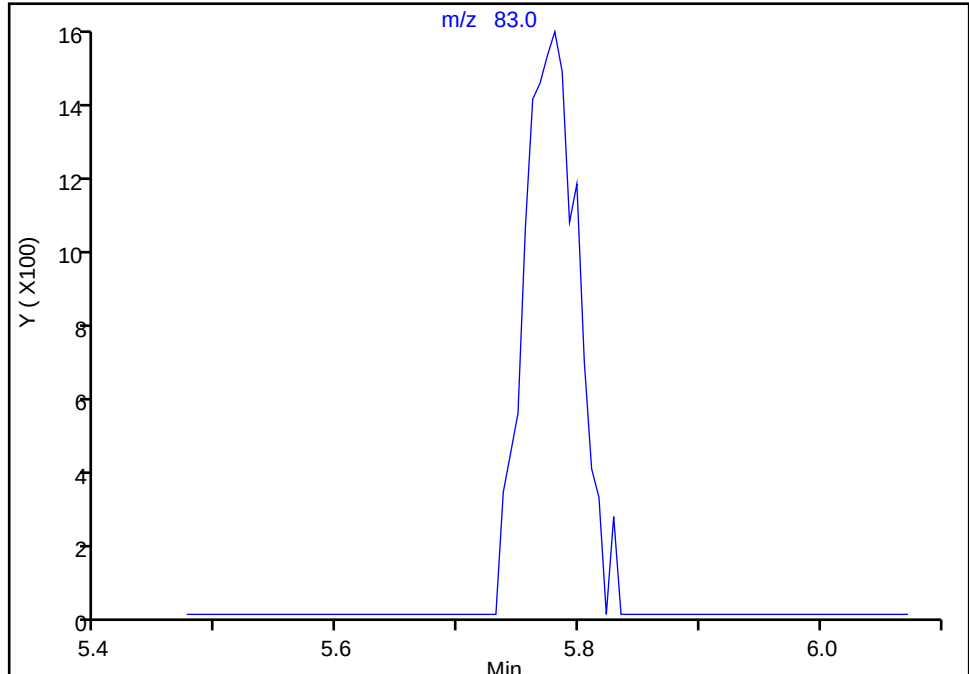
Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X16.D
Injection Date: 13-Oct-2025 14:25:30 Instrument ID: 26285
Lims ID: 410-244867-B-9 RA Lab Sample ID: 410-244867-9
Client ID: HD-MW-20S-0/1-0
Operator ID: knk41612 ALS Bottle#: 14 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

51 Chloroform, CAS: 67-66-3

Signal: 1

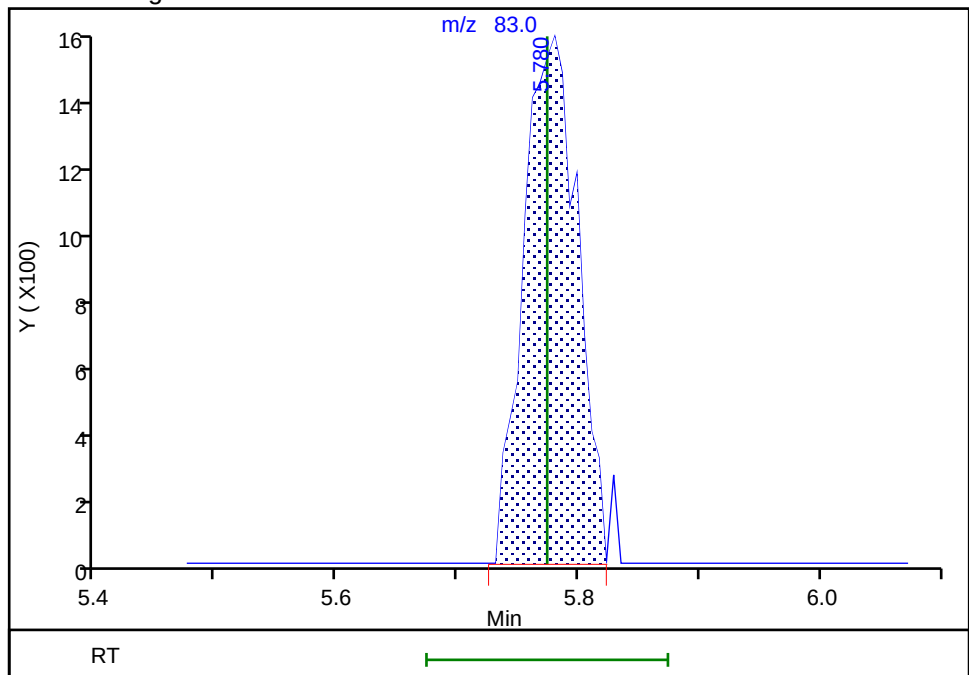
Not Detected
Expected RT: 5.77

Processing Integration Results



RT: 5.78
Area: 4715
Amount: 0.516258
Amount Units: ug/l

Manual Integration Results



Reviewer: N9NA, 14-Oct-2025 07:58:14 07:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X16.D

Injection Date: 13-Oct-2025 14:25:30

Instrument ID: 26285

Lims ID: 410-244867-B-9 RA

Lab Sample ID: 410-244867-9

Client ID: HD-MW-20S-0/1-0

Operator ID: knk41612

ALS Bottle#:

14

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: MSVoa_26285a

Limit Group:

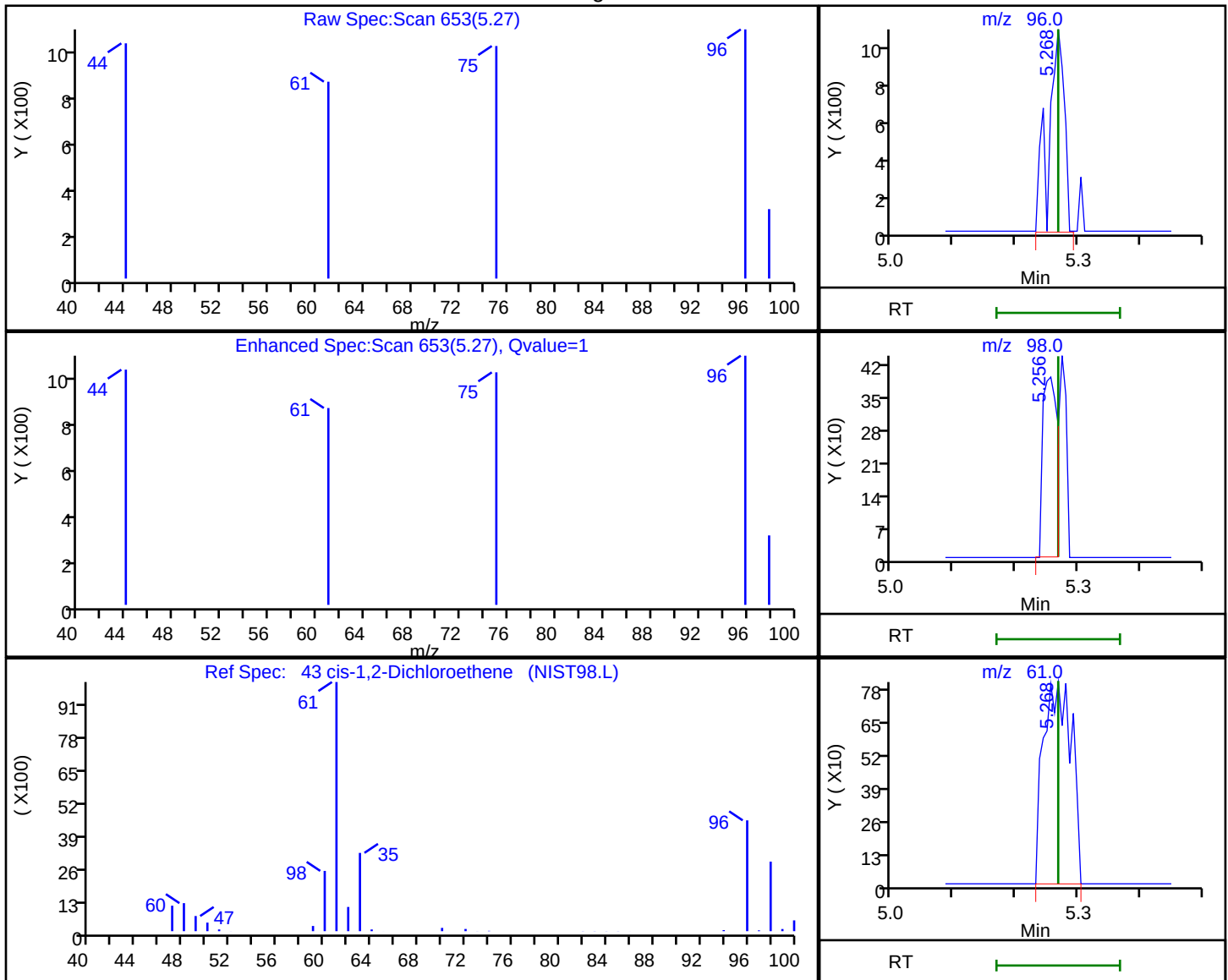
MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

43 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
5.27	96.00	1789	0.332305
5.26	98.00	638	
5.27	61.00	2532	
5.27	63.00	0	

Reviewer: N9NA, 14-Oct-2025 07:58:05 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID: HD-CW-2-0/1-0

Lab Sample ID: 410-244867-10

Matrix: Water

Lab File ID: FC12X67.D

Analysis Method: 8260D

Date Collected: 09/30/2025 12:32

Sample wt/vol: 5 (mL)

Date Analyzed: 10/13/2025 02:28

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712734

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND	^c cn	10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50
67-64-1	Acetone	ND	^c cn	20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	1.0		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	0.88	J	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-CW-2-0/1-0 Lab Sample ID: 410-244867-10

Matrix: Water Lab File ID: FC12X67.D

Analysis Method: 8260D Date Collected: 09/30/2025 12:32

Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2025 02:28

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 712734 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	3.7		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		80-120
460-00-4	4-Bromofluorobenzene (Surr)	90		80-120
1868-53-7	Dibromofluoromethane (Surr)	118		80-120
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X67.D
 Lims ID: 410-244867-A-10
 Client ID: HD-CW-2-0/1-0
 Sample Type: Client
 Inject. Date: 13-Oct-2025 02:28:18 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162872-016
 Operator ID: AGD105956 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 13-Oct-2025 14:02:49 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 14:02:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.129				ND	7
5 Vinyl chloride	62		2.242				ND	7
8 Bromomethane	94		2.589				ND	U
9 Chloroethane	64		2.676				ND	7
17 1,1-Dichloroethene	96		3.554				ND	7
19 Acetone	58	3.602	3.595	0.007	34	1843	0.4386	
23 Carbon disulfide	76		3.862				ND	7
26 Methylene Chloride	84		4.239				ND	
* 27 t-Butyl alcohol-d10 (IS)	65	4.293	4.274	0.019	93	1850526	250.0	
32 trans-1,2-Dichloroethene	96		4.640				ND	7
33 Methyl tert-butyl ether	73		4.650				ND	7
35 1,1-Dichloroethane	63		5.316				ND	7
41 2-Butanone (MEK)	43		6.148				ND	7
42 cis-1,2-Dichloroethene	96	6.161	6.165	-0.004	83	14137	1.03	
46 Chlorobromomethane	128		6.492				ND	
48 Chloroform	83		6.650				ND	7
\$ 49 Dibromofluoromethane (Surr)	113	6.865	6.862	0.003	92	667489	59.2	
50 1,1,1-Trichloroethane	97		6.875				ND	7
53 Carbon tetrachloride	117		7.084				ND	7
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.328	7.328	0.000	99	163166	55.4	
58 Benzene	78		7.354				ND	7
59 1,2-Dichloroethane	62		7.425				ND	7
* 61 Fluorobenzene (IS)	96	7.762	7.759	0.003	98	2092204	50.0	
64 Trichloroethene	95	8.235	8.238	-0.003	95	39009	3.73	
66 1,2-Dichloropropane	63		8.576				ND	7
72 Dichlorobromomethane	83		8.930				ND	7
76 cis-1,3-Dichloropropene	75		9.473				ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.660				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.785	9.779	0.006	95	1971344	48.1	
80 Toluene	92		9.859				ND	7
105 trans-1,3-Dichloropropene	75		10.116				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 1,1,2-Trichloroethane	97		10.322				ND	7
108 Tetrachloroethene	166	10.412	10.402	0.010	93	9175	0.8791	M
110 2-Hexanone	43		10.544				ND	7
111 Chlorodibromomethane	129		10.695				ND	7
112 Ethylene Dibromide	107		10.804				ND	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	88	1446591	50.0	
S 116 Xylenes, Total	106		11.245				ND	7
115 Chlorobenzene	112		11.264				ND	7
117 1,1,1,2-Tetrachloroethane	131		11.348				ND	
118 Ethylbenzene	91		11.351				ND	7
119 m-Xylene & p-Xylene	106		11.467				ND	7
120 o-Xylene	106		11.798				ND	
121 Styrene	104		11.811				ND	
122 Bromoform	173		11.965				ND	7
\$ 126 4-Bromofluorobenzene (Surr)	95	12.245	12.241	0.004	85	662914	44.8	
127 1,1,2,2-Tetrachloroethane	83		12.348				ND	7
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.126	0.003	97	787442	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 13-Oct-2025 14:02:50

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X67.D

Injection Date: 13-Oct-2025 02:28:18

Instrument ID: 15830

Operator ID: AGD105956

Lims ID: 410-244867-A-10

Lab Sample ID: 410-244867-10

Worklist Smp#: 16

Client ID: HD-CW-2-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

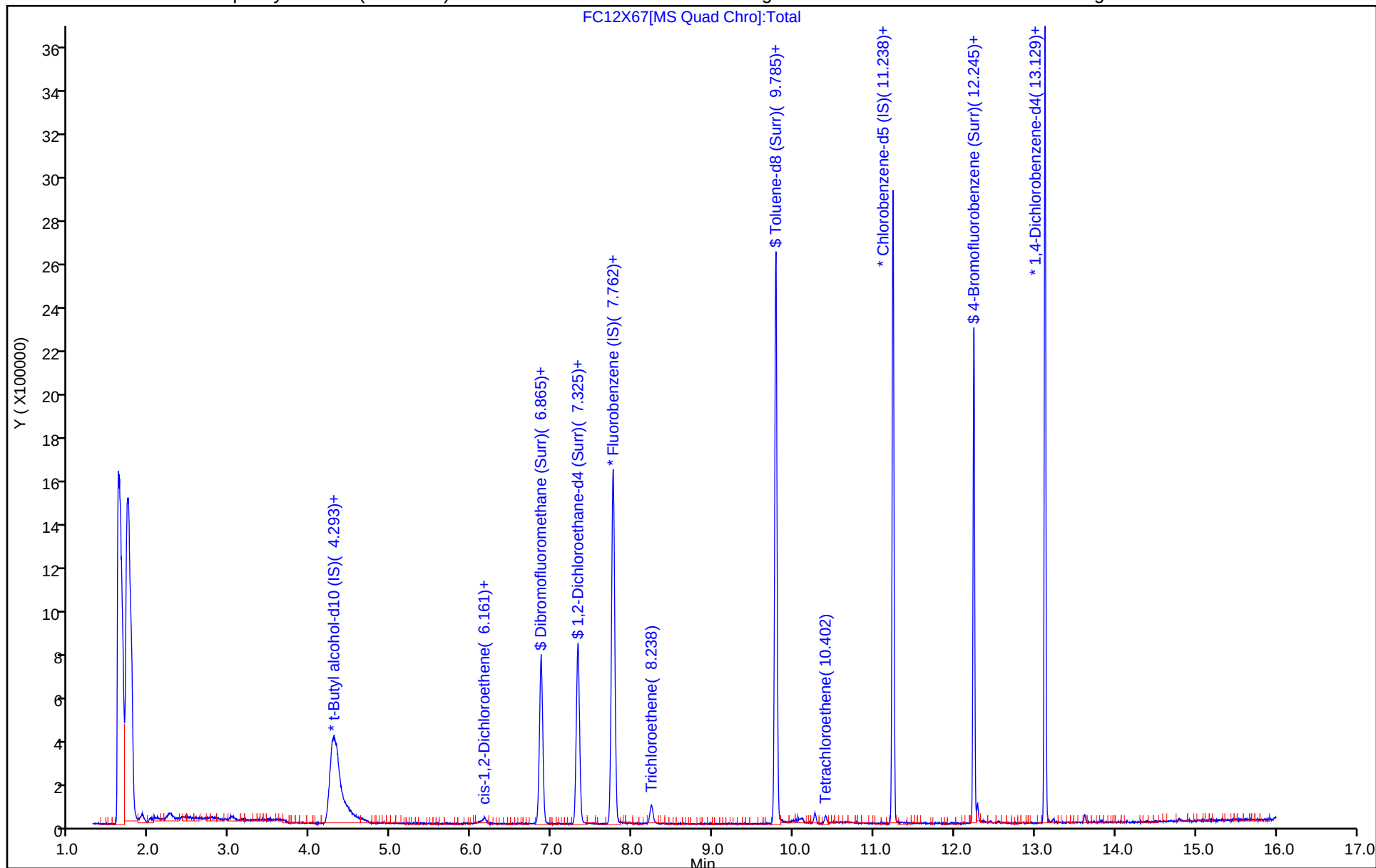
ALS Bottle#: 15

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X67.D
Lims ID: 410-244867-A-10
Client ID: HD-CW-2-0/1-0
Sample Type: Client
Inject. Date: 13-Oct-2025 02:28:18 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162872-016
Operator ID: AGD105956 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 13-Oct-2025 14:02:49 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 14:02:49

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	59.2	118.40
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	55.4	110.87
\$ 79 Toluene-d8 (Surr)	50.0	48.1	96.22
\$ 126 4-Bromofluorobenzene (Surr)	50.0	44.8	89.65

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X67.D

Injection Date: 13-Oct-2025 02:28:18

Instrument ID: 15830

Lims ID: 410-244867-A-10

Lab Sample ID: 410-244867-10

Client ID: HD-CW-2-0/1-0

Operator ID: AGD105956

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 5.000 mL

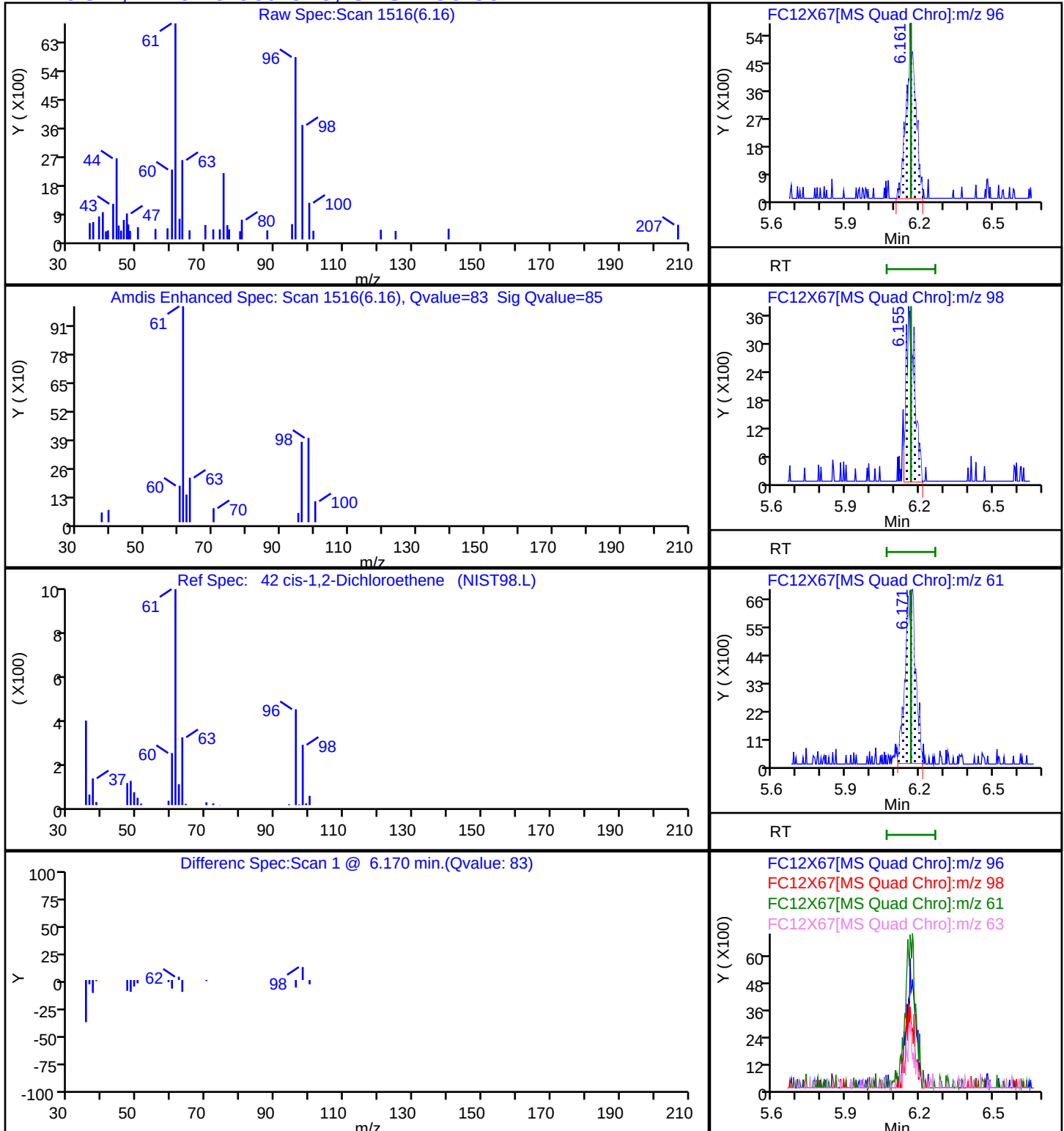
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.)

MS Quad

42 cis-1,2-Dichloroethene, CAS: 156-59-2

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X67.D

Injection Date: 13-Oct-2025 02:28:18

Instrument ID: 15830

Lims ID: 410-244867-A-10

Lab Sample ID: 410-244867-10

Client ID: HD-CW-2-0/1-0

Operator ID: AGD105956

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 5.000 mL

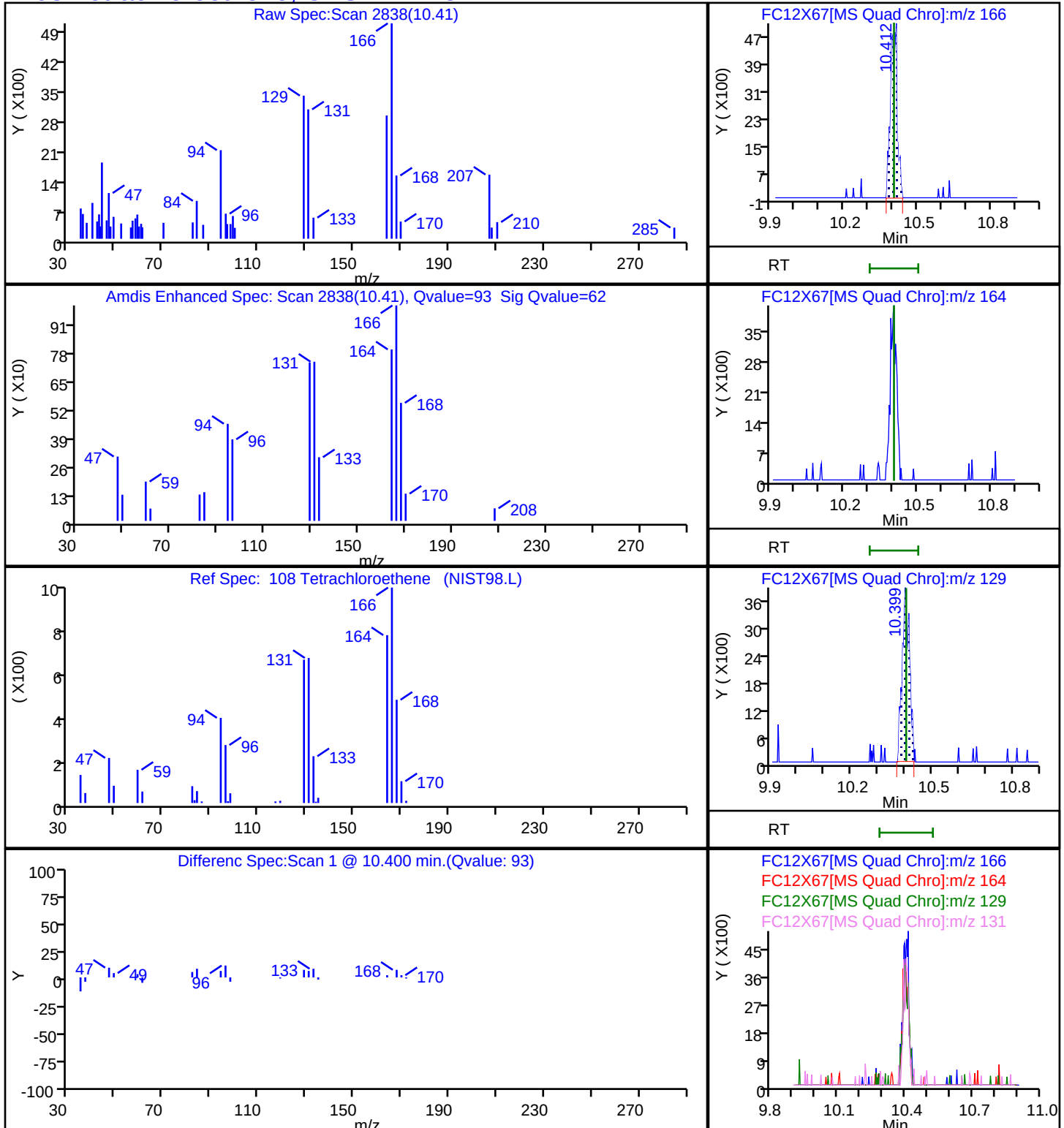
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

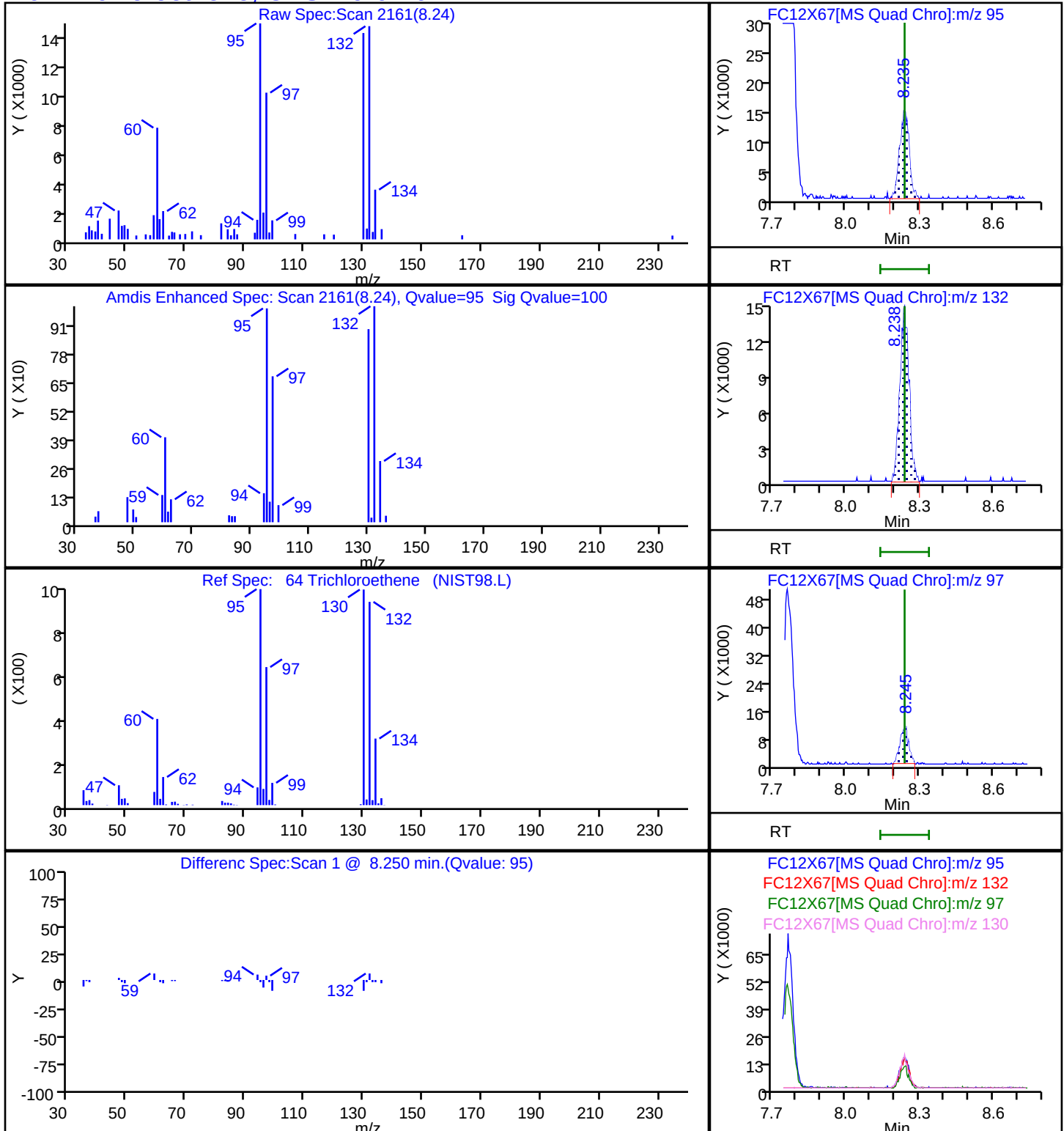
Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

108 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X67.D
Injection Date: 13-Oct-2025 02:28:18 Instrument ID: 15830
Lims ID: 410-244867-A-10 Lab Sample ID: 410-244867-10
Client ID: HD-CW-2-0/1-0
Operator ID: AGD105956 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) MS Quad

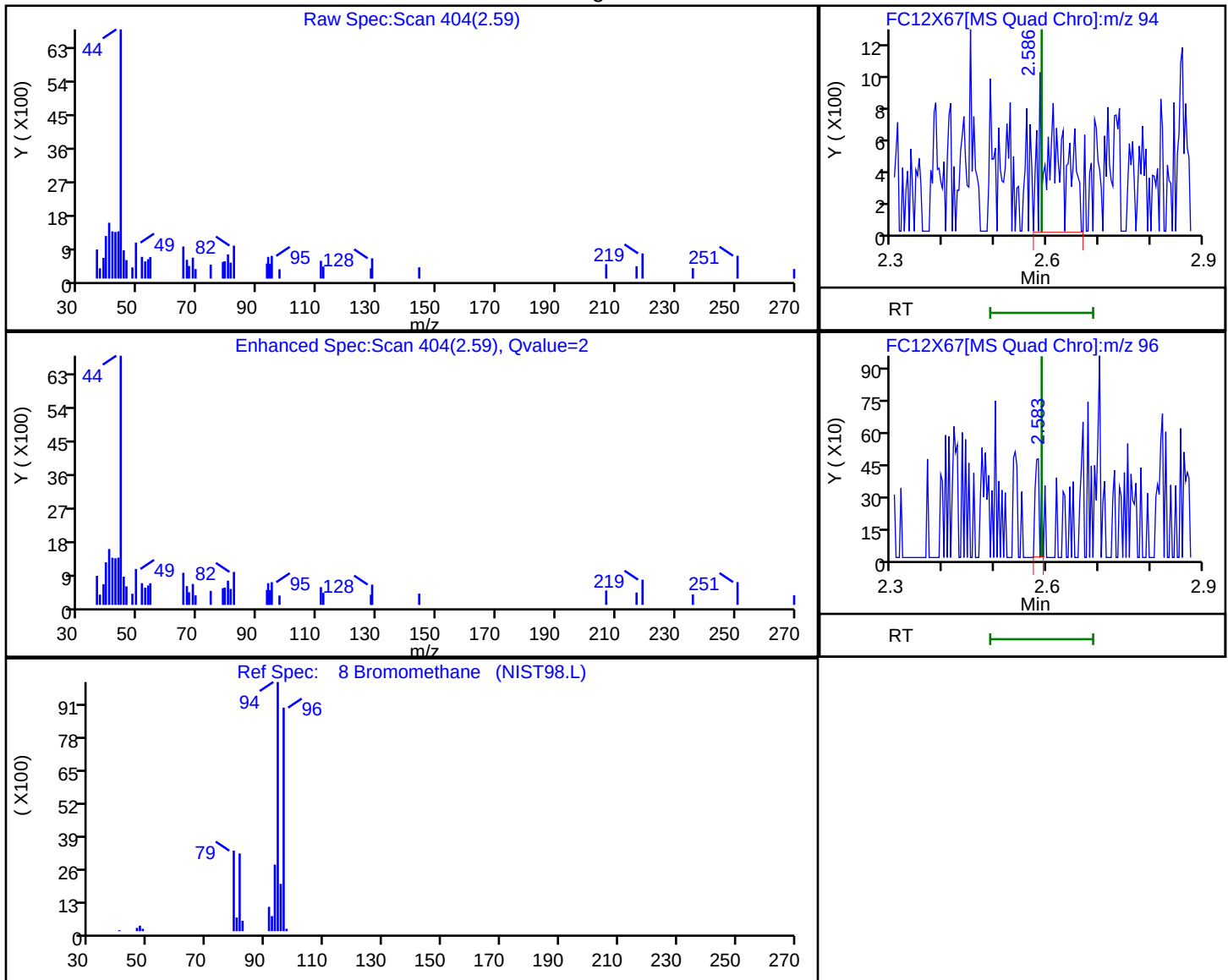
64 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X67.D
Injection Date: 13-Oct-2025 02:28:18 Instrument ID: 15830
Lims ID: 410-244867-A-10 Lab Sample ID: 410-244867-10
Client ID: HD-CW-2-0/1-0
Operator ID: AGD105956 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) MS Quad

8 Bromomethane, CAS: 74-83-9

Processing Results



Reviewer: FQ4L, 13-Oct-2025 14:02:00 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

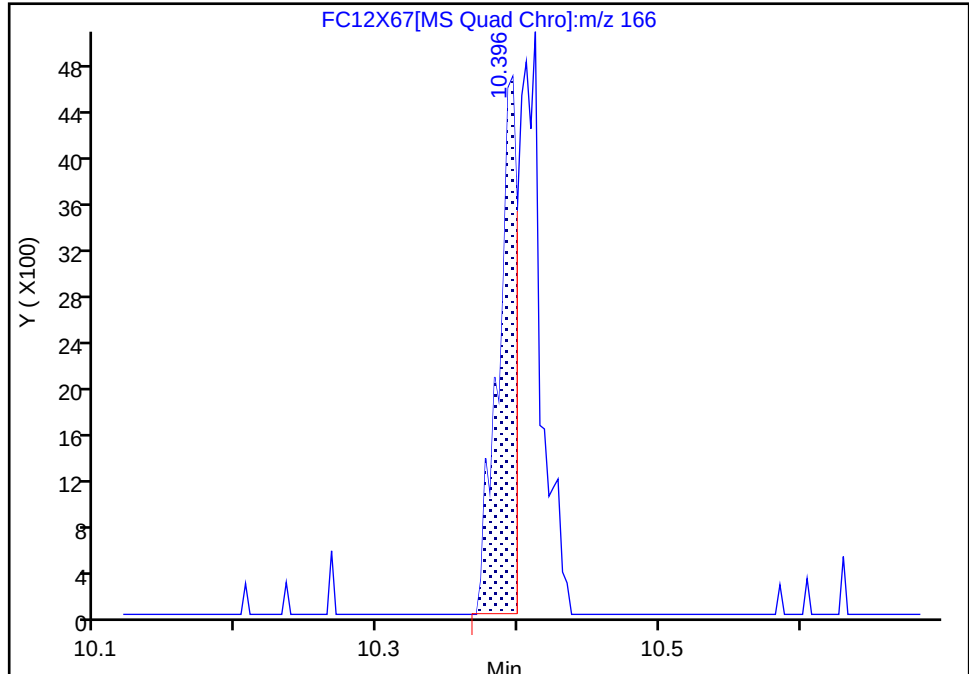
Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X67.D
Injection Date: 13-Oct-2025 02:28:18 Instrument ID: 15830
Lims ID: 410-244867-A-10 Lab Sample ID: 410-244867-10
Client ID: HD-CW-2-0/1-0
Operator ID: AGD105956 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

108 Tetrachloroethene, CAS: 127-18-4

Signal: 1

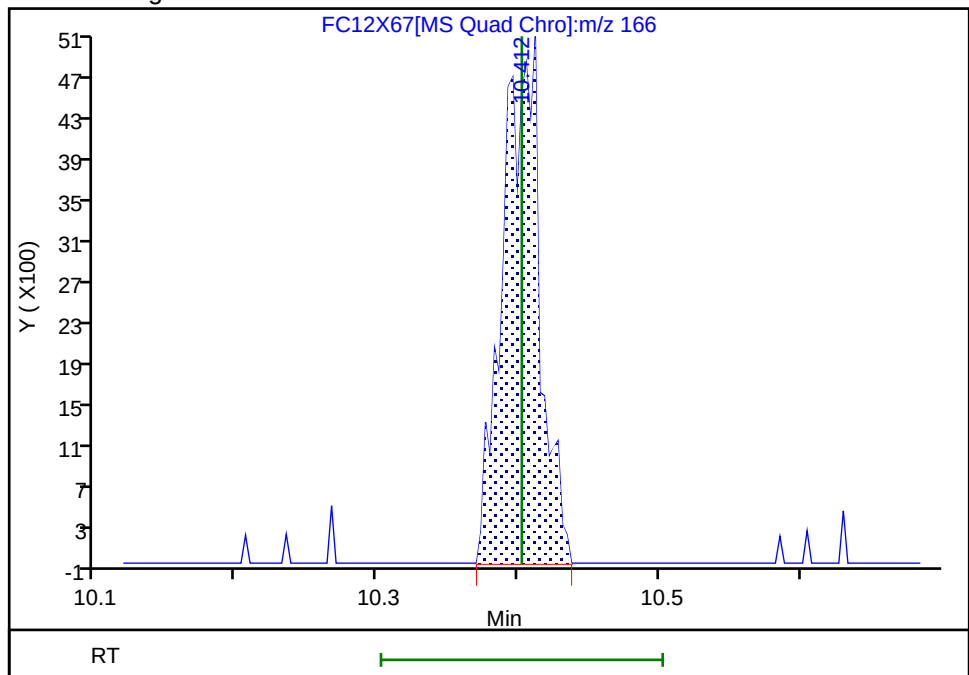
RT: 10.40
Area: 4250
Amount: 0.407215
Amount Units: ug/l

Processing Integration Results



RT: 10.41
Area: 9175
Amount: 0.879105
Amount Units: ug/l

Manual Integration Results



Reviewer: FQ4L, 13-Oct-2025 14:02:34 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID: HD-MW-16S-0/1-0

Lab Sample ID: 410-244867-11

Matrix: Water

Lab File ID: YC13X68.D

Analysis Method: 8260D

Date Collected: 09/30/2025 13:10

Sample wt/vol: 5 (mL)

Date Analyzed: 10/14/2025 05:09

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 713392

Units: ug/L

Preparation Batch No.:

Instrument ID: 9355

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND	^c cn	1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND	^c cn	20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND	^c cn	5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND	^c cn	4.0	1.0
74-83-9	Bromomethane	ND	cn	1.0	0.30
75-15-0	Carbon disulfide	ND	^c cn	5.0	0.30
56-23-5	Carbon tetrachloride	ND	^c cn	1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	5.0		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND	^c cn	1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-16S-0/1-0 Lab Sample ID: 410-244867-11

Matrix: Water Lab File ID: YC13X68.D

Analysis Method: 8260D Date Collected: 09/30/2025 13:10

Sample wt/vol: 5 (mL) Date Analyzed: 10/14/2025 05:09

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 713392 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 9355

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	14		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		80-120
460-00-4	4-Bromofluorobenzene (Surr)	86		80-120
1868-53-7	Dibromofluoromethane (Surr)	118		80-120
2037-26-5	Toluene-d8 (Surr)	90		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X68.D
 Lims ID: 410-244867-B-11 RA
 Client ID: HD-MW-16S-0/1-0
 Sample Type: Client
 Inject. Date: 14-Oct-2025 05:09:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0163047-019
 Operator ID: KEL87800 Instrument ID: 9355
 Method: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\MSVoa_9355.m
 Limit Group: MSV - 8260C_D
 Last Update: 14-Oct-2025 12:37:10 Calib Date: 27-Jun-2025 19:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1651

First Level Reviewer: UCB5

Date: 14-Oct-2025 12:30:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50		1.995				ND	
7 Vinyl chloride	62		2.095				ND	
10 Bromomethane	94		2.410				ND	
11 Chloroethane	64		2.460				ND	
19 1,1-Dichloroethene	96		3.225				ND	
20 Acetone	58		3.232				ND	
24 Carbon disulfide	76		3.568				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.811	3.811	0.000	32	467808	250.0	
29 Methylene Chloride	84		3.818				ND	
32 Methyl tert-butyl ether	73		4.183				ND	
33 trans-1,2-Dichloroethene	96		4.205				ND	
37 1,1-Dichloroethane	63		4.855				ND	
42 2-Butanone (MEK)	43		5.670				ND	
43 cis-1,2-Dichloroethene	96	5.713	5.706	0.007	80	31242	5.00	
50 Chlorobromomethane	128		6.042				ND	
53 Chloroform	83		6.199				ND	
\$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	93	316728	58.8	
55 1,1,1-Trichloroethane	97		6.435				ND	
58 Carbon tetrachloride	117		6.664				ND	
\$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.893	6.886	0.007	99	77380	56.5	
61 Benzene	78		6.922				ND	
62 1,2-Dichloroethane	62		6.993				ND	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1134031	50.0	
69 Trichloroethene	95	7.837	7.830	0.007	97	85404	14.0	
72 1,2-Dichloropropane	63		8.159				ND	
78 Dichlorobromomethane	83		8.516				ND	
81 cis-1,3-Dichloropropene	75		9.081				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.253				ND	
\$ 83 Toluene-d8 (Surr)	98	9.417	9.410	0.007	93	1042225	45.0	
95 Toluene	92		9.496				ND	
96 trans-1,3-Dichloropropene	75		9.767				ND	
113 1,1,2-Trichloroethane	97		9.982				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
114 Tetrachloroethene	166		10.075				ND	7
117 2-Hexanone	43		10.196				ND	
119 Chlorodibromomethane	129		10.375				ND	
120 Ethylene Dibromide	107		10.490				ND	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	83	858638	50.0	
132 Chlorobenzene	112		10.962				ND	
134 1,1,1,2-Tetrachloroethane	131		11.047				ND	
135 Ethylbenzene	91		11.054				ND	7
137 m-Xylene & p-Xylene	106		11.169				ND	
S 136 Xylenes, Total	106		11.245				ND	7
139 o-Xylene	106		11.505				ND	
140 Styrene	104		11.526				ND	
141 Bromoform	173		11.684				ND	
\$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.963	-0.001	93	380547	43.0	
147 1,1,2,2-Tetrachloroethane	83		12.063				ND	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	93	579188	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_HP20_ISSS_00169

Amount Added: 1.00

Units: uL

Run Reagent

Report Date: 14-Oct-2025 12:37:21

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X68.D

Injection Date: 14-Oct-2025 05:09:30

Instrument ID: 9355

Operator ID: KEL87800

Lims ID: 410-244867-B-11 RA

Lab Sample ID: 410-244867-11

Worklist Smp#: 19

Client ID: HD-MW-16S-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

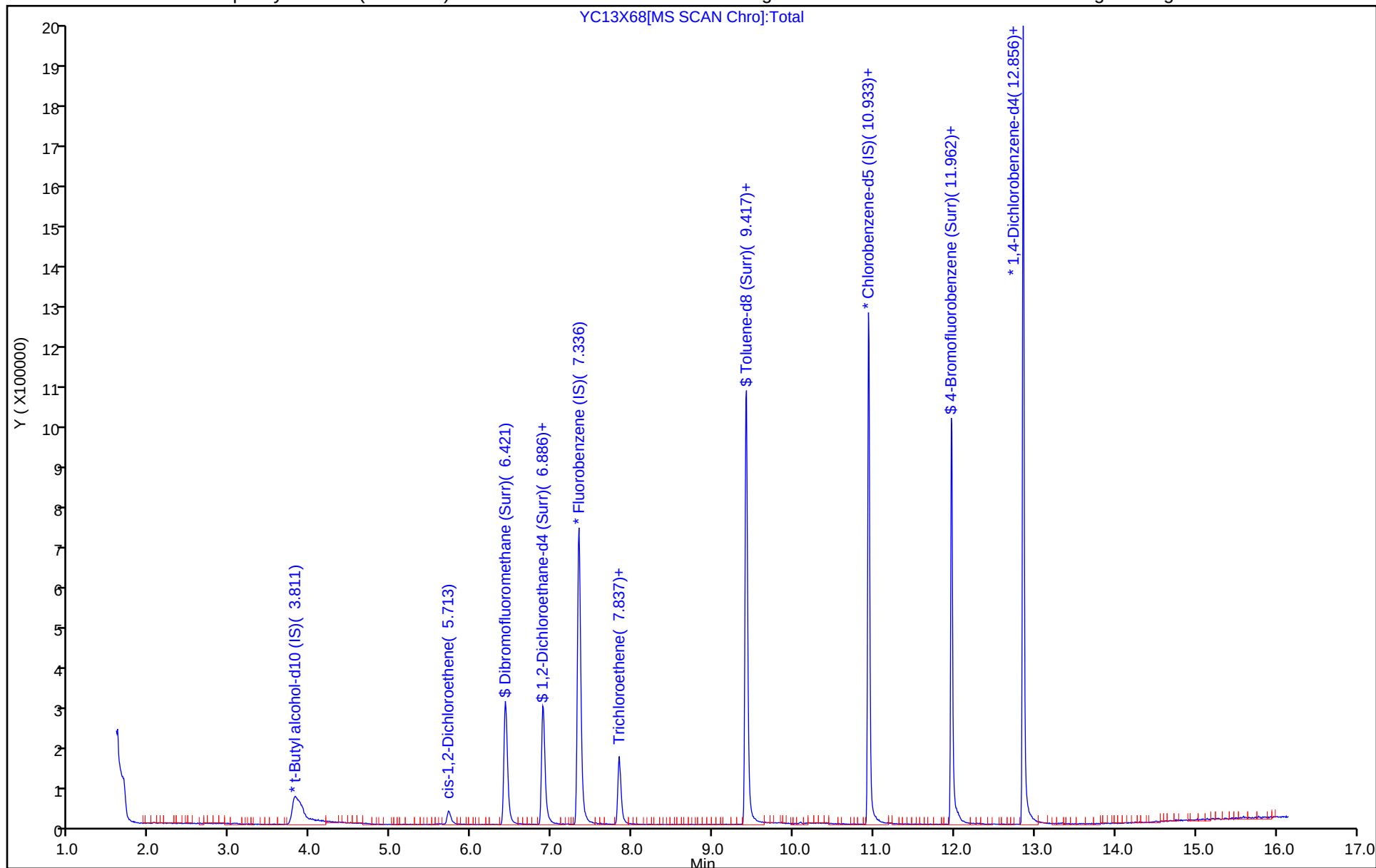
ALS Bottle#: 18

Method: MSVoa_9355

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X68.D
Lims ID: 410-244867-B-11 RA
Client ID: HD-MW-16S-0/1-0
Sample Type: Client
Inject. Date: 14-Oct-2025 05:09:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163047-019
Operator ID: KEL87800 Instrument ID: 9355
Method: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 14-Oct-2025 12:37:10 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1651

First Level Reviewer: UCB5

Date: 14-Oct-2025 12:30:17

Compound	Amount Added	Amount Recovered	% Rec.
\$ 54 Dibromofluoromethane (Surr)	50.0	58.8	117.56
\$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	56.5	113.03
\$ 83 Toluene-d8 (Surr)	50.0	45.0	90.04
\$ 145 4-Bromofluorobenzene (Surr)	50.0	43.0	85.95

Report Date: 14-Oct-2025 12:37:21

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X68.D

Injection Date: 14-Oct-2025 05:09:30

Instrument ID: 9355

Lims ID: 410-244867-B-11 RA

Lab Sample ID: 410-244867-11

Client ID: HD-MW-16S-0/1-0

Operator ID: KEL87800

ALS Bottle#: 18

Worklist Smp#: 19

Purge Vol: 5.000 mL

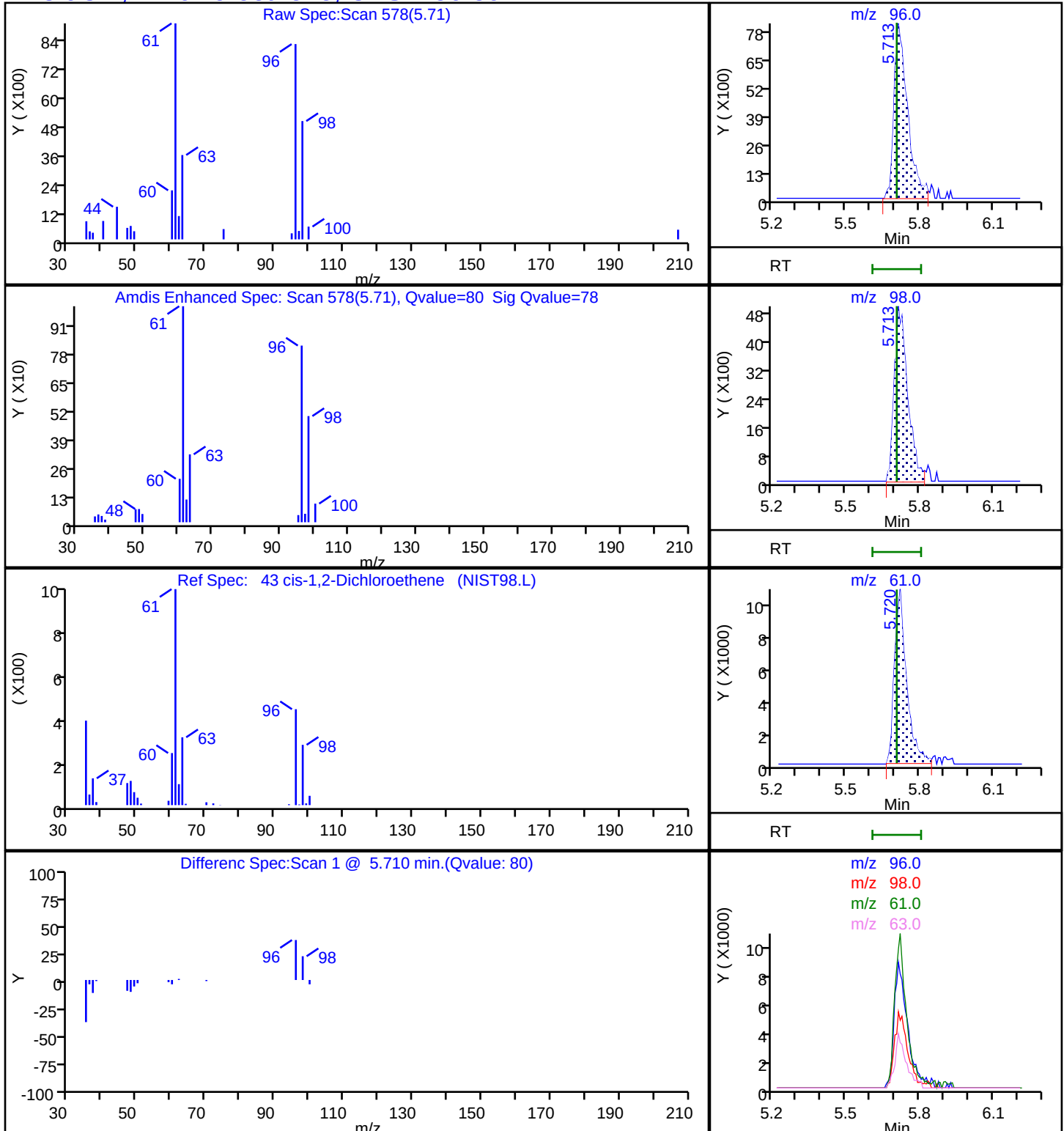
Dil. Factor: 1.0000

Method: MSVoa_9355

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

43 cis-1,2-Dichloroethene, CAS: 156-59-2

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X68.D

Injection Date: 14-Oct-2025 05:09:30

Instrument ID: 9355

Lims ID: 410-244867-B-11 RA

Lab Sample ID: 410-244867-11

Client ID: HD-MW-16S-0/1-0

Operator ID: KEL87800

ALS Bottle#: 18

Worklist Smp#: 19

Purge Vol: 5.000 mL

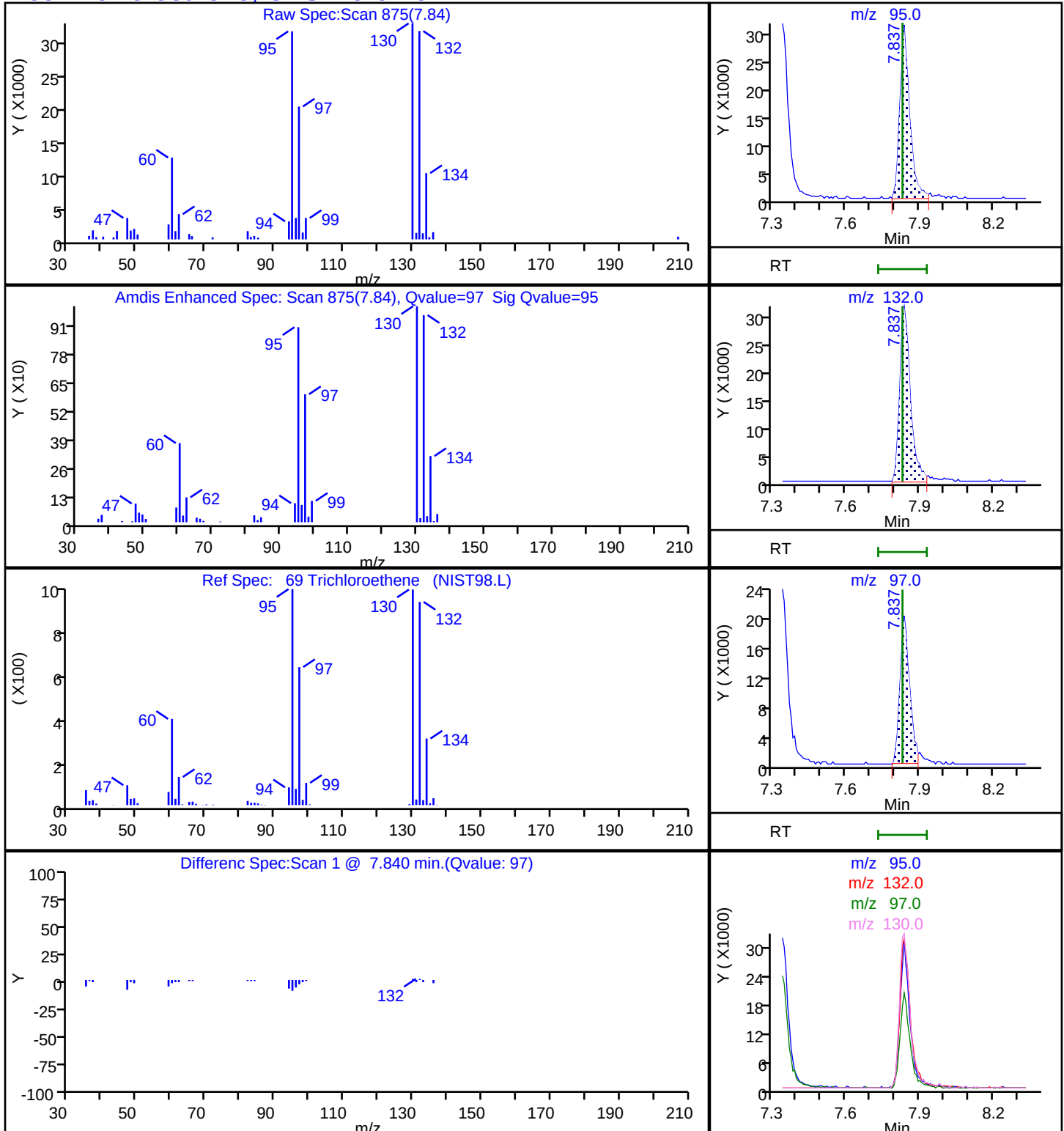
Dil. Factor: 1.0000

Method: MSVoa_9355

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

69 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID: HD-MW-9-0/1-0

Lab Sample ID: 410-244867-12

Matrix: Water

Lab File ID: NC10X08.D

Analysis Method: 8260D

Date Collected: 09/29/2025 14:30

Sample wt/vol: 5(mL)

Date Analyzed: 10/10/2025 13:16

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711952

Units: ug/L

Preparation Batch No.:

Instrument ID: 7159

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND	^c *+ cn	1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	18		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-9-0/1-0 Lab Sample ID: 410-244867-12

Matrix: Water Lab File ID: NC10X08.D

Analysis Method: 8260D Date Collected: 09/29/2025 14:30

Sample wt/vol: 5 (mL) Date Analyzed: 10/10/2025 13:16

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 711952 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 7159

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		1.0	0.30
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	0.44	J	1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		80-120
460-00-4	4-Bromofluorobenzene (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	95		80-120
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X08.D
 Lims ID: 410-244867-A-12
 Client ID: HD-MW-9-0/1-0
 Sample Type: Client
 Inject. Date: 10-Oct-2025 13:16:35 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162698-009
 Operator ID: CLM27445 Instrument ID: 7159
 Method: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 17:32:48 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 07:50:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.231				ND	
6 Vinyl chloride	62	2.363	2.363	0.000	54	6192	0.4362	
8 Bromomethane	94		2.697				ND	
9 Chloroethane	64		2.807				ND	
17 1,1-Dichloroethene	96		3.746				ND	7
19 Acetone	58		3.791				ND	
22 Carbon disulfide	76		4.058				ND	7
26 Methylene Chloride	84		4.482				ND	
* 27 t-Butyl alcohol-d10 (IS)	65	4.508	4.537	-0.029	1	372884	250.0	
32 Methyl tert-butyl ether	73		4.903				ND	7
31 trans-1,2-Dichloroethene	96		4.906				ND	7
35 1,1-Dichloroethane	63		5.582				ND	
40 2-Butanone (MEK)	43		6.389				ND	
41 cis-1,2-Dichloroethene	96	6.405	6.418	-0.013	77	151043	18.1	
47 Chlorobromomethane	128		6.749				ND	
49 Chloroform	83		6.897				ND	
\$ 50 Dibromofluoromethane (Surr)	113	7.099	7.106	-0.007	93	319588	47.5	
51 1,1,1-Trichloroethane	97		7.119				ND	
53 Carbon tetrachloride	117		7.328				ND	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.546	7.569	-0.023	42	78324	51.7	
57 Benzene	78		7.594				ND	
59 1,2-Dichloroethane	62		7.665				ND	7
* 62 Fluorobenzene (IS)	96	7.980	7.993	-0.013	99	1182908	50.0	
65 Trichloroethene	95		8.459				ND	
69 1,2-Dichloropropane	63		8.797				ND	7
74 Dichlorobromomethane	83		9.135				ND	
77 cis-1,3-Dichloropropene	75		9.656				ND	
78 4-Methyl-2-pentanone (MIBK)	43		9.823				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.942	9.951	-0.009	93	1074933	52.9	
118 Toluene	92		10.022				ND	7
120 trans-1,3-Dichloropropene	75		10.266				ND	
122 1,1,2-Trichloroethane	97		10.463				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
123 Tetrachloroethene	166		10.543				ND	
126 2-Hexanone	43		10.668				ND	7
128 Chlorodibromomethane	129		10.826				ND	
129 Ethylene Dibromide	107		10.935				ND	
S 130 Xylenes, Total	106		11.245				ND	7
* 131 Chlorobenzene-d5 (IS)	117	11.347	11.353	-0.006	85	827548	50.0	
133 Chlorobenzene	112		11.379				ND	
134 1,1,1,2-Tetrachloroethane	131		11.459				ND	
135 Ethylbenzene	91		11.463				ND	7
136 m-Xylene & p-Xylene	106		11.572				ND	7
138 o-Xylene	106		11.897				ND	
139 Styrene	104		11.909				ND	
140 Bromoform	173		12.064				ND	7
\$ 144 4-Bromofluorobenzene (Surr)	95	12.324	12.331	-0.007	89	396141	51.6	
145 1,1,2,2-Tetrachloroethane	83		12.427				ND	
* 160 1,4-Dichlorobenzene-d4	152	13.192	13.196	-0.004	95	459387	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 13-Oct-2025 07:50:53

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X08.D

Injection Date: 10-Oct-2025 13:16:35

Instrument ID: 7159

Operator ID: CLM27445

Lims ID: 410-244867-A-12

Lab Sample ID: 410-244867-12

Worklist Smp#: 9

Client ID: HD-MW-9-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

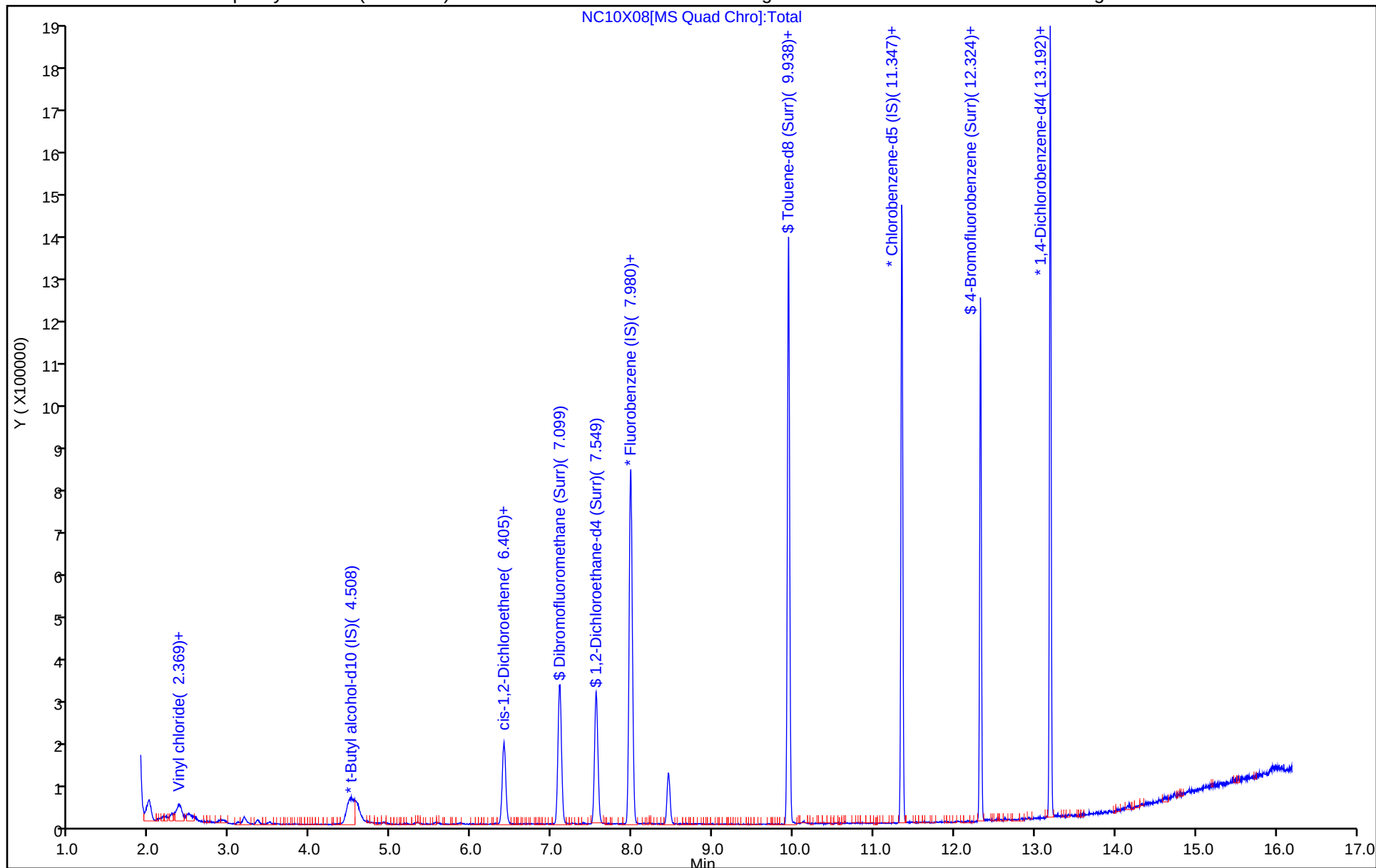
ALS Bottle#: 8

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X08.D
Lims ID: 410-244867-A-12
Client ID: HD-MW-9-0/1-0
Sample Type: Client
Inject. Date: 10-Oct-2025 13:16:35 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162698-009
Operator ID: CLM27445 Instrument ID: 7159
Method: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\MSVoa_7159.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 17:32:48 Calib Date: 22-Sep-2025 22:59:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 07:50:52

Compound	Amount Added	Amount Recovered	% Rec.
\$ 50 Dibromofluoromethane (Surr)	50.0	47.5	95.05
\$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	51.7	103.37
\$ 79 Toluene-d8 (Surr)	50.0	52.9	105.75
\$ 144 4-Bromofluorobenzene (Surr)	50.0	51.6	103.21

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X08.D

Injection Date: 10-Oct-2025 13:16:35

Instrument ID: 7159

Lims ID: 410-244867-A-12

Lab Sample ID: 410-244867-12

Client ID: HD-MW-9-0/1-0

Operator ID: CLM27445

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

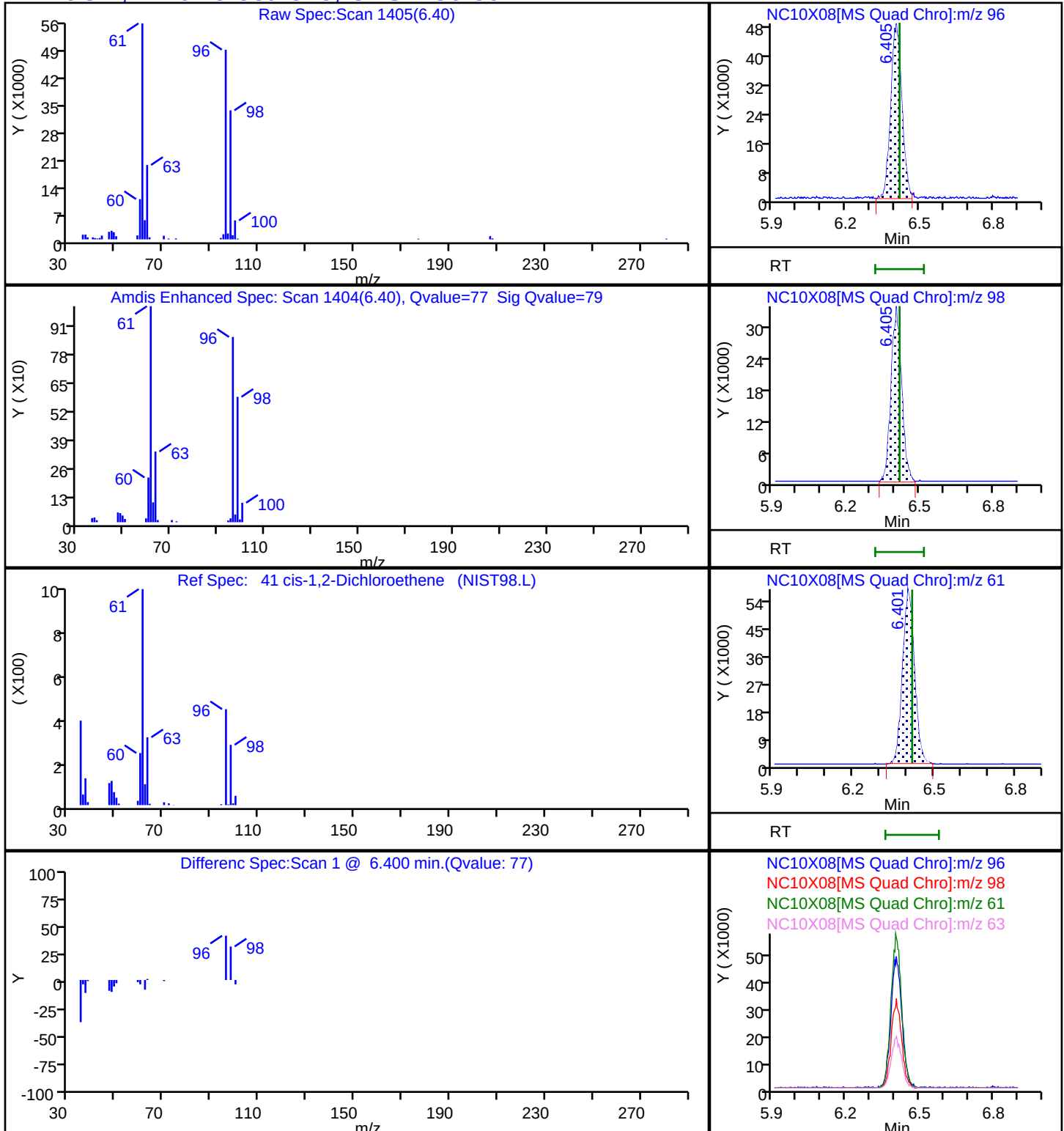
Dil. Factor: 1.0000

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

41 cis-1,2-Dichloroethene, CAS: 156-59-2

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X08.D

Injection Date: 10-Oct-2025 13:16:35

Instrument ID: 7159

Lims ID: 410-244867-A-12

Lab Sample ID: 410-244867-12

Client ID: HD-MW-9-0/1-0

Operator ID: CLM27445

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 5.000 mL

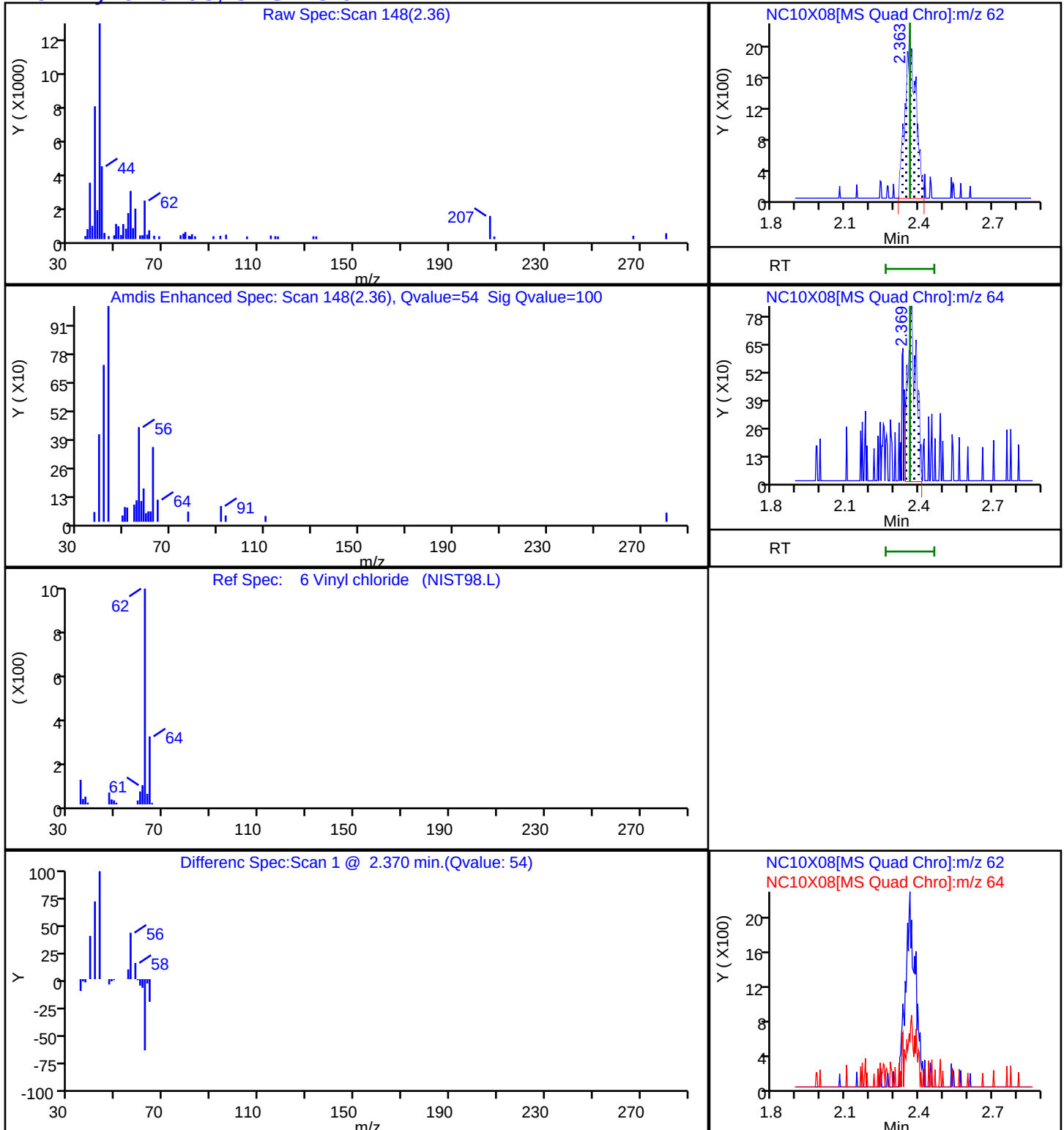
Dil. Factor: 1.0000

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

6 Vinyl chloride, CAS: 75-01-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID: HD-QC2-0/1-2

Lab Sample ID: 410-244867-13

Matrix: Water

Lab File ID: NC10X09.D

Analysis Method: 8260D

Date Collected: 09/29/2025 00:00

Sample wt/vol: 5(mL)

Date Analyzed: 10/10/2025 13:36

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711952

Units: ug/L

Preparation Batch No.:

Instrument ID: 7159

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND	^c *+ cn	1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-QC2-0/1-2 Lab Sample ID: 410-244867-13

Matrix: Water Lab File ID: NC10X09.D

Analysis Method: 8260D Date Collected: 09/29/2025 00:00

Sample wt/vol: 5 (mL) Date Analyzed: 10/10/2025 13:36

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 711952 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 7159

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		1.0	0.30
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		80-120
460-00-4	4-Bromofluorobenzene (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	94		80-120
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X09.D
 Lims ID: 410-244867-A-13
 Client ID: HD-QC2-0/1-2
 Sample Type: Client
 Inject. Date: 10-Oct-2025 13:36:35 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162698-010
 Operator ID: CLM27445 Instrument ID: 7159
 Method: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 17:32:48 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 08:14:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.231				ND	7
6 Vinyl chloride	62		2.363				ND	
8 Bromomethane	94		2.697				ND	
9 Chloroethane	64		2.807				ND	7
17 1,1-Dichloroethene	96		3.746				ND	7
19 Acetone	58		3.791				ND	
22 Carbon disulfide	76		4.058				ND	7
26 Methylene Chloride	84		4.482				ND	
* 27 t-Butyl alcohol-d10 (IS)	65	4.492	4.537	-0.045	1	367620	250.0	
32 Methyl tert-butyl ether	73		4.903				ND	
31 trans-1,2-Dichloroethene	96		4.906				ND	7
35 1,1-Dichloroethane	63		5.582				ND	
40 2-Butanone (MEK)	43		6.389				ND	
41 cis-1,2-Dichloroethene	96		6.418				ND	
47 Chlorobromomethane	128		6.749				ND	
49 Chloroform	83		6.897				ND	
\$ 50 Dibromofluoromethane (Surr)	113	7.106	7.106	0.000	93	323929	46.9	
51 1,1,1-Trichloroethane	97		7.119				ND	
53 Carbon tetrachloride	117		7.328				ND	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.559	7.569	-0.010	29	78665	50.5	
57 Benzene	78		7.594				ND	
59 1,2-Dichloroethane	62		7.665				ND	
* 62 Fluorobenzene (IS)	96	7.990	7.993	-0.003	99	1215496	50.0	
65 Trichloroethene	95		8.459				ND	
69 1,2-Dichloropropane	63		8.797				ND	
74 Dichlorobromomethane	83		9.135				ND	
77 cis-1,3-Dichloropropene	75		9.656				ND	
78 4-Methyl-2-pentanone (MIBK)	43		9.823				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.945	9.951	-0.006	93	1090701	53.8	
118 Toluene	92		10.022				ND	7
120 trans-1,3-Dichloropropene	75		10.266				ND	
122 1,1,2-Trichloroethane	97		10.463				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
123 Tetrachloroethene	166		10.543				ND	
126 2-Hexanone	43		10.668				ND	
128 Chlorodibromomethane	129		10.826				ND	
129 Ethylene Dibromide	107		10.935				ND	
S 130 Xylenes, Total	106		11.245				ND	7
* 131 Chlorobenzene-d5 (IS)	117	11.350	11.353	-0.003	84	825003	50.0	
133 Chlorobenzene	112		11.379				ND	
134 1,1,1,2-Tetrachloroethane	131		11.459				ND	
135 Ethylbenzene	91		11.463				ND	
136 m-Xylene & p-Xylene	106		11.572				ND	
138 o-Xylene	106		11.897				ND	
139 Styrene	104		11.909				ND	
140 Bromoform	173		12.064				ND	7
\$ 144 4-Bromofluorobenzene (Surr)	95	12.328	12.331	-0.003	89	391446	51.2	
145 1,1,2,2-Tetrachloroethane	83		12.427				ND	
* 160 1,4-Dichlorobenzene-d4	152	13.196	13.196	0.000	95	460123	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 13-Oct-2025 08:14:31

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X09.D

Injection Date: 10-Oct-2025 13:36:35

Instrument ID: 7159

Operator ID: CLM27445

Lims ID: 410-244867-A-13

Lab Sample ID: 410-244867-13

Worklist Smp#: 10

Client ID: HD-QC2-0/1-2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

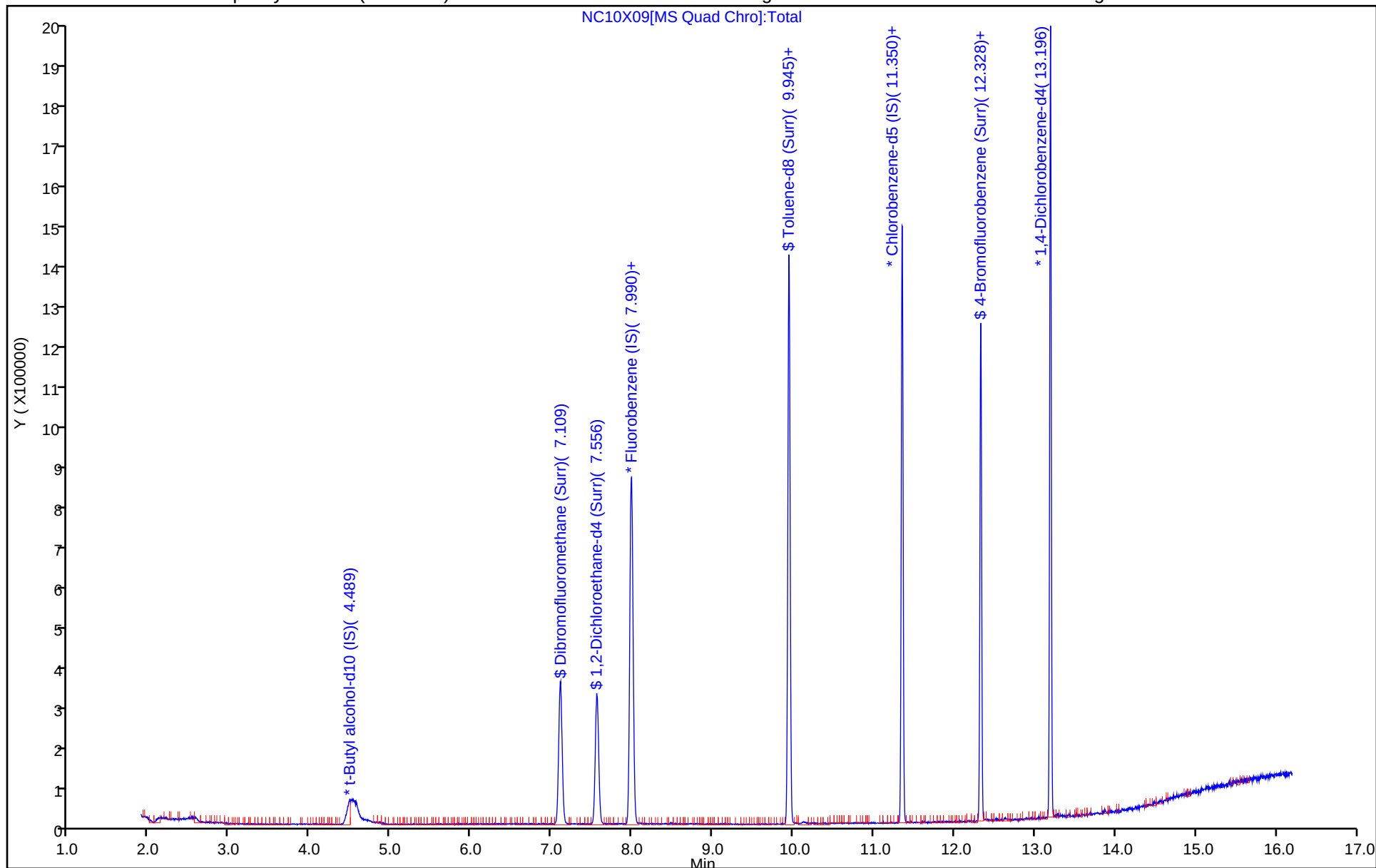
ALS Bottle#: 9

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X09.D
Lims ID: 410-244867-A-13
Client ID: HD-QC2-0/1-2
Sample Type: Client
Inject. Date: 10-Oct-2025 13:36:35 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162698-010
Operator ID: CLM27445 Instrument ID: 7159
Method: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\MSVoa_7159.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 17:32:48 Calib Date: 22-Sep-2025 22:59:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: FQ4L

Date: 13-Oct-2025 08:14:30

Compound	Amount Added	Amount Recovered	% Rec.
\$ 50 Dibromofluoromethane (Surr)	50.0	46.9	93.76
\$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	50.5	101.04
\$ 79 Toluene-d8 (Surr)	50.0	53.8	107.63
\$ 144 4-Bromofluorobenzene (Surr)	50.0	51.2	102.30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-710355/12	FC07X65.D
Level 2	IC 410-710355/13	FC07X66.D
Level 3	IC 410-710355/14	FC07X67.D
Level 4	IC 410-710355/15	FC07X55.D
Level 5	ICIS 410-710355/16	FC07X56.D
Level 6	IC 410-710355/17	FC07X57.D
Level 7	IC 410-710355/18	FC07X58.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Dichlorodifluoromethane	0.5580 0.6109	0.5928 0.5344	0.5830	0.4552	0.5736	Ave		0.558 3			0.1000	9.3		20.0			
Chloromethane	0.7574 0.6576	0.7425 0.6467	0.7049	0.6509	0.7106	Ave		0.695 8			0.1000	6.5		20.0			
Vinyl chloride	0.7341 0.6138	0.6410 0.5484	0.6134	0.5466	0.5905	Ave		0.612 5			0.1000	10.4		20.0			
1,3-Butadiene	0.8364 0.6679	0.8676 0.5660	0.8097	0.6276	0.6647	Ave		0.720 0				16.2		20.0			
Bromomethane	0.3801 0.3536	0.3869 0.3025	0.3530	0.3438	0.3491	Ave		0.352 7			0.1000	7.8		20.0			
Chloroethane	0.3991 0.3292	0.3546 0.2788	0.3378	0.3012	0.3090	Ave		0.330 0			0.1000	12.0		20.0			
Dichlorofluoromethane	0.9094 0.7955	0.8613 0.7198	0.8347	0.7298	0.8402	Ave		0.812 9			0.1000	8.5		20.0			
Trichlorofluoromethane	0.6002 0.6438	0.6621 0.5893	0.6398	0.5230	0.6678	Ave		0.618 0			0.1000	8.3		20.0			
n-Pentane	0.7899 0.5678	0.7824 0.5720	0.7493	0.4473	0.5937	Lin	0.229 1	0.570 8							1.0000		0.9900
Ethyl ether	0.3821 0.2564	0.3405 0.2354	0.2765	0.2508	0.2773	Ave		0.288 4				18.5		20.0			
Freon 123a	0.5444 0.4296	0.4797 0.3911	0.4694	0.3670	0.4216	Ave		0.443 3				13.5		20.0			
Acrolein	1.2431 1.0825	1.1053 0.9643	0.9425	0.8808	0.9156	Ave		1.019 2				12.7		20.0			
1,1-Dichloroethene	0.4266 0.3011	0.4104 0.2830	0.3253	0.2748	0.2910	Ave		0.330 3			0.1000	18.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 710355
 Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Freon 113	0.3943 0.3189	0.4202 0.2840	0.3457	0.2637	0.2893	Ave		0.330 9			0.1000	17.8		20.0			
Acetone	++++ 0.6540	0.7507 0.5316	0.5007	0.4636	0.5056	Ave		0.567 7			0.1000	19.5		20.0			
Methyl iodide	0.6878 0.5132	0.6414 0.4451	0.5324	0.5054	0.4659	Ave		0.541 6				16.6		20.0			
2-Propanol	++++ 0.5681	0.6391 0.5248	0.5833	0.4786	0.4849	Ave		0.546 5				11.4		20.0			
Carbon disulfide	++++ 0.9116	1.1866 0.8250	1.1508	0.8431	0.8970	Ave		0.969 0			0.1000	16.3		20.0			
Methyl acetate	0.9836 0.4255	0.4986 0.3973	0.5418	0.3957	0.4606	Lin1	0.601 1	0.405 9			0.1000				0.9970		0.9900
Allyl chloride	++++ 0.4338	0.4808 0.4281	0.5727	0.3801	0.4569	Ave		0.458 7				14.2		20.0			
Methylene Chloride	0.3885 0.3029	0.3476 0.2891	0.3812	0.2922	0.3297	Ave		0.333 0			0.1000	12.3		20.0			
t-Butyl alcohol	0.8664 0.8717	0.8430 0.8008	1.0058	0.7379	0.8729	Ave		0.856 9				9.6		20.0			
Acrylonitrile	0.2972 0.2284	0.2586 0.2168	0.2969	0.2181	0.2534	Ave		0.252 8				13.5		20.0			
trans-1,2-Dichloroethene	0.3473 0.2733	0.3152 0.2515	0.3391	0.2595	0.2926	Ave		0.296 9			0.1000	12.8		20.0			
Methyl tert-butyl ether	0.8323 0.7207	0.7260 0.6793	0.8438	0.6632	0.7659	Ave		0.747 3			0.1000	9.4		20.0			
n-Hexane	0.2905 0.3266	0.2997 0.2989	0.3619	0.2175	0.2674	Ave		0.294 6				15.4		20.0			
1,1-Dichloroethane	0.5486 0.5351	0.5509 0.4769	0.6156	0.4549	0.5455	Ave		0.532 5			0.2000	9.9		20.0			
Isopropyl ether	0.7887 0.8437	0.7879 0.7759	0.9371	0.6619	0.8885	Ave		0.812 0				11.0		20.0			
2-Chloro-1,3-butadiene	0.3938 0.4410	0.3845 0.4181	0.4751	0.3489	0.4560	Ave		0.416 8				10.6		20.0			
Ethyl t-butyl ether	0.6556 0.7346	0.6656 0.6576	0.7460	0.5799	0.7315	Ave		0.681 6				8.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Butanone (MEK)	0.3272 0.3514	0.2797 0.3217	0.3507	0.2450	0.3403	Ave		0.316 6			0.1000	12.6		20.0			
cis-1,2-Dichloroethene	0.4292 0.3115	0.3234 0.2790	0.3515	0.2725	0.3280	Ave		0.327 9			0.1000	16.0		20.0			
2,2-Dichloropropane	0.4196 0.4182	0.4146 0.3809	0.4546	0.3438	0.4278	Ave		0.408 5				8.8		20.0			
Propionitrile	0.6492 0.7939	0.6708 0.7221	0.7697	0.6055	0.7738	Ave		0.712 2				10.1		20.0			
Methacrylonitrile	0.1678 0.1934	0.1645 0.1827	0.1970	0.1494	0.1996	Ave		0.179 2				10.6		20.0			
Bromochloromethane	0.1688 0.1540	0.1649 0.1351	0.1645	0.1386	0.1619	Ave		0.155 4				8.7		20.0			
Tetrahydrofuran	0.4139 0.6439	0.4972 0.6040	0.5633	0.4701	0.6243	Ave		0.545 2				15.9		20.0			
Chloroform	0.4687 0.4790	0.4937 0.4284	0.5542	0.4274	0.5172	Ave		0.481 3			0.2000	9.5		20.0			
1,1,1-Trichloroethane	0.4015 0.4251	0.4233 0.3813	0.4667	0.3598	0.4209	Ave		0.411 2			0.1000	8.4		20.0			
Cyclohexane	0.3828 0.5346	0.4680 0.4878	0.5671	0.3639	0.4767	Ave		0.468 7			0.1000	15.8		20.0			
Carbon tetrachloride	0.3095 0.3657	0.3546 0.3371	0.4009	0.3030	0.3501	Ave		0.345 8			0.1000	9.7		20.0			
1,1-Dichloropropene	0.3447 0.3802	0.3411 0.3632	0.3988	0.2910	0.3509	Ave		0.352 8				9.7		20.0			
Isobutyl alcohol	0.2477 0.2953	0.2271 0.2702	0.2833	0.2223	0.2901	Ave		0.262 3				11.5		20.0			
Benzene	1.0578 1.1369	1.0826 1.0745	1.2535	0.9489	1.1600	Ave		1.102 0			0.5000	8.6		20.0			
1,2-Dichloroethane	0.3073 0.3524	0.3627 0.3338	0.3979	0.2974	0.3439	Ave		0.342 2			0.1000	9.9		20.0			
t-Amyl methyl ether	0.5700 0.7250	0.6308 0.6760	0.7336	0.5976	0.7046	Ave		0.662 5				9.7		20.0			
n-Heptane	0.2481 0.2685	0.2467 0.2467	0.3131	0.1906	0.2278	Ave		0.248 8				15.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butanol	0.1474 0.2135	0.1452 0.2144	0.1675	0.1432	0.1909	Ave		0.174 6				18.1		20.0			
Trichloroethene	0.2235 0.2665	0.2533 0.2581	0.2834	0.2135	0.2494	Ave		0.249 7			0.2000	9.7		20.0			
Methylcyclohexane	0.2940 0.4563	0.3624 0.4228	0.4380	0.3001	0.3763	Ave		0.378 6			0.1000	17.1		20.0			
1,2-Dichloropropane	0.2476 0.2755	0.2608 0.2655	0.3163	0.2238	0.2617	Ave		0.264 4			0.1000	10.7		20.0			
t-Amyl ethyl ether	0.2697 0.3772	0.2940 0.3645	0.3532	0.2999	0.3654	Ave		0.332 0				12.9		20.0			
Methyl methacrylate	0.1594 0.2336	0.1862 0.2316	0.2223	0.1773	0.2148	Ave		0.203 6				14.3		20.0			
1,4-Dioxane	0.0553 0.0632	0.0424 0.0558	0.0591	0.0537	0.0593	Ave		0.055 5			0.0050	11.9		20.0			
Dibromomethane	0.1730 0.1626	0.1682 0.1593	0.1813	0.1385	0.1529	Ave		0.162 3				8.6		20.0			
Bromodichloromethane	0.2808 0.3057	0.2905 0.3061	0.3324	0.2437	0.2882	Ave		0.292 5			0.2000	9.4		20.0			
2-Nitropropane	0.6221 0.8371	0.6308 0.8552	0.7656	0.5865	0.7091	Ave		0.715 2				15.0		20.0			
2-Chloroethyl vinyl ether	++++ 0.1667	0.1096 0.1774	0.1412	0.1165	0.1511	Ave		0.143 7				18.7		20.0			
cis-1,3-Dichloropropene	0.2789 0.3549	0.2790 0.3893	0.3370	0.2688	0.3114	Ave		0.317 0			0.2000	14.3		20.0			
4-Methyl-2-pentanone (MIBK)	0.4296 0.5749	0.4355 0.5352	0.5617	0.4379	0.5153	Ave		0.498 6			0.1000	12.6		20.0			
Toluene	0.8100 0.9870	0.9027 0.9349	1.0290	0.7736	0.9493	Ave		0.912 3			0.4000	10.1		20.0			
trans-1,3-Dichloropropene	0.3642 0.4442	0.3740 0.4687	0.4511	0.3274	0.4210	Ave		0.407 2			0.1000	12.9		20.0			
Ethyl methacrylate	0.3684 0.5348	0.4163 0.5247	0.5020	0.4023	0.5172	Ave		0.466 5				14.7		20.0			
1,1,2-Trichloroethane	0.3172 0.3077	0.2939 0.2960	0.3463	0.2619	0.3074	Ave		0.304 3			0.1000	8.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tetrachloroethene	0.3394 0.3866	0.3707 0.3666	0.3769	0.3135	0.3716	Ave		0.360 7			0.2000	7.0		20.0			
1,3-Dichloropropane	0.4727 0.5203	0.4715 0.5142	0.5753	0.4261	0.4986	Ave		0.496 9				9.5		20.0			
2-Hexanone	0.4363 0.6317	0.4705 0.5355	0.6116	0.4405	0.5782	Ave		0.529 2			0.1000	15.4		20.0			
Dibromochloromethane	0.3091 0.3424	0.2820 0.3383	0.3463	0.2697	0.3366	Ave		0.317 8				9.8		20.0			
1,2-Dibromoethane (EDB)	0.2557 0.3164	0.2830 0.3058	0.3265	0.2499	0.3069	Ave		0.292 0			0.1000	10.2		20.0			
1-Chlorohexane	0.3687 0.4501	0.3920 0.4286	0.4358	0.3104	0.3844	Ave		0.395 7				12.1		20.0			
Chlorobenzene	0.9031 1.0044	0.9367 0.9703	1.0559	0.8286	0.9655	Ave		0.952 1			0.5000	7.7		20.0			
1,1,1,2-Tetrachloroethane	0.3582 0.3838	0.3532 0.3688	0.3836	0.3115	0.3804	Ave		0.362 8				7.1		20.0			
Ethylbenzene	1.4133 1.9243	1.5783 1.3801	1.9146	1.4332	1.8004	Ave		1.634 9			0.1000	14.7		20.0			
m&p-Xylene	0.5007 0.7415	0.6048 0.6666	0.7093	0.5670	0.7003	Ave		0.641 4			0.1000	13.6		20.0			
o-Xylene	0.4909 0.7765	0.6159 0.6952	0.7234	0.5960	0.7311	Ave		0.661 3			0.3000	14.9		20.0			
Styrene	0.6922 1.1497	0.8629 1.0484	1.0654	0.8927	1.0990	Ave		0.972 9			0.3000	16.7		20.0			
Bromoform	0.1953 0.2468	0.2143 0.2343	0.2287	0.2047	0.2370	Ave		0.223 0			0.1000	8.4		20.0			
Isopropylbenzene	1.1108 1.9994	1.4563 1.3457	1.7374	1.3847	1.7715	Ave		1.543 7			0.1000	19.7		20.0			
Cyclohexanone	0.1536 0.2737	0.2084 0.2485	0.2390	0.2143	0.2294	Ave		0.223 8				16.9		20.0			
1,1,2,2-Tetrachloroethane	1.0068 1.1218	1.0702 1.1477	1.2454	0.8830	1.1009	Ave		1.082 3			0.3000	10.6		20.0			
Bromobenzene	0.5914 0.7379	0.6365 0.7410	0.7019	0.5627	0.6975	Ave		0.667 0				10.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
trans-1,4-Dichloro-2-butene	+++++ 0.2639	+++++ 0.2975	0.2315	0.1532	0.2285	Lin1	-3.90 7	0.292 2							0.9910		0.9900
1,2,3-Trichloropropane	0.3758 0.3647	0.3650 0.3546	0.3942	0.2861	0.3576	Ave		0.356 8				9.5		20.0			
N-Propylbenzene	2.6323 3.9184	3.0600 2.5550	3.7598	2.6951	3.4148	Ave		3.147 9				17.7		20.0			
2-Chlorotoluene	0.5800 0.7684	0.6303 0.7744	0.7193	0.5659	0.7117	Ave		0.678 6				12.7		20.0			
1,3,5-Trimethylbenzene	+++++ 2.8563	1.8084 2.2866	2.3446	1.8299	2.4636	Ave		2.264 9				17.6		20.0			
4-Chlorotoluene	0.4697 0.7167	0.6294 0.7126	0.6897	0.5287	0.6691	Ave		0.630 8				15.2		20.0			
tert-Butylbenzene	+++++ 0.5197	0.2993 0.5655	0.3903	0.2989	0.4288	Lin1	-1.80 5	0.547 5							0.9900		0.9900
1,2,4-Trimethylbenzene	+++++ 2.8257	1.8141 2.3032	2.3513	1.8695	2.5670	Ave		2.288 5				17.2		20.0			
sec-Butylbenzene	+++++ 3.3053	2.0251 2.4165	2.7426	2.1062	2.7331	Ave		2.554 8				18.6		20.0			
1,3-Dichlorobenzene	1.1429 1.2724	1.1822 1.2851	1.2613	1.0305	1.2221	Ave		1.199 5			0.6000	7.5		20.0			
p-Isopropyltoluene	+++++ 2.8549	1.6814 2.2228	2.2350	1.8061	2.4274	Ave		2.204 6				19.3		20.0			
1,4-Dichlorobenzene	1.3053 1.2884	1.2013 1.2782	1.2908	1.0384	1.2364	Ave		1.234 1			0.5000	7.6		20.0			
1,2,3-Trimethylbenzene	1.8971 2.8334	2.0589 2.2809	2.5590	2.0214	2.5618	Ave		2.316 1				14.9		20.0			
Benzyl chloride	1.5841 1.9145	1.4875 1.9153	1.7793	1.3794	1.7631	Ave		1.689 0				12.4		20.0			
1,3-Diethylbenzene	+++++ 1.5430	1.0054 1.5156	1.2946	1.0158	1.3330	Ave		1.284 6				18.2		20.0			
1,4-Diethylbenzene	+++++ 1.6475	1.0664 1.5824	1.3771	1.1052	1.4207	Ave		1.366 6				17.5		20.0			
n-Butylbenzene	0.7890 1.3165	0.9161 1.2995	1.2364	0.9067	1.1116	Ave		1.082 2				19.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.2163 1.3835	1.2299 1.3430	1.3639	1.1149	1.3508	Ave		1.286 0			0.4000	7.8		20.0			
1,2-Diethylbenzene	++++ 1.3521	0.8809 1.3620	1.1493	0.8919	1.2020	Ave		1.139 7				18.7		20.0			
1,2-Dibromo-3-Chloropropane	0.3465 0.3595	0.3331 0.3602	0.3946	0.2935	0.3641	Ave		0.350 2			0.0500	8.9		20.0			
1,3,5-Trichlorobenzene	0.8269 0.8398	0.6896 0.7991	0.7448	0.6446	0.7957	Ave		0.762 9				9.6		20.0			
1,2,4-Trichlorobenzene	0.8370 0.8182	0.6739 0.7601	0.6921	0.5937	0.7508	Ave		0.732 3			0.2000	11.7		20.0			
Hexachlorobutadiene	0.4051 0.3254	0.2664 0.3083	0.2611	0.2247	0.2943	Ave		0.297 9				19.4		20.0			
Naphthalene	2.8797 3.9303	2.6358 2.5055	3.2561	2.8842	3.9195	Ave		3.144 4				18.5		20.0			
1,2,3-Trichlorobenzene	0.8940 0.8592	0.6783 0.8114	0.7656	0.6856	0.8527	Ave		0.792 4				10.8		20.0			
2-Methylnaphthalene	++++ 1.9659	1.0257 1.9605	1.1998	1.1963	1.8031	Lin1	-6.10 3	1.966 0							0.9960		0.9900
Dibromofluoromethane (Surr)	0.2845 0.2624	0.2776 0.2413	0.2770	0.2758	0.2676	Ave		0.269 5				5.3		20.0			
1,2-Dichloroethane-d4 (Surr)	0.0706 0.0707	0.0734 0.0688	0.0704	0.0686	0.0700	Ave		0.070 3				2.2		20.0			
Toluene-d8 (Surr)	1.3265 1.4288	1.4039 1.3715	1.4855	1.4410	1.4567	Ave		1.416 3				3.8		20.0			
4-Bromofluorobenzene (Surr)	0.4800 0.4949	0.5466 0.4943	0.5460	0.5152	0.5010	Ave		0.511 2				5.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-710355/12	FC07X65.D
Level 2	IC 410-710355/13	FC07X66.D
Level 3	IC 410-710355/14	FC07X67.D
Level 4	IC 410-710355/15	FC07X55.D
Level 5	ICIS 410-710355/16	FC07X56.D
Level 6	IC 410-710355/17	FC07X57.D
Level 7	IC 410-710355/18	FC07X58.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	24781 3254165	116901 9312796	379951	402034	1500945	1.00 100	4.00 300	10.0	20.0	50.0
Chloromethane	FB	Ave	33633 3502725	146432 11271043	459393	574877	1859606	1.00 100	4.00 300	10.0	20.0	50.0
Vinyl chloride	FB	Ave	32599 3269256	126414 9556813	399737	482772	1545243	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Butadiene	FB	Ave	37141 3557773	171091 9863512	527662	554295	1739331	1.00 100	4.00 300	10.0	20.0	50.0
Bromomethane	FB	Ave	16877 1883700	76303 5271641	230044	303649	913445	1.00 100	4.00 300	10.0	20.0	50.0
Chloroethane	FB	Ave	17723 1753275	69933 4858621	220126	266038	808555	1.00 100	4.00 300	10.0	20.0	50.0
Dichlorofluoromethane	FB	Ave	40383 4237020	169843 12543545	543947	644542	2198699	1.00 100	4.00 300	10.0	20.0	50.0
Trichlorofluoromethane	FB	Ave	26654 3429220	130568 10270412	416979	461885	1747612	1.00 100	4.00 300	10.0	20.0	50.0
n-Pentane	FB	Lin	35077 3024563	154294 9969022	488325	395013	1553688	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl ether	FB	Ave	16974 1366268	67173 4104243	180258	221536	725907	1.00 100	4.00 300	10.0	20.0	50.0
Freon 123a	FB	Ave	24176 2288375	94598 6815655	305934	324093	1103217	1.00 100	4.00 300	10.0	20.0	50.0
Acrolein	TBA d10	Ave	93491 8210006	341017 23997856	1008353	1205983	3741193	9.76 976	39.0 2927	97.6	195	488
1,1-Dichloroethene	FB	Ave	18943 1603942	80930 4931449	212009	242666	761453	1.00 100	4.00 300	10.0	20.0	50.0
Freon 113	FB	Ave	17509 1698428	82862 4949855	225284	232908	757124	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

Analy Batch No.: 710355

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Acetone	TBA01	Ave	++++ 1016621	47470 2711163	109781	130091	423412	++++ 200	8.00 600	20.0	40.0	100
Methyl iodide	FB	Ave	30544 2733751	126491 7757796	346959	446376	1219050	1.00 100	4.00 300	10.0	20.0	50.0
2-Propanol	TBA01	Ave	++++ 2207658	101040 6691473	319732	335737	1015170	++++ 500	20.0 1500	50.0	100	250
Carbon disulfide	FB	Ave	++++ 4855775	234010 14378124	749961	744580	2347299	++++ 100	4.00 300	10.0	20.0	50.0
Methyl acetate	FB	Lin1	43680 2266418	98324 6924724	353093	349454	1205290	1.00 100	4.00 300	10.0	20.0	50.0
Allyl chloride	FB	Ave	++++ 2310715	94822 7461295	373196	335730	1195505	++++ 100	4.00 300	10.0	20.0	50.0
Methylene Chloride	FB	Ave	17251 1613207	68555 5037794	248432	258065	862720	1.00 100	4.00 300	10.0	20.0	50.0
t-Butyl alcohol	TBA01	Ave	33389 3387401	133265 10210294	551338	517705	1827689	5.00 500	20.0 1500	50.0	100	250
Acrylonitrile	FB	Ave	32992 3041052	127494 9447582	483678	481617	1657666	2.50 250	10.0 750	25.0	50.0	125
trans-1,2-Dichloroethene	FB	Ave	15422 1455835	62162 4383452	221012	229180	765661	1.00 100	4.00 300	10.0	20.0	50.0
Methyl tert-butyl ether	FB	Ave	36961 3838696	143173 11838468	549865	585729	2004105	1.00 100	4.00 300	10.0	20.0	50.0
n-Hexane	FB	Ave	12900 1739681	59102 5208524	235834	192095	699653	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloroethane	FB	Ave	24360 2850132	108631 8311692	401210	401787	1427389	1.00 100	4.00 300	10.0	20.0	50.0
Isopropyl ether	FB	Ave	35023 4493825	155383 13522347	610699	584556	2325143	1.00 100	4.00 300	10.0	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	17488 2348976	75824 7287079	309584	308142	1193391	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl t-butyl ether	FB	Ave	29114 3912957	131252 11461023	486182	512173	1914272	1.00 100	4.00 300	10.0	20.0	50.0
2-Butanone (MEK)	FB	Ave	29059 3743838	110302 11212142	457155	432709	1781184	2.00 200	8.00 600	20.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	19061 1659344	63784 4862862	229051	240638	858253	1.00 100	4.00 300	10.0	20.0	50.0
2,2-Dichloropropane	FB	Ave	18633 2227579	81757 6639004	296254	303605	1119520	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propionitrile	TBA01	Ave	25019 3085085	106052 9208011	421943	424818	1620030	5.00 500	20.0 1500	50.0	100	250
Methacrylonitrile	FB	Ave	18624 2575546	81099 7960231	320928	329842	1305878	2.50 250	10.0 750	25.0	50.0	125
Bromochloromethane	FB	Ave	7497 820063	32523 2353986	107230	122421	423743	1.00 100	4.00 300	10.0	20.0	50.0
Tetrahydrofuran	TBA01	Ave	15948 2502084	78593 7701400	308755	329781	1307052	5.00 500	20.0 1500	50.0	100	250
Chloroform	FB	Ave	20813 2551615	97362 7466662	361186	377470	1353520	1.00 100	4.00 300	10.0	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	17829 2264198	83470 6645789	304157	317723	1101531	1.00 100	4.00 300	10.0	20.0	50.0
Cyclohexane	FB	Ave	16997 2847694	92291 8500383	369589	321368	1247410	1.00 100	4.00 300	10.0	20.0	50.0
Carbon tetrachloride	FB	Ave	13744 1947882	69921 5875659	261256	267599	916257	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloropropene	FB	Ave	15306 2024933	67275 6329415	259869	256982	918246	1.00 100	4.00 300	10.0	20.0	50.0
Isobutyl alcohol	TBA01	Ave	23862 2869010	89764 8612026	388259	389825	1518272	12.5 1250	50.0 3750	125	250	625
Benzene	FB	Ave	46972 6055423	213484 18726422	816904	838061	3035548	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichloroethane	FB	Ave	13645 1876800	71529 5817508	259326	262632	899946	1.00 100	4.00 300	10.0	20.0	50.0
t-Amyl methyl ether	FB	Ave	25311 3861799	124405 11781145	478084	527748	1843726	1.00 100	4.00 300	10.0	20.0	50.0
n-Heptane	FB	Ave	11019 1430309	48649 4298999	204043	168302	596144	1.00 100	4.00 300	10.0	20.0	50.0
n-Butanol	TBA01	Ave	14205 2073750	57380 6833768	229532	251096	999231	12.5 1250	50.0 3750	125	250	625
Trichloroethene	FB	Ave	9927 1419424	49950 4498774	184693	188557	652594	1.00 100	4.00 300	10.0	20.0	50.0
Methylcyclohexane	FB	Ave	13055 2430719	71468 7367977	285426	265071	984796	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichloropropane	FB	Ave	10994 1467422	51428 4626665	206126	197632	684808	1.00 100	4.00 300	10.0	20.0	50.0
t-Amyl ethyl ether	FB	Ave	11975	57987	230202	264864	956093	1.00	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2009332	6352174				100	300			
Methyl methacrylate	FB	Ave	7080 1244096	36711 4035699	144883	156624	562170	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Dioxane	TBA01	Ave	5323 613593	16773 1779207	81040	94218	310494	12.5 1250	50.0 3750	125	250	625
Dibromomethane	FB	Ave	7684 865844	33163 2776888	118166	122355	400048	1.00 100	4.00 300	10.0	20.0	50.0
Bromodichloromethane	FB	Ave	12471 1628161	57286 5335292	216624	215225	754213	1.00 100	4.00 300	10.0	20.0	50.0
2-Nitropropane	TBA01	Ave	23974 3253094	99720 10904522	419679	411427	1484699	5.00 500	20.0 1500	50.0	100	250
2-Chloroethyl vinyl ether	FB	Ave	++++ 887977	21622 3091093	92039	102851	395289	++++ 100	4.00 300	10.0	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	12384 1890266	55017 6783789	219647	237388	814782	1.00 100	4.00 300	10.0	20.0	50.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	38150 6124202	171775 18655501	732166	773504	2697071	2.00 200	8.00 600	20.0	40.0	100
Toluene	CBZd5	Ave	24855 3462389	118291 11310225	430791	464104	1495720	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,3-Dichloropropene	CBZd5	Ave	11176 1558293	49008 5670442	188857	196451	663263	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl methacrylate	CBZd5	Ave	11303 1876288	54557 6347083	210177	241374	814969	1.00 100	4.00 300	10.0	20.0	50.0
1,1,2-Trichloroethane	CBZd5	Ave	9732 1079291	38519 3581223	144980	157140	484267	1.00 100	4.00 300	10.0	20.0	50.0
Tetrachloroethene	CBZd5	Ave	10414 1356075	48578 4435310	157784	188060	585420	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Dichloropropane	CBZd5	Ave	14503 1825205	61786 6220527	240866	255645	785581	1.00 100	4.00 300	10.0	20.0	50.0
2-Hexanone	CBZd5	Ave	26775 4432211	123307 12955858	512154	528540	1821889	2.00 200	8.00 600	20.0	40.0	100
Dibromochloromethane	CBZd5	Ave	9486 1201244	36954 4092142	145000	161791	530359	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dibromoethane (EDB)	CBZd5	Ave	7847 1110020	37092 3699410	136700	149904	483473	1.00 100	4.00 300	10.0	20.0	50.0
1-Chlorohexane	CBZd5	Ave	11314 1578979	51365 5184748	182455	186203	605629	1.00 100	4.00 300	10.0	20.0	50.0
Chlorobenzene	CBZd5	Ave	27712 3523656	122751 11737743	442055	497132	1521305	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

Analy Batch No.: 710355

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,1,2-Tetrachloroethane	CBZd5	Ave	10990 1346280	46280 4461417	160609	186898	599423	1.00 100	4.00 300	10.0	20.0	50.0
Ethylbenzene	CBZd5	Ave	43365 6750530	206830 16696069	801568	859850	2836667	1.00 100	4.00 300	10.0	20.0	50.0
m&p-Xylene	CBZd5	Ave	30726 5202519	158502 16128352	593880	680407	2206650	2.00 200	8.00 600	20.0	40.0	100
o-Xylene	CBZd5	Ave	15062 2724084	80711 8410348	302871	357593	1151929	1.00 100	4.00 300	10.0	20.0	50.0
Styrene	CBZd5	Ave	21241 4033412	113085 12683015	446068	535591	1731592	1.00 100	4.00 300	10.0	20.0	50.0
Bromoform	CBZd5	Ave	5992 865692	28088 2834759	95761	122833	373398	1.00 100	4.00 300	10.0	20.0	50.0
Isopropylbenzene	CBZd5	Ave	34084 7014128	190840 16279878	727412	830771	2791081	1.00 100	4.00 300	10.0	20.0	50.0
Cyclohexanone	TBA d10	Ave	59178 2659296	329419 7921988	655125	751687	1200607	50.0 1250	200 3750	250	500	625
1,1,2,2-Tetrachloroethane	DCBd4	Ave	18455 2156791	87111 7548020	305855	321221	988317	1.00 100	4.00 300	10.0	20.0	50.0
Bromobenzene	DCBd4	Ave	10840 1418720	51806 4873357	172364	204714	626170	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Lin1	++++ 1268294	++++ 4891921	142101	139310	512852	++++ 250	++++ 750	25.0	50.0	125
1,2,3-Trichloropropane	DCBd4	Ave	6889 701202	29706 2332087	96804	104082	320978	1.00 100	4.00 300	10.0	20.0	50.0
N-Propylbenzene	DCBd4	Ave	48252 7533749	249076 16803649	923352	980469	3065477	1.00 100	4.00 300	10.0	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	10632 1477474	51303 5092856	176638	205869	638854	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	++++ 5491623	147196 15038404	575783	665724	2211589	++++ 100	4.00 300	10.0	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	8609 1378059	51227 4686549	169387	192326	600689	1.00 100	4.00 300	10.0	20.0	50.0
tert-Butylbenzene	DCBd4	Lin1	++++ 999251	24364 3719289	95854	108725	384970	++++ 100	4.00 300	10.0	20.0	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	++++ 5432932	147659 15147605	577448	680107	2304350	++++ 100	4.00 300	10.0	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	++++ 6355089	164840 15892917	673538	766219	2453484	++++ 100	4.00 300	10.0	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	20950	96229	309762	374880	1097037	1.00	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2446351	8451953				100	300			
p-Isopropyltoluene	DCBd4	Ave	++++ 5489086	136864 14618700	548881	657040	2179028	++++ 100	4.00 300	10.0	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	23927 2477075	97785 8406521	317001	377762	1109906	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trimethylbenzene	DCBd4	Ave	34775 5447687	167587 15001200	628445	735382	2299719	1.00 100	4.00 300	10.0	20.0	50.0
Benzyl chloride	DCBd4	Ave	29037 3680886	121075 12596241	436976	501822	1582708	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Diethylbenzene	DCBd4	Ave	++++ 2966628	81840 9967721	317925	369558	1196635	++++ 100	4.00 300	10.0	20.0	50.0
1,4-Diethylbenzene	DCBd4	Ave	++++ 3167532	86803 10407007	338199	402065	1275380	++++ 100	4.00 300	10.0	20.0	50.0
n-Butylbenzene	DCBd4	Ave	14462 2531097	74568 8546511	303649	329852	997867	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	22295 2659990	100106 8832660	334958	405611	1212564	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Diethylbenzene	DCBd4	Ave	++++ 2599625	71701 8957248	282261	324474	1079062	++++ 100	4.00 300	10.0	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	6352 691124	27115 2369253	96908	106757	326880	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	15158 1614600	56127 5255358	182908	234516	714268	1.00 100	4.00 300	10.0	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	15343 1573210	54854 4998962	169968	215991	674005	1.00 100	4.00 300	10.0	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	7426 625675	21684 2027363	64126	81729	264189	1.00 100	4.00 300	10.0	20.0	50.0
Naphthalene	DCBd4	Ave	52786 7556752	214543 16478012	799637	1049251	3518480	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	16387 1651982	55211 5336563	188029	249419	765478	1.00 100	4.00 300	10.0	20.0	50.0
2-Methylnaphthalene	DCBd4	Lin1	++++ 3779783	83485 12893602	294659	435222	1618627	++++ 100	4.00 300	10.0	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	631706 698810	684335 700861	902649	608924	700238	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	156646 188171	180847 199696	229523	151542	183160	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZd5	Ave	2035206 2506207	2299674 2765324	3109609	2161392	2295199	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	CBZd5	Ave	736395	895456	1142953	772717	789382	50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			868165	996720				50.0	50.0			

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-710355/12	FC07X65.D
Level 2	IC 410-710355/13	FC07X66.D
Level 3	IC 410-710355/14	FC07X67.D
Level 4	IC 410-710355/15	FC07X55.D
Level 5	ICIS 410-710355/16	FC07X56.D
Level 6	IC 410-710355/17	FC07X57.D
Level 7	IC 410-710355/18	FC07X58.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Dichlorodifluoromethane	0.0 -4.3	6.2	4.4	-18.5	2.7	9.4	50 30	30	30	30	30	30
Chloromethane	8.8 -7.1	6.7	1.3	-6.5	2.1	-5.5	50 30	30	30	30	30	30
Vinyl chloride	19.8 -10.5	4.7	0.1	-10.8	-3.6	0.2	50 30	30	30	30	30	30
1,3-Butadiene	16.2 -21.4	20.5	12.5	-12.8	-7.7	-7.2	50 30	30	30	30	30	30
Bromomethane	7.8 -14.2	9.7	0.1	-2.5	-1.0	0.3	50 30	30	30	30	30	30
Chloroethane	21.0 -15.5	7.5	2.4	-8.7	-6.4	-0.2	50 30	30	30	30	30	30
Dichlorofluoromethane	11.9 -11.5	5.9	2.7	-10.2	3.4	-2.1	50 30	30	30	30	30	30
Trichlorofluoromethane	-2.9 -4.6	7.1	3.5	-15.4	8.1	4.2	50 30	30	30	30	30	30
n-Pentane	-1.7 0.1	27.0	27.3	-23.6	3.2	-0.9	50 30	30	30	30	30	30
Ethyl ether	32.5 -18.4	18.1	-4.1	-13.1	-3.9	-11.1	50 30	30	30	30	30	30
Freon 123a	22.8 -11.8	8.2	5.9	-17.2	-4.9	-3.1	50 30	30	30	30	30	30
Acrolein	22.0 -5.4	8.5	-7.5	-13.6	-10.2	6.2	50 30	30	30	30	30	30
1,1-Dichloroethene	29.1 -14.3	24.2	-1.5	-16.8	-11.9	-8.8	50 30	30	30	30	30	30
Freon 113	19.2 -14.2	27.0	4.5	-20.3	-12.6	-3.6	50 30	30	30	30	30	30
Acetone	++++ -6.4	32.2	-11.8	-18.3	-10.9	15.2	30	50	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Methyl iodide	27.0 -17.8	18.4	-1.7	-6.7	-14.0	-5.2	50 30	30	30	30	30	30
2-Propanol	++++ -4.0	17.0	6.7	-12.4	-11.3	4.0	30	50	30	30	30	30
Carbon disulfide	++++ -14.9	22.5	18.8	-13.0	-7.4	-5.9	30	50	30	30	30	30
Methyl acetate	-5.8 -2.6	-14.2	18.7	-9.9	10.5	3.3	50 30	30	30	30	30	30
Allyl chloride	++++ -6.7	4.8	24.8	-17.1	-0.4	-5.4	30	50	30	30	30	30
Methylene Chloride	16.7 -13.2	4.4	14.5	-12.3	-1.0	-9.1	50 30	30	30	30	30	30
t-Butyl alcohol	1.1 -6.6	-1.6	17.4	-13.9	1.9	1.7	50 30	30	30	30	30	30
Acrylonitrile	17.6 -14.2	2.3	17.4	-13.7	0.2	-9.7	50 30	30	30	30	30	30
trans-1,2-Dichloroethene	17.0 -15.3	6.2	14.2	-12.6	-1.5	-8.0	50 30	30	30	30	30	30
Methyl tert-butyl ether	11.4 -9.1	-2.8	12.9	-11.3	2.5	-3.6	50 30	30	30	30	30	30
n-Hexane	-1.4 1.4	1.7	22.8	-26.2	-9.3	10.9	50 30	30	30	30	30	30
1,1-Dichloroethane	3.0 -10.4	3.4	15.6	-14.6	2.4	0.5	50 30	30	30	30	30	30
Isopropyl ether	-2.9 -4.4	-3.0	15.4	-18.5	9.4	3.9	50 30	30	30	30	30	30
2-Chloro-1,3-butadiene	-5.5 0.3	-7.7	14.0	-16.3	9.4	5.8	50 30	30	30	30	30	30
Ethyl t-butyl ether	-3.8 -3.5	-2.3	9.5	-14.9	7.3	7.8	50 30	30	30	30	30	30
2-Butanone (MEK)	3.4 1.6	-11.7	10.8	-22.6	7.5	11.0	50 30	30	30	30	30	30
cis-1,2-Dichloroethene	30.9 -14.9	-1.4	7.2	-16.9	0.0	-5.0	50 30	30	30	30	30	30
2,2-Dichloropropane	2.7 -6.7	1.5	11.3	-15.8	4.7	2.4	50 30	30	30	30	30	30
Propionitrile	-8.8 1.4	-5.8	8.1	-15.0	8.6	11.5	50 30	30	30	30	30	30
Methacrylonitrile	-6.4 2.0	-8.2	9.9	-16.6	11.4	7.9	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Bromochloromethane	8.6 -13.1	6.1	5.9	-10.8	4.2	-0.9	50 30	30	30	30	30	30
Tetrahydrofuran	-24.1 10.8	-8.8	3.3	-13.8	14.5	18.1	50 30	30	30	30	30	30
Chloroform	-2.6 -11.0	2.6	15.2	-11.2	7.5	-0.5	50 30	30	30	30	30	30
1,1,1-Trichloroethane	-2.4 -7.3	2.9	13.5	-12.5	2.4	3.4	50 30	30	30	30	30	30
Cyclohexane	-18.3 4.1	-0.1	21.0	-22.4	1.7	14.1	50 30	30	30	30	30	30
Carbon tetrachloride	-10.5 -2.5	2.5	15.9	-12.4	1.2	5.7	50 30	30	30	30	30	30
1,1-Dichloropropene	-2.3 2.9	-3.3	13.0	-17.5	-0.5	7.7	50 30	30	30	30	30	30
Isobutyl alcohol	-5.6 3.0	-13.4	8.0	-15.3	10.6	12.6	50 30	30	30	30	30	30
Benzene	-4.0 -2.5	-1.8	13.7	-13.9	5.3	3.2	50 30	30	30	30	30	30
1,2-Dichloroethane	-10.2 -2.5	6.0	16.3	-13.1	0.5	3.0	50 30	30	30	30	30	30
t-Amyl methyl ether	-14.0 2.0	-4.8	10.7	-9.8	6.3	9.4	50 30	30	30	30	30	30
n-Heptane	-0.3 -0.8	-0.8	25.8	-23.4	-8.4	7.9	50 30	30	30	30	30	30
n-Butanol	-15.5 22.8	-16.8	-4.1	-18.0	9.4	22.3	50 30	30	30	30	30	30
Trichloroethene	-10.5 3.4	1.4	13.5	-14.5	-0.1	6.7	50 30	30	30	30	30	30
Methylcyclohexane	-22.3 11.7	-4.3	15.7	-20.7	-0.6	20.5	50 30	30	30	30	30	30
1,2-Dichloropropane	-6.4 0.4	-1.4	19.6	-15.4	-1.0	4.2	50 30	30	30	30	30	30
t-Amyl ethyl ether	-18.8 9.8	-11.4	6.4	-9.7	10.1	13.6	50 30	30	30	30	30	30
Methyl methacrylate	-21.7 13.7	-8.6	9.2	-12.9	5.5	14.7	50 30	30	30	30	30	30
1,4-Dioxane	-0.5 0.5	-23.6	6.5	-3.3	6.8	13.7	50 30	30	30	30	30	30
Dibromomethane	6.6 -1.8	3.6	11.7	-14.6	-5.8	0.2	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Bromodichloromethane	-4.0 4.7	-0.7	13.6	-16.7	-1.5	4.5	50 30	30	30	30	30	30
2-Nitropropane	-13.0 19.6	-11.8	7.0	-18.0	-0.9	17.0	50 30	30	30	30	30	30
2-Chloroethyl vinyl ether	++++ 23.4	-23.7	-1.7	-19.0	5.1	16.0	30	50	30	30	30	30
cis-1,3-Dichloropropene	-12.0 22.8	-12.0	6.3	-15.2	-1.8	11.9	50 30	30	30	30	30	30
4-Methyl-2-pentanone (MIBK)	-13.8 7.3	-12.6	12.7	-12.2	3.4	15.3	50 30	30	30	30	30	30
Toluene	-11.2 2.5	-1.1	12.8	-15.2	4.1	8.2	50 30	30	30	30	30	30
trans-1,3-Dichloropropene	-10.6 15.1	-8.2	10.8	-19.6	3.4	9.1	50 30	30	30	30	30	30
Ethyl methacrylate	-21.0 12.5	-10.8	7.6	-13.8	10.9	14.6	50 30	30	30	30	30	30
1,1,2-Trichloroethane	4.2 -2.7	-3.4	13.8	-13.9	1.0	1.1	50 30	30	30	30	30	30
Tetrachloroethene	-5.9 1.6	2.8	4.5	-13.1	3.0	7.2	50 30	30	30	30	30	30
1,3-Dichloropropane	-4.9 3.5	-5.1	15.8	-14.3	0.3	4.7	50 30	30	30	30	30	30
2-Hexanone	-17.6 1.2	-11.1	15.6	-16.8	9.3	19.4	50 30	30	30	30	30	30
Dibromochloromethane	-2.7 6.4	-11.3	9.0	-15.1	5.9	7.8	50 30	30	30	30	30	30
1,2-Dibromoethane (EDB)	-12.4 4.7	-3.1	11.8	-14.4	5.1	8.4	50 30	30	30	30	30	30
1-Chlorohexane	-6.8 8.3	-0.9	10.1	-21.6	-2.9	13.7	50 30	30	30	30	30	30
Chlorobenzene	-5.1 1.9	-1.6	10.9	-13.0	1.4	5.5	50 30	30	30	30	30	30
1,1,1,2-Tetrachloroethane	-1.3 1.7	-2.7	5.7	-14.1	4.9	5.8	50 30	30	30	30	30	30
Ethylbenzene	-13.6 -15.6	-3.5	17.1	-12.3	10.1	17.7	50 30	30	30	30	30	30
m&p-Xylene	-21.9 3.9	-5.7	10.6	-11.6	9.2	15.6	50 30	30	30	30	30	30
o-Xylene	-25.8 5.1	-6.9	9.4	-9.9	10.6	17.4	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Styrene	-28.8 7.8	-11.3	9.5	-8.2	13.0	18.2	50 30	30	30	30	30	30
Bromoform	-12.4 5.1	-3.9	2.6	-8.2	6.3	10.6	50 30	30	30	30	30	30
Isopropylbenzene	-28.0 -12.8	-5.7	12.6	-10.3	14.8	29.5	50 30	30	30	30	30	30
Cyclohexanone	-31.4 11.0	-6.9	6.8	-4.3	2.5	22.3	50 30	30	30	30	30	30
1,1,2,2-Tetrachloroethane	-7.0 6.0	-1.1	15.1	-18.4	1.7	3.7	50 30	30	30	30	30	30
Bromobenzene	-11.3 11.1	-4.6	5.2	-15.6	4.6	10.6	50 30	30	30	30	30	30
trans-1,4-Dichloro-2-butene	++++ 3.6	++++	32.7	-20.8	-11.1	-4.4	30		50	30	30	30
1,2,3-Trichloropropane	5.3 -0.6	2.3	10.5	-19.8	0.2	2.2	50 30	30	30	30	30	30
N-Propylbenzene	-16.4 -18.8	-2.8	19.4	-14.4	8.5	24.5	50 30	30	30	30	30	30
2-Chlorotoluene	-14.5 14.1	-7.1	6.0	-16.6	4.9	13.2	50 30	30	30	30	30	30
1,3,5-Trimethylbenzene	++++ 1.0	-20.2	3.5	-19.2	8.8	26.1	30	50	30	30	30	30
4-Chlorotoluene	-25.6 13.0	-0.2	9.3	-16.2	6.1	13.6	50 30	30	30	30	30	30
tert-Butylbenzene	++++ 4.4	37.1	4.3	-28.9	-15.1	-1.8	30	50	30	30	30	30
1,2,4-Trimethylbenzene	++++ 0.6	-20.7	2.7	-18.3	12.2	23.5	30	50	30	30	30	30
sec-Butylbenzene	++++ -5.4	-20.7	7.4	-17.6	7.0	29.4	30	50	30	30	30	30
1,3-Dichlorobenzene	-4.7 7.1	-1.4	5.2	-14.1	1.9	6.1	50 30	30	30	30	30	30
p-Isopropyltoluene	++++ 0.8	-23.7	1.4	-18.1	10.1	29.5	30	50	30	30	30	30
1,4-Dichlorobenzene	5.8 3.6	-2.7	4.6	-15.9	0.2	4.4	50 30	30	30	30	30	30
1,2,3-Trimethylbenzene	-18.1 -1.5	-11.1	10.5	-12.7	10.6	22.3	50 30	30	30	30	30	30
Benzyl chloride	-6.2 13.4	-11.9	5.3	-18.3	4.4	13.3	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
1,3-Diethylbenzene	++++ 18.0	-21.7	0.8	-20.9	3.8	20.1	30	50	30	30	30	30
1,4-Diethylbenzene	++++ 15.8	-22.0	0.8	-19.1	4.0	20.6	30	50	30	30	30	30
n-Butylbenzene	-27.1 20.1	-15.4	14.2	-16.2	2.7	21.6	50 30	30	30	30	30	30
1,2-Dichlorobenzene	-5.4 4.4	-4.4	6.1	-13.3	5.0	7.6	50 30	30	30	30	30	30
1,2-Diethylbenzene	++++ 19.5	-22.7	0.8	-21.7	5.5	18.6	30	50	30	30	30	30
1,2-Dibromo-3-Chloropropane	-1.1 2.9	-4.9	12.7	-16.2	4.0	2.6	50 30	30	30	30	30	30
1,3,5-Trichlorobenzene	8.4 4.7	-9.6	-2.4	-15.5	4.3	10.1	50 30	30	30	30	30	30
1,2,4-Trichlorobenzene	14.3 3.8	-8.0	-5.5	-18.9	2.5	11.7	50 30	30	30	30	30	30
Hexachlorobutadiene	36.0 3.5	-10.6	-12.3	-24.6	-1.2	9.2	50 30	30	30	30	30	30
Naphthalene	-8.4 -20.3	-16.2	3.6	-8.3	24.6	25.0	50 30	30	30	30	30	30
1,2,3-Trichlorobenzene	12.8 2.4	-14.4	-3.4	-13.5	7.6	8.4	50 30	30	30	30	30	30
2-Methylnaphthalene	++++ 0.8	29.8	-7.9	-23.6	-2.1	3.1	30	50	30	30	30	30
Dibromofluoromethane (Surr)	5.6 -10.5	3.0	2.8	2.4	-0.7	-2.6	50 30	30	30	30	30	30
1,2-Dichloroethane-d4 (Surr)	0.3 -2.3	4.3	0.1	-2.4	-0.5	0.4	50 30	30	30	30	30	30
Toluene-d8 (Surr)	-6.3 -3.2	-0.9	4.9	1.7	2.9	0.9	50 30	30	30	30	30	30
4-Bromofluorobenzene (Surr)	-6.1 -3.3	6.9	6.8	0.8	-2.0	-3.2	50 30	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
 Lims ID: IC v1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 07-Oct-2025 23:07:11 ALS Bottle#: 15 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC V1
 Misc. Info.: 410-0162303-012
 Operator ID: mcd07824 Instrument ID: 15830
 Sublist: chrom-MSVoa_15830_PT2*sub24
 Method: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 06:39:35 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1615

First Level Reviewer: Y6ZN

Date: 08-Oct-2025 00:31:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.946	1.936	0.010	77	24781	1.00	1.00	
4 Chloromethane	50	2.133	2.133	0.000	95	33633	1.00	1.09	
5 Vinyl chloride	62	2.252	2.245	0.007	93	32599	1.00	1.20	
6 Butadiene	39	2.261	2.264	-0.003	96	37141	1.00	1.16	
8 Bromomethane	94	2.592	2.589	0.003	88	16877	1.00	1.08	
9 Chloroethane	64	2.689	2.682	0.007	60	17723	1.00	1.21	M
10 Dichlorofluoromethane	67	2.924	2.930	-0.006	74	40383	1.00	1.12	
11 Trichlorofluoromethane	101	3.001	2.981	0.020	52	26654	1.00	0.9712	
12 Pentane	43	3.010	3.014	-0.004	84	35077	1.00	0.9825	M
14 Ethyl ether	59	3.245	3.242	0.003	79	16974	1.00	1.33	M
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.351	3.338	0.013	48	24176	1.00	1.23	
16 Acrolein	56	3.422	3.419	0.003	96	93491	9.76	11.9	
17 1,1-Dichloroethene	96	3.547	3.570	-0.023	55	18943	1.00	1.29	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.599	3.586	0.013	33	17509	1.00	1.19	M
19 Acetone	58	3.596	3.596	0.000	91	11932	2.00	2.73	M
21 Iodomethane	142	3.763	3.760	0.003	56	30544	1.00	1.27	
22 Isopropyl alcohol	45	3.769	3.798	-0.029	37	43702	5.00	10.4	M
23 Carbon disulfide	76	3.853	3.875	-0.022	79	72217	1.00	1.68	M
24 Methyl acetate	43	4.023	4.030	-0.007	96	43680	1.00	0.9424	M
25 3-Chloro-1-propene	41	4.033	4.030	0.003	90	33788	1.00	1.66	
26 Methylene Chloride	84	4.235	4.242	-0.007	33	17251	1.00	1.17	
* 27 t-Butyl alcohol-d10 (IS)	65	4.313	4.277	0.036	98	1926785	250.0	250.0	
28 2-Methyl-2-propanol	59	4.457	4.409	0.048	35	33389	5.00	5.06	
31 Acrylonitrile	53	4.595	4.592	0.003	74	32992	2.50	2.94	
33 Methyl tert-butyl ether	73	4.666	4.637	0.029	57	36961	1.00	1.11	M
32 trans-1,2-Dichloroethene	96	4.647	4.640	0.007	90	15422	1.00	1.17	M
34 Hexane	57	5.065	5.081	-0.016	71	12900	1.00	0.9860	M
35 1,1-Dichloroethane	63	5.316	5.316	0.000	67	24360	1.00	1.03	M
36 Isopropyl ether	45	5.386	5.390	-0.004	95	35023	1.00	0.9713	M
37 2-Chloro-1,3-butadiene	53	5.422	5.428	-0.006	64	17488	1.00	0.9449	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	5.930	5.936	-0.006	93	29114	1.00	0.9619	M
41 2-Butanone (MEK)	43	6.158	6.142	0.016	84	29059	2.00	2.07	
S 40 1,2-Dichloroethene, Total	100				0			2.48	
42 cis-1,2-Dichloroethene	96	6.168	6.161	0.007	85	19061	1.00	1.31	
43 2,2-Dichloropropane	77	6.190	6.190	0.000	29	18633	1.00	1.03	M
44 Propionitrile	54	6.255	6.251	0.004	88	25019	5.00	4.56	
45 Methacrylonitrile	67	6.460	6.451	0.009	31	18624	2.50	2.34	M
46 Chlorobromomethane	128	6.489	6.496	-0.007	91	7497	1.00	1.09	
47 Tetrahydrofuran	71	6.525	6.515	0.010	74	15948	5.00	3.80	
48 Chloroform	83	6.644	6.647	-0.003	89	20813	1.00	0.9739	M
\$ 49 Dibromofluoromethane (Surr)	113	6.862	6.862	0.000	93	631706	50.0	52.8	
50 1,1,1-Trichloroethane	97	6.878	6.878	0.000	62	17829	1.00	0.9763	M
51 Cyclohexane	56	6.956	6.968	-0.012	84	16997	1.00	0.8166	M
52 1,1-Dichloropropene	75	7.068	7.084	-0.016	91	15306	1.00	0.9769	M
53 Carbon tetrachloride	117	7.087	7.087	0.000	80	13744	1.00	0.8949	M
56 Isobutyl alcohol	41	7.287	7.277	0.010	30	23862	12.5	11.8	M
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.328	7.325	0.003	98	156646	50.0	50.1	
58 Benzene	78	7.341	7.351	-0.010	89	46972	1.00	0.9598	
59 1,2-Dichloroethane	62	7.428	7.428	0.000	96	13645	1.00	0.8979	
60 Tert-amyl methyl ether	73	7.566	7.554	0.012	91	25311	1.00	0.8603	M
* 61 Fluorobenzene (IS)	96	7.763	7.759	0.004	99	2220344	50.0	50.0	
62 n-Heptane	43	7.766	7.766	0.000	36	11019	1.00	1.00	M
63 n-Butanol	56	8.152	8.148	0.004	23	14205	12.5	10.6	M
64 Trichloroethene	95	8.238	8.242	-0.004	92	9927	1.00	0.8953	M
65 Methylcyclohexane	83	8.541	8.544	-0.003	74	13055	1.00	0.7766	
66 1,2-Dichloropropane	63	8.576	8.582	-0.006	82	10994	1.00	0.9362	
67 2-ethoxy-2-methyl butane	87	8.589	8.586	0.003	92	11975	1.00	0.8123	
68 Methyl methacrylate	69	8.669	8.672	-0.003	89	7080	1.00	0.7831	
70 1,4-Dioxane	88	8.692	8.679	0.013	44	5323	12.5	12.4	
69 Dibromomethane	93	8.692	8.685	0.007	89	7684	1.00	1.07	
72 Dichlorobromomethane	83	8.930	8.920	0.010	95	12471	1.00	0.9601	
73 2-Nitropropane	41	9.219	9.213	0.006	95	23974	5.00	4.35	
74 2-Chloroethyl vinyl ether	63	9.296	9.293	0.003	40	4339	1.00	0.6797	
76 cis-1,3-Dichloropropene	75	9.473	9.470	0.003	54	12384	1.00	0.8797	
78 4-Methyl-2-pentanone (MIBK)	43	9.663	9.656	0.007	97	38150	2.00	1.72	
\$ 79 Toluene-d8 (Surr)	98	9.779	9.782	-0.003	93	2035206	50.0	46.8	
80 Toluene	92	9.856	9.859	-0.003	98	24855	1.00	0.8879	
S 104 1,3-Dichloropropene, Total	100				0			1.77	
105 trans-1,3-Dichloropropene	75	10.110	10.116	-0.006	88	11176	1.00	0.8944	
106 Ethyl methacrylate	69	10.184	10.180	0.004	83	11303	1.00	0.7896	
107 1,1,2-Trichloroethane	97	10.319	10.322	-0.003	89	9732	1.00	1.04	
108 Tetrachloroethene	166	10.399	10.399	0.000	95	10414	1.00	0.9408	
109 1,3-Dichloropropane	76	10.486	10.483	0.003	91	14503	1.00	0.9511	
110 2-Hexanone	43	10.547	10.541	0.006	96	26775	2.00	1.65	
111 Chlorodibromomethane	129	10.695	10.695	0.000	93	9486	1.00	0.9728	
112 Ethylene Dibromide	107	10.807	10.801	0.006	97	7847	1.00	0.8757	
* 113 Chlorobenzene-d5 (IS)	117	11.235	11.235	0.000	86	1534212	50.0	50.0	
S 116 Xylenes, Total	106				0			2.30	
114 1-Chlorohexane	91	11.251	11.248	0.003	54	11314	1.00	0.9318	
115 Chlorobenzene	112	11.264	11.264	0.000	61	27712	1.00	0.9486	
117 1,1,1,2-Tetrachloroethane	131	11.344	11.348	-0.004	49	10990	1.00	0.9873	
118 Ethylbenzene	91	11.354	11.351	0.003	98	43365	1.00	0.8645	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
119 m-Xylene & p-Xylene	106	11.463	11.467	-0.004	99	30726	2.00	1.56	
120 o-Xylene	106	11.798	11.798	0.000	95	15062	1.00	0.7423	
121 Styrene	104	11.811	11.811	0.000	87	21241	1.00	0.7115	
122 Bromoform	173	11.968	11.965	0.003	93	5992	1.00	0.8756	
123 Isopropylbenzene	105	12.100	12.100	0.000	96	34084	1.00	0.7196	
125 Cyclohexanone	55	12.180	12.184	-0.004	92	59178	50.0	34.3	M
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	92	736395	50.0	47.0	
127 1,1,2,2-Tetrachloroethane	83	12.344	12.348	-0.004	96	18455	1.00	0.9303	
128 Bromobenzene	156	12.360	12.357	0.003	95	10840	1.00	0.8866	
129 trans-1,4-Dichloro-2-butene	53	12.364	12.373	-0.009	62	6366	2.50	14.6	
130 1,2,3-Trichloropropane	110	12.389	12.393	-0.004	81	6889	1.00	1.05	
131 N-Propylbenzene	91	12.428	12.428	0.000	98	48252	1.00	0.8362	
132 2-Chlorotoluene	126	12.502	12.505	-0.003	97	10632	1.00	0.8548	
133 1,3,5-Trimethylbenzene	105	12.566	12.563	0.003	94	27610	1.00	0.6650	
134 4-Chlorotoluene	126	12.595	12.598	-0.003	96	8609	1.00	0.7445	
135 tert-Butylbenzene	134	12.811	12.811	0.000	93	5494	1.00	3.84	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	97	28047	1.00	0.6686	
137 sec-Butylbenzene	105	12.981	12.975	0.006	95	31703	1.00	0.6770	
138 1,3-Dichlorobenzene	146	13.074	13.071	0.003	95	20950	1.00	0.9528	
139 4-Isopropyltoluene	119	13.077	13.084	-0.007	90	24553	1.00	0.6076	
* 140 1,4-Dichlorobenzene-d4	152	13.126	13.129	-0.003	95	916528	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.142	13.145	-0.003	91	23927	1.00	1.06	
142 1,2,3-Trimethylbenzene	105	13.155	13.158	-0.003	94	34775	1.00	0.8191	
143 Benzyl chloride	91	13.225	13.225	0.000	98	29037	1.00	0.9379	
144 1,3-Diethylbenzene	119	13.280	13.283	-0.003	94	16254	1.00	0.6903	
145 p-Diethylbenzene	119	13.351	13.357	-0.006	88	16305	1.00	0.6509	
146 n-Butylbenzene	92	13.376	13.376	0.000	95	14462	1.00	0.7290	
147 1,2-Dichlorobenzene	146	13.409	13.409	0.000	95	22295	1.00	0.9458	
148 o-diethylbenzene	119	13.421	13.431	-0.010	96	13878	1.00	0.6643	
149 1,2-Dibromo-3-Chloropropane	75	13.949	13.955	-0.006	80	6352	1.00	0.9894	
150 1,3,5-Trichlorobenzene	180	14.081	14.077	0.004	96	15158	1.00	1.08	
151 1,2,4-Trichlorobenzene	180	14.505	14.505	0.000	92	15343	1.00	1.14	
152 Hexachlorobutadiene	225	14.589	14.592	-0.003	93	7426	1.00	1.36	
153 Naphthalene	128	14.692	14.692	0.000	97	52786	1.00	0.9158	
154 1,2,3-Trichlorobenzene	180	14.836	14.836	0.000	93	16387	1.00	1.13	
155 2-Methylnaphthalene	142	15.479	15.483	-0.003	93	31017	1.00	3.96	
S 156 Total Diethylbenzene	1				0			2.01	
183 Ethyl acrylate	55		0.000				ND	ND	
198 2-Ethylhexyl acrylate	55		0.000				ND	ND	
200 Methyl acrylate	55		0.000				ND	ND	
206 n-Butyl acrylate	55		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_4ppbEE_00647

Amount Added: 12.50

Units: mL

MSV_Cent_ISSS_00044

Amount Added: 5.00

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D

Injection Date: 07-Oct-2025 23:07:11

Instrument ID: 15830

Operator ID: mcd07824

Lims ID: IC v1

Worklist Smp#: 12

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

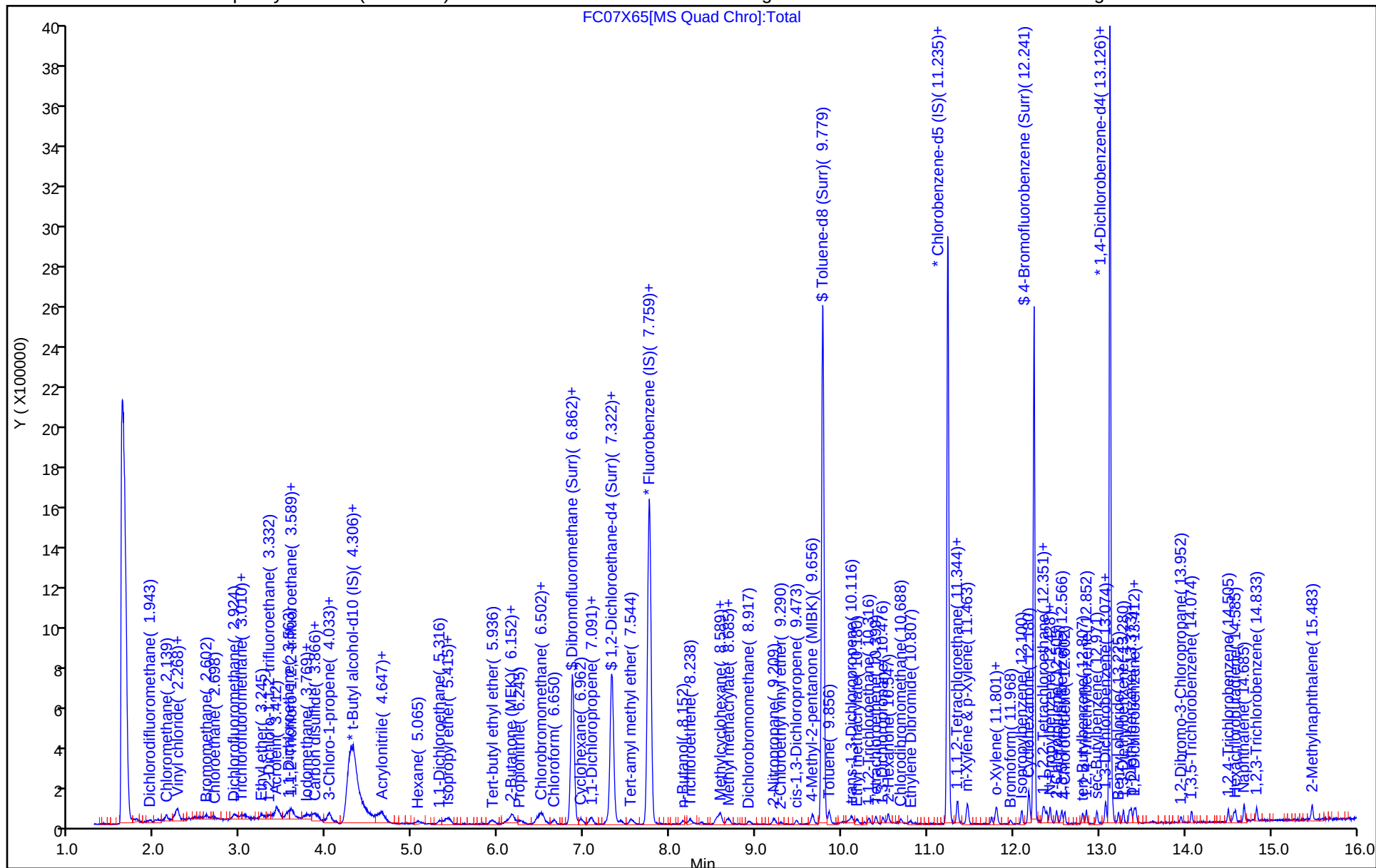
ALS Bottle#: 15

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

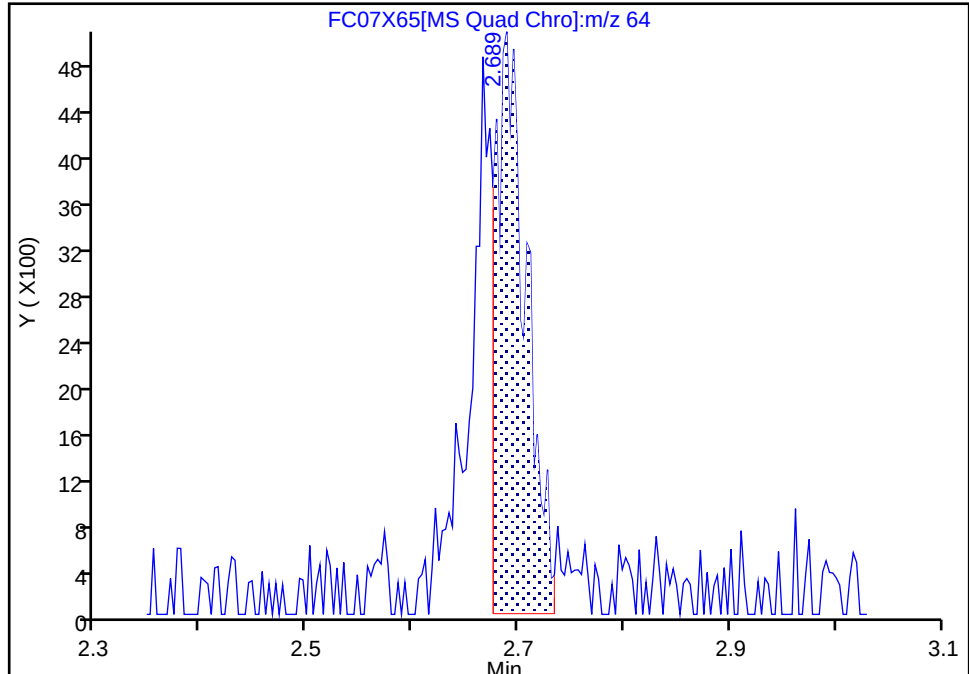
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

9 Chloroethane, CAS: 75-00-3

Signal: 1

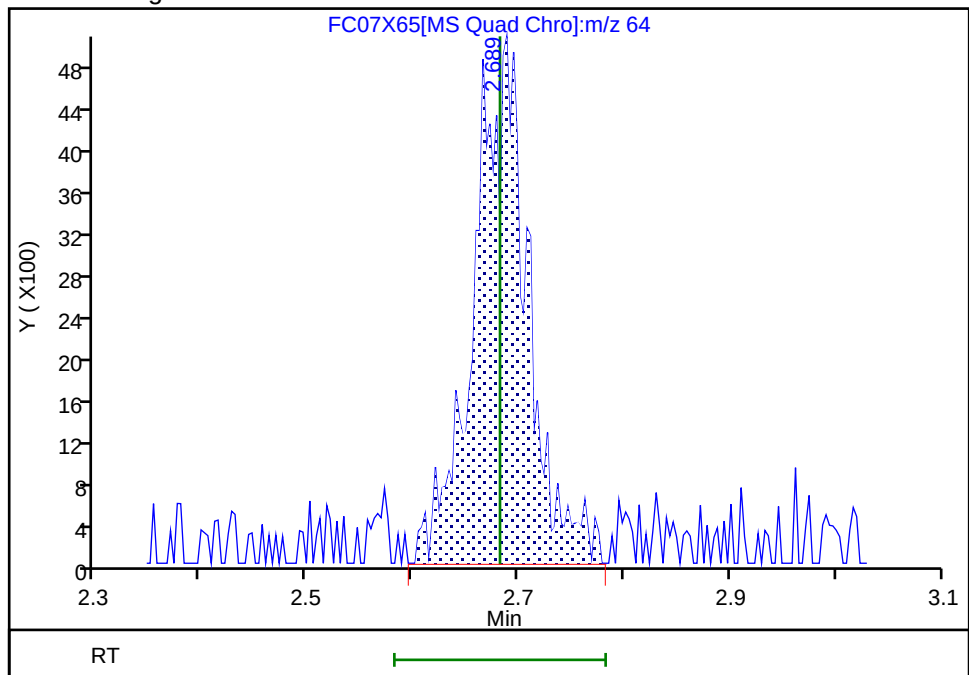
RT: 2.69
Area: 10030
Amount: 0.753446
Amount Units: ug/l

Processing Integration Results



RT: 2.69
Area: 17723
Amount: 1.209576
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:27:58 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

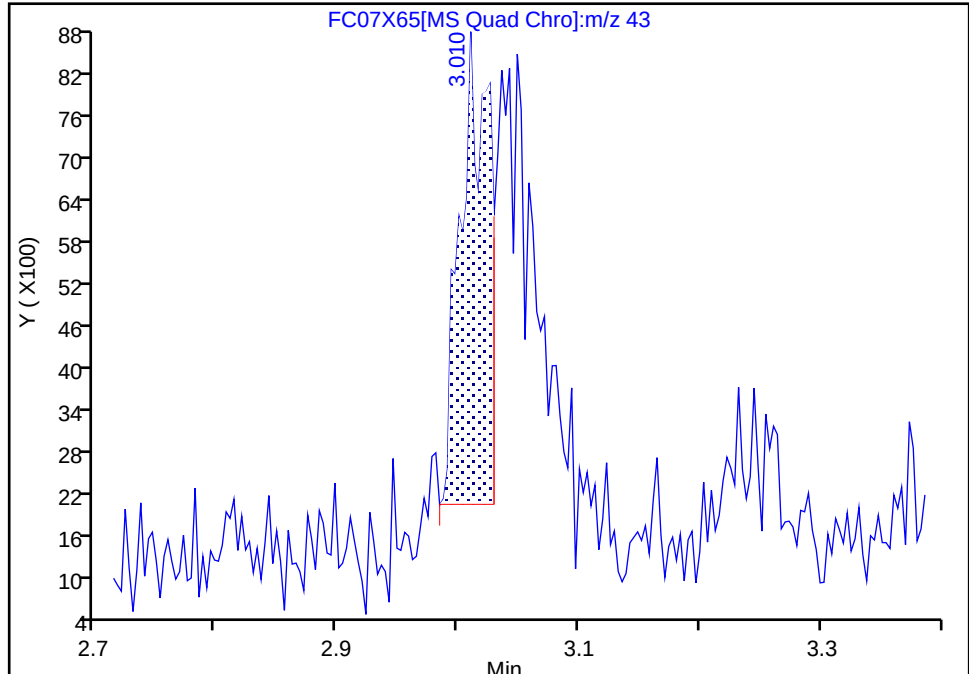
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

12 Pentane, CAS: 109-66-0

Signal: 1

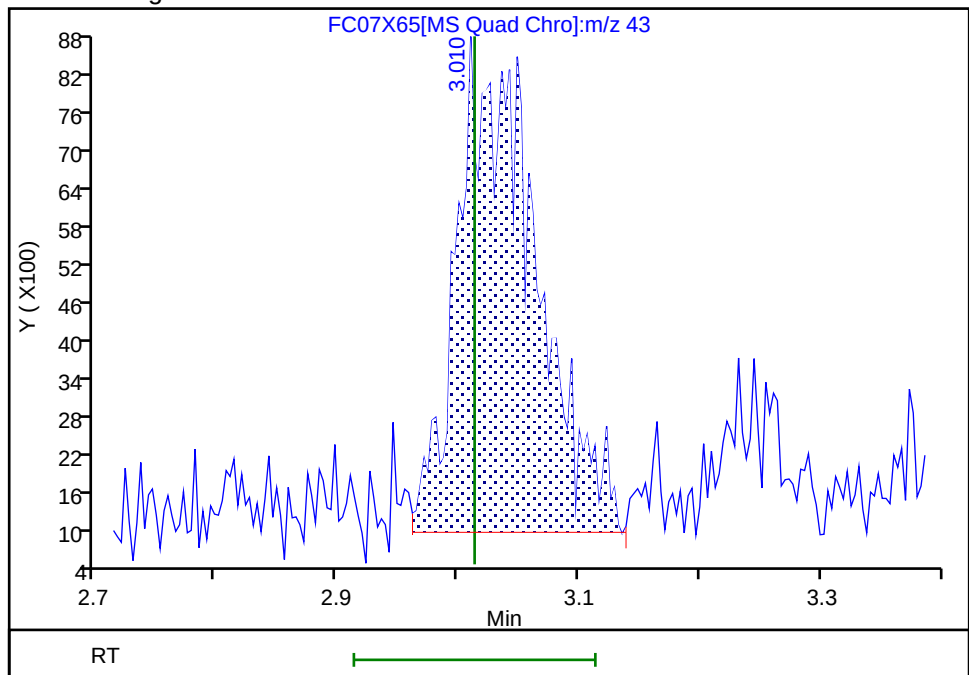
RT: 3.01
Area: 11130
Amount: 0.467909
Amount Units: ug/l

Processing Integration Results



RT: 3.01
Area: 35077
Amount: 0.982542
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:28:14 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

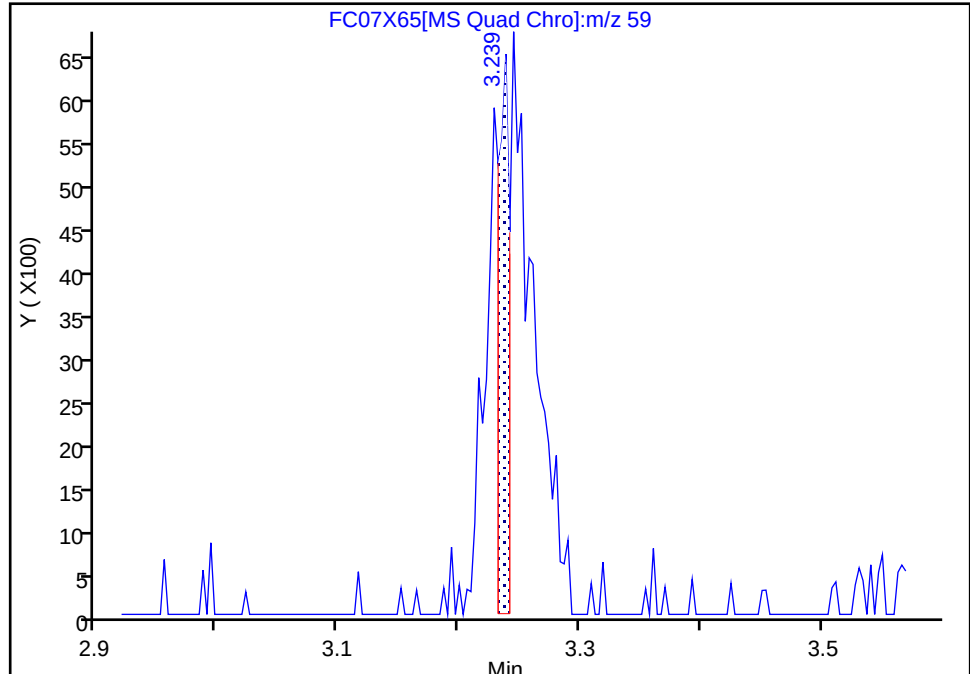
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Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

14 Ethyl ether, CAS: 60-29-7

Signal: 1

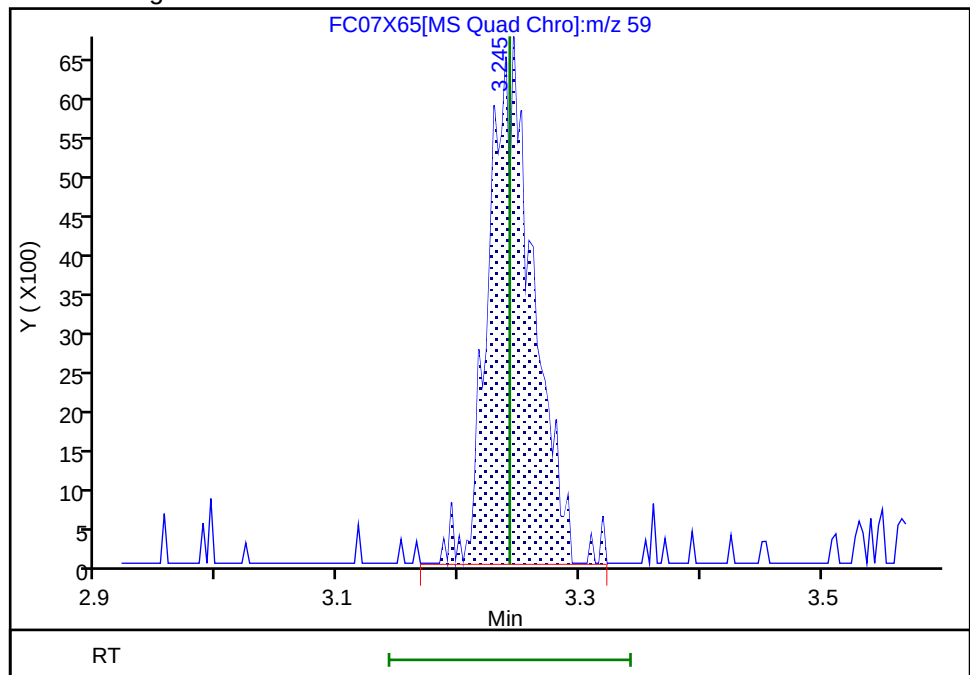
RT: 3.24
Area: 4192
Amount: 0.989899
Amount Units: ug/l

Processing Integration Results



RT: 3.25
Area: 16974
Amount: 1.325208
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:28:20 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

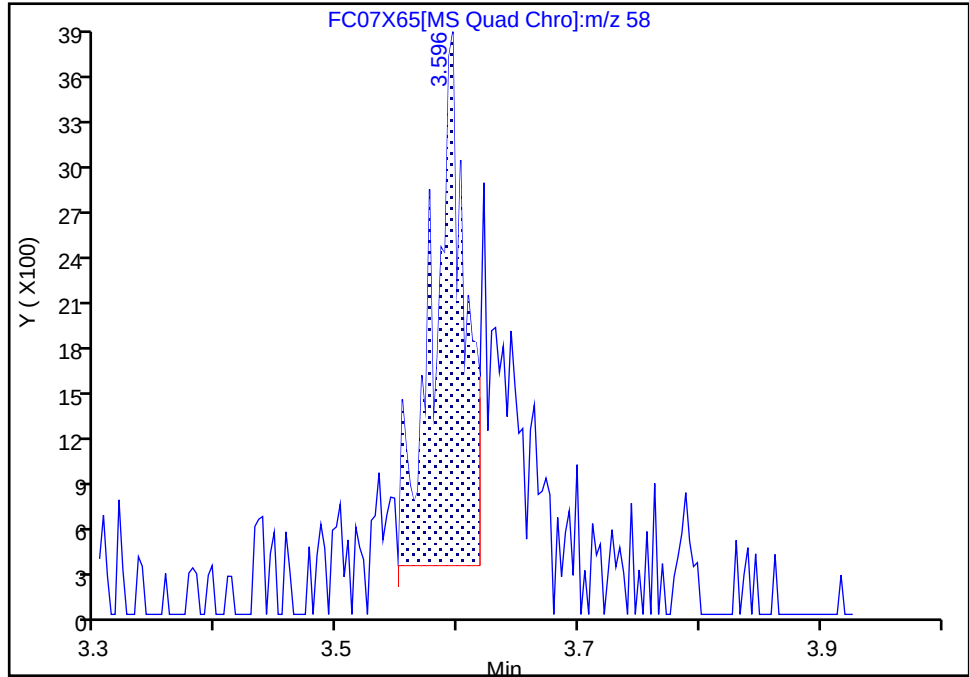
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Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

19 Acetone, CAS: 67-64-1

Signal: 1

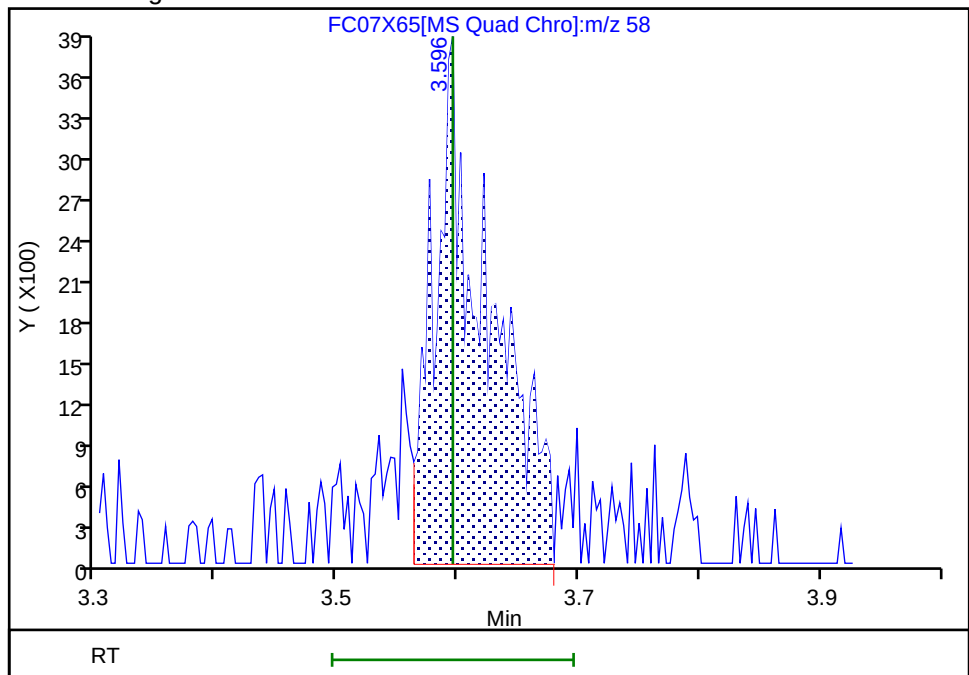
RT: 3.60
Area: 6460
Amount: 1.476492
Amount Units: ug/l

Processing Integration Results



RT: 3.60
Area: 11932
Amount: 2.727168
Amount Units: ug/l

Manual Integration Results



Reviewer: ULCP, 08-Oct-2025 05:45:05 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

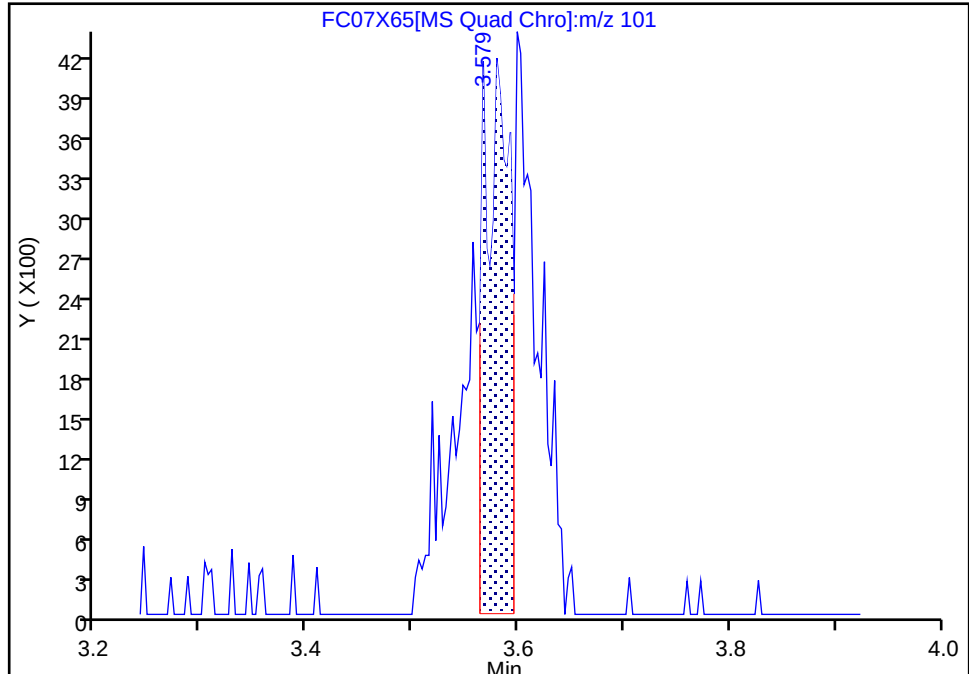
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

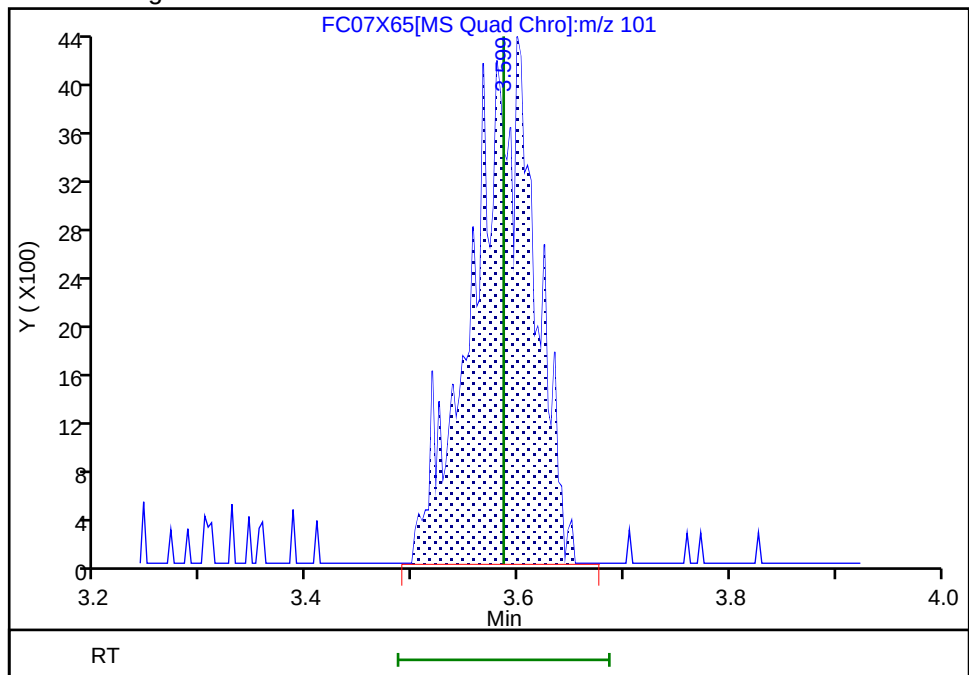
RT: 3.58
Area: 6881
Amount: 1.038172
Amount Units: ug/l

Processing Integration Results



RT: 3.60
Area: 17509
Amount: 1.191654
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:28:28 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

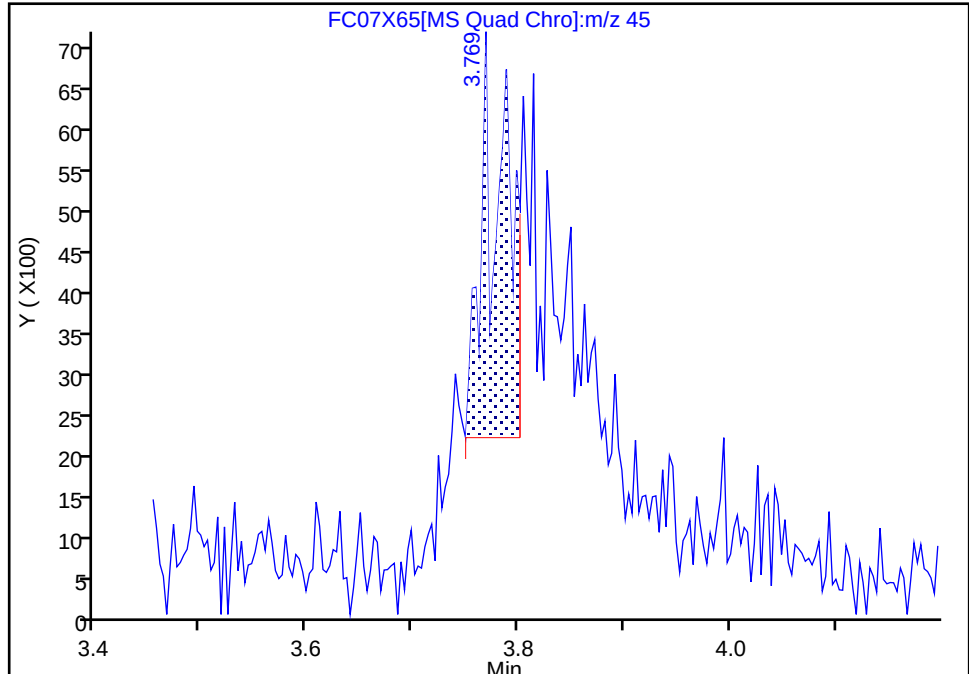
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Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

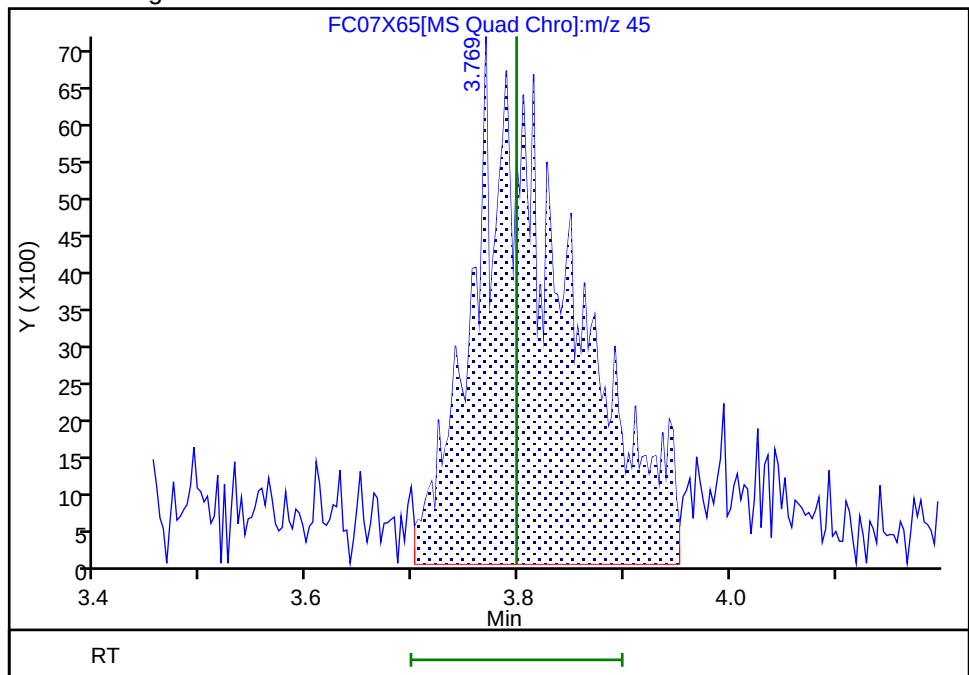
RT: 3.77
Area: 7819
Amount: 1.856533
Amount Units: ug/l

Processing Integration Results



RT: 3.77
Area: 43702
Amount: 10.376544
Amount Units: ug/l

Manual Integration Results



Reviewer: ULCP, 08-Oct-2025 05:47:20 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

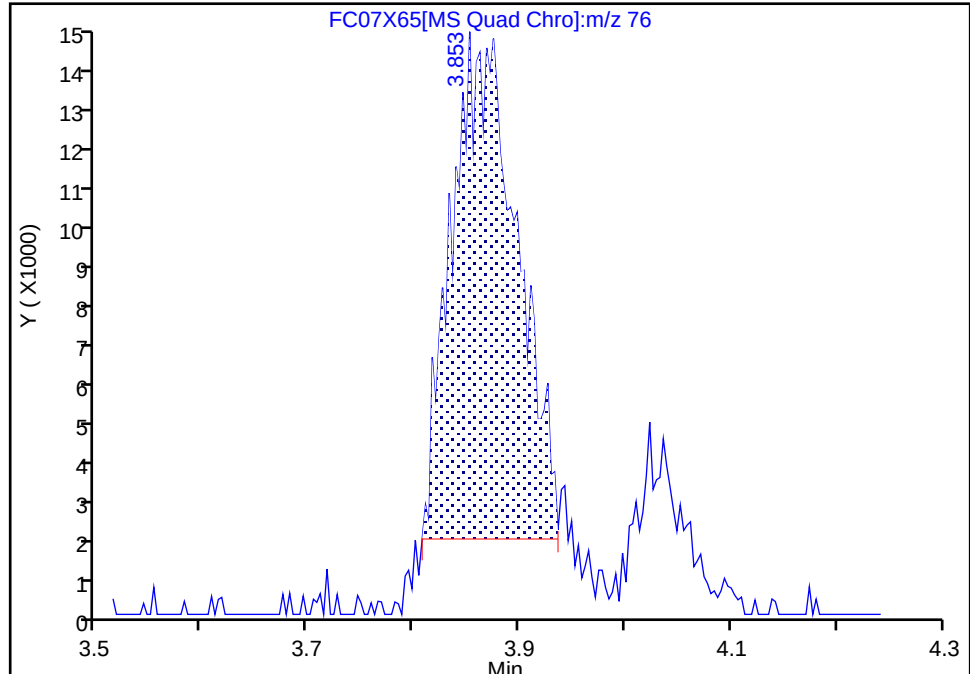
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Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

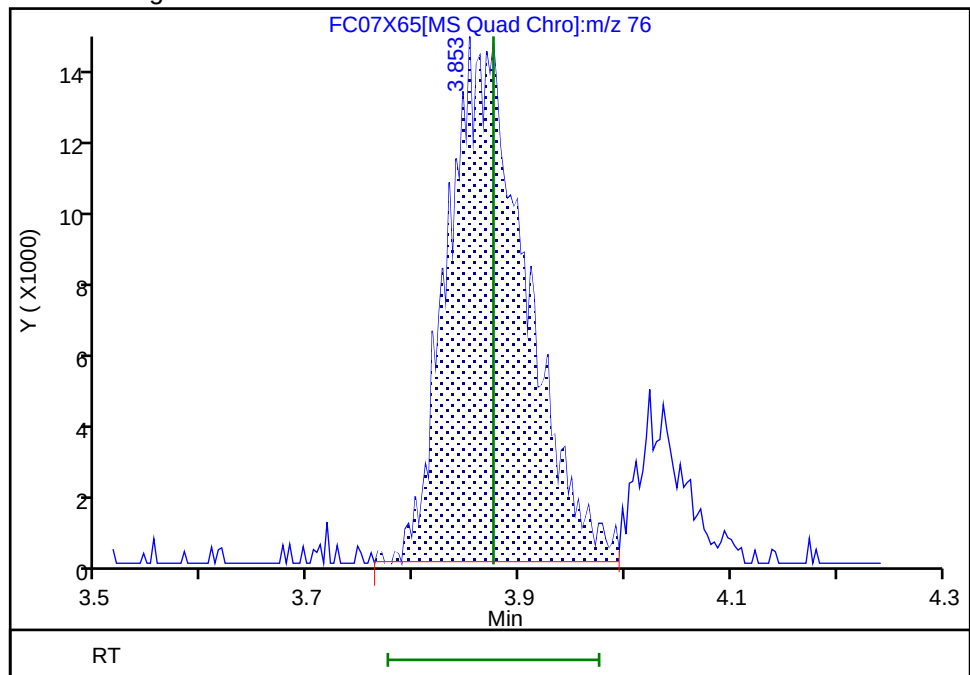
RT: 3.85
Area: 52202
Amount: 1.207966
Amount Units: ug/l

Processing Integration Results



RT: 3.85
Area: 72217
Amount: 1.678227
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:01 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

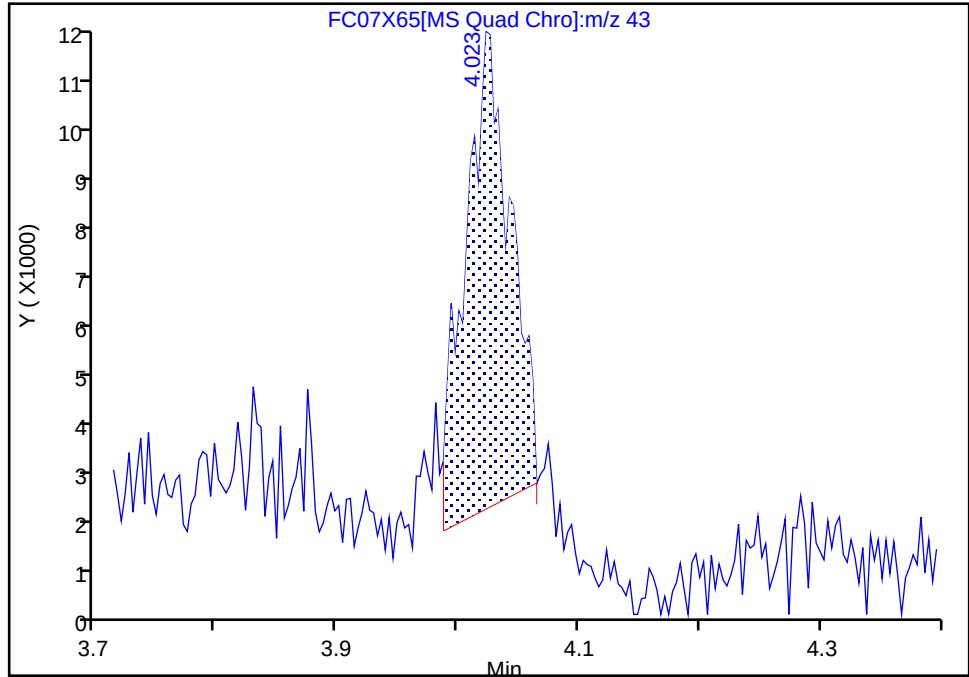
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Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

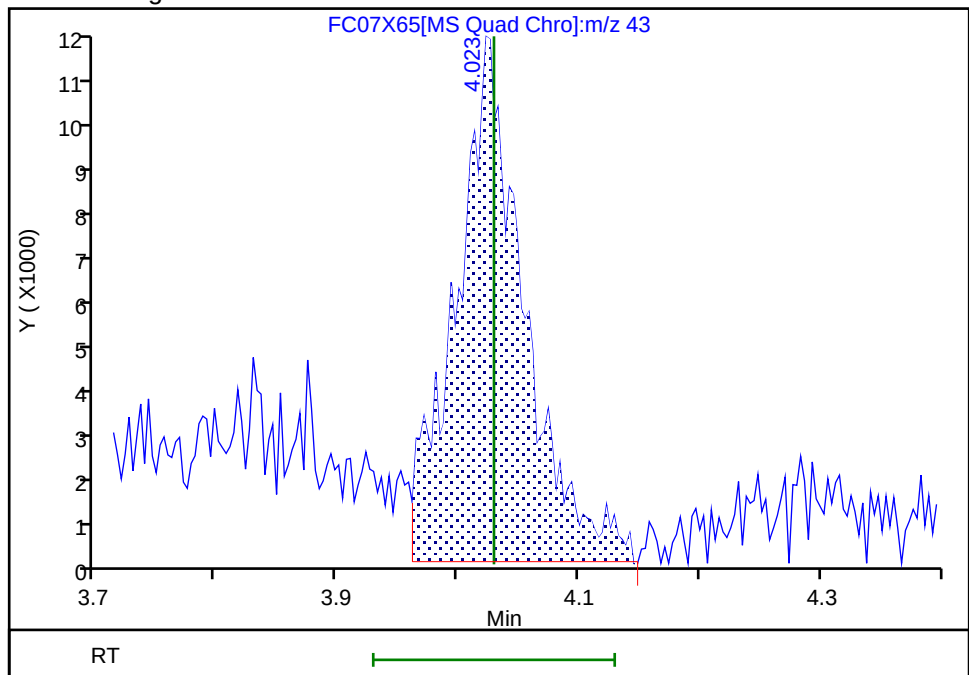
RT: 4.02
Area: 23795
Amount: 1.222909
Amount Units: ug/l

Processing Integration Results



RT: 4.02
Area: 43680
Amount: 0.942399
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:14 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

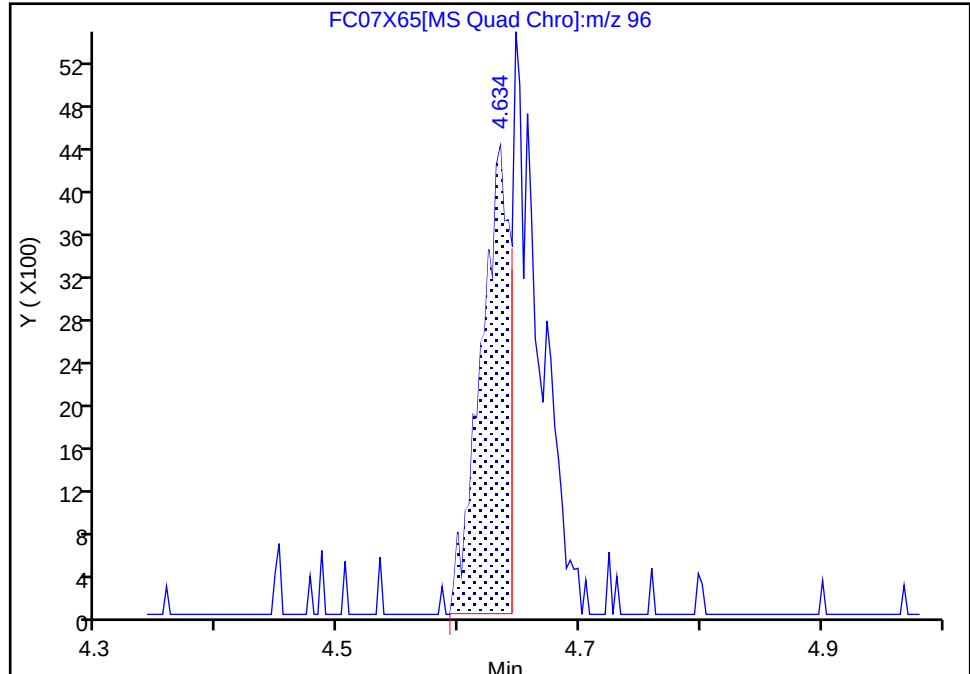
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Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

32 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

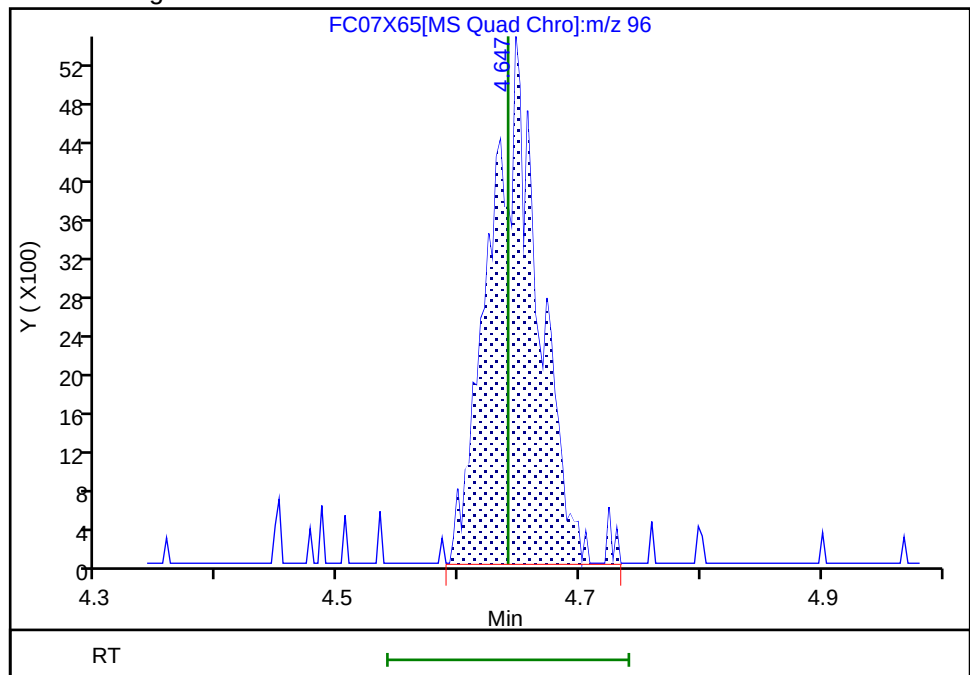
RT: 4.63
Area: 7410
Amount: 0.642194
Amount Units: ug/l

Processing Integration Results



RT: 4.65
Area: 15422
Amount: 1.169555
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:26 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

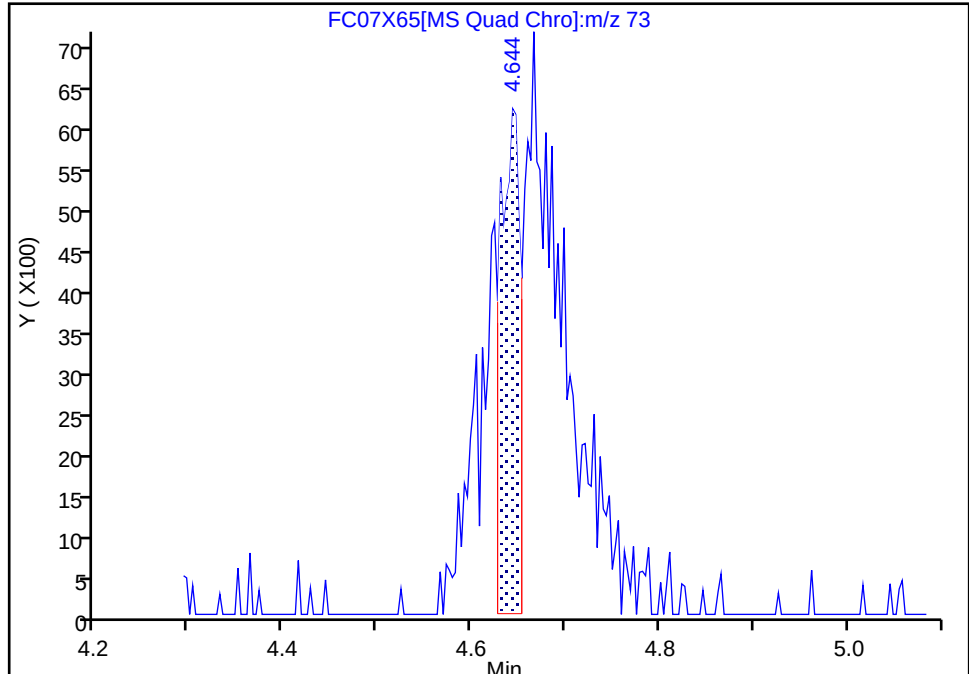
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

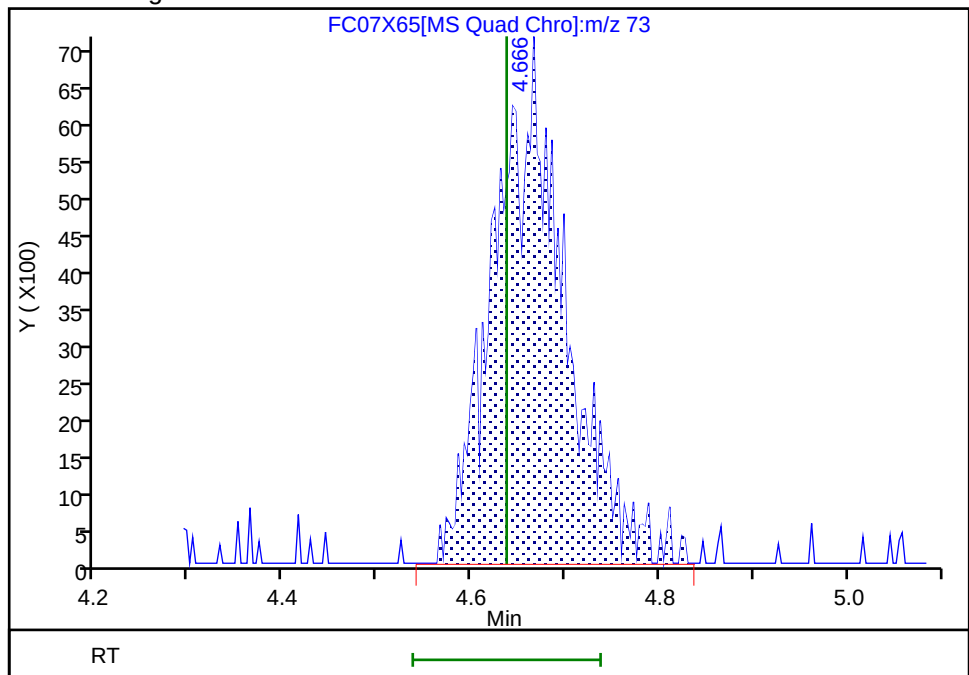
RT: 4.64
Area: 8880
Amount: 0.964265
Amount Units: ug/l

Processing Integration Results



RT: 4.67
Area: 36961
Amount: 1.113765
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:22 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

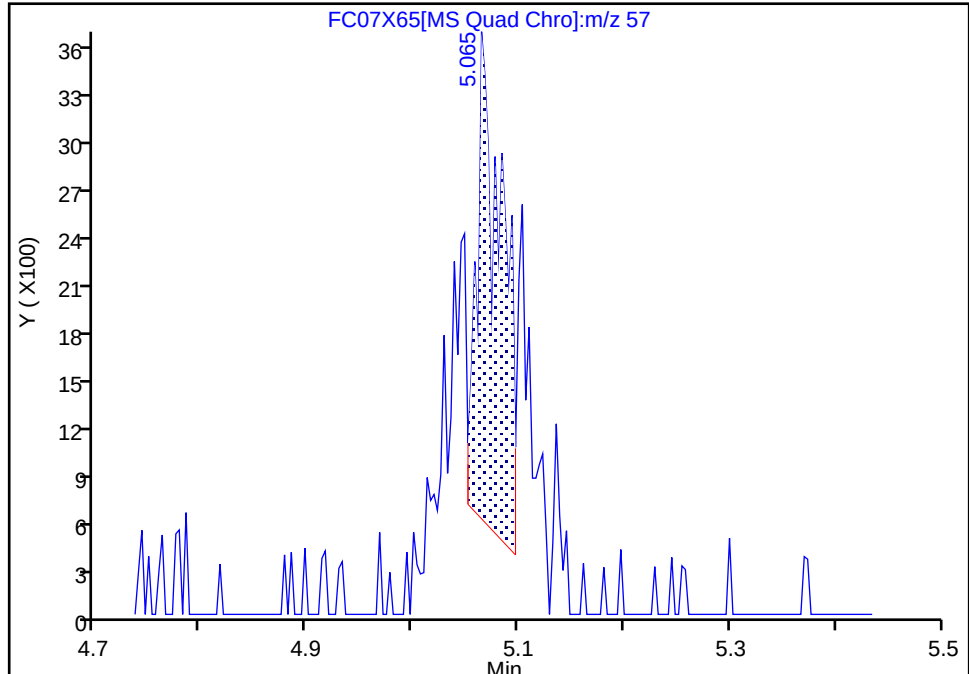
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

34 Hexane, CAS: 110-54-3

Signal: 1

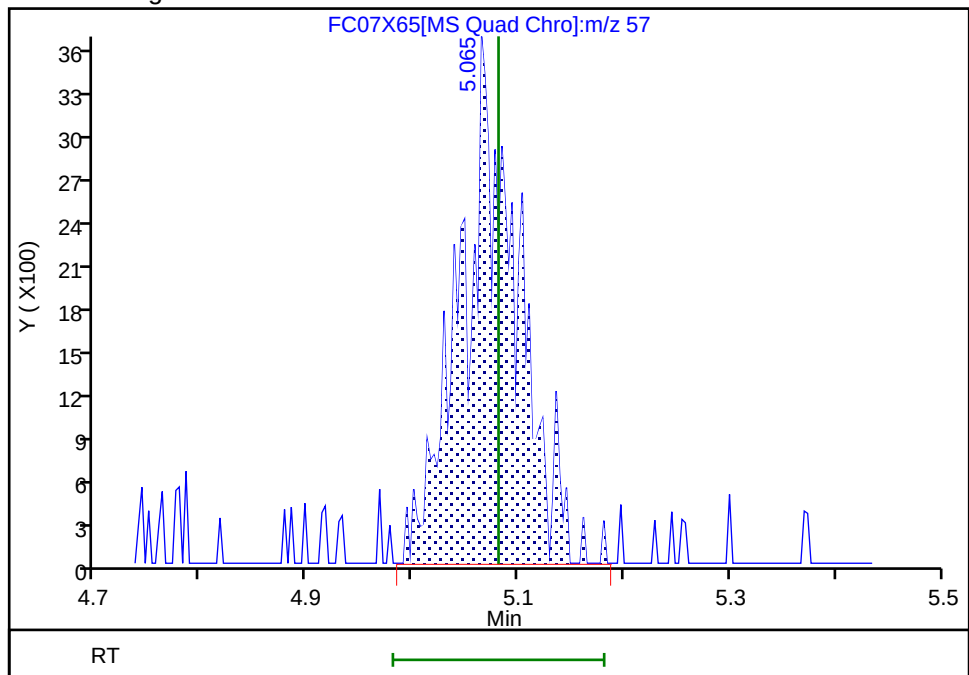
RT: 5.06
Area: 4977
Amount: 1.070827
Amount Units: ug/l

Processing Integration Results



RT: 5.06
Area: 12900
Amount: 0.985955
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:31 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

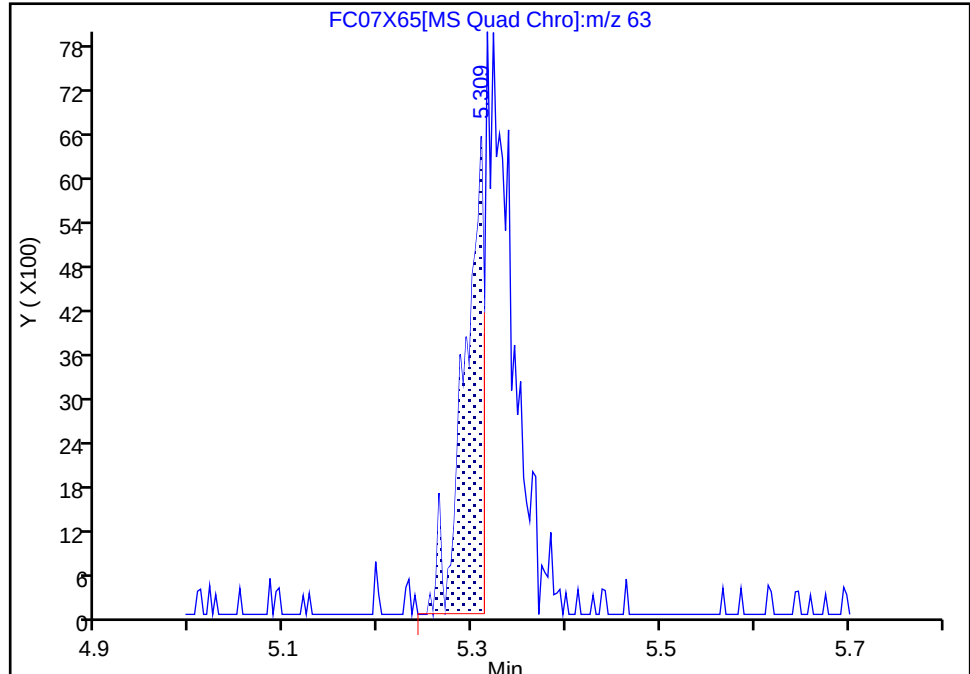
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

35 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

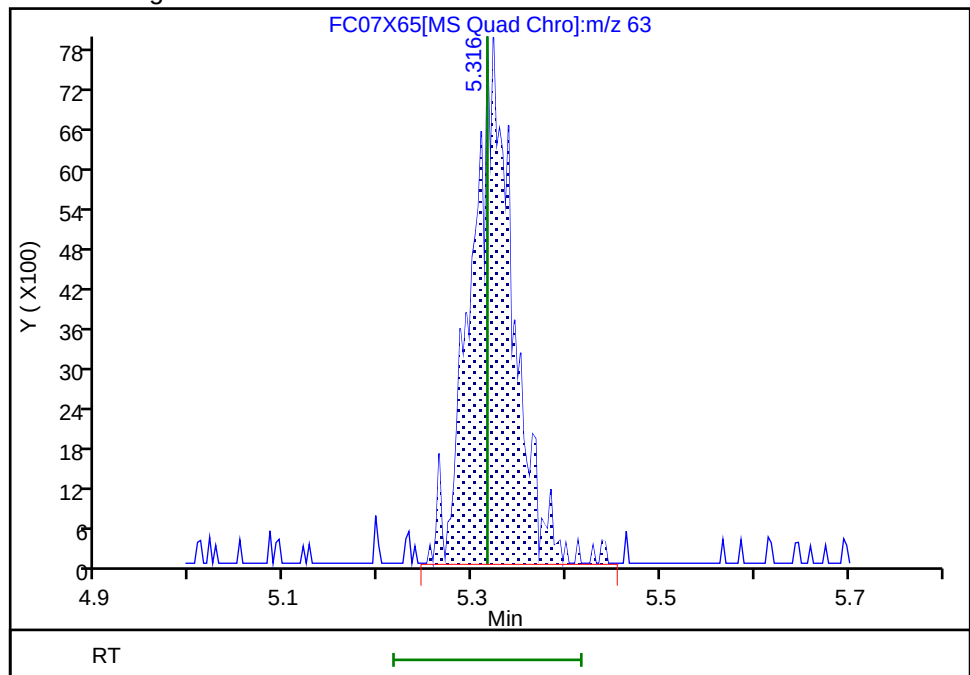
RT: 5.31
Area: 9078
Amount: 0.739018
Amount Units: ug/l

Processing Integration Results



RT: 5.32
Area: 24360
Amount: 1.030166
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:36 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

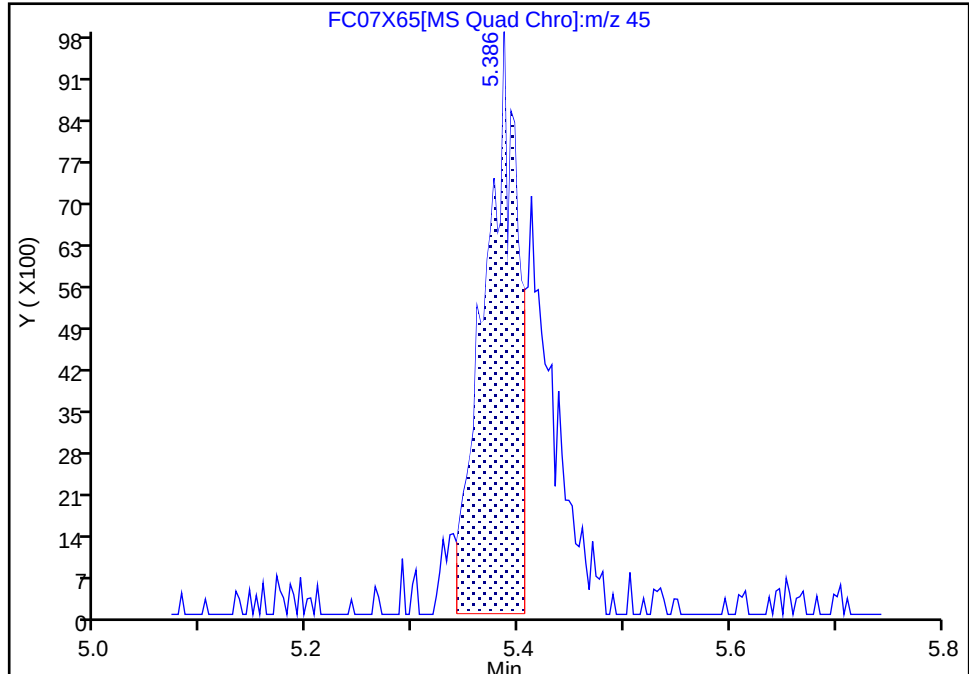
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

36 Isopropyl ether, CAS: 108-20-3

Signal: 1

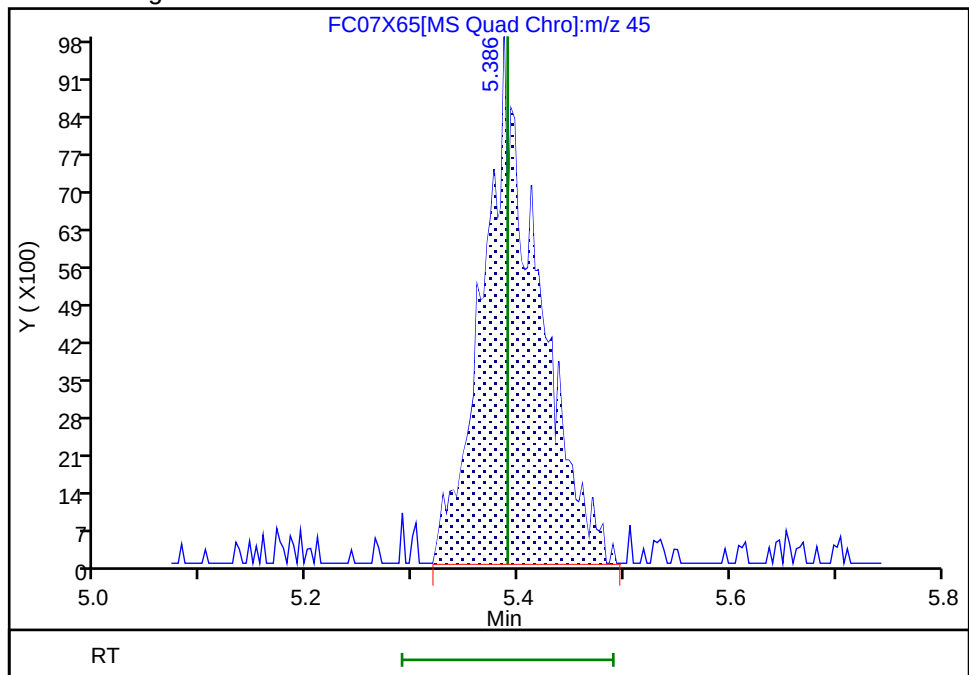
RT: 5.39
Area: 21515
Amount: 0.654363
Amount Units: ug/l

Processing Integration Results



RT: 5.39
Area: 35023
Amount: 0.971328
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:41 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

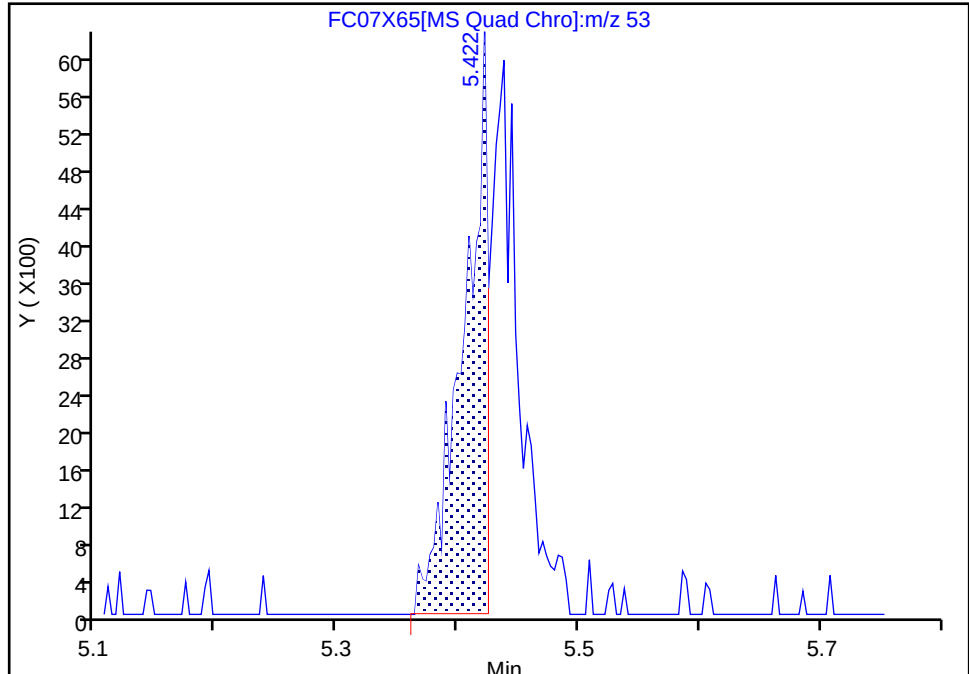
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

37 2-Chloro-1,3-butadiene, CAS: 126-99-8

Signal: 1

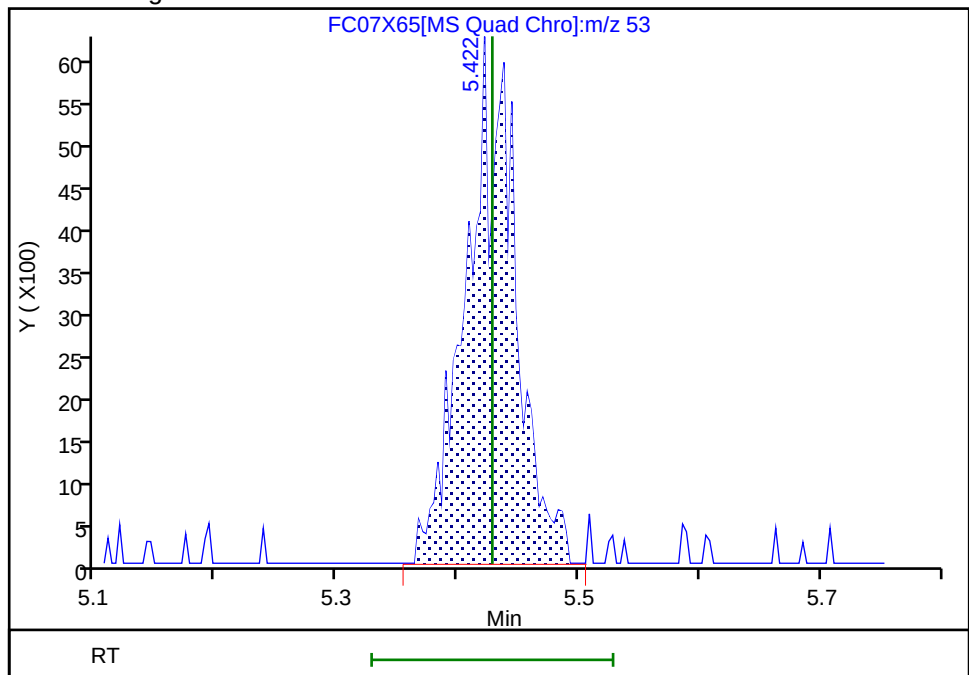
RT: 5.42
Area: 8531
Amount: 0.995203
Amount Units: ug/l

Processing Integration Results



RT: 5.42
Area: 17488
Amount: 0.944896
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:46 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

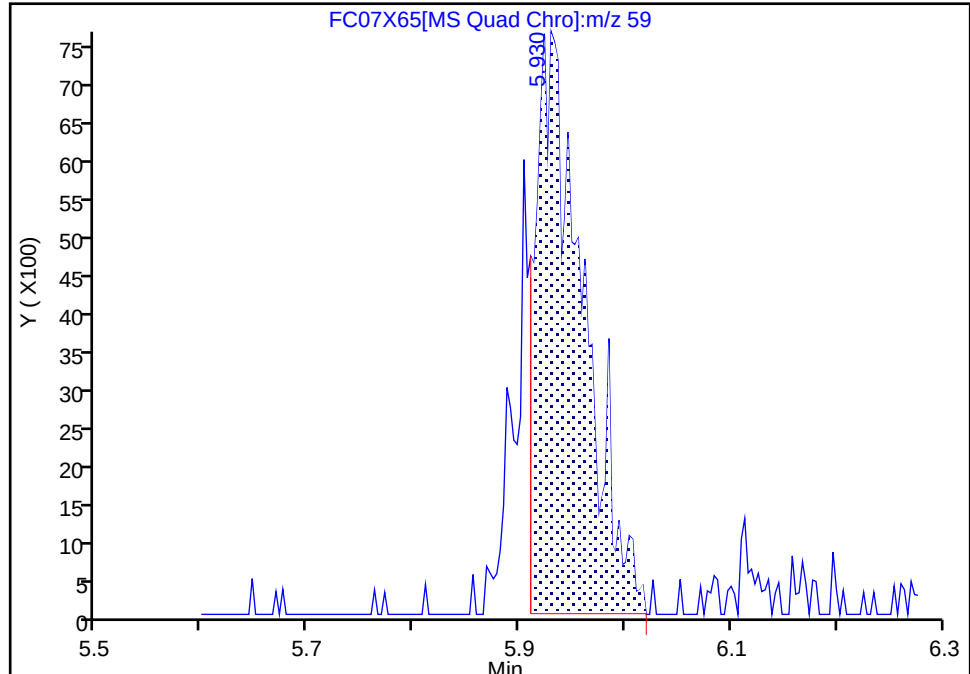
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

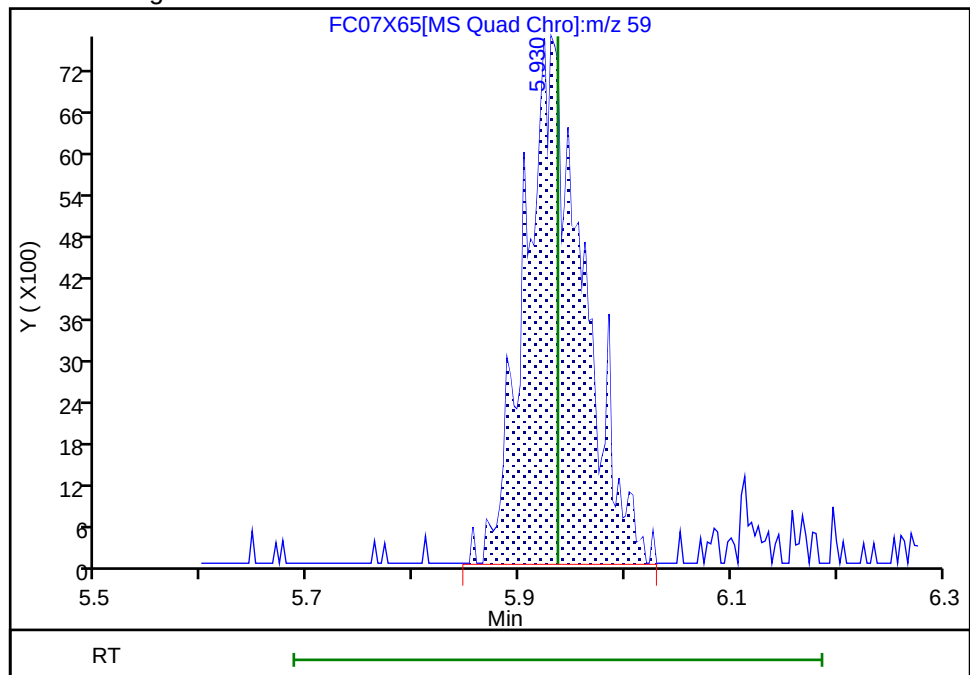
RT: 5.93
Area: 23564
Amount: 0.816381
Amount Units: ug/l

Processing Integration Results



RT: 5.93
Area: 29114
Amount: 0.961933
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:51 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

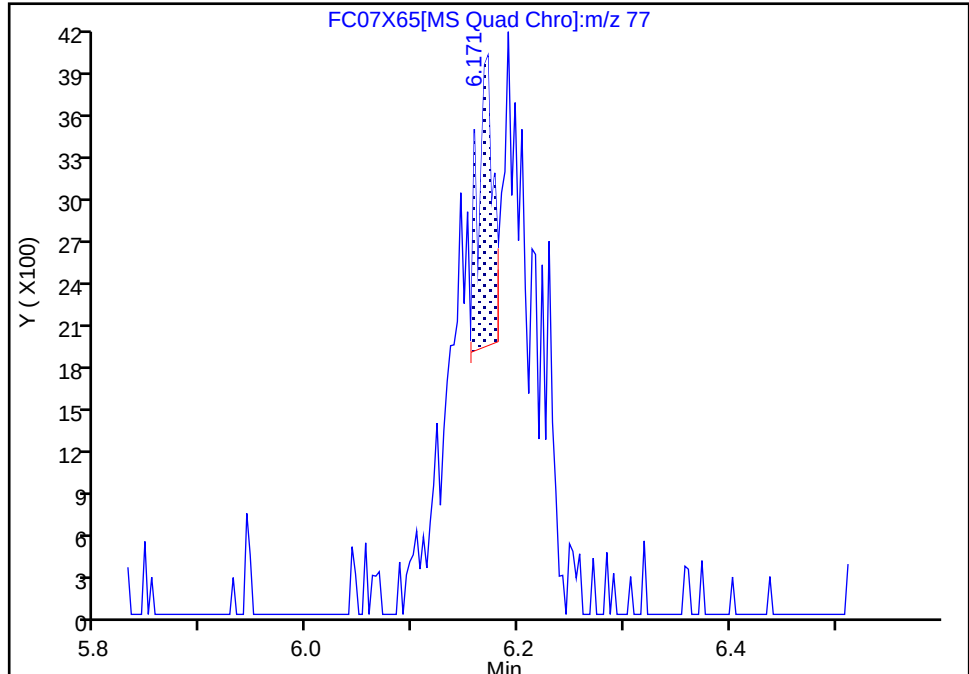
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

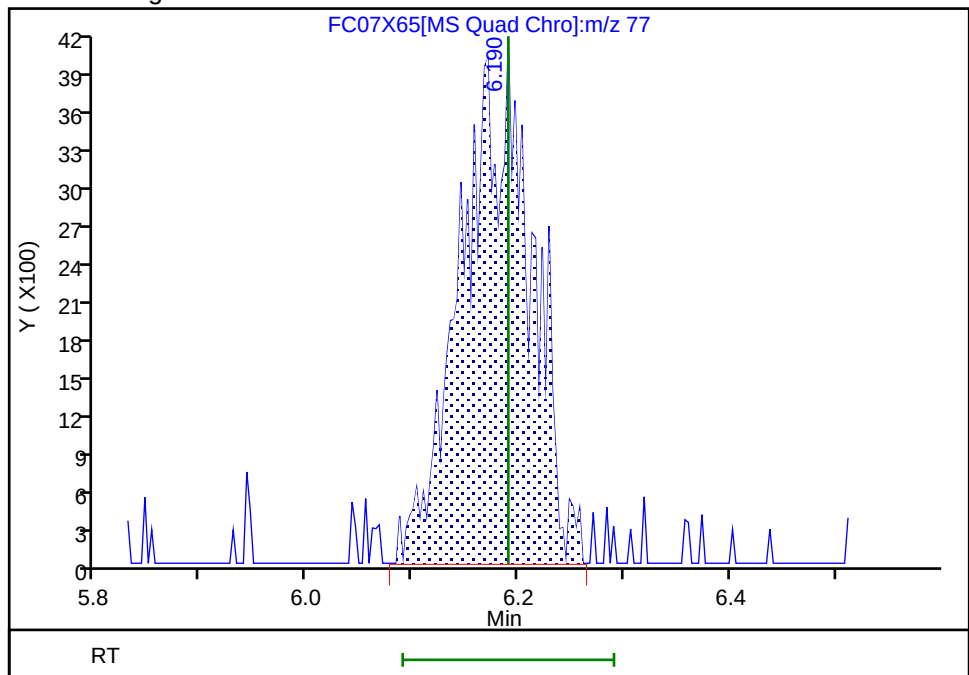
RT: 6.17
Area: 2006
Amount: 0.992678
Amount Units: ug/l

Processing Integration Results



RT: 6.19
Area: 18633
Amount: 1.027157
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:56 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

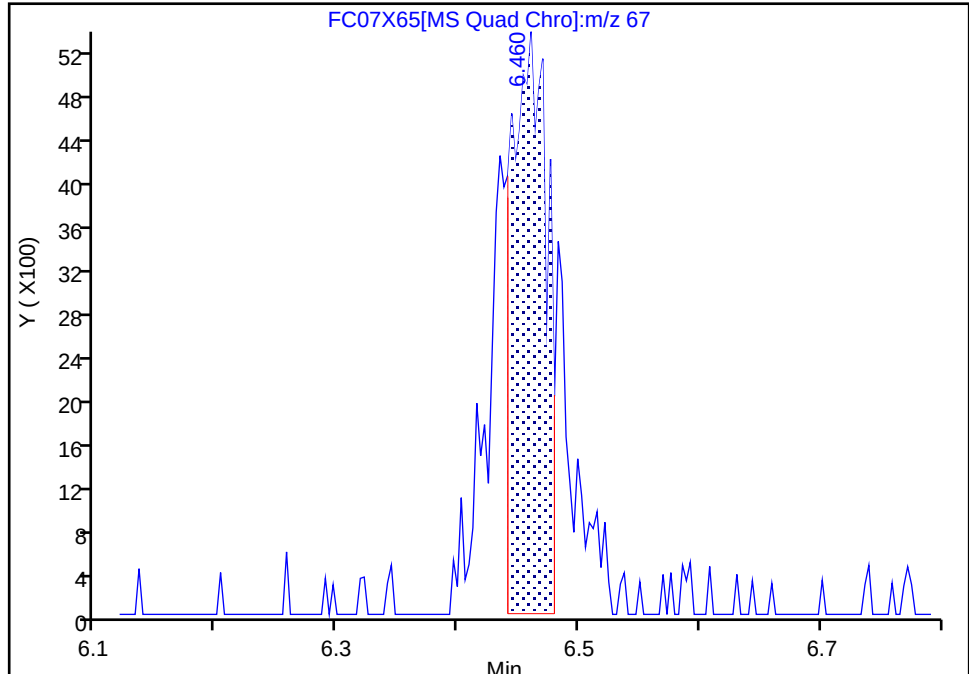
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

45 Methacrylonitrile, CAS: 126-98-7

Signal: 1

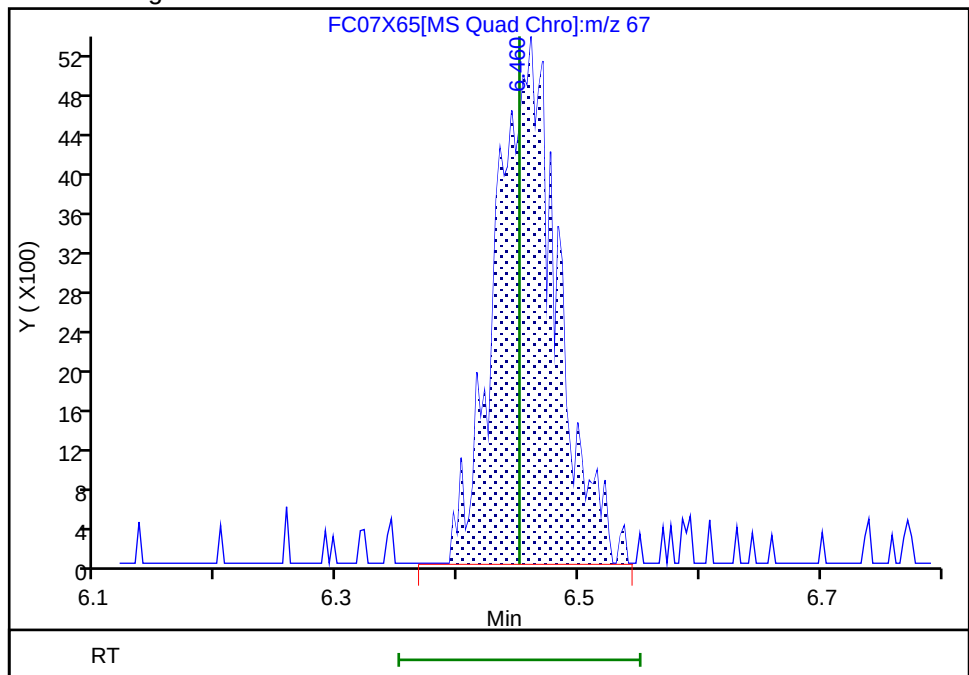
RT: 6.46
Area: 10578
Amount: 2.504750
Amount Units: ug/l

Processing Integration Results



RT: 6.46
Area: 18624
Amount: 2.340437
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:01 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

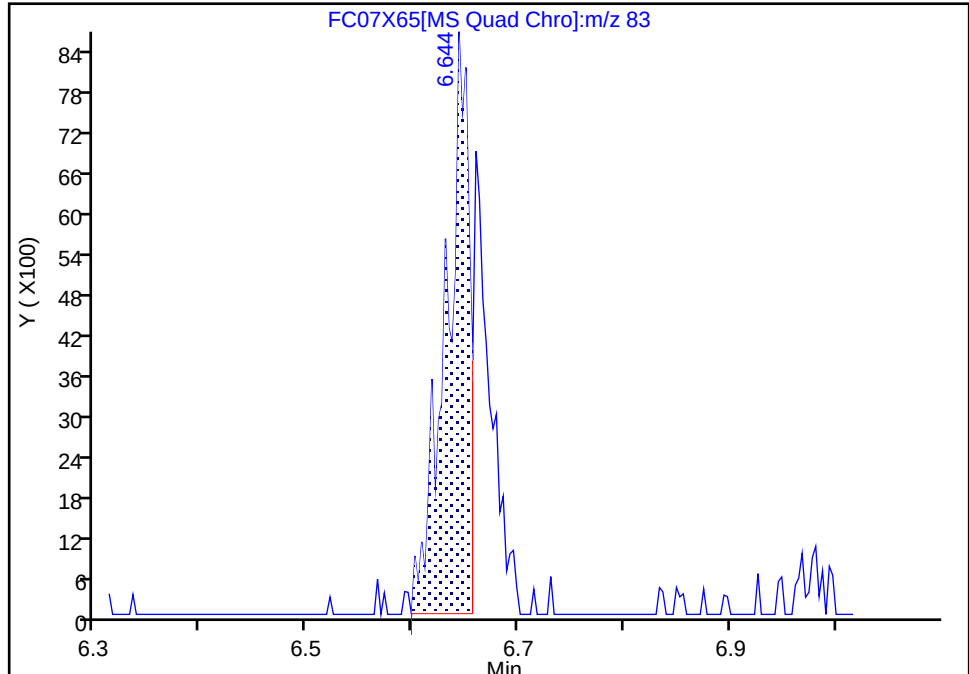
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

48 Chloroform, CAS: 67-66-3

Signal: 1

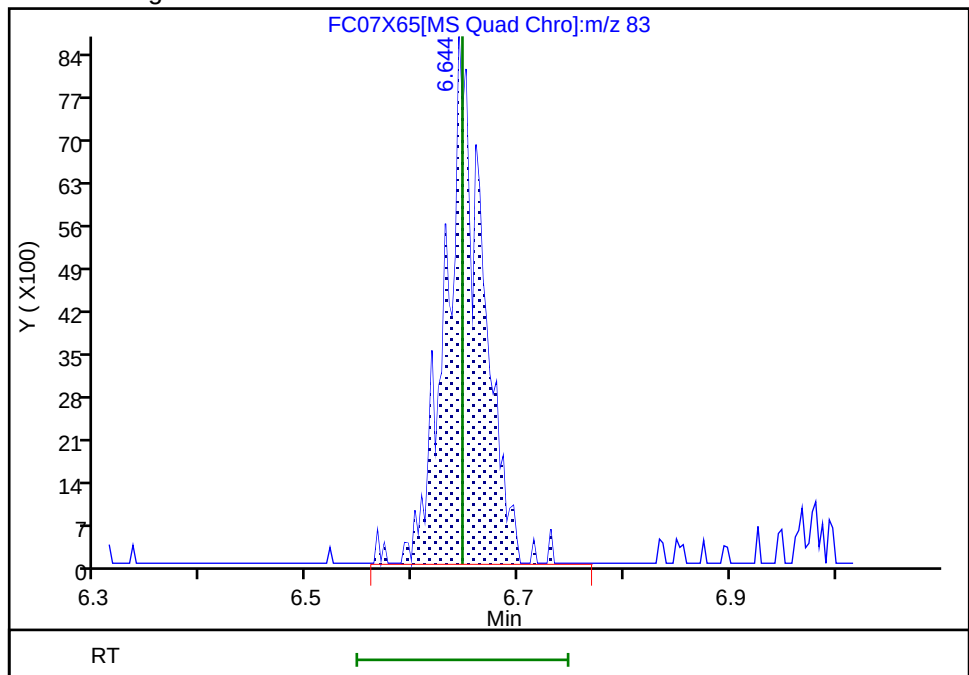
RT: 6.64
Area: 13231
Amount: 0.676185
Amount Units: ug/l

Processing Integration Results



RT: 6.64
Area: 20813
Amount: 0.973892
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:08 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

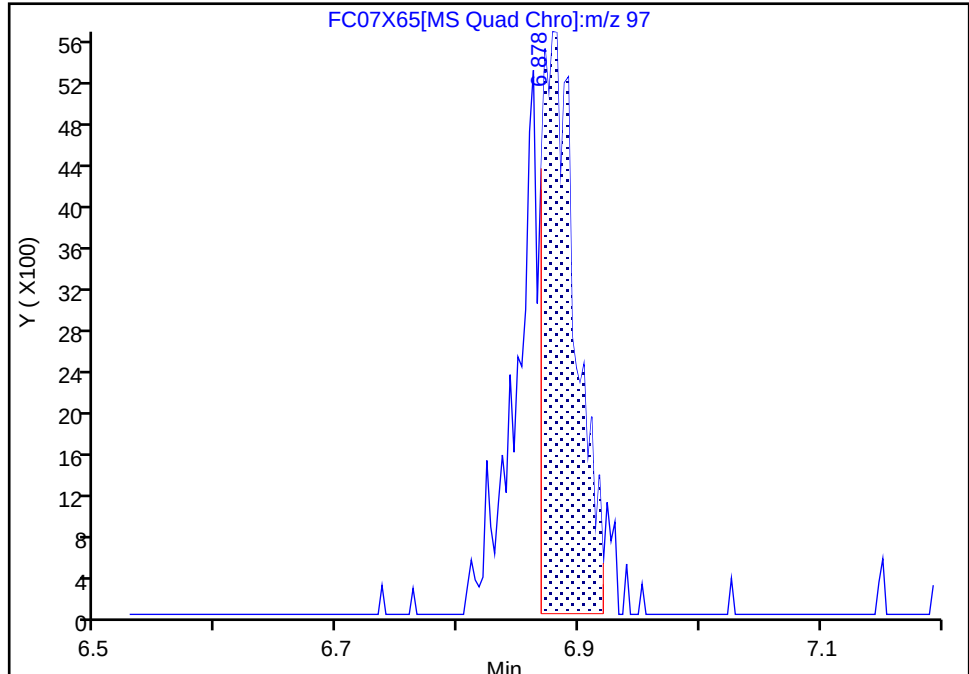
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

50 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

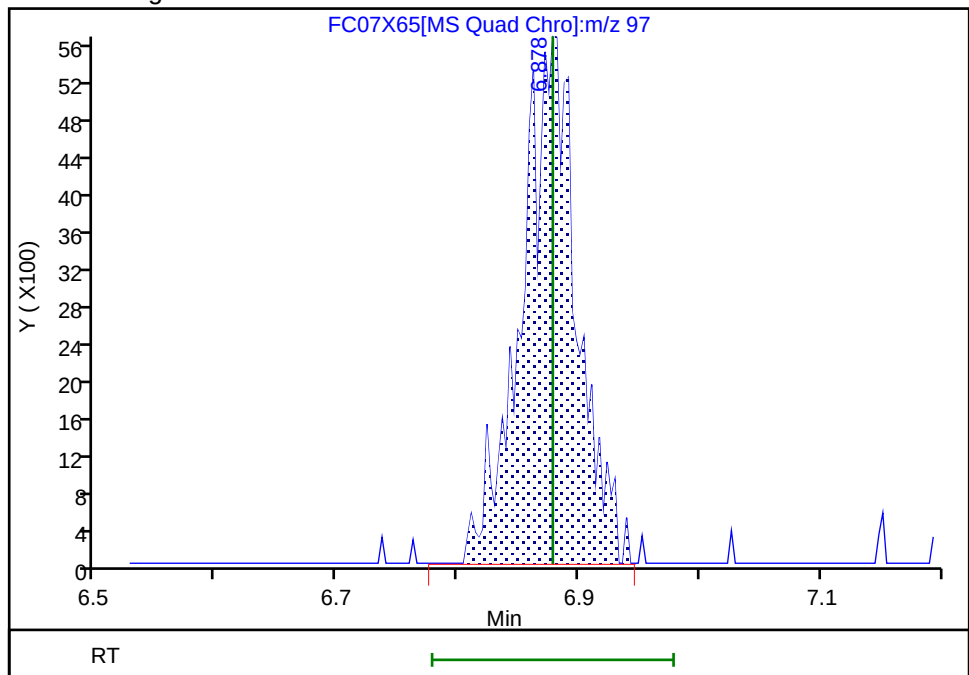
RT: 6.88
Area: 10825
Amount: 1.115967
Amount Units: ug/l

Processing Integration Results



RT: 6.88
Area: 17829
Amount: 0.976320
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:12 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

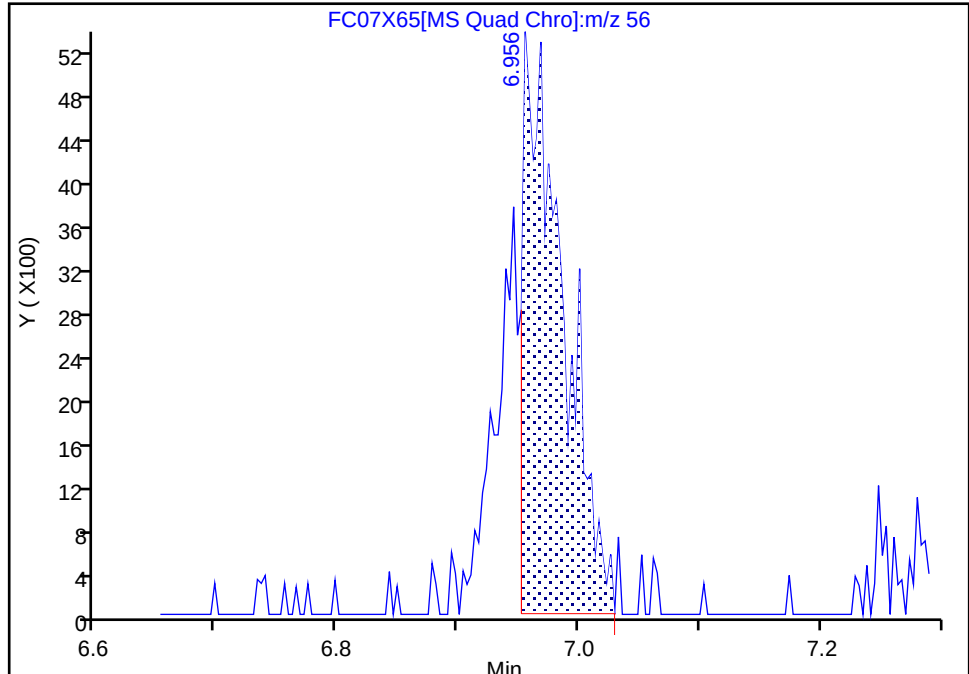
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

51 Cyclohexane, CAS: 110-82-7

Signal: 1

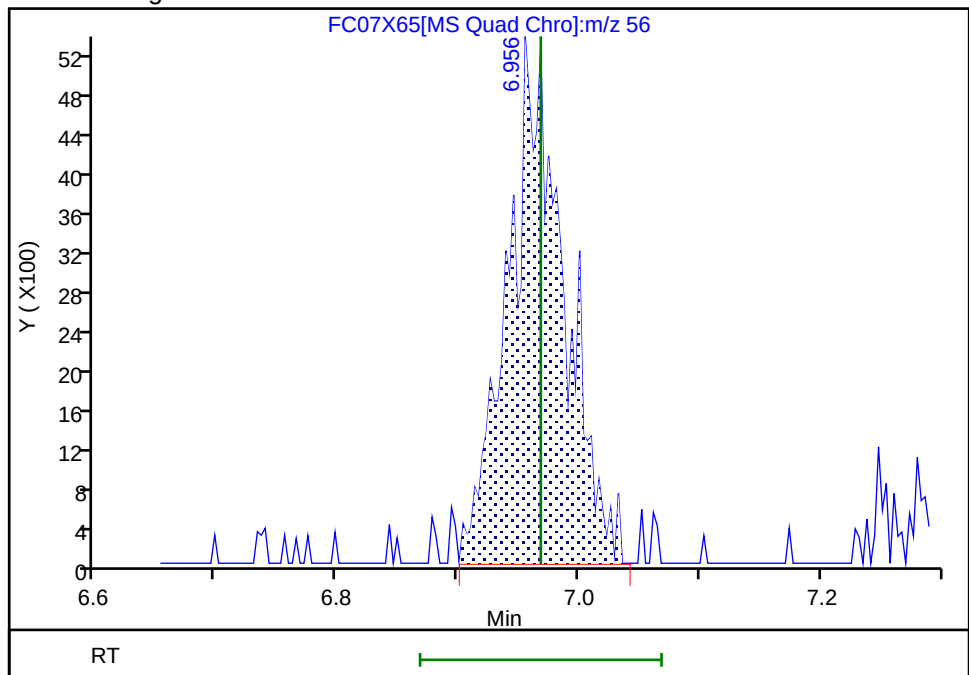
RT: 6.96
Area: 12127
Amount: 0.790376
Amount Units: ug/l

Processing Integration Results



RT: 6.96
Area: 16997
Amount: 0.816647
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:17 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

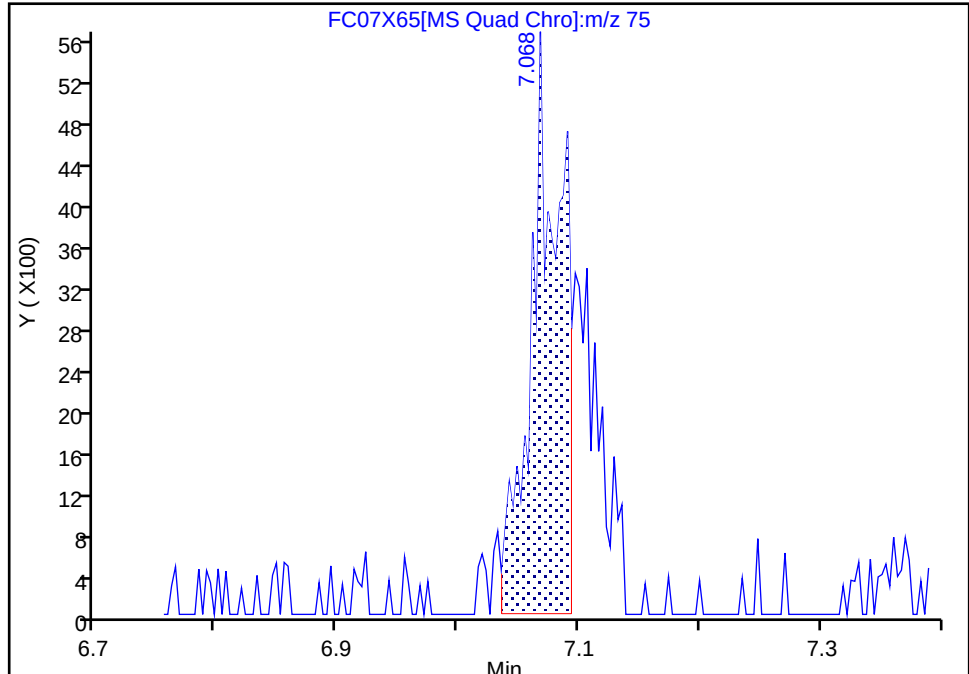
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

52 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

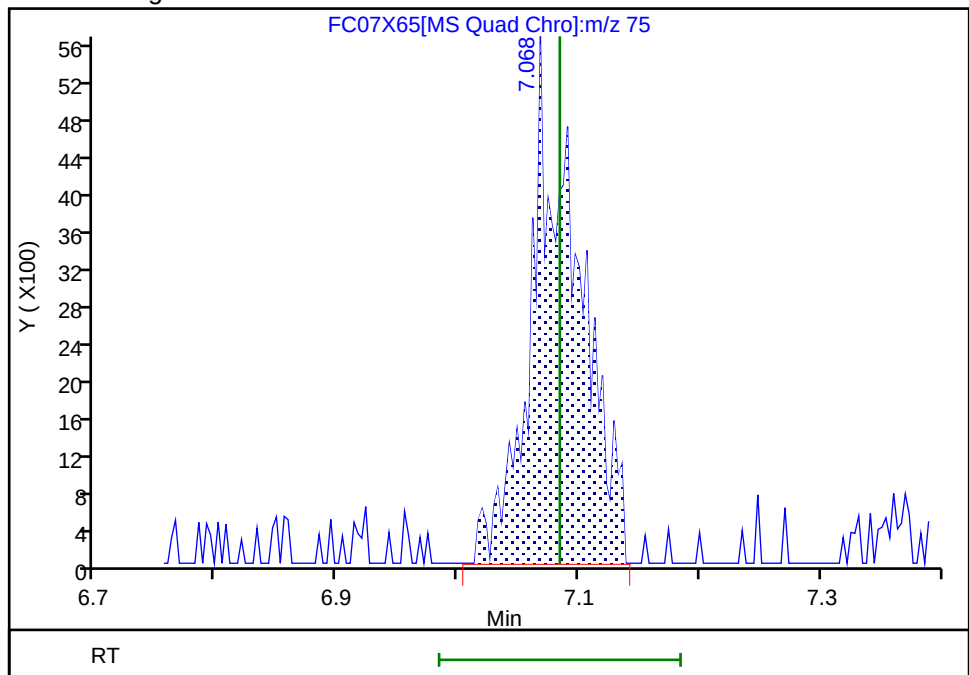
RT: 7.07
Area: 9842
Amount: 0.682642
Amount Units: ug/l

Processing Integration Results



RT: 7.07
Area: 15306
Amount: 0.976887
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:22 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

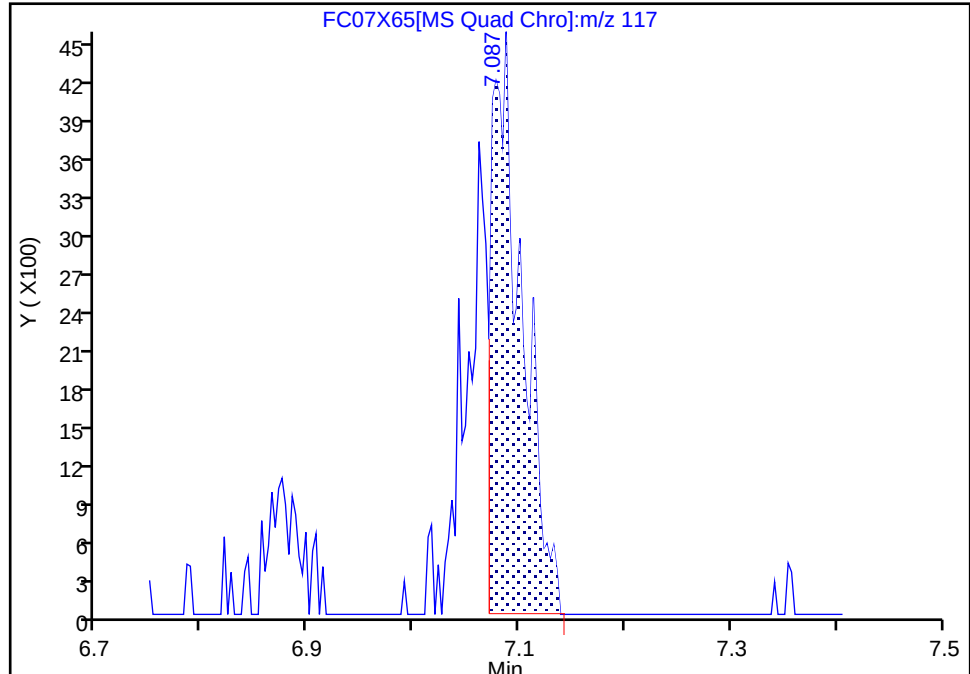
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

53 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

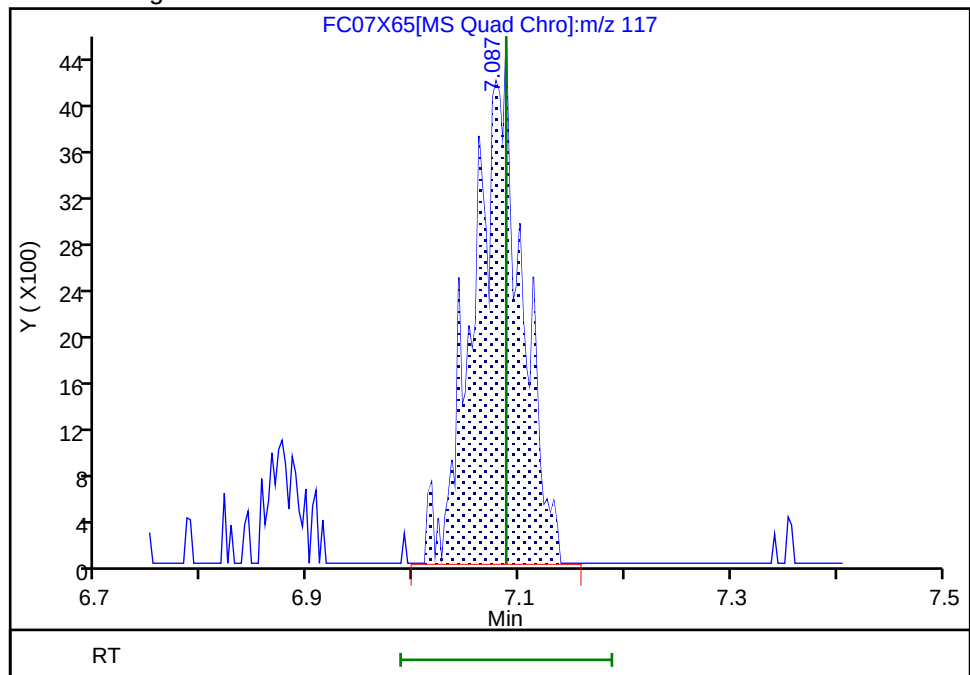
RT: 7.09
Area: 8860
Amount: 0.626736
Amount Units: ug/l

Processing Integration Results



RT: 7.09
Area: 13744
Amount: 0.894902
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:27 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

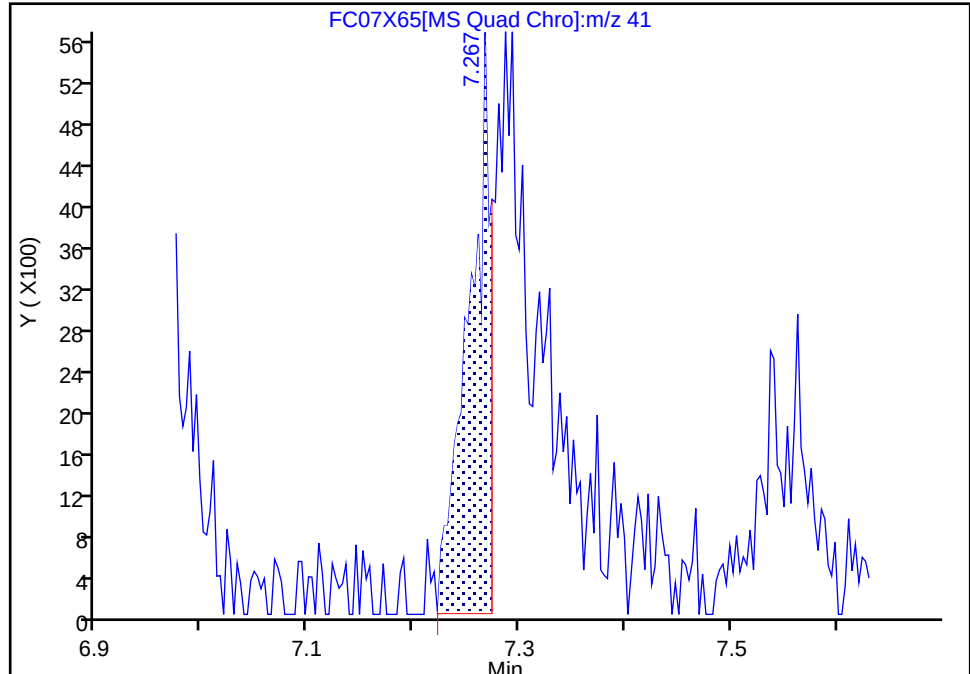
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

56 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

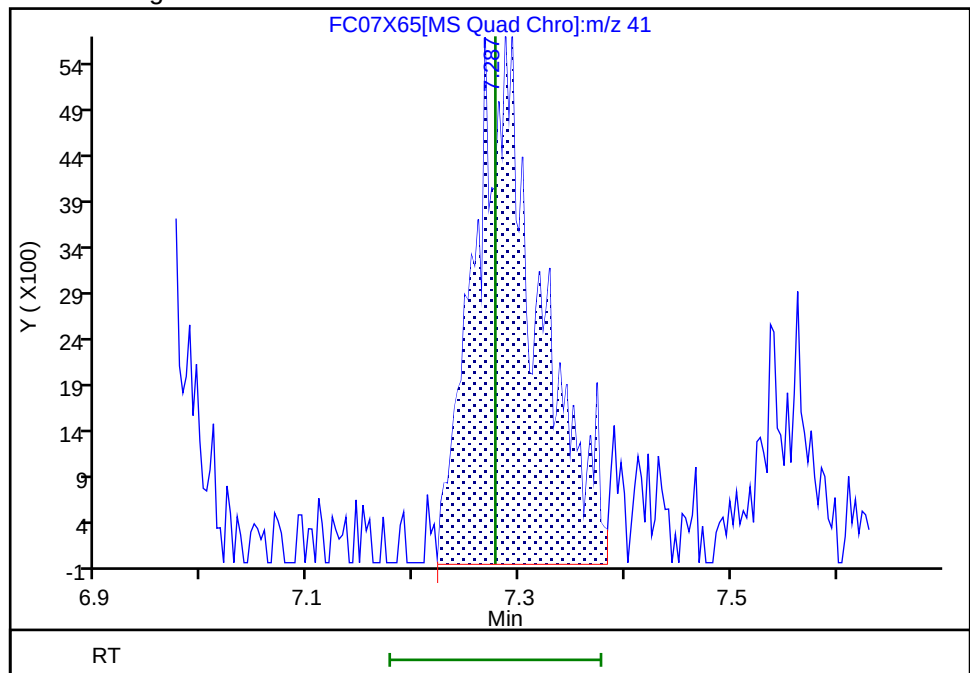
RT: 7.27
Area: 7921
Amount: 12.553222
Amount Units: ug/l

Processing Integration Results



RT: 7.29
Area: 23862
Amount: 11.804690
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:37 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

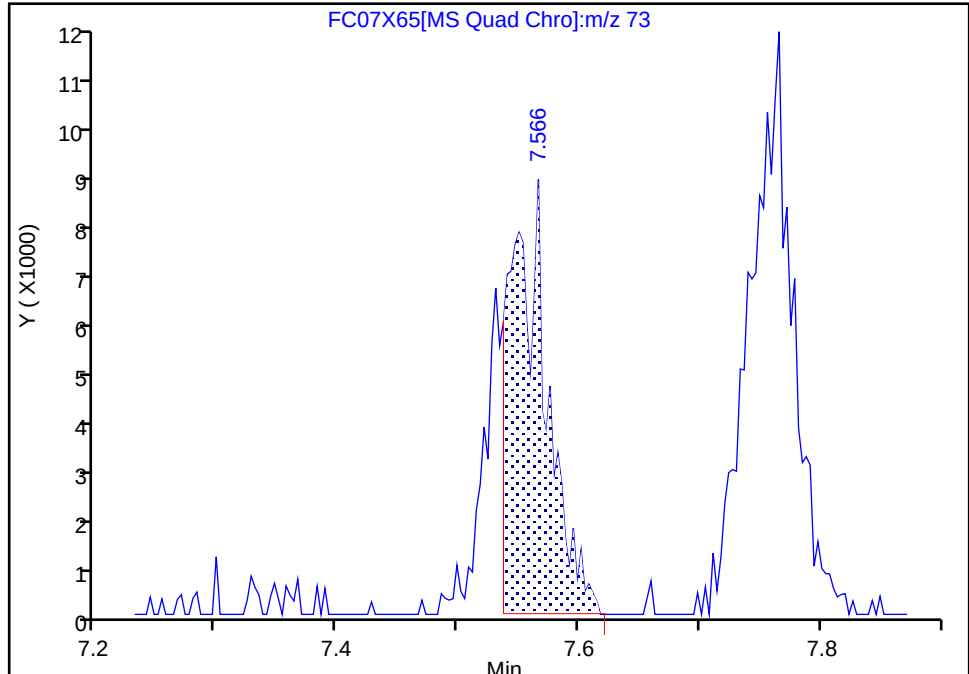
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

60 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

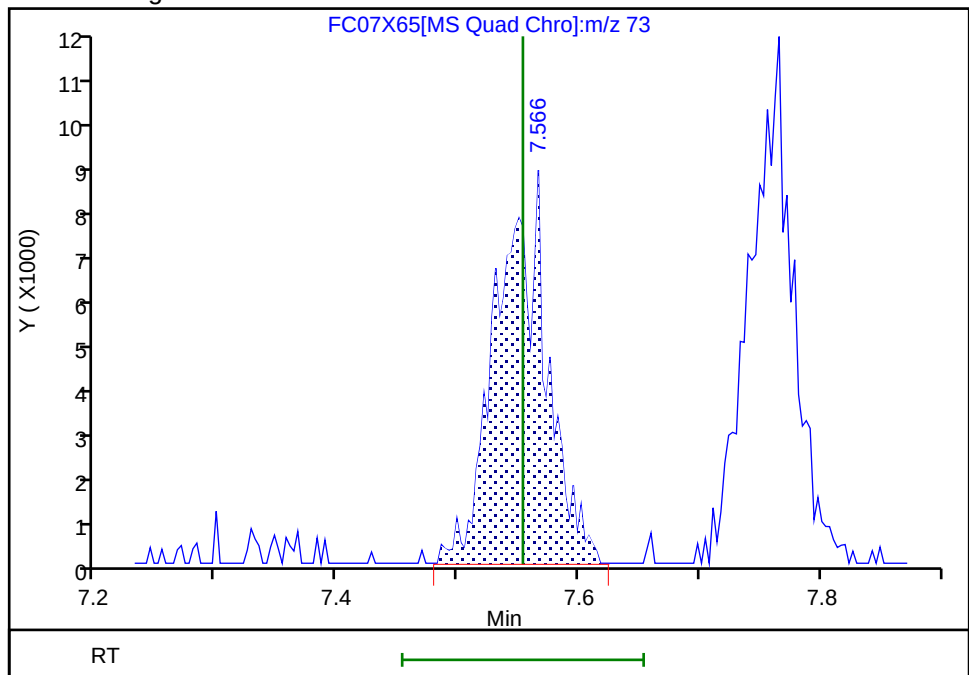
RT: 7.57
Area: 18738
Amount: 0.674064
Amount Units: ug/l

Processing Integration Results



RT: 7.57
Area: 25311
Amount: 0.860327
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:47 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

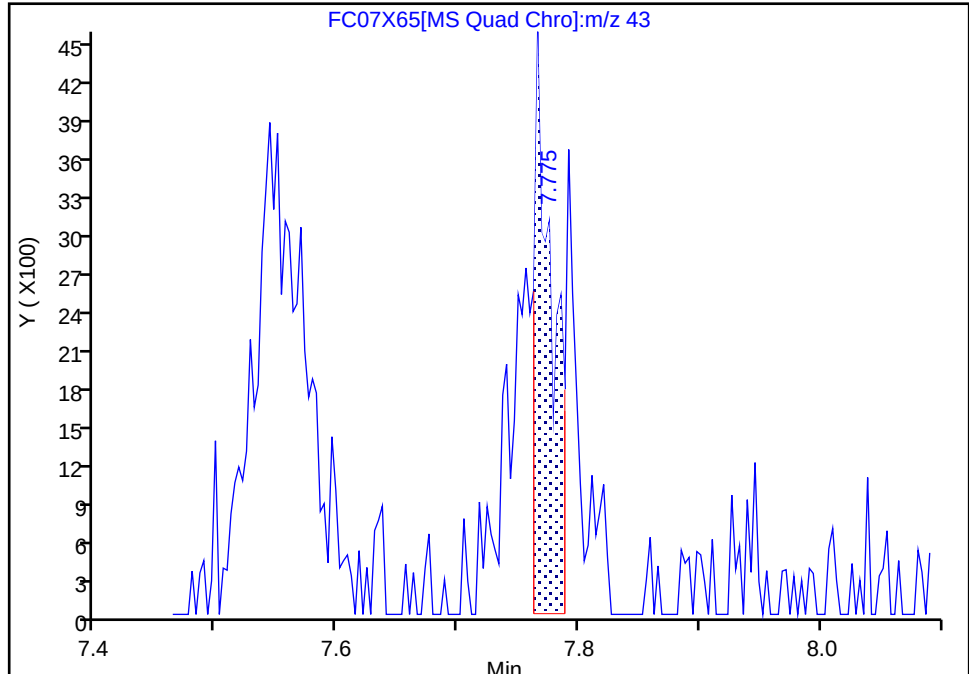
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

62 n-Heptane, CAS: 142-82-5

Signal: 1

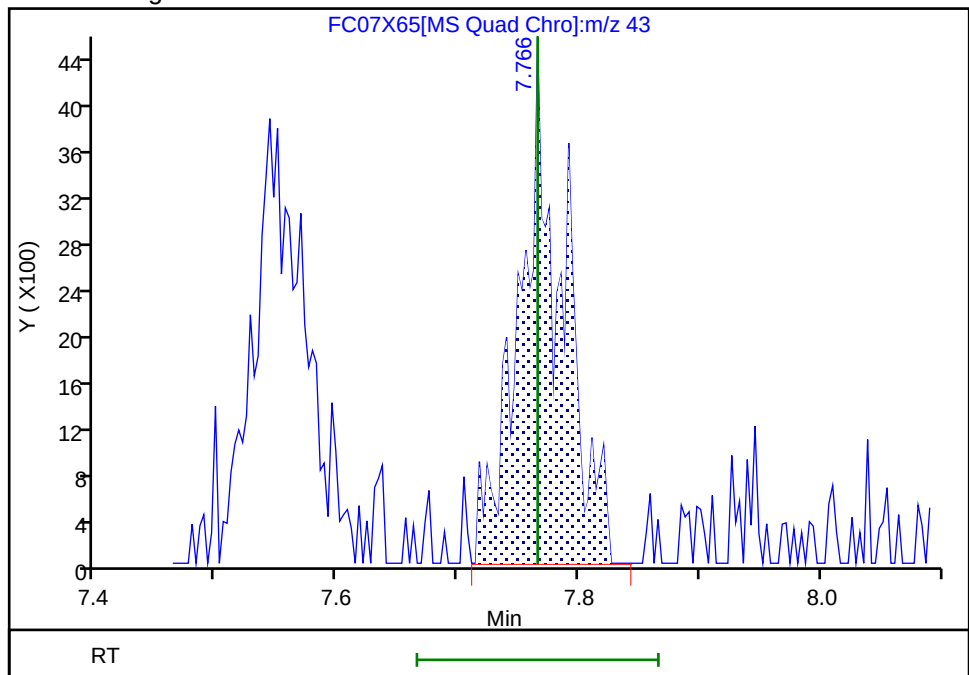
RT: 7.78
Area: 4593
Amount: 1.164291
Amount Units: ug/l

Processing Integration Results



RT: 7.77
Area: 11019
Amount: 0.997382
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:53 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

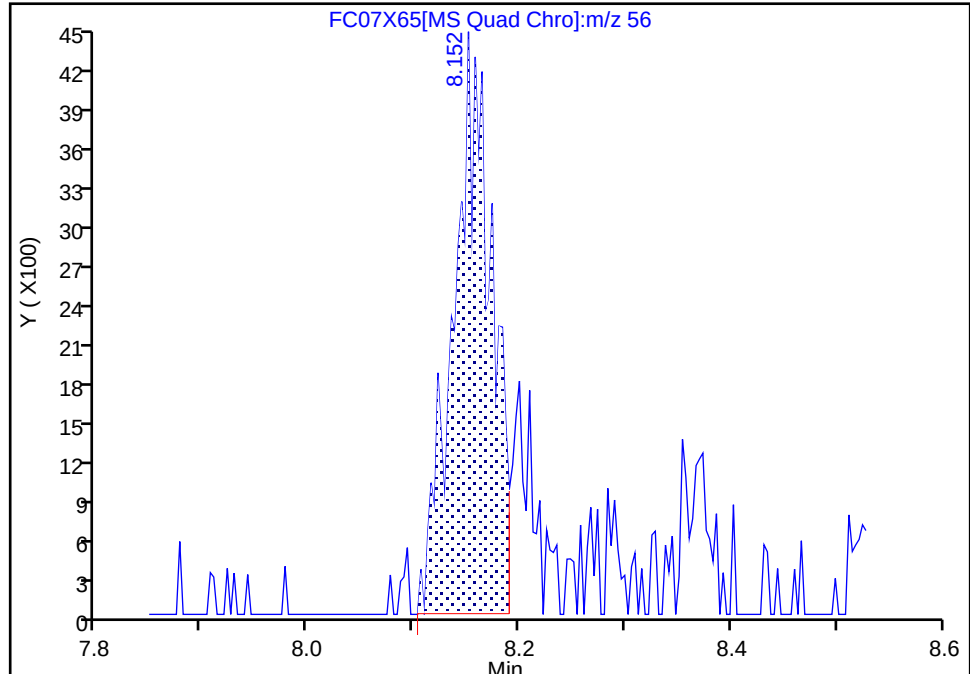
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

63 n-Butanol, CAS: 71-36-3

Signal: 1

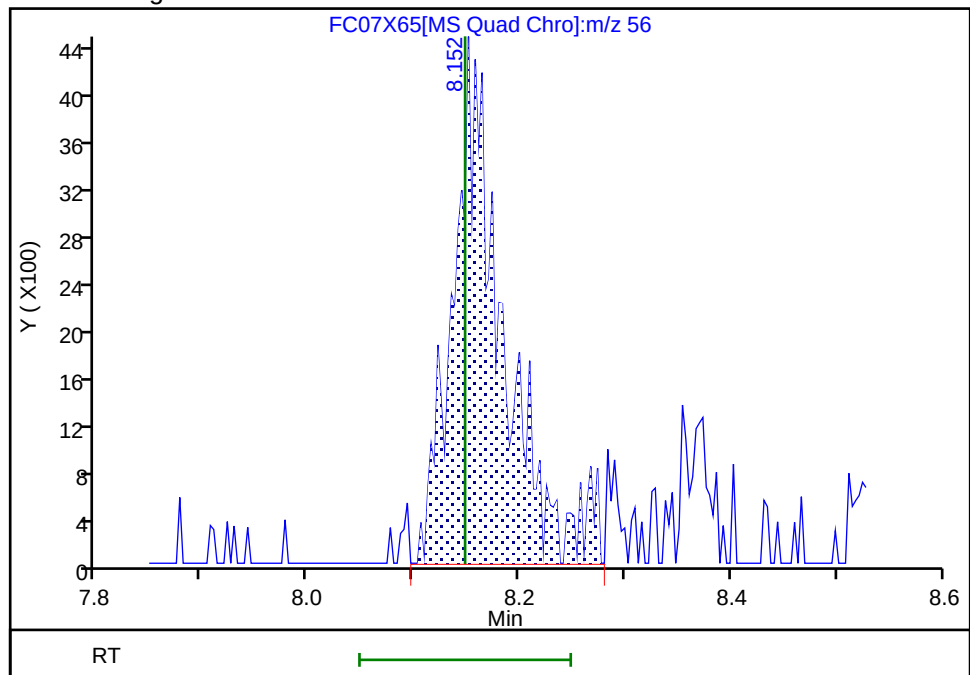
RT: 8.15
Area: 11002
Amount: 8.675494
Amount Units: ug/l

Processing Integration Results



RT: 8.15
Area: 14205
Amount: 10.557602
Amount Units: ug/l

Manual Integration Results



Reviewer: ULCP, 08-Oct-2025 06:05:58 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

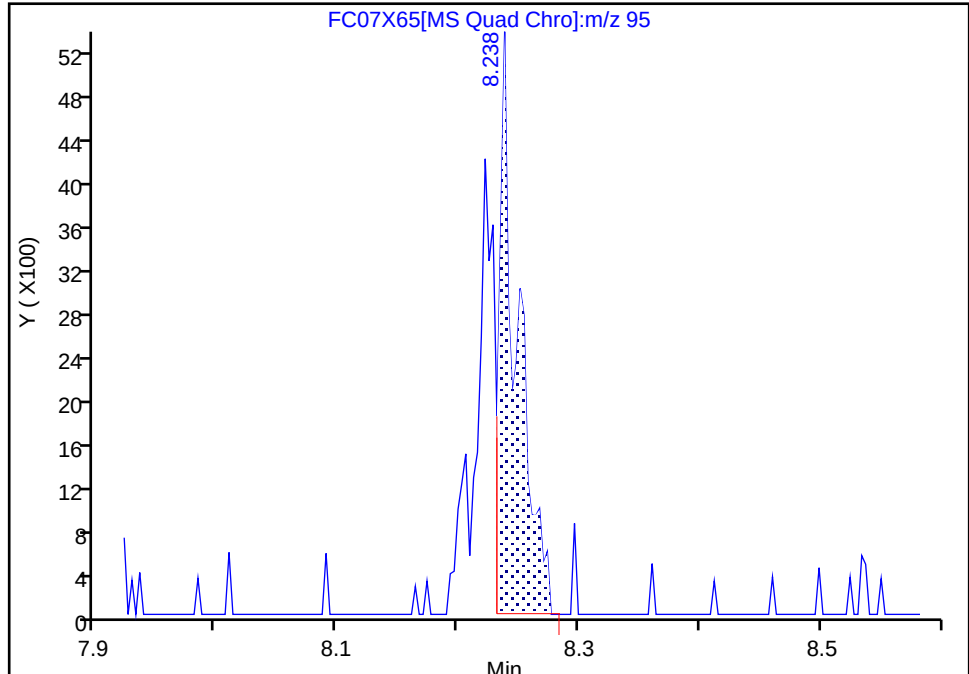
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

64 Trichloroethene, CAS: 79-01-6

Signal: 1

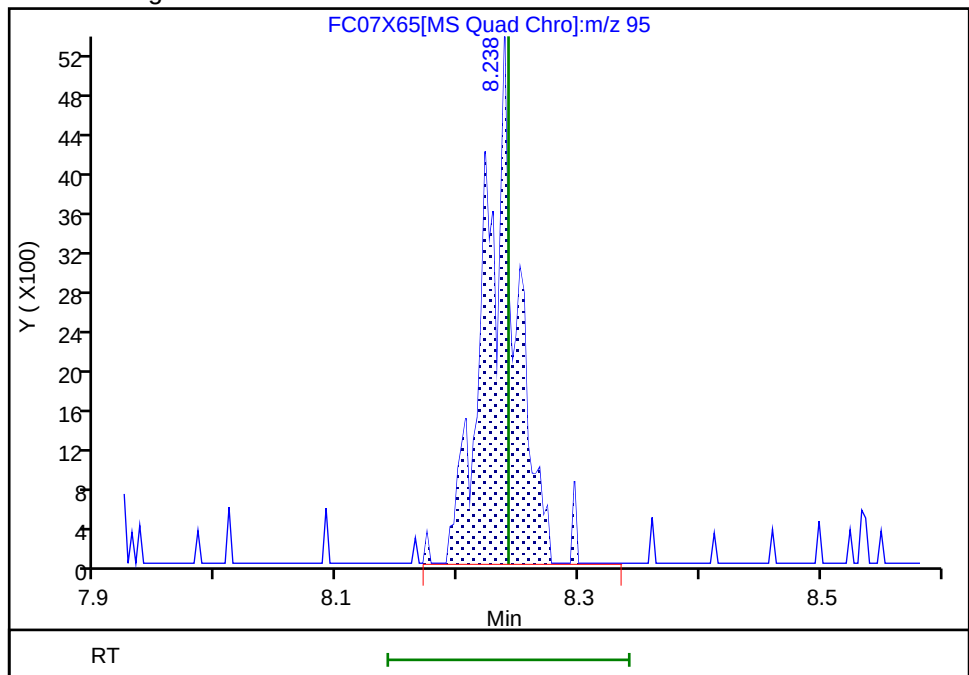
RT: 8.24
Area: 5576
Amount: 1.342310
Amount Units: ug/l

Processing Integration Results



RT: 8.24
Area: 9927
Amount: 0.895331
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:58 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

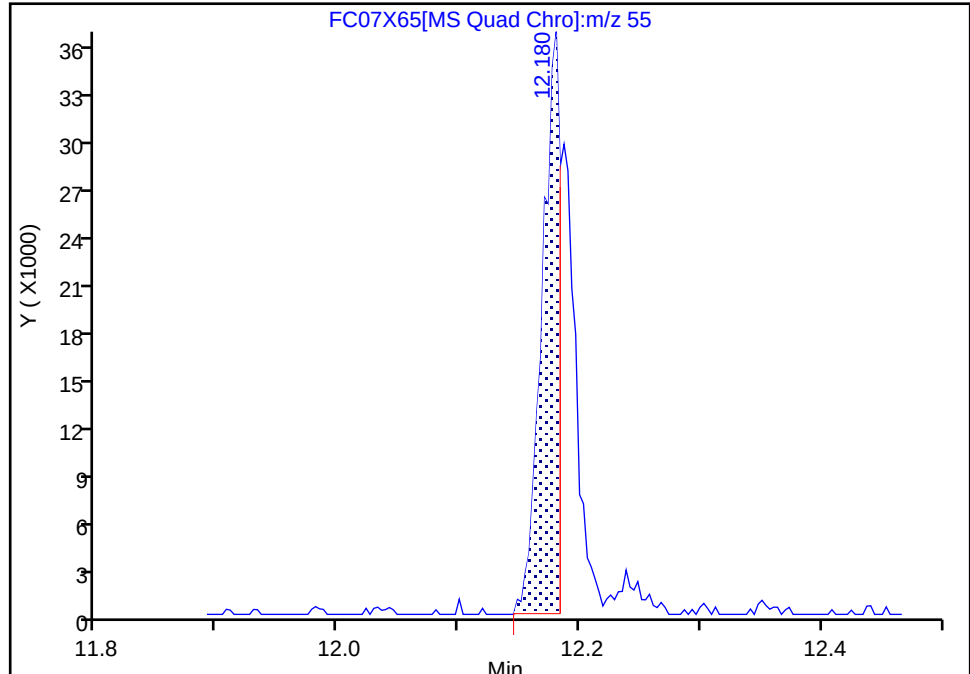
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

125 Cyclohexanone, CAS: 108-94-1

Signal: 1

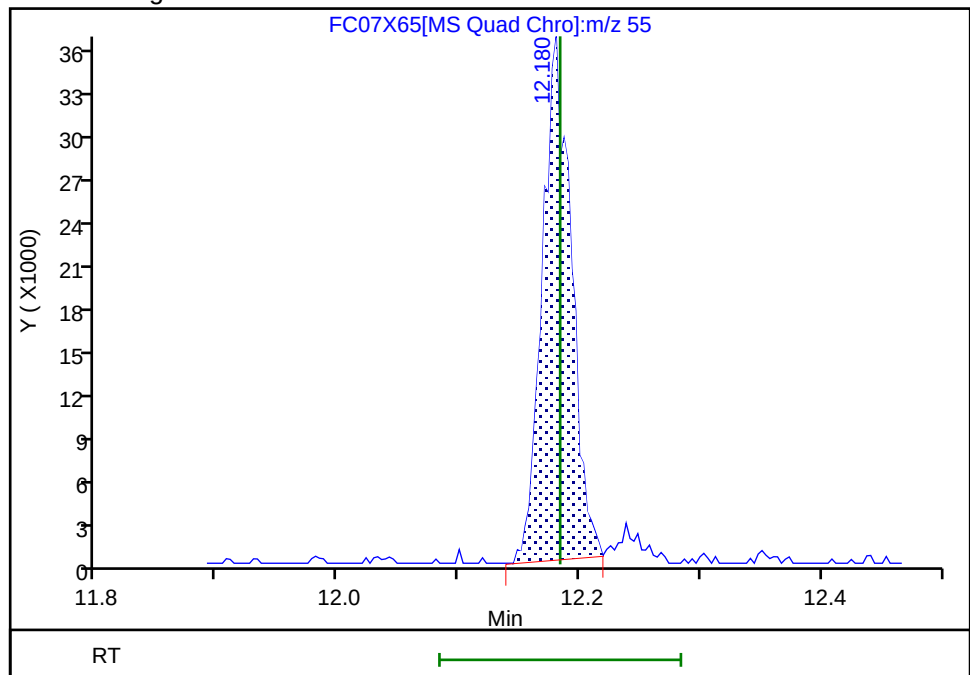
RT: 12.18
Area: 37469
Amount: 43.586555
Amount Units: ug/l

Processing Integration Results



RT: 12.18
Area: 59178
Amount: 34.303396
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:31:17 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X66.D
 Lims ID: IC v4
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 07-Oct-2025 23:29:59 ALS Bottle#: 16 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC V4
 Misc. Info.: 410-0162303-013
 Operator ID: mcd07824 Instrument ID: 15830
 Sublist: chrom-MSVoa_15830_PT2*sub24
 Method: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 06:39:45 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1615

First Level Reviewer: Y6ZN

Date: 08-Oct-2025 00:34:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.952	1.936	0.016	99	116901	4.00	4.25	
4 Chloromethane	50	2.145	2.133	0.012	99	146432	4.00	4.27	
5 Vinyl chloride	62	2.258	2.245	0.013	97	126414	4.00	4.19	
6 Butadiene	39	2.271	2.264	0.007	95	171091	4.00	4.82	
8 Bromomethane	94	2.608	2.589	0.019	88	76303	4.00	4.39	
9 Chloroethane	64	2.689	2.682	0.007	98	69933	4.00	4.30	
10 Dichlorofluoromethane	67	2.939	2.930	0.009	97	169843	4.00	4.24	
11 Trichlorofluoromethane	101	2.988	2.981	0.007	83	130568	4.00	4.29	
12 Pentane	43	3.033	3.014	0.019	95	154294	4.00	5.08	
14 Ethyl ether	59	3.251	3.242	0.009	95	67173	4.00	4.72	M
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.348	3.338	0.010	95	94598	4.00	4.33	
16 Acrolein	56	3.431	3.419	0.012	97	341017	39.0	42.3	
17 1,1-Dichloroethene	96	3.573	3.570	0.003	95	80930	4.00	4.97	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.595	3.586	0.009	90	82862	4.00	5.08	M
19 Acetone	58	3.602	3.596	0.006	97	47470	8.00	10.6	
21 Iodomethane	142	3.775	3.760	0.015	97	126491	4.00	4.74	
22 Isopropyl alcohol	45	3.811	3.798	0.013	89	101040	20.0	23.4	
23 Carbon disulfide	76	3.872	3.875	-0.003	99	234010	4.00	4.90	
24 Methyl acetate	43	4.033	4.030	0.003	77	98324	4.00	3.43	M
25 3-Chloro-1-propene	41	4.039	4.030	0.009	91	94822	4.00	4.19	
26 Methylene Chloride	84	4.248	4.242	0.006	87	68555	4.00	4.18	
* 27 t-Butyl alcohol-d10 (IS)	65	4.319	4.277	0.042	98	1976081	250.0	250.0	
28 2-Methyl-2-propanol	59	4.441	4.409	0.032	54	133265	20.0	19.7	
31 Acrylonitrile	53	4.611	4.592	0.019	98	127494	10.0	10.2	
33 Methyl tert-butyl ether	73	4.672	4.637	0.035	89	143173	4.00	3.89	
32 trans-1,2-Dichloroethene	96	4.653	4.640	0.013	96	62162	4.00	4.25	
34 Hexane	57	5.084	5.081	0.003	94	59102	4.00	4.07	
35 1,1-Dichloroethane	63	5.322	5.316	0.006	95	108631	4.00	4.14	
36 Isopropyl ether	45	5.399	5.390	0.009	91	155383	4.00	3.88	
37 2-Chloro-1,3-butadiene	53	5.438	5.428	0.010	89	75824	4.00	3.69	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	5.933	5.936	-0.003	96	131252	4.00	3.91	
41 2-Butanone (MEK)	43	6.139	6.142	-0.003	99	110302	8.00	7.07	
S 40 1,2-Dichloroethene, Total	100				0			8.19	
42 cis-1,2-Dichloroethene	96	6.168	6.161	0.007	85	63784	4.00	3.95	
43 2,2-Dichloropropane	77	6.174	6.190	-0.016	50	81757	4.00	4.06	M
44 Propionitrile	54	6.258	6.251	0.007	86	106052	20.0	18.8	
45 Methacrylonitrile	67	6.457	6.451	0.006	89	81099	10.0	9.18	
46 Chlorobromomethane	128	6.502	6.496	0.006	95	32523	4.00	4.24	
47 Tetrahydrofuran	71	6.515	6.515	0.000	92	78593	20.0	18.2	
48 Chloroform	83	6.650	6.647	0.003	93	97362	4.00	4.10	
\$ 49 Dibromofluoromethane (Surr)	113	6.868	6.862	0.006	93	684335	50.0	51.5	
50 1,1,1-Trichloroethane	97	6.875	6.878	-0.003	94	83470	4.00	4.12	M
51 Cyclohexane	56	6.968	6.968	0.000	92	92291	4.00	3.99	
52 1,1-Dichloropropene	75	7.094	7.084	0.010	93	67275	4.00	3.87	
53 Carbon tetrachloride	117	7.084	7.087	-0.003	88	69921	4.00	4.10	
56 Isobutyl alcohol	41	7.274	7.277	-0.003	85	89764	50.0	43.3	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.331	7.325	0.006	98	180847	50.0	52.1	
58 Benzene	78	7.360	7.351	0.009	92	213484	4.00	3.93	
59 1,2-Dichloroethane	62	7.431	7.428	0.003	98	71529	4.00	4.24	
60 Tert-amyl methyl ether	73	7.560	7.554	0.006	96	124405	4.00	3.81	
* 61 Fluorobenzene (IS)	96	7.762	7.759	0.003	99	2465042	50.0	50.0	
62 n-Heptane	43	7.778	7.766	0.012	63	48649	4.00	3.97	
63 n-Butanol	56	8.155	8.148	0.007	96	57380	50.0	41.6	M
64 Trichloroethene	95	8.238	8.242	-0.004	98	49950	4.00	4.06	
65 Methylcyclohexane	83	8.553	8.544	0.009	91	71468	4.00	3.83	
66 1,2-Dichloropropane	63	8.582	8.582	0.000	90	51428	4.00	3.94	
67 2-ethoxy-2-methyl butane	87	8.595	8.586	0.009	89	57987	4.00	3.54	
68 Methyl methacrylate	69	8.672	8.672	0.000	90	36711	4.00	3.66	
70 1,4-Dioxane	88	8.669	8.679	-0.010	39	16773	50.0	38.2	
69 Dibromomethane	93	8.692	8.685	0.007	95	33163	4.00	4.15	
72 Dichlorobromomethane	83	8.923	8.920	0.003	98	57286	4.00	3.97	
73 2-Nitropropane	41	9.219	9.213	0.006	99	99720	20.0	17.6	
74 2-Chloroethyl vinyl ether	63	9.293	9.293	0.000	90	21622	4.00	3.05	
76 cis-1,3-Dichloropropene	75	9.479	9.470	0.009	94	55017	4.00	3.52	
78 4-Methyl-2-pentanone (MIBK)	43	9.663	9.656	0.007	97	171775	8.00	6.99	
\$ 79 Toluene-d8 (Surr)	98	9.785	9.782	0.003	94	2299674	50.0	49.6	
80 Toluene	92	9.855	9.859	-0.004	99	118291	4.00	3.96	
S 104 1,3-Dichloropropene, Total	100				0			7.19	
105 trans-1,3-Dichloropropene	75	10.116	10.116	0.000	94	49008	4.00	3.67	
106 Ethyl methacrylate	69	10.180	10.180	0.000	90	54557	4.00	3.57	
107 1,1,2-Trichloroethane	97	10.325	10.322	0.003	91	38519	4.00	3.86	
108 Tetrachloroethene	166	10.405	10.399	0.006	95	48578	4.00	4.11	
109 1,3-Dichloropropane	76	10.482	10.483	-0.001	92	61786	4.00	3.80	
110 2-Hexanone	43	10.540	10.541	-0.001	97	123307	8.00	7.11	
111 Chlorodibromomethane	129	10.695	10.695	0.000	91	36954	4.00	3.55	
112 Ethylene Dibromide	107	10.807	10.801	0.006	98	37092	4.00	3.88	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.235	0.003	86	1638082	50.0	50.0	
S 116 Xylenes, Total	106				0			11.3	
114 1-Chlorohexane	91	11.251	11.248	0.003	45	51365	4.00	3.96	
115 Chlorobenzene	112	11.264	11.264	0.000	95	122751	4.00	3.94	
117 1,1,1,2-Tetrachloroethane	131	11.347	11.348	-0.001	45	46280	4.00	3.89	
118 Ethylbenzene	91	11.351	11.351	0.000	98	206830	4.00	3.86	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
119 m-Xylene & p-Xylene	106	11.466	11.467	-0.001	98	158502	8.00	7.54	
120 o-Xylene	106	11.798	11.798	0.000	96	80711	4.00	3.73	
121 Styrene	104	11.814	11.811	0.003	93	113085	4.00	3.55	
122 Bromoform	173	11.968	11.965	0.003	93	28088	4.00	3.84	
123 Isopropylbenzene	105	12.100	12.100	0.000	96	190840	4.00	3.77	
125 Cyclohexanone	55	12.180	12.184	-0.004	93	329419	200.0	186.2	
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	89	895456	50.0	53.5	
127 1,1,2,2-Tetrachloroethane	83	12.347	12.348	-0.001	95	87111	4.00	3.96	
128 Bromobenzene	156	12.360	12.357	0.003	96	51806	4.00	3.82	
129 trans-1,4-Dichloro-2-butene	53	12.376	12.373	0.003	82	33629	10.0	19.0	
130 1,2,3-Trichloropropane	110	12.389	12.393	-0.004	84	29706	4.00	4.09	
131 N-Propylbenzene	91	12.425	12.428	-0.003	98	249076	4.00	3.89	
132 2-Chlorotoluene	126	12.502	12.505	-0.003	97	51303	4.00	3.72	
133 1,3,5-Trimethylbenzene	105	12.566	12.563	0.003	94	147196	4.00	3.19	
134 4-Chlorotoluene	126	12.598	12.598	0.000	96	51227	4.00	3.99	
135 tert-Butylbenzene	134	12.807	12.811	-0.004	94	24364	4.00	5.48	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	97	147659	4.00	3.17	
137 sec-Butylbenzene	105	12.971	12.975	-0.004	94	164840	4.00	3.17	
138 1,3-Dichlorobenzene	146	13.071	13.071	0.000	97	96229	4.00	3.94	
139 4-Isopropyltoluene	119	13.080	13.084	-0.004	96	136864	4.00	3.05	
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.129	0.000	95	1017456	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.145	13.145	0.000	94	97785	4.00	3.89	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	98	167587	4.00	3.56	
143 Benzyl chloride	91	13.228	13.225	0.003	98	121075	4.00	3.52	
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	94	81840	4.00	3.13	
145 p-Diethylbenzene	119	13.354	13.357	-0.003	92	86803	4.00	3.12	
146 n-Butylbenzene	92	13.376	13.376	0.000	97	74568	4.00	3.39	
147 1,2-Dichlorobenzene	146	13.412	13.409	0.003	98	100106	4.00	3.83	
148 o-diethylbenzene	119	13.428	13.431	-0.003	97	71701	4.00	3.09	
149 1,2-Dibromo-3-Chloropropane	75	13.952	13.955	-0.003	80	27115	4.00	3.80	
150 1,3,5-Trichlorobenzene	180	14.080	14.077	0.003	95	56127	4.00	3.62	
151 1,2,4-Trichlorobenzene	180	14.508	14.505	0.003	92	54854	4.00	3.68	
152 Hexachlorobutadiene	225	14.592	14.592	0.000	96	21684	4.00	3.58	
153 Naphthalene	128	14.688	14.692	-0.004	97	214543	4.00	3.35	
154 1,2,3-Trichlorobenzene	180	14.836	14.836	0.000	95	55211	4.00	3.42	
155 2-Methylnaphthalene	142	15.479	15.483	-0.003	93	83485	4.00	5.19	
S 156 Total Diethylbenzene	1				0			9.34	
183 Ethyl acrylate	55		0.000				ND	ND	
198 2-Ethylhexyl acrylate	55		0.000				ND	ND	
200 Methyl acrylate	55		0.000				ND	ND	
206 n-Butyl acrylate	55		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00256	Amount Added: 4.00	Units: uL	
MSV_CCV_GASES_01144	Amount Added: 2.00	Units: uL	
MSV_CCV_VOC#3_00258	Amount Added: 3.20	Units: uL	
MSV_CCV_2CEVE_00249	Amount Added: 4.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 4.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 32.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 4.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X66.D

Injection Date: 07-Oct-2025 23:29:59

Instrument ID: 15830

Operator ID: mcd07824

Lims ID: IC v4

Worklist Smp#: 13

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

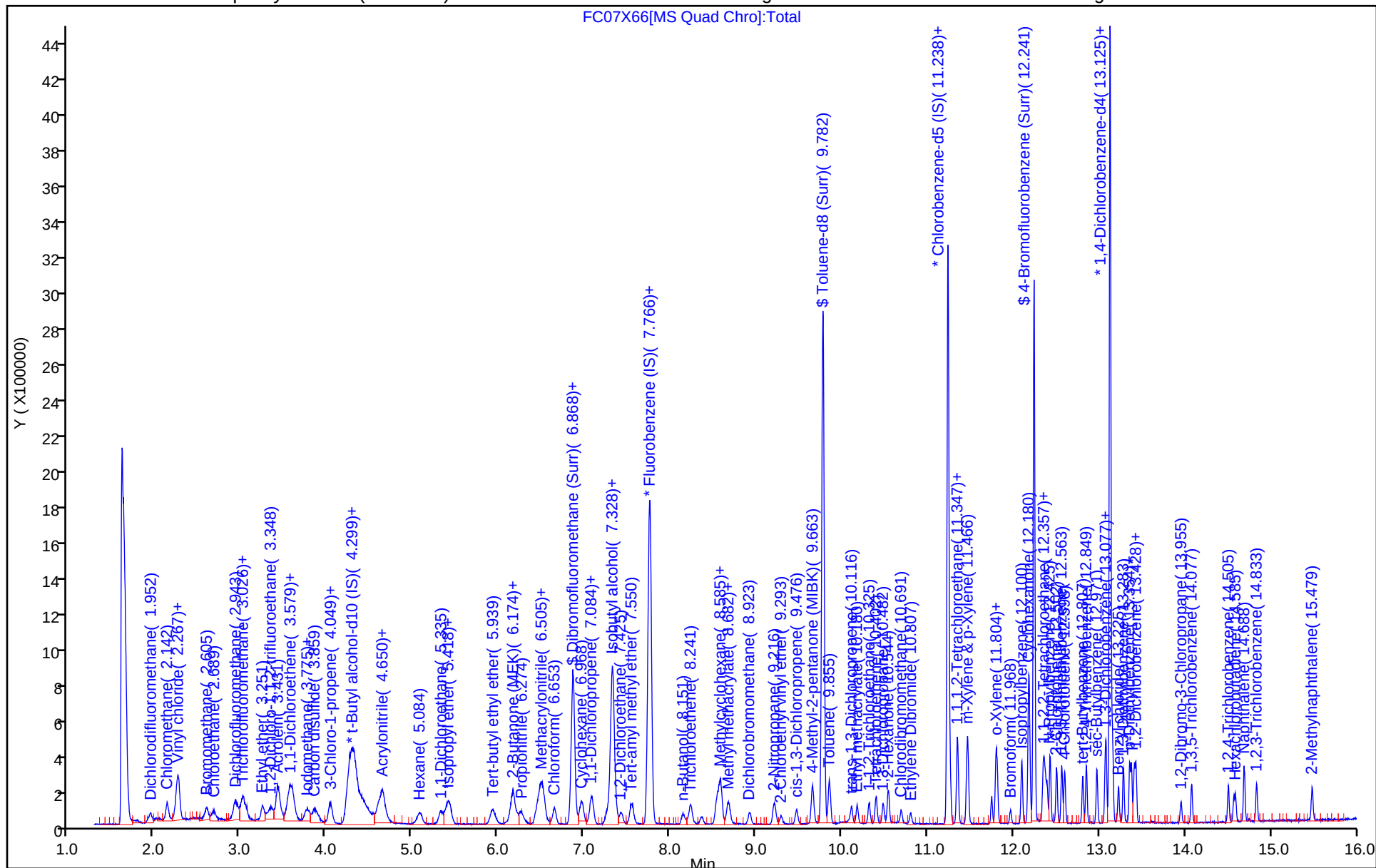
ALS Bottle#: 16

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

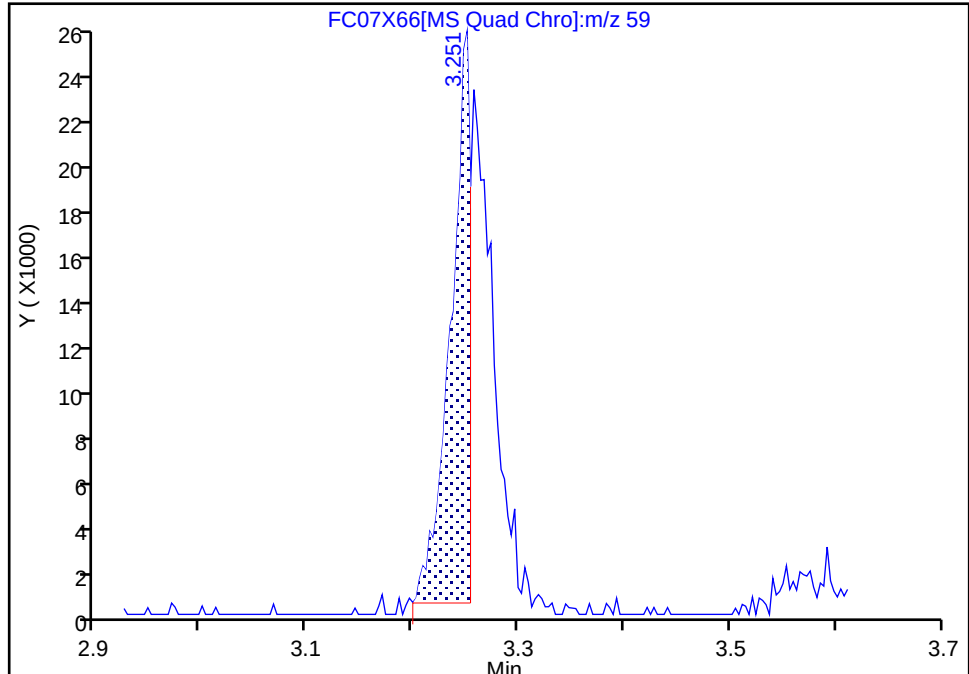
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Lims ID: IC v4
Client ID:
Operator ID: mcd07824 ALS Bottle#: 16 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

14 Ethyl ether, CAS: 60-29-7

Signal: 1

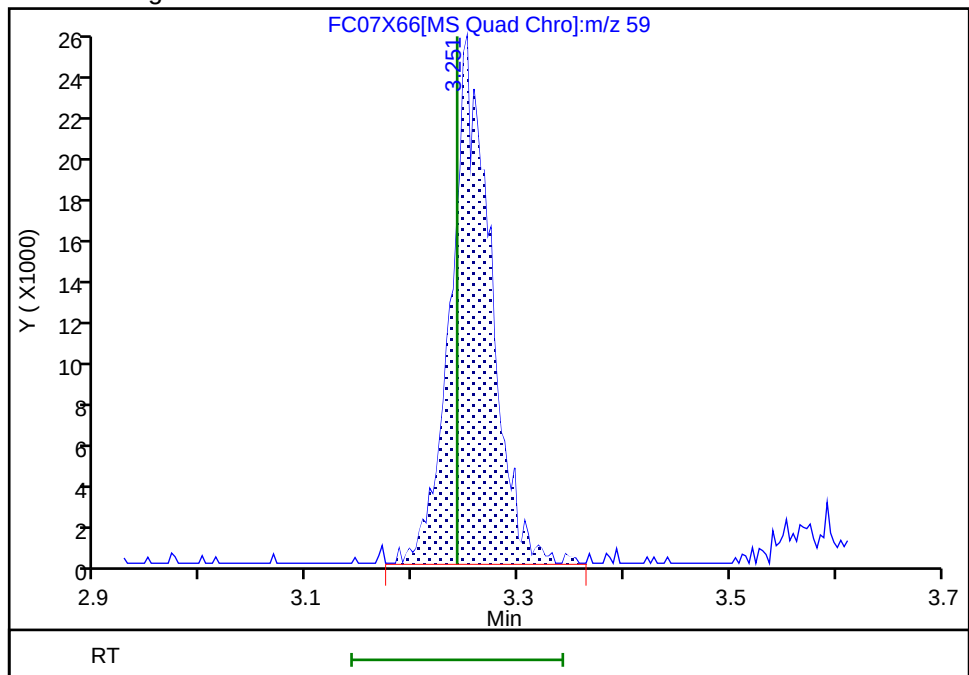
RT: 3.25
Area: 32025
Amount: 2.491417
Amount Units: ug/l

Processing Integration Results



RT: 3.25
Area: 67173
Amount: 4.723789
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:31:46 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

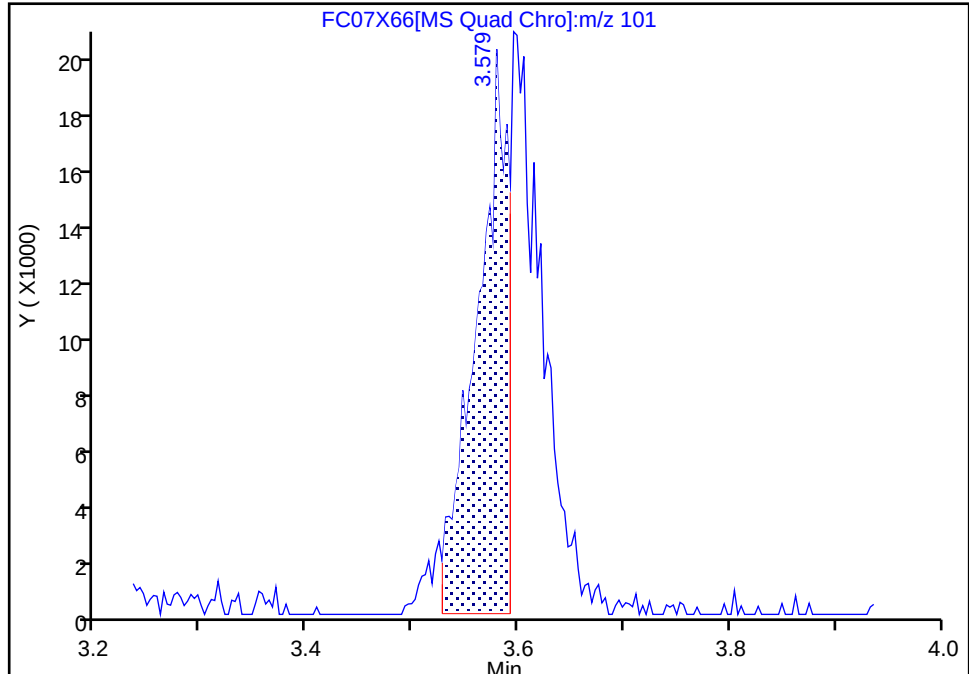
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Injection Date: 07-Oct-2025 23:29:59 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: mcd07824 ALS Bottle#: 16 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

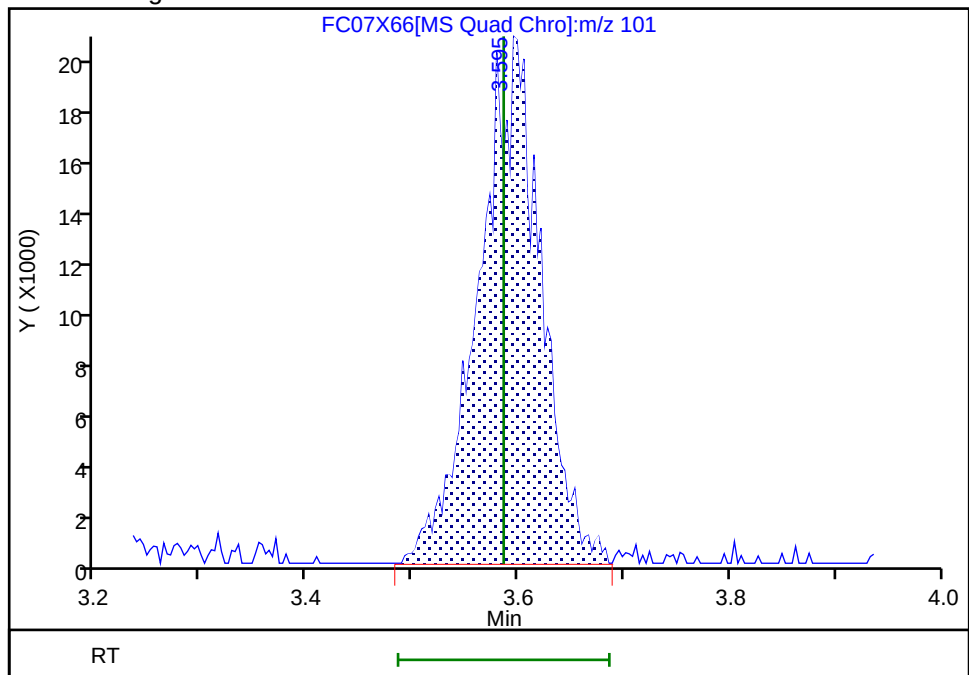
RT: 3.58
Area: 40648
Amount: 2.803777
Amount Units: ug/l

Processing Integration Results



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Area: 82862
Amount: 5.079724
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:31:52 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

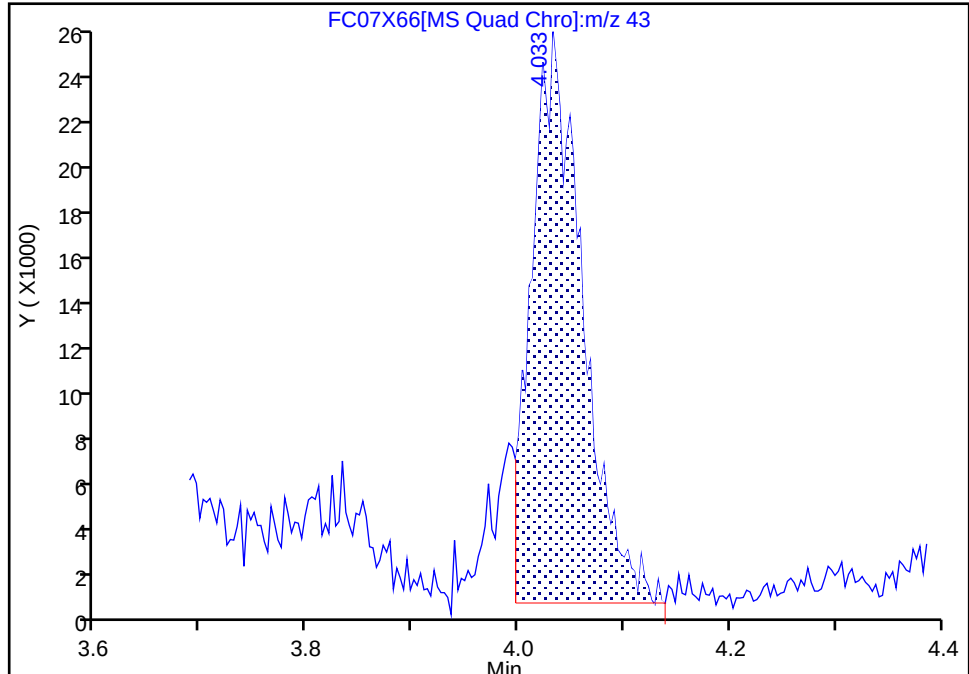
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Injection Date: 07-Oct-2025 23:29:59 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: mcd07824 ALS Bottle#: 16 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

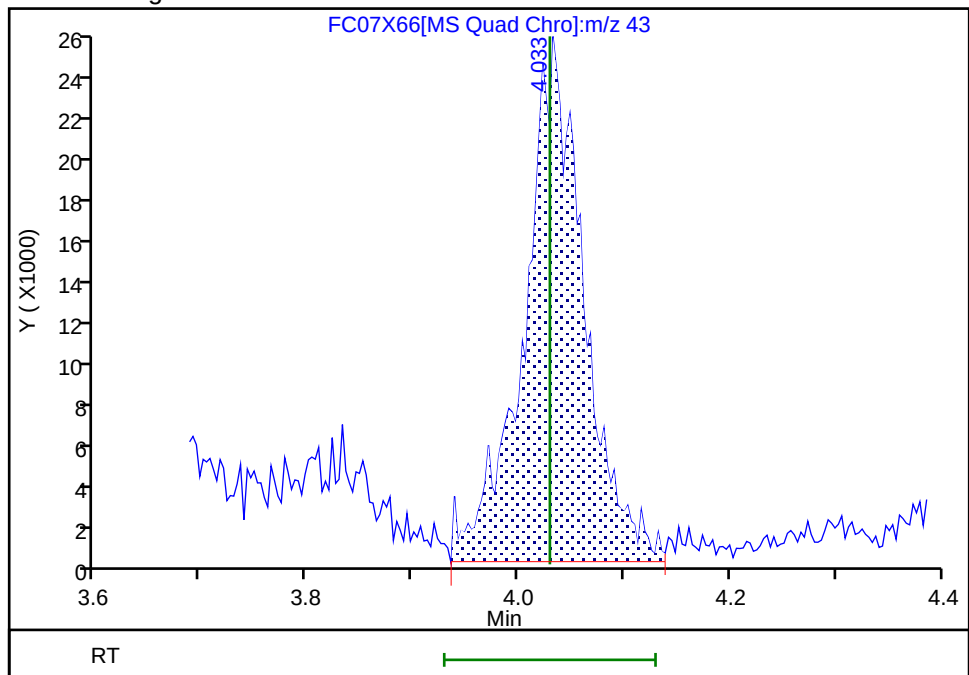
RT: 4.03
Area: 81651
Amount: 2.891992
Amount Units: ug/l

Processing Integration Results



RT: 4.03
Area: 98324
Amount: 3.432215
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:32:18 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

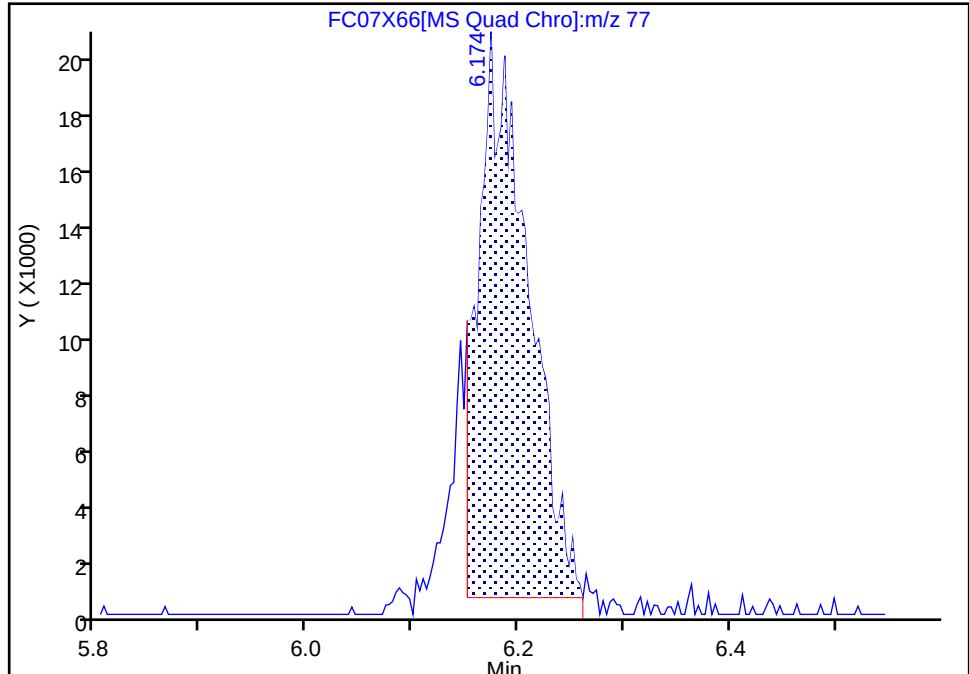
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X66.D
Injection Date: 07-Oct-2025 23:29:59 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: mcd07824 ALS Bottle#: 16 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

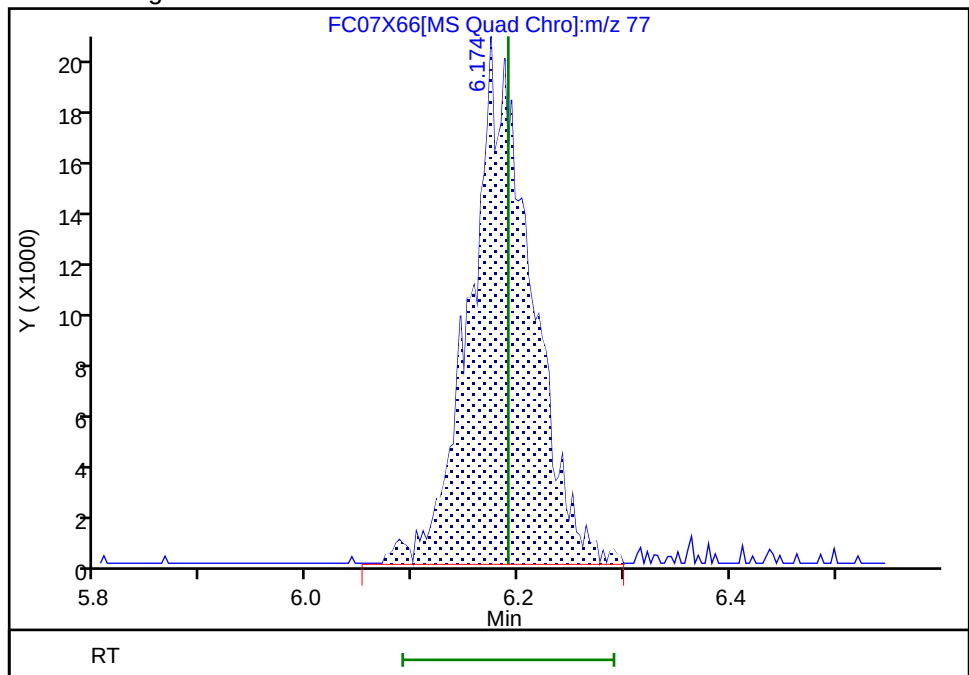
RT: 6.17
Area: 65493
Amount: 3.431977
Amount Units: ug/l

Processing Integration Results



RT: 6.17
Area: 81757
Amount: 4.059521
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:32:34 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

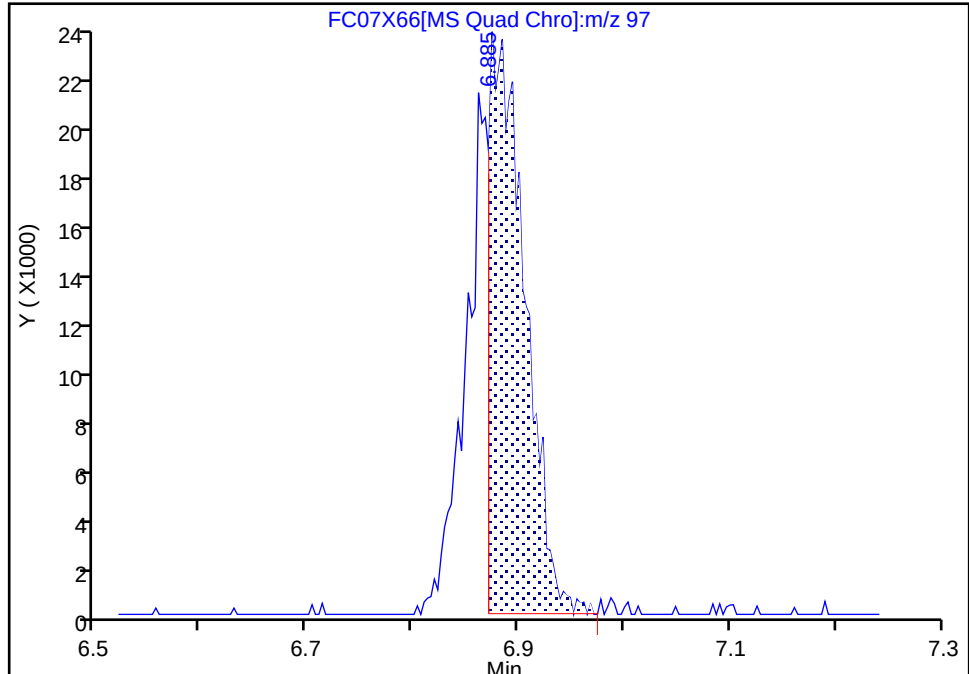
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Injection Date: 07-Oct-2025 23:29:59 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: mcd07824 ALS Bottle#: 16 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

50 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

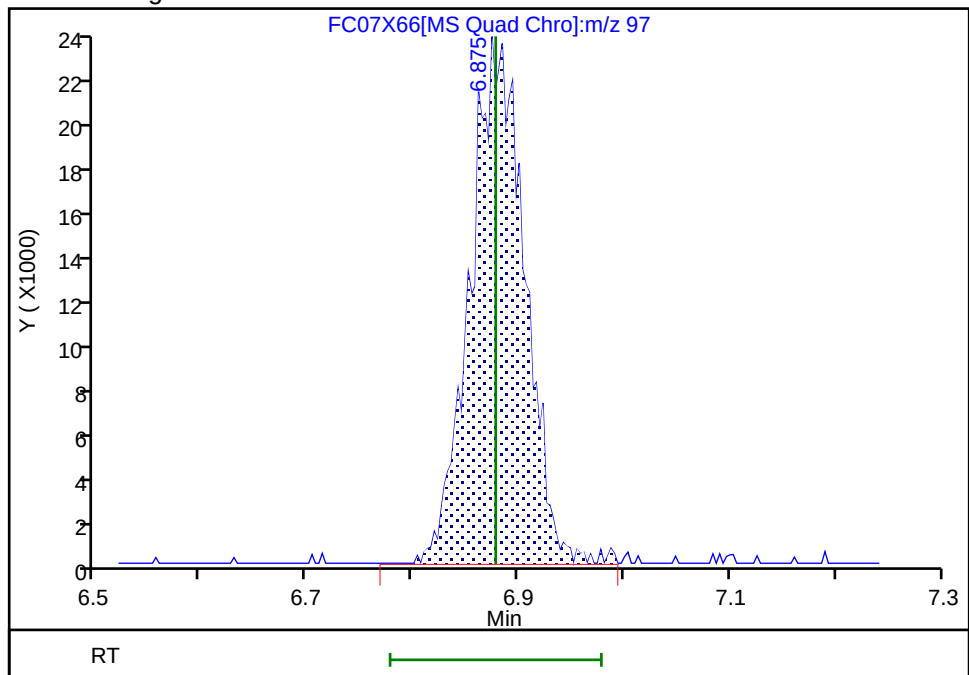
RT: 6.88
Area: 54620
Amount: 2.934049
Amount Units: ug/l

Processing Integration Results



RT: 6.87
Area: 83470
Amount: 4.117101
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:32:41 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

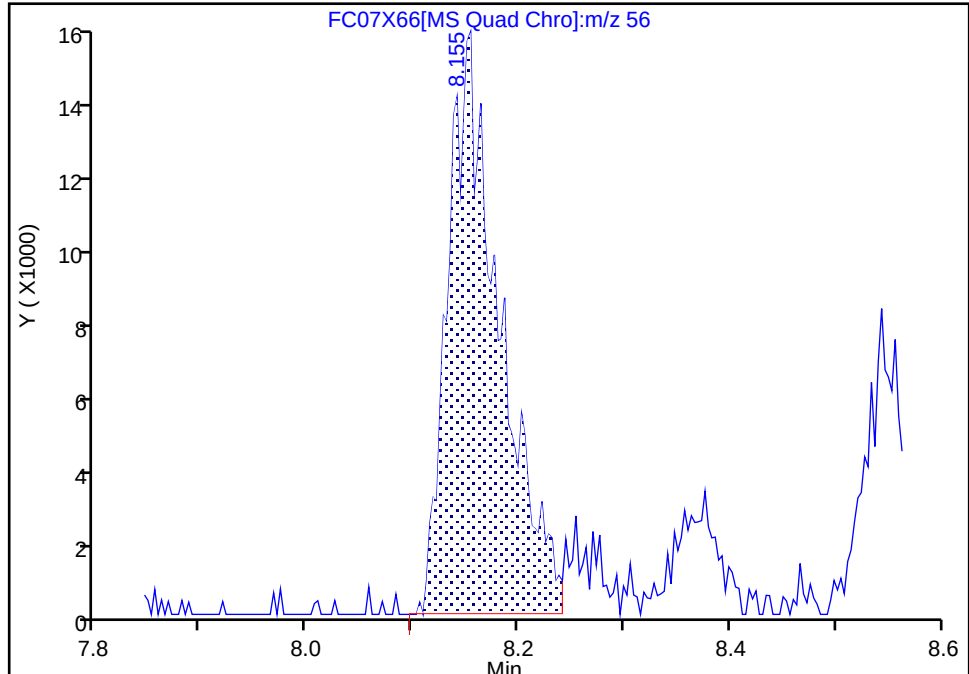
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Injection Date: 07-Oct-2025 23:29:59 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: mcd07824 ALS Bottle#: 16 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

63 n-Butanol, CAS: 71-36-3

Signal: 1

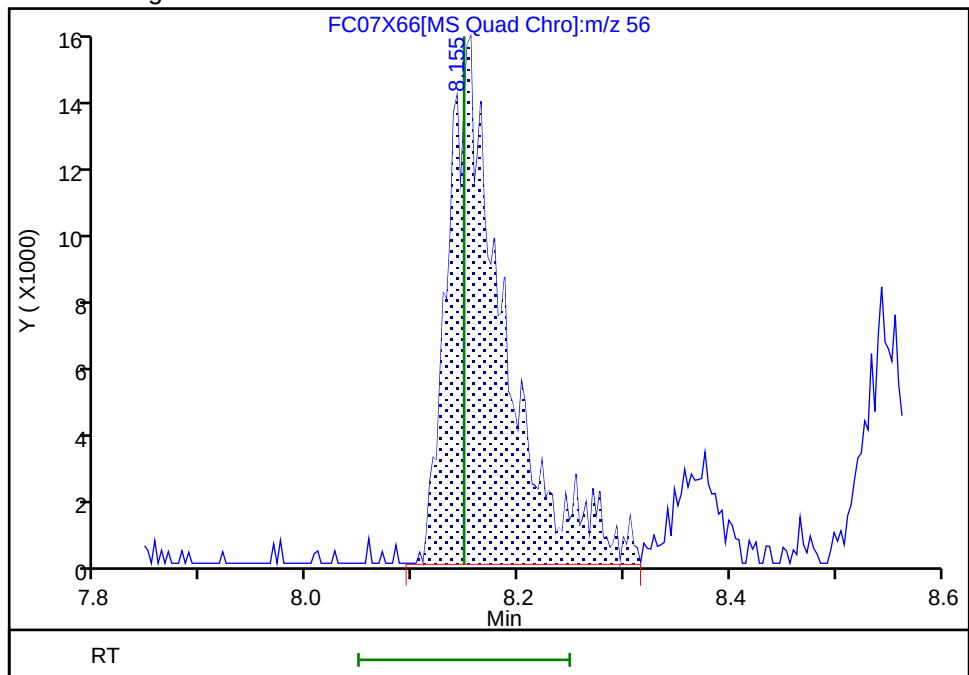
RT: 8.15
Area: 52520
Amount: 38.866503
Amount Units: ug/l

Processing Integration Results



RT: 8.15
Area: 57380
Amount: 41.582742
Amount Units: ug/l

Manual Integration Results



Reviewer: ULCP, 08-Oct-2025 06:05:34 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Lims ID: IC v10
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 07-Oct-2025 23:52:36 ALS Bottle#: 17 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC V10
 Misc. Info.: 410-0162303-014
 Operator ID: mcd07824 Instrument ID: 15830
 Sublist: chrom-MSVoa_15830_PT2*sub24
 Method: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 06:39:55 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1615

First Level Reviewer: ULCP

Date: 08-Oct-2025 05:43:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.943	1.936	0.007	99	379951	10.0	10.4	
4 Chloromethane	50	2.132	2.133	-0.001	99	459393	10.0	10.1	
5 Vinyl chloride	62	2.242	2.245	-0.003	98	399737	10.0	10.0	
6 Butadiene	39	2.261	2.264	-0.003	97	527662	10.0	11.2	
8 Bromomethane	94	2.592	2.589	0.003	92	230044	10.0	10.0	
9 Chloroethane	64	2.682	2.682	0.000	99	220126	10.0	10.2	
10 Dichlorofluoromethane	67	2.930	2.930	0.000	97	543947	10.0	10.3	
11 Trichlorofluoromethane	101	2.978	2.981	-0.003	90	416979	10.0	10.4	
12 Pentane	43	3.023	3.014	0.009	98	488325	10.0	12.7	
14 Ethyl ether	59	3.235	3.242	-0.007	96	180258	10.0	9.59	M
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.348	3.338	0.010	94	305934	10.0	10.6	
16 Acrolein	56	3.428	3.419	0.009	100	1008353	97.6	90.2	
17 1,1-Dichloroethene	96	3.554	3.570	-0.016	92	212009	10.0	9.85	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.586	3.586	0.000	93	225284	10.0	10.4	
19 Acetone	58	3.605	3.596	0.009	99	109781	20.0	17.6	
21 Iodomethane	142	3.763	3.760	0.003	98	346959	10.0	9.83	
22 Isopropyl alcohol	45	3.804	3.798	0.006	97	319732	50.0	53.4	M
23 Carbon disulfide	76	3.869	3.875	-0.006	100	749961	10.0	11.9	
24 Methyl acetate	43	4.023	4.030	-0.007	99	353093	10.0	11.9	
25 3-Chloro-1-propene	41	4.039	4.030	0.009	92	373196	10.0	12.5	
26 Methylene Chloride	84	4.238	4.242	-0.004	95	248432	10.0	11.4	
* 27 t-Butyl alcohol-d10 (IS)	65	4.287	4.277	0.010	97	2740788	250.0	250.0	
28 2-Methyl-2-propanol	59	4.399	4.409	-0.010	74	551338	50.0	58.7	
31 Acrylonitrile	53	4.592	4.592	0.000	98	483678	25.0	29.4	
33 Methyl tert-butyl ether	73	4.660	4.637	0.023	91	549865	10.0	11.3	
32 trans-1,2-Dichloroethene	96	4.637	4.640	-0.003	96	221012	10.0	11.4	
34 Hexane	57	5.078	5.081	-0.003	92	235834	10.0	12.3	
35 1,1-Dichloroethane	63	5.319	5.316	0.003	97	401210	10.0	11.6	
36 Isopropyl ether	45	5.393	5.390	0.003	94	610699	10.0	11.5	
37 2-Chloro-1,3-butadiene	53	5.422	5.428	-0.006	94	309584	10.0	11.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	5.930	5.936	-0.006	97	486182	10.0	10.9	
41 2-Butanone (MEK)	43	6.142	6.142	0.000	100	457155	20.0	22.2	
S 40 1,2-Dichloroethene, Total	100				0			22.1	
42 cis-1,2-Dichloroethene	96	6.158	6.161	-0.003	83	229051	10.0	10.7	
43 2,2-Dichloropropane	77	6.174	6.190	-0.016	89	296254	10.0	11.1	
44 Propionitrile	54	6.258	6.251	0.007	96	421943	50.0	54.0	
45 Methacrylonitrile	67	6.463	6.451	0.012	94	320928	25.0	27.5	
46 Chlorobromomethane	128	6.499	6.496	0.003	95	107230	10.0	10.6	
47 Tetrahydrofuran	71	6.515	6.515	0.000	92	308755	50.0	51.7	
48 Chloroform	83	6.650	6.647	0.003	94	361186	10.0	11.5	
\$ 49 Dibromofluoromethane (Surr)	113	6.869	6.862	0.006	93	902649	50.0	51.4	
50 1,1,1-Trichloroethane	97	6.875	6.878	-0.003	94	304157	10.0	11.3	
51 Cyclohexane	56	6.965	6.968	-0.003	94	369589	10.0	12.1	
52 1,1-Dichloropropene	75	7.084	7.084	0.000	93	259869	10.0	11.3	
53 Carbon tetrachloride	117	7.081	7.087	-0.006	81	261256	10.0	11.6	
56 Isobutyl alcohol	41	7.277	7.277	0.000	94	388259	125.0	135.0	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.325	7.325	0.000	98	229523	50.0	50.1	
58 Benzene	78	7.351	7.351	0.000	95	816904	10.0	11.4	
59 1,2-Dichloroethane	62	7.425	7.428	-0.003	96	259326	10.0	11.6	
60 Tert-amyl methyl ether	73	7.550	7.554	-0.004	94	478084	10.0	11.1	
* 61 Fluorobenzene (IS)	96	7.762	7.759	0.003	98	3258431	50.0	50.0	
62 n-Heptane	43	7.769	7.766	0.003	41	204043	10.0	12.6	
63 n-Butanol	56	8.148	8.148	0.000	95	229532	125.0	119.9	M
64 Trichloroethene	95	8.238	8.242	-0.004	98	184693	10.0	11.4	
65 Methylcyclohexane	83	8.553	8.544	0.009	94	285426	10.0	11.6	
66 1,2-Dichloropropane	63	8.579	8.582	-0.003	79	206126	10.0	12.0	
67 2-ethoxy-2-methyl butane	87	8.589	8.586	0.003	90	230202	10.0	10.6	
68 Methyl methacrylate	69	8.676	8.672	0.004	93	144883	10.0	10.9	
70 1,4-Dioxane	88	8.682	8.679	0.003	46	81040	125.0	133.1	
69 Dibromomethane	93	8.688	8.685	0.003	90	118166	10.0	11.2	
72 Dichlorobromomethane	83	8.923	8.920	0.003	98	216624	10.0	11.4	
73 2-Nitropropane	41	9.209	9.213	-0.004	99	419679	50.0	53.5	
74 2-Chloroethyl vinyl ether	63	9.290	9.293	-0.003	90	92039	10.0	9.83	
76 cis-1,3-Dichloropropene	75	9.473	9.470	0.003	93	219647	10.0	10.6	
78 4-Methyl-2-pentanone (MIBK)	43	9.659	9.656	0.003	99	732166	20.0	22.5	
\$ 79 Toluene-d8 (Surr)	98	9.778	9.782	-0.004	94	3109609	50.0	52.4	
80 Toluene	92	9.856	9.859	-0.003	98	430791	10.0	11.3	
S 104 1,3-Dichloropropene, Total	100				0			21.7	
105 trans-1,3-Dichloropropene	75	10.113	10.116	-0.003	95	188857	10.0	11.1	
106 Ethyl methacrylate	69	10.180	10.180	0.000	91	210177	10.0	10.8	
107 1,1,2-Trichloroethane	97	10.322	10.322	0.000	92	144980	10.0	11.4	
108 Tetrachloroethene	166	10.402	10.399	0.003	95	157784	10.0	10.4	
109 1,3-Dichloropropane	76	10.483	10.483	0.000	95	240866	10.0	11.6	
110 2-Hexanone	43	10.540	10.541	-0.001	98	512154	20.0	23.1	
111 Chlorodibromomethane	129	10.692	10.695	-0.003	90	145000	10.0	10.9	
112 Ethylene Dibromide	107	10.804	10.801	0.003	99	136700	10.0	11.2	
* 113 Chlorobenzene-d5 (IS)	117	11.235	11.235	0.000	88	2093335	50.0	50.0	
S 116 Xylenes, Total	106				0			33.1	
114 1-Chlorohexane	91	11.245	11.248	-0.003	56	182455	10.0	11.0	
115 Chlorobenzene	112	11.264	11.264	0.000	94	442055	10.0	11.1	
117 1,1,1,2-Tetrachloroethane	131	11.344	11.348	-0.004	92	160609	10.0	10.6	
118 Ethylbenzene	91	11.351	11.351	0.000	99	801568	10.0	11.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
119 m-Xylene & p-Xylene	106	11.466	11.467	-0.001	99	593880	20.0	22.1	
120 o-Xylene	106	11.794	11.798	-0.004	97	302871	10.0	10.9	
121 Styrene	104	11.807	11.811	-0.004	94	446068	10.0	11.0	
122 Bromoform	173	11.968	11.965	0.003	94	95761	10.0	10.3	
123 Isopropylbenzene	105	12.100	12.100	0.000	96	727412	10.0	11.3	
125 Cyclohexanone	55	12.177	12.184	-0.007	95	655125	250.0	267.0	
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	85	1142953	50.0	53.4	
127 1,1,2,2-Tetrachloroethane	83	12.344	12.348	-0.004	94	305855	10.0	11.5	
128 Bromobenzene	156	12.360	12.357	0.003	97	172364	10.0	10.5	
129 trans-1,4-Dichloro-2-butene	53	12.370	12.373	-0.003	85	142101	25.0	33.2	
130 1,2,3-Trichloropropane	110	12.392	12.393	-0.001	84	96804	10.0	11.0	
131 N-Propylbenzene	91	12.431	12.428	0.003	99	923352	10.0	11.9	
132 2-Chlorotoluene	126	12.505	12.505	0.000	96	176638	10.0	10.6	
133 1,3,5-Trimethylbenzene	105	12.566	12.563	0.003	94	575783	10.0	10.4	
134 4-Chlorotoluene	126	12.595	12.598	-0.003	98	169387	10.0	10.9	
135 tert-Butylbenzene	134	12.807	12.811	-0.004	94	95854	10.0	10.4	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	98	577448	10.0	10.3	
137 sec-Butylbenzene	105	12.974	12.975	-0.001	95	673538	10.0	10.7	
138 1,3-Dichlorobenzene	146	13.071	13.071	0.000	98	309762	10.0	10.5	
139 4-Isopropyltoluene	119	13.080	13.084	-0.004	97	548881	10.0	10.1	
* 140 1,4-Dichlorobenzene-d4	152	13.125	13.129	-0.004	97	1227916	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.142	13.145	-0.003	96	317001	10.0	10.5	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	99	628445	10.0	11.0	
143 Benzyl chloride	91	13.225	13.225	0.000	99	436976	10.0	10.5	
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	95	317925	10.0	10.1	
145 p-Diethylbenzene	119	13.354	13.357	-0.003	93	338199	10.0	10.1	
146 n-Butylbenzene	92	13.376	13.376	0.000	98	303649	10.0	11.4	
147 1,2-Dichlorobenzene	146	13.408	13.409	-0.001	96	334958	10.0	10.6	
148 o-diethylbenzene	119	13.428	13.431	-0.003	96	282261	10.0	10.1	
149 1,2-Dibromo-3-Chloropropane	75	13.955	13.955	0.000	78	96908	10.0	11.3	
150 1,3,5-Trichlorobenzene	180	14.077	14.077	0.000	96	182908	10.0	9.76	
151 1,2,4-Trichlorobenzene	180	14.505	14.505	0.000	93	169968	10.0	9.45	
152 Hexachlorobutadiene	225	14.588	14.592	-0.004	95	64126	10.0	8.77	
153 Naphthalene	128	14.688	14.692	-0.004	97	799637	10.0	10.4	
154 1,2,3-Trichlorobenzene	180	14.836	14.836	0.000	93	188029	10.0	9.66	
155 2-Methylnaphthalene	142	15.479	15.483	-0.003	92	294659	10.0	9.21	
S 156 Total Diethylbenzene	1				0			30.2	
183 Ethyl acrylate	55		0.000				ND	ND	
198 2-Ethylhexyl acrylate	55		0.000				ND	ND	
200 Methyl acrylate	55		0.000				ND	ND	
206 n-Butyl acrylate	55		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00256	Amount Added: 2.00	Units: uL	
MSV_CCV_GASES_01144	Amount Added: 1.00	Units: uL	
MSV_CCV_VOC#3_00258	Amount Added: 1.60	Units: uL	
MSV_CCV_2CEVE_00249	Amount Added: 2.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 2.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 8.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 2.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 08-Oct-2025 06:39:55

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D

Injection Date: 07-Oct-2025 23:52:36

Instrument ID: 15830

Operator ID: mcd07824

Lims ID: IC v10

Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

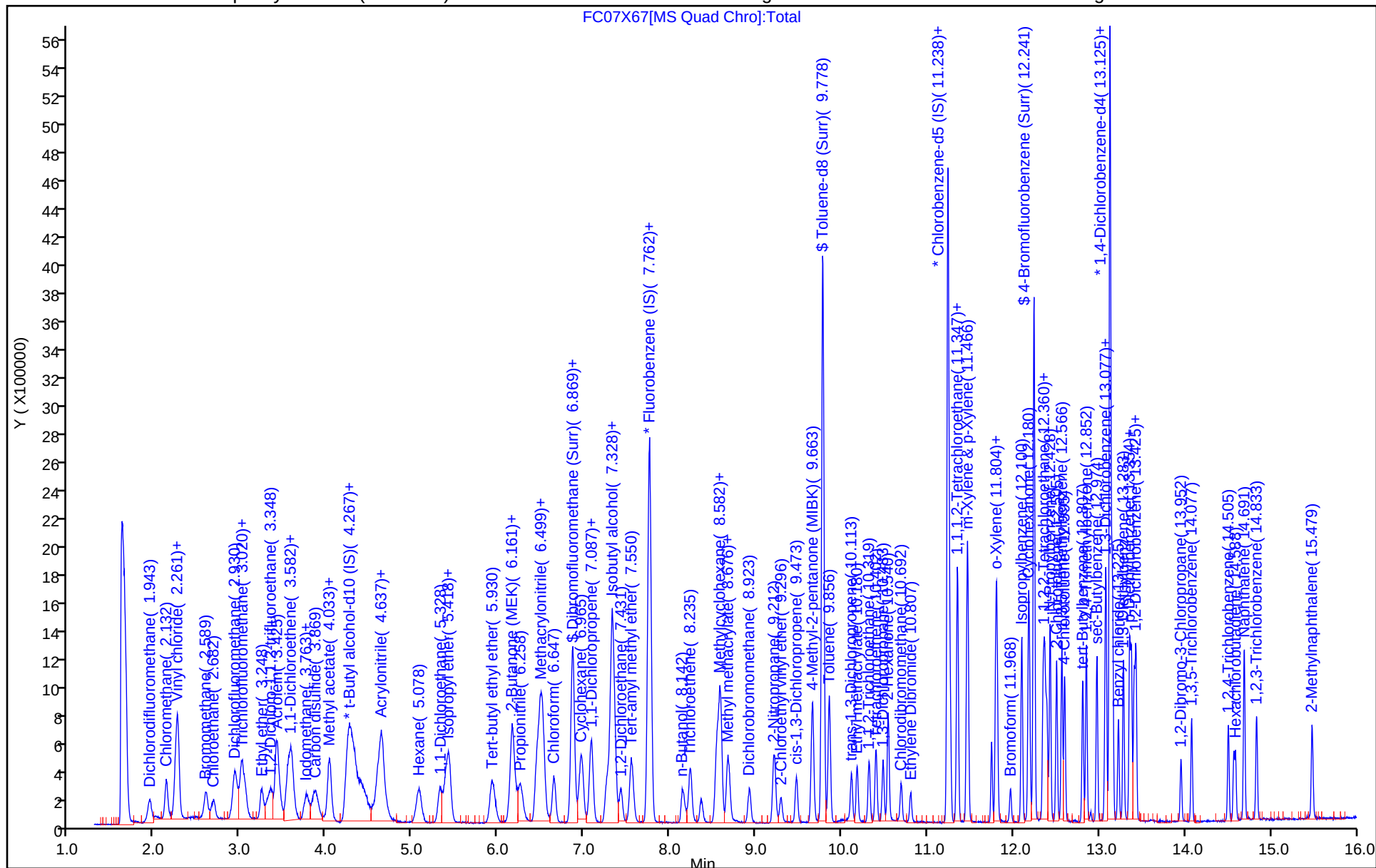
ALS Bottle#: 17

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

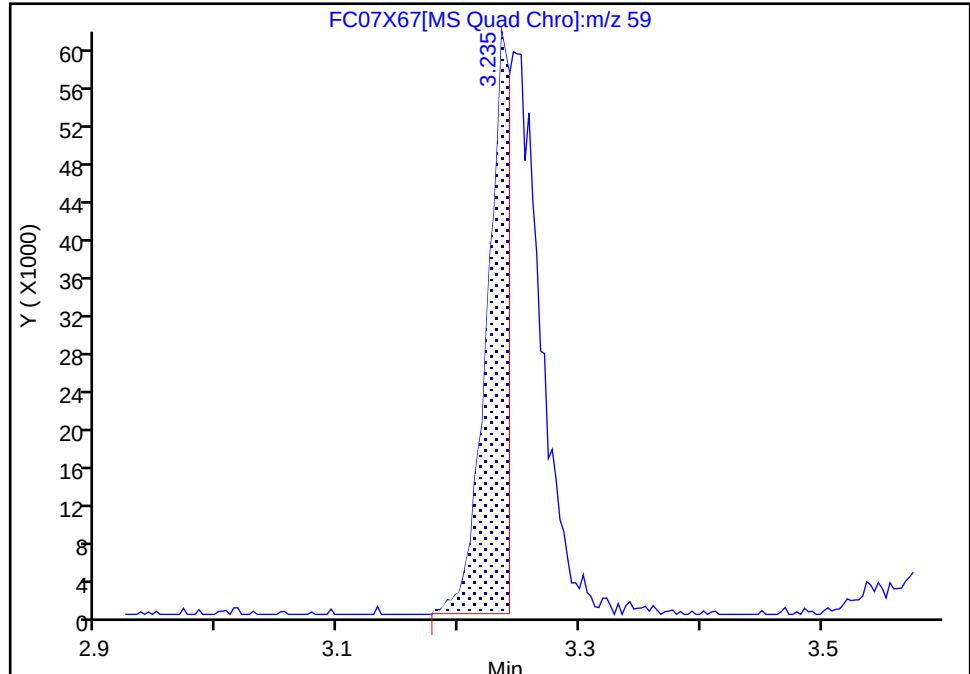
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Injection Date: 07-Oct-2025 23:52:36 Instrument ID: 15830
Lims ID: IC v10
Client ID:
Operator ID: mcd07824 ALS Bottle#: 17 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

14 Ethyl ether, CAS: 60-29-7

Signal: 1

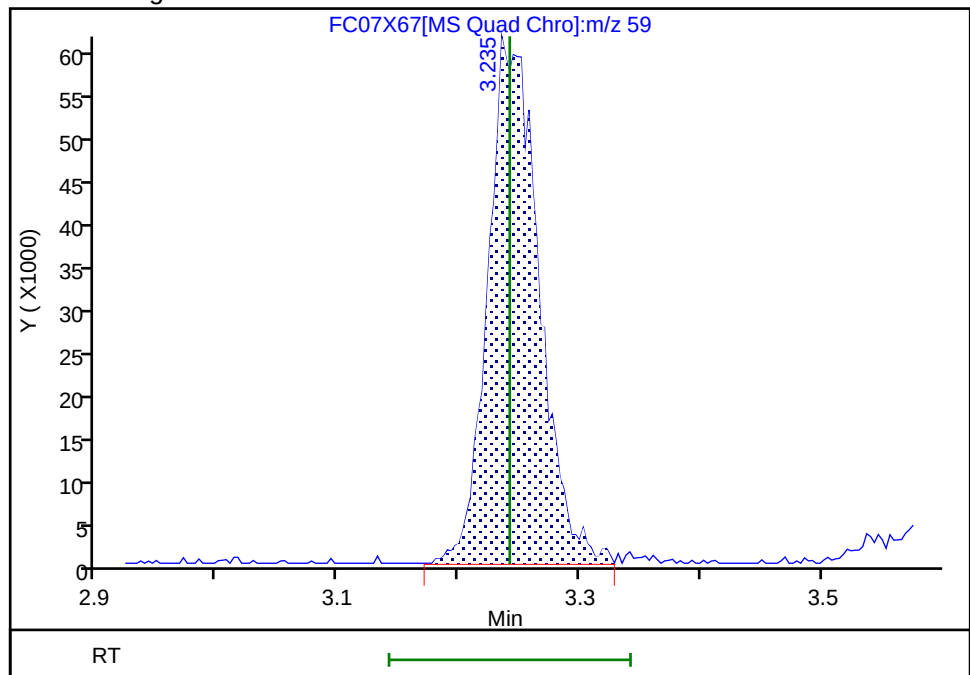
RT: 3.24
Area: 80963
Amount: 4.658677
Amount Units: ug/l

Processing Integration Results



RT: 3.24
Area: 180258
Amount: 9.589724
Amount Units: ug/l

Manual Integration Results



Reviewer: ULCP, 08-Oct-2025 05:26:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

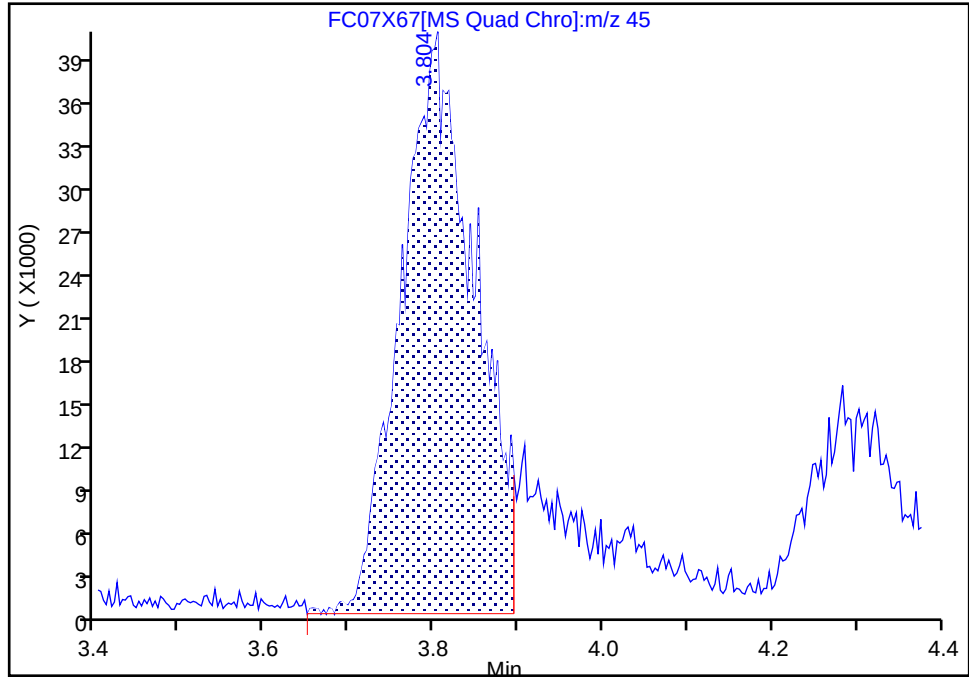
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Injection Date: 07-Oct-2025 23:52:36 Instrument ID: 15830
Lims ID: IC v10
Client ID:
Operator ID: mcd07824 ALS Bottle#: 17 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

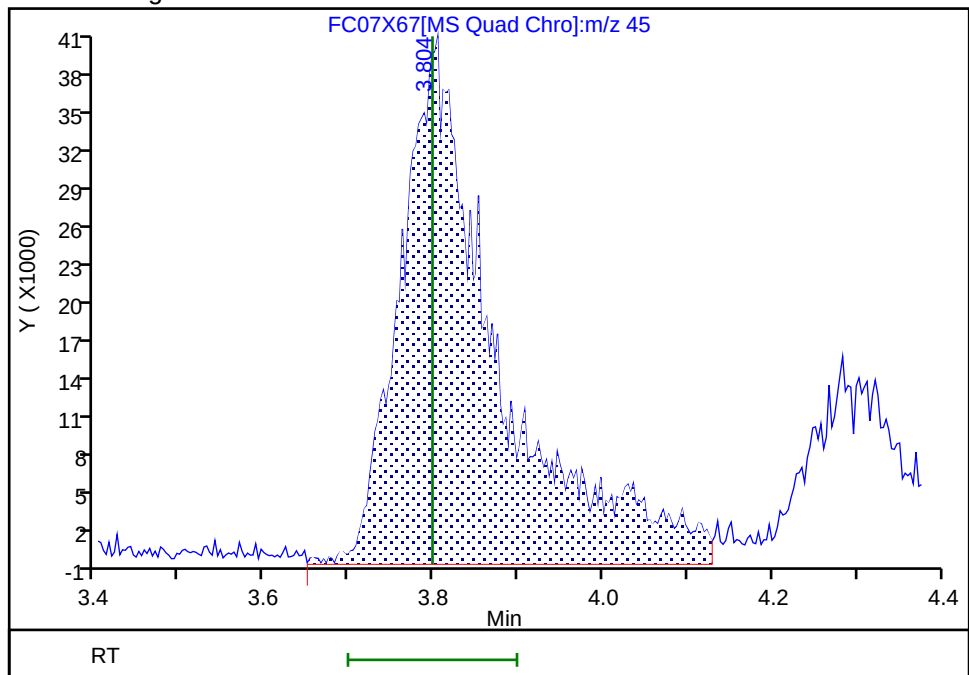
RT: 3.80
Area: 245655
Amount: 38.682909
Amount Units: ug/l

Processing Integration Results



RT: 3.80
Area: 319732
Amount: 53.369772
Amount Units: ug/l

Manual Integration Results



Reviewer: ULCP, 08-Oct-2025 05:27:44 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

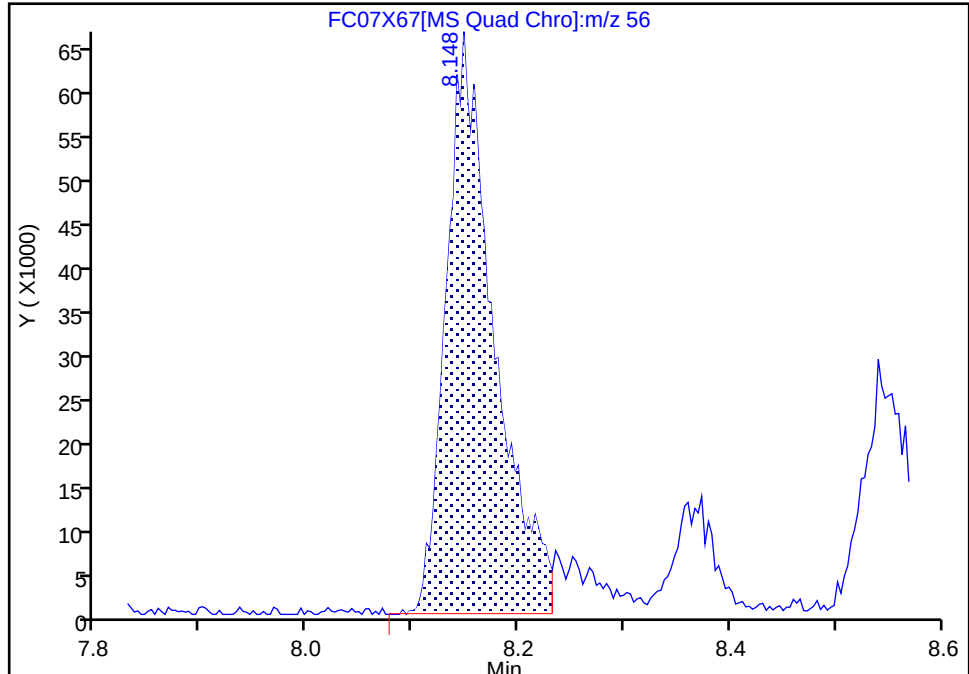
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Injection Date: 07-Oct-2025 23:52:36 Instrument ID: 15830
Lims ID: IC v10
Client ID:
Operator ID: mcd07824 ALS Bottle#: 17 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

63 n-Butanol, CAS: 71-36-3

Signal: 1

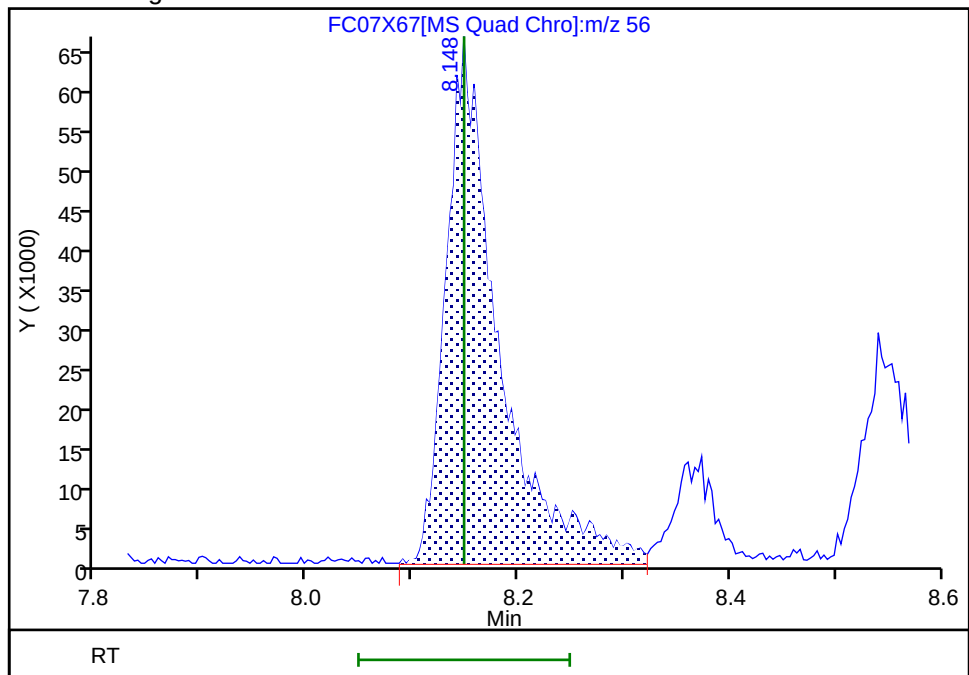
RT: 8.15
Area: 209830
Amount: 113.3174
Amount Units: ug/l

Processing Integration Results



RT: 8.15
Area: 229532
Amount: 119.9293
Amount Units: ug/l

Manual Integration Results



Reviewer: ULCP, 08-Oct-2025 06:04:55 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X55.D
 Lims ID: IC v20
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 07-Oct-2025 18:13:04 ALS Bottle#: 5 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC V20
 Misc. Info.: 410-0162303-015
 Operator ID: mcd07824 Instrument ID: 15830
 Sublist: chrom-MSVoa_15830_PT2*sub24
 Method: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 06:40:05 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1615

First Level Reviewer: Y6ZN

Date: 07-Oct-2025 19:37:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.939	1.936	0.003	99	402034	20.0	16.3	
4 Chloromethane	50	2.129	2.133	-0.004	99	574877	20.0	18.7	
5 Vinyl chloride	62	2.248	2.245	0.003	98	482772	20.0	17.8	
6 Butadiene	39	2.261	2.264	-0.003	95	554295	20.0	17.4	
8 Bromomethane	94	2.595	2.589	0.006	91	303649	20.0	19.5	
9 Chloroethane	64	2.679	2.682	-0.003	100	266038	20.0	18.3	
10 Dichlorofluoromethane	67	2.923	2.930	-0.007	97	644542	20.0	18.0	
11 Trichlorofluoromethane	101	2.991	2.981	0.010	84	461885	20.0	16.9	
12 Pentane	43	3.010	3.014	-0.004	96	395013	20.0	15.3	
14 Ethyl ether	59	3.245	3.242	0.003	94	221536	20.0	17.4	M
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.341	3.338	0.003	95	324093	20.0	16.6	
16 Acrolein	56	3.425	3.419	0.006	99	1205983	195.2	168.7	
17 1,1-Dichloroethene	96	3.557	3.570	-0.013	97	242666	20.0	16.6	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.586	3.586	0.000	92	232908	20.0	15.9	
19 Acetone	58	3.592	3.596	-0.004	98	130091	40.0	32.7	
21 Iodomethane	142	3.763	3.760	0.002	99	446376	20.0	18.7	
22 Isopropyl alcohol	45	3.808	3.798	0.010	95	335737	100.0	87.6	
23 Carbon disulfide	76	3.859	3.875	-0.016	99	744580	20.0	17.4	
24 Methyl acetate	43	4.029	4.030	-0.001	86	349454	20.0	18.0	
25 3-Chloro-1-propene	41	4.036	4.030	0.006	91	335730	20.0	16.6	
26 Methylene Chloride	84	4.238	4.242	-0.004	95	258065	20.0	17.5	
* 27 t-Butyl alcohol-d10 (IS)	65	4.280	4.277	0.003	98	1753878	250.0	250.0	
28 2-Methyl-2-propanol	59	4.402	4.409	-0.007	28	517705	100.0	86.1	M
31 Acrylonitrile	53	4.598	4.592	0.006	99	481617	50.0	43.1	
33 Methyl tert-butyl ether	73	4.653	4.637	0.016	95	585729	20.0	17.7	
32 trans-1,2-Dichloroethene	96	4.640	4.640	0.000	97	229180	20.0	17.5	
34 Hexane	57	5.071	5.081	-0.010	94	192095	20.0	14.8	
35 1,1-Dichloroethane	63	5.325	5.316	0.009	96	401787	20.0	17.1	
36 Isopropyl ether	45	5.399	5.390	0.009	90	584556	20.0	16.3	
37 2-Chloro-1,3-butadiene	53	5.425	5.428	-0.003	92	308142	20.0	16.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	5.939	5.936	0.003	97	512173	20.0	17.0	
41 2-Butanone (MEK)	43	6.139	6.142	-0.003	99	432709	40.0	31.0	
S 40 1,2-Dichloroethene, Total	100				0			34.1	
42 cis-1,2-Dichloroethene	96	6.158	6.161	-0.003	82	240638	20.0	16.6	
43 2,2-Dichloropropane	77	6.174	6.190	-0.016	92	303605	20.0	16.8	
44 Propionitrile	54	6.251	6.251	0.000	90	424818	100.0	85.0	
45 Methacrylonitrile	67	6.457	6.451	0.006	93	329842	50.0	41.7	
46 Chlorobromomethane	128	6.492	6.496	-0.004	97	122421	20.0	17.8	
47 Tetrahydrofuran	71	6.515	6.515	0.000	90	329781	100.0	86.2	
48 Chloroform	83	6.647	6.647	0.000	93	377470	20.0	17.8	
\$ 49 Dibromofluoromethane (Surr)	113	6.865	6.862	0.003	93	608924	50.0	51.2	
50 1,1,1-Trichloroethane	97	6.875	6.878	-0.003	98	317723	20.0	17.5	
51 Cyclohexane	56	6.968	6.968	0.000	92	321368	20.0	15.5	
52 1,1-Dichloropropene	75	7.087	7.084	0.003	95	256982	20.0	16.5	
53 Carbon tetrachloride	117	7.077	7.087	-0.010	78	267599	20.0	17.5	
56 Isobutyl alcohol	41	7.283	7.277	0.006	93	389825	250.0	211.9	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.325	7.325	0.000	99	151542	50.0	48.8	
58 Benzene	78	7.348	7.351	-0.003	96	838061	20.0	17.2	
59 1,2-Dichloroethane	62	7.422	7.428	-0.006	98	262632	20.0	17.4	
60 Tert-amyl methyl ether	73	7.547	7.554	-0.007	96	527748	20.0	18.0	
* 61 Fluorobenzene (IS)	96	7.759	7.759	0.000	99	2207881	50.0	50.0	
62 n-Heptane	43	7.769	7.766	0.003	72	168302	20.0	15.3	
63 n-Butanol	56	8.148	8.148	0.000	91	251096	250.0	205.0	M
64 Trichloroethene	95	8.235	8.242	-0.007	98	188557	20.0	17.1	
65 Methylcyclohexane	83	8.547	8.544	0.003	91	265071	20.0	15.9	
66 1,2-Dichloropropane	63	8.576	8.582	-0.006	94	197632	20.0	16.9	
67 2-ethoxy-2-methyl butane	87	8.595	8.586	0.009	95	264864	20.0	18.1	
68 Methyl methacrylate	69	8.666	8.672	-0.006	93	156624	20.0	17.4	
70 1,4-Dioxane	88	8.672	8.679	-0.007	43	94218	250.0	241.8	
69 Dibromomethane	93	8.685	8.685	0.000	96	122355	20.0	17.1	
72 Dichlorobromomethane	83	8.926	8.920	0.006	99	215225	20.0	16.7	
73 2-Nitropropane	41	9.216	9.213	0.003	98	411427	100.0	82.0	
74 2-Chloroethyl vinyl ether	63	9.293	9.293	0.000	91	102851	20.0	16.2	
76 cis-1,3-Dichloropropene	75	9.473	9.470	0.003	95	237388	20.0	17.0	
78 4-Methyl-2-pentanone (MIBK)	43	9.659	9.656	0.003	98	773504	40.0	35.1	
\$ 79 Toluene-d8 (Surr)	98	9.782	9.782	0.000	93	2161392	50.0	50.9	
80 Toluene	92	9.862	9.859	0.003	98	464104	20.0	17.0	
S 104 1,3-Dichloropropene, Total	100				0			33.0	
105 trans-1,3-Dichloropropene	75	10.116	10.116	0.000	92	196451	20.0	16.1	
106 Ethyl methacrylate	69	10.183	10.180	0.003	90	241374	20.0	17.2	
107 1,1,2-Trichloroethane	97	10.322	10.322	0.000	91	157140	20.0	17.2	
108 Tetrachloroethene	166	10.402	10.399	0.003	97	188060	20.0	17.4	
109 1,3-Dichloropropane	76	10.483	10.483	-0.001	90	255645	20.0	17.1	
110 2-Hexanone	43	10.540	10.541	-0.001	96	528540	40.0	33.3	
111 Chlorodibromomethane	129	10.691	10.695	-0.004	90	161791	20.0	17.0	
112 Ethylene Dibromide	107	10.801	10.801	0.000	99	149904	20.0	17.1	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.235	0.003	86	1499908	50.0	50.0	
S 116 Xylenes, Total	106				0			53.4	
114 1-Chlorohexane	91	11.245	11.248	-0.003	95	186203	20.0	15.7	
115 Chlorobenzene	112	11.264	11.264	0.000	95	497132	20.0	17.4	
117 1,1,1,2-Tetrachloroethane	131	11.344	11.348	-0.004	94	186898	20.0	17.2	
118 Ethylbenzene	91	11.351	11.351	0.000	99	859850	20.0	17.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
119 m-Xylene & p-Xylene	106	11.470	11.467	0.003	100	680407	40.0	35.4	
120 o-Xylene	106	11.794	11.798	-0.004	97	357593	20.0	18.0	
121 Styrene	104	11.814	11.811	0.003	94	535591	20.0	18.4	
122 Bromoform	173	11.968	11.965	0.003	97	122833	20.0	18.4	
123 Isopropylbenzene	105	12.097	12.100	-0.003	96	830771	20.0	17.9	
125 Cyclohexanone	55	12.183	12.184	-0.001	92	751687	500.0	478.7	
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	89	772717	50.0	50.4	
127 1,1,2,2-Tetrachloroethane	83	12.344	12.348	-0.004	95	321221	20.0	16.3	
128 Bromobenzene	156	12.360	12.357	0.003	94	204714	20.0	16.9	
129 trans-1,4-Dichloro-2-butene	53	12.373	12.373	0.000	90	139310	50.0	39.6	
130 1,2,3-Trichloropropane	110	12.389	12.393	-0.004	85	104082	20.0	16.0	
131 N-Propylbenzene	91	12.428	12.428	0.000	99	980469	20.0	17.1	
132 2-Chlorotoluene	126	12.508	12.505	0.003	98	205869	20.0	16.7	
133 1,3,5-Trimethylbenzene	105	12.566	12.563	0.003	95	665724	20.0	16.2	
134 4-Chlorotoluene	126	12.598	12.598	0.000	97	192326	20.0	16.8	
135 tert-Butylbenzene	134	12.814	12.811	0.003	93	108725	20.0	14.2	
136 1,2,4-Trimethylbenzene	105	12.849	12.852	-0.003	98	680107	20.0	16.3	
137 sec-Butylbenzene	105	12.974	12.975	-0.001	94	766219	20.0	16.5	
138 1,3-Dichlorobenzene	146	13.071	13.071	0.000	98	374880	20.0	17.2	
139 4-Isopropyltoluene	119	13.080	13.084	-0.004	97	657040	20.0	16.4	
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.129	0.000	94	909487	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.145	13.145	0.000	95	377762	20.0	16.8	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	99	735382	20.0	17.5	
143 Benzyl chloride	91	13.222	13.225	-0.003	99	501822	20.0	16.3	
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	96	369558	20.0	15.8	
145 p-Diethylbenzene	119	13.354	13.357	-0.003	94	402065	20.0	16.2	
146 n-Butylbenzene	92	13.373	13.376	-0.003	97	329852	20.0	16.8	
147 1,2-Dichlorobenzene	146	13.408	13.409	-0.001	98	405611	20.0	17.3	
148 o-diethylbenzene	119	13.428	13.431	-0.003	94	324474	20.0	15.7	
149 1,2-Dibromo-3-Chloropropane	75	13.958	13.955	0.003	84	106757	20.0	16.8	
150 1,3,5-Trichlorobenzene	180	14.080	14.077	0.003	96	234516	20.0	16.9	
151 1,2,4-Trichlorobenzene	180	14.505	14.505	0.000	94	215991	20.0	16.2	
152 Hexachlorobutadiene	225	14.588	14.592	-0.004	95	81729	20.0	15.1	
153 Naphthalene	128	14.688	14.692	-0.004	97	1049251	20.0	18.3	
154 1,2,3-Trichlorobenzene	180	14.836	14.836	0.000	96	249419	20.0	17.3	
155 2-Methylnaphthalene	142	15.482	15.483	0.000	93	435222	20.0	15.3	
S 156 Total Diethylbenzene	1				0			47.6	
183 Ethyl acrylate	55		0.000				ND	ND	
198 2-Ethylhexyl acrylate	55		0.000				ND	ND	
200 Methyl acrylate	55		0.000				ND	ND	
206 n-Butyl acrylate	55		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00256	Amount Added: 4.00	Units: uL	
MSV_CCV_GASES_01144	Amount Added: 2.00	Units: uL	
MSV_CCV_VOC#3_00258	Amount Added: 3.20	Units: uL	
MSV_CCV_2CEVE_00249	Amount Added: 4.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 4.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 16.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 4.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 08-Oct-2025 06:40:06

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X55.D

Injection Date: 07-Oct-2025 18:13:04

Instrument ID: 15830

Operator ID: mcd07824

Lims ID: IC v20

Worklist Smp#: 15

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

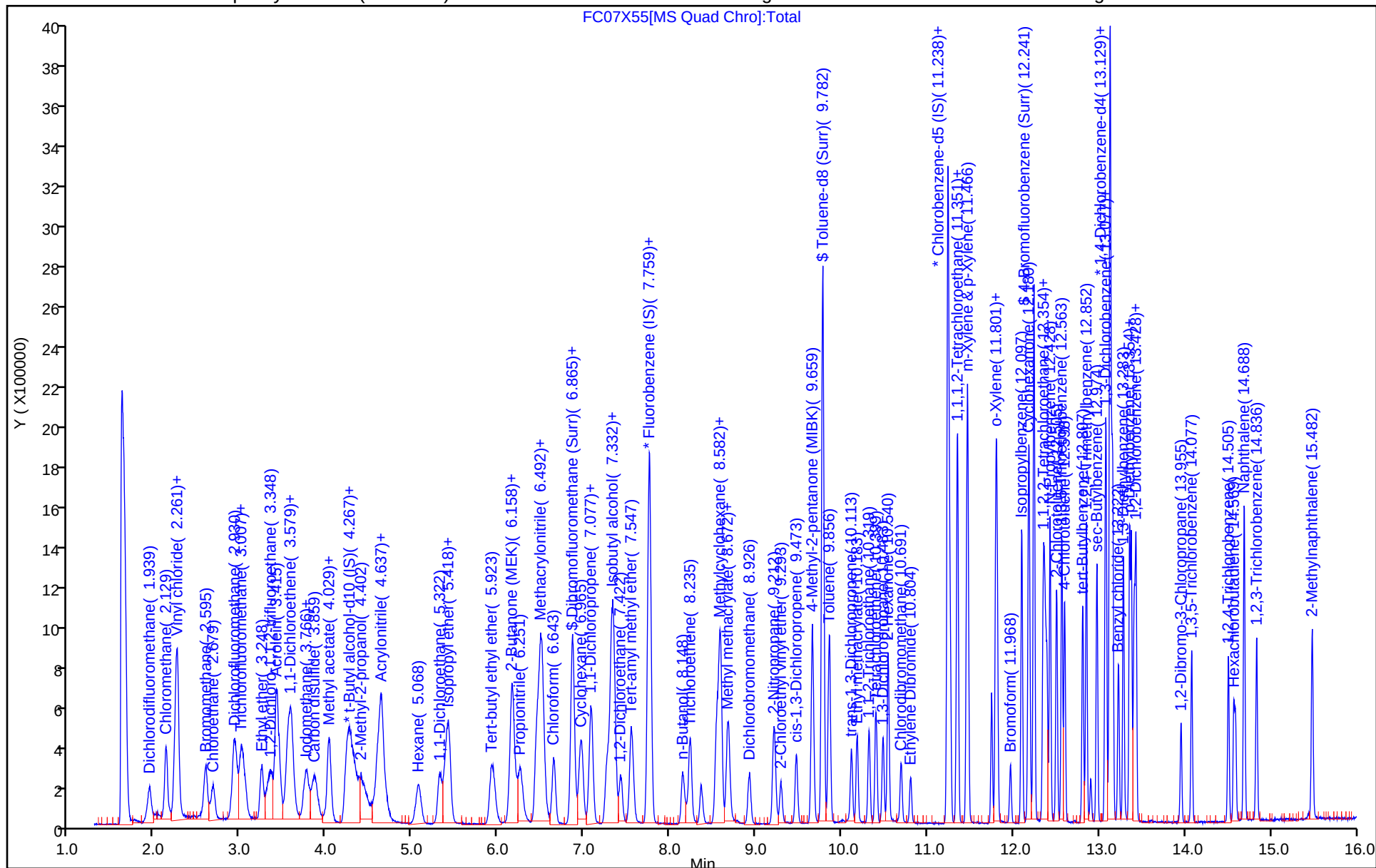
ALS Bottle#: 5

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

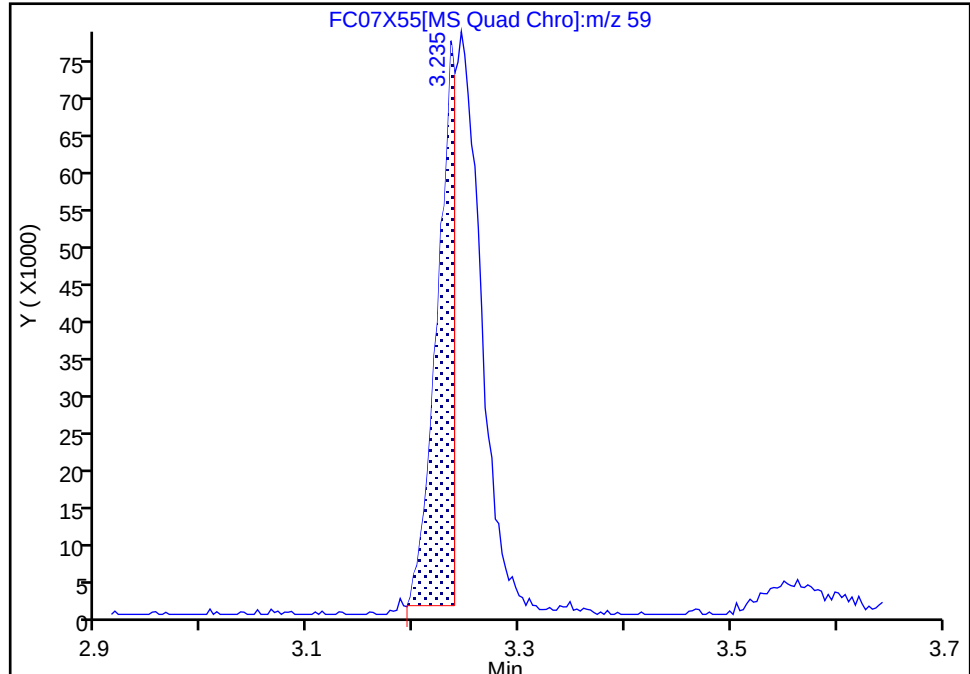
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Injection Date: 07-Oct-2025 18:13:04 Instrument ID: 15830
Lims ID: IC v20
Client ID:
Operator ID: mcd07824 ALS Bottle#: 5 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

14 Ethyl ether, CAS: 60-29-7

Signal: 1

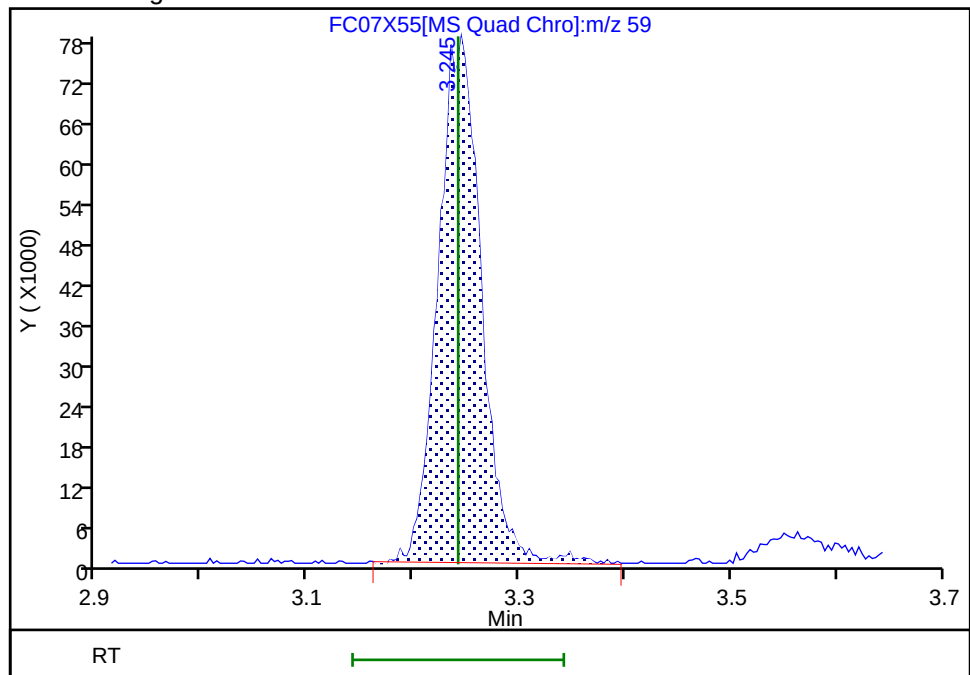
RT: 3.24
Area: 90359
Amount: 7.685324
Amount Units: ug/l

Processing Integration Results



RT: 3.24
Area: 221536
Amount: 17.393569
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 07-Oct-2025 19:36:20 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

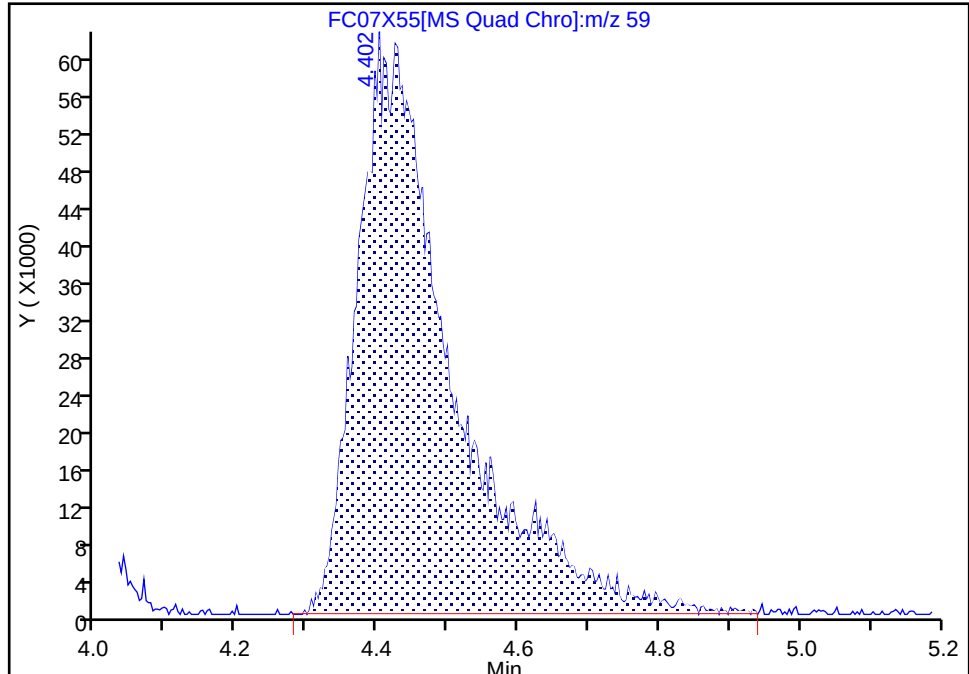
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Injection Date: 07-Oct-2025 18:13:04 Instrument ID: 15830
Lims ID: IC v20
Client ID:
Operator ID: mcd07824 ALS Bottle#: 5 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

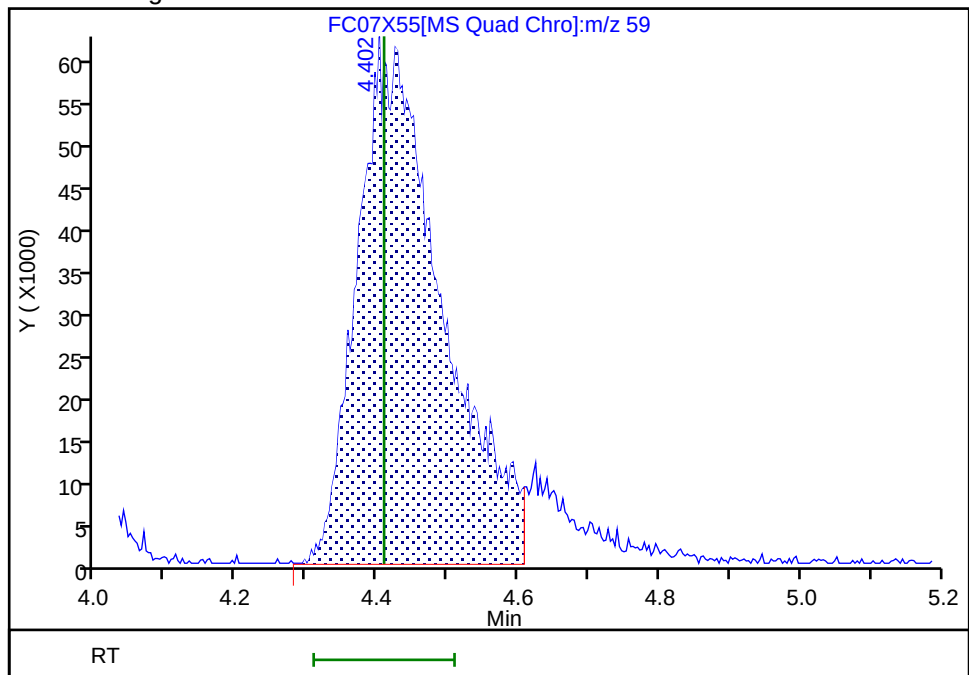
RT: 4.40
Area: 576789
Amount: 88.747575
Amount Units: ug/l

Processing Integration Results



RT: 4.40
Area: 517705
Amount: 86.114277
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 07-Oct-2025 19:36:35 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

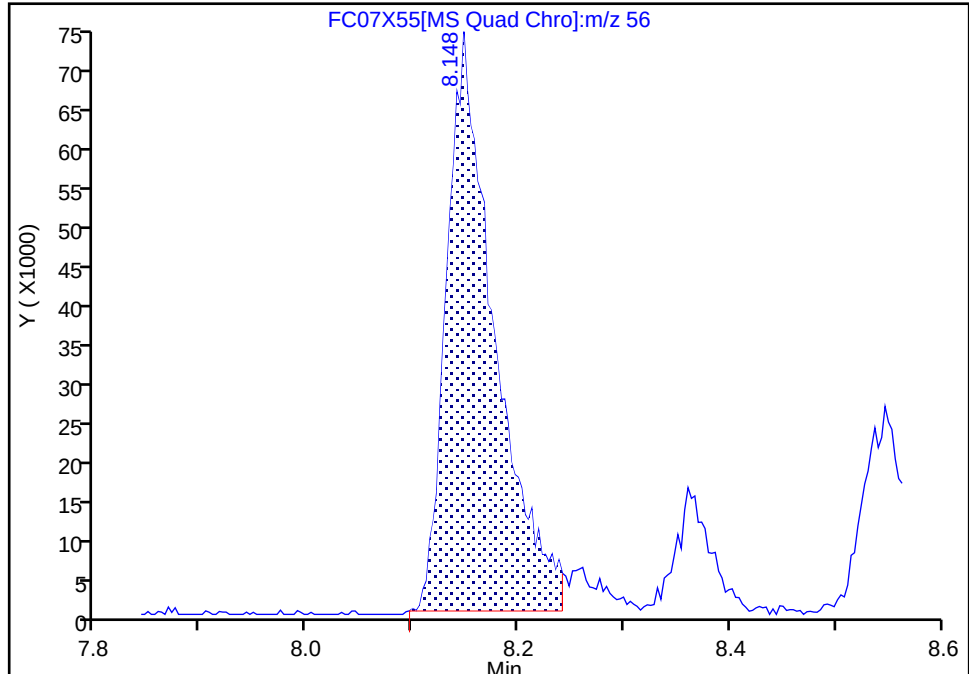
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Injection Date: 07-Oct-2025 18:13:04 Instrument ID: 15830
Lims ID: IC v20
Client ID:
Operator ID: mcd07824 ALS Bottle#: 5 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

63 n-Butanol, CAS: 71-36-3

Signal: 1

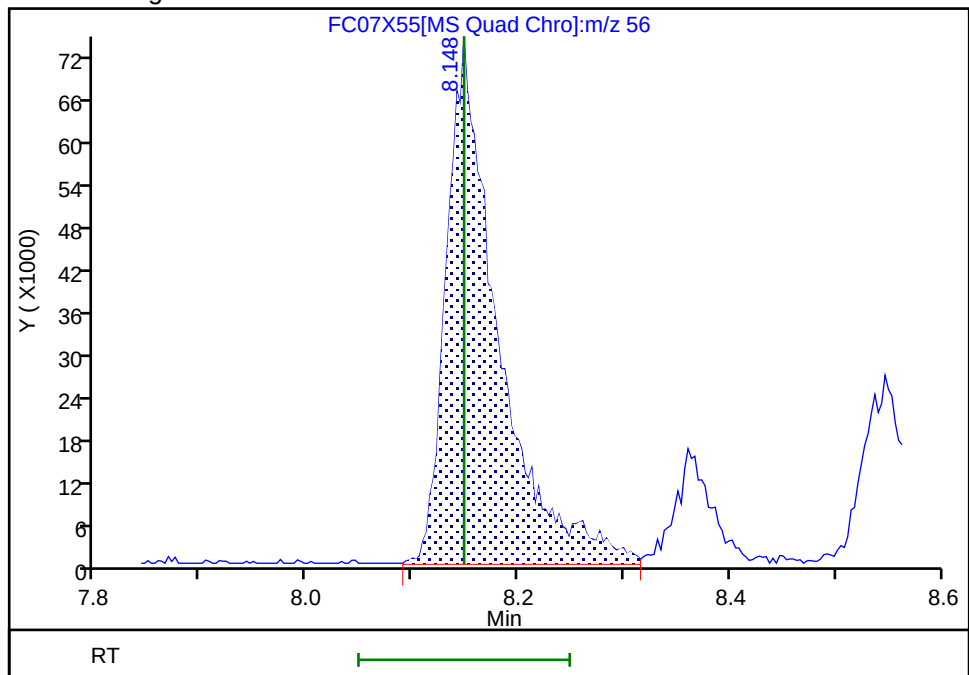
RT: 8.15
Area: 233045
Amount: 198.4002
Amount Units: ug/l

Processing Integration Results



RT: 8.15
Area: 251096
Amount: 205.0207
Amount Units: ug/l

Manual Integration Results



Reviewer: ULCP, 08-Oct-2025 06:04:10 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X56.D
 Lims ID: ICIS v50
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 07-Oct-2025 18:35:54 ALS Bottle#: 6 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICIS V50
 Misc. Info.: 410-0162303-016
 Operator ID: mcd07824 Instrument ID: 15830
 Sublist: chrom-MSVoa_15830_PT2*sub24
 Method: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 06:40:15 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1615

First Level Reviewer: Y6ZN

Date: 07-Oct-2025 18:57:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.936	1.936	0.000	99	1500945	50.0	51.4	
4 Chloromethane	50	2.133	2.133	0.000	99	1859606	50.0	51.1	
5 Vinyl chloride	62	2.245	2.245	0.000	98	1545243	50.0	48.2	
6 Butadiene	39	2.264	2.264	0.000	95	1739331	50.0	46.2	
8 Bromomethane	94	2.589	2.589	0.000	91	913445	50.0	49.5	
9 Chloroethane	64	2.682	2.682	0.000	100	808555	50.0	46.8	
10 Dichlorofluoromethane	67	2.930	2.930	0.000	97	2198699	50.0	51.7	
11 Trichlorofluoromethane	101	2.981	2.981	0.000	96	1747612	50.0	54.0	
12 Pentane	43	3.014	3.014	0.000	97	1553688	50.0	51.6	
14 Ethyl ether	59	3.242	3.242	0.000	95	725907	50.0	48.1	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.338	3.338	0.000	95	1103217	50.0	47.6	
16 Acrolein	56	3.419	3.419	0.000	99	3741193	487.9	438.3	
17 1,1-Dichloroethene	96	3.570	3.570	0.000	97	761453	50.0	44.0	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.586	3.586	0.000	92	757124	50.0	43.7	
19 Acetone	58	3.596	3.596	0.000	99	423412	100.0	89.1	
21 Iodomethane	142	3.760	3.760	0.000	99	1219050	50.0	43.0	
22 Isopropyl alcohol	45	3.798	3.798	0.000	95	1015170	250.0	221.8	
23 Carbon disulfide	76	3.875	3.875	0.000	99	2347299	50.0	46.3	
24 Methyl acetate	43	4.030	4.030	0.000	97	1205290	50.0	55.3	
25 3-Chloro-1-propene	41	4.030	4.030	0.000	92	1195505	50.0	49.8	
26 Methylene Chloride	84	4.242	4.242	0.000	95	862720	50.0	49.5	
* 27 t-Butyl alcohol-d10 (IS)	65	4.277	4.277	0.000	97	2093728	250.0	250.0	
28 2-Methyl-2-propanol	59	4.409	4.409	0.000	29	1827689	250.0	254.7	M
31 Acrylonitrile	53	4.592	4.592	0.000	99	1657666	125.0	125.3	
33 Methyl tert-butyl ether	73	4.637	4.637	0.000	86	2004105	50.0	51.2	
32 trans-1,2-Dichloroethene	96	4.640	4.640	0.000	98	765661	50.0	49.3	
34 Hexane	57	5.081	5.081	0.000	94	699653	50.0	45.4	
35 1,1-Dichloroethane	63	5.316	5.316	0.000	96	1427389	50.0	51.2	
36 Isopropyl ether	45	5.390	5.390	0.000	94	2325143	50.0	54.7	
37 2-Chloro-1,3-butadiene	53	5.428	5.428	0.000	92	1193391	50.0	54.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	5.936	5.936	0.000	97	1914272	50.0	53.7	
41 2-Butanone (MEK)	43	6.142	6.142	0.000	99	1781184	100.0	107.5	
42 cis-1,2-Dichloroethene	96	6.161	6.161	0.000	83	858253	50.0	50.0	
43 2,2-Dichloropropane	77	6.190	6.190	0.000	88	1119520	50.0	52.4	
44 Propionitrile	54	6.251	6.251	0.000	96	1620030	250.0	271.6	
45 Methacrylonitrile	67	6.451	6.451	0.000	92	1305878	125.0	139.2	
46 Chlorobromomethane	128	6.496	6.496	0.000	98	423743	50.0	52.1	
47 Tetrahydrofuran	71	6.515	6.515	0.000	92	1307052	250.0	286.3	
48 Chloroform	83	6.647	6.647	0.000	94	1353520	50.0	53.7	
\$ 49 Dibromofluoromethane (Surr)	113	6.862	6.862	0.000	93	700238	50.0	49.7	
50 1,1,1-Trichloroethane	97	6.878	6.878	0.000	98	1101531	50.0	51.2	
51 Cyclohexane	56	6.968	6.968	0.000	91	1247410	50.0	50.9	
52 1,1-Dichloropropene	75	7.084	7.084	0.000	95	918246	50.0	49.7	
53 Carbon tetrachloride	117	7.087	7.087	0.000	81	916257	50.0	50.6	
56 Isobutyl alcohol	41	7.277	7.277	0.000	93	1518272	625.0	691.2	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.325	7.325	0.000	98	183160	50.0	49.8	
58 Benzene	78	7.351	7.351	0.000	97	3035548	50.0	52.6	
59 1,2-Dichloroethane	62	7.428	7.428	0.000	97	899946	50.0	50.3	
60 Tert-amyl methyl ether	73	7.554	7.554	0.000	96	1843726	50.0	53.2	
* 61 Fluorobenzene (IS)	96	7.759	7.759	0.000	99	2616813	50.0	50.0	
62 n-Heptane	43	7.766	7.766	0.000	88	596144	50.0	45.8	
63 n-Butanol	56	8.148	8.148	0.000	91	999231	625.0	683.4	
64 Trichloroethene	95	8.242	8.242	0.000	98	652594	50.0	49.9	
65 Methylcyclohexane	83	8.544	8.544	0.000	95	984796	50.0	49.7	
66 1,2-Dichloropropane	63	8.582	8.582	0.000	96	684808	50.0	49.5	
67 2-ethoxy-2-methyl butane	87	8.586	8.586	0.000	92	956093	50.0	55.0	
68 Methyl methacrylate	69	8.672	8.672	0.000	94	562170	50.0	52.8	
70 1,4-Dioxane	88	8.679	8.679	0.000	43	310494	625.0	667.4	
69 Dibromomethane	93	8.685	8.685	0.000	97	400048	50.0	47.1	
72 Dichlorobromomethane	83	8.920	8.920	0.000	99	754213	50.0	49.3	
73 2-Nitropropane	41	9.213	9.213	0.000	98	1484699	250.0	247.9	
74 2-Chloroethyl vinyl ether	63	9.293	9.293	0.000	92	395289	50.0	52.5	
76 cis-1,3-Dichloropropene	75	9.470	9.470	0.000	96	814782	50.0	49.1	
78 4-Methyl-2-pentanone (MIBK)	43	9.656	9.656	0.000	97	2697071	100.0	103.4	
\$ 79 Toluene-d8 (Surr)	98	9.782	9.782	0.000	93	2295199	50.0	51.4	
80 Toluene	92	9.859	9.859	0.000	98	1495720	50.0	52.0	
105 trans-1,3-Dichloropropene	75	10.116	10.116	0.000	94	663263	50.0	51.7	
106 Ethyl methacrylate	69	10.180	10.180	0.000	90	814969	50.0	55.4	
107 1,1,2-Trichloroethane	97	10.322	10.322	0.000	91	484267	50.0	50.5	
108 Tetrachloroethene	166	10.399	10.399	0.000	97	585420	50.0	51.5	
109 1,3-Dichloropropane	76	10.483	10.483	0.000	93	785581	50.0	50.2	
110 2-Hexanone	43	10.541	10.541	0.000	96	1821889	100.0	109.3	
111 Chlorodibromomethane	129	10.695	10.695	0.000	89	530359	50.0	53.0	
112 Ethylene Dibromide	107	10.801	10.801	0.000	98	483473	50.0	52.5	
* 113 Chlorobenzene-d5 (IS)	117	11.235	11.235	0.000	86	1575591	50.0	50.0	
114 1-Chlorohexane	91	11.248	11.248	0.000	97	605629	50.0	48.6	
115 Chlorobenzene	112	11.264	11.264	0.000	95	1521305	50.0	50.7	
117 1,1,1,2-Tetrachloroethane	131	11.348	11.348	0.000	93	599423	50.0	52.4	
118 Ethylbenzene	91	11.351	11.351	0.000	99	2836667	50.0	55.1	
119 m-Xylene & p-Xylene	106	11.467	11.467	0.000	100	2206650	100.0	109.2	
120 o-Xylene	106	11.798	11.798	0.000	96	1151929	50.0	55.3	
121 Styrene	104	11.811	11.811	0.000	94	1731592	50.0	56.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
122 Bromoform	173	11.965	11.965	0.000	96	373398	50.0	53.1	
123 Isopropylbenzene	105	12.100	12.100	0.000	95	2791081	50.0	57.4	
125 Cyclohexanone	55	12.184	12.184	0.000	93	1200607	625.0	640.5	
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	89	789382	50.0	49.0	
127 1,1,2,2-Tetrachloroethane	83	12.348	12.348	0.000	95	988317	50.0	50.9	
128 Bromobenzene	156	12.357	12.357	0.000	93	626170	50.0	52.3	
129 trans-1,4-Dichloro-2-butene	53	12.373	12.373	0.000	86	512852	125.0	111.1	
130 1,2,3-Trichloropropane	110	12.393	12.393	0.000	85	320978	50.0	50.1	
131 N-Propylbenzene	91	12.428	12.428	0.000	99	3065477	50.0	54.2	
132 2-Chlorotoluene	126	12.505	12.505	0.000	97	638854	50.0	52.4	
133 1,3,5-Trimethylbenzene	105	12.563	12.563	0.000	94	2211589	50.0	54.4	
134 4-Chlorotoluene	126	12.598	12.598	0.000	97	600689	50.0	53.0	
135 tert-Butylbenzene	134	12.811	12.811	0.000	93	384970	50.0	42.5	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	97	2304350	50.0	56.1	
137 sec-Butylbenzene	105	12.975	12.975	0.000	94	2453484	50.0	53.5	
138 1,3-Dichlorobenzene	146	13.071	13.071	0.000	98	1097037	50.0	50.9	
139 4-Isopropyltoluene	119	13.084	13.084	0.000	97	2179028	50.0	55.1	
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.129	0.000	94	897696	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.145	13.145	0.000	95	1109906	50.0	50.1	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	99	2299719	50.0	55.3	
143 Benzyl chloride	91	13.225	13.225	0.000	99	1582708	50.0	52.2	
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	96	1196635	50.0	51.9	
145 p-Diethylbenzene	119	13.357	13.357	0.000	94	1275380	50.0	52.0	
146 n-Butylbenzene	92	13.376	13.376	0.000	97	997867	50.0	51.4	
147 1,2-Dichlorobenzene	146	13.409	13.409	0.000	98	1212564	50.0	52.5	
148 o-diethylbenzene	119	13.431	13.431	0.000	94	1079062	50.0	52.7	
149 1,2-Dibromo-3-Chloropropane	75	13.955	13.955	0.000	84	326880	50.0	52.0	
150 1,3,5-Trichlorobenzene	180	14.077	14.077	0.000	98	714268	50.0	52.1	
151 1,2,4-Trichlorobenzene	180	14.505	14.505	0.000	95	674005	50.0	51.3	
152 Hexachlorobutadiene	225	14.592	14.592	0.000	95	264189	50.0	49.4	
153 Naphthalene	128	14.692	14.692	0.000	97	3518480	50.0	62.3	
154 1,2,3-Trichlorobenzene	180	14.836	14.836	0.000	96	765478	50.0	53.8	
155 2-Methylnaphthalene	142	15.483	15.483	0.000	96	1618627	50.0	49.0	
183 Ethyl acrylate	55		0.000				ND	ND	
198 2-Ethylhexyl acrylate	55		0.000				ND	ND	
200 Methyl acrylate	55		0.000				ND	ND	
206 n-Butyl acrylate	55		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00256	Amount Added: 5.00	Units: uL	
MSV_CCV_GASES_01144	Amount Added: 2.50	Units: uL	
MSV_CCV_VOC#3_00258	Amount Added: 4.00	Units: uL	
MSV_CCV_2CEVE_00249	Amount Added: 5.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 5.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 10.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 5.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 08-Oct-2025 06:40:16

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X56.D

Injection Date: 07-Oct-2025 18:35:54

Instrument ID: 15830

Operator ID: mcd07824

Lims ID: ICIS v50

Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

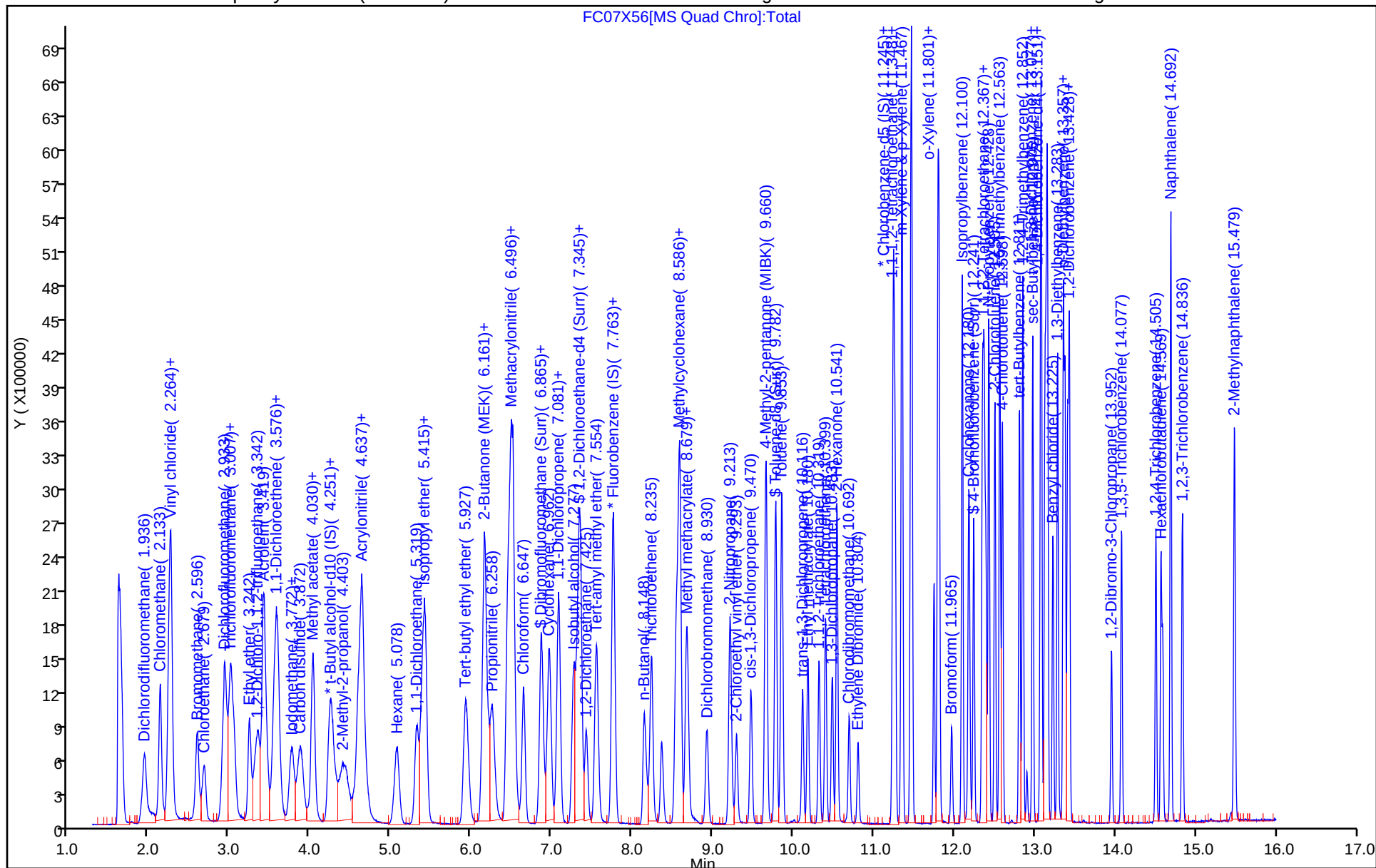
ALS Bottle#: 6

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



10/14/2025

Eurofins Lancaster Laboratories Environment Testing, LLC

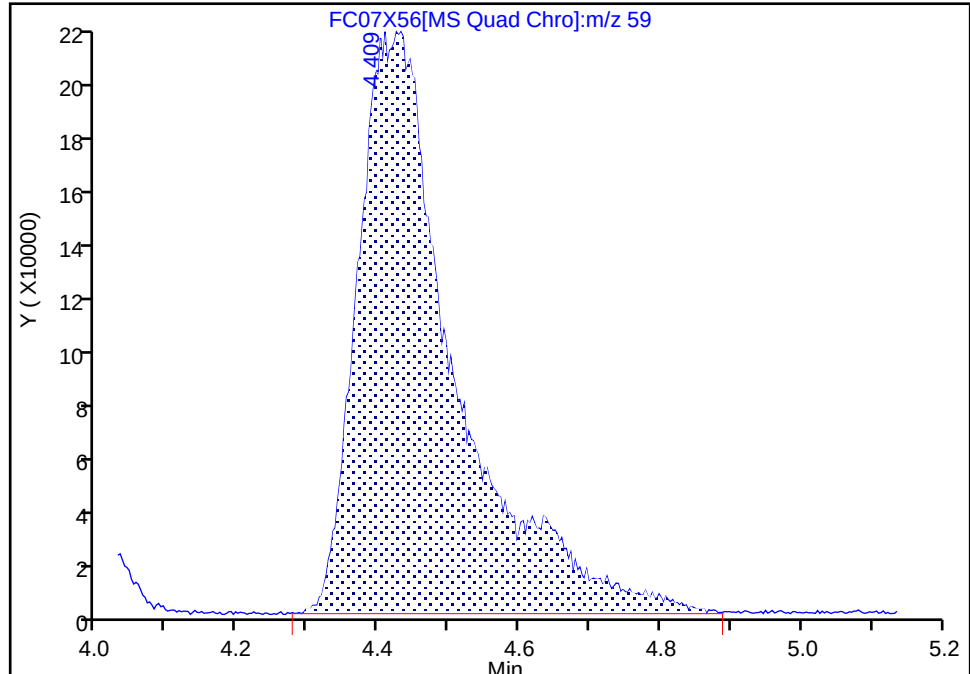
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X56.D
Injection Date: 07-Oct-2025 18:35:54 Instrument ID: 15830
Lims ID: ICIS v50
Client ID:
Operator ID: mcd07824 ALS Bottle#: 6 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

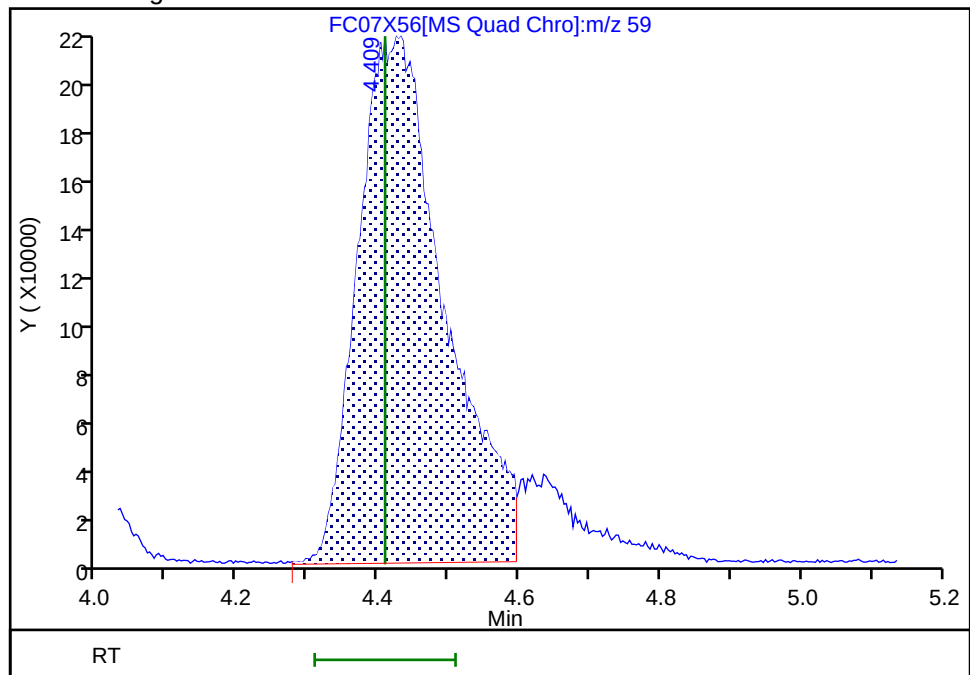
RT: 4.41
Area: 2058143
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 4.41
Area: 1827689
Amount: 254.6679
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 07-Oct-2025 18:58:01 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X57.D
 Lims ID: IC v100
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 07-Oct-2025 18:58:33 ALS Bottle#: 7 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC V100
 Misc. Info.: 410-0162303-017
 Operator ID: mcd07824 Instrument ID: 15830
 Sublist: chrom-MSVoa_15830_PT2*sub24
 Method: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 06:40:27 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1615

First Level Reviewer: Y6ZN

Date: 07-Oct-2025 19:44:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.940	1.936	0.004	99	3254165	100.0	109.4	
4 Chloromethane	50	2.136	2.133	0.003	100	3502725	100.0	94.5	
5 Vinyl chloride	62	2.248	2.245	0.003	98	3269256	100.0	100.2	
6 Butadiene	39	2.268	2.264	0.004	95	3557773	100.0	92.8	
8 Bromomethane	94	2.596	2.589	0.007	91	1883700	100.0	100.3	
9 Chloroethane	64	2.682	2.682	0.000	100	1753275	100.0	99.8	
10 Dichlorofluoromethane	67	2.936	2.930	0.006	97	4237020	100.0	97.9	
11 Trichlorofluoromethane	101	2.994	2.981	0.013	97	3429220	100.0	104.2	
12 Pentane	43	3.023	3.014	0.009	97	3024563	100.0	99.1	
14 Ethyl ether	59	3.242	3.242	0.000	94	1366268	100.0	88.9	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.342	3.338	0.004	94	2288375	100.0	96.9	
16 Acrolein	56	3.419	3.419	0.000	99	8210006	975.8	1036.5	
17 1,1-Dichloroethene	96	3.567	3.570	-0.003	97	1603942	100.0	91.2	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.589	3.586	0.003	81	1698428	100.0	96.4	
19 Acetone	58	3.599	3.596	0.003	100	1016621	200.0	230.4	
21 Iodomethane	142	3.772	3.760	0.012	98	2733751	100.0	94.8	
22 Isopropyl alcohol	45	3.795	3.798	-0.003	98	2207658	500.0	519.8	
23 Carbon disulfide	76	3.878	3.875	0.003	99	4855775	100.0	94.1	
24 Methyl acetate	43	4.026	4.030	-0.004	95	2266418	100.0	103.3	
25 3-Chloro-1-propene	41	4.039	4.030	0.009	96	2310715	100.0	94.6	
26 Methylene Chloride	84	4.245	4.242	0.003	97	1613207	100.0	90.9	
* 27 t-Butyl alcohol-d10 (IS)	65	4.309	4.277	0.032	99	1943030	250.0	250.0	
28 2-Methyl-2-propanol	59	4.425	4.409	0.016	98	3387401	500.0	508.6	M
31 Acrylonitrile	53	4.592	4.592	0.000	99	3041052	250.0	225.9	
33 Methyl tert-butyl ether	73	4.647	4.637	0.010	93	3838696	100.0	96.4	
32 trans-1,2-Dichloroethene	96	4.641	4.640	0.001	98	1455835	100.0	92.0	
34 Hexane	57	5.078	5.081	-0.003	93	1739681	100.0	110.9	
35 1,1-Dichloroethane	63	5.319	5.316	0.003	96	2850132	100.0	100.5	
36 Isopropyl ether	45	5.393	5.390	0.003	95	4493825	100.0	103.9	
37 2-Chloro-1,3-butadiene	53	5.425	5.428	-0.003	91	2348976	100.0	105.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	5.930	5.936	-0.006	97	3912957	100.0	107.8	
41 2-Butanone (MEK)	43	6.158	6.142	0.016	100	3743838	200.0	222.0	
S 40 1,2-Dichloroethene, Total	100				0			187.1	
42 cis-1,2-Dichloroethene	96	6.165	6.161	0.004	83	1659344	100.0	95.0	
43 2,2-Dichloropropane	77	6.184	6.190	-0.006	89	2227579	100.0	102.4	
44 Propionitrile	54	6.248	6.251	-0.003	95	3085085	500.0	557.4	
45 Methacrylonitrile	67	6.457	6.451	0.006	92	2575546	250.0	269.8	
46 Chlorobromomethane	128	6.496	6.496	0.000	97	820063	100.0	99.1	
47 Tetrahydrofuran	71	6.515	6.515	0.000	89	2502084	500.0	590.5	
48 Chloroform	83	6.647	6.647	0.000	94	2551615	100.0	99.5	
\$ 49 Dibromofluoromethane (Surr)	113	6.862	6.862	0.000	92	698810	50.0	48.7	
50 1,1,1-Trichloroethane	97	6.875	6.878	-0.003	99	2264198	100.0	103.4	
51 Cyclohexane	56	6.972	6.968	0.004	92	2847694	100.0	114.1	
52 1,1-Dichloropropene	75	7.084	7.084	0.000	95	2024933	100.0	107.7	
53 Carbon tetrachloride	117	7.084	7.087	-0.003	84	1947882	100.0	105.7	
56 Isobutyl alcohol	41	7.280	7.277	0.003	95	2869010	1250.0	1407.5	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.329	7.325	0.003	97	188171	50.0	50.2	
58 Benzene	78	7.354	7.351	0.003	97	6055423	100.0	103.2	
59 1,2-Dichloroethane	62	7.431	7.428	0.003	97	1876800	100.0	103.0	
60 Tert-amyl methyl ether	73	7.557	7.554	0.003	97	3861799	100.0	109.4	
* 61 Fluorobenzene (IS)	96	7.759	7.759	0.000	99	2663229	50.0	50.0	
62 n-Heptane	43	7.772	7.766	0.006	92	1430309	100.0	107.9	
63 n-Butanol	56	8.155	8.148	0.007	90	2073750	1250.0	1528.4	
64 Trichloroethene	95	8.238	8.242	-0.004	99	1419424	100.0	106.7	
65 Methylcyclohexane	83	8.547	8.544	0.003	92	2430719	100.0	120.5	
66 1,2-Dichloropropane	63	8.582	8.582	0.000	96	1467422	100.0	104.2	
67 2-ethoxy-2-methyl butane	87	8.592	8.586	0.006	92	2009332	100.0	113.6	
68 Methyl methacrylate	69	8.673	8.672	0.000	93	1244096	100.0	114.7	
70 1,4-Dioxane	88	8.682	8.679	0.003	42	613593	1250.0	1421.2	
69 Dibromomethane	93	8.689	8.685	0.004	97	865844	100.0	100.2	
72 Dichlorobromomethane	83	8.933	8.920	0.013	99	1628161	100.0	104.5	
73 2-Nitropropane	41	9.213	9.213	0.000	98	3253094	500.0	585.2	
74 2-Chloroethyl vinyl ether	63	9.296	9.293	0.003	91	887977	100.0	116.0	
76 cis-1,3-Dichloropropene	75	9.476	9.470	0.006	95	1890266	100.0	111.9	
78 4-Methyl-2-pentanone (MIBK)	43	9.660	9.656	0.004	97	6124202	200.0	230.6	
\$ 79 Toluene-d8 (Surr)	98	9.779	9.782	-0.003	93	2506207	50.0	50.4	
80 Toluene	92	9.856	9.859	-0.003	98	3462389	100.0	108.2	
S 104 1,3-Dichloropropene, Total	100				0			221.0	
105 trans-1,3-Dichloropropene	75	10.116	10.116	0.000	93	1558293	100.0	109.1	
106 Ethyl methacrylate	69	10.184	10.180	0.004	90	1876288	100.0	114.6	
107 1,1,2-Trichloroethane	97	10.322	10.322	0.000	91	1079291	100.0	101.1	
108 Tetrachloroethene	166	10.402	10.399	0.003	97	1356075	100.0	107.2	
109 1,3-Dichloropropane	76	10.486	10.483	0.003	92	1825205	100.0	104.7	
110 2-Hexanone	43	10.541	10.541	0.000	98	4432211	200.0	238.8	
111 Chlorodibromomethane	129	10.692	10.695	-0.003	90	1201244	100.0	107.8	
112 Ethylene Dibromide	107	10.807	10.801	0.006	98	1110020	100.0	108.4	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.235	0.003	85	1754046	50.0	50.0	
S 116 Xylenes, Total	106				0			348.6	
114 1-Chlorohexane	91	11.248	11.248	0.000	98	1578979	100.0	113.7	
115 Chlorobenzene	112	11.264	11.264	0.000	95	3523656	100.0	105.5	
117 1,1,1,2-Tetrachloroethane	131	11.348	11.348	0.000	96	1346280	100.0	105.8	
118 Ethylbenzene	91	11.351	11.351	0.000	98	6750530	100.0	117.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
119 m-Xylene & p-Xylene	106	11.463	11.467	-0.004	100	5202519	200.0	231.2	
120 o-Xylene	106	11.798	11.798	0.000	96	2724084	100.0	117.4	
121 Styrene	104	11.811	11.811	0.000	94	4033412	100.0	118.2	
122 Bromoform	173	11.968	11.965	0.003	97	865692	100.0	110.6	
123 Isopropylbenzene	105	12.100	12.100	0.000	95	7014128	100.0	129.5	
125 Cyclohexanone	55	12.184	12.184	0.000	92	2659296	1250.0	1528.6	
\$ 126 4-Bromofluorobenzene (Surr)	95	12.242	12.241	0.001	89	868165	50.0	48.4	
127 1,1,2,2-Tetrachloroethane	83	12.348	12.348	0.000	94	2156791	100.0	103.7	
128 Bromobenzene	156	12.360	12.357	0.003	97	1418720	100.0	110.6	
129 trans-1,4-Dichloro-2-butene	53	12.370	12.373	-0.003	89	1268294	250.0	239.1	
130 1,2,3-Trichloropropane	110	12.389	12.393	-0.004	84	701202	100.0	102.2	
131 N-Propylbenzene	91	12.431	12.428	0.003	99	7533749	100.0	124.5	
132 2-Chlorotoluene	126	12.505	12.505	0.000	96	1477474	100.0	113.2	
133 1,3,5-Trimethylbenzene	105	12.566	12.563	0.003	94	5491623	100.0	126.1	
134 4-Chlorotoluene	126	12.602	12.598	0.004	97	1378059	100.0	113.6	
135 tert-Butylbenzene	134	12.807	12.811	-0.004	93	999251	100.0	98.2	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	98	5432932	100.0	123.5	
137 sec-Butylbenzene	105	12.975	12.975	0.000	94	6355089	100.0	129.4	
138 1,3-Dichlorobenzene	146	13.071	13.071	0.000	98	2446351	100.0	106.1	
139 4-Isopropyltoluene	119	13.081	13.084	-0.003	97	5489086	100.0	129.5	
* 140 1,4-Dichlorobenzene-d4	152	13.126	13.129	-0.003	94	961334	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.145	13.145	0.000	94	2477075	100.0	104.4	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	98	5447687	100.0	122.3	
143 Benzyl chloride	91	13.225	13.225	0.000	98	3680886	100.0	113.3	
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	96	2966628	100.0	120.1	
145 p-Diethylbenzene	119	13.357	13.357	0.000	94	3167532	100.0	120.6	
146 n-Butylbenzene	92	13.373	13.376	-0.003	97	2531097	100.0	121.6	
147 1,2-Dichlorobenzene	146	13.409	13.409	0.000	98	2659990	100.0	107.6	
148 o-diethylbenzene	119	13.431	13.431	0.000	95	2599625	100.0	118.6	
149 1,2-Dibromo-3-Chloropropane	75	13.955	13.955	0.000	85	691124	100.0	102.6	
150 1,3,5-Trichlorobenzene	180	14.077	14.077	0.000	97	1614600	100.0	110.1	
151 1,2,4-Trichlorobenzene	180	14.508	14.505	0.003	94	1573210	100.0	111.7	
152 Hexachlorobutadiene	225	14.592	14.592	0.000	95	625675	100.0	109.2	
153 Naphthalene	128	14.692	14.692	0.000	97	7556752	100.0	125.0	
154 1,2,3-Trichlorobenzene	180	14.836	14.836	0.000	95	1651982	100.0	108.4	
155 2-Methylnaphthalene	142	15.479	15.483	-0.003	92	3779783	100.0	103.1	
S 156 Total Diethylbenzene	1				0			359.3	
183 Ethyl acrylate	55		0.000				ND	ND	
198 2-Ethylhexyl acrylate	55		0.000				ND	ND	
200 Methyl acrylate	55		0.000				ND	ND	
206 n-Butyl acrylate	55		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00256	Amount Added: 5.00	Units: uL	
MSV_CCV_GASES_01144	Amount Added: 2.50	Units: uL	
MSV_CCV_VOC#3_00258	Amount Added: 4.00	Units: uL	
MSV_CCV_2CEVE_00249	Amount Added: 5.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 5.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 10.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 5.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 08-Oct-2025 06:40:28

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X57.D

Injection Date: 07-Oct-2025 18:58:33

Instrument ID: 15830

Operator ID: mcd07824

Lims ID: IC v100

Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

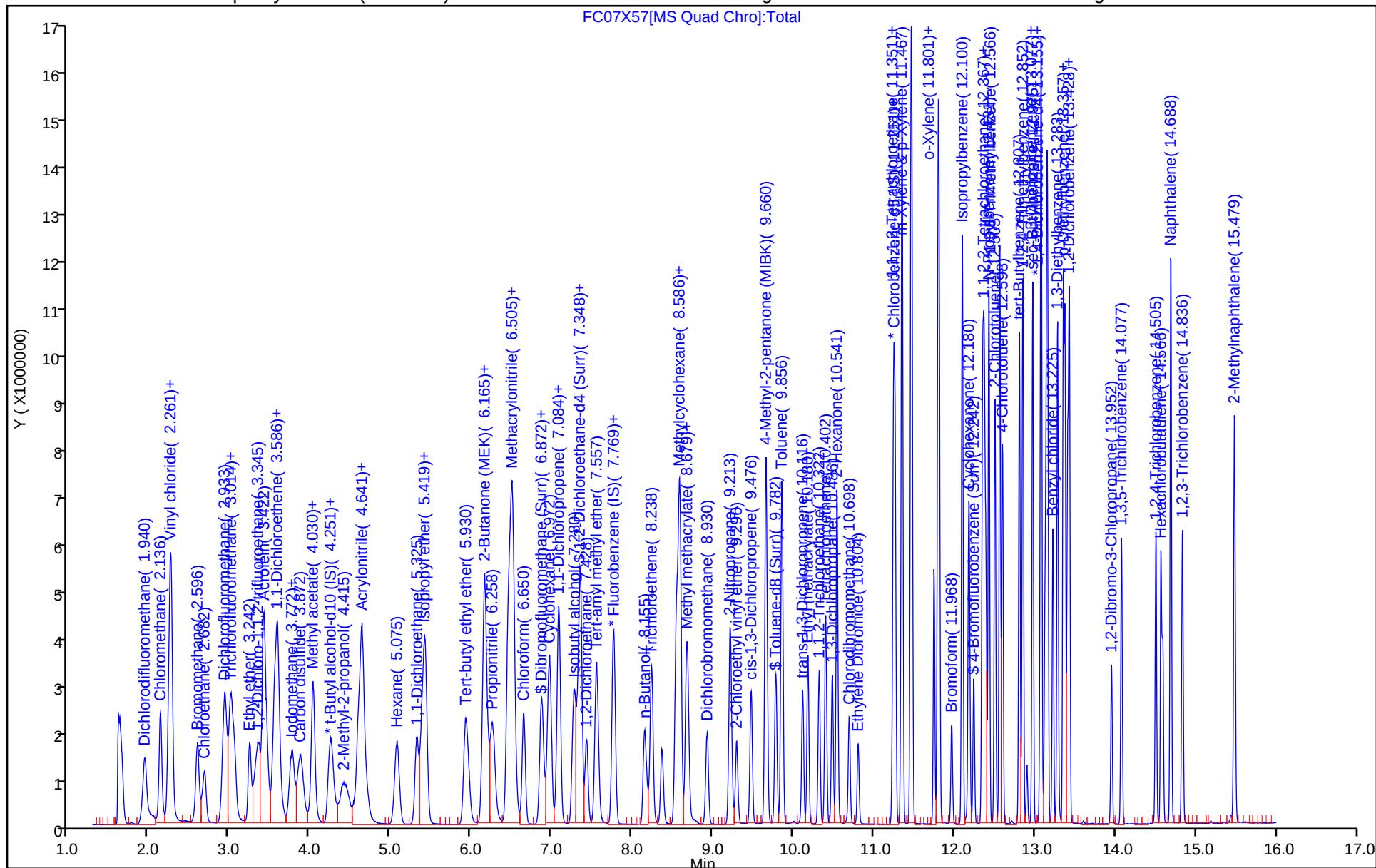
ALS Bottle#: 7

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

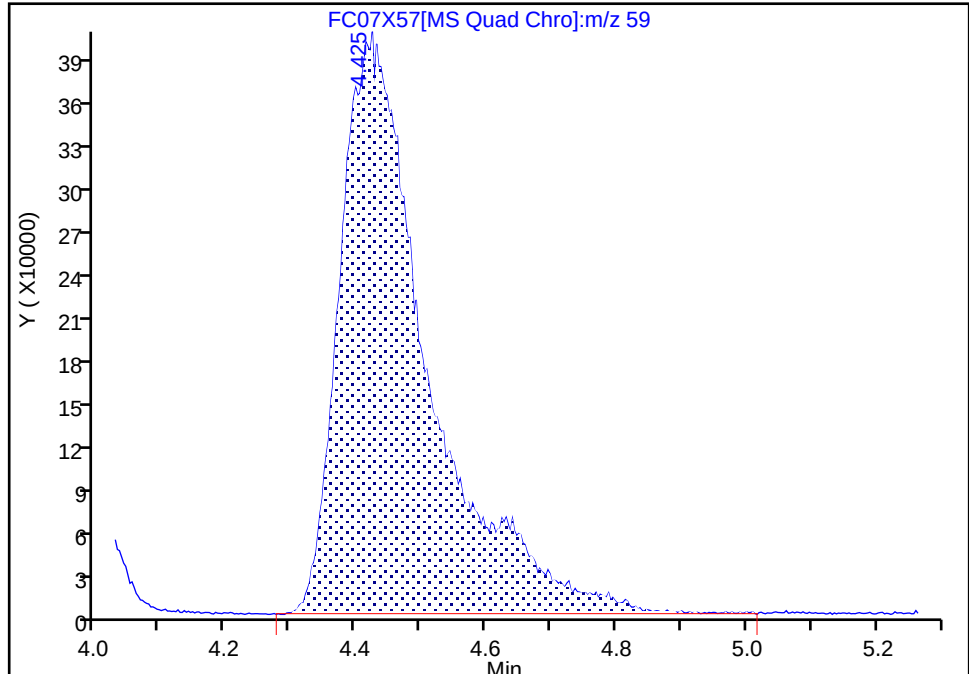
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X57.D
Injection Date: 07-Oct-2025 18:58:33 Instrument ID: 15830
Lims ID: IC v100
Client ID:
Operator ID: mcd07824 ALS Bottle#: 7 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

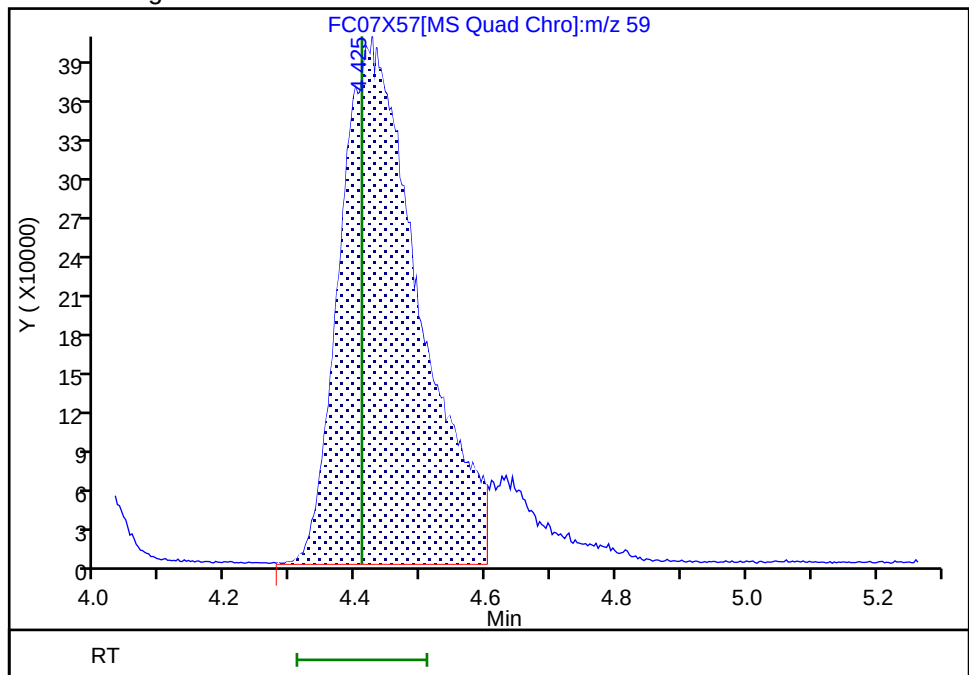
RT: 4.43
Area: 3797062
Amount: 535.2351
Amount Units: ug/l

Processing Integration Results



RT: 4.43
Area: 3387401
Amount: 508.6034
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 07-Oct-2025 19:37:29 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X58.D
 Lims ID: IC v300
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 07-Oct-2025 19:21:36 ALS Bottle#: 8 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC V300
 Misc. Info.: 410-0162303-018
 Operator ID: mcd07824 Instrument ID: 15830
 Sublist: chrom-MSVoa_15830_PT2*sub24
 Method: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 06:40:38 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1615

First Level Reviewer: Y6ZN

Date: 07-Oct-2025 20:16:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.943	1.936	0.007	99	9312796	300.0	287.1	
4 Chloromethane	50	2.136	2.133	0.003	99	11271043	300.0	278.8	
5 Vinyl chloride	62	2.248	2.245	0.003	98	9556813	300.0	268.6	
6 Butadiene	39	2.271	2.264	0.007	93	9863512	300.0	235.8	
8 Bromomethane	94	2.592	2.589	0.003	91	5271641	300.0	257.3	
9 Chloroethane	64	2.682	2.682	0.000	100	4858621	300.0	253.5	
10 Dichlorofluoromethane	67	2.933	2.930	0.003	97	12543545	300.0	265.6	
11 Trichlorofluoromethane	101	2.985	2.981	0.004	97	10270412	300.0	286.1	
12 Pentane	43	3.052	3.014	0.038	98	9969022	300.0	300.2	
14 Ethyl ether	59	3.242	3.242	0.000	92	4104243	300.1	244.9	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.348	3.338	0.010	93	6815655	300.0	264.7	
16 Acrolein	56	3.422	3.419	0.003	100	23997856	2927.5	2770.0	
17 1,1-Dichloroethene	96	3.573	3.570	0.003	97	4931449	300.0	257.0	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.589	3.586	0.003	86	4949855	300.0	257.5	
19 Acetone	58	3.605	3.596	0.009	100	2711163	600.0	561.8	
21 Iodomethane	142	3.775	3.760	0.015	98	7757796	300.0	246.6	
22 Isopropyl alcohol	45	3.801	3.798	0.003	99	6691473	1500.0	1440.5	
23 Carbon disulfide	76	3.891	3.875	0.016	99	14378124	300.0	255.4	
24 Methyl acetate	43	4.023	4.030	-0.007	98	6924724	300.0	292.2	
25 3-Chloro-1-propene	41	4.033	4.030	0.003	95	7461295	300.0	280.0	
26 Methylene Chloride	84	4.258	4.242	0.016	95	5037794	300.0	260.4	
* 27 t-Butyl alcohol-d10 (IS)	65	4.300	4.277	0.023	96	2125146	250.0	250.0	
28 2-Methyl-2-propanol	59	4.415	4.409	0.006	100	10210294	1500.0	1401.7	M
31 Acrylonitrile	53	4.599	4.592	0.007	98	9447582	750.0	643.4	
33 Methyl tert-butyl ether	73	4.647	4.637	0.010	93	11838468	300.0	272.7	
32 trans-1,2-Dichloroethene	96	4.637	4.640	-0.003	98	4383452	300.0	254.1	
34 Hexane	57	5.071	5.081	-0.010	93	5208524	300.0	304.3	
35 1,1-Dichloroethane	63	5.319	5.316	0.003	96	8311692	300.0	268.7	
36 Isopropyl ether	45	5.396	5.390	0.006	95	13522347	300.0	286.7	
37 2-Chloro-1,3-butadiene	53	5.428	5.428	0.000	91	7287079	300.0	301.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	5.933	5.936	-0.003	98	11461023	300.0	289.5	
41 2-Butanone (MEK)	43	6.161	6.142	0.019	100	11212142	600.0	609.7	
S 40 1,2-Dichloroethene, Total	100				0			509.4	
42 cis-1,2-Dichloroethene	96	6.161	6.161	0.000	82	4862862	300.0	255.3	
43 2,2-Dichloropropane	77	6.187	6.190	-0.003	90	6639004	300.0	279.8	
44 Propionitrile	54	6.251	6.251	0.000	96	9208011	1500.0	1521.0	
45 Methacrylonitrile	67	6.467	6.451	0.016	93	7960231	750.0	764.7	
46 Chlorobromomethane	128	6.502	6.496	0.006	97	2353986	300.0	260.7	
47 Tetrahydrofuran	71	6.515	6.515	0.000	91	7701400	1500.0	1661.7	
48 Chloroform	83	6.653	6.647	0.006	94	7466662	300.0	267.1	
\$ 49 Dibromofluoromethane (Surr)	113	6.872	6.862	0.010	94	700861	50.0	44.8	
50 1,1,1-Trichloroethane	97	6.881	6.878	0.003	99	6645789	300.0	278.2	
51 Cyclohexane	56	6.978	6.968	0.010	91	8500383	300.0	312.2	
52 1,1-Dichloropropene	75	7.090	7.084	0.006	96	6329415	300.0	308.8	
53 Carbon tetrachloride	117	7.081	7.087	-0.006	91	5875659	300.0	292.5	
56 Isobutyl alcohol	41	7.283	7.277	0.006	95	8612026	3750.0	3862.8	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.328	7.325	0.003	97	199696	50.0	48.9	
58 Benzene	78	7.354	7.351	0.003	96	18726422	300.0	292.5	
59 1,2-Dichloroethane	62	7.431	7.428	0.003	97	5817508	300.0	292.6	
60 Tert-amyl methyl ether	73	7.557	7.554	0.003	97	11781145	300.0	306.1	
* 61 Fluorobenzene (IS)	96	7.769	7.759	0.010	97	2904606	50.0	50.0	
62 n-Heptane	43	7.772	7.766	0.006	93	4298999	300.0	297.5	
63 n-Butanol	56	8.158	8.148	0.010	89	6833768	3750.0	4605.0	
64 Trichloroethene	95	8.242	8.242	0.000	99	4498774	300.0	310.2	
65 Methylcyclohexane	83	8.550	8.544	0.006	93	7367977	300.0	335.0	
66 1,2-Dichloropropane	63	8.589	8.582	0.007	94	4626665	300.0	301.2	
67 2-ethoxy-2-methyl butane	87	8.595	8.586	0.009	92	6352174	300.0	329.4	
68 Methyl methacrylate	69	8.676	8.672	0.004	92	4035699	300.0	341.2	
70 1,4-Dioxane	88	8.676	8.679	-0.003	37	1779207	3750.0	3767.9	
69 Dibromomethane	93	8.692	8.685	0.007	97	2776888	300.0	294.6	
72 Dichlorobromomethane	83	8.926	8.920	0.006	99	5335292	300.0	314.0	
73 2-Nitropropane	41	9.219	9.213	0.006	97	10904522	1500.0	1793.6	
74 2-Chloroethyl vinyl ether	63	9.299	9.293	0.006	91	3091093	300.0	370.2	
76 cis-1,3-Dichloropropene	75	9.476	9.470	0.006	95	6783789	300.0	368.3	
78 4-Methyl-2-pentanone (MIBK)	43	9.660	9.656	0.004	97	18655501	600.0	644.1	e
\$ 79 Toluene-d8 (Surr)	98	9.785	9.782	0.003	94	2765324	50.0	48.4	
80 Toluene	92	9.856	9.859	-0.003	99	11310225	300.0	307.4	e
S 104 1,3-Dichloropropene, Total	100				0			713.7	
105 trans-1,3-Dichloropropene	75	10.116	10.116	0.000	93	5670442	300.0	345.3	
106 Ethyl methacrylate	69	10.184	10.180	0.004	90	6347083	300.0	337.4	
107 1,1,2-Trichloroethane	97	10.322	10.322	0.000	91	3581223	300.0	291.8	
108 Tetrachloroethene	166	10.405	10.399	0.006	98	4435310	300.0	304.9	
109 1,3-Dichloropropane	76	10.486	10.483	0.003	91	6220527	300.0	310.4	
110 2-Hexanone	43	10.544	10.541	0.003	97	12955858	600.0	607.1	
111 Chlorodibromomethane	129	10.695	10.695	0.000	90	4092142	300.0	319.3	
112 Ethylene Dibromide	107	10.804	10.801	0.003	100	3699410	300.0	314.1	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.235	0.003	86	2016245	50.0	50.0	
S 116 Xylenes, Total	106				0			938.9	
114 1-Chlorohexane	91	11.248	11.248	0.000	98	5184748	300.0	324.9	
115 Chlorobenzene	112	11.267	11.264	0.003	95	11737743	300.0	305.7	
117 1,1,1,2-Tetrachloroethane	131	11.348	11.348	0.000	96	4461417	300.0	305.0	
118 Ethylbenzene	91	11.344	11.351	-0.007	98	16696069	300.0	253.3	e

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
119 m-Xylene & p-Xylene	106	11.467	11.467	-0.001	98	16128352	600.0	623.5	e
120 o-Xylene	106	11.798	11.798	0.000	97	8410348	300.0	315.4	
121 Styrene	104	11.811	11.811	0.000	94	12683015	300.0	323.3	e
122 Bromoform	173	11.968	11.965	0.003	97	2834759	300.0	315.2	
123 Isopropylbenzene	105	12.090	12.100	-0.010	97	16279878	300.0	261.5	e
125 Cyclohexanone	55	12.184	12.184	0.000	93	7921988	3750.1	4163.5	
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	89	996720	50.0	48.4	
127 1,1,2,2-Tetrachloroethane	83	12.347	12.348	-0.001	95	7548020	300.0	318.1	
128 Bromobenzene	156	12.360	12.357	0.003	98	4873357	300.0	333.3	
129 trans-1,4-Dichloro-2-butene	53	12.373	12.373	0.000	88	4891921	750.0	777.0	
130 1,2,3-Trichloropropane	110	12.393	12.393	-0.001	83	2332087	300.0	298.1	
131 N-Propylbenzene	91	12.421	12.428	-0.007	98	16803649	300.0	243.5	e
132 2-Chlorotoluene	126	12.505	12.505	0.000	97	5092856	300.0	342.4	
133 1,3,5-Trimethylbenzene	105	12.560	12.563	-0.003	96	15038404	300.0	302.9	e
134 4-Chlorotoluene	126	12.598	12.598	0.000	97	4686549	300.0	338.9	
135 tert-Butylbenzene	134	12.811	12.811	-0.001	92	3719289	300.0	313.2	
136 1,2,4-Trimethylbenzene	105	12.843	12.852	-0.009	96	15147605	300.0	301.9	a
137 sec-Butylbenzene	105	12.965	12.975	-0.010	95	15892917	300.0	283.8	e
138 1,3-Dichlorobenzene	146	13.071	13.071	0.000	98	8451953	300.0	321.4	
139 4-Isopropyltoluene	119	13.074	13.084	-0.010	97	14618700	300.0	302.5	e
* 140 1,4-Dichlorobenzene-d4	152	13.126	13.129	-0.003	93	1096127	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.148	13.145	0.003	95	8406521	300.0	310.7	
142 1,2,3-Trimethylbenzene	105	13.151	13.158	-0.007	95	15001200	300.0	295.4	e
143 Benzyl chloride	91	13.222	13.225	-0.003	99	12596241	300.0	340.2	e
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	95	9967721	300.0	354.0	
145 p-Diethylbenzene	119	13.354	13.357	-0.003	94	10407007	300.0	347.4	
146 n-Butylbenzene	92	13.376	13.376	0.000	94	8546511	300.0	360.2	
147 1,2-Dichlorobenzene	146	13.412	13.409	0.003	98	8832660	300.0	313.3	
148 o-diethylbenzene	119	13.428	13.431	-0.003	96	8957248	300.0	358.5	
149 1,2-Dibromo-3-Chloropropane	75	13.955	13.955	0.000	84	2369253	300.0	308.6	
150 1,3,5-Trichlorobenzene	180	14.077	14.077	0.000	97	5255358	300.0	314.2	
151 1,2,4-Trichlorobenzene	180	14.505	14.505	0.000	94	4998962	300.0	311.4	
152 Hexachlorobutadiene	225	14.589	14.592	-0.003	96	2027363	300.0	310.4	
153 Naphthalene	128	14.682	14.692	-0.010	99	16478012	300.0	239.0	e
154 1,2,3-Trichlorobenzene	180	14.836	14.836	0.000	95	5336563	300.0	307.2	
155 2-Methylnaphthalene	142	15.479	15.483	-0.003	93	12893602	300.0	302.3	e
S 156 Total Diethylbenzene	1				0			1059.8	
183 Ethyl acrylate	55		0.000				ND	ND	
198 2-Ethylhexyl acrylate	55		0.000				ND	ND	
200 Methyl acrylate	55		0.000				ND	ND	
206 n-Butyl acrylate	55		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

e - Potential Peak Saturated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00256	Amount Added: 15.00	Units: uL	
MSV_CCV_GASES_01144	Amount Added: 7.50	Units: uL	
MSV_CCV_VOC#3_00258	Amount Added: 12.00	Units: uL	
MSV_CCV_2CEVE_00249	Amount Added: 15.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 15.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 30.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 15.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 08-Oct-2025 06:40:38

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X58.D

Injection Date: 07-Oct-2025 19:21:36

Instrument ID: 15830

Operator ID: mcd07824

Lims ID: IC v300

Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

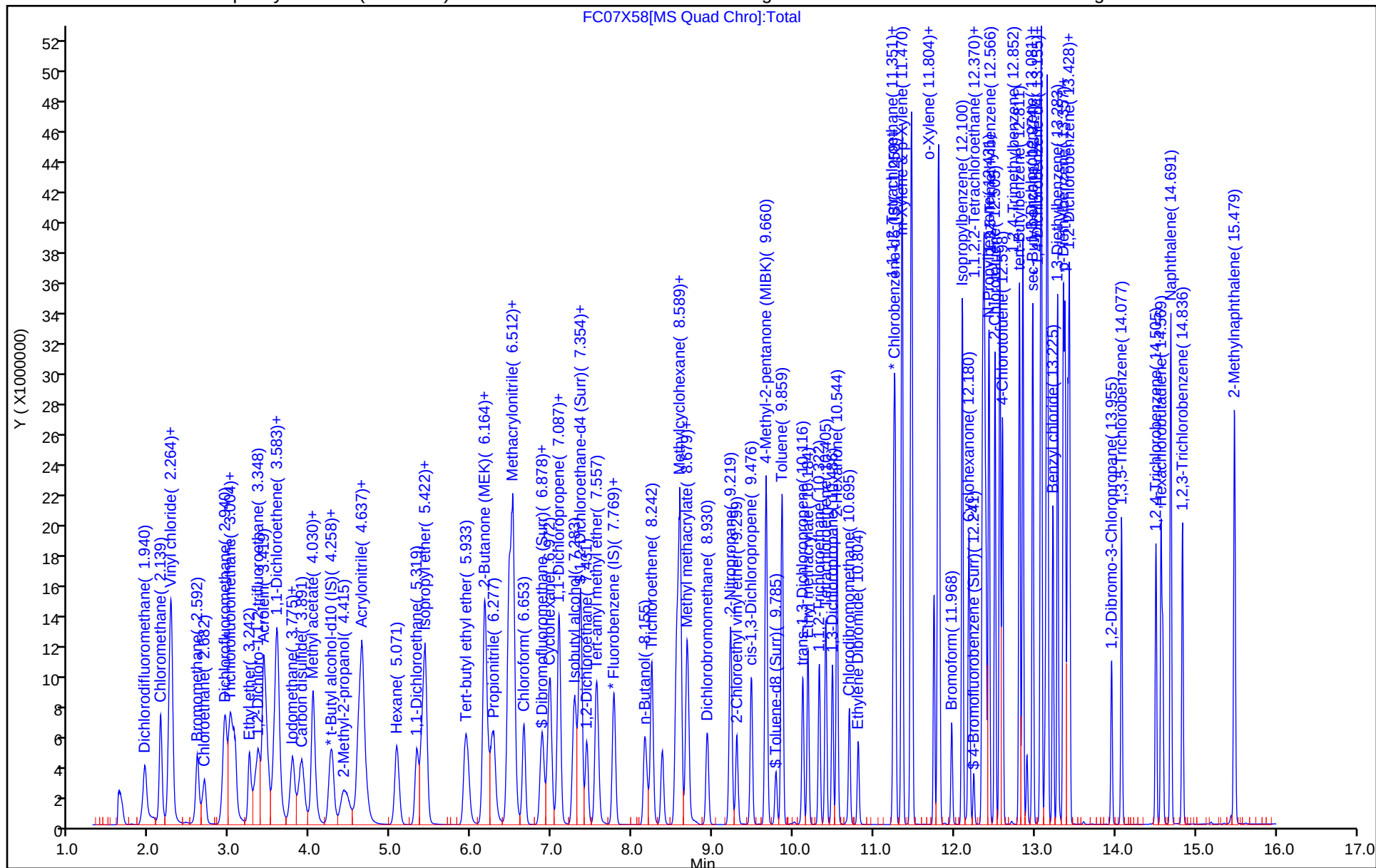
ALS Bottle#: 8

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

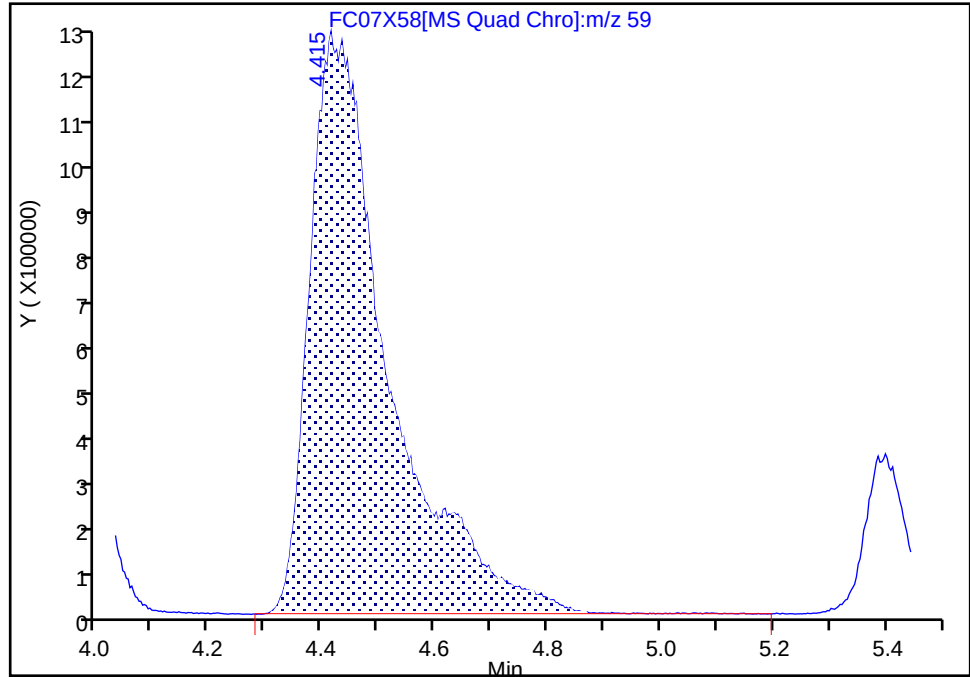
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X58.D
Injection Date: 07-Oct-2025 19:21:36 Instrument ID: 15830
Lims ID: IC v300
Client ID:
Operator ID: mcd07824 ALS Bottle#: 8 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

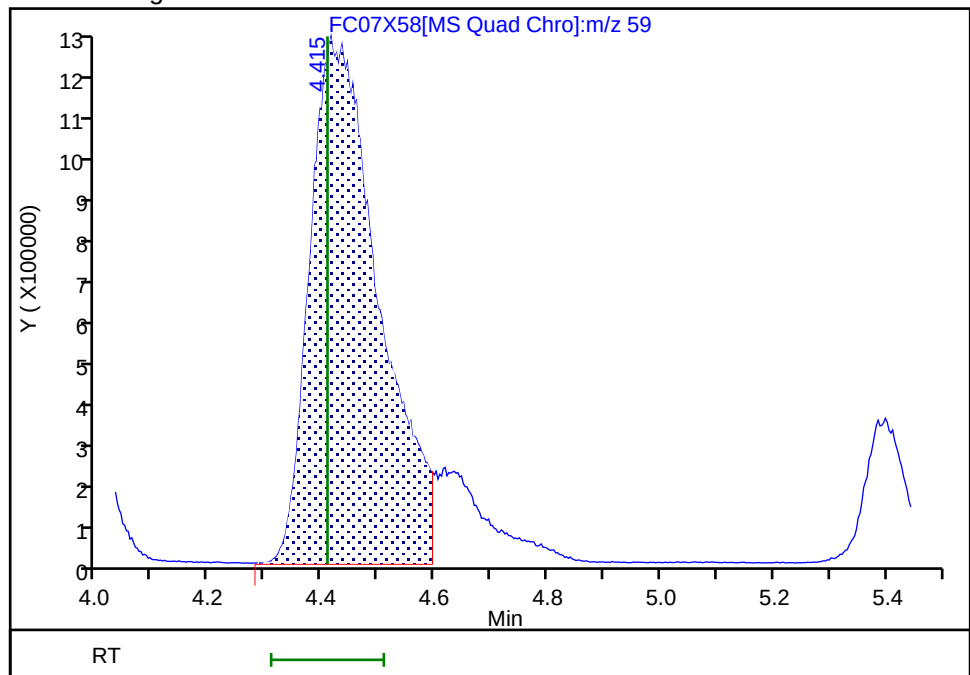
RT: 4.42
Area: 11685714
Amount: 1539.6785
Amount Units: ug/l

Processing Integration Results



RT: 4.42
Area: 10210294
Amount: 1401.6567
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 07-Oct-2025 19:45:06 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

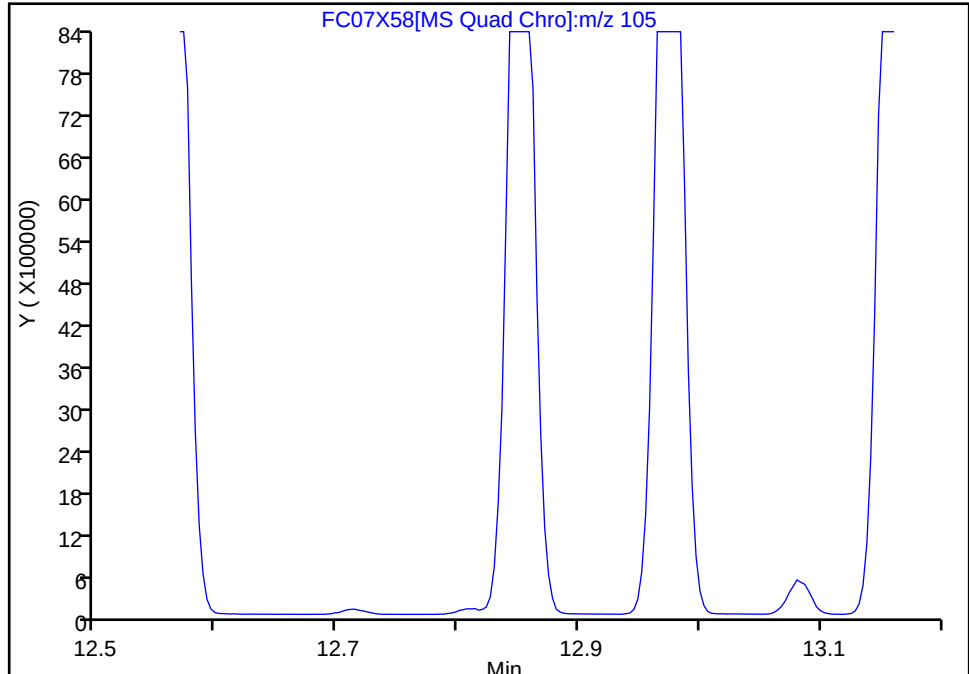
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X58.D
Injection Date: 07-Oct-2025 19:21:36 Instrument ID: 15830
Lims ID: IC v300
Client ID:
Operator ID: mcd07824 ALS Bottle#: 8 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

136 1,2,4-Trimethylbenzene, CAS: 95-63-6
Signal: 1

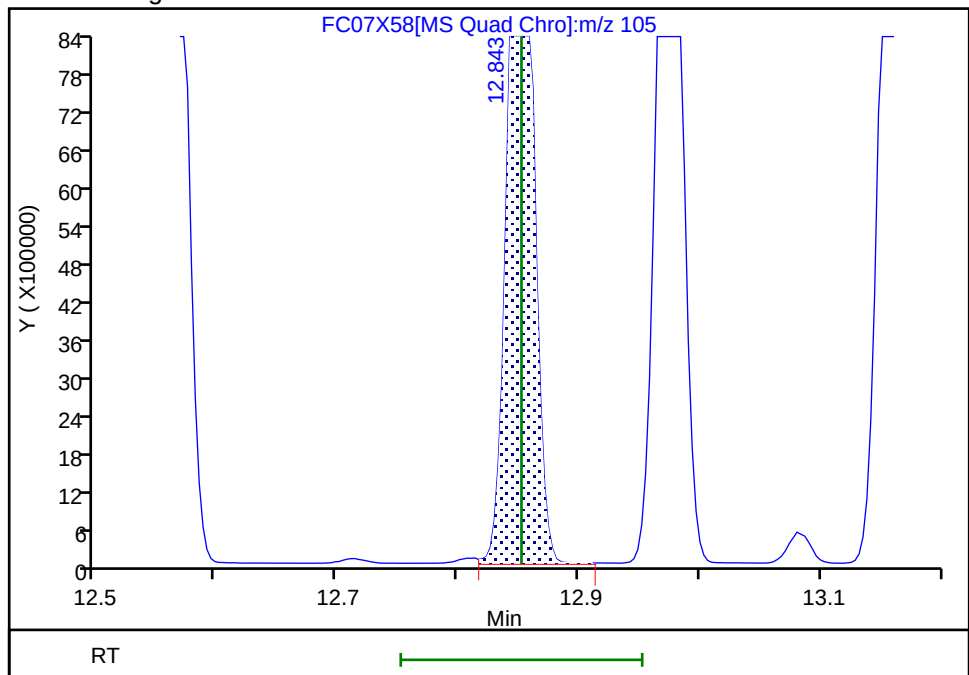
Not Detected
Expected RT: 12.85

Processing Integration Results



RT: 12.84
Area: 15147605
Amount: 301.9322
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 07-Oct-2025 19:45:25 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Calibration

/ Dichlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

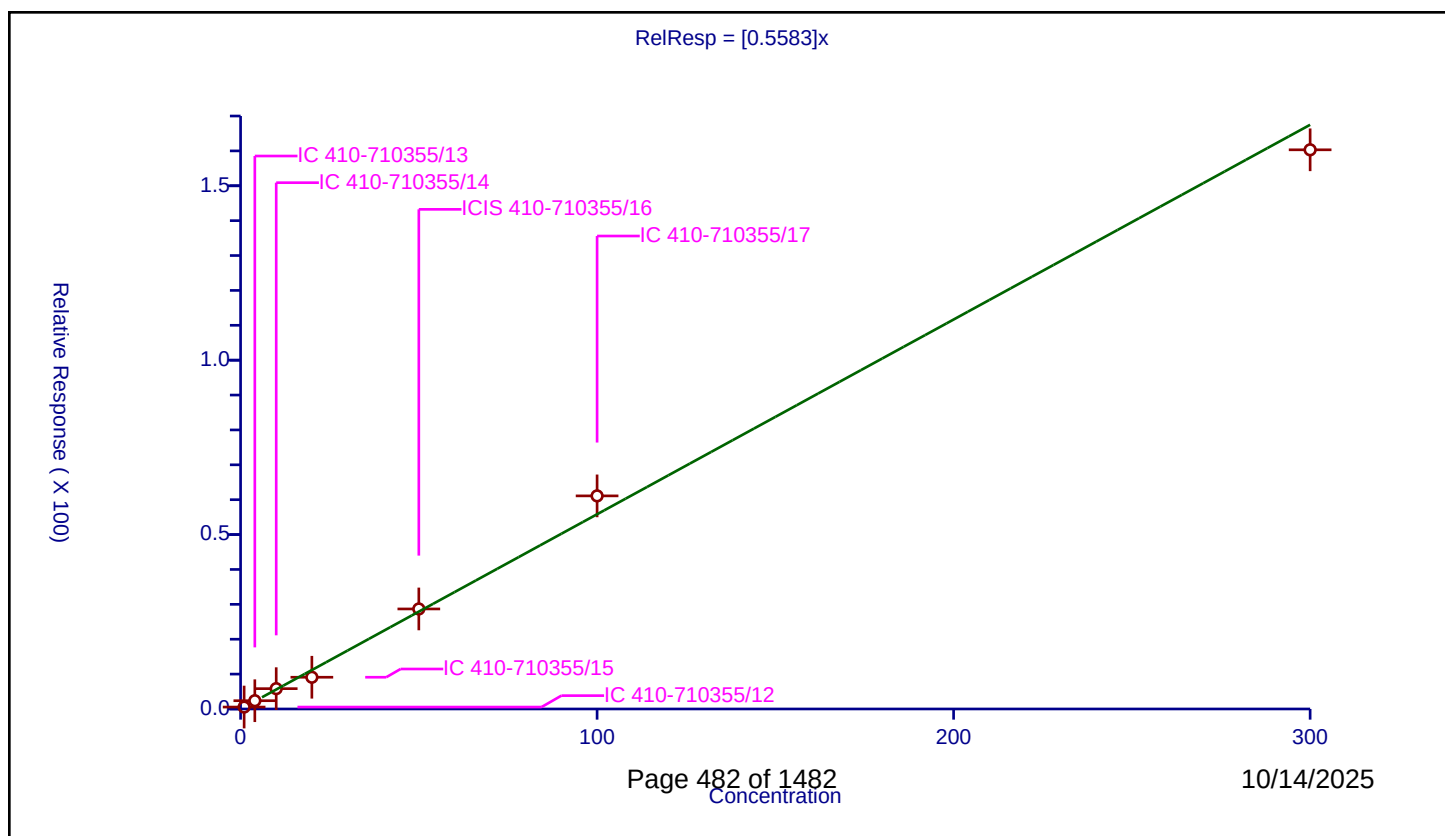
Curve Coefficients

Intercept: 0
Slope: 0.5583

Error Coefficients

Relative Standard Deviation: 9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.558044	50.0	2220344.0	0.558044	Y
2	IC 410-710355/13	4.0	2.371177	50.0	2465042.0	0.592794	Y
3	IC 410-710355/14	10.0	5.830275	50.0	3258431.0	0.583028	Y
4	IC 410-710355/15	20.0	9.104521	50.0	2207881.0	0.455226	Y
5	ICIS 410-710355/16	50.0	28.678874	50.0	2616813.0	0.573577	Y
6	IC 410-710355/17	100.0	61.094352	50.0	2663229.0	0.610944	Y
7	IC 410-710355/18	300.0	160.31083	50.0	2904606.0	0.534369	Y



Calibration

/ Chloromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

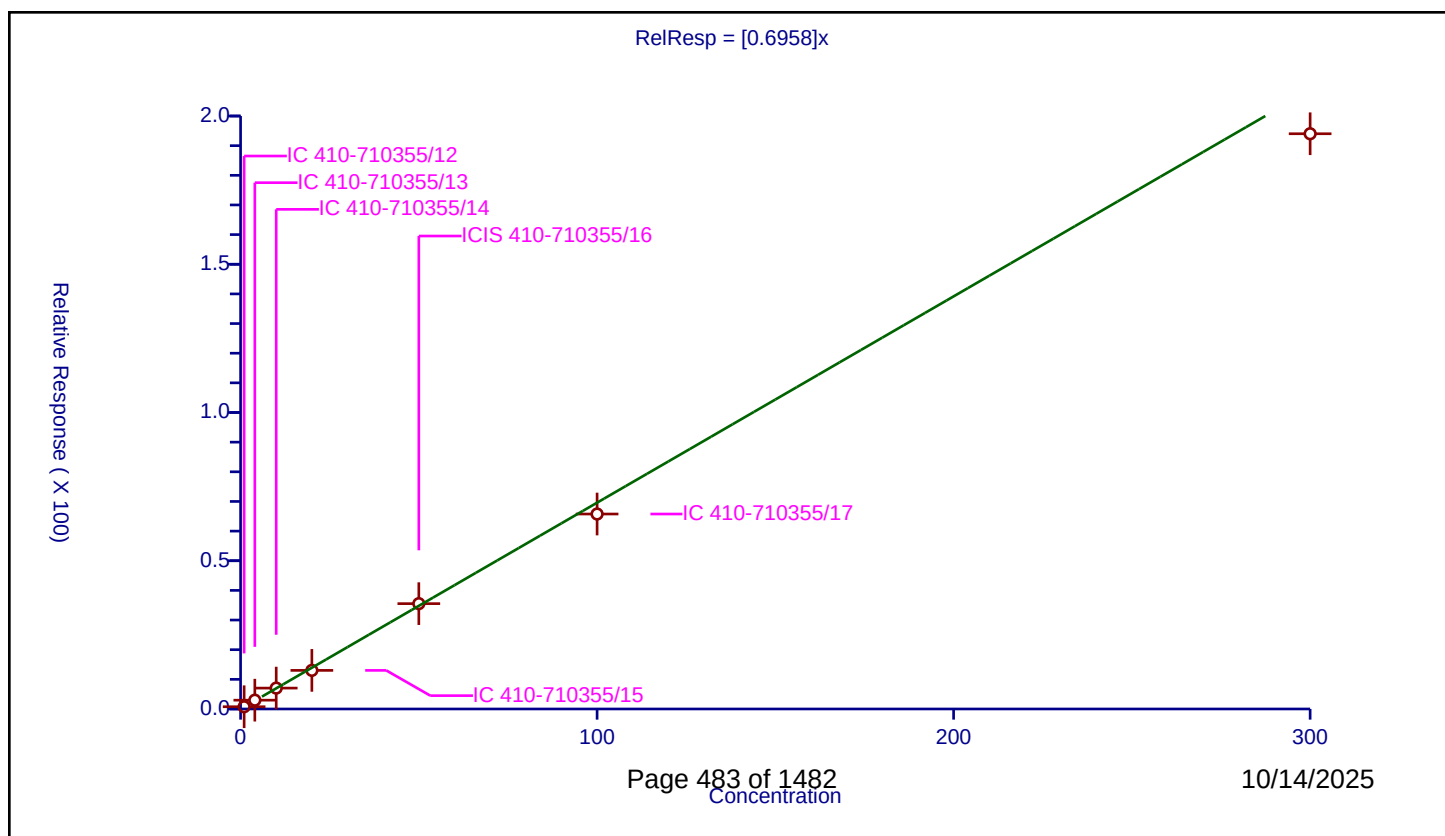
Curve Coefficients

Intercept: 0
Slope: 0.6958

Error Coefficients

Relative Standard Deviation: 6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.757383	50.0	2220344.0	0.757383	Y
2	IC 410-710355/13	4.0	2.970173	50.0	2465042.0	0.742543	Y
3	IC 410-710355/14	10.0	7.049298	50.0	3258431.0	0.70493	Y
4	IC 410-710355/15	20.0	13.01875	50.0	2207881.0	0.650937	Y
5	ICIS 410-710355/16	50.0	35.531886	50.0	2616813.0	0.710638	Y
6	IC 410-710355/17	100.0	65.760868	50.0	2663229.0	0.657609	Y
7	IC 410-710355/18	300.0	194.02017	50.0	2904606.0	0.646734	Y



Calibration

/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

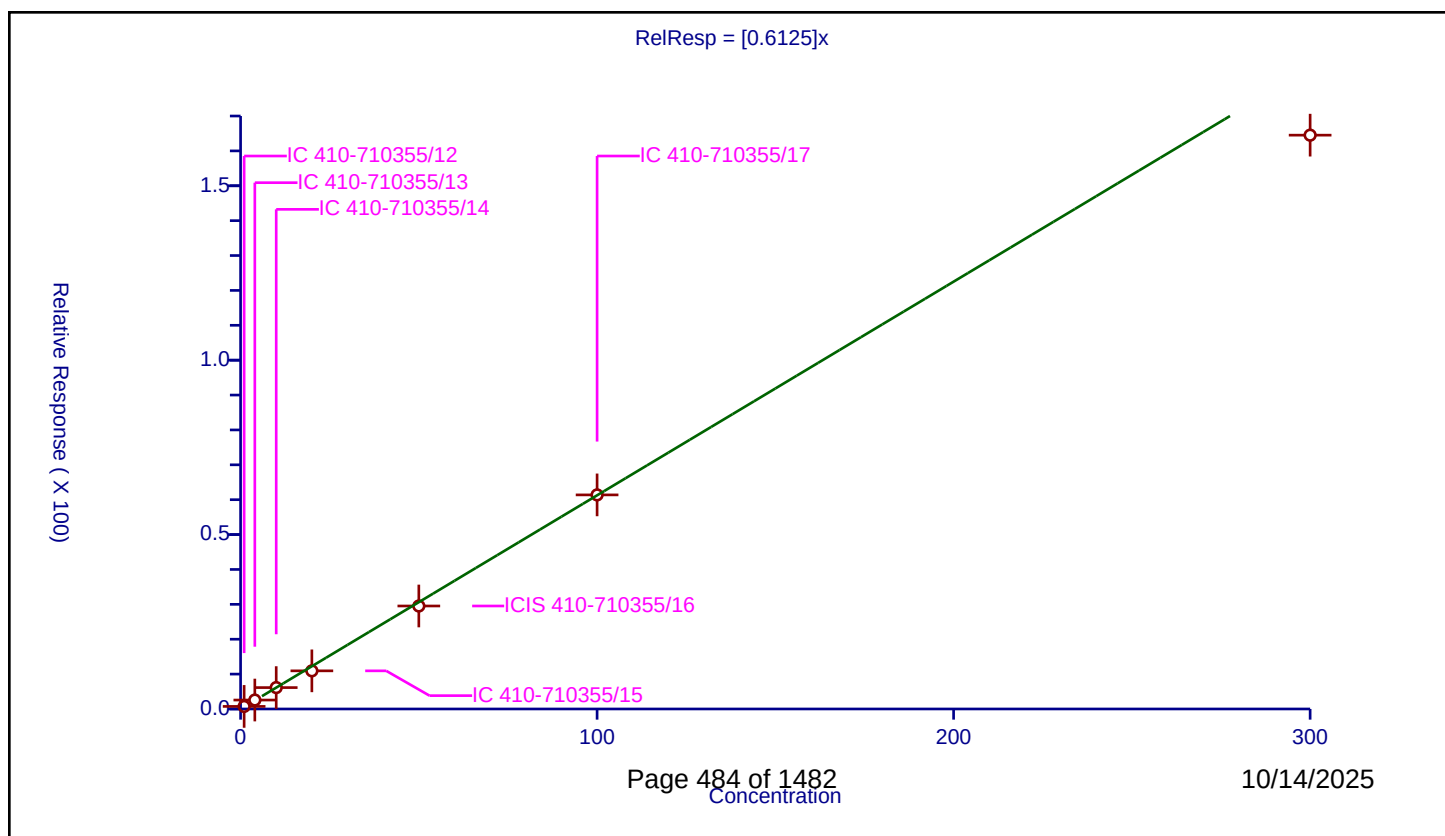
Curve Coefficients

Intercept: 0
 Slope: 0.6125

Error Coefficients

Relative Standard Deviation: 10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.734098	50.0	2220344.0	0.734098	Y
2	IC 410-710355/13	4.0	2.564135	50.0	2465042.0	0.641034	Y
3	IC 410-710355/14	10.0	6.133888	50.0	3258431.0	0.613389	Y
4	IC 410-710355/15	20.0	10.932926	50.0	2207881.0	0.546646	Y
5	ICIS 410-710355/16	50.0	29.525285	50.0	2616813.0	0.590506	Y
6	IC 410-710355/17	100.0	61.377673	50.0	2663229.0	0.613777	Y
7	IC 410-710355/18	300.0	164.511349	50.0	2904606.0	0.548371	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

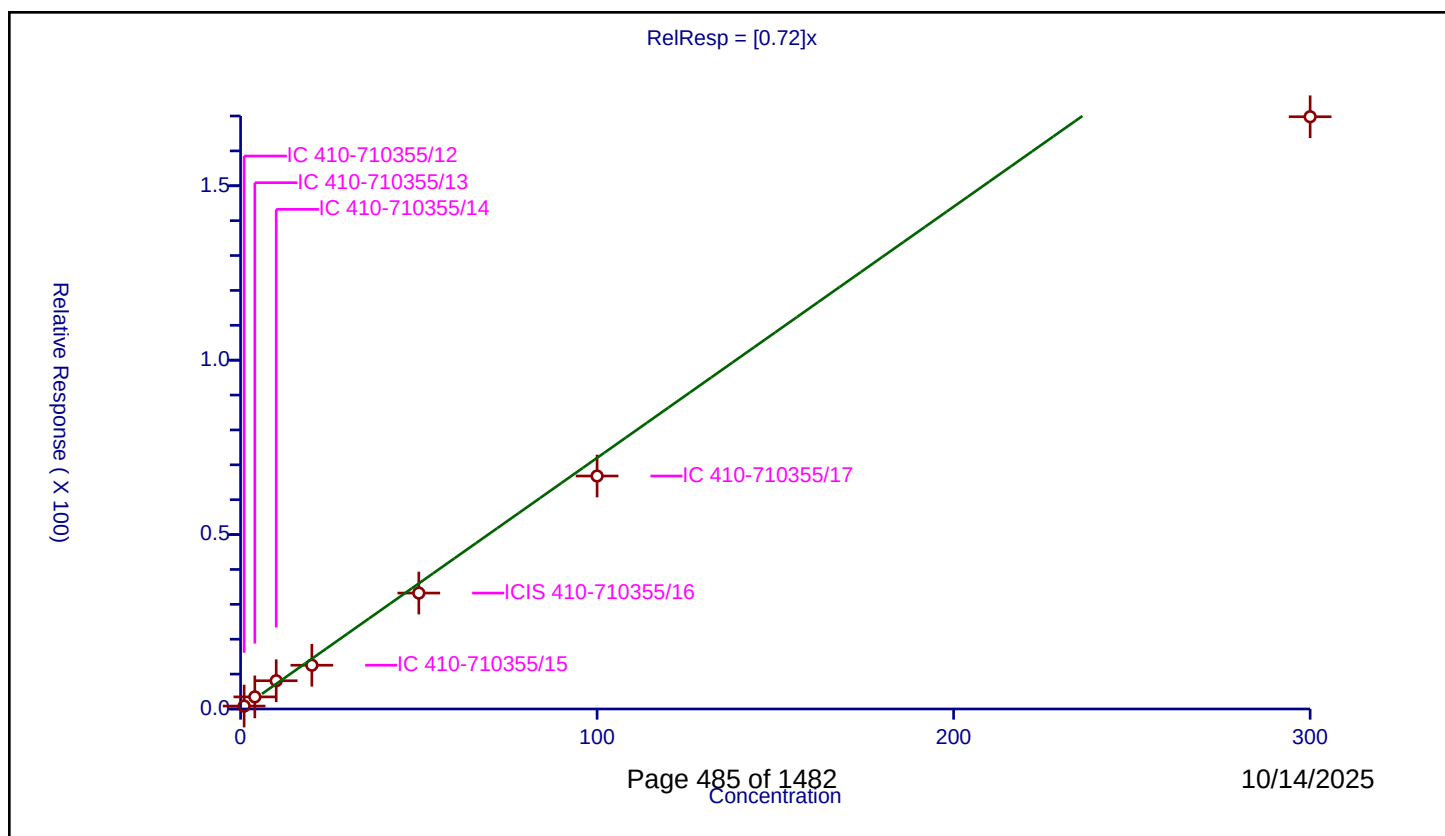
Curve Coefficients

Intercept: 0
Slope: 0.72

Error Coefficients

Relative Standard Deviation: 16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.836379	50.0	2220344.0	0.836379	Y
2	IC 410-710355/13	4.0	3.470347	50.0	2465042.0	0.867587	Y
3	IC 410-710355/14	10.0	8.096872	50.0	3258431.0	0.809687	Y
4	IC 410-710355/15	20.0	12.552647	50.0	2207881.0	0.627632	Y
5	ICIS 410-710355/16	50.0	33.233766	50.0	2616813.0	0.664675	Y
6	IC 410-710355/17	100.0	66.79435	50.0	2663229.0	0.667944	Y
7	IC 410-710355/18	300.0	169.790877	50.0	2904606.0	0.56597	Y



Calibration

/ Bromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

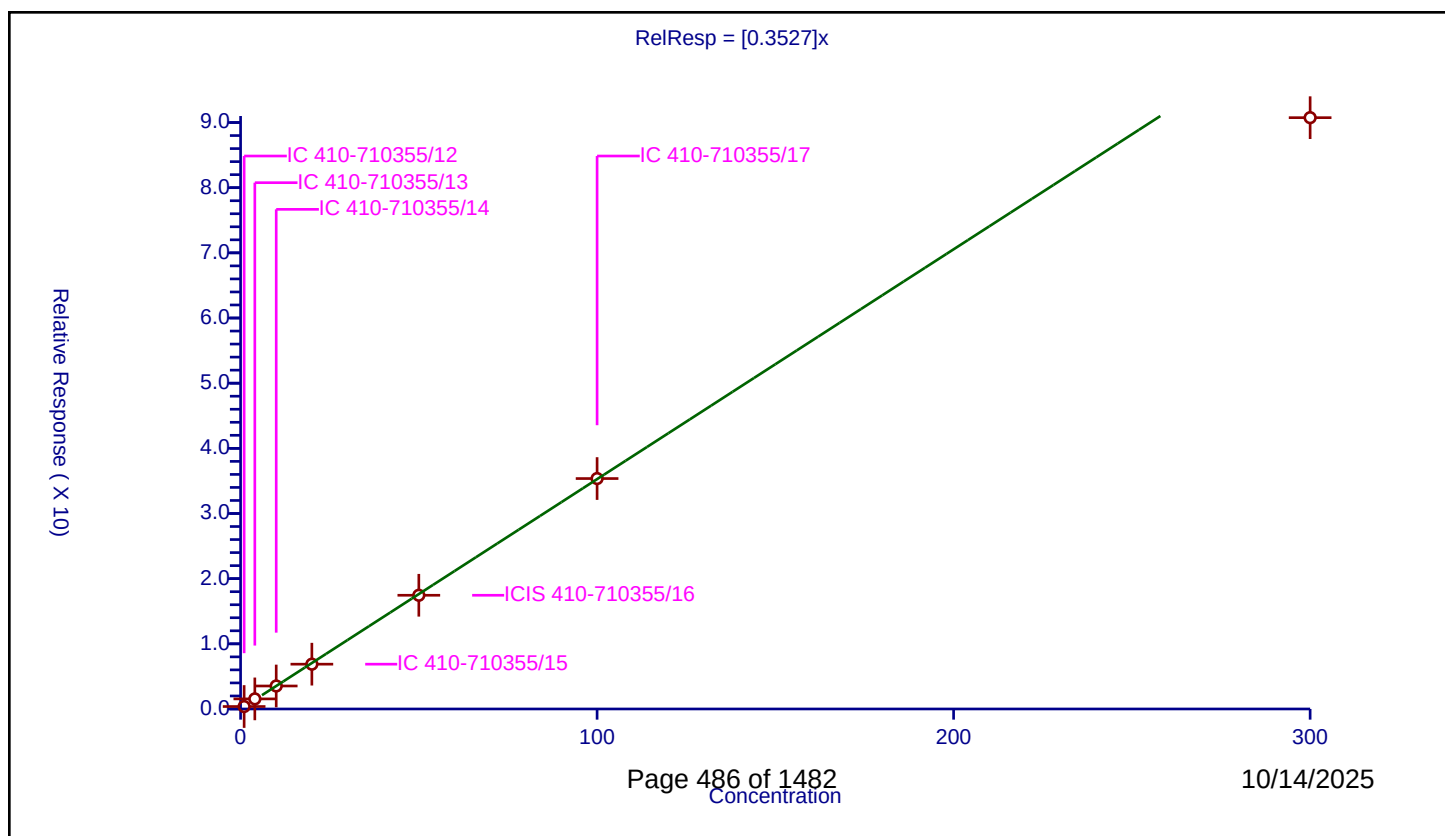
Curve Coefficients

Intercept: 0
Slope: 0.3527

Error Coefficients

Relative Standard Deviation: 7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.380054	50.0	2220344.0	0.380054	Y
2	IC 410-710355/13	4.0	1.547702	50.0	2465042.0	0.386925	Y
3	IC 410-710355/14	10.0	3.529981	50.0	3258431.0	0.352998	Y
4	IC 410-710355/15	20.0	6.87648	50.0	2207881.0	0.343824	Y
5	ICIS 410-710355/16	50.0	17.453387	50.0	2616813.0	0.349068	Y
6	IC 410-710355/17	100.0	35.364965	50.0	2663229.0	0.35365	Y
7	IC 410-710355/18	300.0	90.746232	50.0	2904606.0	0.302487	Y



Calibration

/ Chloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

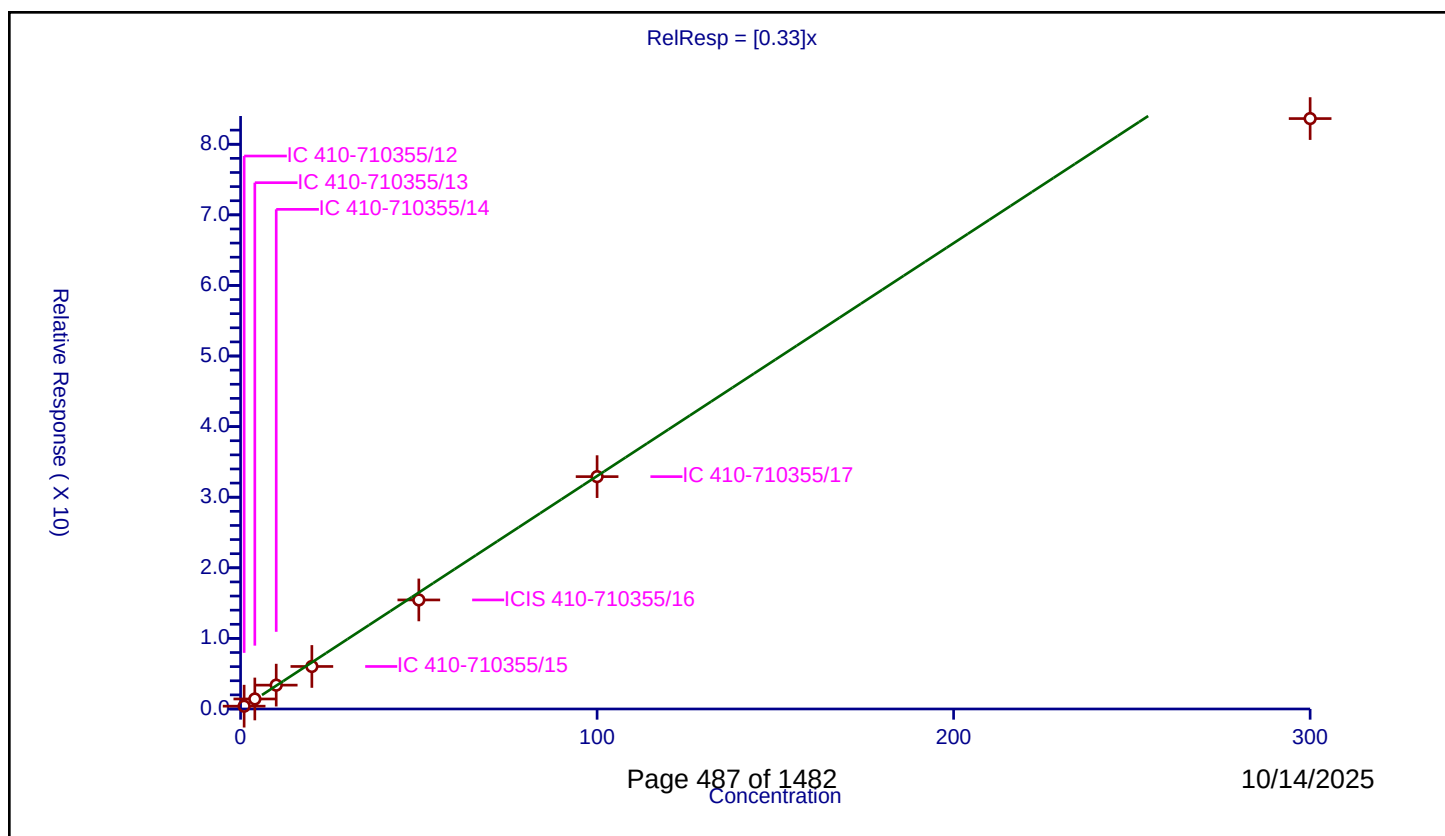
Curve Coefficients

Intercept: 0
Slope: 0.33

Error Coefficients

Relative Standard Deviation: 12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.399105	50.0	2220344.0	0.399105	Y
2	IC 410-710355/13	4.0	1.418495	50.0	2465042.0	0.354624	Y
3	IC 410-710355/14	10.0	3.377791	50.0	3258431.0	0.337779	Y
4	IC 410-710355/15	20.0	6.024736	50.0	2207881.0	0.301237	Y
5	ICIS 410-710355/16	50.0	15.449232	50.0	2616813.0	0.308985	Y
6	IC 410-710355/17	100.0	32.91634	50.0	2663229.0	0.329163	Y
7	IC 410-710355/18	300.0	83.63649	50.0	2904606.0	0.278788	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

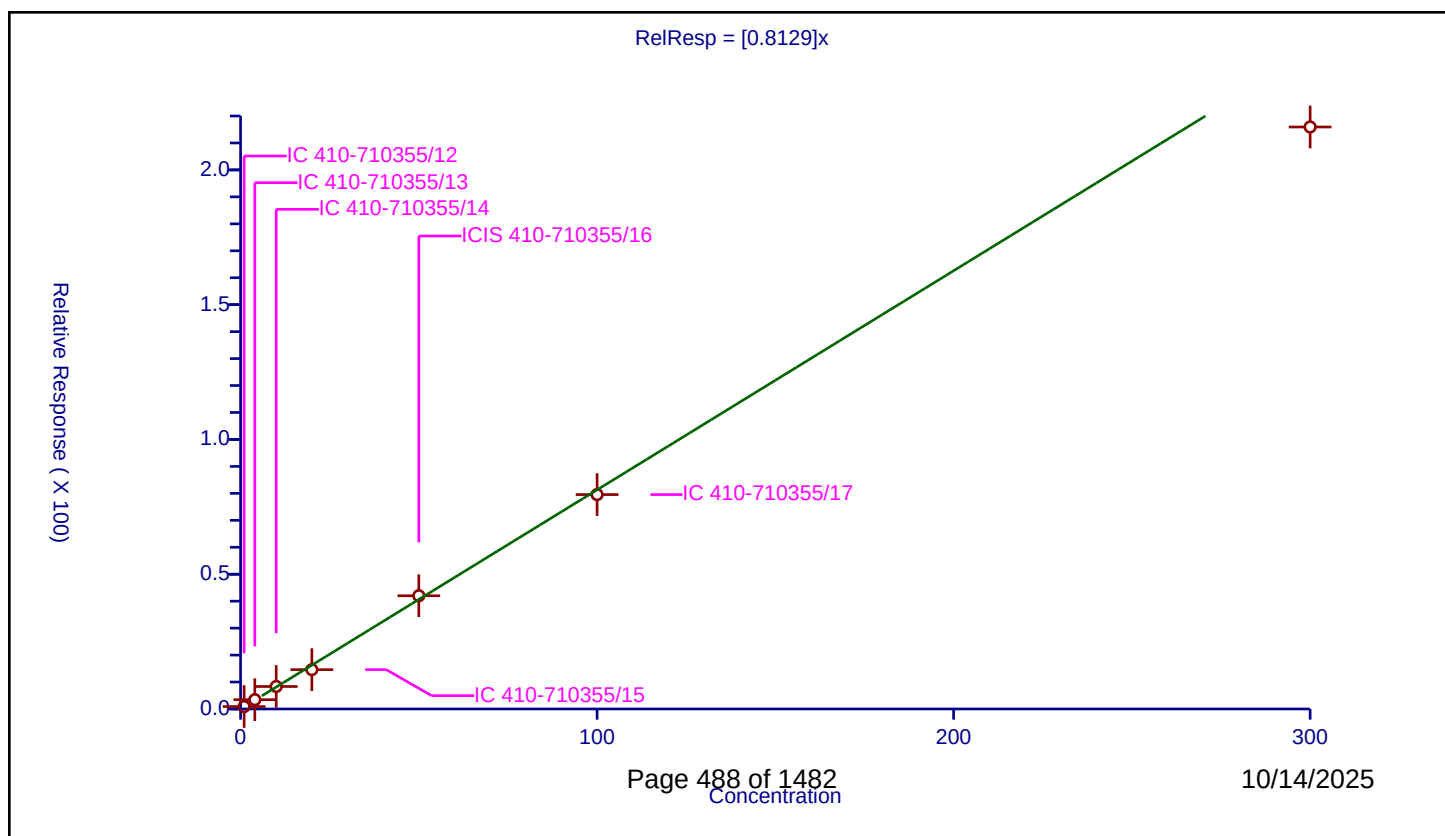
Curve Coefficients

Intercept: 0
Slope: 0.8129

Error Coefficients

Relative Standard Deviation: 8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.909386	50.0	2220344.0	0.909386	Y
2	IC 410-710355/13	4.0	3.445033	50.0	2465042.0	0.861258	Y
3	IC 410-710355/14	10.0	8.346763	50.0	3258431.0	0.834676	Y
4	IC 410-710355/15	20.0	14.596394	50.0	2207881.0	0.72982	Y
5	ICIS 410-710355/16	50.0	42.011007	50.0	2616813.0	0.84022	Y
6	IC 410-710355/17	100.0	79.546671	50.0	2663229.0	0.795467	Y
7	IC 410-710355/18	300.0	215.925069	50.0	2904606.0	0.71975	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

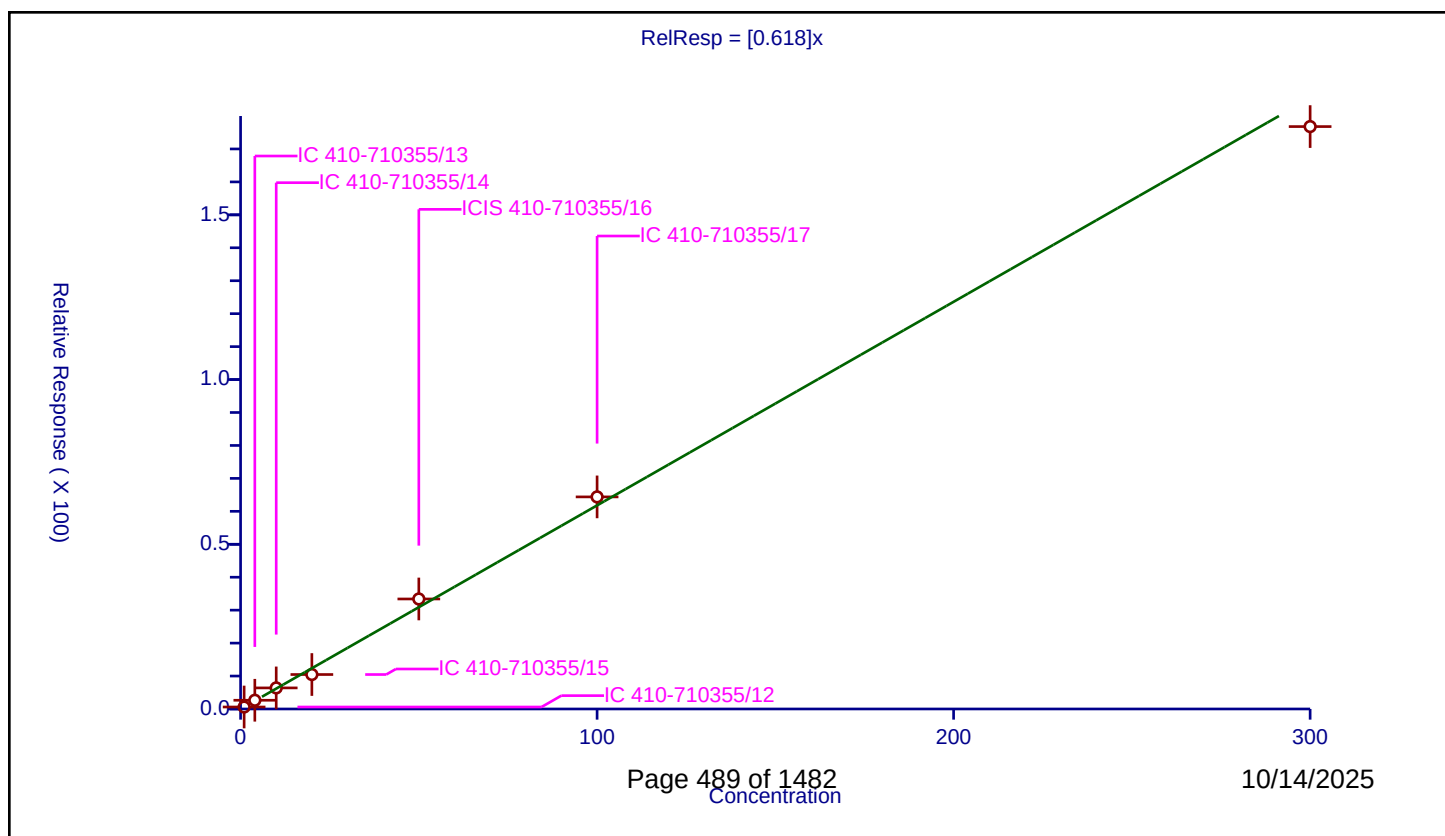
Curve Coefficients

Intercept: 0
Slope: 0.618

Error Coefficients

Relative Standard Deviation: 8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.600222	50.0	2220344.0	0.600222	Y
2	IC 410-710355/13	4.0	2.648393	50.0	2465042.0	0.662098	Y
3	IC 410-710355/14	10.0	6.398463	50.0	3258431.0	0.639846	Y
4	IC 410-710355/15	20.0	10.459916	50.0	2207881.0	0.522996	Y
5	ICIS 410-710355/16	50.0	33.391992	50.0	2616813.0	0.66784	Y
6	IC 410-710355/17	100.0	64.38087	50.0	2663229.0	0.643809	Y
7	IC 410-710355/18	300.0	176.795269	50.0	2904606.0	0.589318	Y



Calibration

/ Pentane

Curve Type: Linear
Weighting: None
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

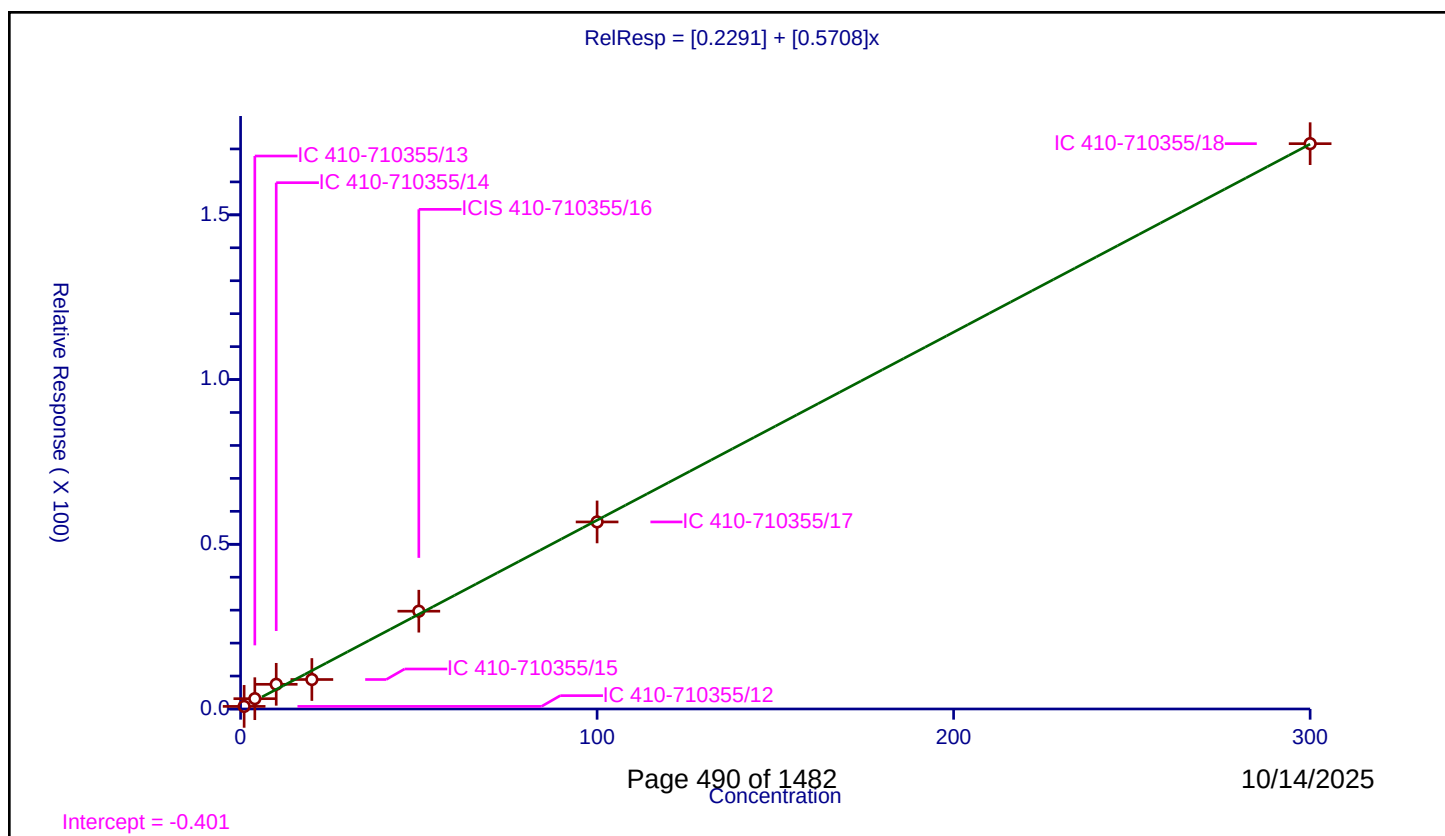
Curve Coefficients

Intercept: 0.2291
Slope: 0.5708

Error Coefficients

Relative Standard Deviation: 20.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.7899	50.0	2220344.0	0.7899	Y
2	IC 410-710355/13	4.0	3.129642	50.0	2465042.0	0.782411	Y
3	IC 410-710355/14	10.0	7.493254	50.0	3258431.0	0.749325	Y
4	IC 410-710355/15	20.0	8.945523	50.0	2207881.0	0.447276	Y
5	ICIS 410-710355/16	50.0	29.686646	50.0	2616813.0	0.593733	Y
6	IC 410-710355/17	100.0	56.783758	50.0	2663229.0	0.567838	Y
7	IC 410-710355/18	300.0	171.60713	50.0	2904606.0	0.572024	Y



Calibration

/ Ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

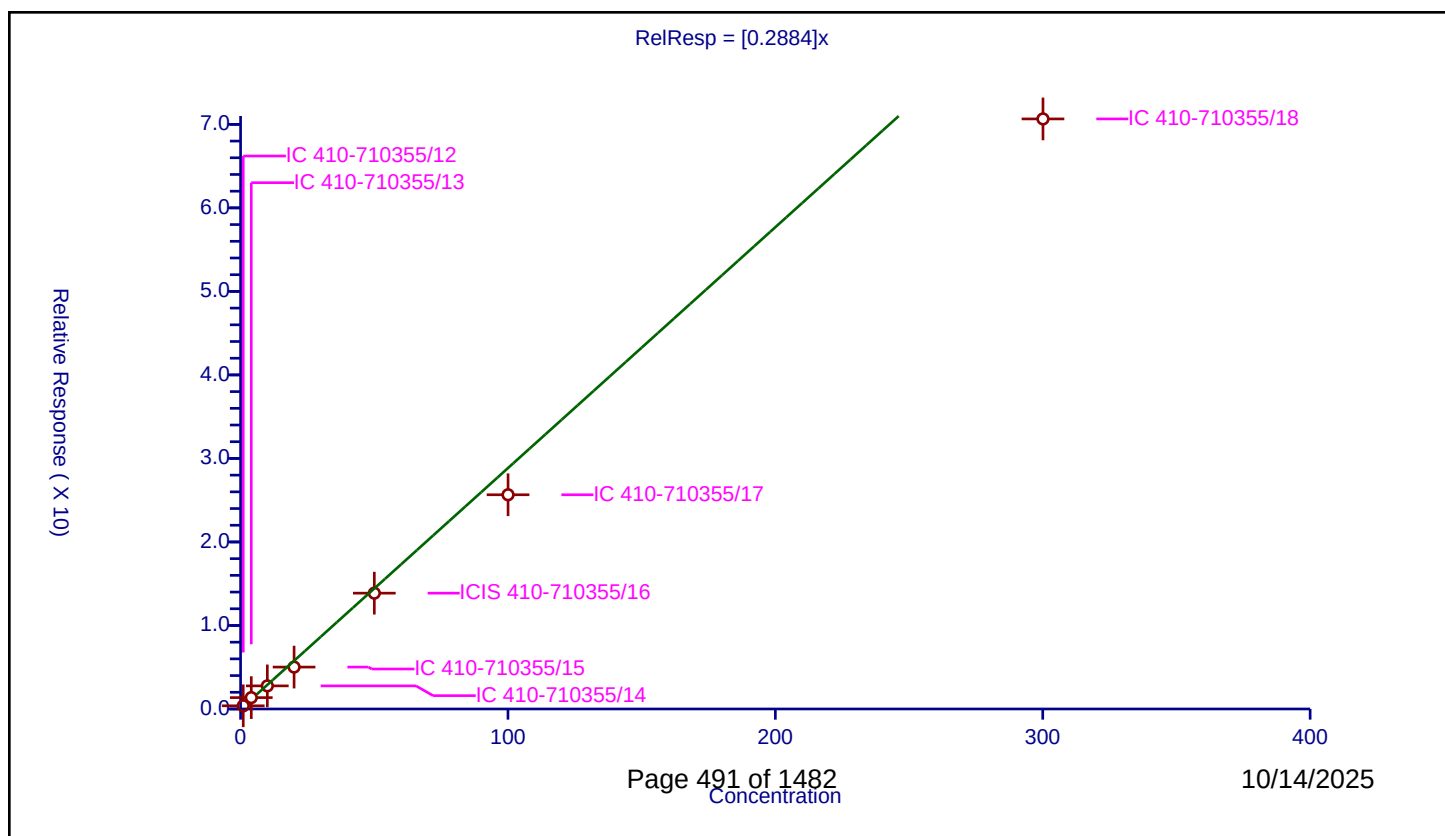
Curve Coefficients

Intercept: 0
Slope: 0.2884

Error Coefficients

Relative Standard Deviation: 18.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.000332	0.382238	50.0	2220344.0	0.382111	Y
2	IC 410-710355/13	4.001328	1.362512	50.0	2465042.0	0.340515	Y
3	IC 410-710355/14	10.00332	2.766025	50.0	3258431.0	0.276511	Y
4	IC 410-710355/15	20.00664	5.016937	50.0	2207881.0	0.250764	Y
5	ICIS 410-710355/16	50.0166	13.870059	50.0	2616813.0	0.277309	Y
6	IC 410-710355/17	100.0332	25.650592	50.0	2663229.0	0.256421	Y
7	IC 410-710355/18	300.0996	70.650598	50.0	2904606.0	0.235424	Y



Calibration

/ 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

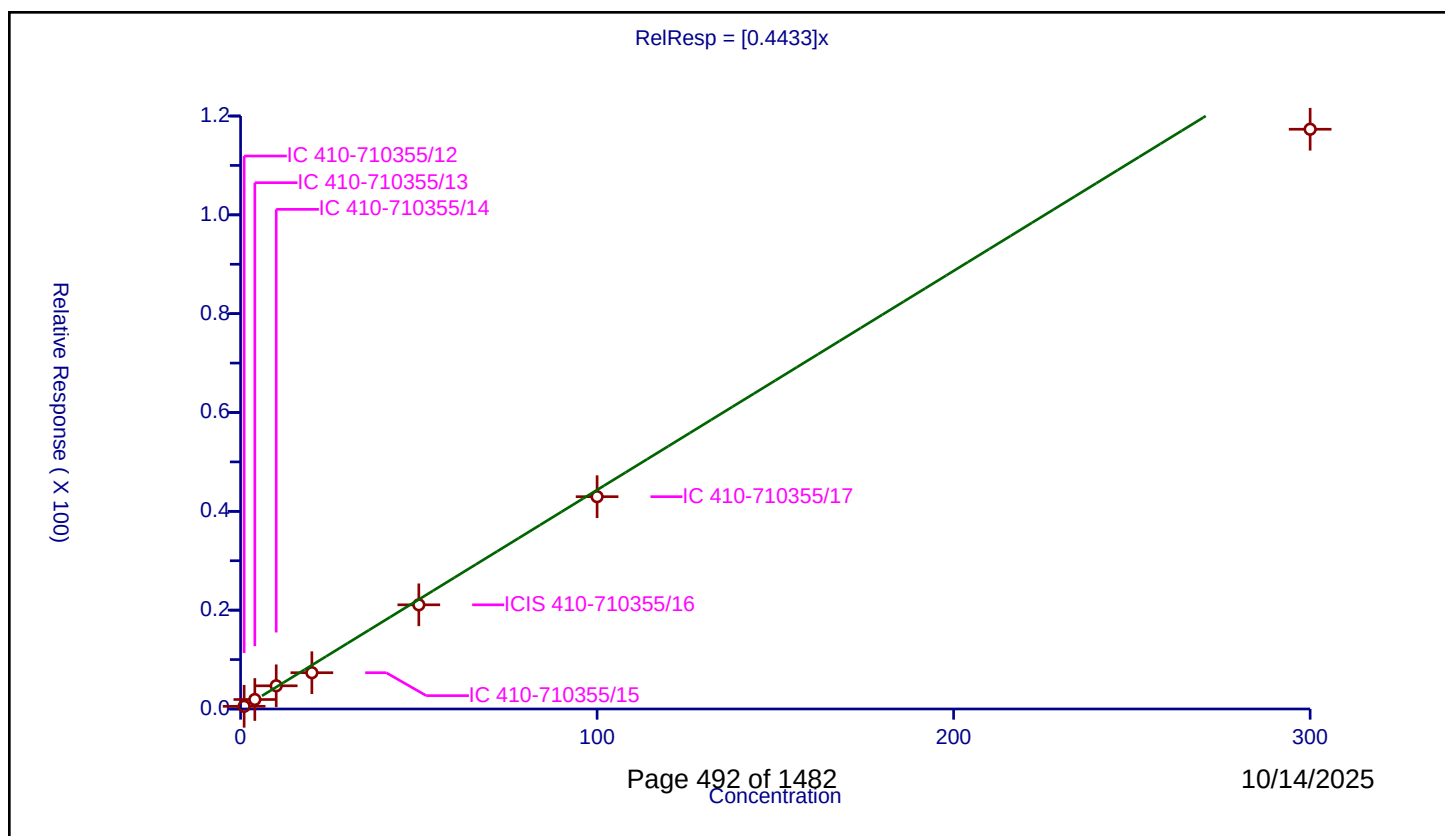
Curve Coefficients

Intercept: 0
Slope: 0.4433

Error Coefficients

Relative Standard Deviation: 13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.54442	50.0	2220344.0	0.54442	Y
2	IC 410-710355/13	4.0	1.918791	50.0	2465042.0	0.479698	Y
3	IC 410-710355/14	10.0	4.694499	50.0	3258431.0	0.46945	Y
4	IC 410-710355/15	20.0	7.339458	50.0	2207881.0	0.366973	Y
5	ICIS 410-710355/16	50.0	21.079401	50.0	2616813.0	0.421588	Y
6	IC 410-710355/17	100.0	42.962415	50.0	2663229.0	0.429624	Y
7	IC 410-710355/18	300.0	117.324949	50.0	2904606.0	0.391083	Y



Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

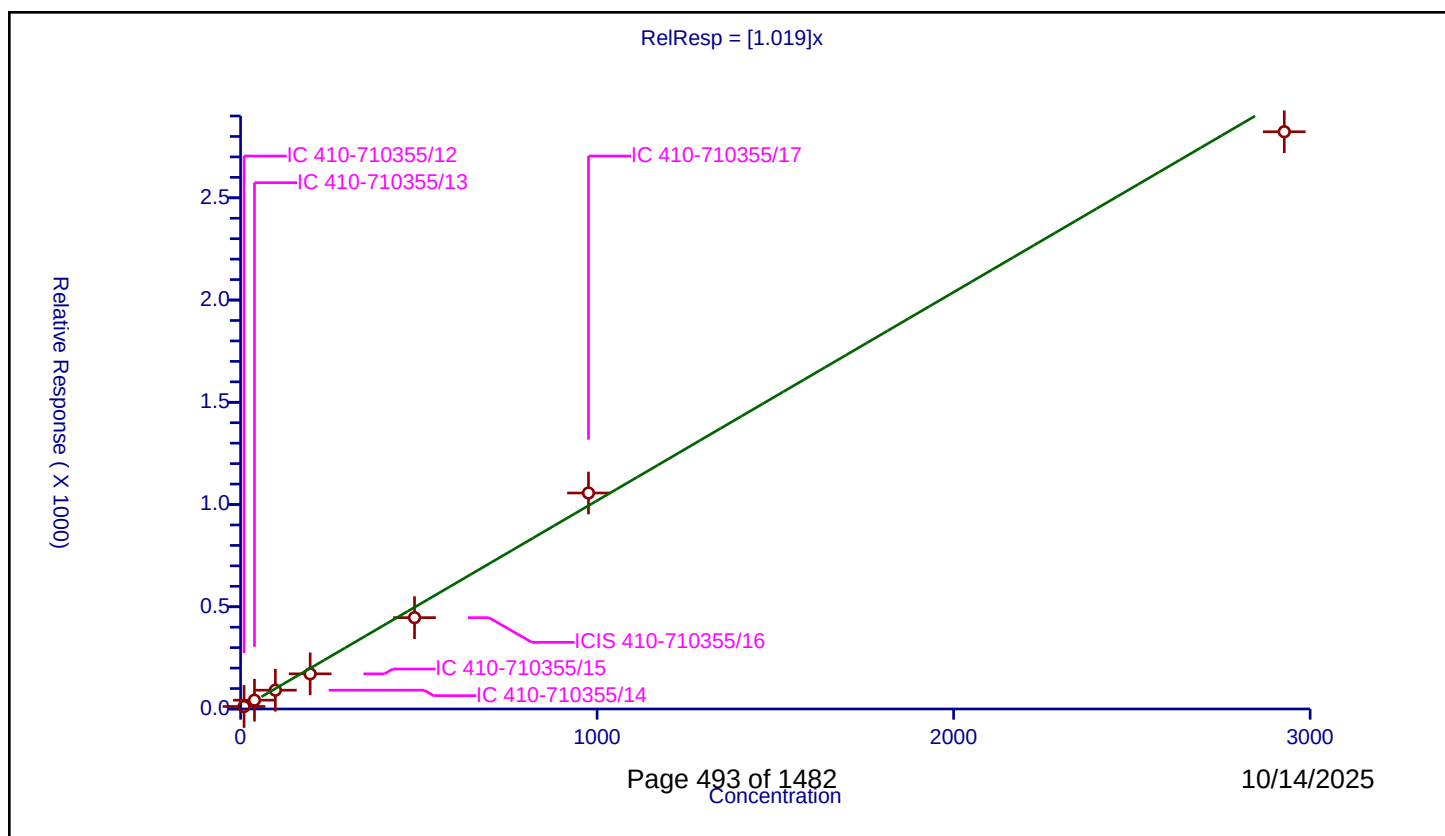
Curve Coefficients

Intercept: 0
Slope: 1.019

Error Coefficients

Relative Standard Deviation: 12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	9.758304	12.13044	250.0	1926785.0	1.243089	Y
2	IC 410-710355/13	39.033216	43.143095	250.0	1976081.0	1.105292	Y
3	IC 410-710355/14	97.58304	91.976559	250.0	2740788.0	0.942547	Y
4	IC 410-710355/15	195.16608	171.90235	250.0	1753878.0	0.8808	Y
5	ICIS 410-710355/16	487.9152	446.714306	250.0	2093728.0	0.915557	Y
6	IC 410-710355/17	975.830399	1056.340612	250.0	1943030.0	1.082504	Y
7	IC 410-710355/18	2927.491198	2823.083214	250.0	2125146.0	0.964335	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

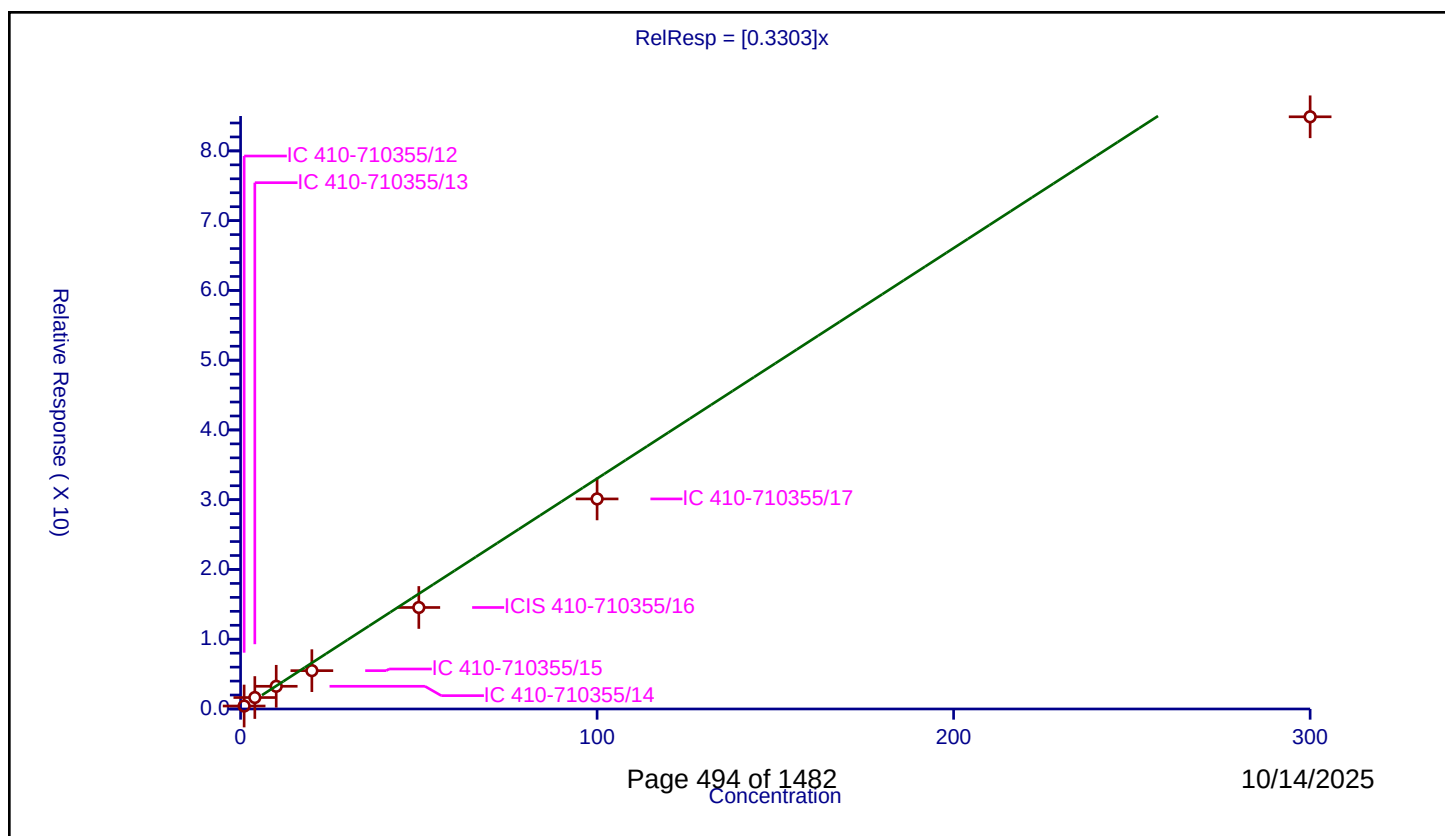
Curve Coefficients

Intercept: 0
Slope: 0.3303

Error Coefficients

Relative Standard Deviation: 18.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.426578	50.0	2220344.0	0.426578	Y
2	IC 410-710355/13	4.0	1.641554	50.0	2465042.0	0.410389	Y
3	IC 410-710355/14	10.0	3.253238	50.0	3258431.0	0.325324	Y
4	IC 410-710355/15	20.0	5.49545	50.0	2207881.0	0.274773	Y
5	ICIS 410-710355/16	50.0	14.549244	50.0	2616813.0	0.290985	Y
6	IC 410-710355/17	100.0	30.112732	50.0	2663229.0	0.301127	Y
7	IC 410-710355/18	300.0	84.890154	50.0	2904606.0	0.282967	Y



Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

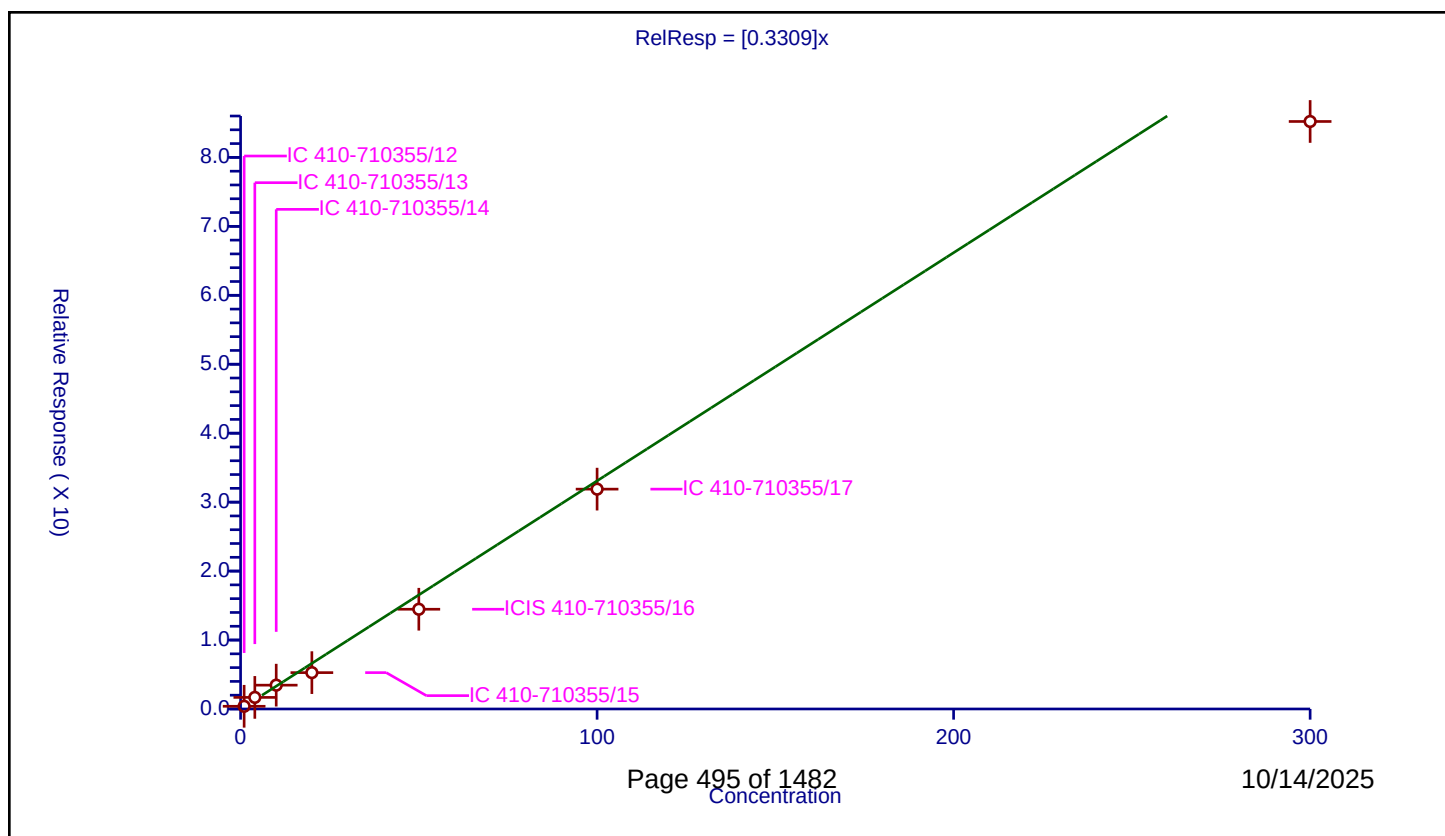
Curve Coefficients

Intercept: 0
Slope: 0.3309

Error Coefficients

Relative Standard Deviation: 17.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.394286	50.0	2220344.0	0.394286	Y
2	IC 410-710355/13	4.0	1.680742	50.0	2465042.0	0.420186	Y
3	IC 410-710355/14	10.0	3.45694	50.0	3258431.0	0.345694	Y
4	IC 410-710355/15	20.0	5.274469	50.0	2207881.0	0.263723	Y
5	ICIS 410-710355/16	50.0	14.466529	50.0	2616813.0	0.289331	Y
6	IC 410-710355/17	100.0	31.886631	50.0	2663229.0	0.318866	Y
7	IC 410-710355/18	300.0	85.206995	50.0	2904606.0	0.284023	Y



Calibration

/ Acetone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

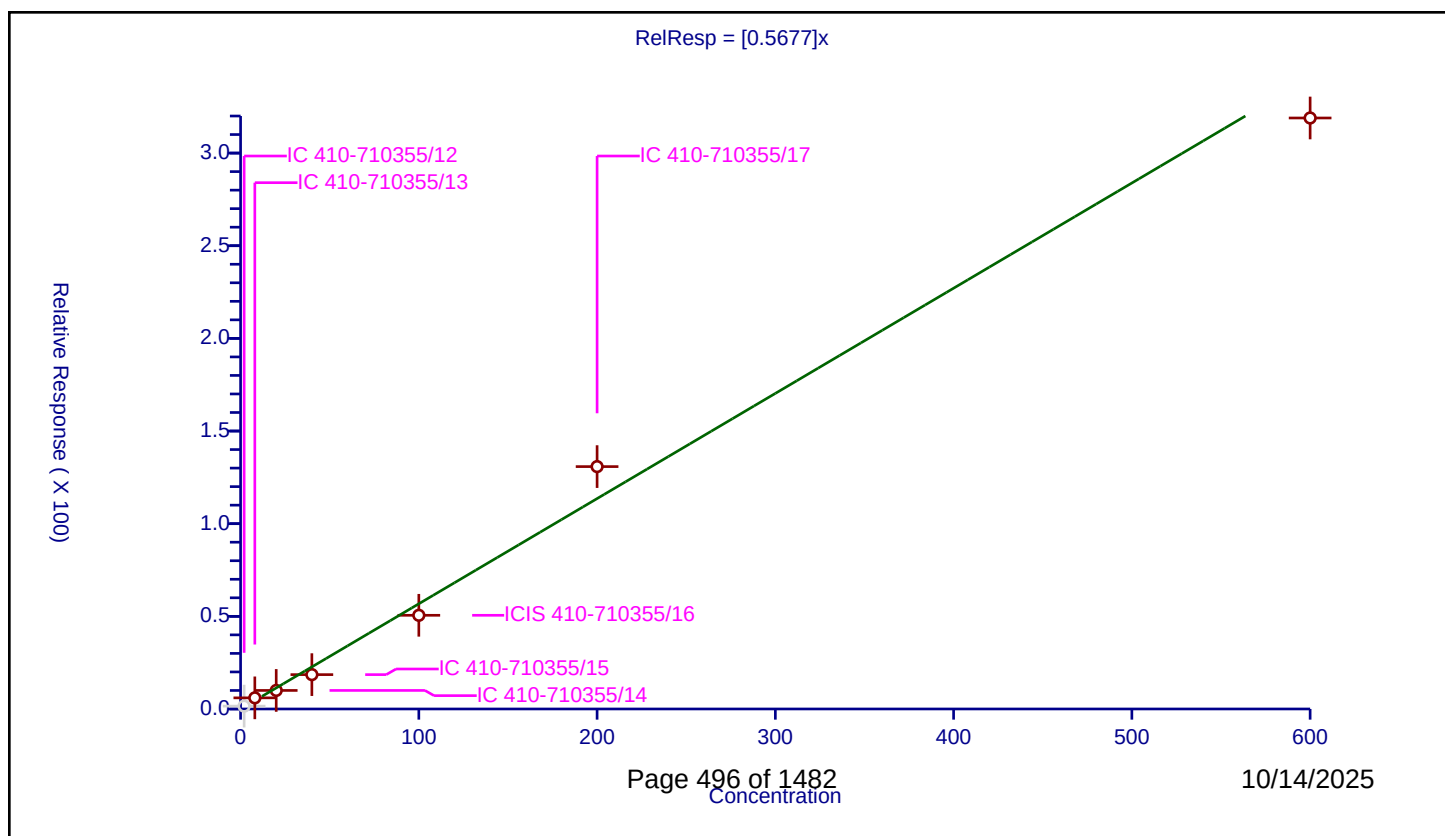
Curve Coefficients

Intercept: 0
Slope: 0.5677

Error Coefficients

Relative Standard Deviation: 19.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	2.0	1.548175	250.0	1926785.0	0.774087	N
2	IC 410-710355/13	8.0	6.005574	250.0	1976081.0	0.750697	Y
3	IC 410-710355/14	20.0	10.013635	250.0	2740788.0	0.500682	Y
4	IC 410-710355/15	40.0	18.543337	250.0	1753878.0	0.463583	Y
5	ICIS 410-710355/16	100.0	50.557188	250.0	2093728.0	0.505572	Y
6	IC 410-710355/17	200.0	130.803565	250.0	1943030.0	0.654018	Y
7	IC 410-710355/18	600.0	318.93844	250.0	2125146.0	0.531564	Y



Calibration

/ Iodomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

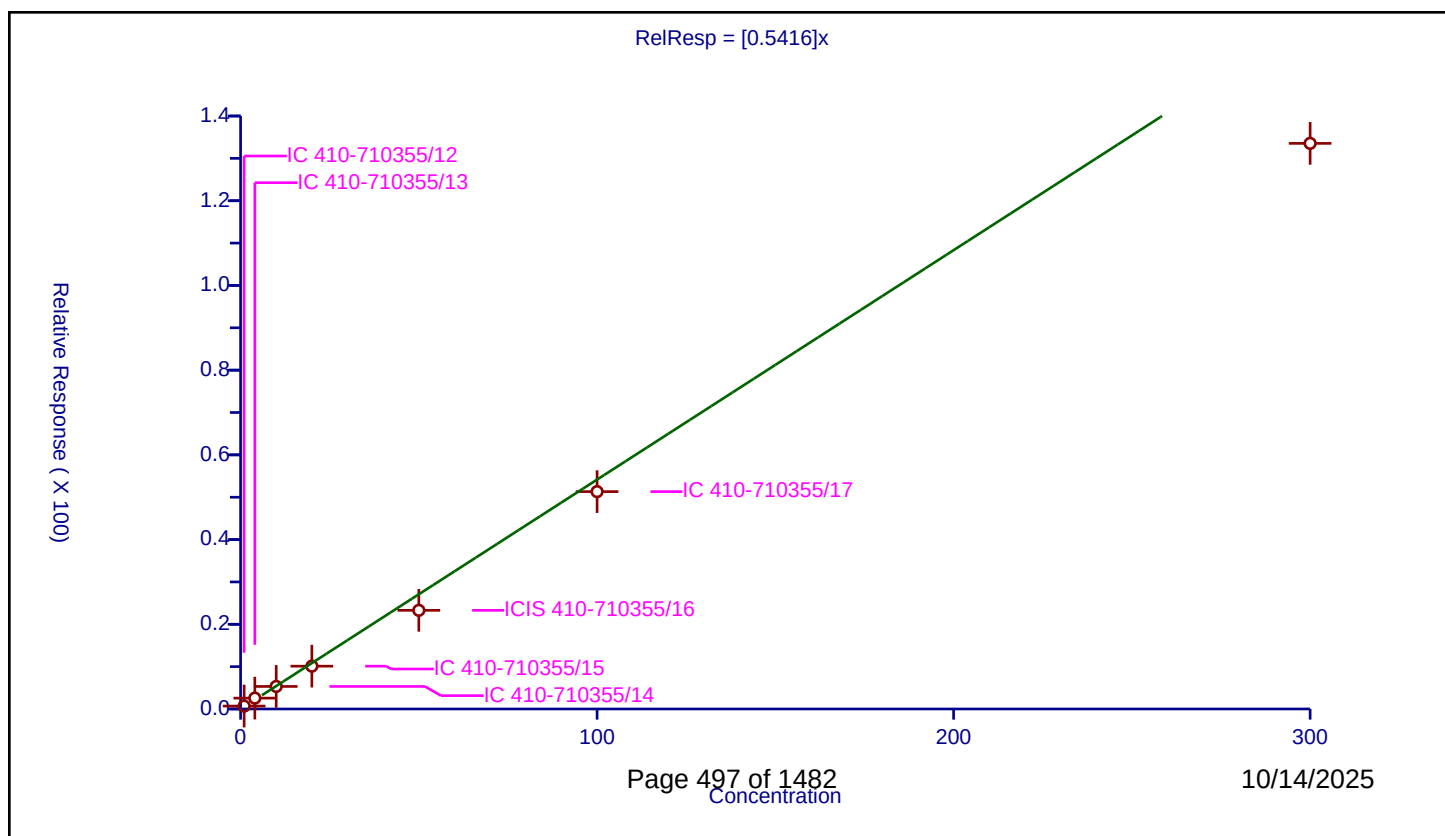
Curve Coefficients

Intercept: 0
Slope: 0.5416

Error Coefficients

Relative Standard Deviation: 16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.687821	50.0	2220344.0	0.687821	Y
2	IC 410-710355/13	4.0	2.565697	50.0	2465042.0	0.641424	Y
3	IC 410-710355/14	10.0	5.324019	50.0	3258431.0	0.532402	Y
4	IC 410-710355/15	20.0	10.108697	50.0	2207881.0	0.505435	Y
5	ICIS 410-710355/16	50.0	23.292646	50.0	2616813.0	0.465853	Y
6	IC 410-710355/17	100.0	51.323994	50.0	2663229.0	0.51324	Y
7	IC 410-710355/18	300.0	133.543	50.0	2904606.0	0.445143	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

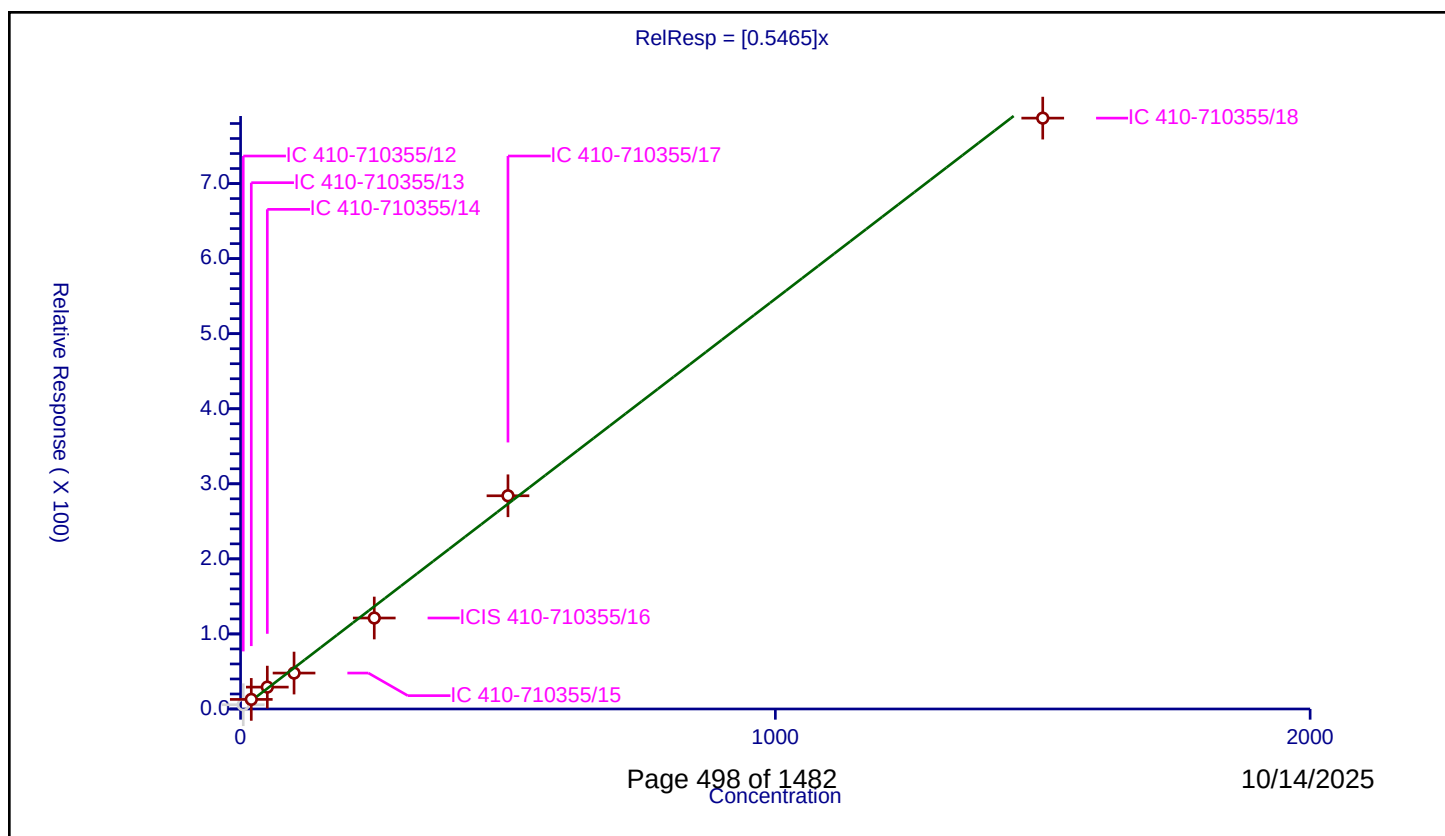
Curve Coefficients

Intercept: 0
Slope: 0.5465

Error Coefficients

Relative Standard Deviation: 11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	5.0	5.670326	250.0	1926785.0	1.134065	N
2	IC 410-710355/13	20.0	12.782877	250.0	1976081.0	0.639144	Y
3	IC 410-710355/14	50.0	29.16424	250.0	2740788.0	0.583285	Y
4	IC 410-710355/15	100.0	47.856379	250.0	1753878.0	0.478564	Y
5	ICIS 410-710355/16	250.0	121.215602	250.0	2093728.0	0.484862	Y
6	IC 410-710355/17	500.0	284.048368	250.0	1943030.0	0.568097	Y
7	IC 410-710355/18	1500.0	787.178034	250.0	2125146.0	0.524785	Y



Calibration

/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

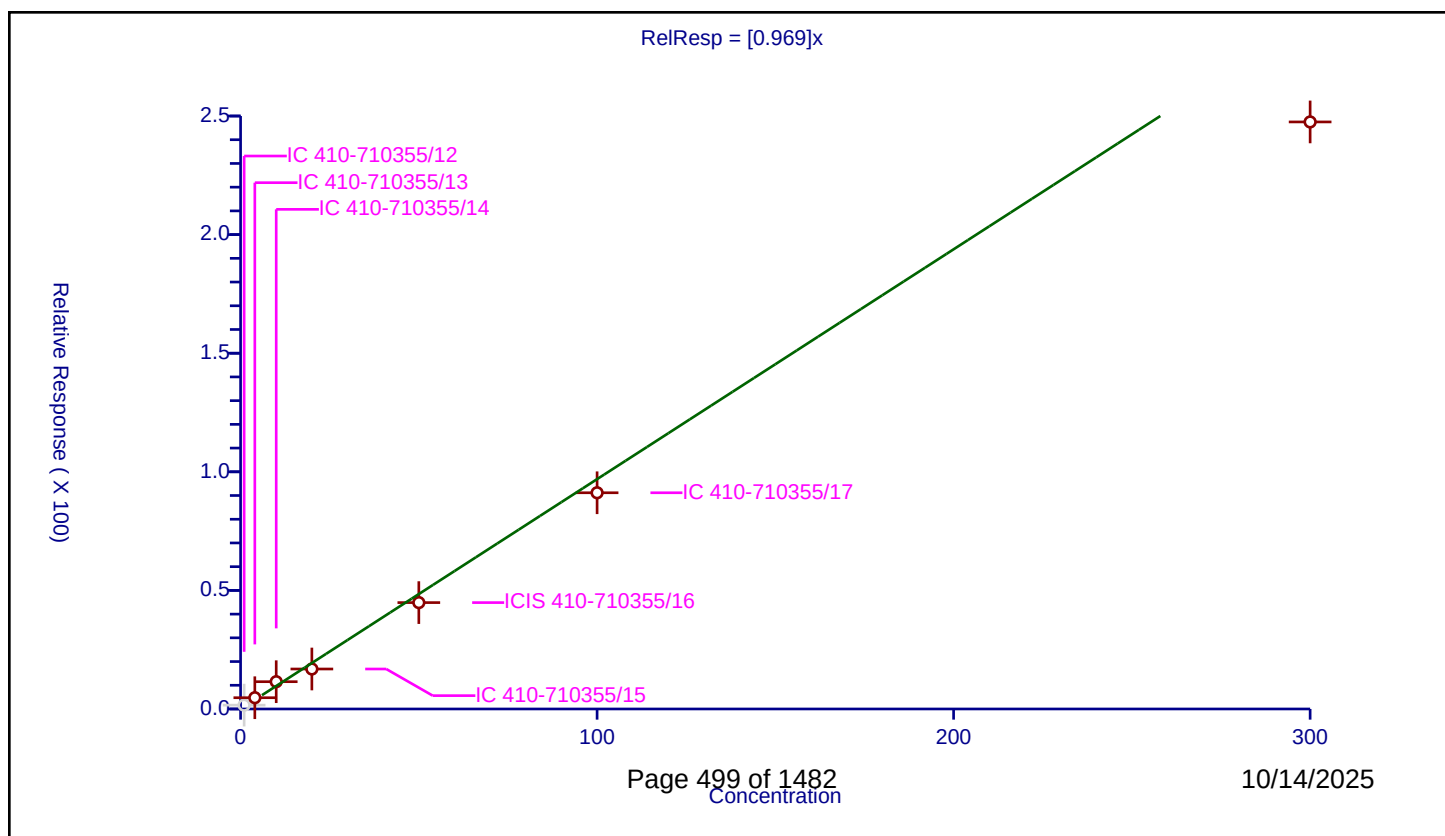
Curve Coefficients

Intercept: 0
 Slope: 0.969

Error Coefficients

Relative Standard Deviation: 16.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.626257	50.0	2220344.0	1.626257	N
2	IC 410-710355/13	4.0	4.746572	50.0	2465042.0	1.186643	Y
3	IC 410-710355/14	10.0	11.508008	50.0	3258431.0	1.150801	Y
4	IC 410-710355/15	20.0	16.861869	50.0	2207881.0	0.843093	Y
5	ICIS 410-710355/16	50.0	44.850339	50.0	2616813.0	0.897007	Y
6	IC 410-710355/17	100.0	91.163302	50.0	2663229.0	0.911633	Y
7	IC 410-710355/18	300.0	247.505583	50.0	2904606.0	0.825019	Y



Calibration

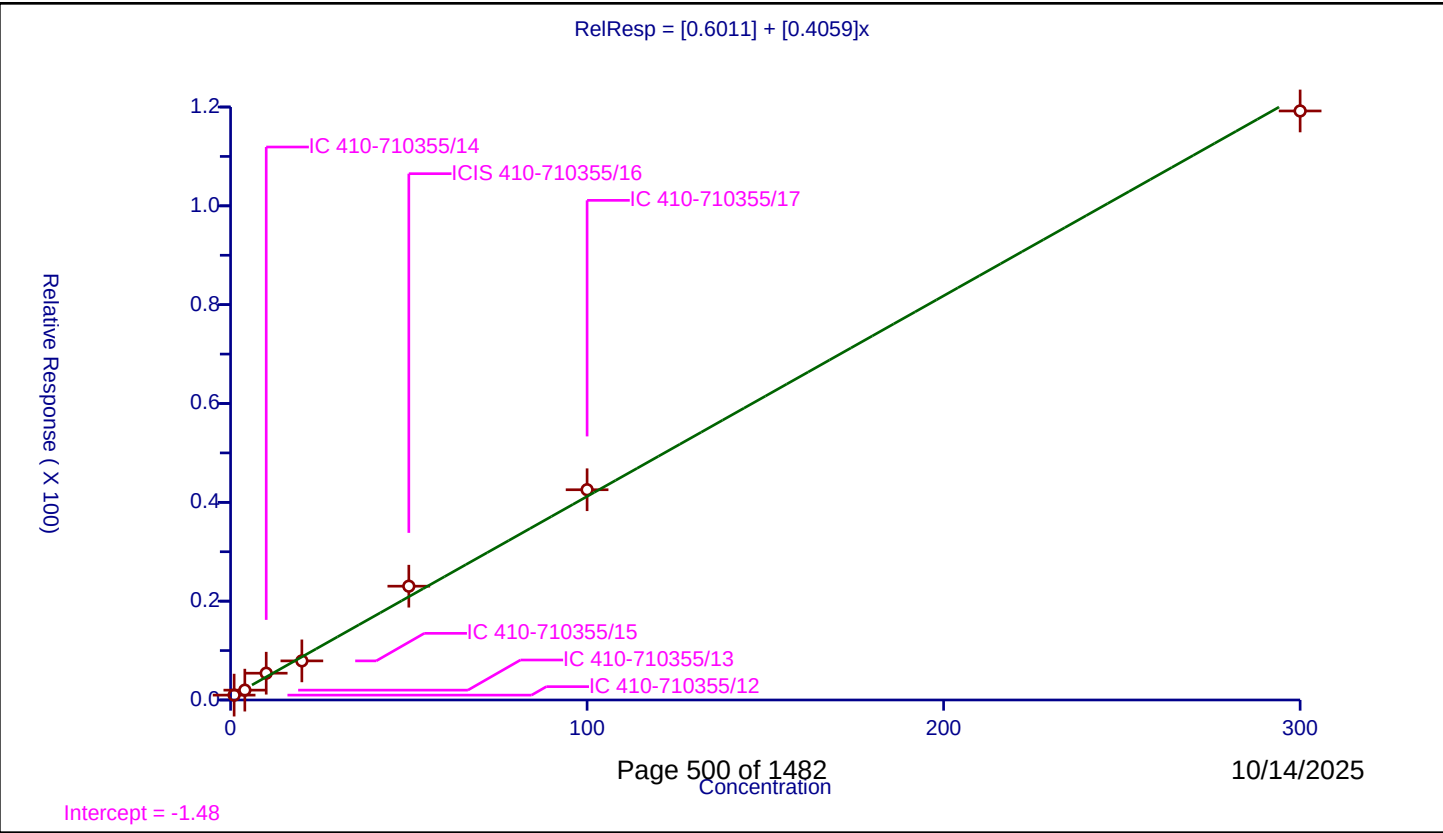
/ Methyl acetate

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0.6011
Slope:	0.4059
Error Coefficients	

Relative Standard Deviation: 12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.983631	50.0	2220344.0	0.983631	Y
2	IC 410-710355/13	4.0	1.994368	50.0	2465042.0	0.498592	Y
3	IC 410-710355/14	10.0	5.418144	50.0	3258431.0	0.541814	Y
4	IC 410-710355/15	20.0	7.913787	50.0	2207881.0	0.395689	Y
5	ICIS 410-710355/16	50.0	23.029731	50.0	2616813.0	0.460595	Y
6	IC 410-710355/17	100.0	42.55019	50.0	2663229.0	0.425502	Y
7	IC 410-710355/18	300.0	119.202467	50.0	2904606.0	0.397342	Y



Calibration

/ 3-Chloro-1-propene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

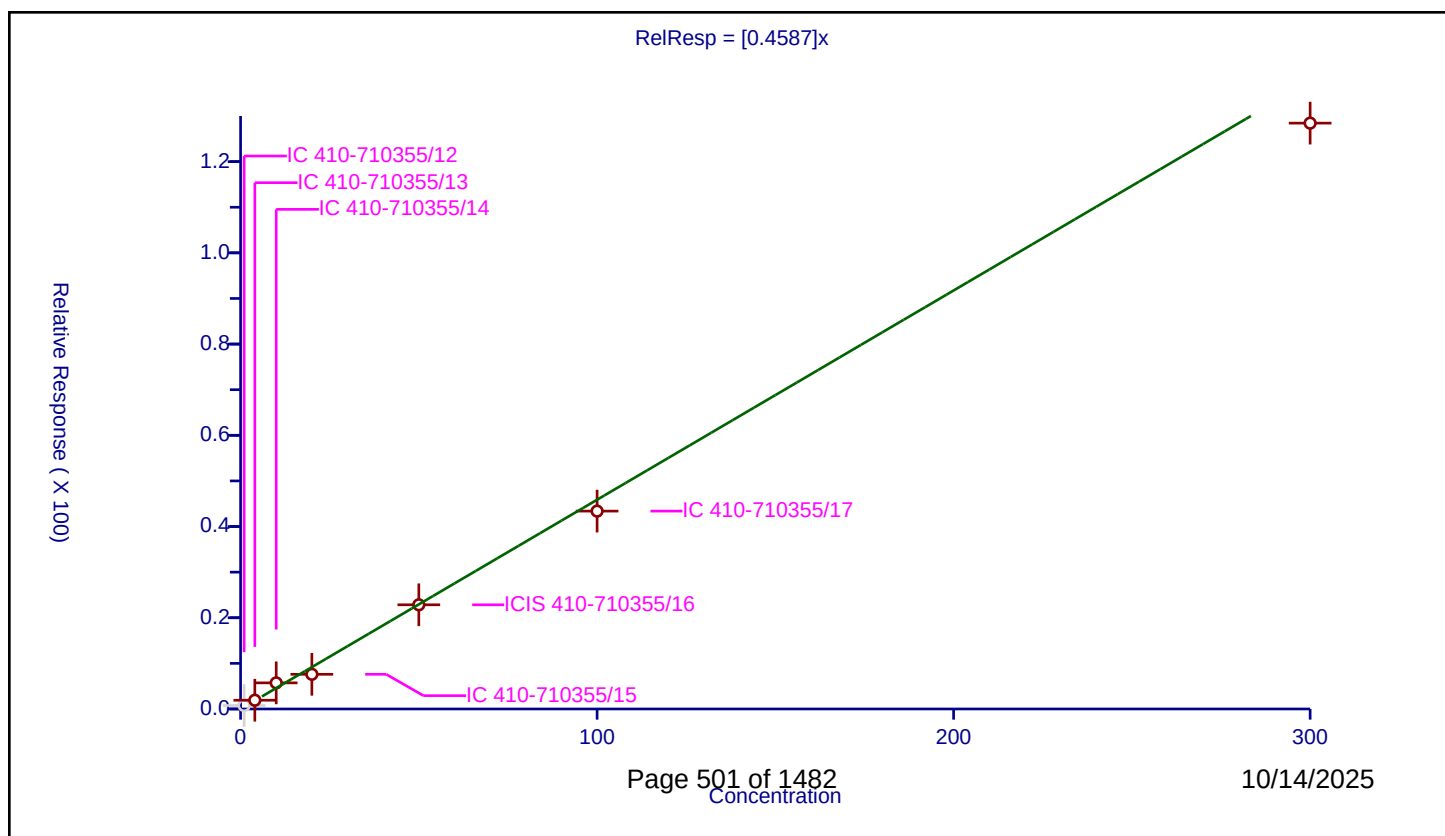
Curve Coefficients

Intercept: 0
Slope: 0.4587

Error Coefficients

Relative Standard Deviation: 14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.760873	50.0	2220344.0	0.760873	N
2	IC 410-710355/13	4.0	1.923334	50.0	2465042.0	0.480834	Y
3	IC 410-710355/14	10.0	5.726621	50.0	3258431.0	0.572662	Y
4	IC 410-710355/15	20.0	7.602991	50.0	2207881.0	0.38015	Y
5	ICIS 410-710355/16	50.0	22.842767	50.0	2616813.0	0.456855	Y
6	IC 410-710355/17	100.0	43.381831	50.0	2663229.0	0.433818	Y
7	IC 410-710355/18	300.0	128.439021	50.0	2904606.0	0.42813	Y



Calibration

/ Methylene Chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

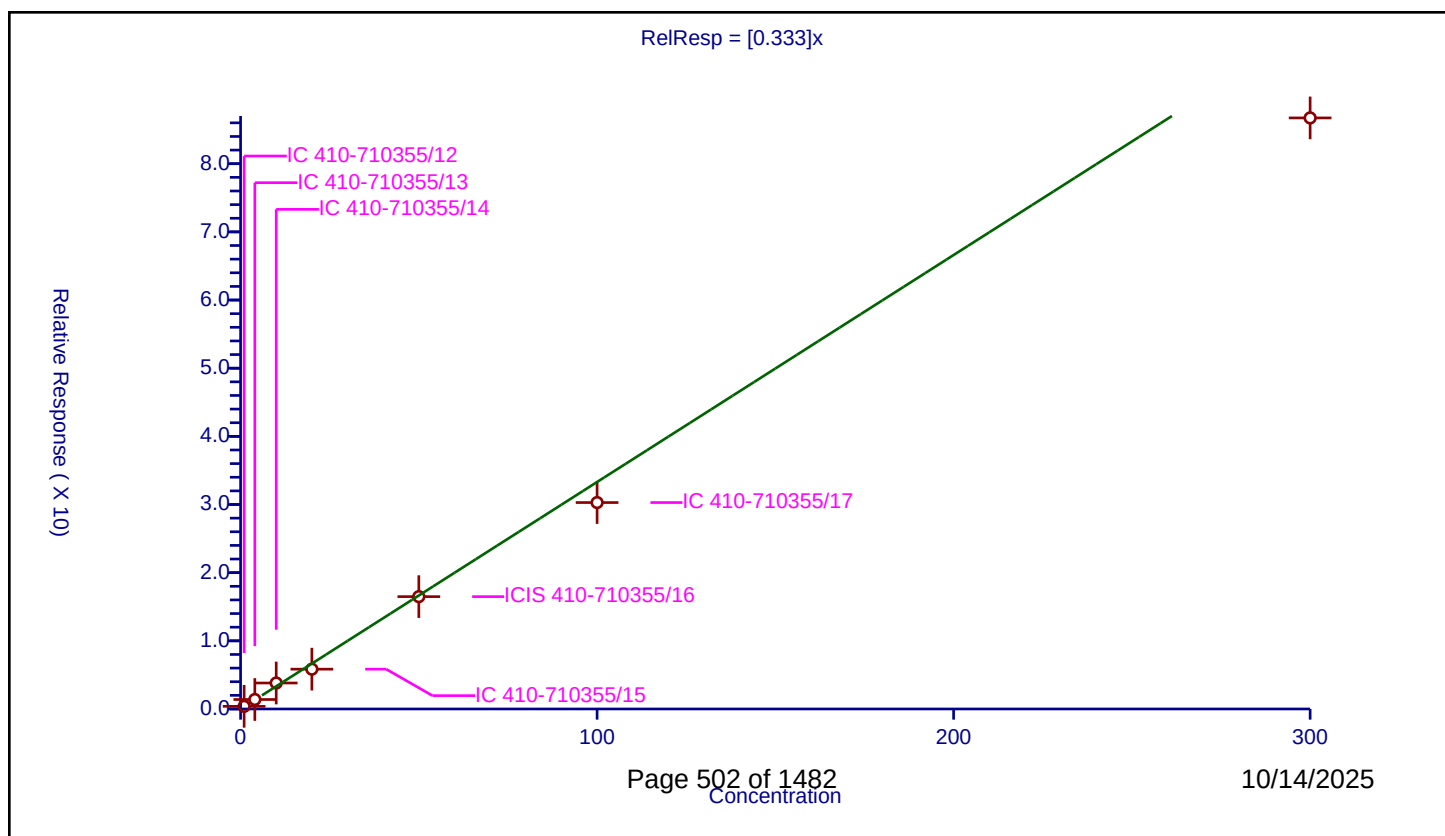
Curve Coefficients

Intercept: 0
Slope: 0.333

Error Coefficients

Relative Standard Deviation: 12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.388476	50.0	2220344.0	0.388476	Y
2	IC 410-710355/13	4.0	1.390544	50.0	2465042.0	0.347636	Y
3	IC 410-710355/14	10.0	3.812141	50.0	3258431.0	0.381214	Y
4	IC 410-710355/15	20.0	5.844178	50.0	2207881.0	0.292209	Y
5	ICIS 410-710355/16	50.0	16.484174	50.0	2616813.0	0.329683	Y
6	IC 410-710355/17	100.0	30.286675	50.0	2663229.0	0.302867	Y
7	IC 410-710355/18	300.0	86.720781	50.0	2904606.0	0.289069	Y



Calibration

/ 2-Methyl-2-propanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

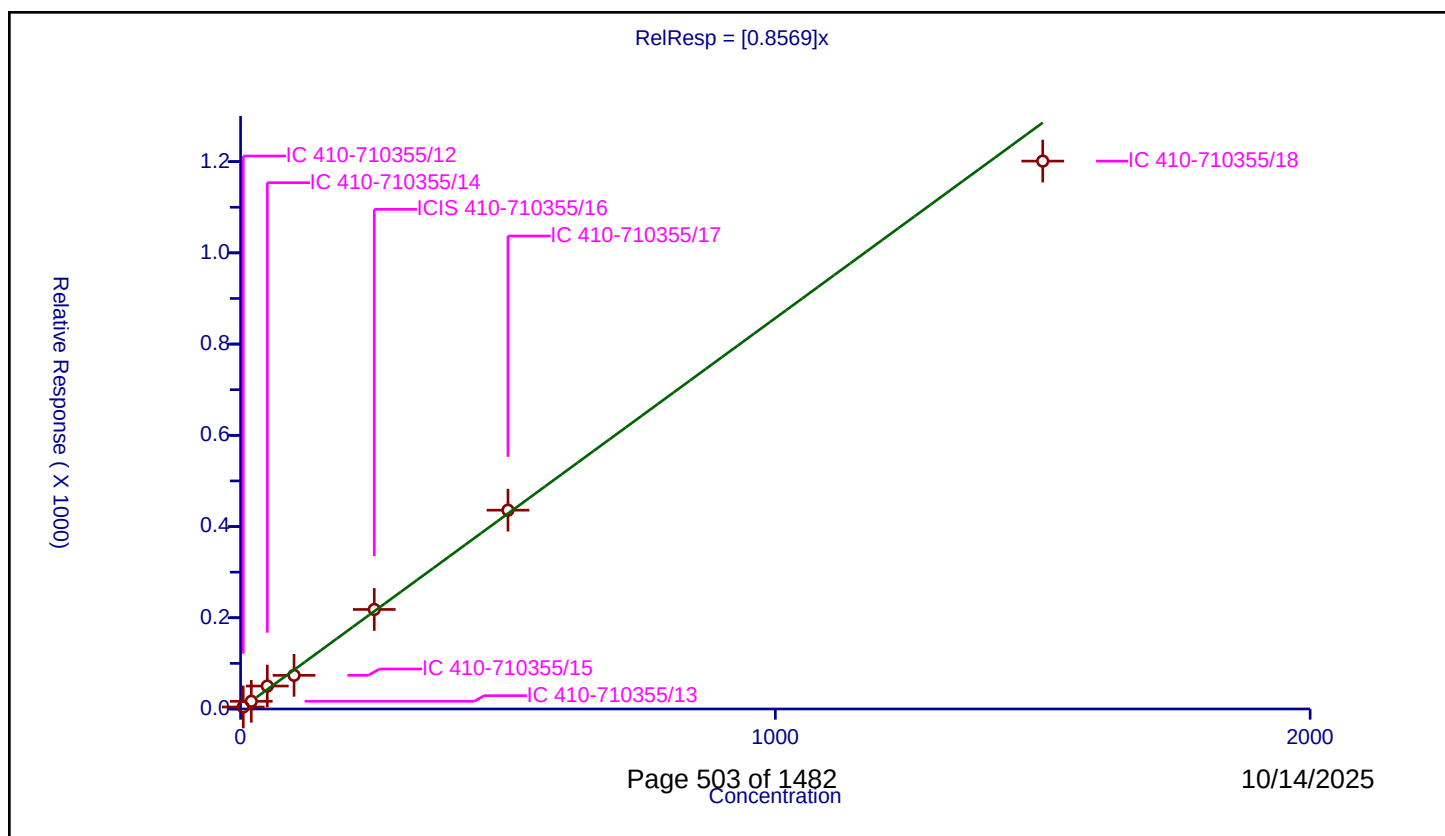
Curve Coefficients

Intercept: 0
Slope: 0.8569

Error Coefficients

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	5.0	4.332217	250.0	1926785.0	0.866443	Y
2	IC 410-710355/13	20.0	16.859759	250.0	1976081.0	0.842988	Y
3	IC 410-710355/14	50.0	50.290099	250.0	2740788.0	1.005802	Y
4	IC 410-710355/15	100.0	73.794329	250.0	1753878.0	0.737943	Y
5	ICIS 410-710355/16	250.0	218.233815	250.0	2093728.0	0.872935	Y
6	IC 410-710355/17	500.0	435.840028	250.0	1943030.0	0.87168	Y
7	IC 410-710355/18	1500.0	1201.128534	250.0	2125146.0	0.800752	Y



Calibration

/ Acrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

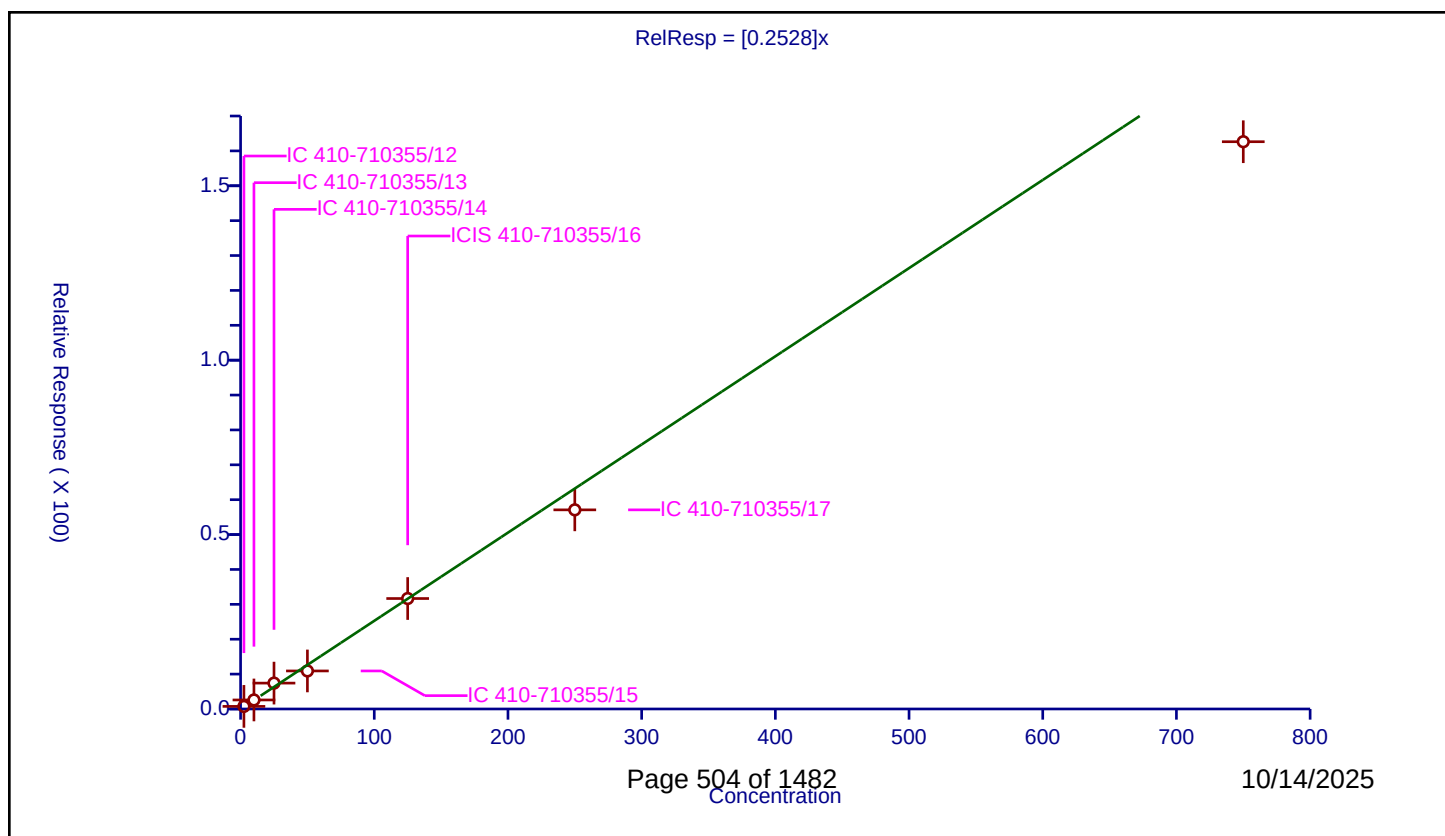
Curve Coefficients

Intercept: 0
Slope: 0.2528

Error Coefficients

Relative Standard Deviation: 13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	2.5	0.742948	50.0	2220344.0	0.297179	Y
2	IC 410-710355/13	10.0	2.586041	50.0	2465042.0	0.258604	Y
3	IC 410-710355/14	25.0	7.421946	50.0	3258431.0	0.296878	Y
4	IC 410-710355/15	50.0	10.90677	50.0	2207881.0	0.218135	Y
5	ICIS 410-710355/16	125.0	31.673375	50.0	2616813.0	0.253387	Y
6	IC 410-710355/17	250.0	57.093325	50.0	2663229.0	0.228373	Y
7	IC 410-710355/18	750.0	162.631042	50.0	2904606.0	0.216841	Y



Calibration

/ Methyl tert-butyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

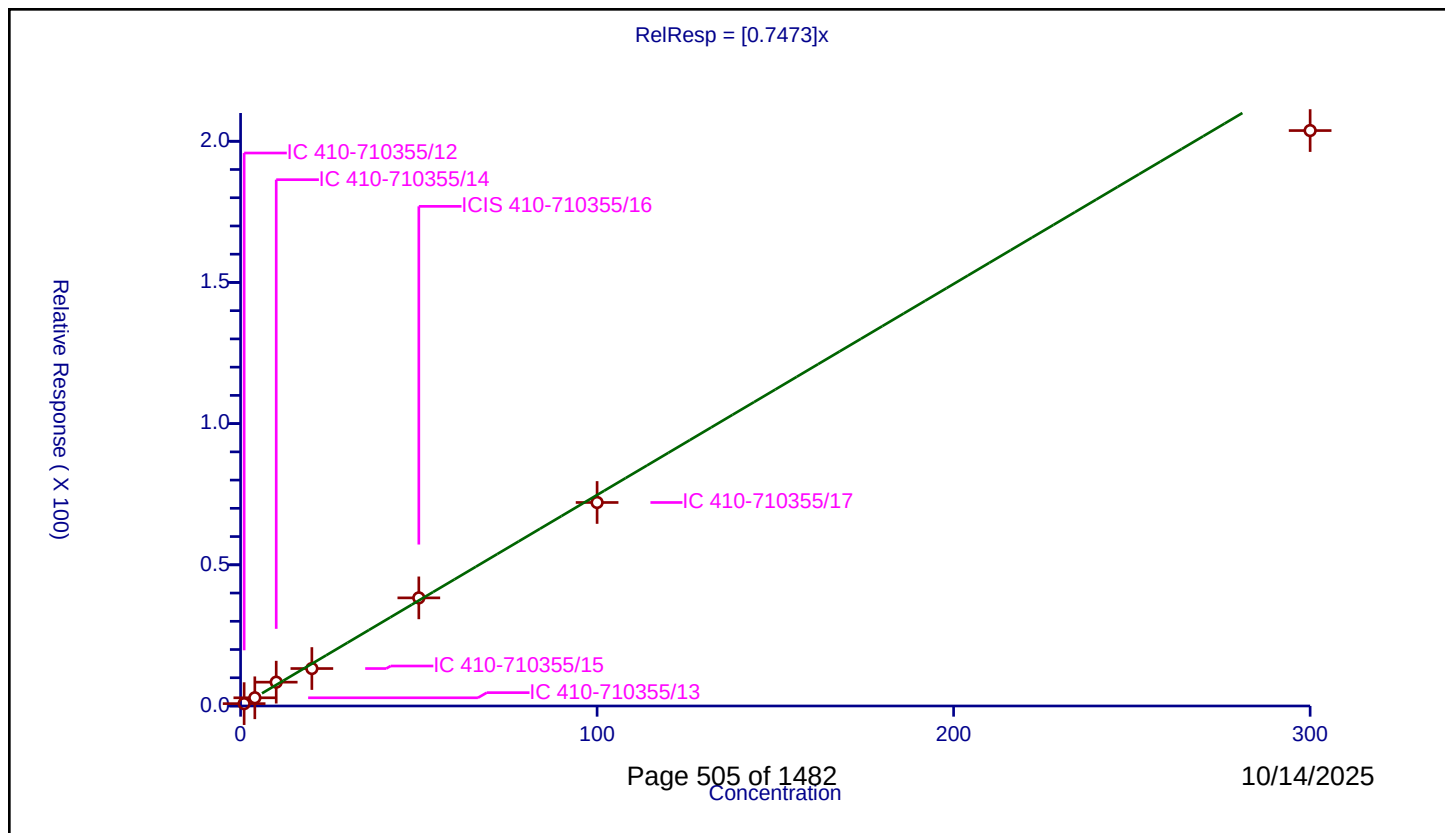
Curve Coefficients

Intercept: 0
Slope: 0.7473

Error Coefficients

Relative Standard Deviation: 9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.832326	50.0	2220344.0	0.832326	Y
2	IC 410-710355/13	4.0	2.904068	50.0	2465042.0	0.726017	Y
3	IC 410-710355/14	10.0	8.437573	50.0	3258431.0	0.843757	Y
4	IC 410-710355/15	20.0	13.264506	50.0	2207881.0	0.663225	Y
5	ICIS 410-710355/16	50.0	38.292859	50.0	2616813.0	0.765857	Y
6	IC 410-710355/17	100.0	72.068455	50.0	2663229.0	0.720685	Y
7	IC 410-710355/18	300.0	203.787846	50.0	2904606.0	0.679293	Y



Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

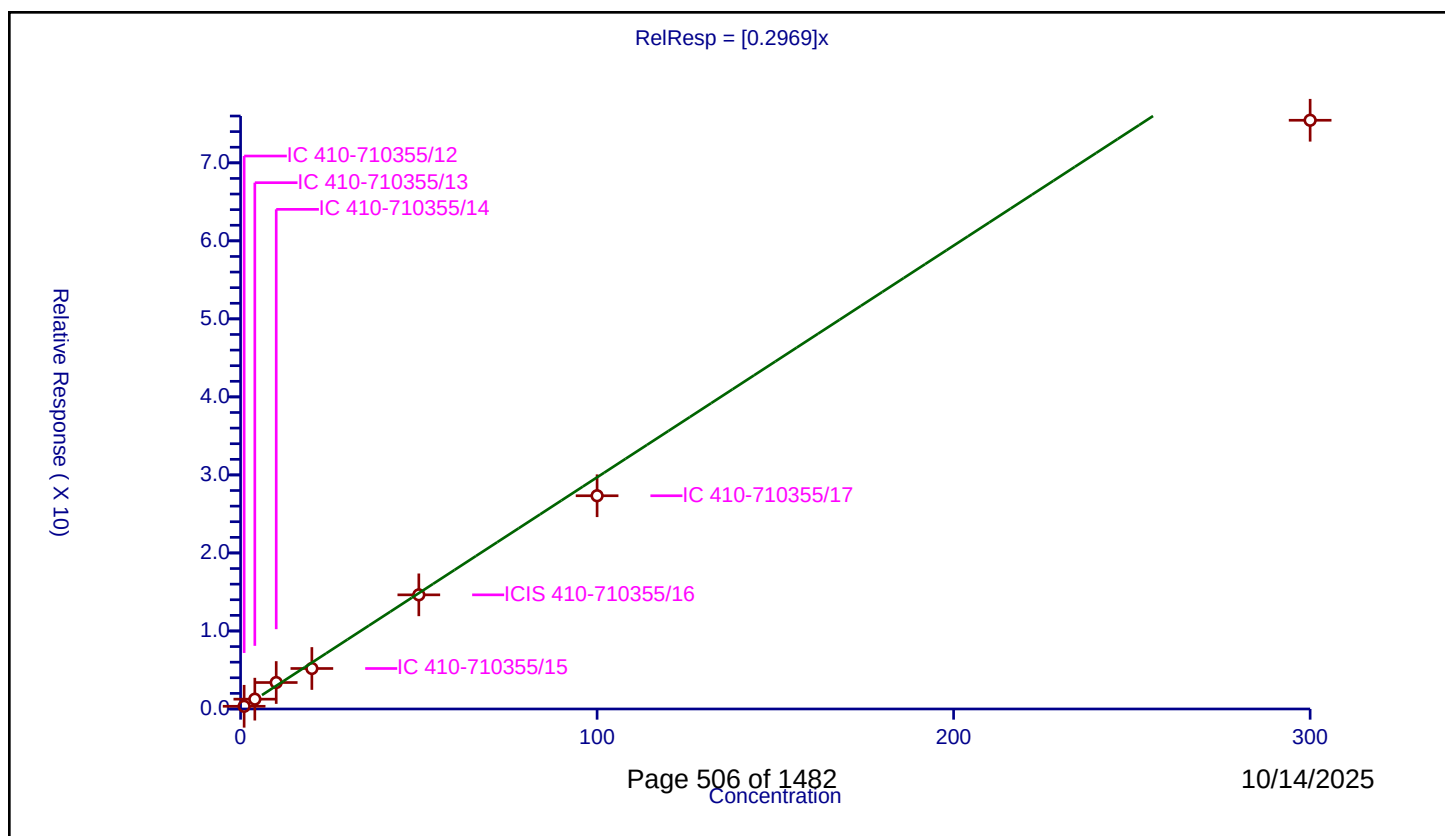
Curve Coefficients

Intercept: 0
 Slope: 0.2969

Error Coefficients

Relative Standard Deviation: 12.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.347289	50.0	2220344.0	0.347289	Y
2	IC 410-710355/13	4.0	1.260871	50.0	2465042.0	0.315218	Y
3	IC 410-710355/14	10.0	3.391387	50.0	3258431.0	0.339139	Y
4	IC 410-710355/15	20.0	5.190044	50.0	2207881.0	0.259502	Y
5	ICIS 410-710355/16	50.0	14.629647	50.0	2616813.0	0.292593	Y
6	IC 410-710355/17	100.0	27.332141	50.0	2663229.0	0.273321	Y
7	IC 410-710355/18	300.0	75.456912	50.0	2904606.0	0.251523	Y



Calibration

/ Hexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

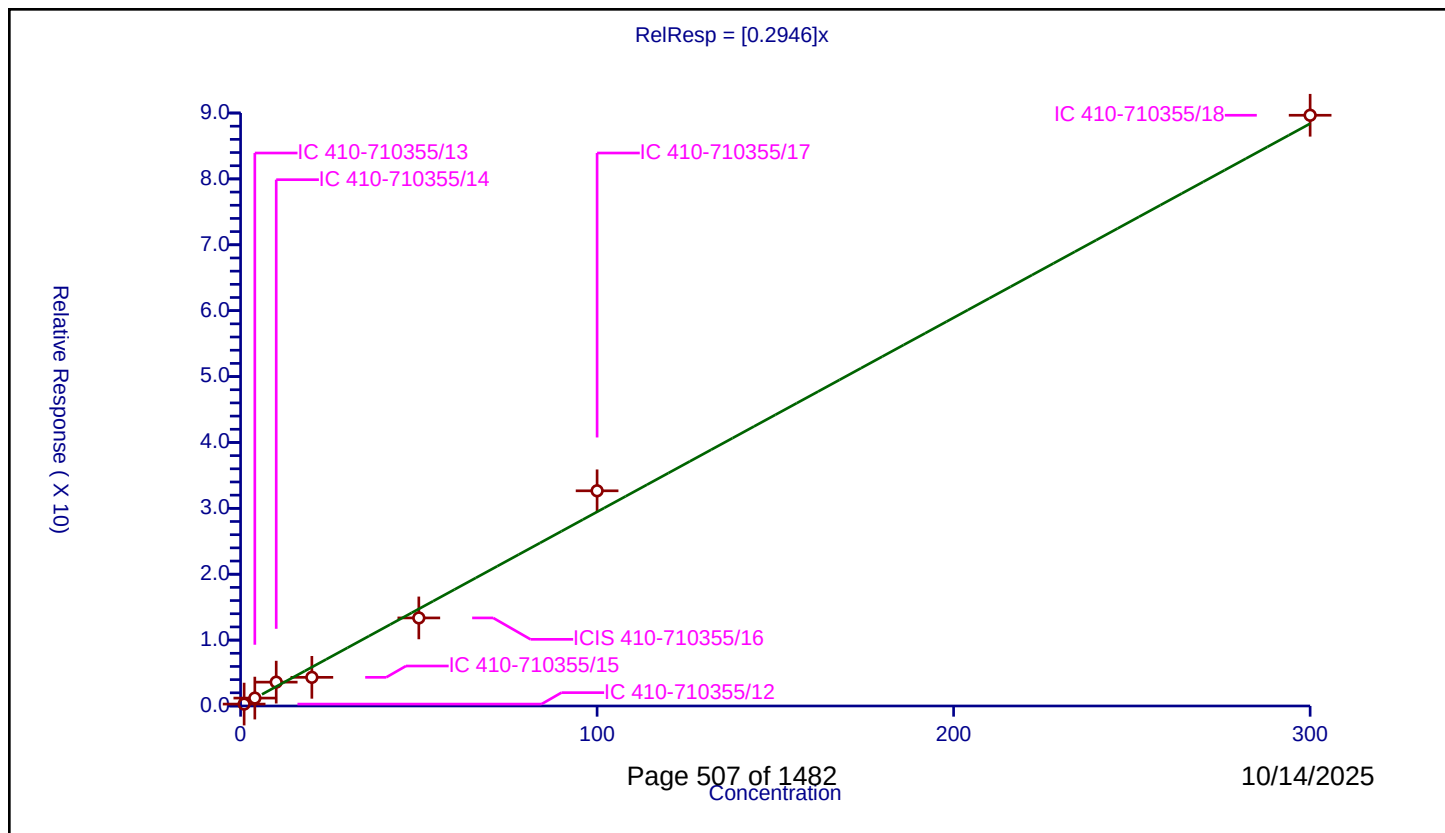
Curve Coefficients

Intercept: 0
Slope: 0.2946

Error Coefficients

Relative Standard Deviation: 15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.290496	50.0	2220344.0	0.290496	Y
2	IC 410-710355/13	4.0	1.198803	50.0	2465042.0	0.299701	Y
3	IC 410-710355/14	10.0	3.618828	50.0	3258431.0	0.361883	Y
4	IC 410-710355/15	20.0	4.350212	50.0	2207881.0	0.217511	Y
5	ICIS 410-710355/16	50.0	13.368418	50.0	2616813.0	0.267368	Y
6	IC 410-710355/17	100.0	32.661123	50.0	2663229.0	0.326611	Y
7	IC 410-710355/18	300.0	89.659734	50.0	2904606.0	0.298866	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

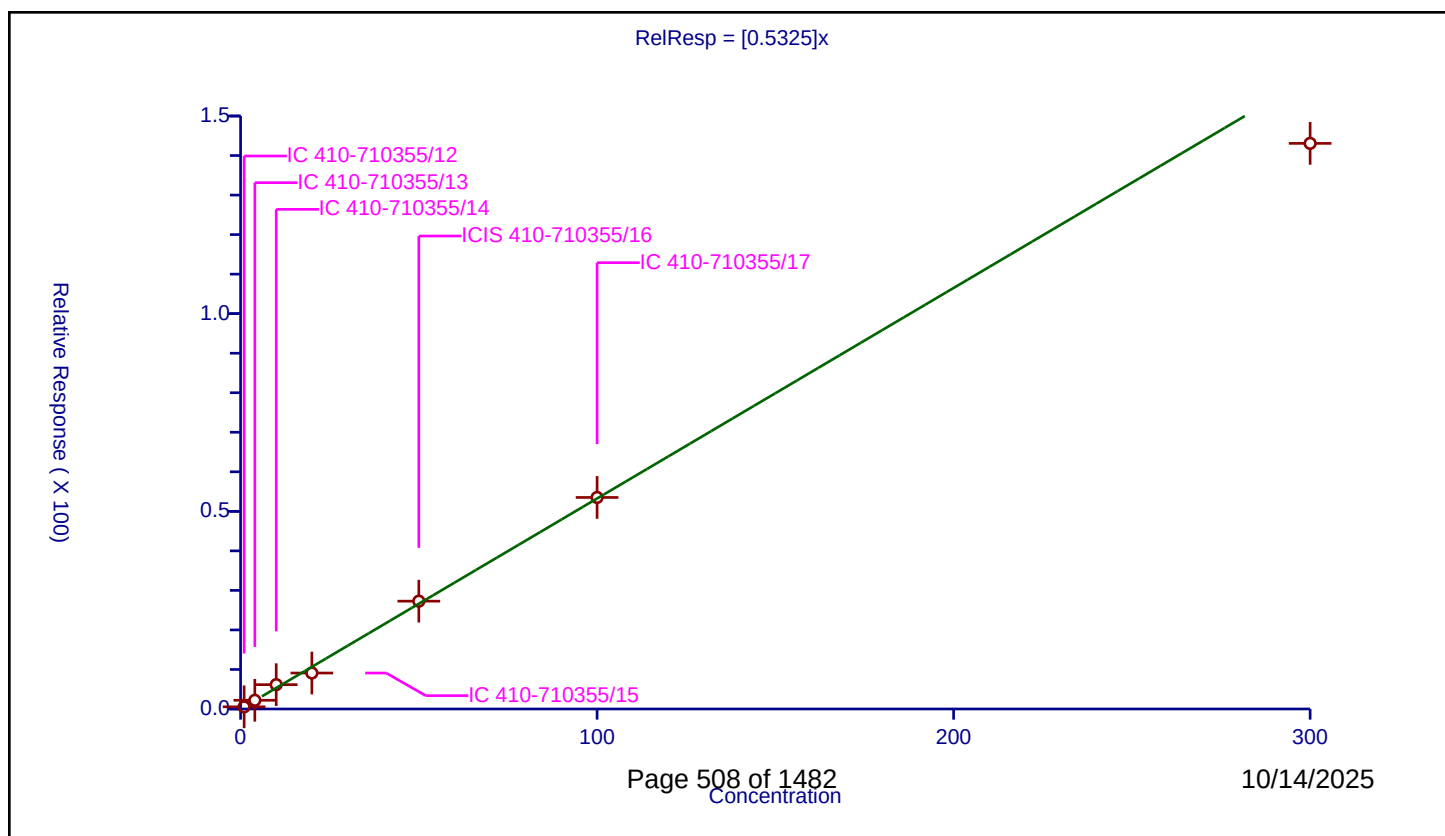
Curve Coefficients

Intercept: 0
Slope: 0.5325

Error Coefficients

Relative Standard Deviation: 9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.548564	50.0	2220344.0	0.548564	Y
2	IC 410-710355/13	4.0	2.203431	50.0	2465042.0	0.550858	Y
3	IC 410-710355/14	10.0	6.156491	50.0	3258431.0	0.615649	Y
4	IC 410-710355/15	20.0	9.098928	50.0	2207881.0	0.454946	Y
5	ICIS 410-710355/16	50.0	27.273424	50.0	2616813.0	0.545468	Y
6	IC 410-710355/17	100.0	53.508955	50.0	2663229.0	0.53509	Y
7	IC 410-710355/18	300.0	143.077787	50.0	2904606.0	0.476926	Y



Calibration

/ Isopropyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

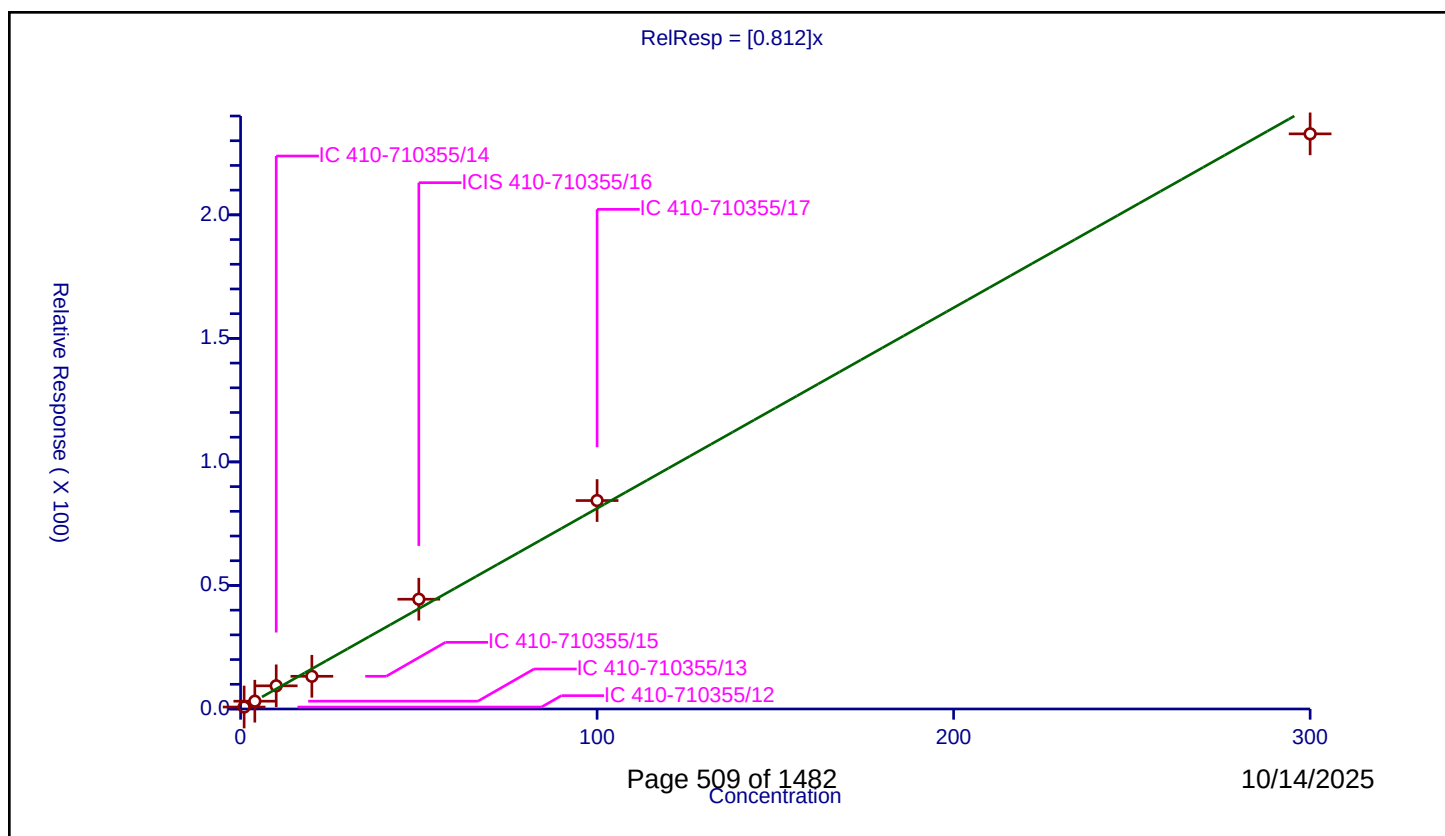
Curve Coefficients

Intercept: 0
Slope: 0.812

Error Coefficients

Relative Standard Deviation: 11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.788684	50.0	2220344.0	0.788684	Y
2	IC 410-710355/13	4.0	3.151731	50.0	2465042.0	0.787933	Y
3	IC 410-710355/14	10.0	9.371059	50.0	3258431.0	0.937106	Y
4	IC 410-710355/15	20.0	13.237942	50.0	2207881.0	0.661897	Y
5	ICIS 410-710355/16	50.0	44.427	50.0	2616813.0	0.88854	Y
6	IC 410-710355/17	100.0	84.36798	50.0	2663229.0	0.84368	Y
7	IC 410-710355/18	300.0	232.774204	50.0	2904606.0	0.775914	Y



Calibration

/ 2-Chloro-1,3-butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

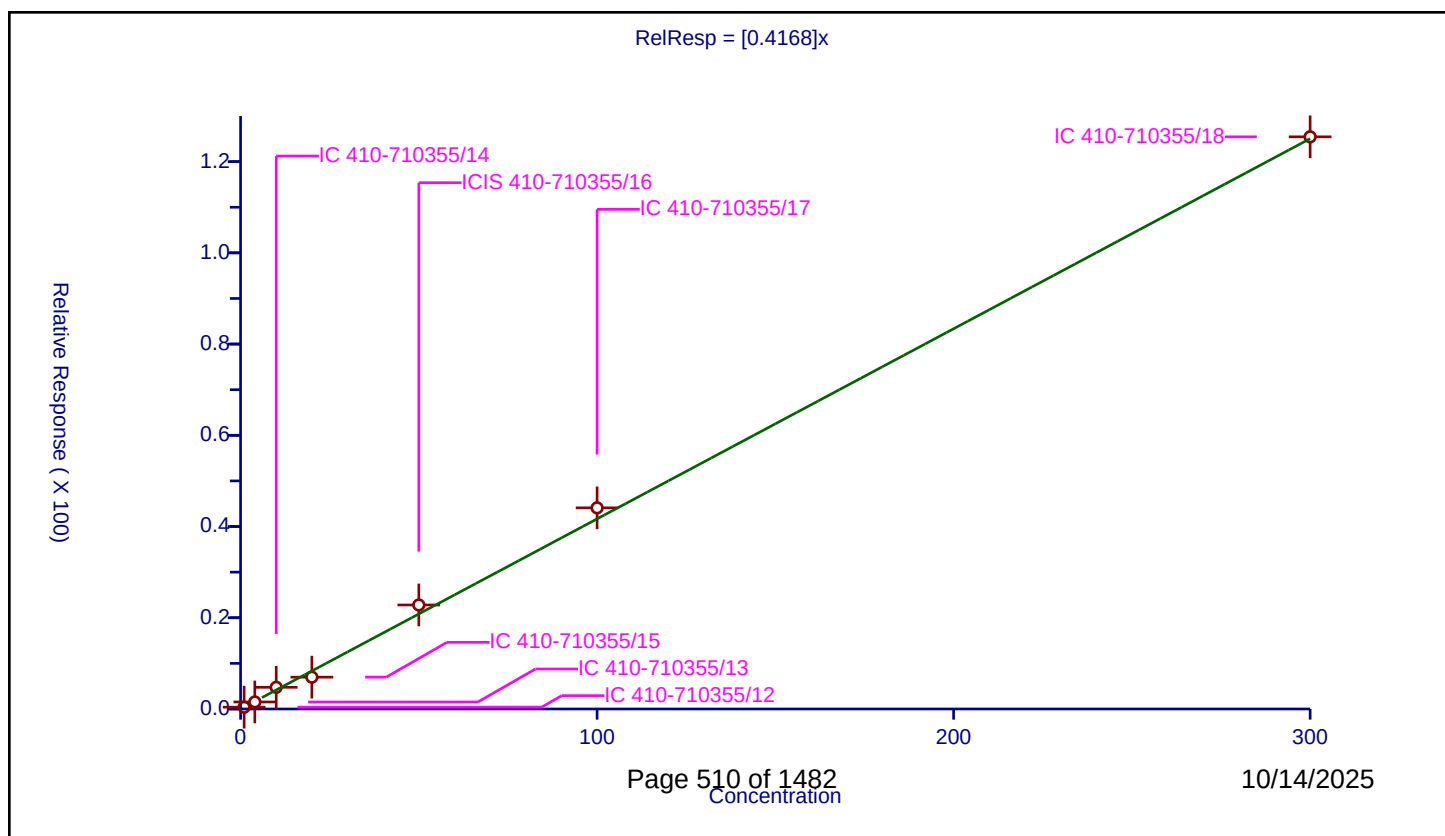
Curve Coefficients

Intercept: 0
Slope: 0.4168

Error Coefficients

Relative Standard Deviation: 10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.393813	50.0	2220344.0	0.393813	Y
2	IC 410-710355/13	4.0	1.537986	50.0	2465042.0	0.384496	Y
3	IC 410-710355/14	10.0	4.750507	50.0	3258431.0	0.475051	Y
4	IC 410-710355/15	20.0	6.978229	50.0	2207881.0	0.348911	Y
5	ICIS 410-710355/16	50.0	22.802374	50.0	2616813.0	0.456047	Y
6	IC 410-710355/17	100.0	44.100151	50.0	2663229.0	0.441002	Y
7	IC 410-710355/18	300.0	125.44006	50.0	2904606.0	0.418134	Y



Calibration

/ Tert-butyl ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

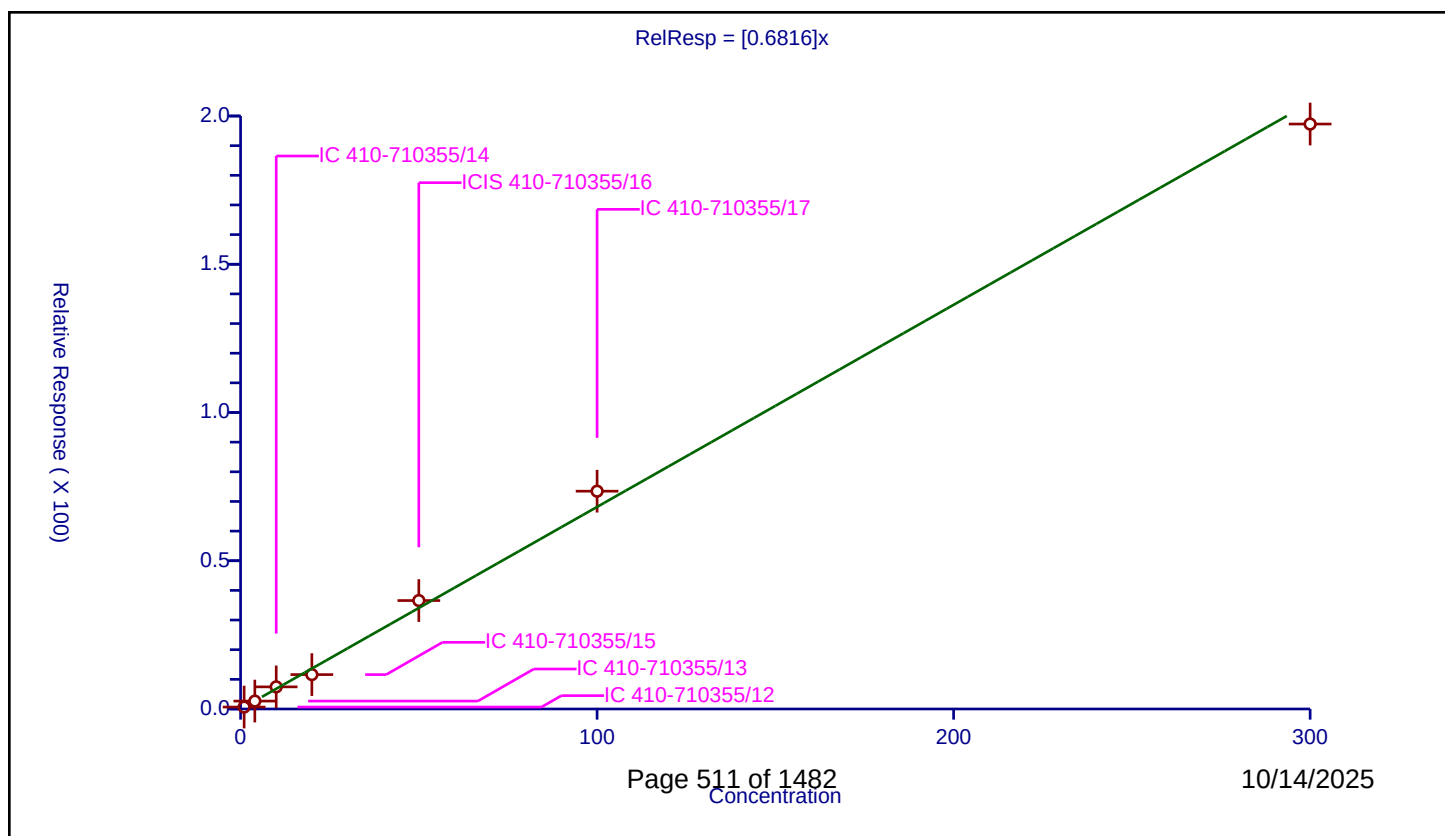
Curve Coefficients

Intercept: 0
Slope: 0.6816

Error Coefficients

Relative Standard Deviation: 8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.655619	50.0	2220344.0	0.655619	Y
2	IC 410-710355/13	4.0	2.662267	50.0	2465042.0	0.665567	Y
3	IC 410-710355/14	10.0	7.46037	50.0	3258431.0	0.746037	Y
4	IC 410-710355/15	20.0	11.598746	50.0	2207881.0	0.579937	Y
5	ICIS 410-710355/16	50.0	36.5764	50.0	2616813.0	0.731528	Y
6	IC 410-710355/17	100.0	73.462646	50.0	2663229.0	0.734626	Y
7	IC 410-710355/18	300.0	197.290493	50.0	2904606.0	0.657635	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

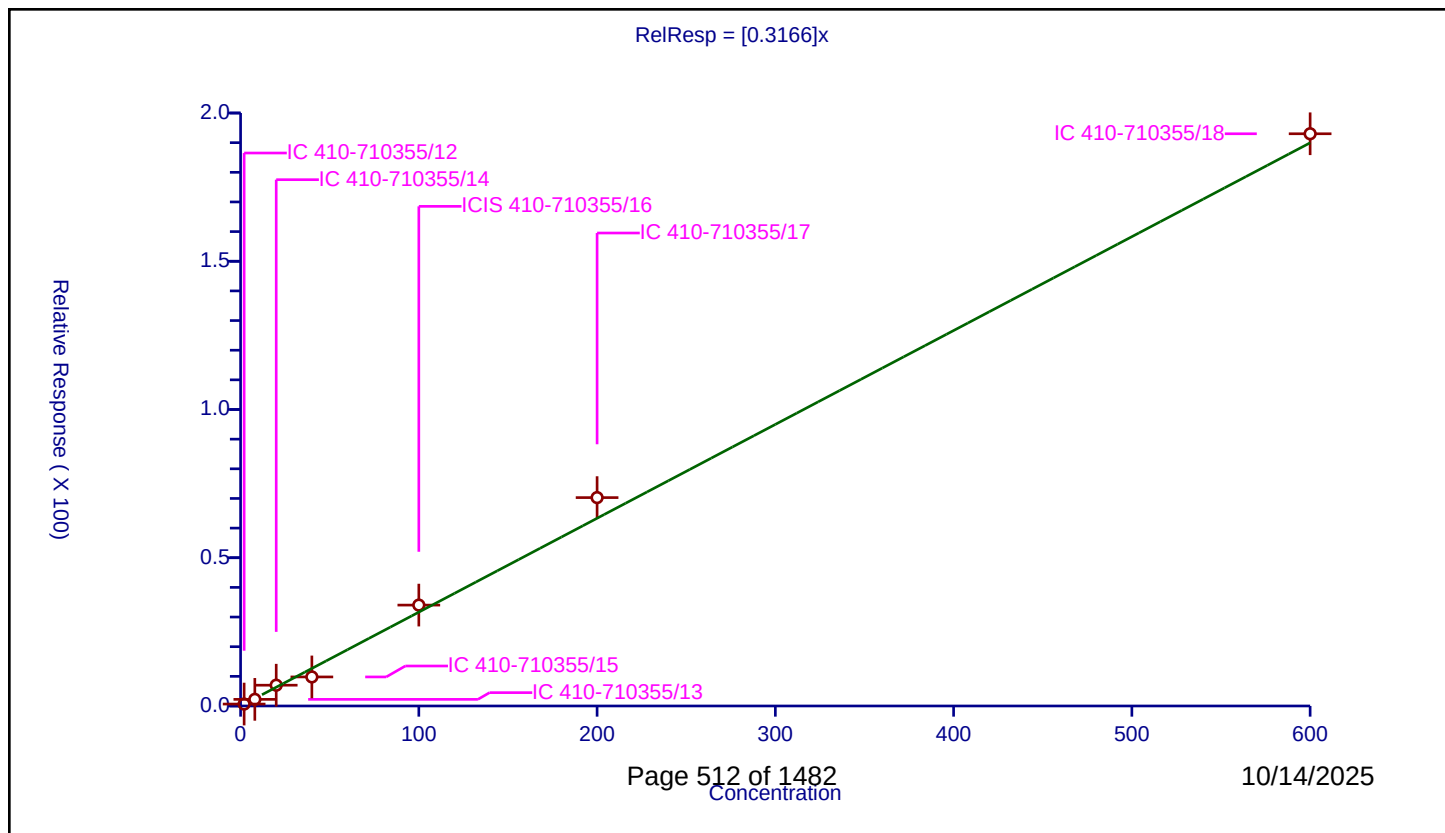
Curve Coefficients

Intercept: 0
Slope: 0.3166

Error Coefficients

Relative Standard Deviation: 12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	2.0	0.654381	50.0	2220344.0	0.32719	Y
2	IC 410-710355/13	8.0	2.237325	50.0	2465042.0	0.279666	Y
3	IC 410-710355/14	20.0	7.014956	50.0	3258431.0	0.350748	Y
4	IC 410-710355/15	40.0	9.799192	50.0	2207881.0	0.24498	Y
5	ICIS 410-710355/16	100.0	34.03346	50.0	2616813.0	0.340335	Y
6	IC 410-710355/17	200.0	70.287572	50.0	2663229.0	0.351438	Y
7	IC 410-710355/18	600.0	193.006246	50.0	2904606.0	0.321677	Y



Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

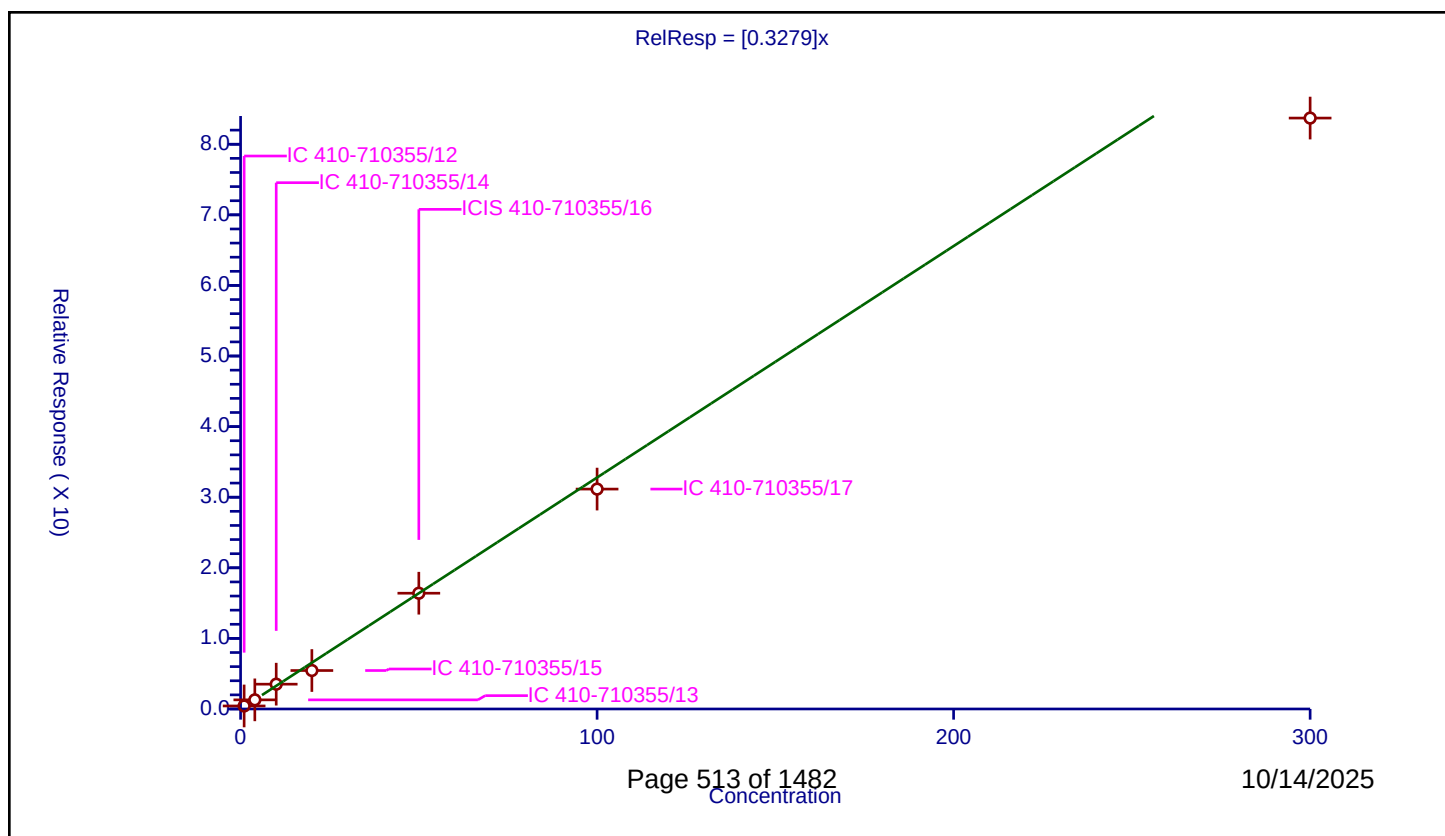
Curve Coefficients

Intercept: 0
Slope: 0.3279

Error Coefficients

Relative Standard Deviation: 16.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.429235	50.0	2220344.0	0.429235	Y
2	IC 410-710355/13	4.0	1.293771	50.0	2465042.0	0.323443	Y
3	IC 410-710355/14	10.0	3.514744	50.0	3258431.0	0.351474	Y
4	IC 410-710355/15	20.0	5.449524	50.0	2207881.0	0.272476	Y
5	ICIS 410-710355/16	50.0	16.398822	50.0	2616813.0	0.327976	Y
6	IC 410-710355/17	100.0	31.15286	50.0	2663229.0	0.311529	Y
7	IC 410-710355/18	300.0	83.709495	50.0	2904606.0	0.279032	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

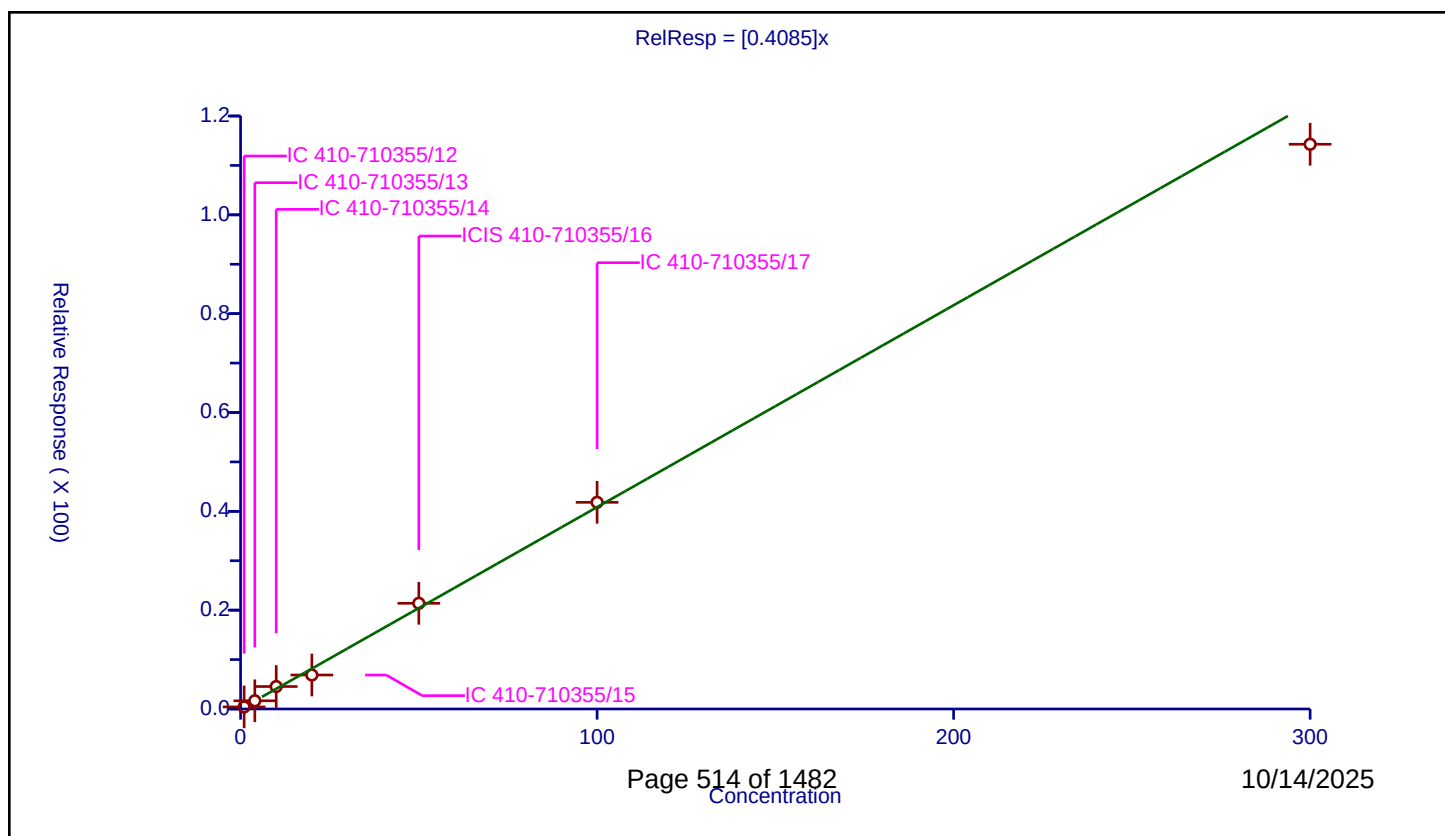
Curve Coefficients

Intercept: 0
Slope: 0.4085

Error Coefficients

Relative Standard Deviation: 8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.419597	50.0	2220344.0	0.419597	Y
2	IC 410-710355/13	4.0	1.658329	50.0	2465042.0	0.414582	Y
3	IC 410-710355/14	10.0	4.545961	50.0	3258431.0	0.454596	Y
4	IC 410-710355/15	20.0	6.875484	50.0	2207881.0	0.343774	Y
5	ICIS 410-710355/16	50.0	21.390906	50.0	2616813.0	0.427818	Y
6	IC 410-710355/17	100.0	41.821019	50.0	2663229.0	0.41821	Y
7	IC 410-710355/18	300.0	114.284072	50.0	2904606.0	0.380947	Y



Calibration

/ Propionitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

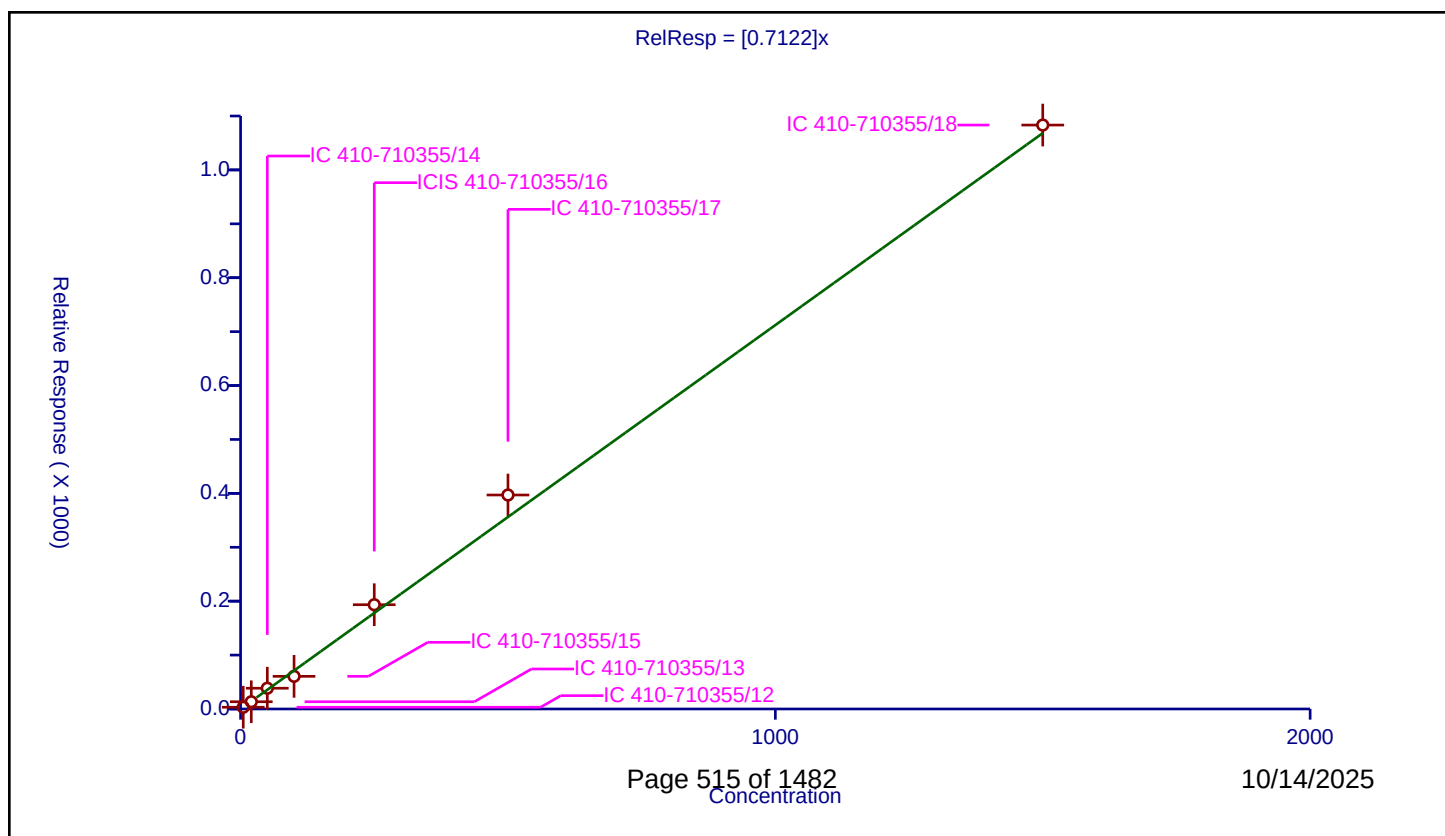
Curve Coefficients

Intercept: 0
Slope: 0.7122

Error Coefficients

Relative Standard Deviation: 10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	5.0	3.246211	250.0	1926785.0	0.649242	Y
2	IC 410-710355/13	20.0	13.41696	250.0	1976081.0	0.670848	Y
3	IC 410-710355/14	50.0	38.48738	250.0	2740788.0	0.769748	Y
4	IC 410-710355/15	100.0	60.554098	250.0	1753878.0	0.605541	Y
5	ICIS 410-710355/16	250.0	193.43845	250.0	2093728.0	0.773754	Y
6	IC 410-710355/17	500.0	396.942533	250.0	1943030.0	0.793885	Y
7	IC 410-710355/18	1500.0	1083.220988	250.0	2125146.0	0.722147	Y



Calibration

/ Methacrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

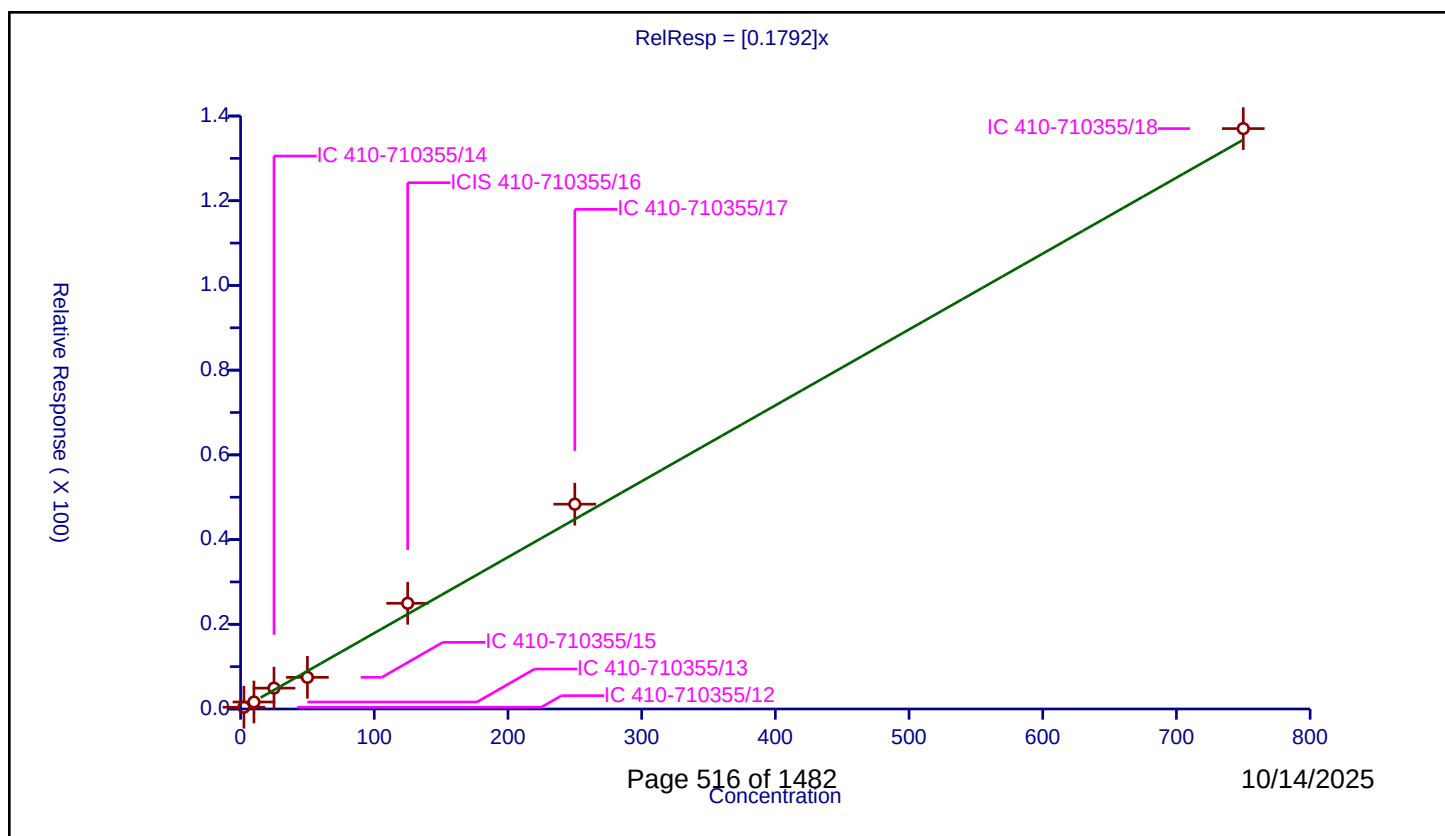
Curve Coefficients

Intercept: 0
 Slope: 0.1792

Error Coefficients

Relative Standard Deviation: 10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	2.5	0.419394	50.0	2220344.0	0.167758	Y
2	IC 410-710355/13	10.0	1.644982	50.0	2465042.0	0.164498	Y
3	IC 410-710355/14	25.0	4.924579	50.0	3258431.0	0.196983	Y
4	IC 410-710355/15	50.0	7.469651	50.0	2207881.0	0.149393	Y
5	ICIS 410-710355/16	125.0	24.951687	50.0	2616813.0	0.199613	Y
6	IC 410-710355/17	250.0	48.353822	50.0	2663229.0	0.193415	Y
7	IC 410-710355/18	750.0	137.027724	50.0	2904606.0	0.182704	Y



Calibration

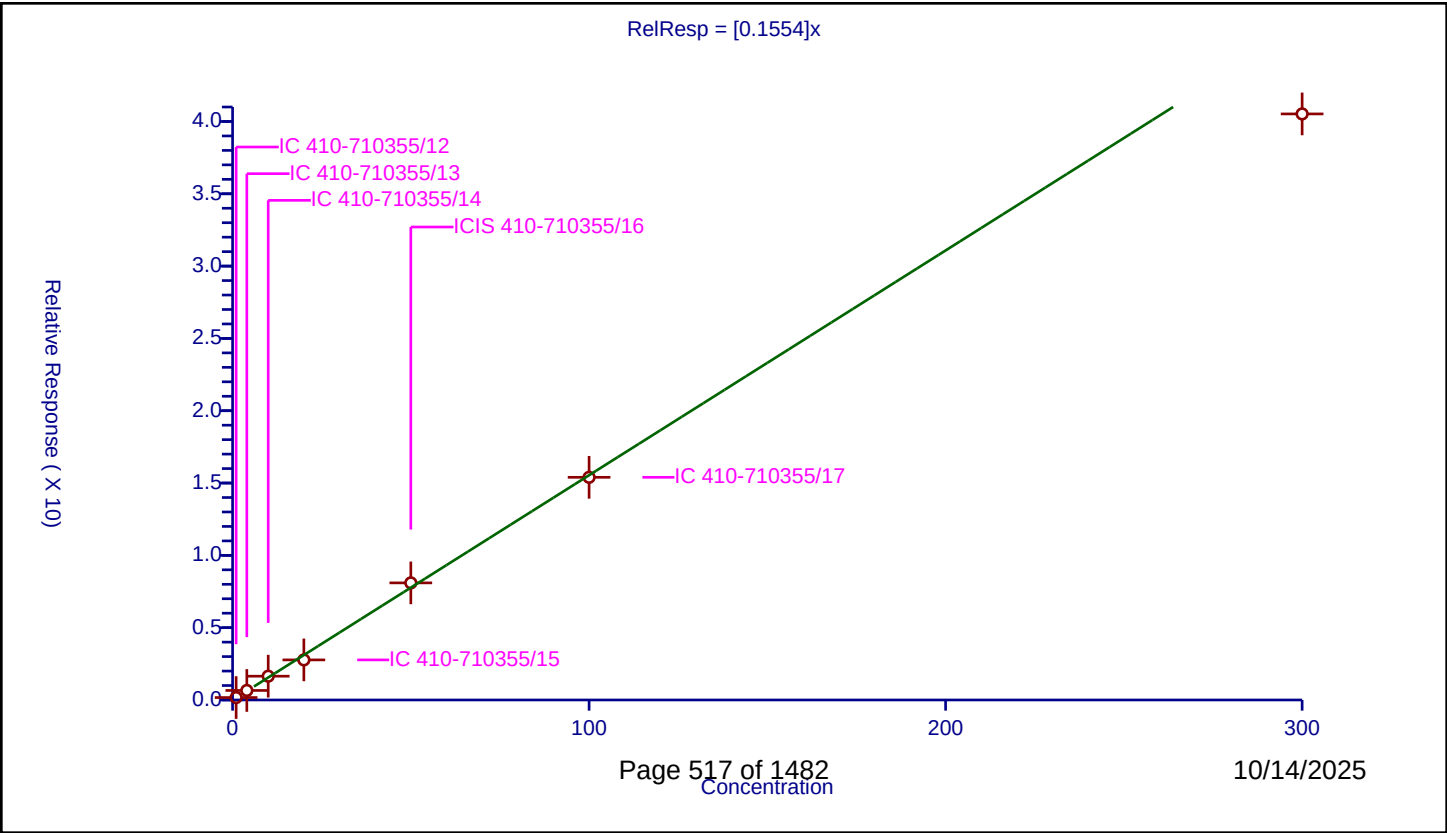
/ Chlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1554
Error Coefficients	

Relative Standard Deviation: 8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.168825	50.0	2220344.0	0.168825	Y
2	IC 410-710355/13	4.0	0.659685	50.0	2465042.0	0.164921	Y
3	IC 410-710355/14	10.0	1.645424	50.0	3258431.0	0.164542	Y
4	IC 410-710355/15	20.0	2.772364	50.0	2207881.0	0.138618	Y
5	ICIS 410-710355/16	50.0	8.096547	50.0	2616813.0	0.161931	Y
6	IC 410-710355/17	100.0	15.396029	50.0	2663229.0	0.15396	Y
7	IC 410-710355/18	300.0	40.521606	50.0	2904606.0	0.135072	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

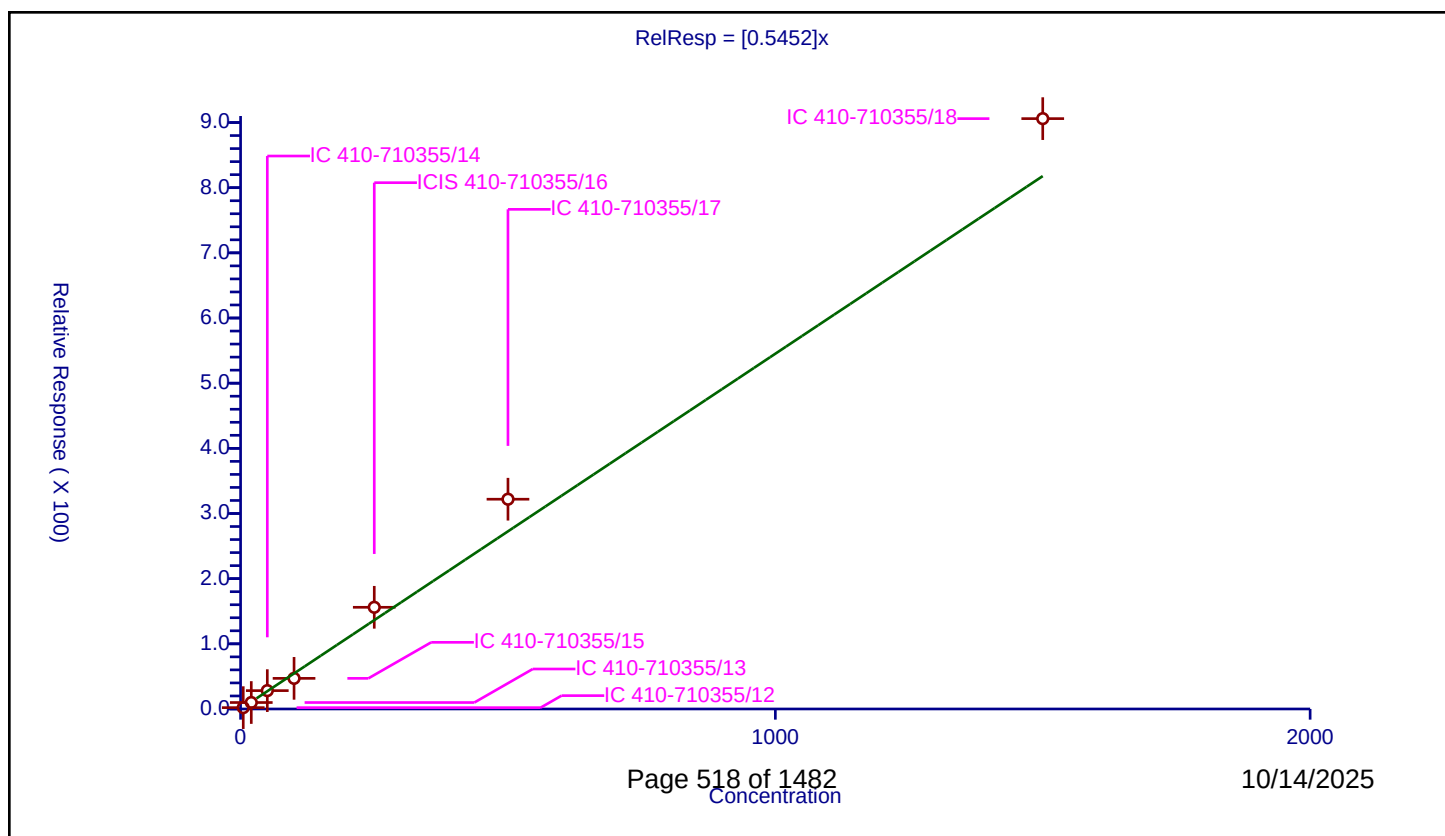
Curve Coefficients

Intercept: 0
Slope: 0.5452

Error Coefficients

Relative Standard Deviation: 15.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	5.0	2.06925	250.0	1926785.0	0.41385	Y
2	IC 410-710355/13	20.0	9.943039	250.0	1976081.0	0.497152	Y
3	IC 410-710355/14	50.0	28.162977	250.0	2740788.0	0.56326	Y
4	IC 410-710355/15	100.0	47.007403	250.0	1753878.0	0.470074	Y
5	ICIS 410-710355/16	250.0	156.06755	250.0	2093728.0	0.62427	Y
6	IC 410-710355/17	500.0	321.930696	250.0	1943030.0	0.643861	Y
7	IC 410-710355/18	1500.0	905.984812	250.0	2125146.0	0.60399	Y



Calibration

/ Chloroform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

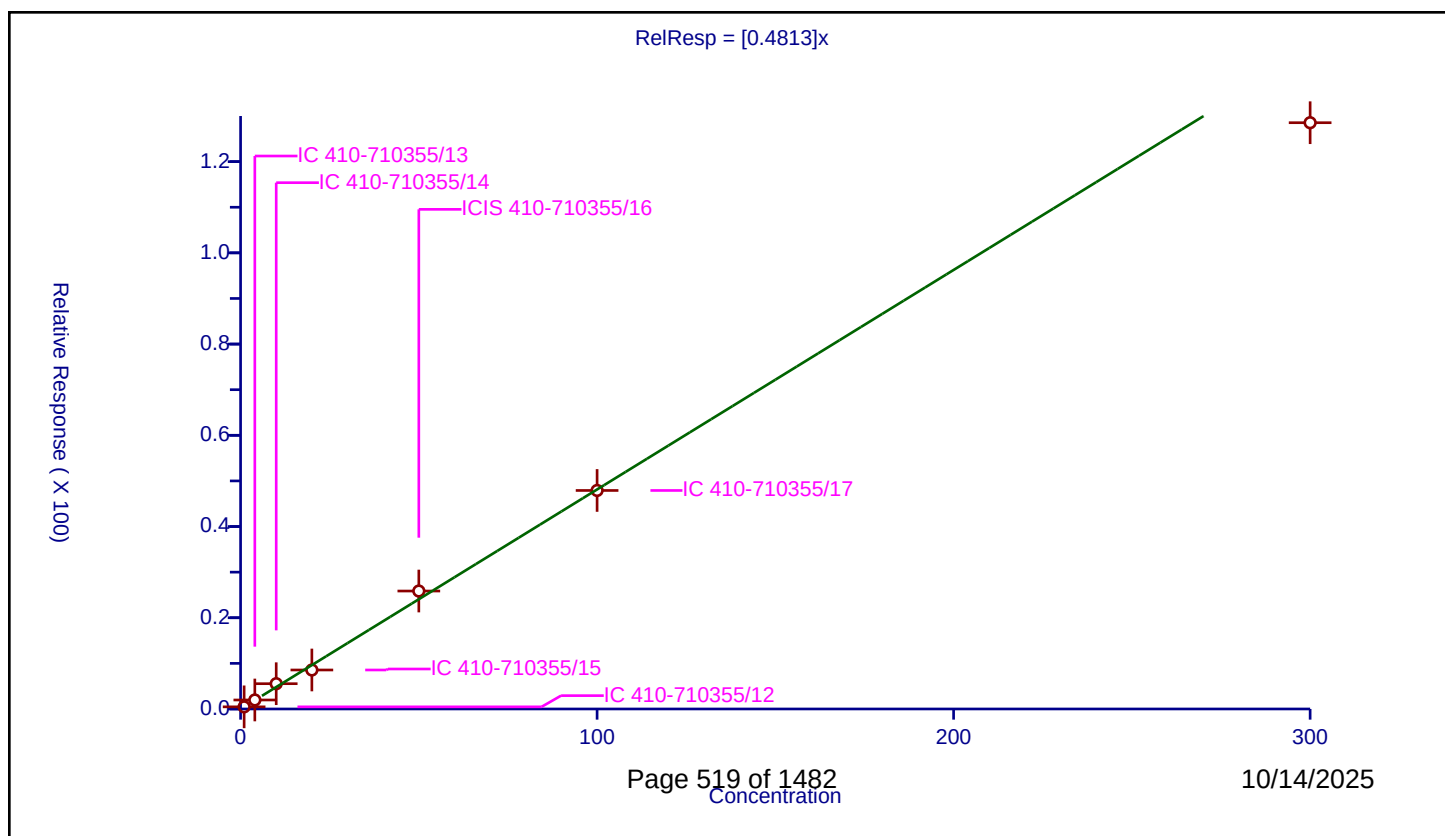
Curve Coefficients

Intercept: 0
Slope: 0.4813

Error Coefficients

Relative Standard Deviation: 9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.468689	50.0	2220344.0	0.468689	Y
2	IC 410-710355/13	4.0	1.974855	50.0	2465042.0	0.493714	Y
3	IC 410-710355/14	10.0	5.54233	50.0	3258431.0	0.554233	Y
4	IC 410-710355/15	20.0	8.548242	50.0	2207881.0	0.427412	Y
5	ICIS 410-710355/16	50.0	25.861993	50.0	2616813.0	0.51724	Y
6	IC 410-710355/17	100.0	47.904536	50.0	2663229.0	0.479045	Y
7	IC 410-710355/18	300.0	128.531408	50.0	2904606.0	0.428438	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

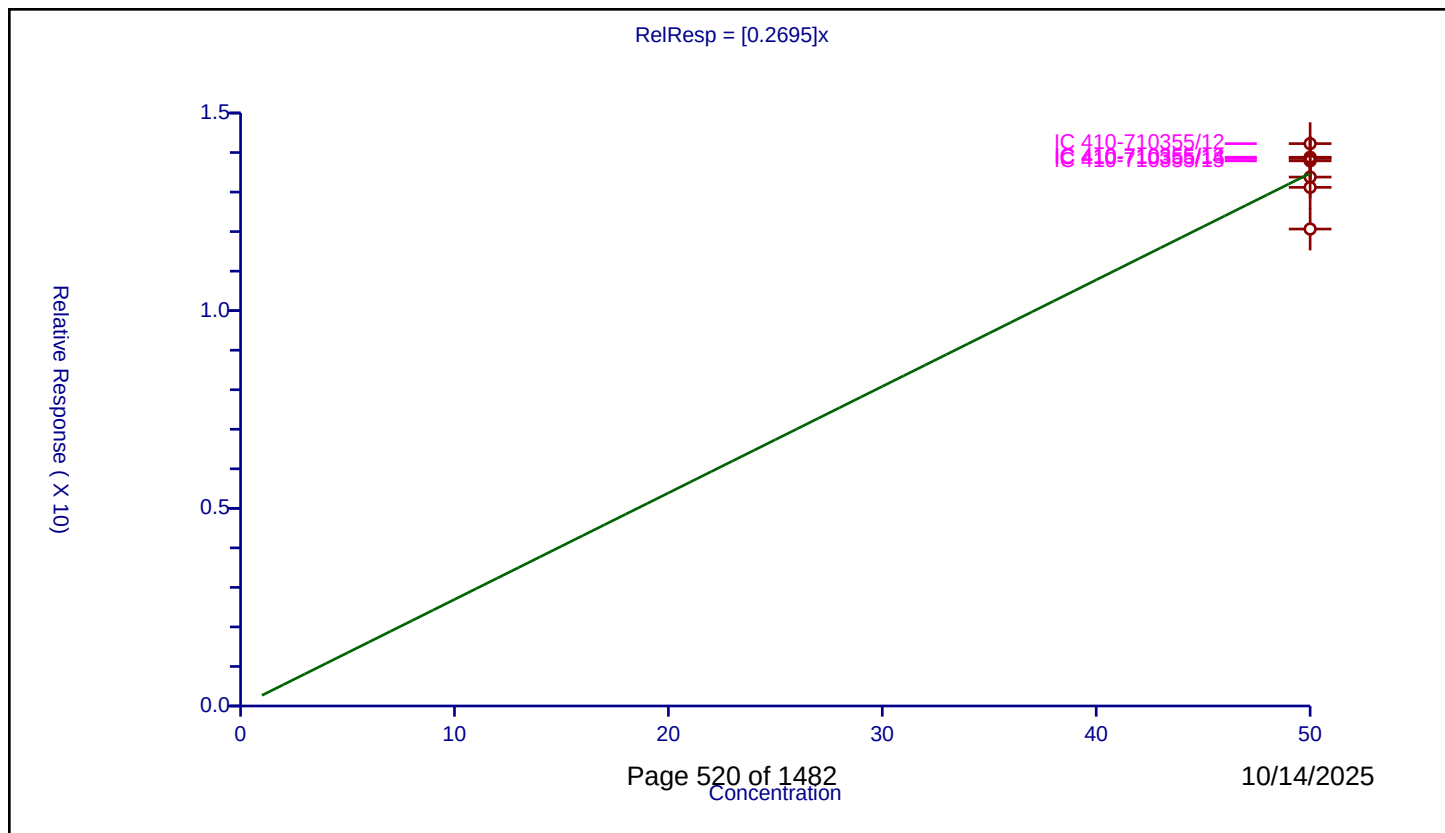
Curve Coefficients

Intercept: 0
Slope: 0.2695

Error Coefficients

Relative Standard Deviation: 5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	50.0	14.225408	50.0	2220344.0	0.284508	Y
2	IC 410-710355/13	50.0	13.880798	50.0	2465042.0	0.277616	Y
3	IC 410-710355/14	50.0	13.850976	50.0	3258431.0	0.27702	Y
4	IC 410-710355/15	50.0	13.789783	50.0	2207881.0	0.275796	Y
5	ICIS 410-710355/16	50.0	13.379596	50.0	2616813.0	0.267592	Y
6	IC 410-710355/17	50.0	13.1196	50.0	2663229.0	0.262392	Y
7	IC 410-710355/18	50.0	12.064648	50.0	2904606.0	0.241293	Y



Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

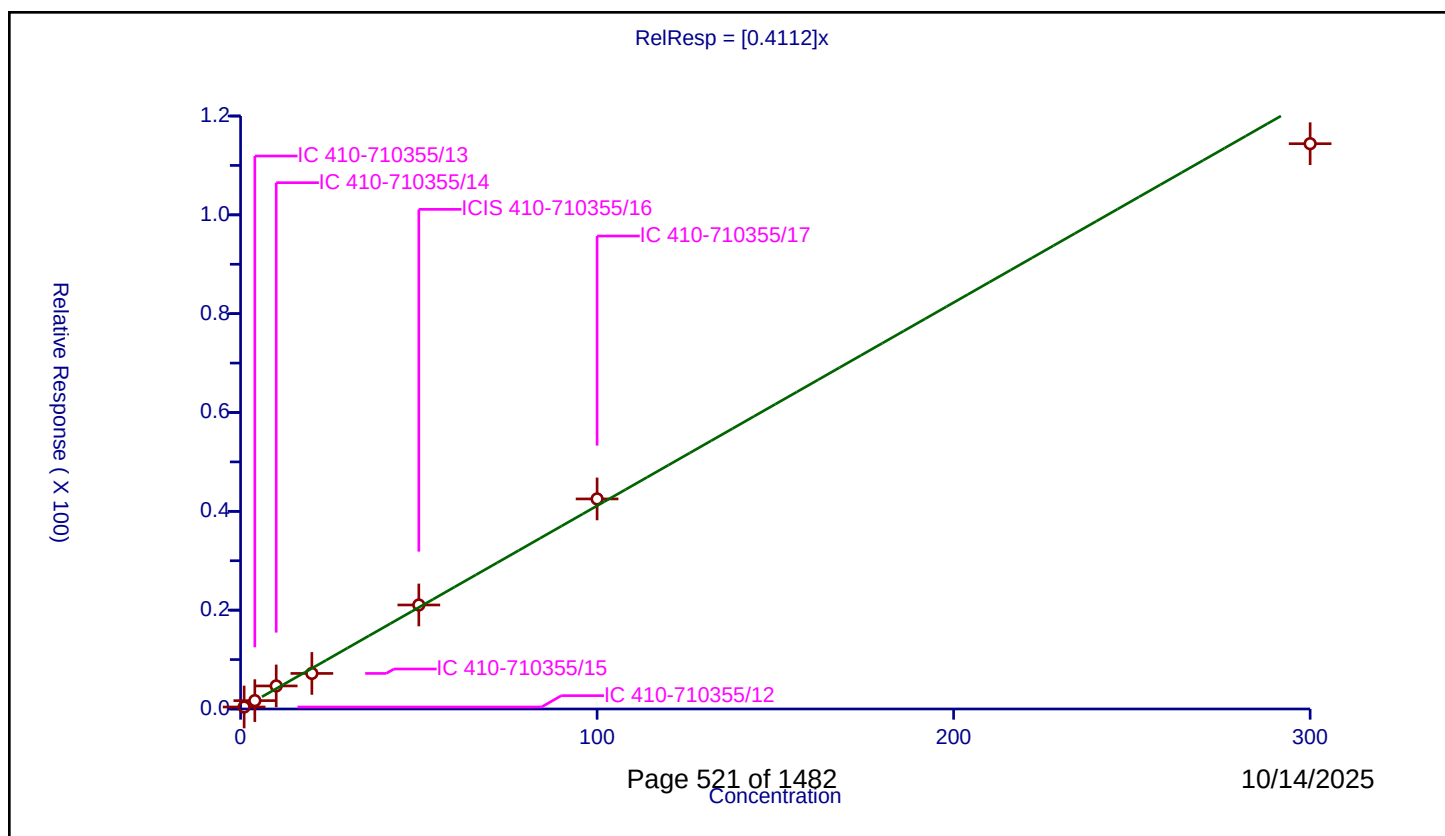
Curve Coefficients

Intercept: 0
Slope: 0.4112

Error Coefficients

Relative Standard Deviation: 8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.401492	50.0	2220344.0	0.401492	Y
2	IC 410-710355/13	4.0	1.693075	50.0	2465042.0	0.423269	Y
3	IC 410-710355/14	10.0	4.667231	50.0	3258431.0	0.466723	Y
4	IC 410-710355/15	20.0	7.195202	50.0	2207881.0	0.35976	Y
5	ICIS 410-710355/16	50.0	21.047186	50.0	2616813.0	0.420944	Y
6	IC 410-710355/17	100.0	42.508511	50.0	2663229.0	0.425085	Y
7	IC 410-710355/18	300.0	114.400869	50.0	2904606.0	0.381336	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

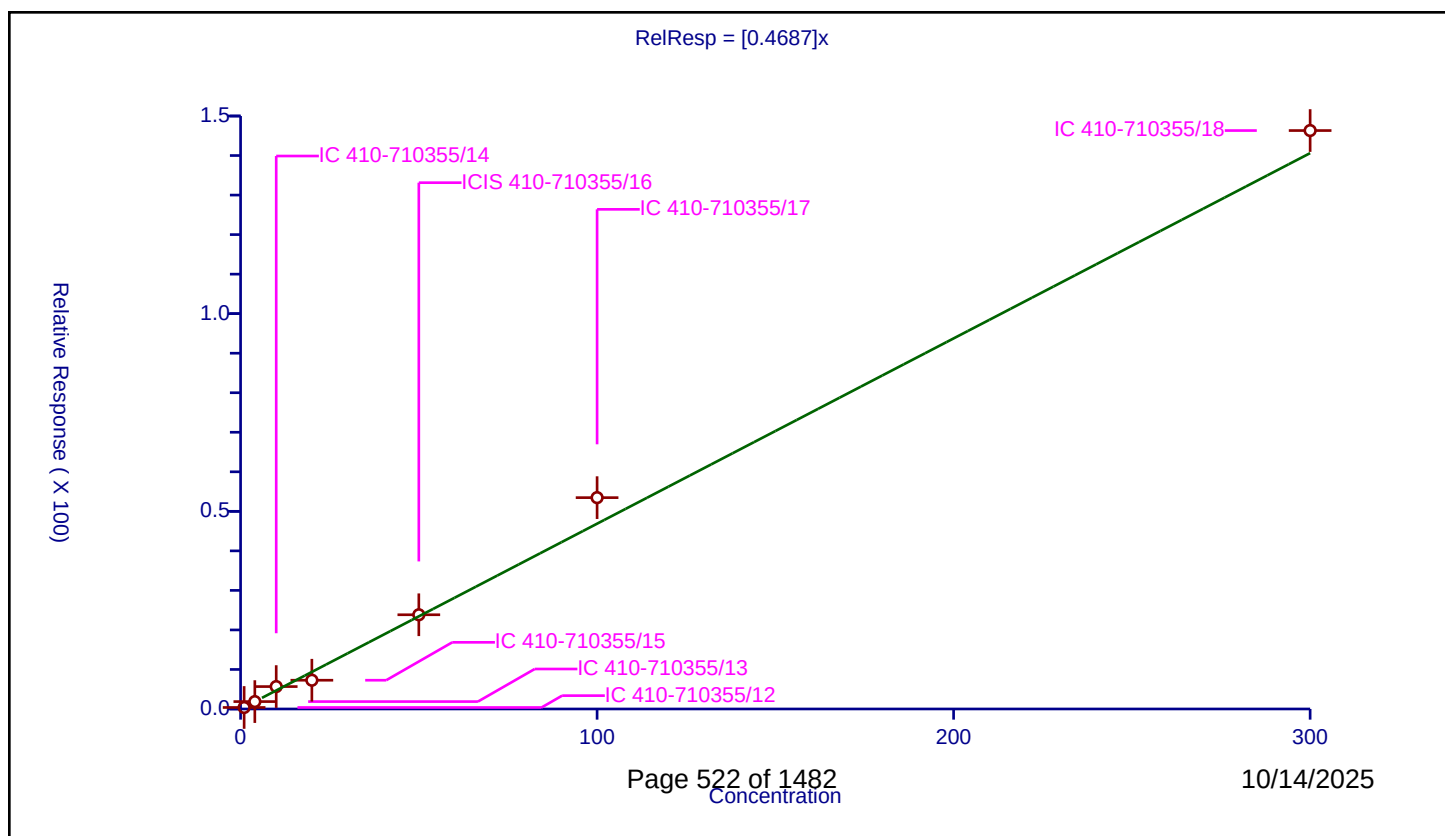
Curve Coefficients

Intercept: 0
Slope: 0.4687

Error Coefficients

Relative Standard Deviation: 15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.382756	50.0	2220344.0	0.382756	Y
2	IC 410-710355/13	4.0	1.871997	50.0	2465042.0	0.467999	Y
3	IC 410-710355/14	10.0	5.671272	50.0	3258431.0	0.567127	Y
4	IC 410-710355/15	20.0	7.277747	50.0	2207881.0	0.363887	Y
5	ICIS 410-710355/16	50.0	23.834527	50.0	2616813.0	0.476691	Y
6	IC 410-710355/17	100.0	53.463183	50.0	2663229.0	0.534632	Y
7	IC 410-710355/18	300.0	146.325922	50.0	2904606.0	0.487753	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

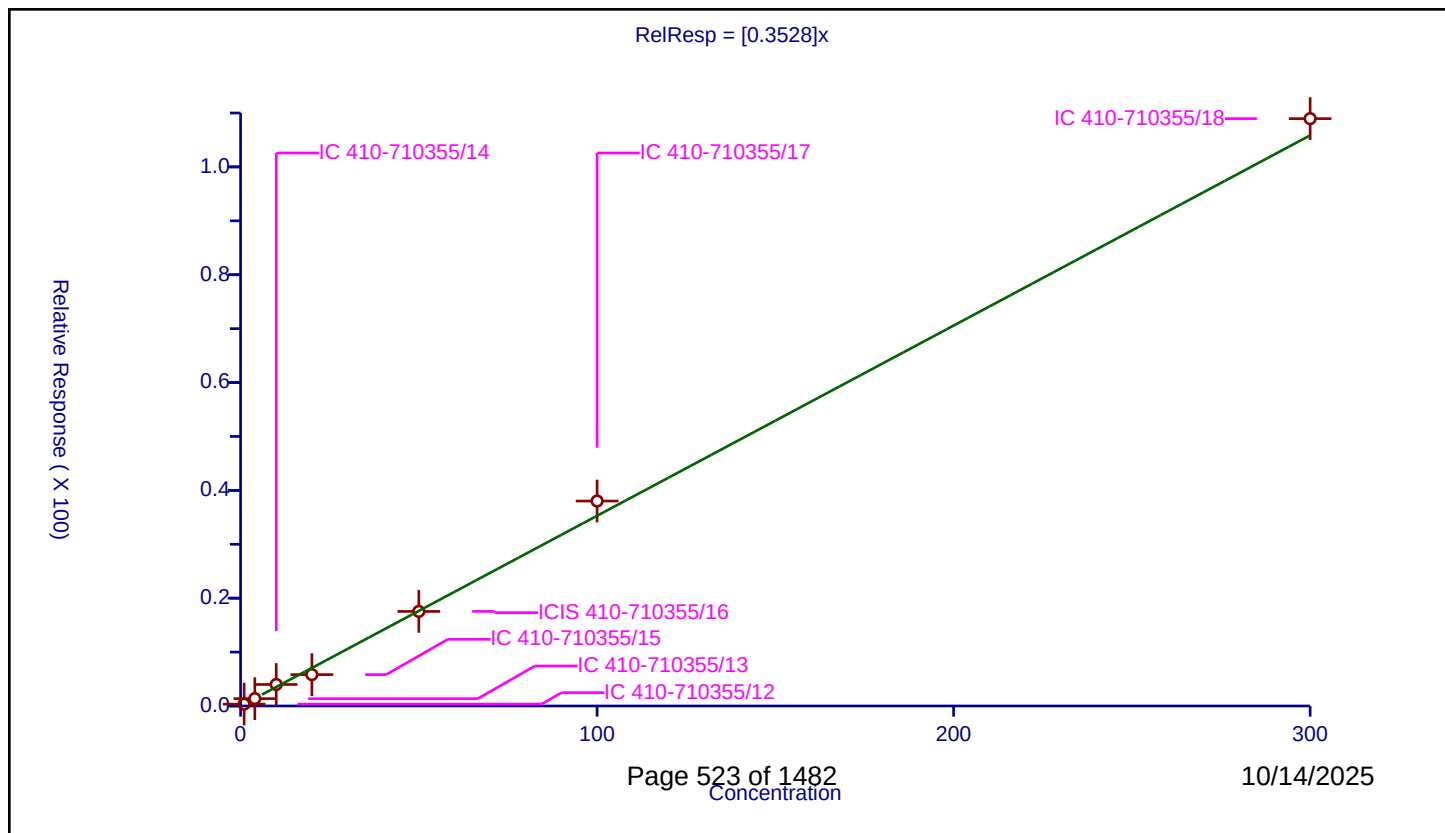
Curve Coefficients

Intercept: 0
Slope: 0.3528

Error Coefficients

Relative Standard Deviation: 9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.344676	50.0	2220344.0	0.344676	Y
2	IC 410-710355/13	4.0	1.364581	50.0	2465042.0	0.341145	Y
3	IC 410-710355/14	10.0	3.98764	50.0	3258431.0	0.398764	Y
4	IC 410-710355/15	20.0	5.819652	50.0	2207881.0	0.290983	Y
5	ICIS 410-710355/16	50.0	17.545121	50.0	2616813.0	0.350902	Y
6	IC 410-710355/17	100.0	38.016502	50.0	2663229.0	0.380165	Y
7	IC 410-710355/18	300.0	108.954795	50.0	2904606.0	0.363183	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

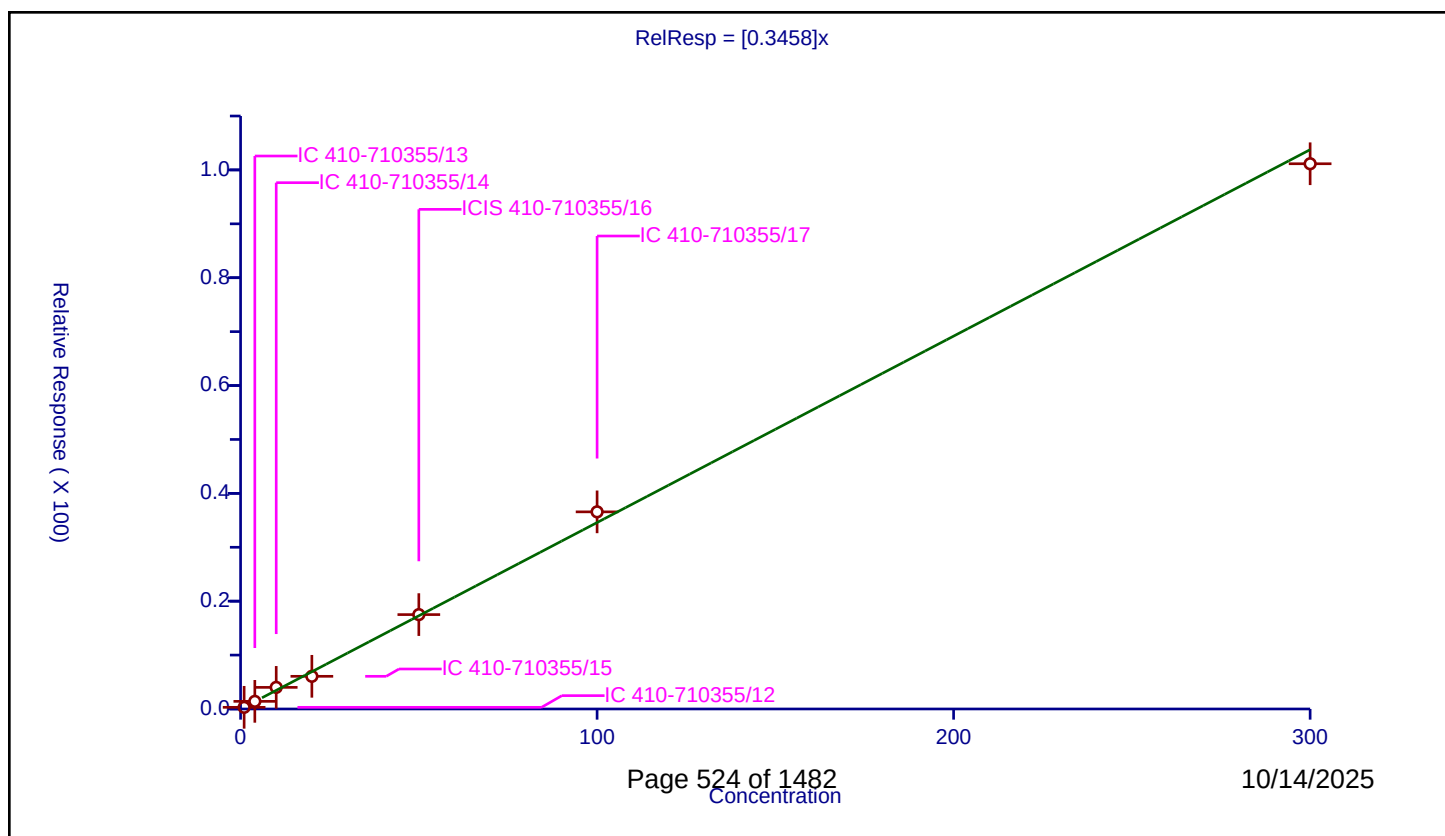
Curve Coefficients

Intercept: 0
Slope: 0.3458

Error Coefficients

Relative Standard Deviation: 9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.309502	50.0	2220344.0	0.309502	Y
2	IC 410-710355/13	4.0	1.418252	50.0	2465042.0	0.354563	Y
3	IC 410-710355/14	10.0	4.008923	50.0	3258431.0	0.400892	Y
4	IC 410-710355/15	20.0	6.060087	50.0	2207881.0	0.303004	Y
5	ICIS 410-710355/16	50.0	17.507116	50.0	2616813.0	0.350142	Y
6	IC 410-710355/17	100.0	36.569931	50.0	2663229.0	0.365699	Y
7	IC 410-710355/18	300.0	101.143821	50.0	2904606.0	0.337146	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

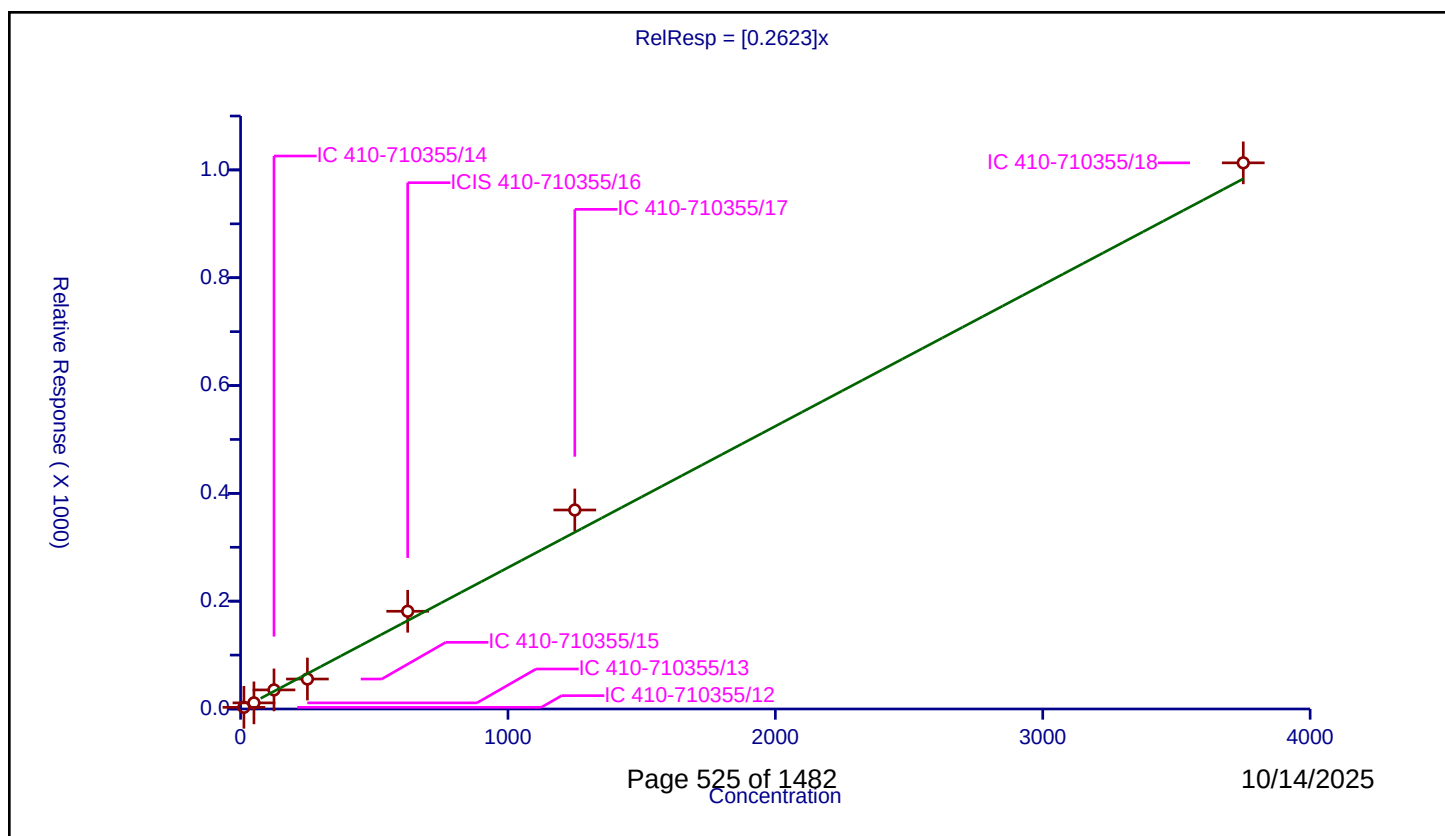
Curve Coefficients

Intercept: 0
Slope: 0.2623

Error Coefficients

Relative Standard Deviation: 11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	12.5	3.09609	250.0	1926785.0	0.247687	Y
2	IC 410-710355/13	50.0	11.356316	250.0	1976081.0	0.227126	Y
3	IC 410-710355/14	125.0	35.414906	250.0	2740788.0	0.283319	Y
4	IC 410-710355/15	250.0	55.566151	250.0	1753878.0	0.222265	Y
5	ICIS 410-710355/16	625.0	181.288114	250.0	2093728.0	0.290061	Y
6	IC 410-710355/17	1250.0	369.141238	250.0	1943030.0	0.295313	Y
7	IC 410-710355/18	3750.0	1013.109923	250.0	2125146.0	0.270163	Y



Calibration

/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

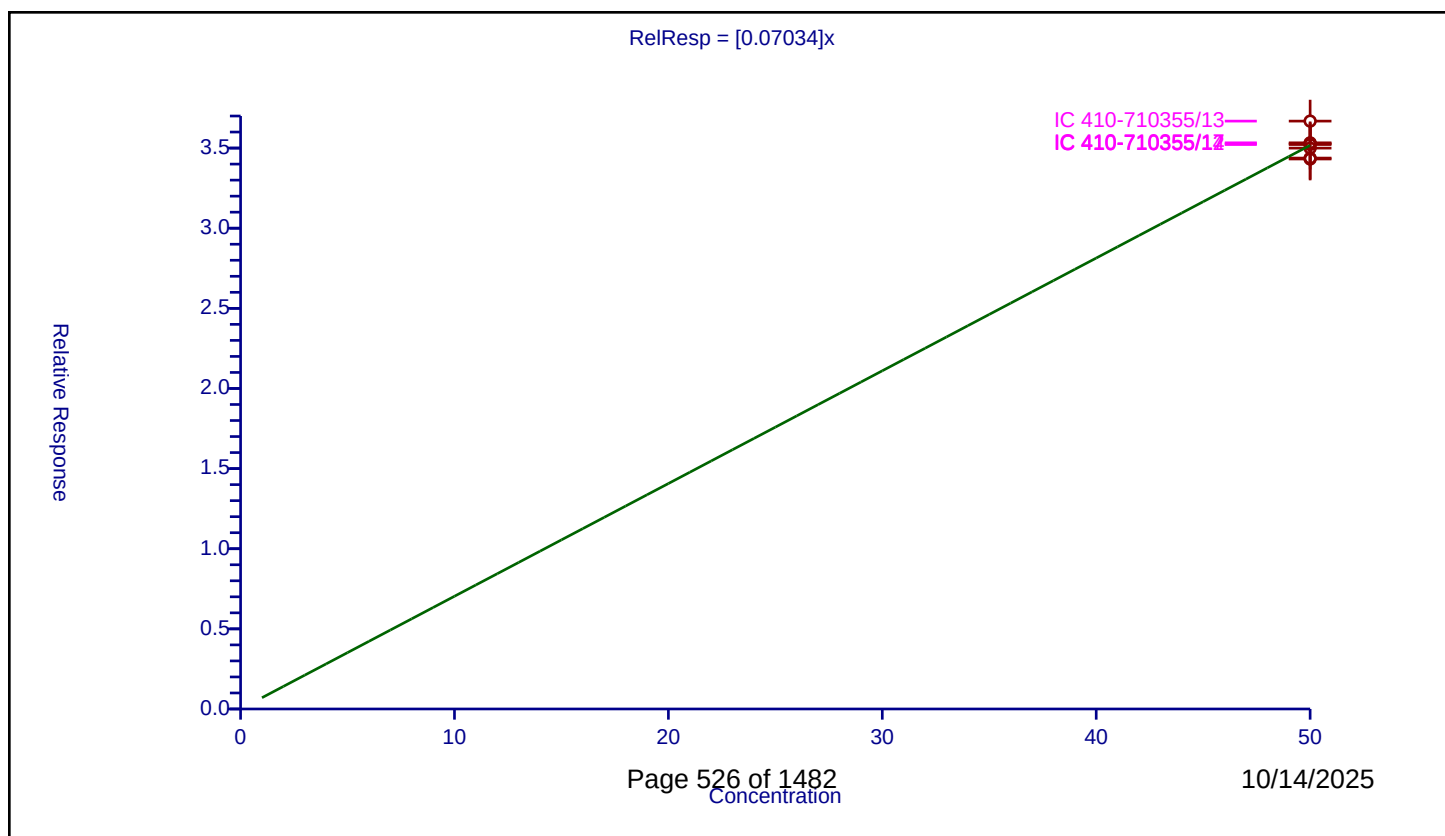
Curve Coefficients

Intercept: 0
 Slope: 0.07034

Error Coefficients

Relative Standard Deviation: 2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	50.0	3.527516	50.0	2220344.0	0.07055	Y
2	IC 410-710355/13	50.0	3.668234	50.0	2465042.0	0.073365	Y
3	IC 410-710355/14	50.0	3.521987	50.0	3258431.0	0.07044	Y
4	IC 410-710355/15	50.0	3.431843	50.0	2207881.0	0.068637	Y
5	ICIS 410-710355/16	50.0	3.499677	50.0	2616813.0	0.069994	Y
6	IC 410-710355/17	50.0	3.53276	50.0	2663229.0	0.070655	Y
7	IC 410-710355/18	50.0	3.437575	50.0	2904606.0	0.068751	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

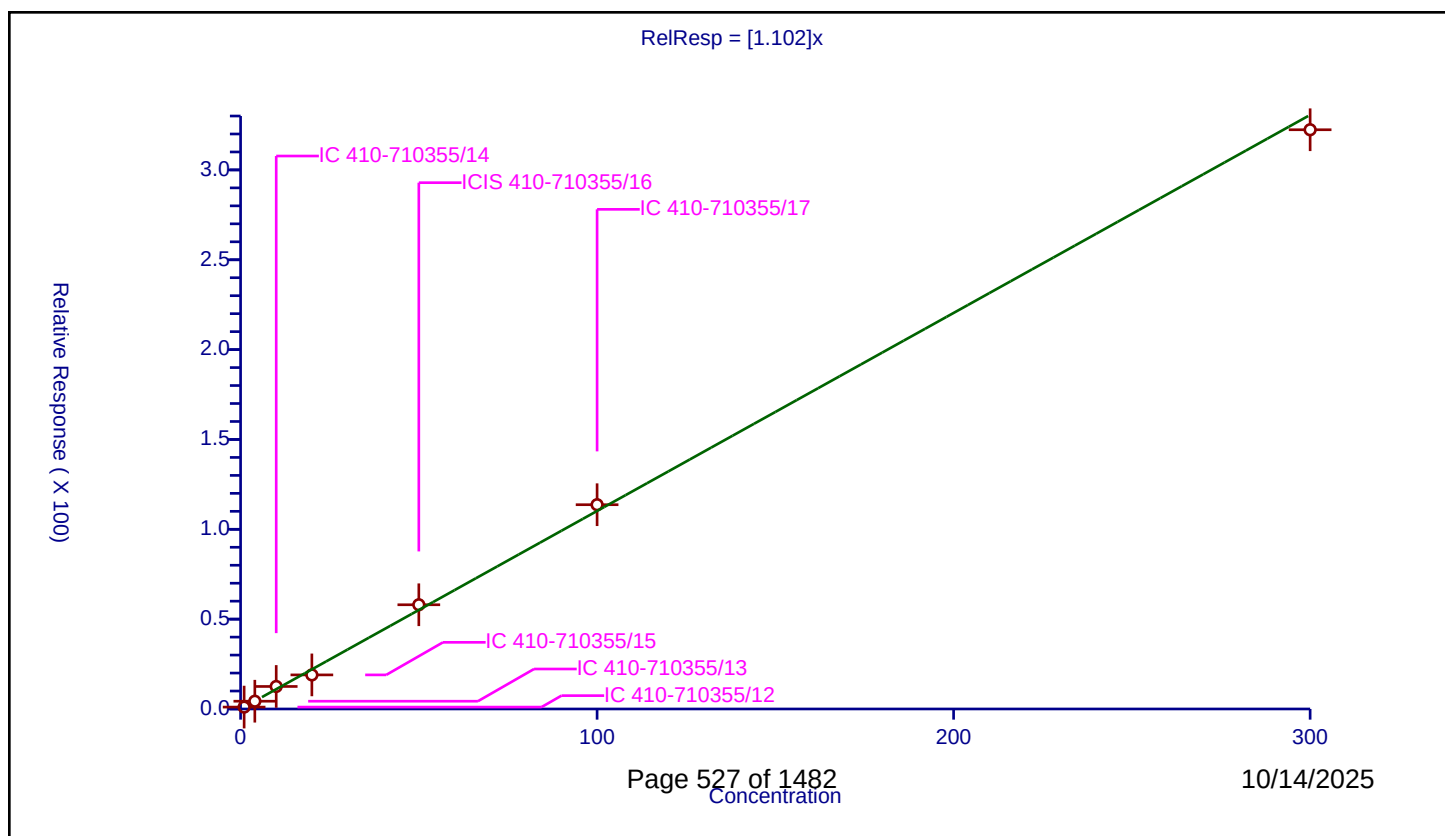
Curve Coefficients

Intercept: 0
Slope: 1.102

Error Coefficients

Relative Standard Deviation: 8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.057764	50.0	2220344.0	1.057764	Y
2	IC 410-710355/13	4.0	4.33023	50.0	2465042.0	1.082558	Y
3	IC 410-710355/14	10.0	12.535236	50.0	3258431.0	1.253524	Y
4	IC 410-710355/15	20.0	18.978853	50.0	2207881.0	0.948943	Y
5	ICIS 410-710355/16	50.0	58.000858	50.0	2616813.0	1.160017	Y
6	IC 410-710355/17	100.0	113.685736	50.0	2663229.0	1.136857	Y
7	IC 410-710355/18	300.0	322.357352	50.0	2904606.0	1.074525	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

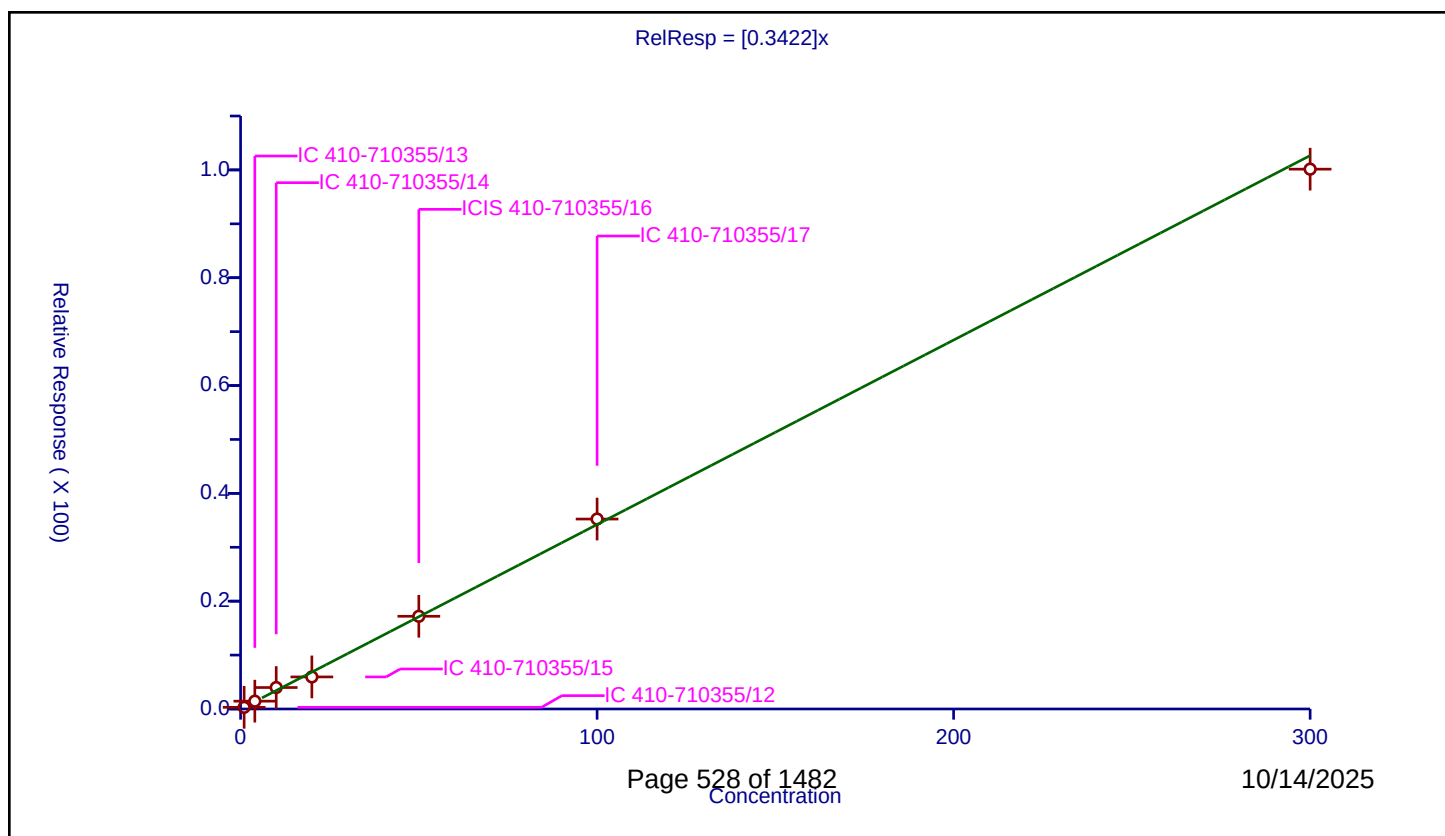
Curve Coefficients

Intercept: 0
Slope: 0.3422

Error Coefficients

Relative Standard Deviation: 9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.307272	50.0	2220344.0	0.307272	Y
2	IC 410-710355/13	4.0	1.450868	50.0	2465042.0	0.362717	Y
3	IC 410-710355/14	10.0	3.979308	50.0	3258431.0	0.397931	Y
4	IC 410-710355/15	20.0	5.947603	50.0	2207881.0	0.29738	Y
5	ICIS 410-710355/16	50.0	17.195459	50.0	2616813.0	0.343909	Y
6	IC 410-710355/17	100.0	35.235423	50.0	2663229.0	0.352354	Y
7	IC 410-710355/18	300.0	100.142808	50.0	2904606.0	0.333809	Y



Calibration

/ Tert-amyl methyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

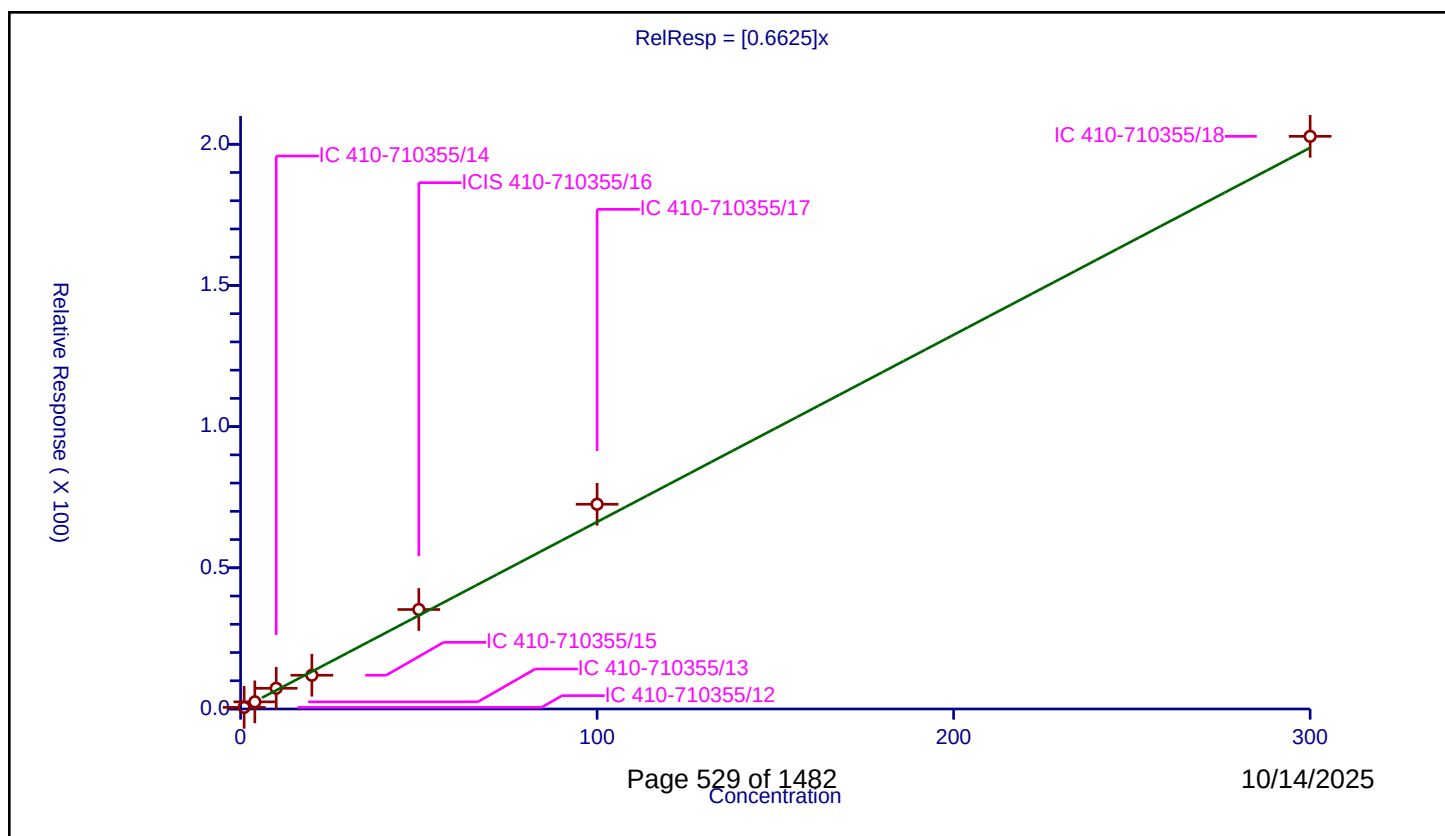
Curve Coefficients

Intercept: 0
Slope: 0.6625

Error Coefficients

Relative Standard Deviation: 9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.569979	50.0	2220344.0	0.569979	Y
2	IC 410-710355/13	4.0	2.523385	50.0	2465042.0	0.630846	Y
3	IC 410-710355/14	10.0	7.336107	50.0	3258431.0	0.733611	Y
4	IC 410-710355/15	20.0	11.951459	50.0	2207881.0	0.597573	Y
5	ICIS 410-710355/16	50.0	35.228463	50.0	2616813.0	0.704569	Y
6	IC 410-710355/17	100.0	72.502196	50.0	2663229.0	0.725022	Y
7	IC 410-710355/18	300.0	202.801086	50.0	2904606.0	0.676004	Y



Calibration

/ n-Heptane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

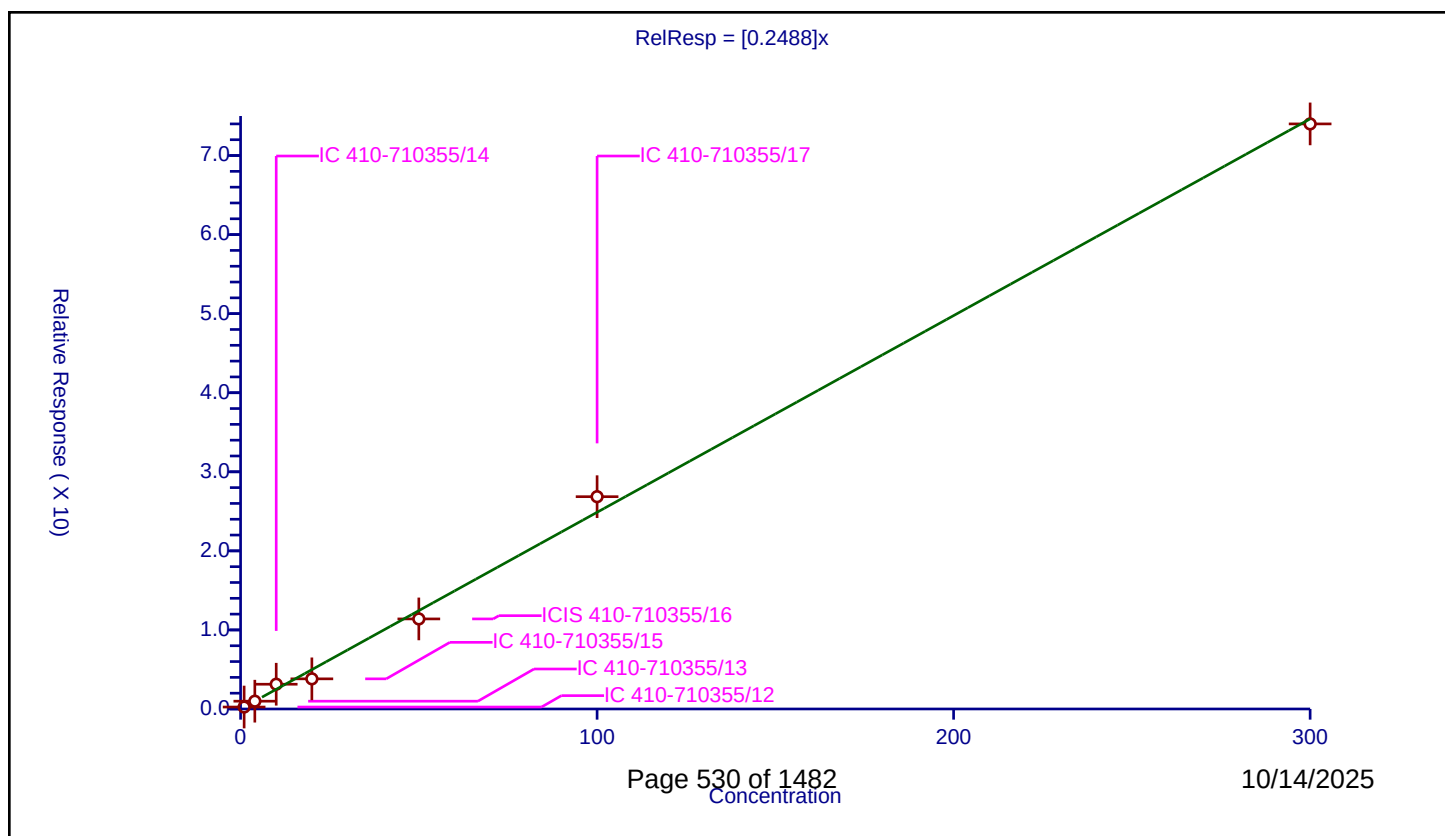
Curve Coefficients

Intercept: 0
Slope: 0.2488

Error Coefficients

Relative Standard Deviation: 15.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.248137	50.0	2220344.0	0.248137	Y
2	IC 410-710355/13	4.0	0.986778	50.0	2465042.0	0.246695	Y
3	IC 410-710355/14	10.0	3.131001	50.0	3258431.0	0.3131	Y
4	IC 410-710355/15	20.0	3.811392	50.0	2207881.0	0.19057	Y
5	ICIS 410-710355/16	50.0	11.39065	50.0	2616813.0	0.227813	Y
6	IC 410-710355/17	100.0	26.852911	50.0	2663229.0	0.268529	Y
7	IC 410-710355/18	300.0	74.003135	50.0	2904606.0	0.246677	Y



Calibration

/ n-Butanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

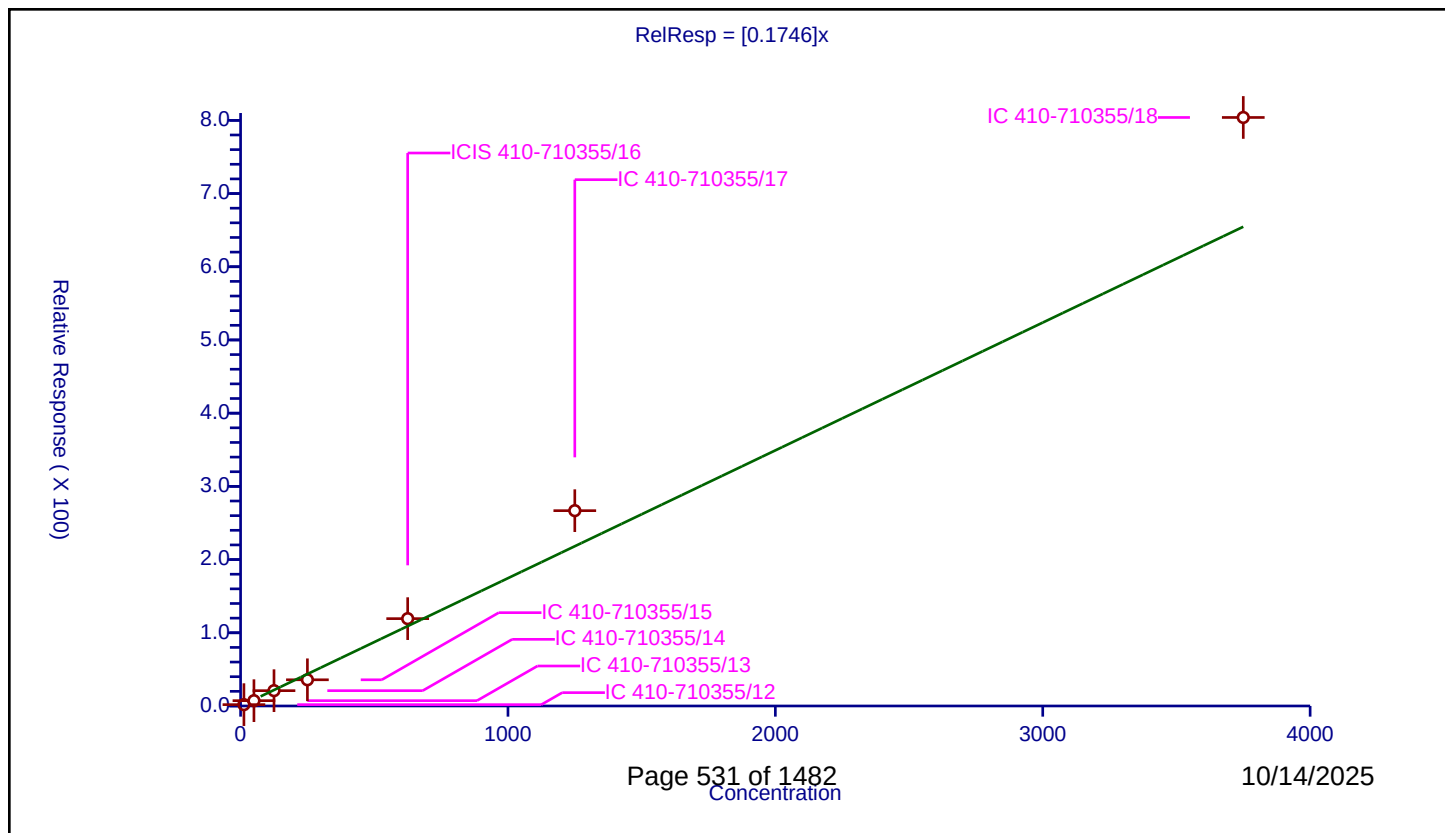
Curve Coefficients

Intercept: 0
Slope: 0.1746

Error Coefficients

Relative Standard Deviation: 18.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	12.5	1.843096	250.0	1926785.0	0.147448	Y
2	IC 410-710355/13	50.0	7.259318	250.0	1976081.0	0.145186	Y
3	IC 410-710355/14	125.0	20.93668	250.0	2740788.0	0.167493	Y
4	IC 410-710355/15	250.0	35.791543	250.0	1753878.0	0.143166	Y
5	ICIS 410-710355/16	625.0	119.312418	250.0	2093728.0	0.1909	Y
6	IC 410-710355/17	1250.0	266.819092	250.0	1943030.0	0.213455	Y
7	IC 410-710355/18	3750.0	803.917472	250.0	2125146.0	0.214378	Y



Calibration

/ Trichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

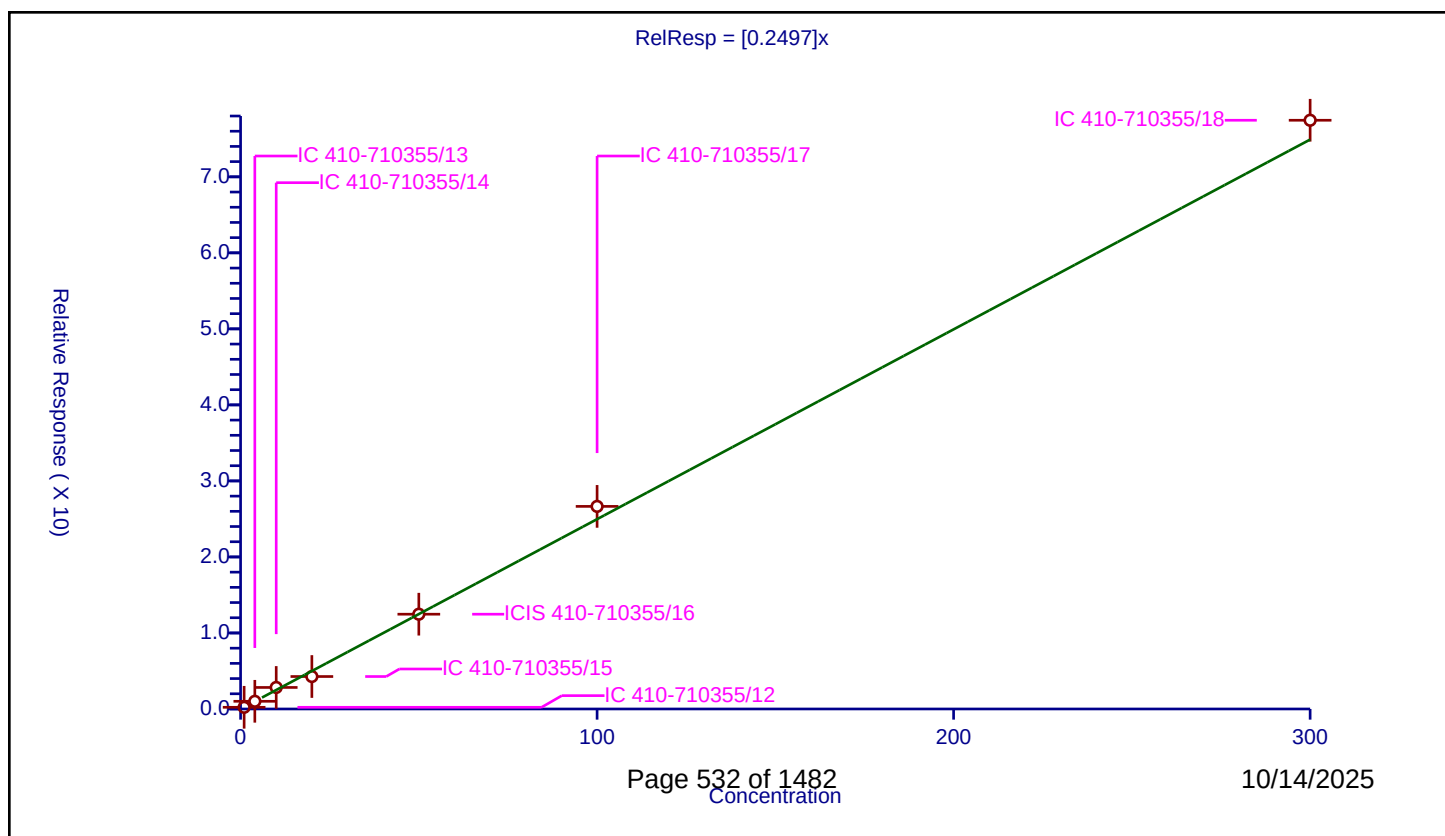
Curve Coefficients

Intercept: 0
Slope: 0.2497

Error Coefficients

Relative Standard Deviation: 9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.223546	50.0	2220344.0	0.223546	Y
2	IC 410-710355/13	4.0	1.013167	50.0	2465042.0	0.253292	Y
3	IC 410-710355/14	10.0	2.834079	50.0	3258431.0	0.283408	Y
4	IC 410-710355/15	20.0	4.27009	50.0	2207881.0	0.213504	Y
5	ICIS 410-710355/16	50.0	12.469252	50.0	2616813.0	0.249385	Y
6	IC 410-710355/17	100.0	26.648553	50.0	2663229.0	0.266486	Y
7	IC 410-710355/18	300.0	77.44207	50.0	2904606.0	0.25814	Y



Calibration

/ Methylcyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

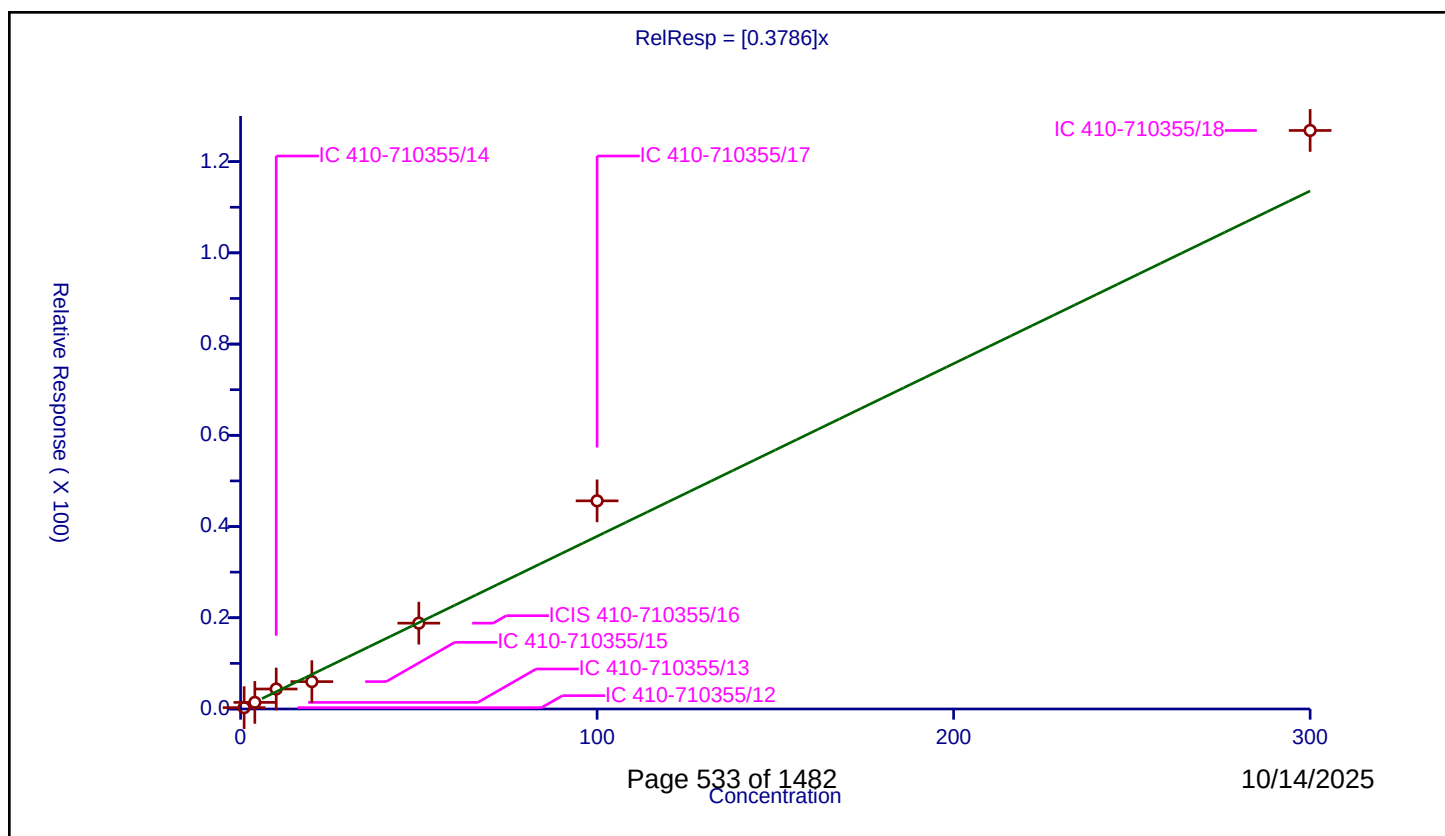
Curve Coefficients

Intercept: 0
Slope: 0.3786

Error Coefficients

Relative Standard Deviation: 17.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.293986	50.0	2220344.0	0.293986	Y
2	IC 410-710355/13	4.0	1.44963	50.0	2465042.0	0.362408	Y
3	IC 410-710355/14	10.0	4.379807	50.0	3258431.0	0.437981	Y
4	IC 410-710355/15	20.0	6.002837	50.0	2207881.0	0.300142	Y
5	ICIS 410-710355/16	50.0	18.816706	50.0	2616813.0	0.376334	Y
6	IC 410-710355/17	100.0	45.63481	50.0	2663229.0	0.456348	Y
7	IC 410-710355/18	300.0	126.832641	50.0	2904606.0	0.422775	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

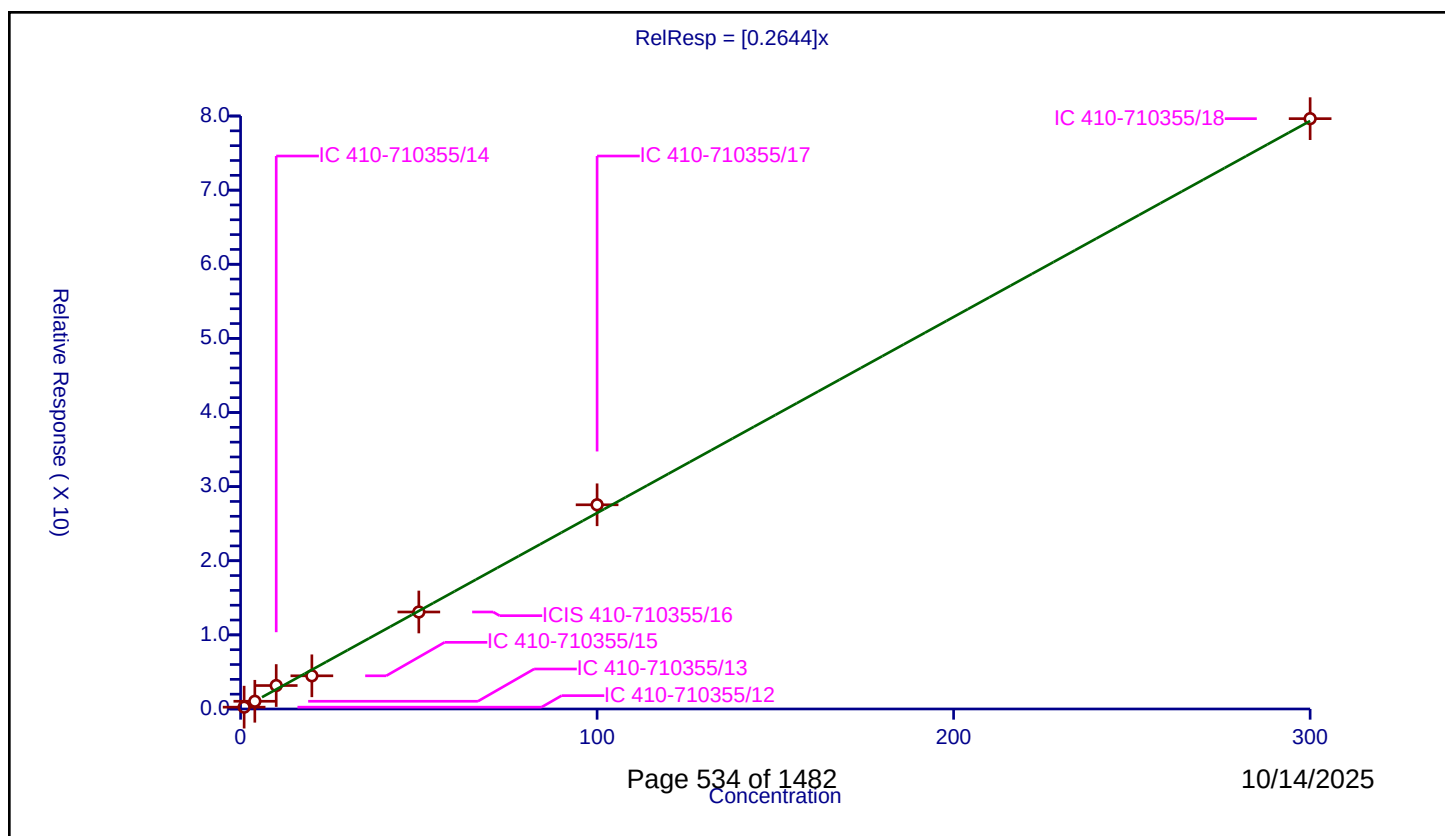
Curve Coefficients

Intercept: 0
Slope: 0.2644

Error Coefficients

Relative Standard Deviation: 10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.247574	50.0	2220344.0	0.247574	Y
2	IC 410-710355/13	4.0	1.043147	50.0	2465042.0	0.260787	Y
3	IC 410-710355/14	10.0	3.162964	50.0	3258431.0	0.316296	Y
4	IC 410-710355/15	20.0	4.475604	50.0	2207881.0	0.22378	Y
5	ICIS 410-710355/16	50.0	13.084771	50.0	2616813.0	0.261695	Y
6	IC 410-710355/17	100.0	27.549677	50.0	2663229.0	0.275497	Y
7	IC 410-710355/18	300.0	79.64359	50.0	2904606.0	0.265479	Y



Calibration

/ 2-ethoxy-2-methyl butane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

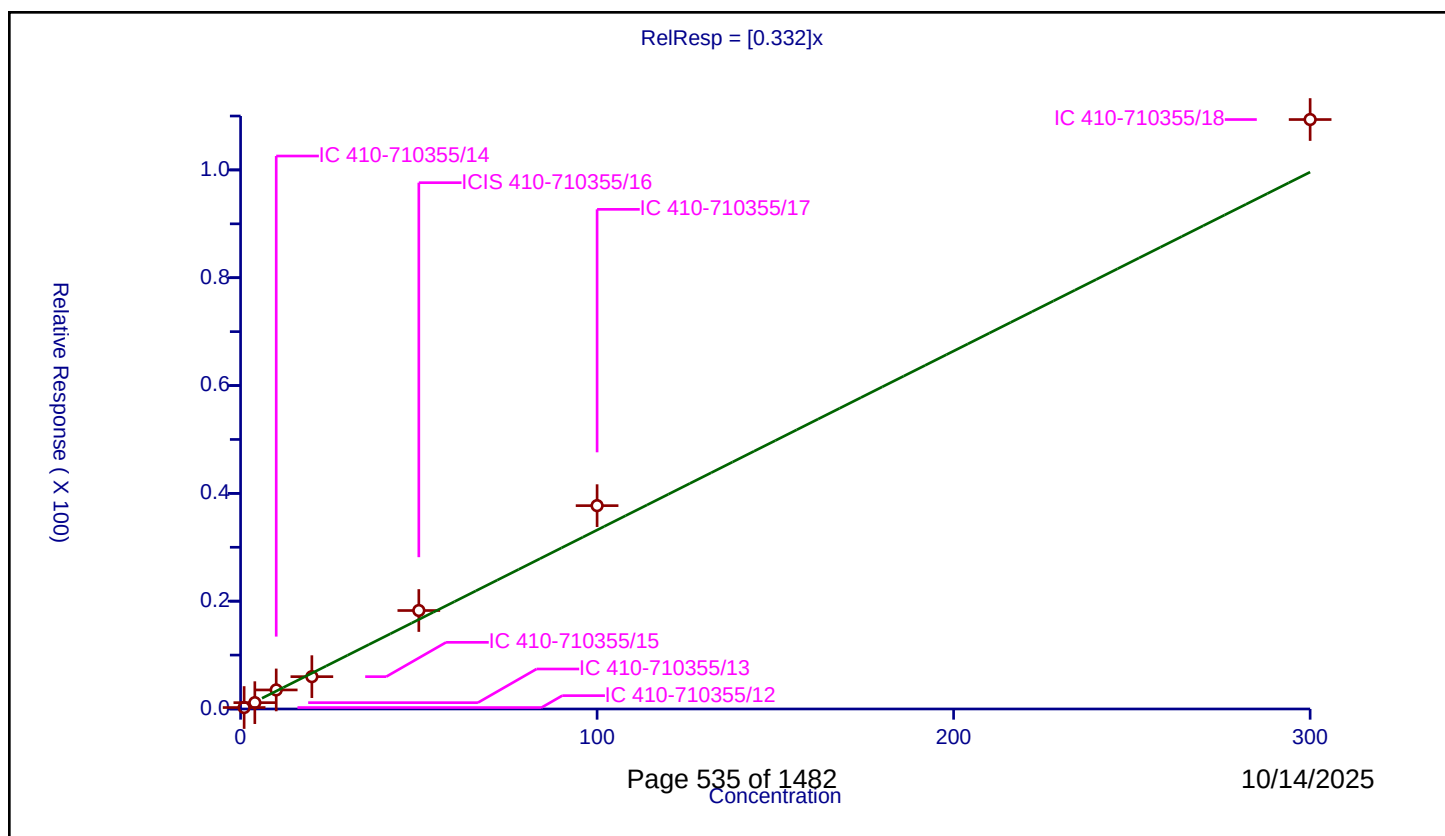
Curve Coefficients

Intercept: 0
Slope: 0.332

Error Coefficients

Relative Standard Deviation: 12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.269665	50.0	2220344.0	0.269665	Y
2	IC 410-710355/13	4.0	1.176187	50.0	2465042.0	0.294047	Y
3	IC 410-710355/14	10.0	3.532406	50.0	3258431.0	0.353241	Y
4	IC 410-710355/15	20.0	5.998149	50.0	2207881.0	0.299907	Y
5	ICIS 410-710355/16	50.0	18.268271	50.0	2616813.0	0.365365	Y
6	IC 410-710355/17	100.0	37.723605	50.0	2663229.0	0.377236	Y
7	IC 410-710355/18	300.0	109.346569	50.0	2904606.0	0.364489	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

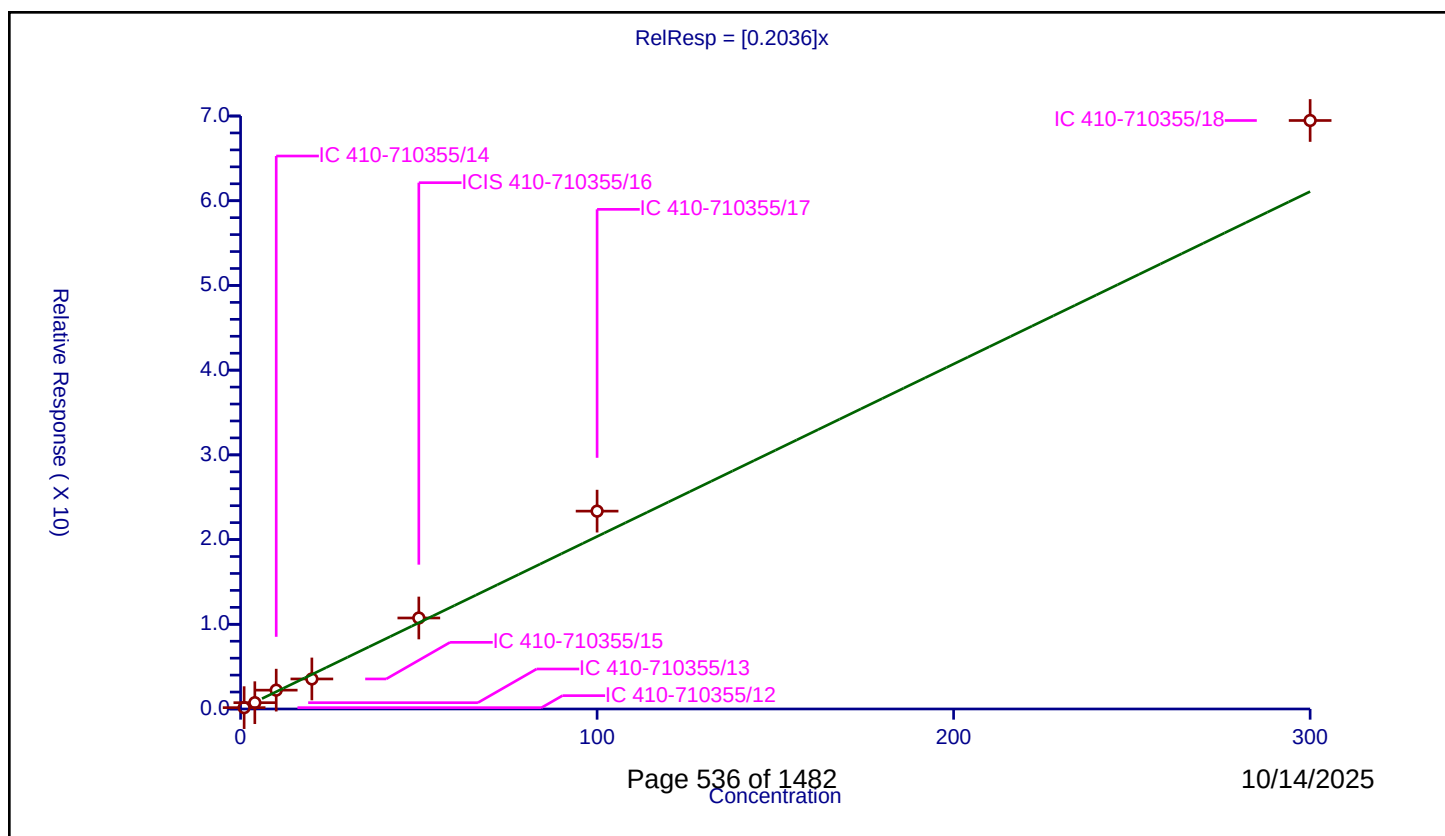
Curve Coefficients

Intercept: 0
Slope: 0.2036

Error Coefficients

Relative Standard Deviation: 14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.159435	50.0	2220344.0	0.159435	Y
2	IC 410-710355/13	4.0	0.744632	50.0	2465042.0	0.186158	Y
3	IC 410-710355/14	10.0	2.223202	50.0	3258431.0	0.22232	Y
4	IC 410-710355/15	20.0	3.54693	50.0	2207881.0	0.177347	Y
5	ICIS 410-710355/16	50.0	10.741501	50.0	2616813.0	0.21483	Y
6	IC 410-710355/17	100.0	23.35691	50.0	2663229.0	0.233569	Y
7	IC 410-710355/18	300.0	69.470679	50.0	2904606.0	0.231569	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

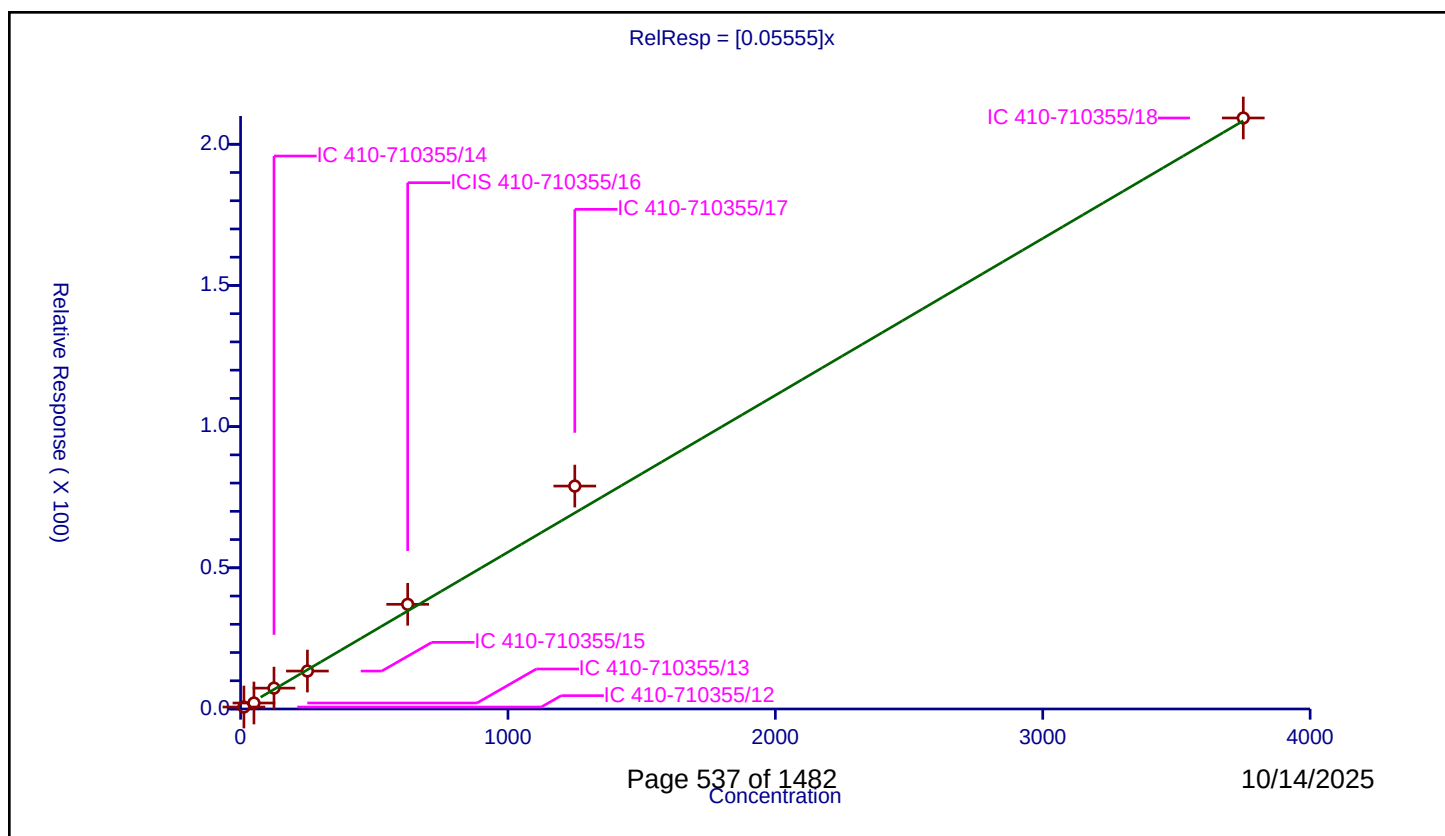
Curve Coefficients

Intercept: 0
Slope: 0.05555

Error Coefficients

Relative Standard Deviation: 11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	12.5	0.690658	250.0	1926785.0	0.055253	Y
2	IC 410-710355/13	50.0	2.122003	250.0	1976081.0	0.04244	Y
3	IC 410-710355/14	125.0	7.392035	250.0	2740788.0	0.059136	Y
4	IC 410-710355/15	250.0	13.429954	250.0	1753878.0	0.05372	Y
5	ICIS 410-710355/16	625.0	37.0743	250.0	2093728.0	0.059319	Y
6	IC 410-710355/17	1250.0	78.947958	250.0	1943030.0	0.063158	Y
7	IC 410-710355/18	3750.0	209.30409	250.0	2125146.0	0.055814	Y



Calibration

/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

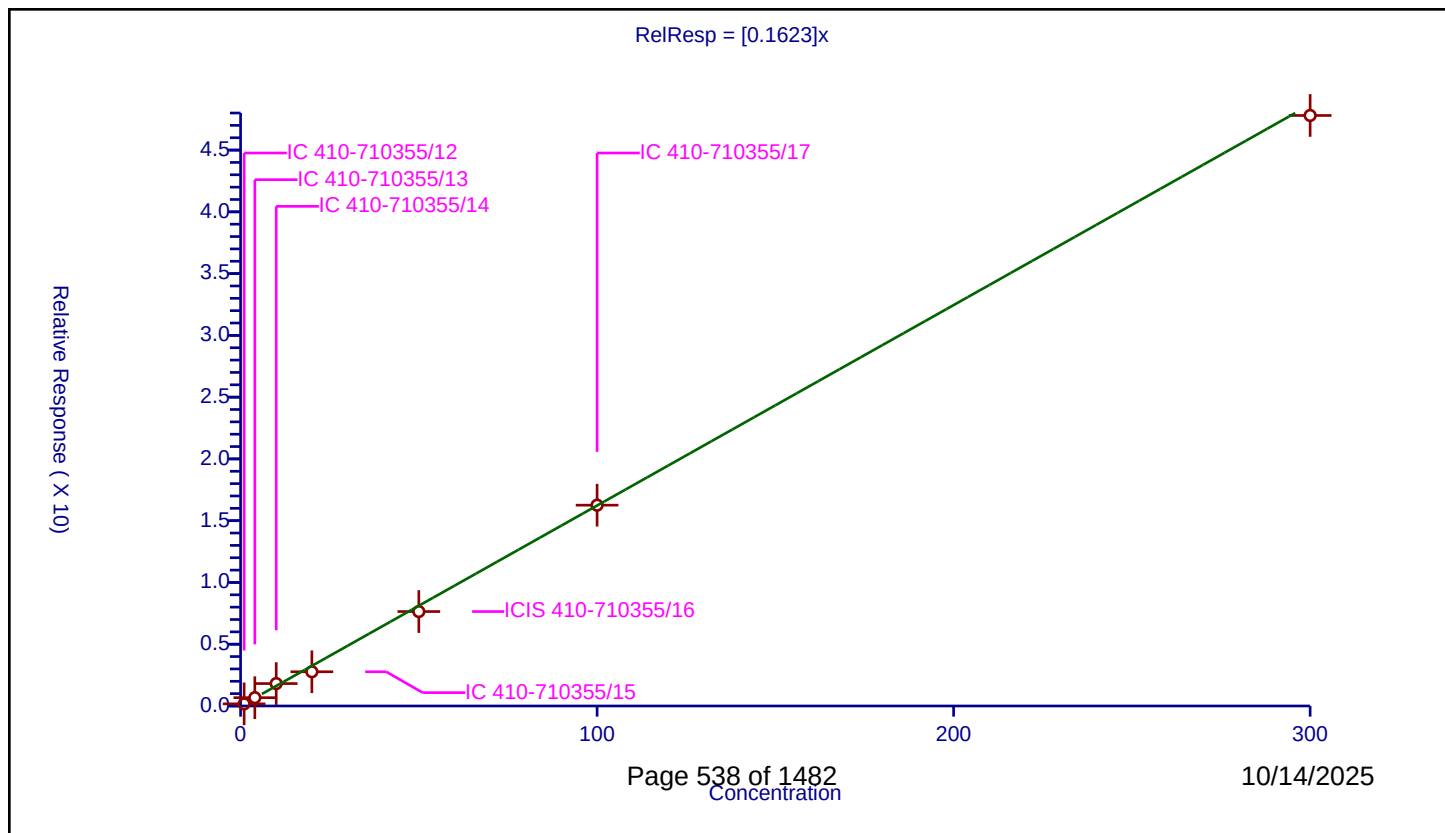
Curve Coefficients

Intercept: 0
Slope: 0.1623

Error Coefficients

Relative Standard Deviation: 8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.173036	50.0	2220344.0	0.173036	Y
2	IC 410-710355/13	4.0	0.672666	50.0	2465042.0	0.168167	Y
3	IC 410-710355/14	10.0	1.813235	50.0	3258431.0	0.181323	Y
4	IC 410-710355/15	20.0	2.770869	50.0	2207881.0	0.138543	Y
5	ICIS 410-710355/16	50.0	7.643802	50.0	2616813.0	0.152876	Y
6	IC 410-710355/17	100.0	16.25553	50.0	2663229.0	0.162555	Y
7	IC 410-710355/18	300.0	47.801457	50.0	2904606.0	0.159338	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

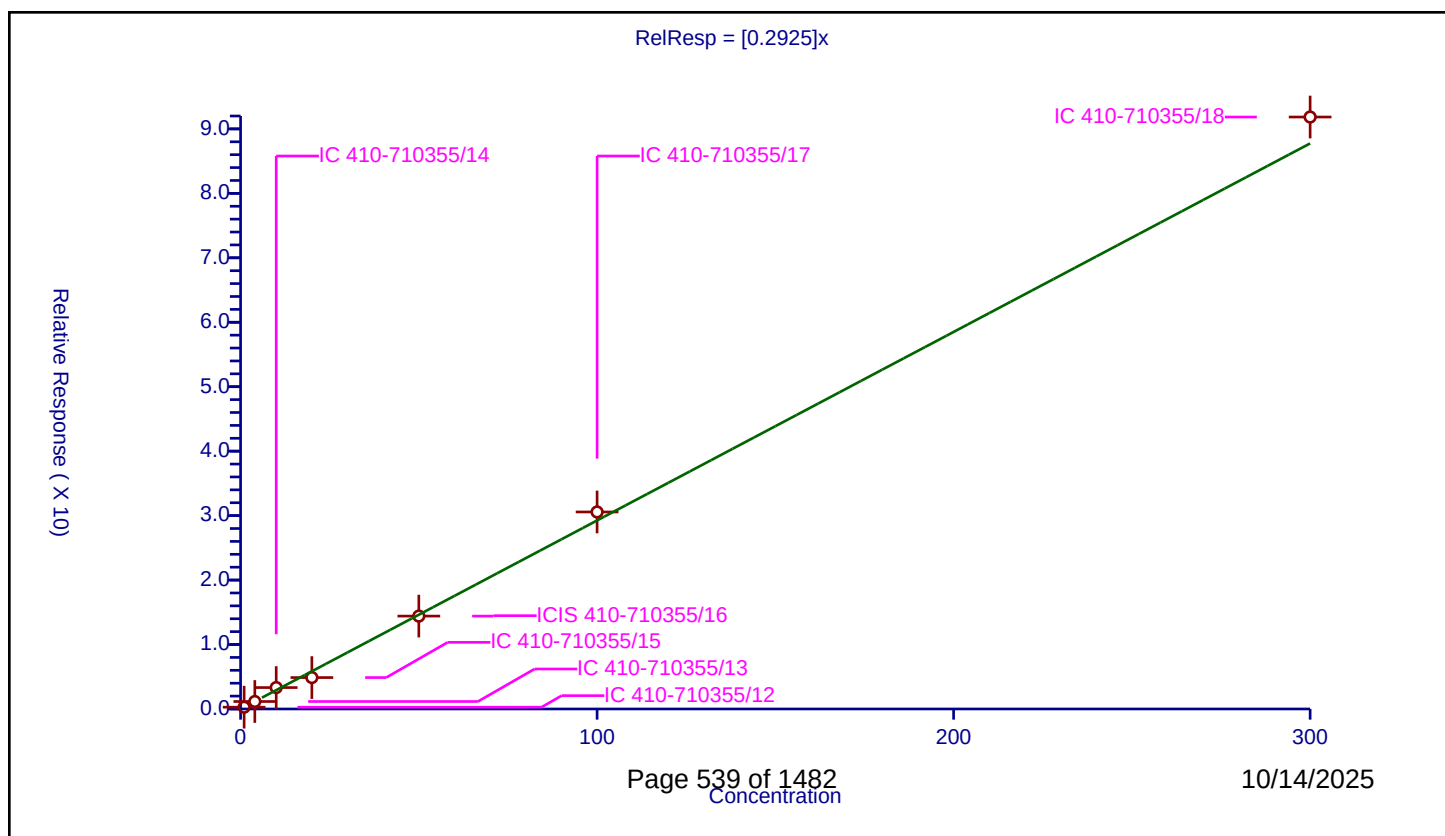
Curve Coefficients

Intercept: 0
 Slope: 0.2925

Error Coefficients

Relative Standard Deviation: 9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.280835	50.0	2220344.0	0.280835	Y
2	IC 410-710355/13	4.0	1.161968	50.0	2465042.0	0.290492	Y
3	IC 410-710355/14	10.0	3.324054	50.0	3258431.0	0.332405	Y
4	IC 410-710355/15	20.0	4.874017	50.0	2207881.0	0.243701	Y
5	ICIS 410-710355/16	50.0	14.410907	50.0	2616813.0	0.288218	Y
6	IC 410-710355/17	100.0	30.567424	50.0	2663229.0	0.305674	Y
7	IC 410-710355/18	300.0	91.841923	50.0	2904606.0	0.30614	Y



Calibration

/ 2-Nitropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

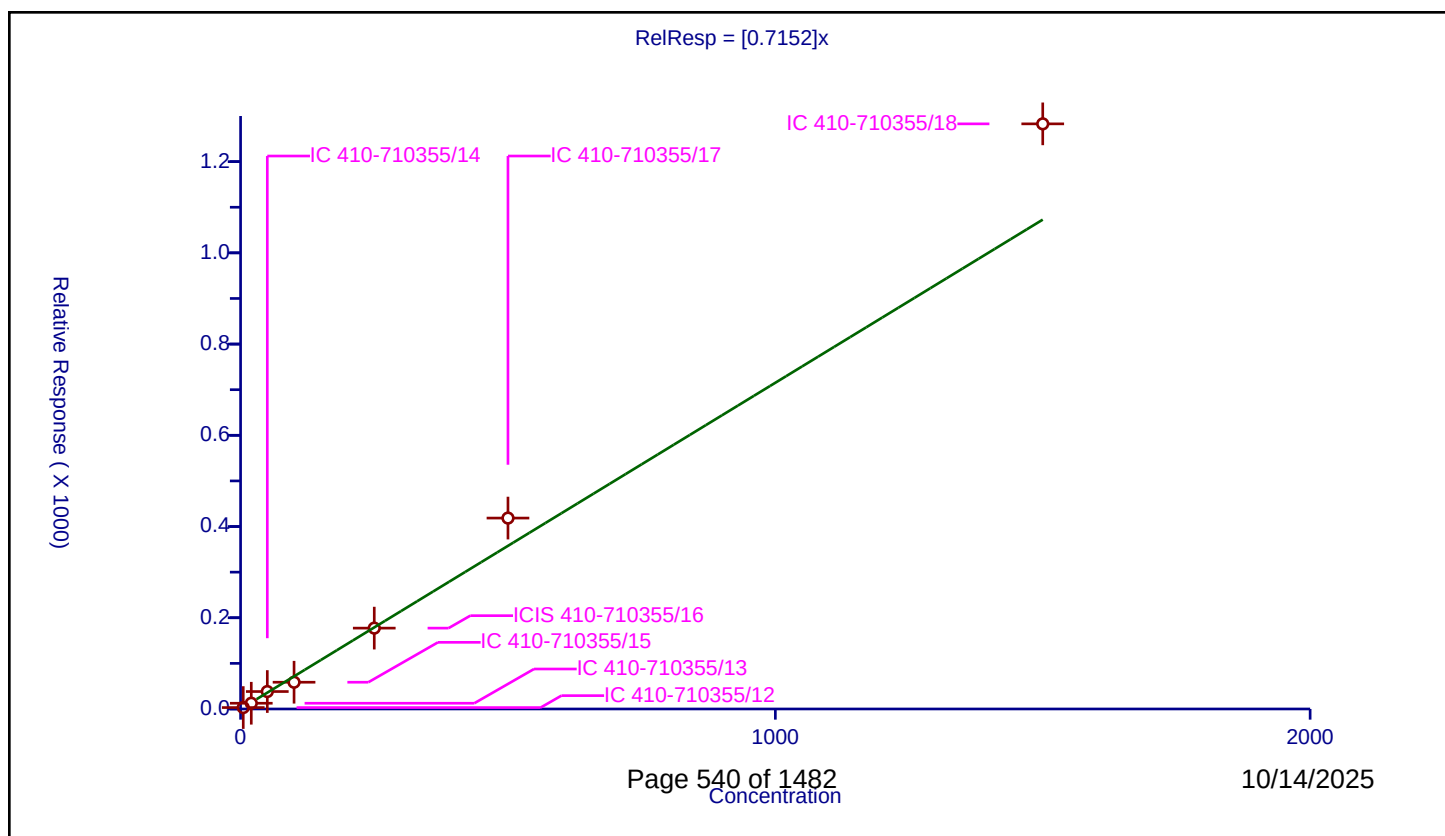
Curve Coefficients

Intercept: 0
 Slope: 0.7152

Error Coefficients

Relative Standard Deviation: 15.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	5.0	3.110622	250.0	1926785.0	0.622124	Y
2	IC 410-710355/13	20.0	12.61588	250.0	1976081.0	0.630794	Y
3	IC 410-710355/14	50.0	38.28087	250.0	2740788.0	0.765617	Y
4	IC 410-710355/15	100.0	58.645328	250.0	1753878.0	0.586453	Y
5	ICIS 410-710355/16	250.0	177.279355	250.0	2093728.0	0.709117	Y
6	IC 410-710355/17	500.0	418.559415	250.0	1943030.0	0.837119	Y
7	IC 410-710355/18	1500.0	1282.796805	250.0	2125146.0	0.855198	Y



Calibration

/ 2-Chloroethyl vinyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

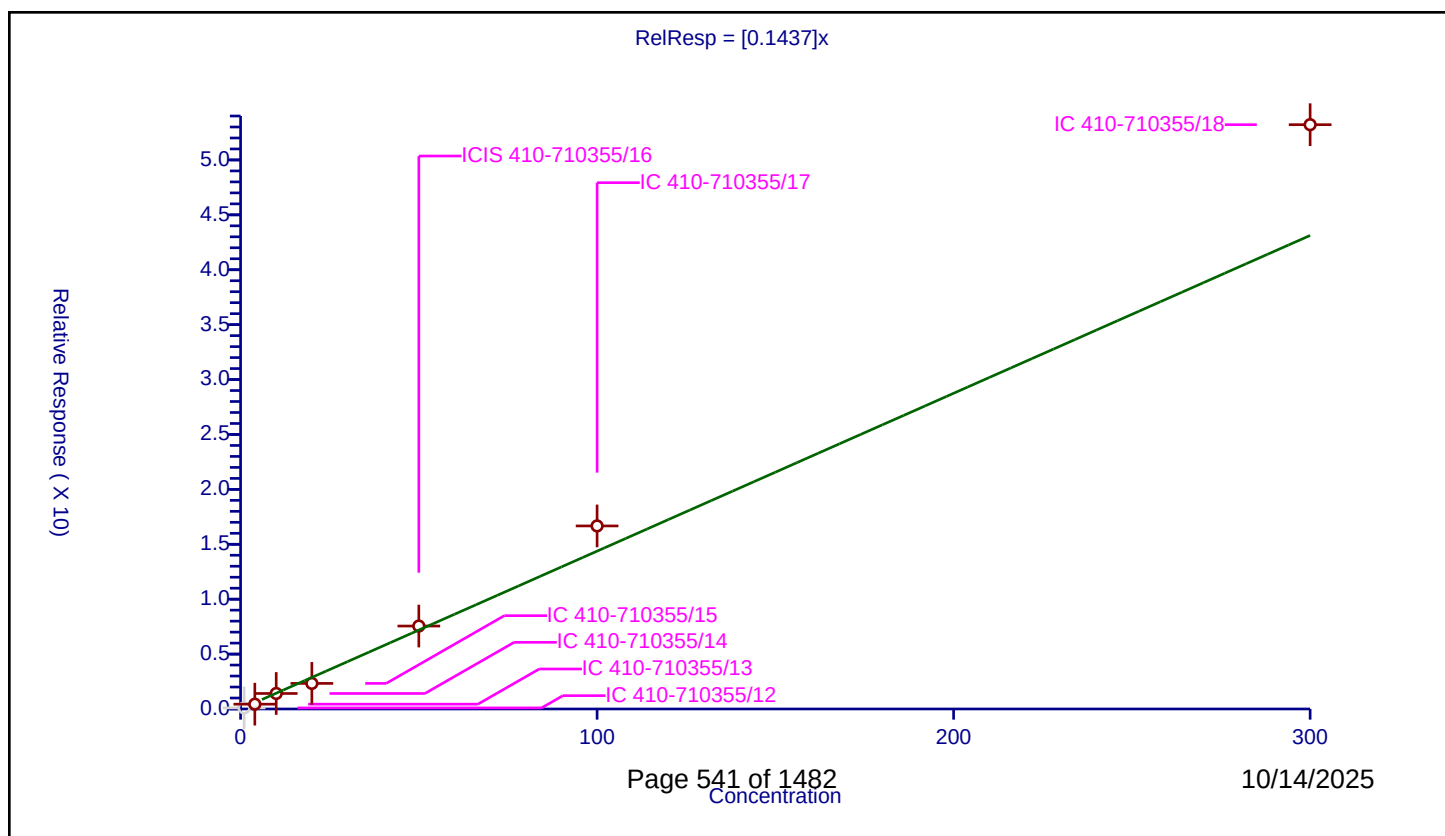
Curve Coefficients

Intercept: 0
Slope: 0.1437

Error Coefficients

Relative Standard Deviation: 18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.09771	50.0	2220344.0	0.09771	N
2	IC 410-710355/13	4.0	0.438573	50.0	2465042.0	0.109643	Y
3	IC 410-710355/14	10.0	1.412321	50.0	3258431.0	0.141232	Y
4	IC 410-710355/15	20.0	2.329179	50.0	2207881.0	0.116459	Y
5	ICIS 410-710355/16	50.0	7.552871	50.0	2616813.0	0.151057	Y
6	IC 410-710355/17	100.0	16.67106	50.0	2663229.0	0.166711	Y
7	IC 410-710355/18	300.0	53.210194	50.0	2904606.0	0.177367	Y



Calibration

/ cis-1,3-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

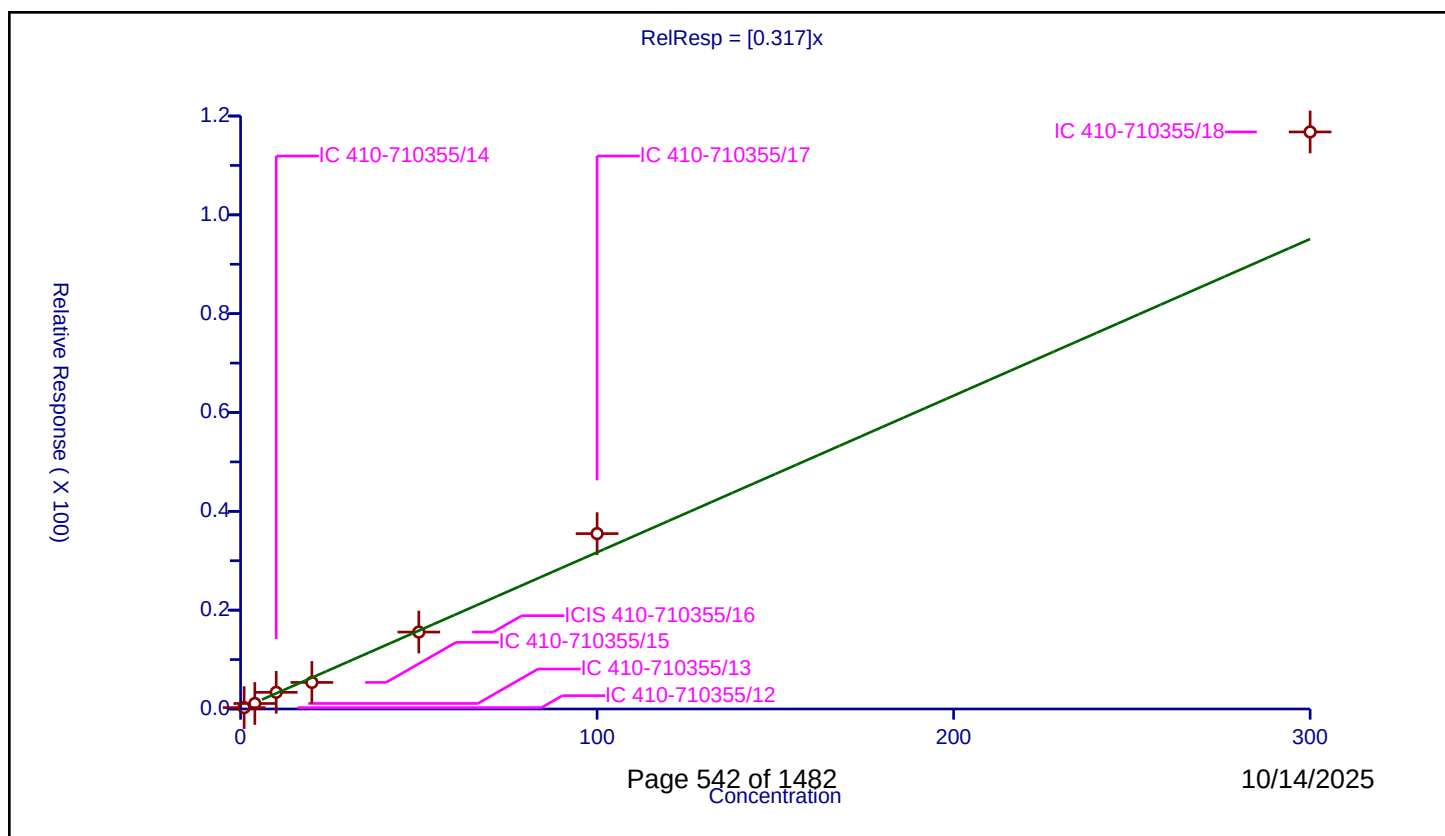
Curve Coefficients

Intercept: 0
 Slope: 0.317

Error Coefficients

Relative Standard Deviation: 14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.278876	50.0	2220344.0	0.278876	Y
2	IC 410-710355/13	4.0	1.115944	50.0	2465042.0	0.278986	Y
3	IC 410-710355/14	10.0	3.370441	50.0	3258431.0	0.337044	Y
4	IC 410-710355/15	20.0	5.375924	50.0	2207881.0	0.268796	Y
5	ICIS 410-710355/16	50.0	15.568212	50.0	2616813.0	0.311364	Y
6	IC 410-710355/17	100.0	35.488236	50.0	2663229.0	0.354882	Y
7	IC 410-710355/18	300.0	116.776406	50.0	2904606.0	0.389255	Y



Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

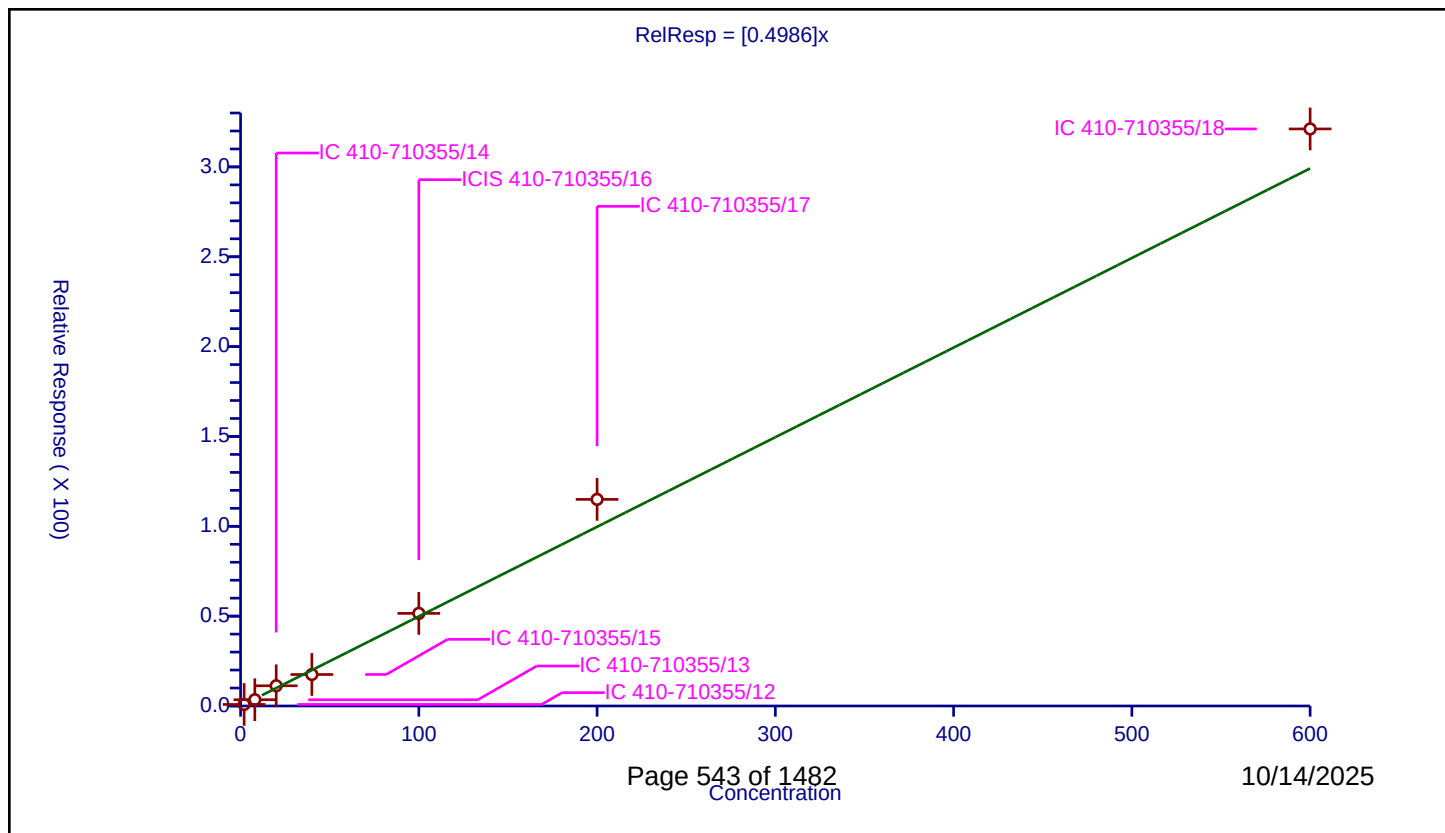
Curve Coefficients

Intercept: 0
Slope: 0.4986

Error Coefficients

Relative Standard Deviation: 12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	2.0	0.859101	50.0	2220344.0	0.429551	Y
2	IC 410-710355/13	8.0	3.484221	50.0	2465042.0	0.435528	Y
3	IC 410-710355/14	20.0	11.234947	50.0	3258431.0	0.561747	Y
4	IC 410-710355/15	40.0	17.516886	50.0	2207881.0	0.437922	Y
5	ICIS 410-710355/16	100.0	51.533507	50.0	2616813.0	0.515335	Y
6	IC 410-710355/17	200.0	114.977007	50.0	2663229.0	0.574885	Y
7	IC 410-710355/18	600.0	321.136516	50.0	2904606.0	0.535228	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

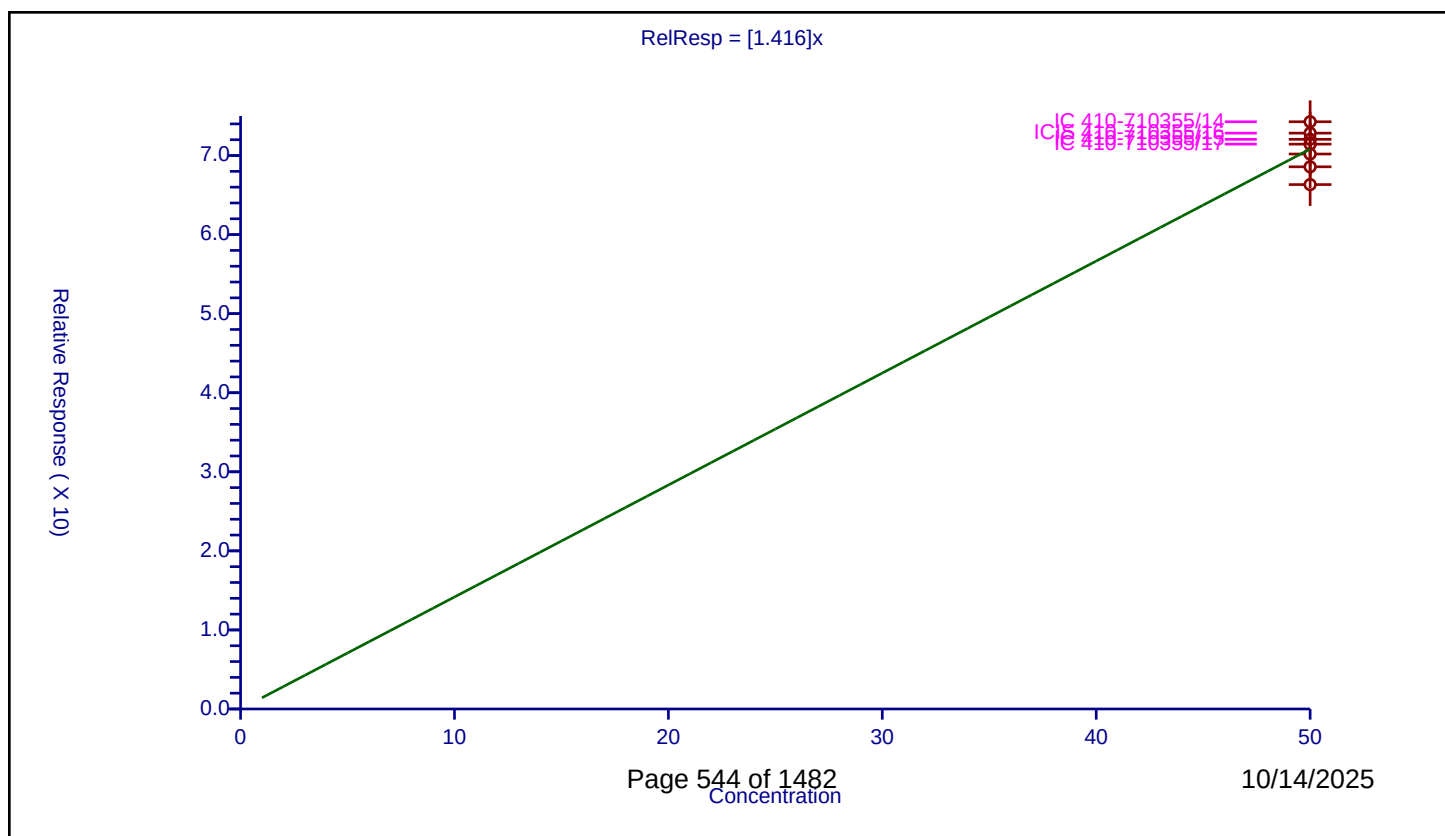
Curve Coefficients

Intercept: 0
 Slope: 1.416

Error Coefficients

Relative Standard Deviation: 3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	50.0	66.327405	50.0	1534212.0	1.326548	Y
2	IC 410-710355/13	50.0	70.194105	50.0	1638082.0	1.403882	Y
3	IC 410-710355/14	50.0	74.274041	50.0	2093335.0	1.485481	Y
4	IC 410-710355/15	50.0	72.050819	50.0	1499908.0	1.441016	Y
5	ICIS 410-710355/16	50.0	72.836129	50.0	1575591.0	1.456723	Y
6	IC 410-710355/17	50.0	71.440743	50.0	1754046.0	1.428815	Y
7	IC 410-710355/18	50.0	68.576091	50.0	2016245.0	1.371522	Y



Calibration

/ Toluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

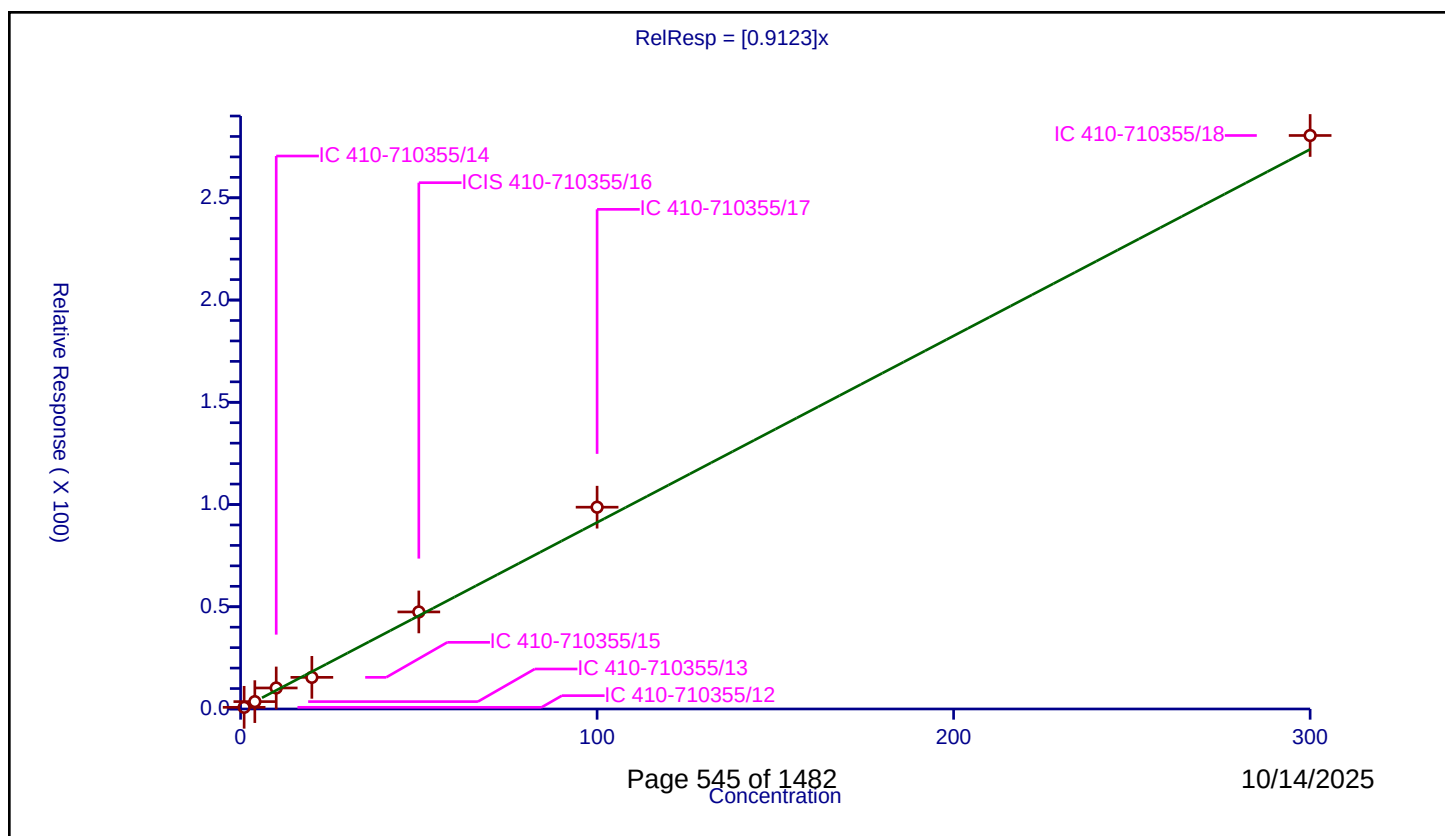
Curve Coefficients

Intercept: 0
Slope: 0.9123

Error Coefficients

Relative Standard Deviation: 10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.810025	50.0	1534212.0	0.810025	Y
2	IC 410-710355/13	4.0	3.610656	50.0	1638082.0	0.902664	Y
3	IC 410-710355/14	10.0	10.289586	50.0	2093335.0	1.028959	Y
4	IC 410-710355/15	20.0	15.471082	50.0	1499908.0	0.773554	Y
5	ICIS 410-710355/16	50.0	47.465364	50.0	1575591.0	0.949307	Y
6	IC 410-710355/17	100.0	98.697212	50.0	1754046.0	0.986972	Y
7	IC 410-710355/18	300.0	280.477447	50.0	2016245.0	0.934925	Y



Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

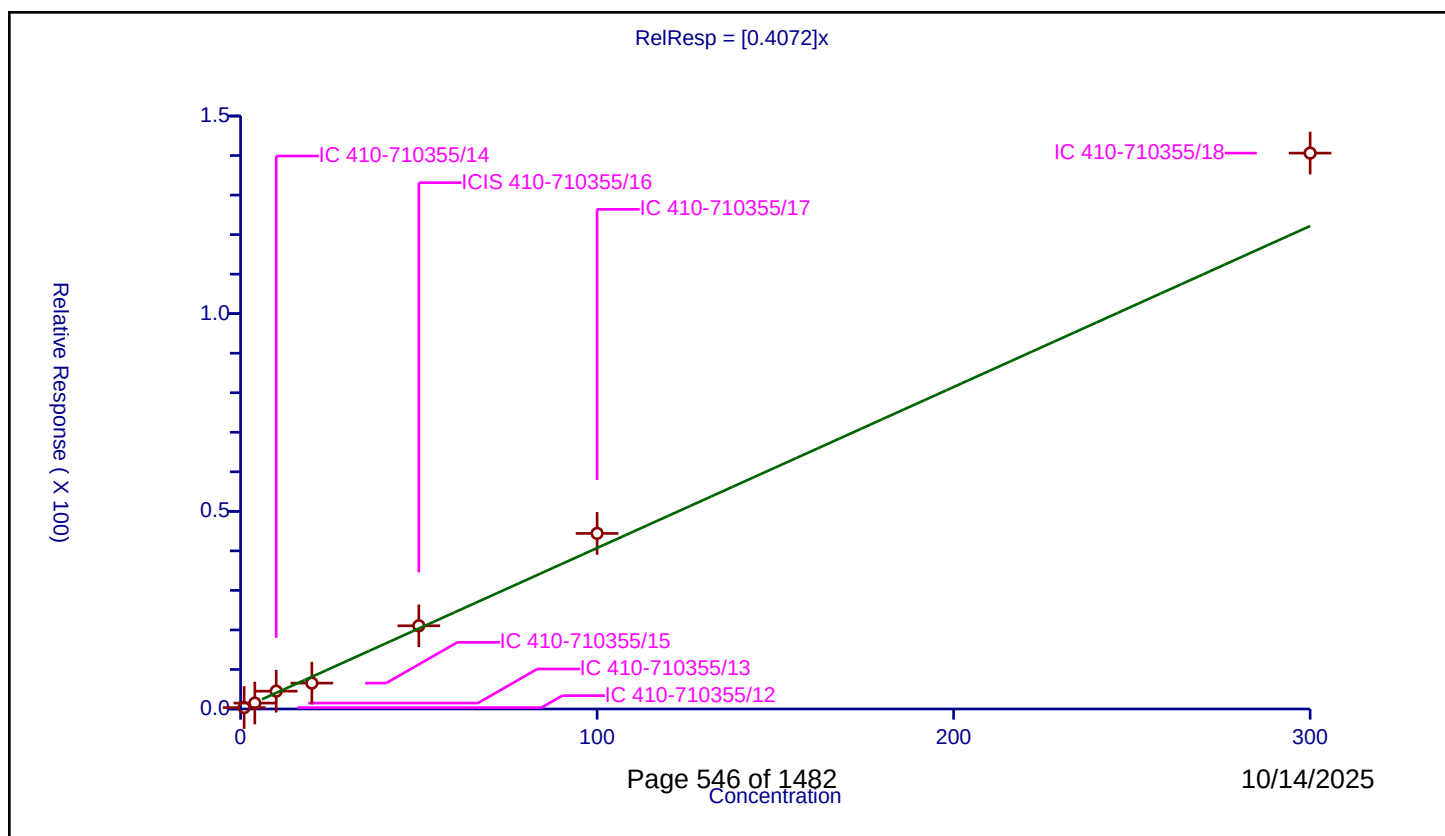
Curve Coefficients

Intercept: 0
Slope: 0.4072

Error Coefficients

Relative Standard Deviation: 12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.364226	50.0	1534212.0	0.364226	Y
2	IC 410-710355/13	4.0	1.495896	50.0	1638082.0	0.373974	Y
3	IC 410-710355/14	10.0	4.510912	50.0	2093335.0	0.451091	Y
4	IC 410-710355/15	20.0	6.548768	50.0	1499908.0	0.327438	Y
5	ICIS 410-710355/16	50.0	21.04807	50.0	1575591.0	0.420961	Y
6	IC 410-710355/17	100.0	44.419958	50.0	1754046.0	0.4442	Y
7	IC 410-710355/18	300.0	140.618873	50.0	2016245.0	0.46873	Y



Calibration

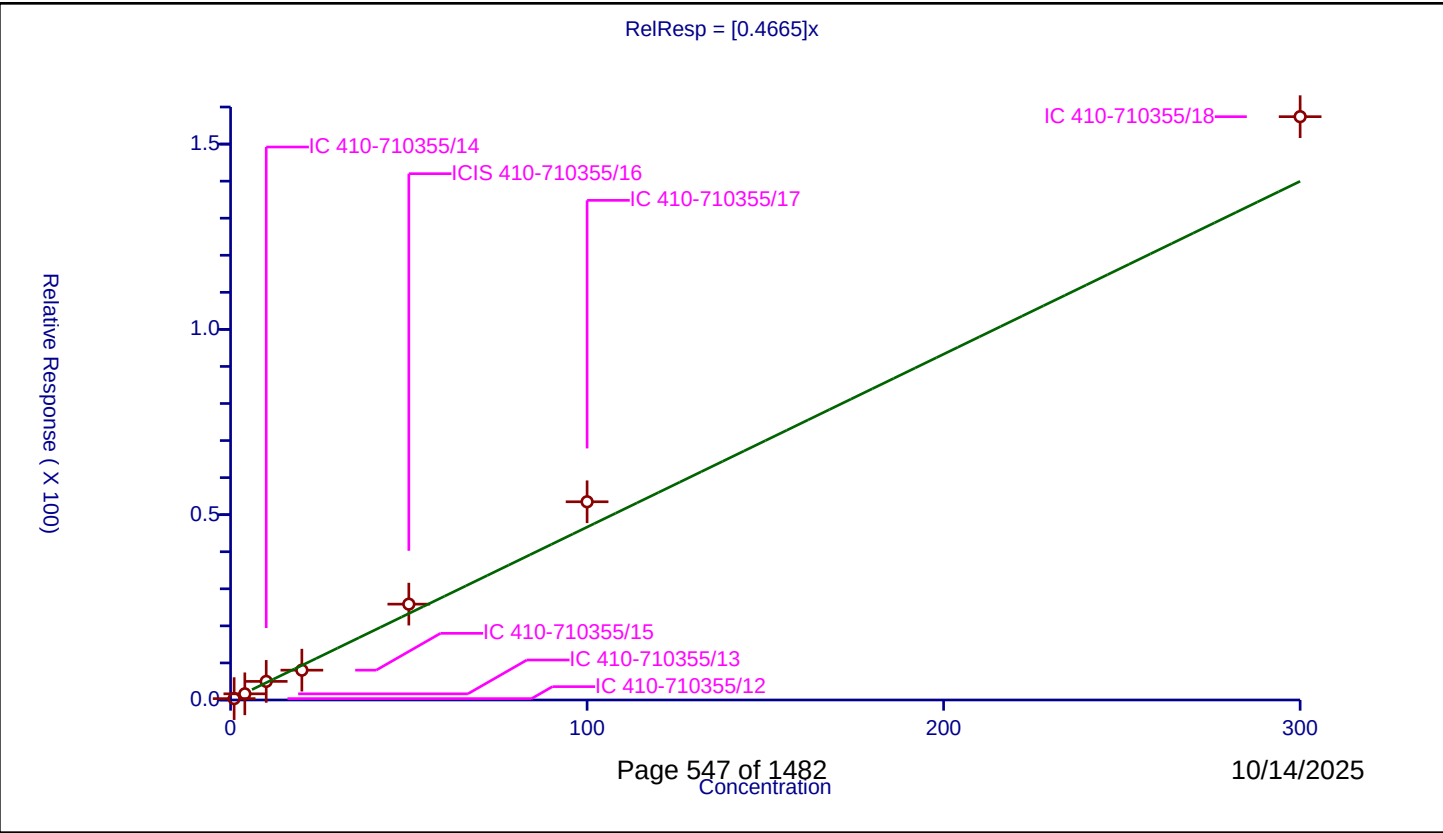
/ Ethyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4665
Error Coefficients	

Relative Standard Deviation: 14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.368365	50.0	1534212.0	0.368365	Y
2	IC 410-710355/13	4.0	1.665271	50.0	1638082.0	0.416318	Y
3	IC 410-710355/14	10.0	5.020147	50.0	2093335.0	0.502015	Y
4	IC 410-710355/15	20.0	8.046294	50.0	1499908.0	0.402315	Y
5	ICIS 410-710355/16	50.0	25.862327	50.0	1575591.0	0.517247	Y
6	IC 410-710355/17	100.0	53.484572	50.0	1754046.0	0.534846	Y
7	IC 410-710355/18	300.0	157.398605	50.0	2016245.0	0.524662	Y



Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

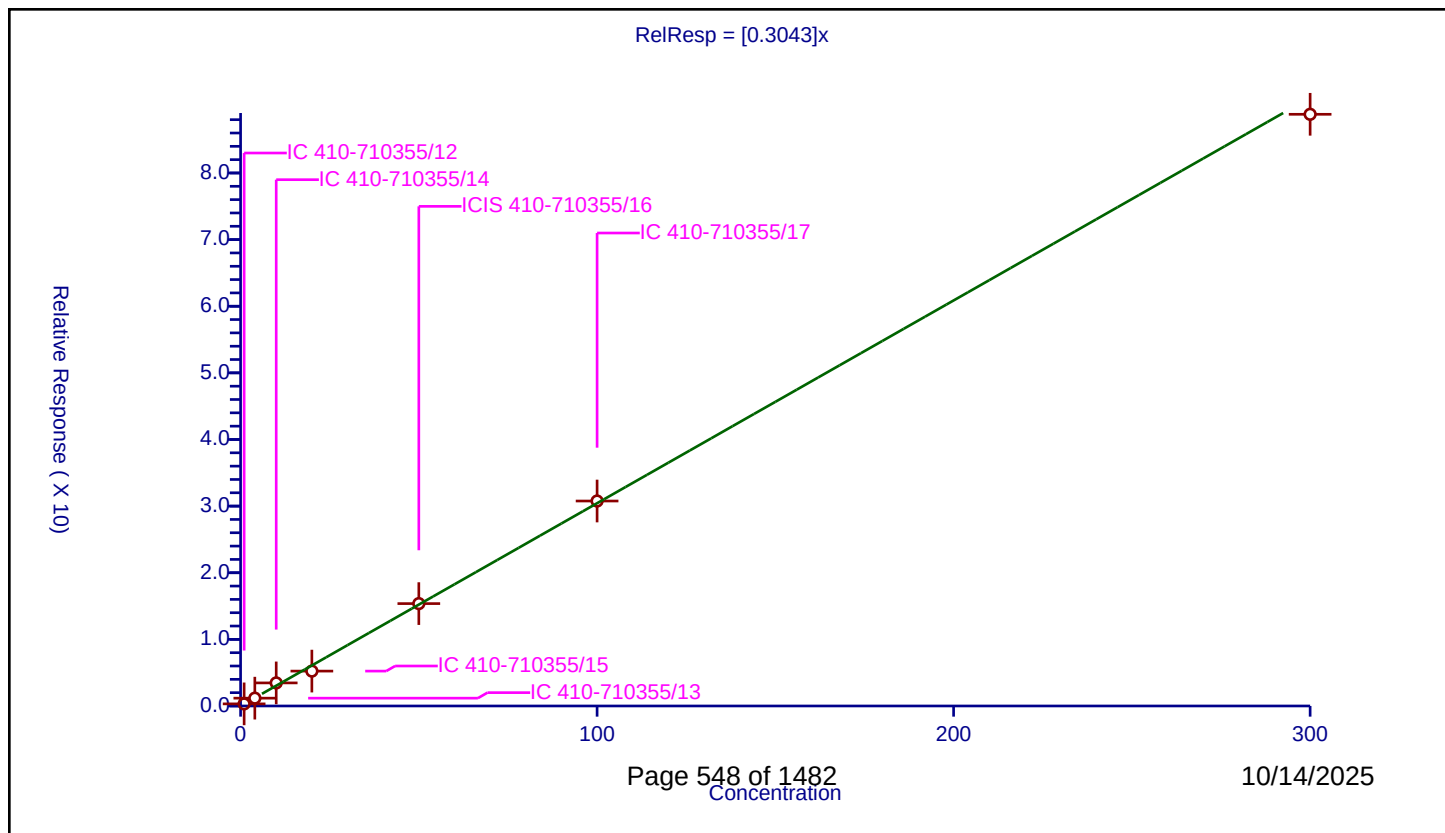
Curve Coefficients

Intercept: 0
Slope: 0.3043

Error Coefficients

Relative Standard Deviation: 8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.317166	50.0	1534212.0	0.317166	Y
2	IC 410-710355/13	4.0	1.175735	50.0	1638082.0	0.293934	Y
3	IC 410-710355/14	10.0	3.462895	50.0	2093335.0	0.34629	Y
4	IC 410-710355/15	20.0	5.238321	50.0	1499908.0	0.261916	Y
5	ICIS 410-710355/16	50.0	15.367789	50.0	1575591.0	0.307356	Y
6	IC 410-710355/17	100.0	30.765755	50.0	1754046.0	0.307658	Y
7	IC 410-710355/18	300.0	88.809222	50.0	2016245.0	0.296031	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

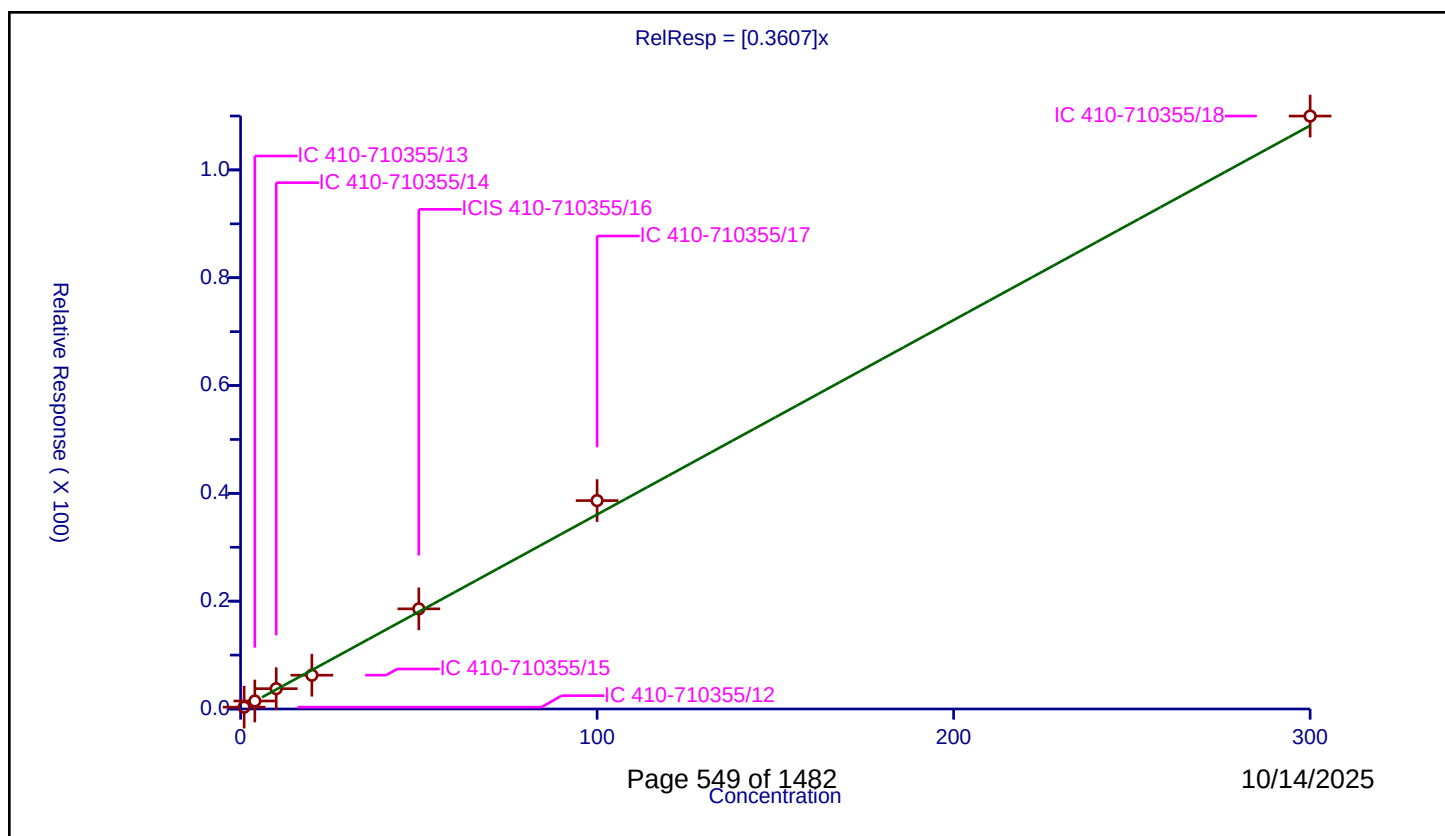
Curve Coefficients

Intercept: 0
Slope: 0.3607

Error Coefficients

Relative Standard Deviation: 7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.339392	50.0	1534212.0	0.339392	Y
2	IC 410-710355/13	4.0	1.482771	50.0	1638082.0	0.370693	Y
3	IC 410-710355/14	10.0	3.768723	50.0	2093335.0	0.376872	Y
4	IC 410-710355/15	20.0	6.269051	50.0	1499908.0	0.313453	Y
5	ICIS 410-710355/16	50.0	18.577791	50.0	1575591.0	0.371556	Y
6	IC 410-710355/17	100.0	38.655628	50.0	1754046.0	0.386556	Y
7	IC 410-710355/18	300.0	109.989361	50.0	2016245.0	0.366631	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

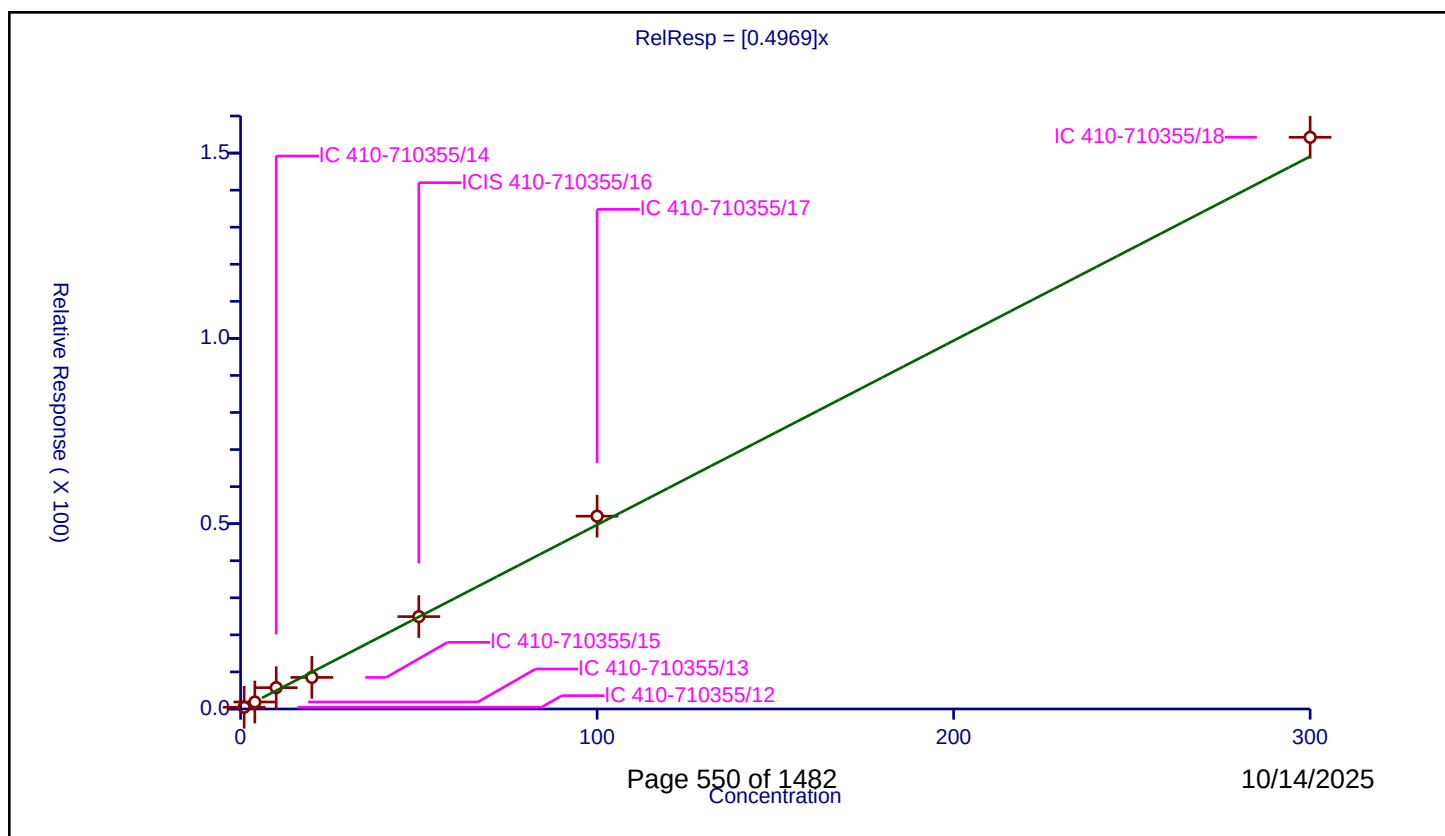
Curve Coefficients

Intercept: 0
Slope: 0.4969

Error Coefficients

Relative Standard Deviation: 9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.472653	50.0	1534212.0	0.472653	Y
2	IC 410-710355/13	4.0	1.885925	50.0	1638082.0	0.471481	Y
3	IC 410-710355/14	10.0	5.753164	50.0	2093335.0	0.575316	Y
4	IC 410-710355/15	20.0	8.522023	50.0	1499908.0	0.426101	Y
5	ICIS 410-710355/16	50.0	24.929725	50.0	1575591.0	0.498594	Y
6	IC 410-710355/17	100.0	52.028425	50.0	1754046.0	0.520284	Y
7	IC 410-710355/18	300.0	154.260197	50.0	2016245.0	0.514201	Y



Calibration

/ 2-Hexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

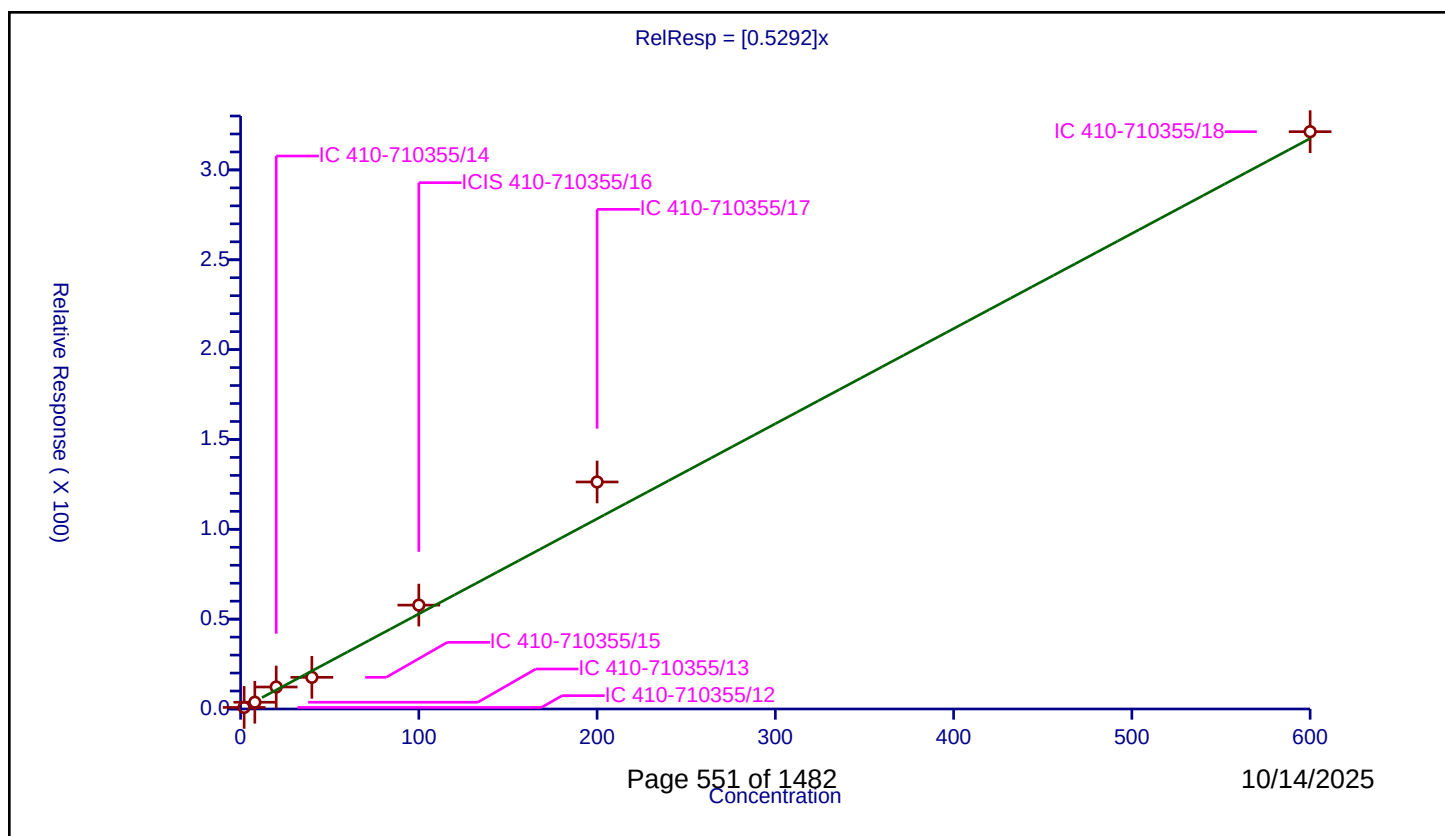
Curve Coefficients

Intercept: 0
Slope: 0.5292

Error Coefficients

Relative Standard Deviation: 15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	2.0	0.872598	50.0	1534212.0	0.436299	Y
2	IC 410-710355/13	8.0	3.763762	50.0	1638082.0	0.47047	Y
3	IC 410-710355/14	20.0	12.232968	50.0	2093335.0	0.611648	Y
4	IC 410-710355/15	40.0	17.619081	50.0	1499908.0	0.440477	Y
5	ICIS 410-710355/16	100.0	57.816051	50.0	1575591.0	0.578161	Y
6	IC 410-710355/17	200.0	126.342496	50.0	1754046.0	0.631712	Y
7	IC 410-710355/18	600.0	321.286798	50.0	2016245.0	0.535478	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

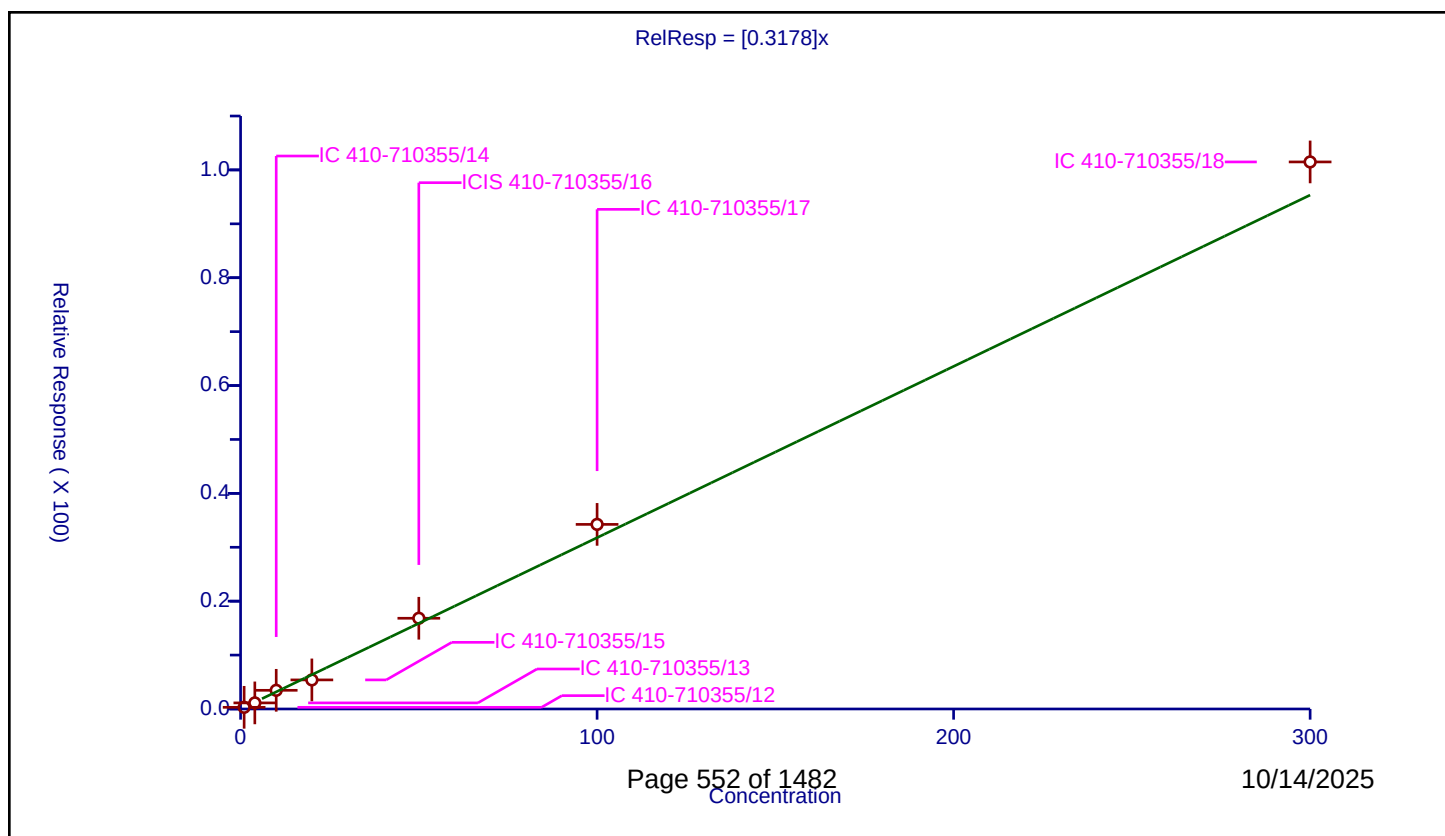
Curve Coefficients

Intercept: 0
Slope: 0.3178

Error Coefficients

Relative Standard Deviation: 9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.309149	50.0	1534212.0	0.309149	Y
2	IC 410-710355/13	4.0	1.127966	50.0	1638082.0	0.281991	Y
3	IC 410-710355/14	10.0	3.463373	50.0	2093335.0	0.346337	Y
4	IC 410-710355/15	20.0	5.393364	50.0	1499908.0	0.269668	Y
5	ICIS 410-710355/16	50.0	16.830478	50.0	1575591.0	0.33661	Y
6	IC 410-710355/17	100.0	34.242089	50.0	1754046.0	0.342421	Y
7	IC 410-710355/18	300.0	101.479285	50.0	2016245.0	0.338264	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

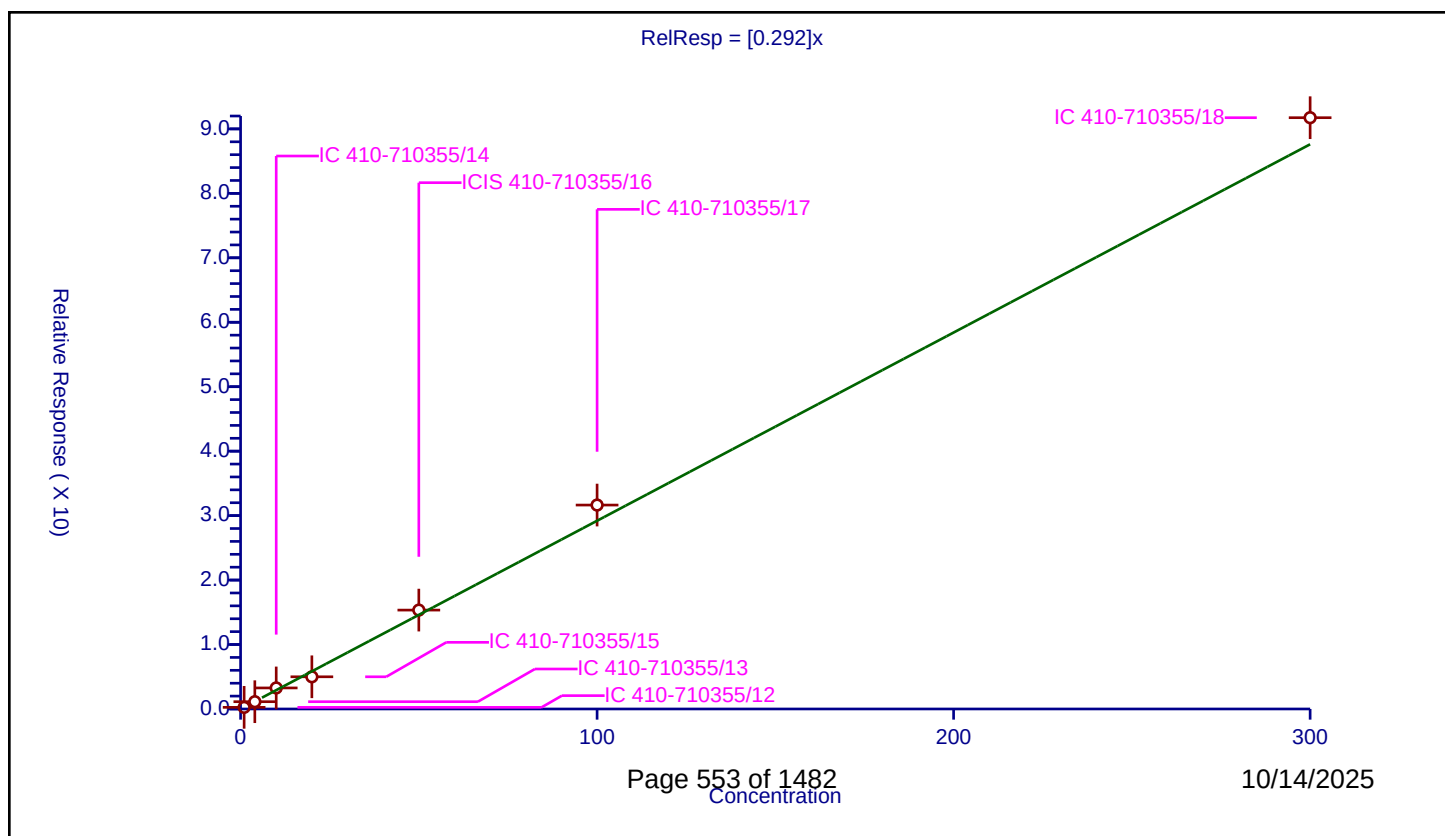
Curve Coefficients

Intercept: 0
Slope: 0.292

Error Coefficients

Relative Standard Deviation: 10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.255734	50.0	1534212.0	0.255734	Y
2	IC 410-710355/13	4.0	1.132178	50.0	1638082.0	0.283044	Y
3	IC 410-710355/14	10.0	3.265125	50.0	2093335.0	0.326512	Y
4	IC 410-710355/15	20.0	4.997106	50.0	1499908.0	0.249855	Y
5	ICIS 410-710355/16	50.0	15.342592	50.0	1575591.0	0.306852	Y
6	IC 410-710355/17	100.0	31.641702	50.0	1754046.0	0.316417	Y
7	IC 410-710355/18	300.0	91.740091	50.0	2016245.0	0.3058	Y



Calibration

/ 1-Chlorohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

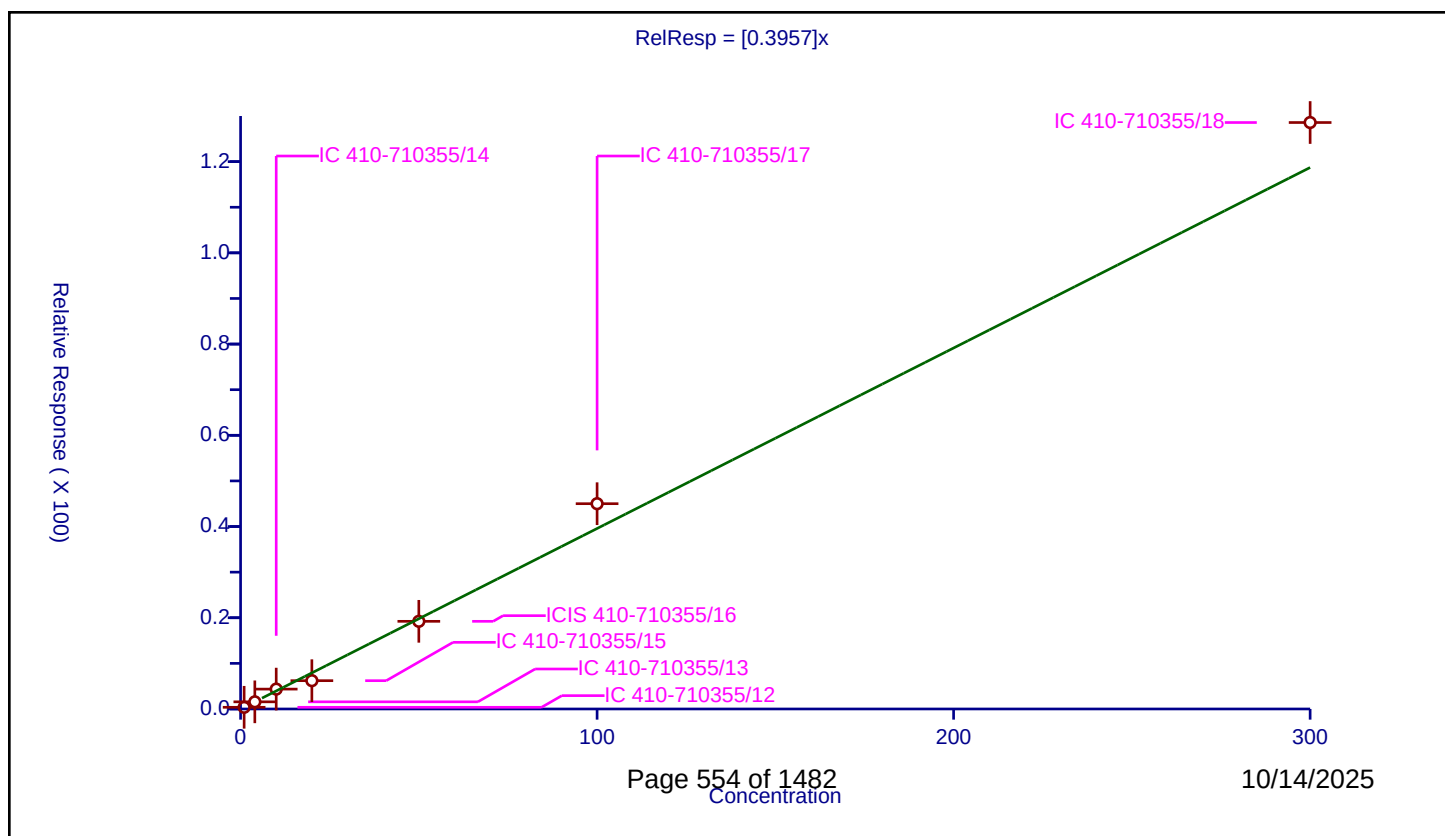
Curve Coefficients

Intercept: 0
Slope: 0.3957

Error Coefficients

Relative Standard Deviation: 12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.368723	50.0	1534212.0	0.368723	Y
2	IC 410-710355/13	4.0	1.56784	50.0	1638082.0	0.39196	Y
3	IC 410-710355/14	10.0	4.357998	50.0	2093335.0	0.4358	Y
4	IC 410-710355/15	20.0	6.207147	50.0	1499908.0	0.310357	Y
5	ICIS 410-710355/16	50.0	19.219106	50.0	1575591.0	0.384382	Y
6	IC 410-710355/17	100.0	45.009623	50.0	1754046.0	0.450096	Y
7	IC 410-710355/18	300.0	128.574355	50.0	2016245.0	0.428581	Y



Calibration

/ Chlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

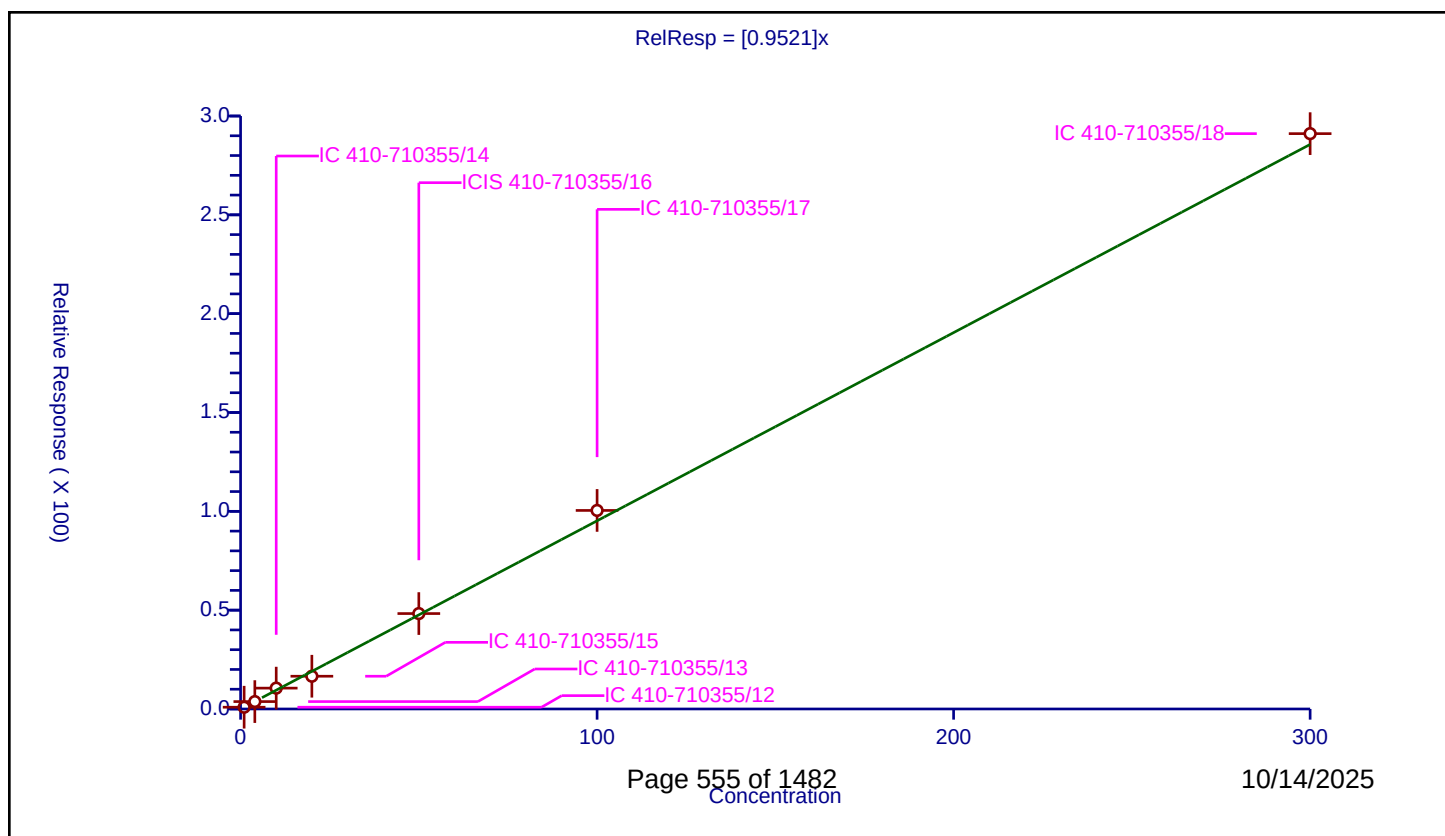
Curve Coefficients

Intercept: 0
Slope: 0.9521

Error Coefficients

Relative Standard Deviation: 7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.903135	50.0	1534212.0	0.903135	Y
2	IC 410-710355/13	4.0	3.74679	50.0	1638082.0	0.936698	Y
3	IC 410-710355/14	10.0	10.55863	50.0	2093335.0	1.055863	Y
4	IC 410-710355/15	20.0	16.572083	50.0	1499908.0	0.828604	Y
5	ICIS 410-710355/16	50.0	48.277281	50.0	1575591.0	0.965546	Y
6	IC 410-710355/17	100.0	100.44366	50.0	1754046.0	1.004437	Y
7	IC 410-710355/18	300.0	291.079284	50.0	2016245.0	0.970264	Y



Calibration

/ 1,1,1,2-Tetrachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

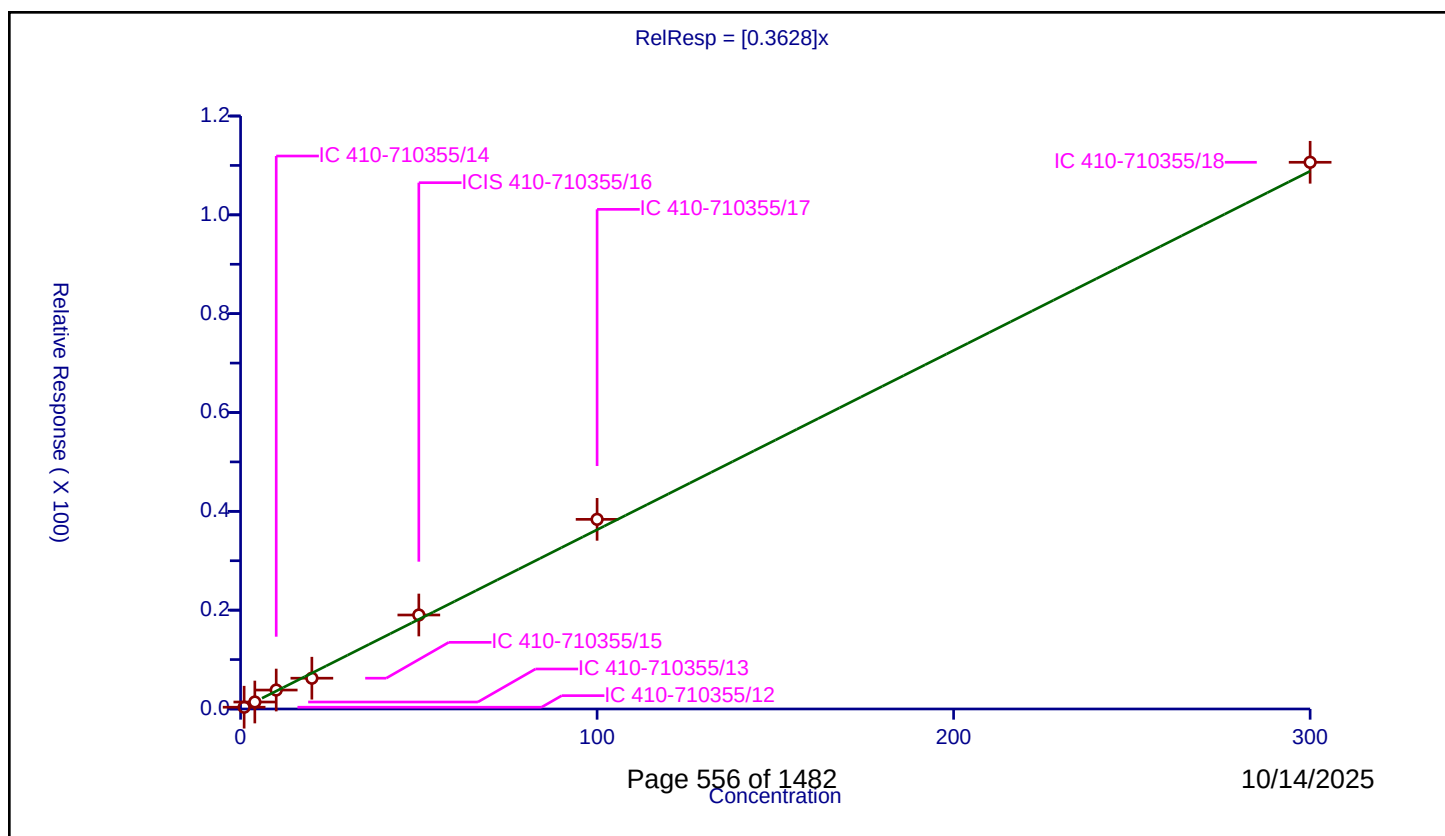
Curve Coefficients

Intercept: 0
Slope: 0.3628

Error Coefficients

Relative Standard Deviation: 7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.358164	50.0	1534212.0	0.358164	Y
2	IC 410-710355/13	4.0	1.412628	50.0	1638082.0	0.353157	Y
3	IC 410-710355/14	10.0	3.836199	50.0	2093335.0	0.38362	Y
4	IC 410-710355/15	20.0	6.230315	50.0	1499908.0	0.311516	Y
5	ICIS 410-710355/16	50.0	19.022164	50.0	1575591.0	0.380443	Y
6	IC 410-710355/17	100.0	38.376417	50.0	1754046.0	0.383764	Y
7	IC 410-710355/18	300.0	110.636778	50.0	2016245.0	0.368789	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

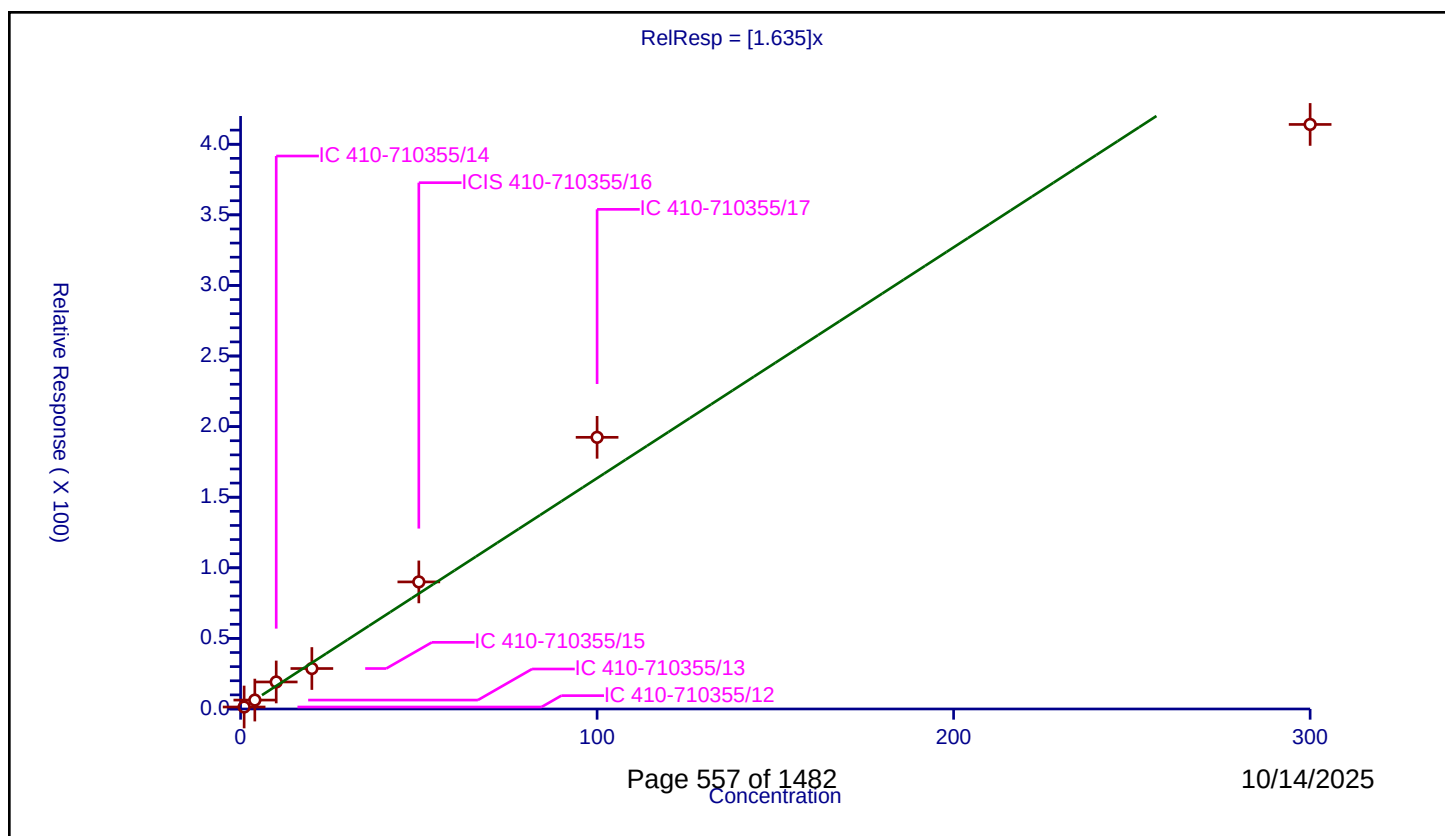
Curve Coefficients

Intercept: 0
Slope: 1.635

Error Coefficients

Relative Standard Deviation: 14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.413266	50.0	1534212.0	1.413266	Y
2	IC 410-710355/13	4.0	6.313176	50.0	1638082.0	1.578294	Y
3	IC 410-710355/14	10.0	19.145717	50.0	2093335.0	1.914572	Y
4	IC 410-710355/15	20.0	28.663425	50.0	1499908.0	1.433171	Y
5	ICIS 410-710355/16	50.0	90.019142	50.0	1575591.0	1.800383	Y
6	IC 410-710355/17	100.0	192.427394	50.0	1754046.0	1.924274	Y
7	IC 410-710355/18	300.0	414.038696	50.0	2016245.0	1.380129	Y



Calibration

/ m-Xylene & p-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

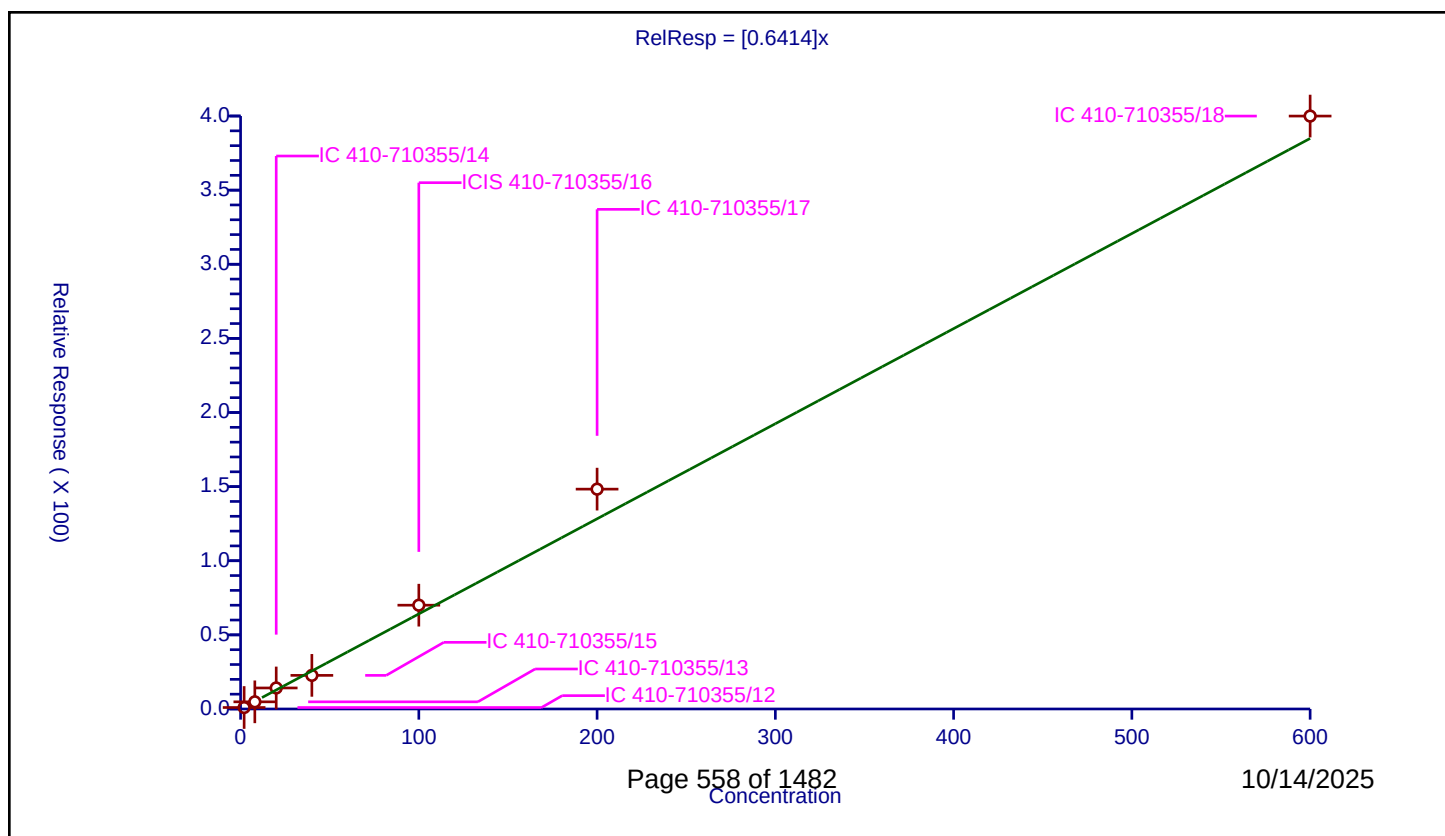
Curve Coefficients

Intercept: 0
Slope: 0.6414

Error Coefficients

Relative Standard Deviation: 13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	2.0	1.001361	50.0	1534212.0	0.50068	Y
2	IC 410-710355/13	8.0	4.838036	50.0	1638082.0	0.604755	Y
3	IC 410-710355/14	20.0	14.185021	50.0	2093335.0	0.709251	Y
4	IC 410-710355/15	40.0	22.681624	50.0	1499908.0	0.567041	Y
5	ICIS 410-710355/16	100.0	70.026104	50.0	1575591.0	0.700261	Y
6	IC 410-710355/17	200.0	148.300529	50.0	1754046.0	0.741503	Y
7	IC 410-710355/18	600.0	399.960124	50.0	2016245.0	0.6666	Y



Calibration

/ o-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

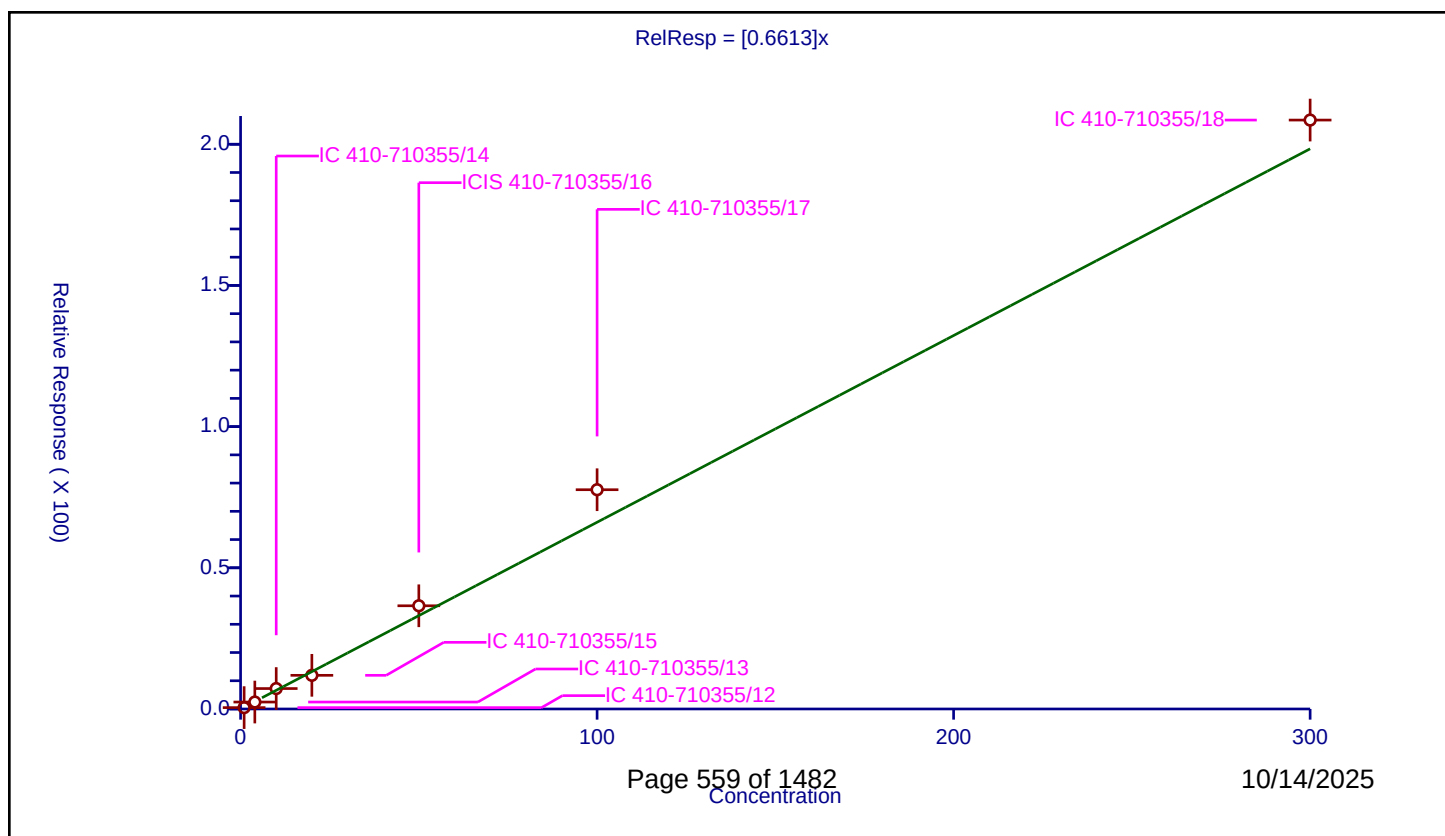
Curve Coefficients

Intercept: 0
Slope: 0.6613

Error Coefficients

Relative Standard Deviation: 14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.490871	50.0	1534212.0	0.490871	Y
2	IC 410-710355/13	4.0	2.463582	50.0	1638082.0	0.615896	Y
3	IC 410-710355/14	10.0	7.234174	50.0	2093335.0	0.723417	Y
4	IC 410-710355/15	20.0	11.920498	50.0	1499908.0	0.596025	Y
5	ICIS 410-710355/16	50.0	36.555458	50.0	1575591.0	0.731109	Y
6	IC 410-710355/17	100.0	77.651441	50.0	1754046.0	0.776514	Y
7	IC 410-710355/18	300.0	208.564634	50.0	2016245.0	0.695215	Y



Calibration

/ Styrene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

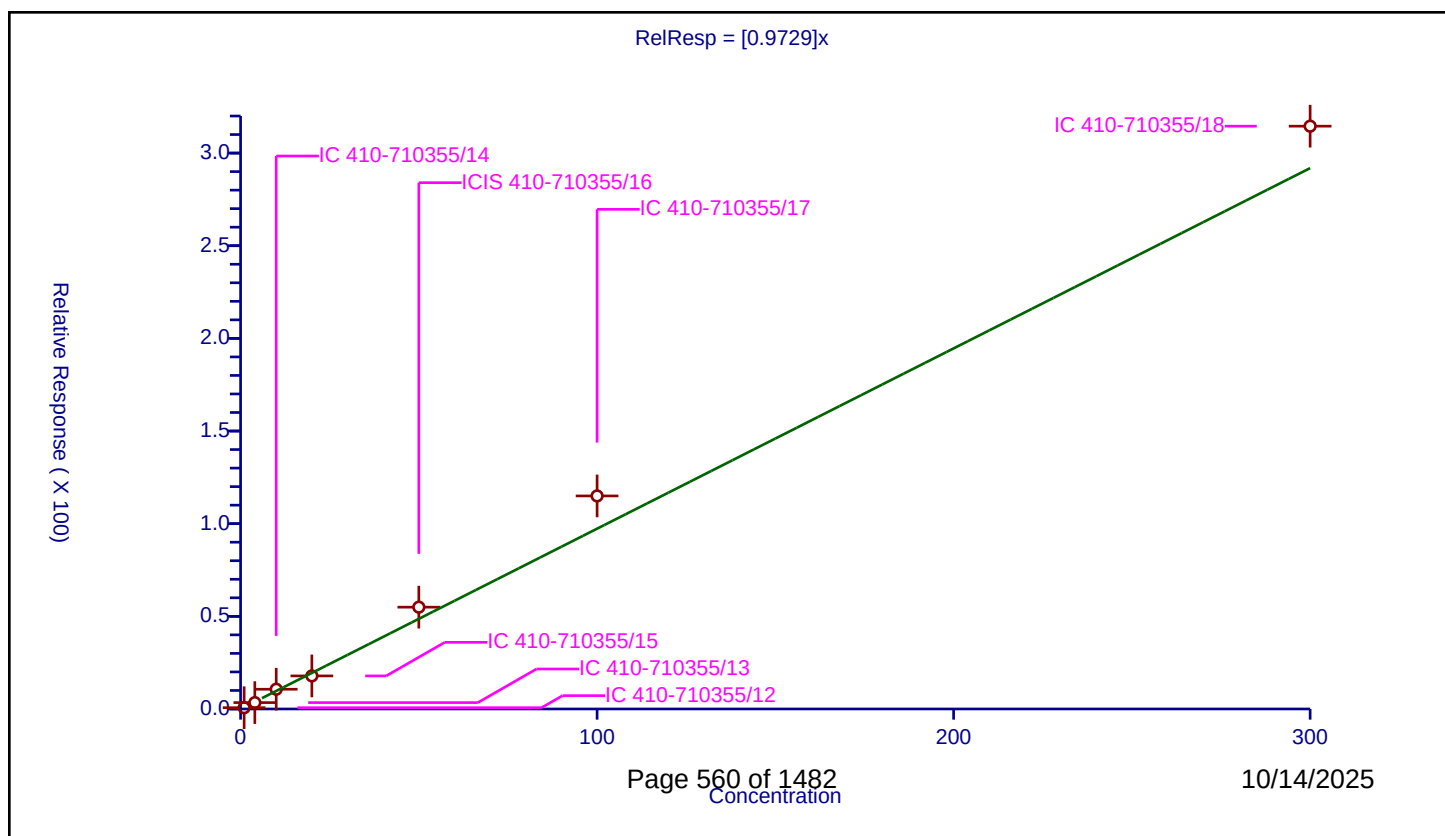
Curve Coefficients

Intercept: 0
Slope: 0.9729

Error Coefficients

Relative Standard Deviation: 16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.692245	50.0	1534212.0	0.692245	Y
2	IC 410-710355/13	4.0	3.45175	50.0	1638082.0	0.862938	Y
3	IC 410-710355/14	10.0	10.654482	50.0	2093335.0	1.065448	Y
4	IC 410-710355/15	20.0	17.854128	50.0	1499908.0	0.892706	Y
5	ICIS 410-710355/16	50.0	54.950555	50.0	1575591.0	1.099011	Y
6	IC 410-710355/17	100.0	114.974522	50.0	1754046.0	1.149745	Y
7	IC 410-710355/18	300.0	314.520681	50.0	2016245.0	1.048402	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

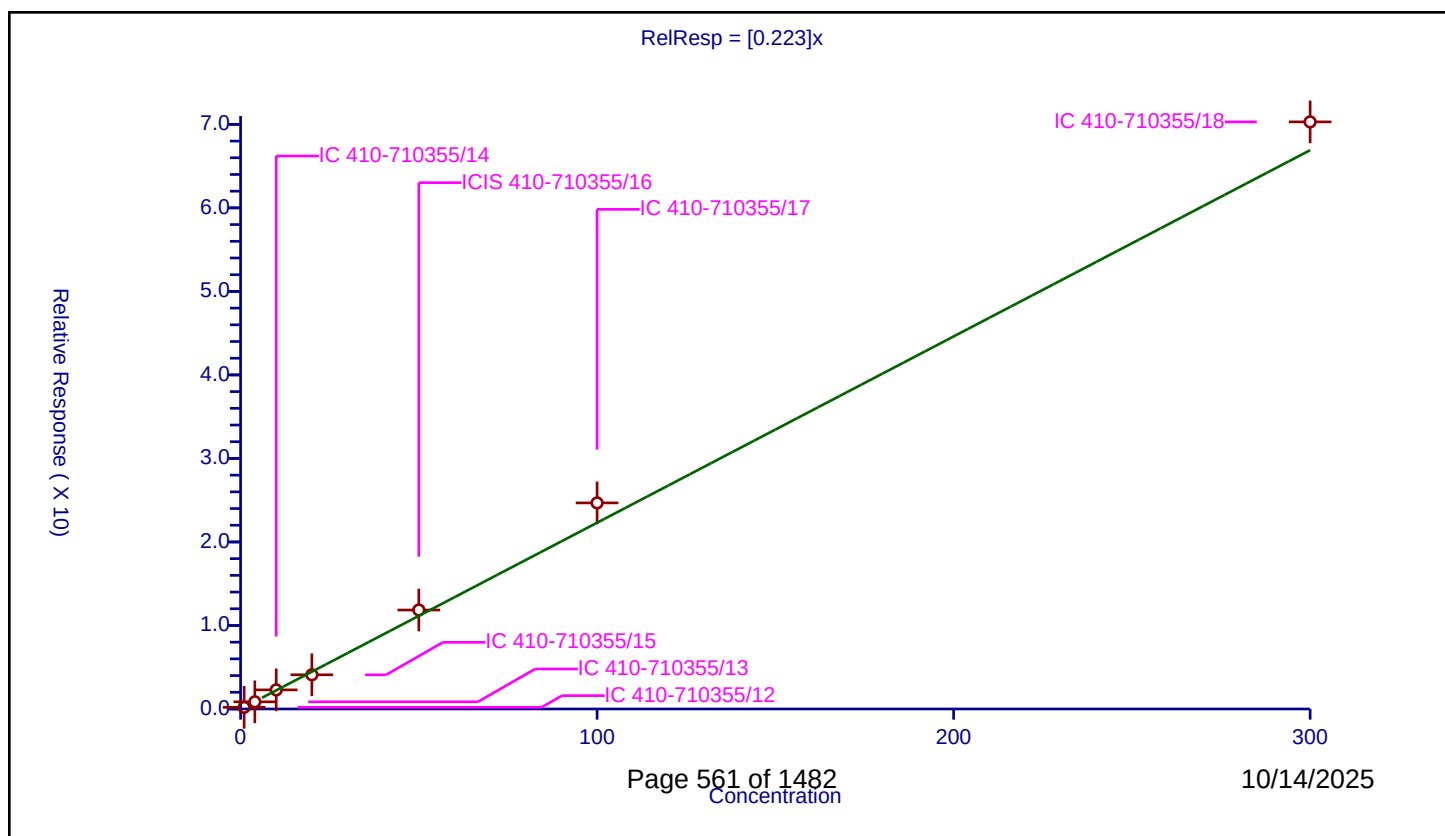
Curve Coefficients

Intercept: 0
Slope: 0.223

Error Coefficients

Relative Standard Deviation: 8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.195279	50.0	1534212.0	0.195279	Y
2	IC 410-710355/13	4.0	0.857344	50.0	1638082.0	0.214336	Y
3	IC 410-710355/14	10.0	2.287283	50.0	2093335.0	0.228728	Y
4	IC 410-710355/15	20.0	4.094684	50.0	1499908.0	0.204734	Y
5	ICIS 410-710355/16	50.0	11.849458	50.0	1575591.0	0.236989	Y
6	IC 410-710355/17	100.0	24.677004	50.0	1754046.0	0.24677	Y
7	IC 410-710355/18	300.0	70.29798	50.0	2016245.0	0.234327	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

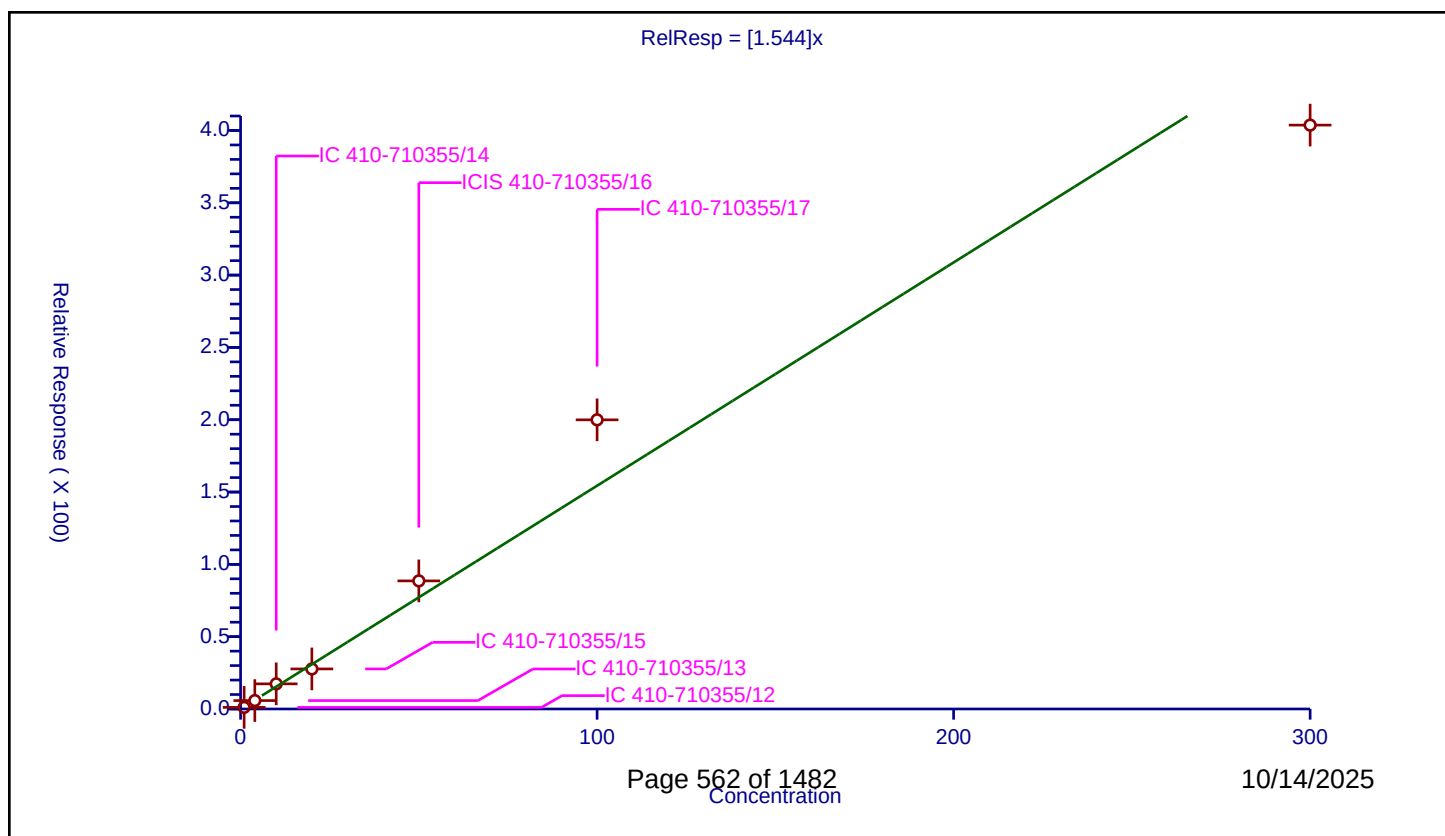
Curve Coefficients

Intercept: 0
 Slope: 1.544

Error Coefficients

Relative Standard Deviation: 19.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.110798	50.0	1534212.0	1.110798	Y
2	IC 410-710355/13	4.0	5.825105	50.0	1638082.0	1.456276	Y
3	IC 410-710355/14	10.0	17.374477	50.0	2093335.0	1.737448	Y
4	IC 410-710355/15	20.0	27.694065	50.0	1499908.0	1.384703	Y
5	ICIS 410-710355/16	50.0	88.57251	50.0	1575591.0	1.77145	Y
6	IC 410-710355/17	100.0	199.941393	50.0	1754046.0	1.999414	Y
7	IC 410-710355/18	300.0	403.717753	50.0	2016245.0	1.345726	Y



Calibration

/ Cyclohexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

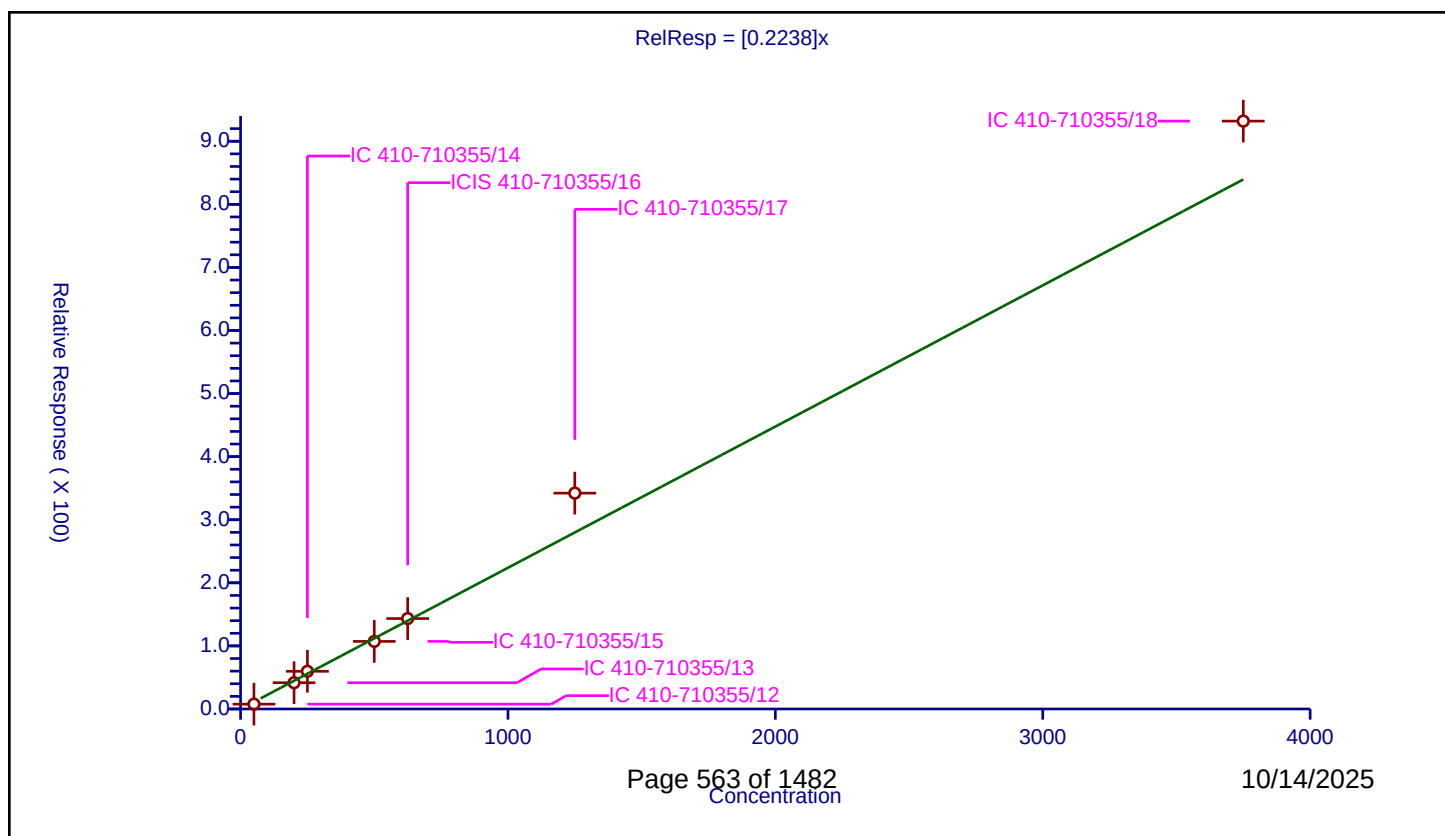
Curve Coefficients

Intercept: 0
Slope: 0.2238

Error Coefficients

Relative Standard Deviation: 16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	50.000933	7.678335	250.0	1926785.0	0.153564	Y
2	IC 410-710355/13	200.003731	41.675797	250.0	1976081.0	0.208375	Y
3	IC 410-710355/14	250.004664	59.756993	250.0	2740788.0	0.239024	Y
4	IC 410-710355/15	500.009328	107.146421	250.0	1753878.0	0.214289	Y
5	ICIS 410-710355/16	625.01166	143.357566	250.0	2093728.0	0.229368	Y
6	IC 410-710355/17	1250.02332	342.158381	250.0	1943030.0	0.273722	Y
7	IC 410-710355/18	3750.06996	931.934559	250.0	2125146.0	0.248511	Y



Calibration

/ 4-Bromofluorobenzene (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

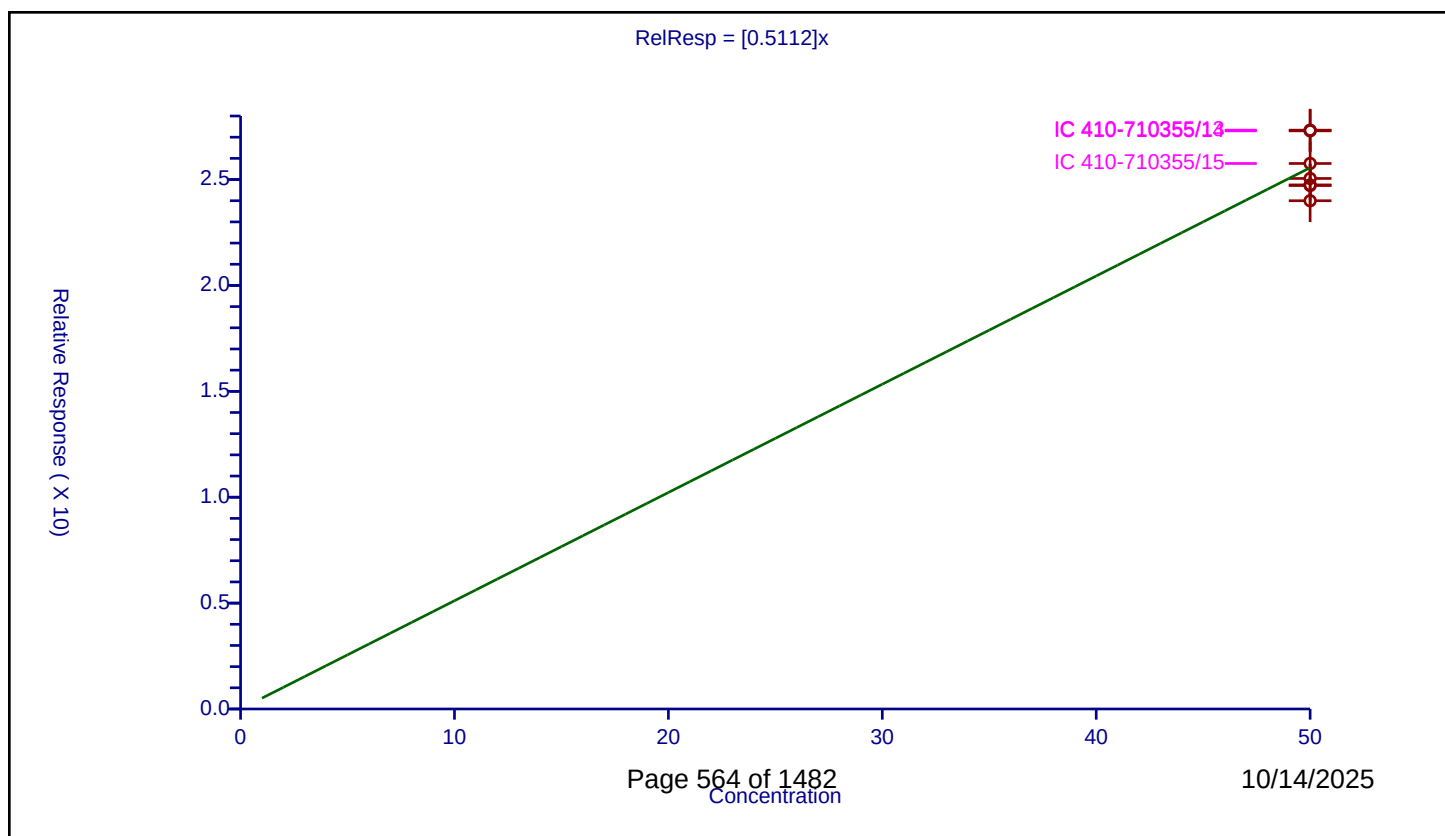
Curve Coefficients

Intercept: 0
 Slope: 0.5112

Error Coefficients

Relative Standard Deviation: 5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	50.0	23.999128	50.0	1534212.0	0.479983	Y
2	IC 410-710355/13	50.0	27.332453	50.0	1638082.0	0.546649	Y
3	IC 410-710355/14	50.0	27.299811	50.0	2093335.0	0.545996	Y
4	IC 410-710355/15	50.0	25.758813	50.0	1499908.0	0.515176	Y
5	ICIS 410-710355/16	50.0	25.050346	50.0	1575591.0	0.501007	Y
6	IC 410-710355/17	50.0	24.747498	50.0	1754046.0	0.49495	Y
7	IC 410-710355/18	50.0	24.717234	50.0	2016245.0	0.494345	Y



Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

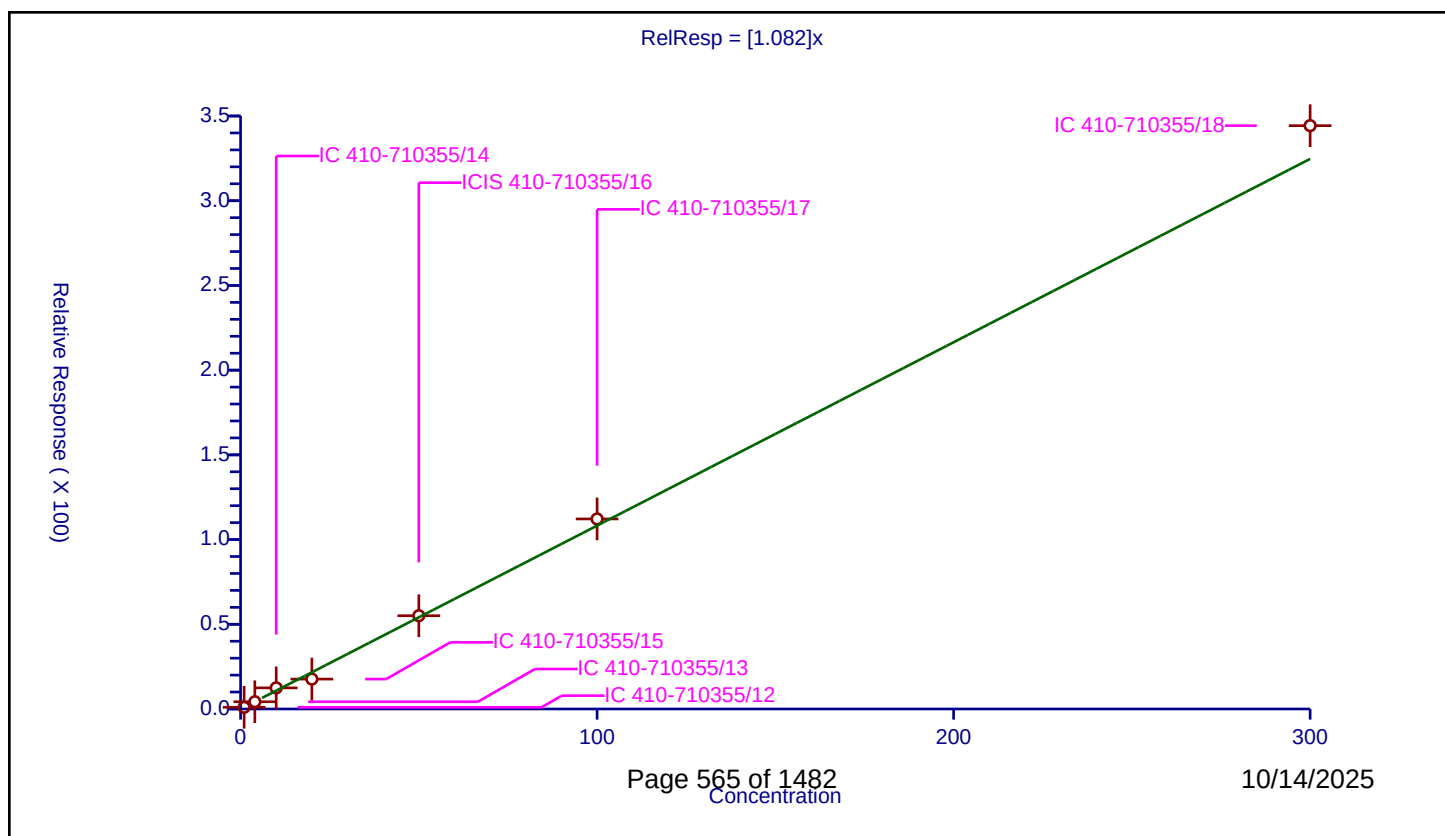
Curve Coefficients

Intercept: 0
Slope: 1.082

Error Coefficients

Relative Standard Deviation: 10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.006789	50.0	916528.0	1.006789	Y
2	IC 410-710355/13	4.0	4.280824	50.0	1017456.0	1.070206	Y
3	IC 410-710355/14	10.0	12.454231	50.0	1227916.0	1.245423	Y
4	IC 410-710355/15	20.0	17.659461	50.0	909487.0	0.882973	Y
5	ICIS 410-710355/16	50.0	55.047421	50.0	897696.0	1.100948	Y
6	IC 410-710355/17	100.0	112.176985	50.0	961334.0	1.12177	Y
7	IC 410-710355/18	300.0	344.304082	50.0	1096127.0	1.14768	Y



Calibration

/ Bromobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

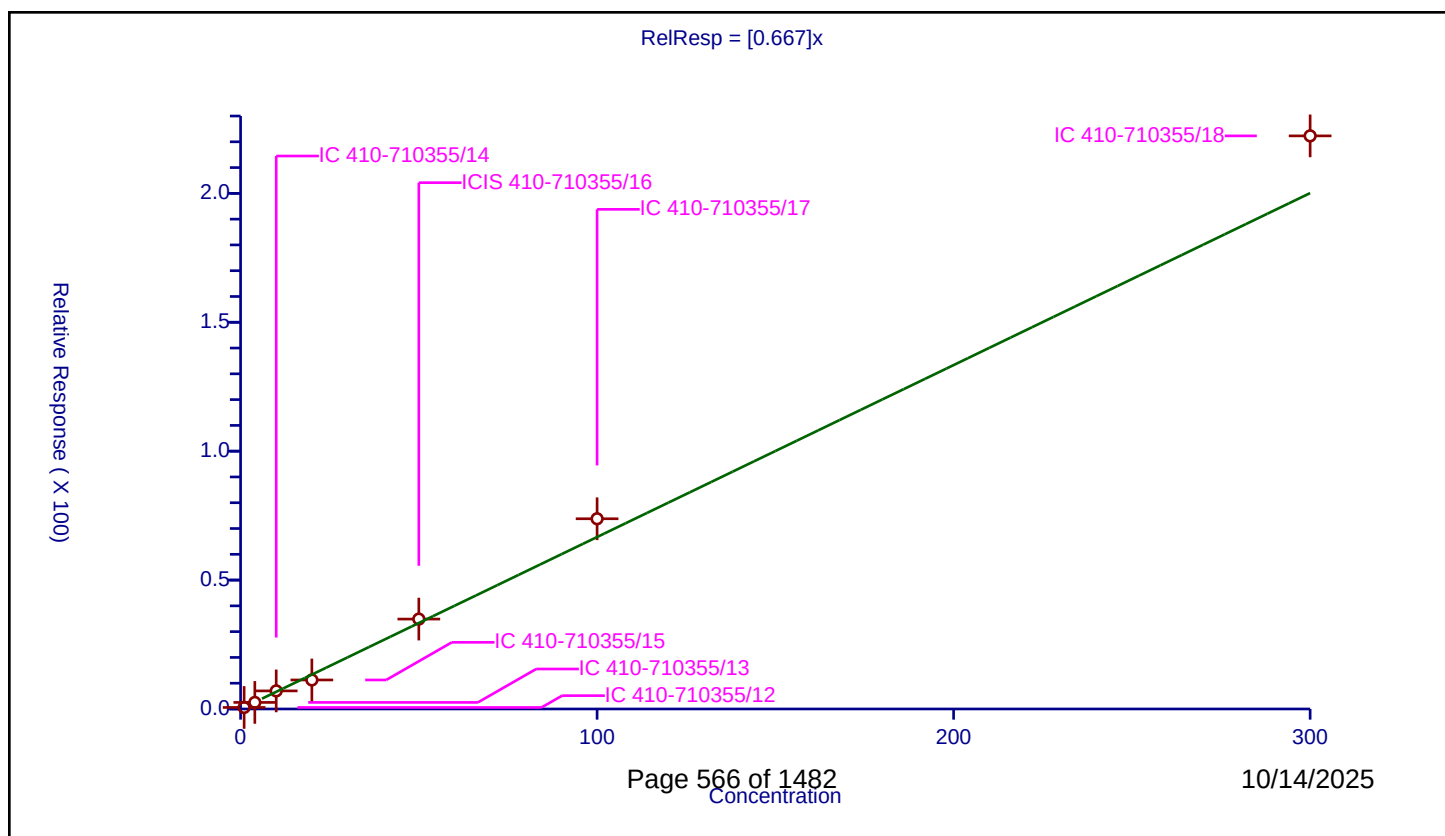
Curve Coefficients

Intercept: 0
 Slope: 0.667

Error Coefficients

Relative Standard Deviation: 10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.591362	50.0	916528.0	0.591362	Y
2	IC 410-710355/13	4.0	2.545859	50.0	1017456.0	0.636465	Y
3	IC 410-710355/14	10.0	7.018558	50.0	1227916.0	0.701856	Y
4	IC 410-710355/15	20.0	11.254366	50.0	909487.0	0.562718	Y
5	ICIS 410-710355/16	50.0	34.876506	50.0	897696.0	0.69753	Y
6	IC 410-710355/17	100.0	73.789131	50.0	961334.0	0.737891	Y
7	IC 410-710355/18	300.0	222.298922	50.0	1096127.0	0.740996	Y



Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

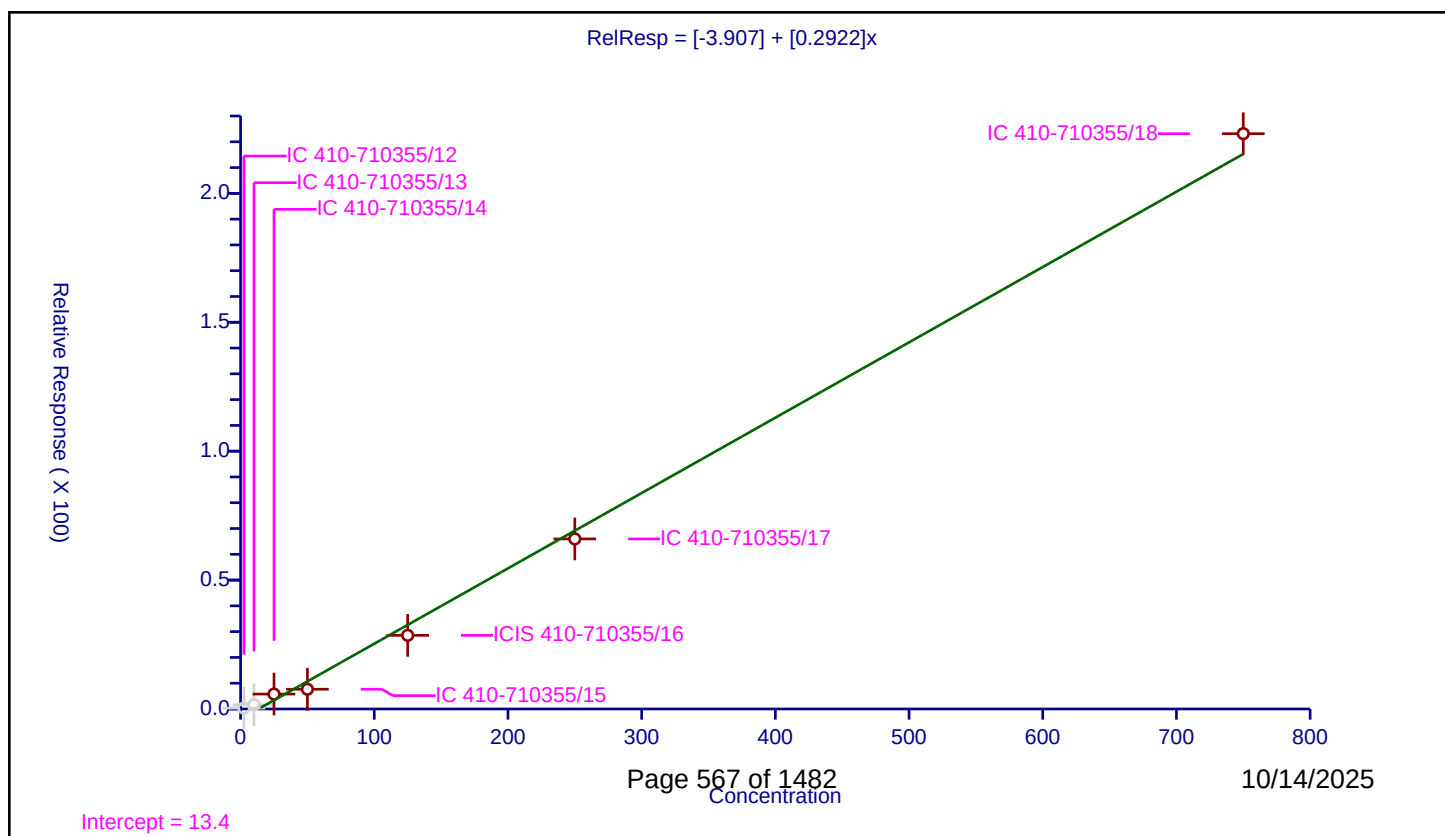
Curve Coefficients

Intercept: -3.907
Slope: 0.2922

Error Coefficients

Relative Standard Deviation: 23.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	2.5	0.347289	50.0	916528.0	0.138916	N
2	IC 410-710355/13	10.0	1.652602	50.0	1017456.0	0.16526	N
3	IC 410-710355/14	25.0	5.786267	50.0	1227916.0	0.231451	Y
4	IC 410-710355/15	50.0	7.658713	50.0	909487.0	0.153174	Y
5	ICIS 410-710355/16	125.0	28.564904	50.0	897696.0	0.228519	Y
6	IC 410-710355/17	250.0	65.965315	50.0	961334.0	0.263861	Y
7	IC 410-710355/18	750.0	223.145721	50.0	1096127.0	0.297528	Y



Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

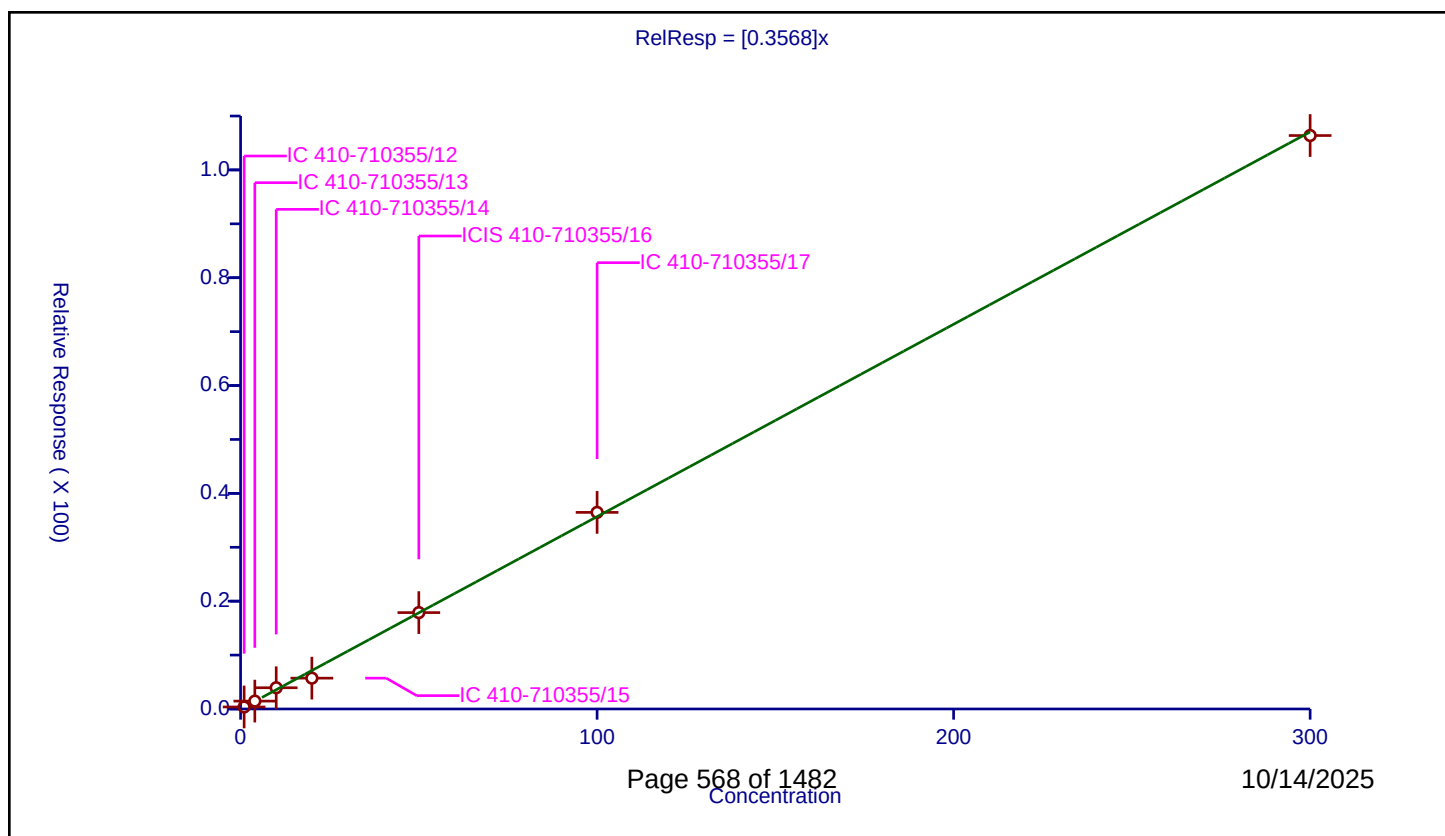
Curve Coefficients

Intercept: 0
 Slope: 0.3568

Error Coefficients

Relative Standard Deviation: 9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.37582	50.0	916528.0	0.37582	Y
2	IC 410-710355/13	4.0	1.459817	50.0	1017456.0	0.364954	Y
3	IC 410-710355/14	10.0	3.941801	50.0	1227916.0	0.39418	Y
4	IC 410-710355/15	20.0	5.722017	50.0	909487.0	0.286101	Y
5	ICIS 410-710355/16	50.0	17.877878	50.0	897696.0	0.357558	Y
6	IC 410-710355/17	100.0	36.470259	50.0	961334.0	0.364703	Y
7	IC 410-710355/18	300.0	106.378504	50.0	1096127.0	0.354595	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

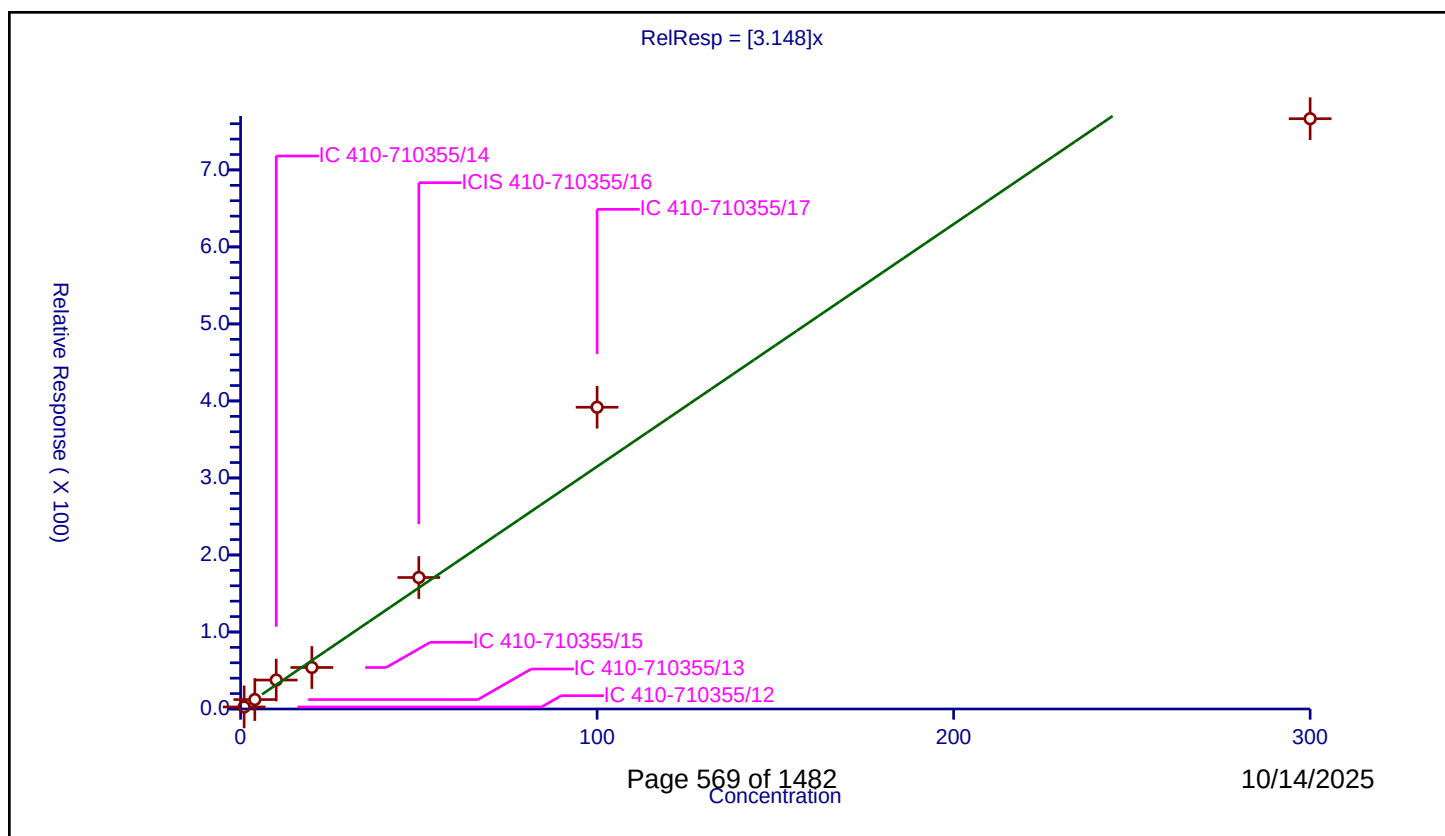
Curve Coefficients

Intercept: 0
Slope: 3.148

Error Coefficients

Relative Standard Deviation: 17.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	2.632325	50.0	916528.0	2.632325	Y
2	IC 410-710355/13	4.0	12.240136	50.0	1017456.0	3.060034	Y
3	IC 410-710355/14	10.0	37.598337	50.0	1227916.0	3.759834	Y
4	IC 410-710355/15	20.0	53.90231	50.0	909487.0	2.695115	Y
5	ICIS 410-710355/16	50.0	170.741376	50.0	897696.0	3.414828	Y
6	IC 410-710355/17	100.0	391.838268	50.0	961334.0	3.918383	Y
7	IC 410-710355/18	300.0	766.501008	50.0	1096127.0	2.555003	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

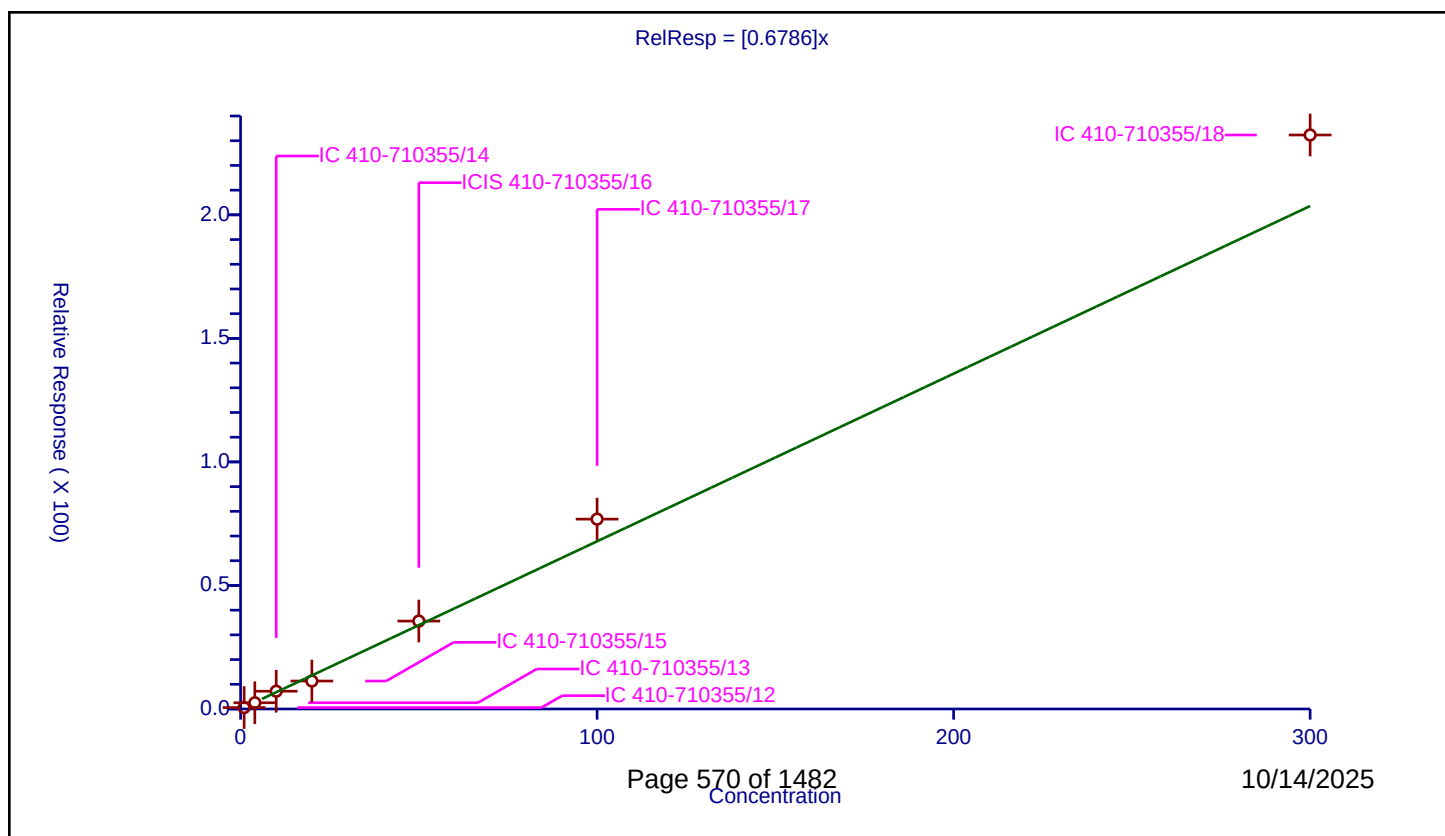
Curve Coefficients

Intercept: 0
 Slope: 0.6786

Error Coefficients

Relative Standard Deviation: 12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.580015	50.0	916528.0	0.580015	Y
2	IC 410-710355/13	4.0	2.521141	50.0	1017456.0	0.630285	Y
3	IC 410-710355/14	10.0	7.192593	50.0	1227916.0	0.719259	Y
4	IC 410-710355/15	20.0	11.317864	50.0	909487.0	0.565893	Y
5	ICIS 410-710355/16	50.0	35.582981	50.0	897696.0	0.71166	Y
6	IC 410-710355/17	100.0	76.844988	50.0	961334.0	0.76845	Y
7	IC 410-710355/18	300.0	232.311402	50.0	1096127.0	0.774371	Y



Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

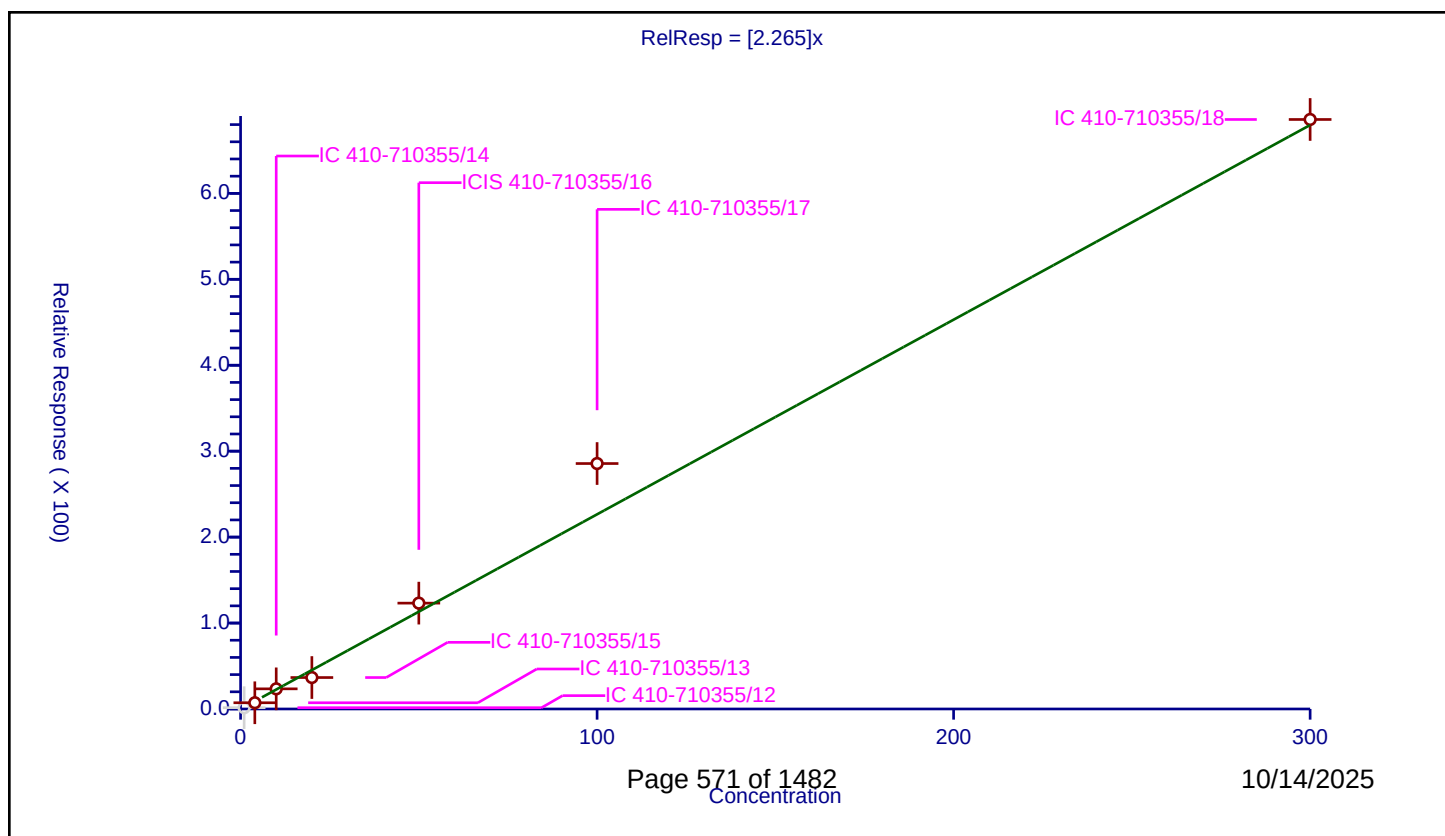
Curve Coefficients

Intercept: 0
Slope: 2.265

Error Coefficients

Relative Standard Deviation: 17.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.506228	50.0	916528.0	1.506228	N
2	IC 410-710355/13	4.0	7.233531	50.0	1017456.0	1.808383	Y
3	IC 410-710355/14	10.0	23.445537	50.0	1227916.0	2.344554	Y
4	IC 410-710355/15	20.0	36.598874	50.0	909487.0	1.829944	Y
5	ICIS 410-710355/16	50.0	123.1814	50.0	897696.0	2.463628	Y
6	IC 410-710355/17	100.0	285.625131	50.0	961334.0	2.856251	Y
7	IC 410-710355/18	300.0	685.979088	50.0	1096127.0	2.286597	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

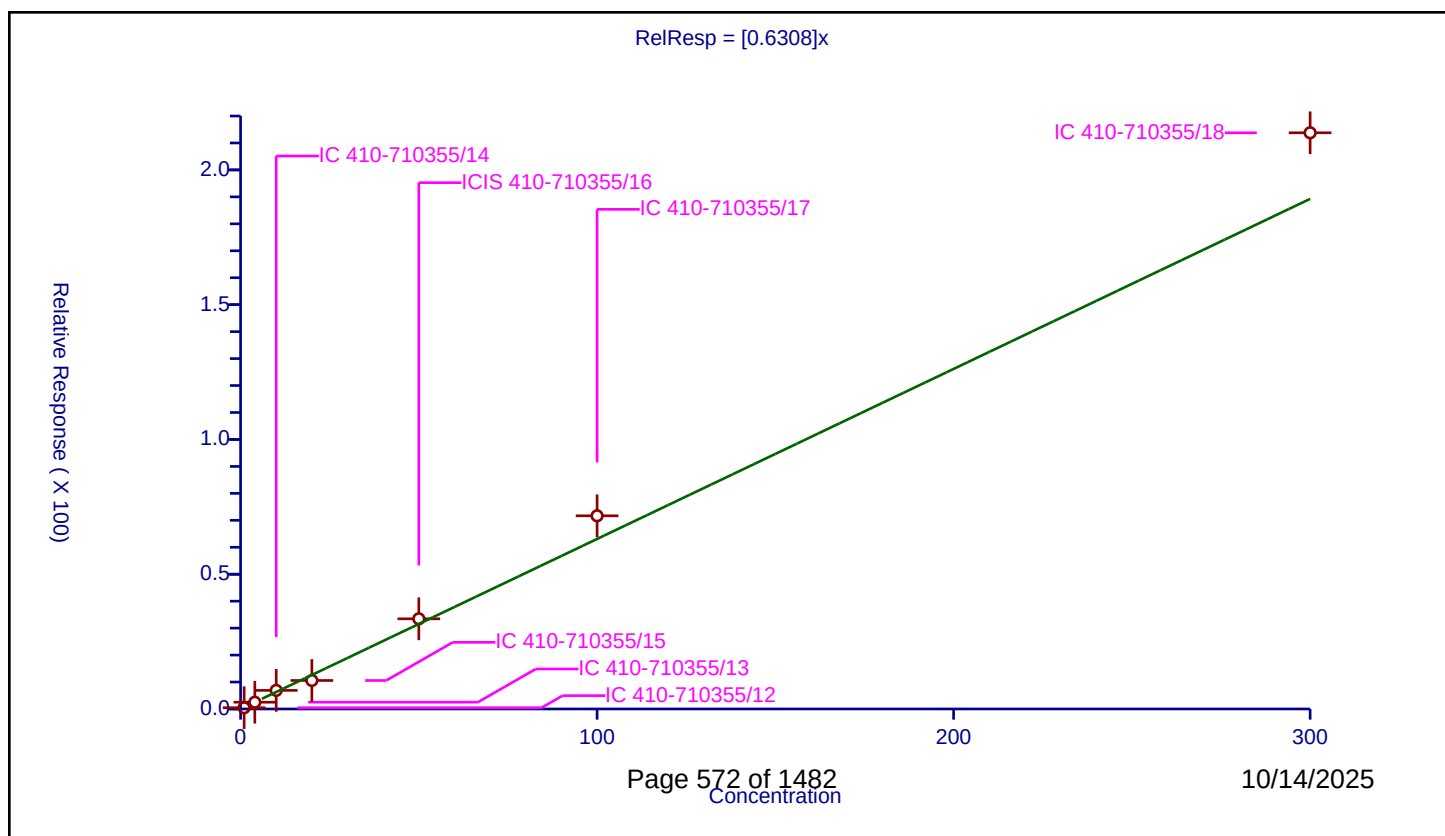
Curve Coefficients

Intercept: 0
Slope: 0.6308

Error Coefficients

Relative Standard Deviation: 15.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.469653	50.0	916528.0	0.469653	Y
2	IC 410-710355/13	4.0	2.517406	50.0	1017456.0	0.629352	Y
3	IC 410-710355/14	10.0	6.897337	50.0	1227916.0	0.689734	Y
4	IC 410-710355/15	20.0	10.573323	50.0	909487.0	0.528666	Y
5	ICIS 410-710355/16	50.0	33.457262	50.0	897696.0	0.669145	Y
6	IC 410-710355/17	100.0	71.674309	50.0	961334.0	0.716743	Y
7	IC 410-710355/18	300.0	213.777646	50.0	1096127.0	0.712592	Y



Calibration

/ tert-Butylbenzene

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

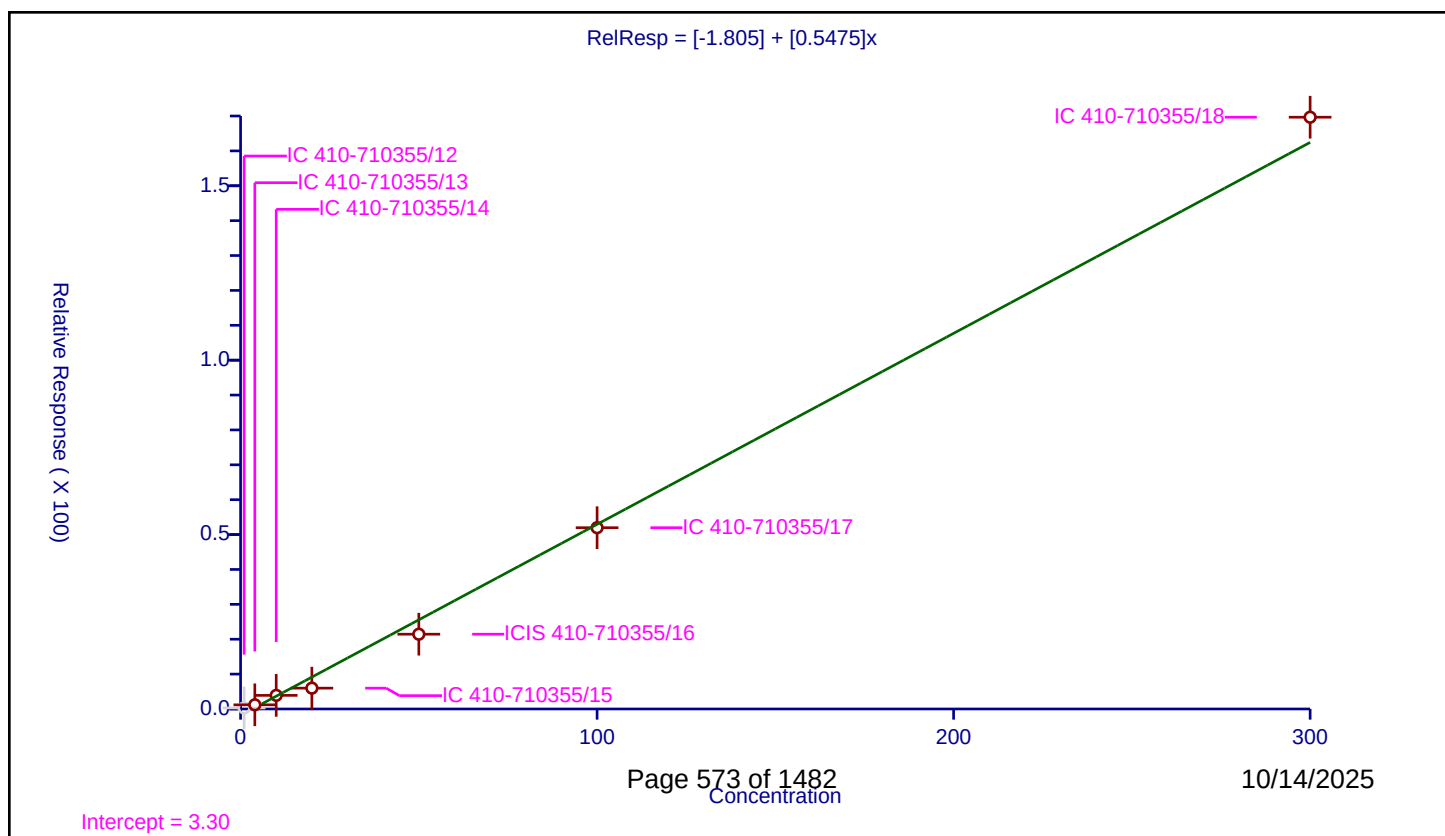
Curve Coefficients

Intercept: -1.805
Slope: 0.5475

Error Coefficients

Relative Standard Deviation: 24.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.299718	50.0	916528.0	0.299718	N
2	IC 410-710355/13	4.0	1.1973	50.0	1017456.0	0.299325	Y
3	IC 410-710355/14	10.0	3.903117	50.0	1227916.0	0.390312	Y
4	IC 410-710355/15	20.0	5.977271	50.0	909487.0	0.298864	Y
5	ICIS 410-710355/16	50.0	21.442114	50.0	897696.0	0.428842	Y
6	IC 410-710355/17	100.0	51.972103	50.0	961334.0	0.519721	Y
7	IC 410-710355/18	300.0	169.655934	50.0	1096127.0	0.56552	Y



Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

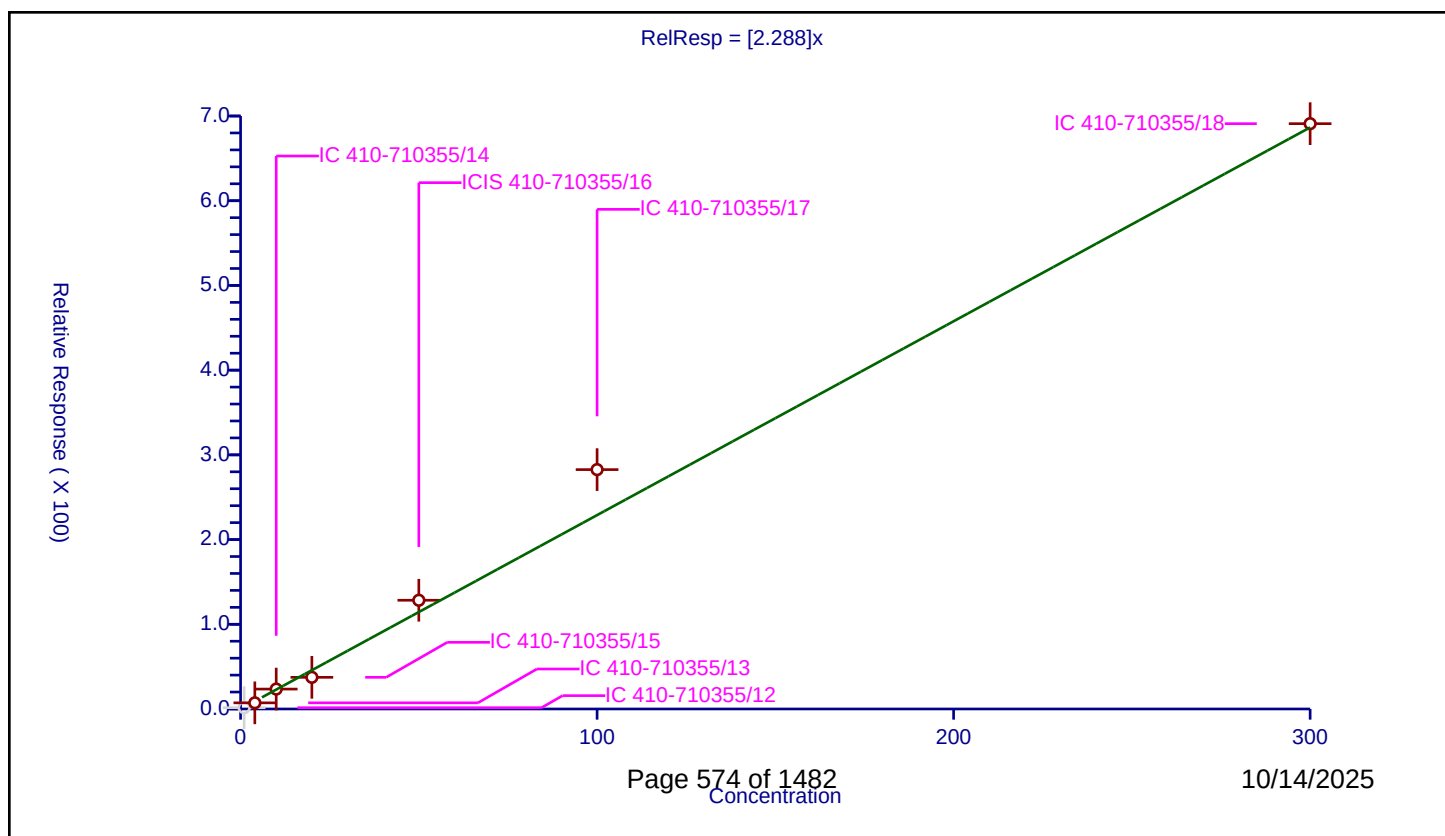
Curve Coefficients

Intercept: 0
Slope: 2.288

Error Coefficients

Relative Standard Deviation: 17.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.530068	50.0	916528.0	1.530068	N
2	IC 410-710355/13	4.0	7.256284	50.0	1017456.0	1.814071	Y
3	IC 410-710355/14	10.0	23.513335	50.0	1227916.0	2.351333	Y
4	IC 410-710355/15	20.0	37.389594	50.0	909487.0	1.86948	Y
5	ICIS 410-710355/16	50.0	128.348015	50.0	897696.0	2.56696	Y
6	IC 410-710355/17	100.0	282.57255	50.0	961334.0	2.825726	Y
7	IC 410-710355/18	300.0	690.960308	50.0	1096127.0	2.303201	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

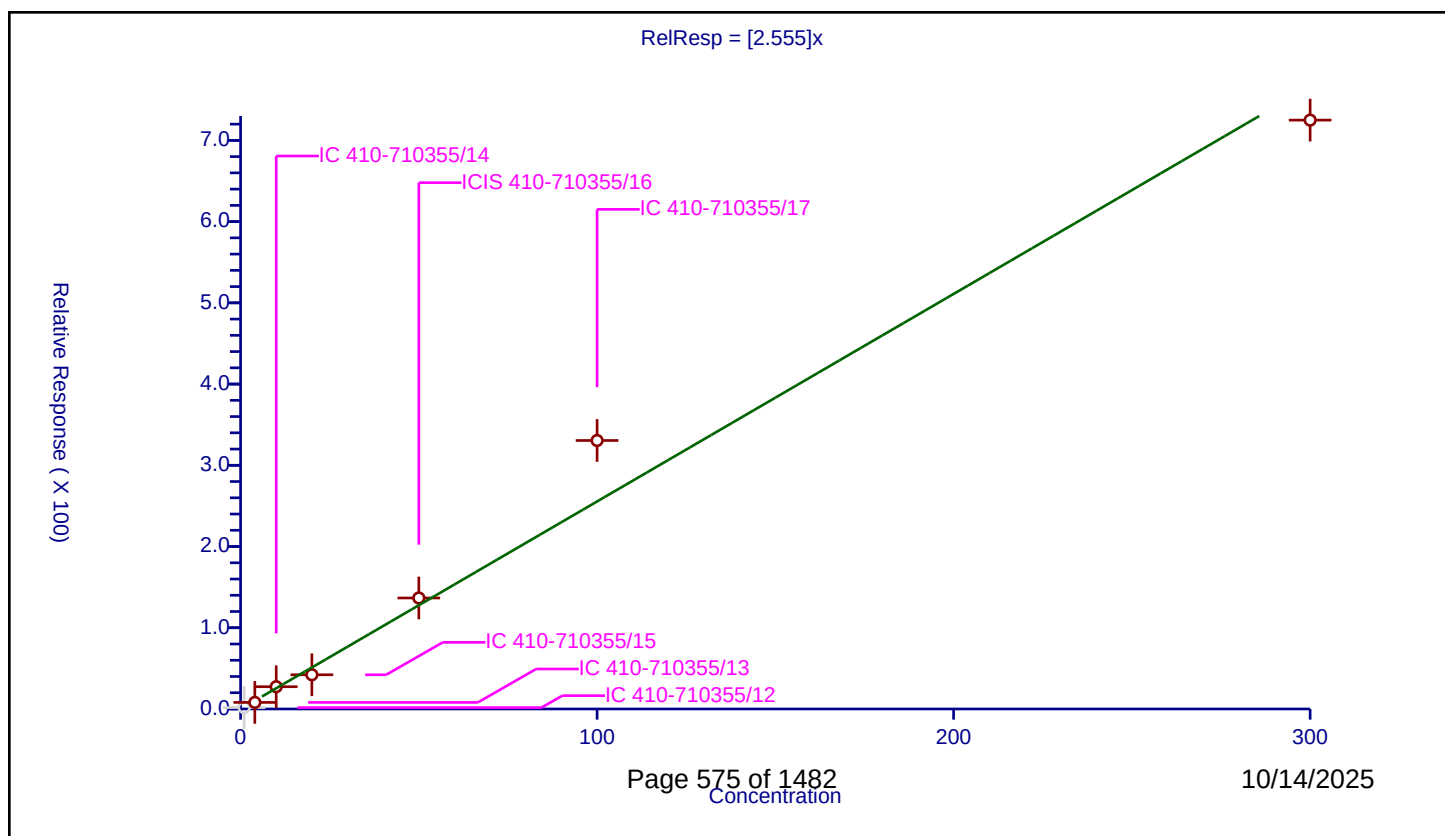
Curve Coefficients

Intercept: 0
Slope: 2.555

Error Coefficients

Relative Standard Deviation: 18.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.729516	50.0	916528.0	1.729516	N
2	IC 410-710355/13	4.0	8.100596	50.0	1017456.0	2.025149	Y
3	IC 410-710355/14	10.0	27.426062	50.0	1227916.0	2.742606	Y
4	IC 410-710355/15	20.0	42.123692	50.0	909487.0	2.106185	Y
5	ICIS 410-710355/16	50.0	136.654502	50.0	897696.0	2.73309	Y
6	IC 410-710355/17	100.0	330.534913	50.0	961334.0	3.305349	Y
7	IC 410-710355/18	300.0	724.957829	50.0	1096127.0	2.416526	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

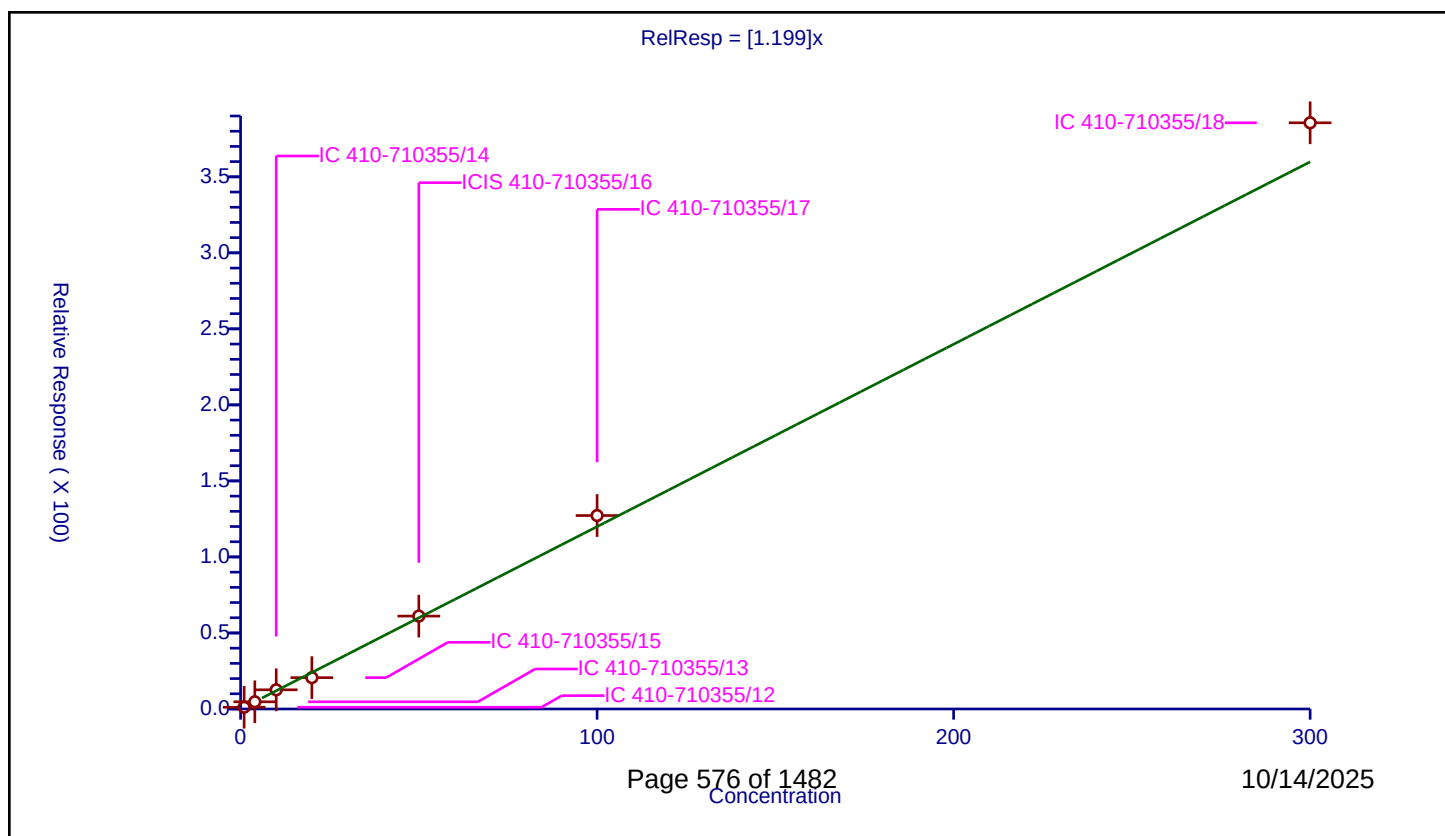
Curve Coefficients

Intercept: 0
Slope: 1.199

Error Coefficients

Relative Standard Deviation: 7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.1429	50.0	916528.0	1.1429	Y
2	IC 410-710355/13	4.0	4.728902	50.0	1017456.0	1.182226	Y
3	IC 410-710355/14	10.0	12.613322	50.0	1227916.0	1.261332	Y
4	IC 410-710355/15	20.0	20.60942	50.0	909487.0	1.030471	Y
5	ICIS 410-710355/16	50.0	61.102923	50.0	897696.0	1.222058	Y
6	IC 410-710355/17	100.0	127.237308	50.0	961334.0	1.272373	Y
7	IC 410-710355/18	300.0	385.537123	50.0	1096127.0	1.285124	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

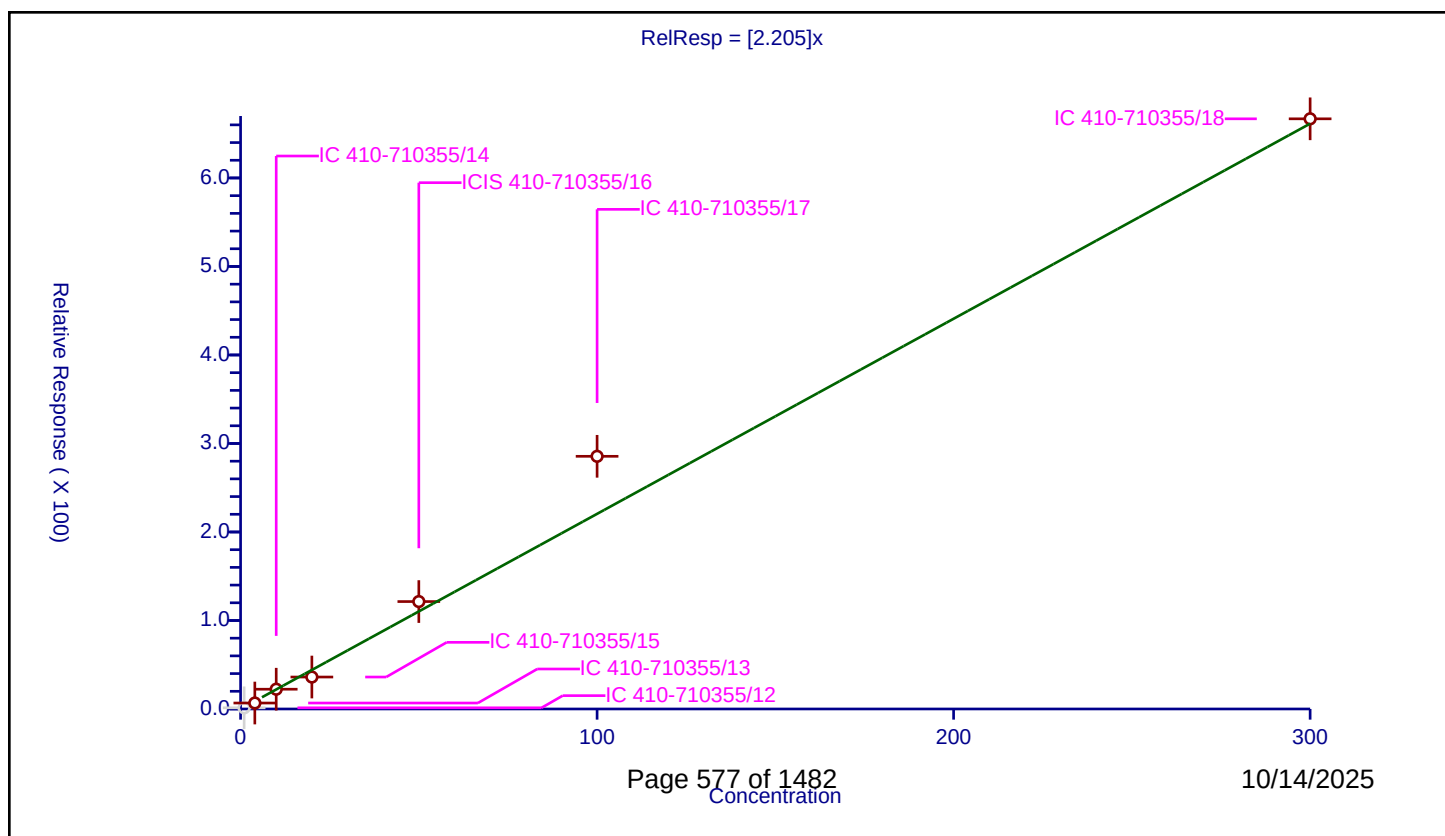
Curve Coefficients

Intercept: 0
 Slope: 2.205

Error Coefficients

Relative Standard Deviation: 19.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.339457	50.0	916528.0	1.339457	N
2	IC 410-710355/13	4.0	6.725795	50.0	1017456.0	1.681449	Y
3	IC 410-710355/14	10.0	22.350104	50.0	1227916.0	2.23501	Y
4	IC 410-710355/15	20.0	36.121462	50.0	909487.0	1.806073	Y
5	ICIS 410-710355/16	50.0	121.367813	50.0	897696.0	2.427356	Y
6	IC 410-710355/17	100.0	285.493179	50.0	961334.0	2.854932	Y
7	IC 410-710355/18	300.0	666.834226	50.0	1096127.0	2.222781	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

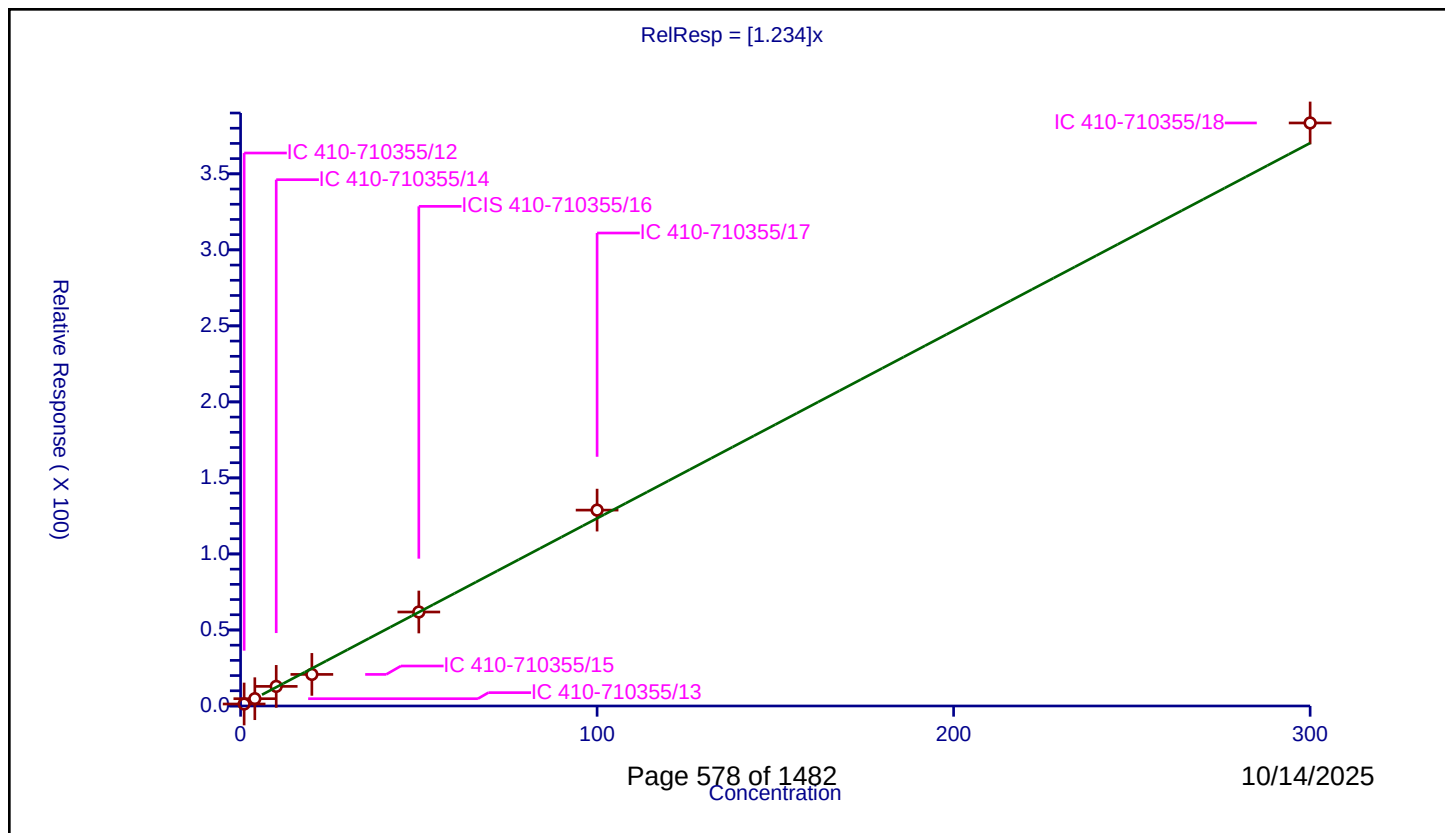
Curve Coefficients

Intercept: 0
Slope: 1.234

Error Coefficients

Relative Standard Deviation: 7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.305307	50.0	916528.0	1.305307	Y
2	IC 410-710355/13	4.0	4.805368	50.0	1017456.0	1.201342	Y
3	IC 410-710355/14	10.0	12.90809	50.0	1227916.0	1.290809	Y
4	IC 410-710355/15	20.0	20.767861	50.0	909487.0	1.038393	Y
5	ICIS 410-710355/16	50.0	61.819703	50.0	897696.0	1.236394	Y
6	IC 410-710355/17	100.0	128.835296	50.0	961334.0	1.288353	Y
7	IC 410-710355/18	300.0	383.464735	50.0	1096127.0	1.278216	Y



Calibration

/ 1,2,3-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

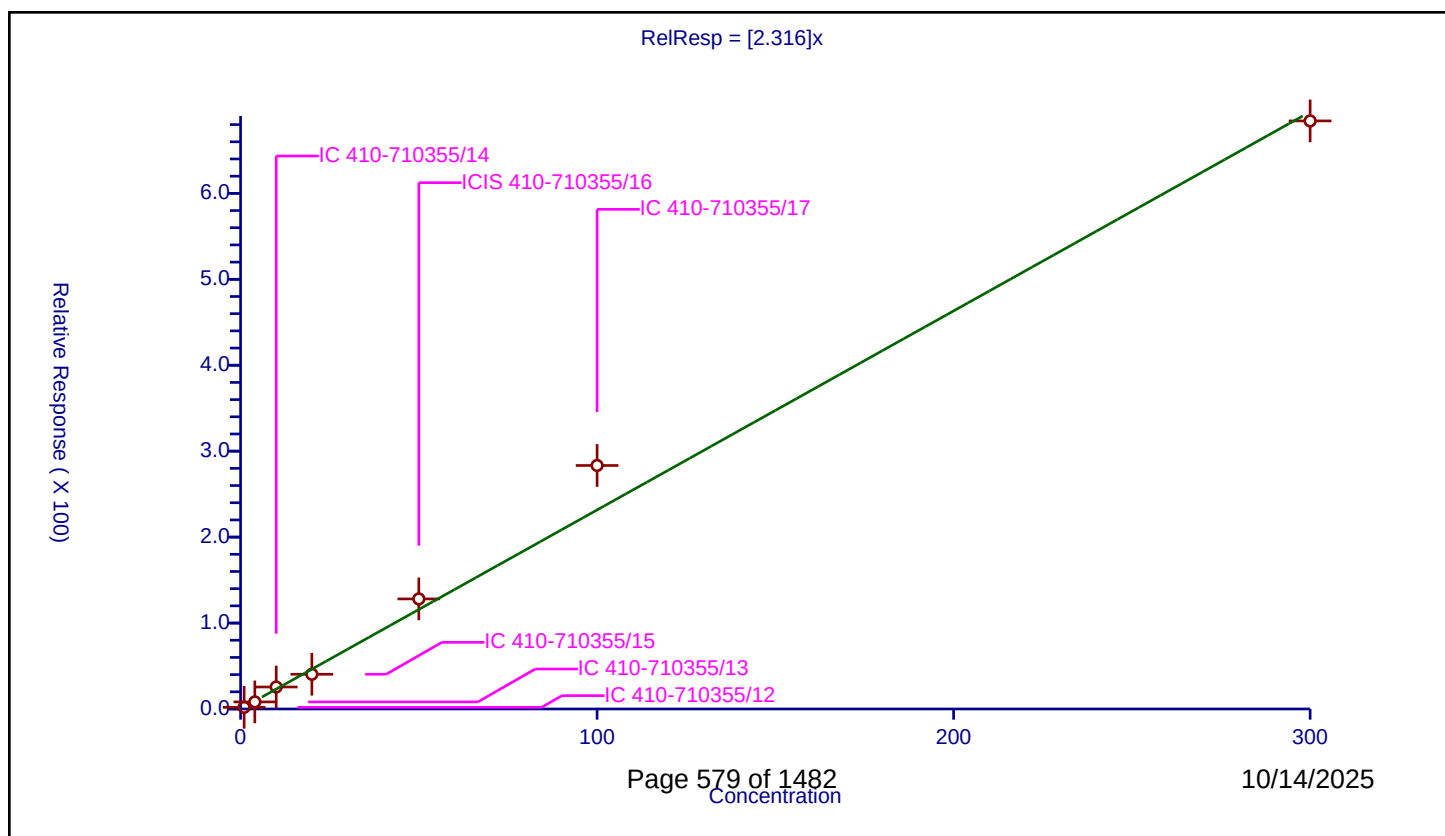
Curve Coefficients

Intercept: 0
Slope: 2.316

Error Coefficients

Relative Standard Deviation: 14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.897105	50.0	916528.0	1.897105	Y
2	IC 410-710355/13	4.0	8.23559	50.0	1017456.0	2.058897	Y
3	IC 410-710355/14	10.0	25.589902	50.0	1227916.0	2.55899	Y
4	IC 410-710355/15	20.0	40.428395	50.0	909487.0	2.02142	Y
5	ICIS 410-710355/16	50.0	128.090077	50.0	897696.0	2.561802	Y
6	IC 410-710355/17	100.0	283.339973	50.0	961334.0	2.8334	Y
7	IC 410-710355/18	300.0	684.282022	50.0	1096127.0	2.28094	Y



Calibration

/ Benzyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

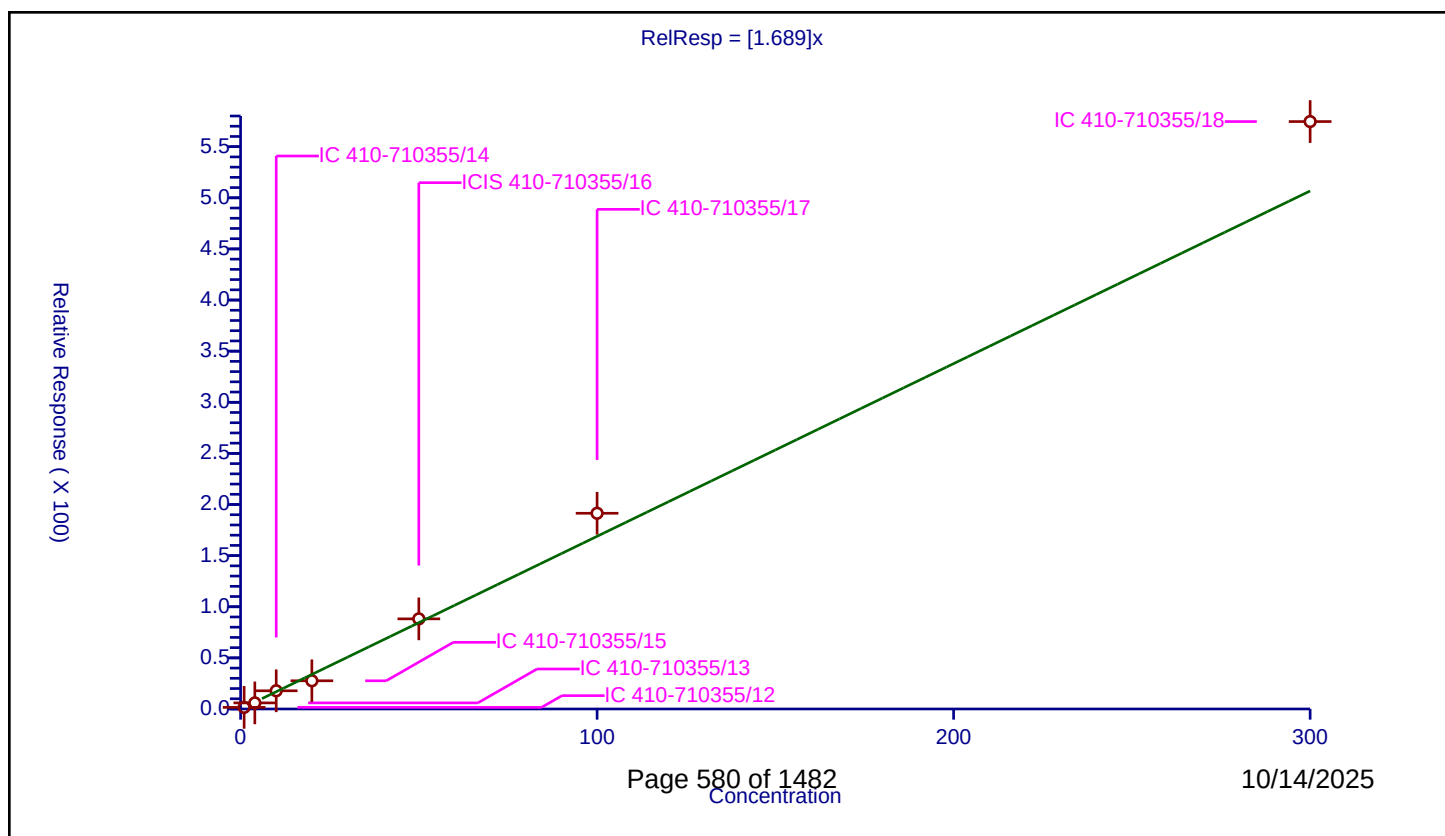
Curve Coefficients

Intercept: 0
 Slope: 1.689

Error Coefficients

Relative Standard Deviation: 12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.584076	50.0	916528.0	1.584076	Y
2	IC 410-710355/13	4.0	5.949889	50.0	1017456.0	1.487472	Y
3	IC 410-710355/14	10.0	17.7934	50.0	1227916.0	1.77934	Y
4	IC 410-710355/15	20.0	27.58819	50.0	909487.0	1.379409	Y
5	ICIS 410-710355/16	50.0	88.153896	50.0	897696.0	1.763078	Y
6	IC 410-710355/17	100.0	191.446781	50.0	961334.0	1.914468	Y
7	IC 410-710355/18	300.0	574.579451	50.0	1096127.0	1.915265	Y



Calibration

/ 1,3-Diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

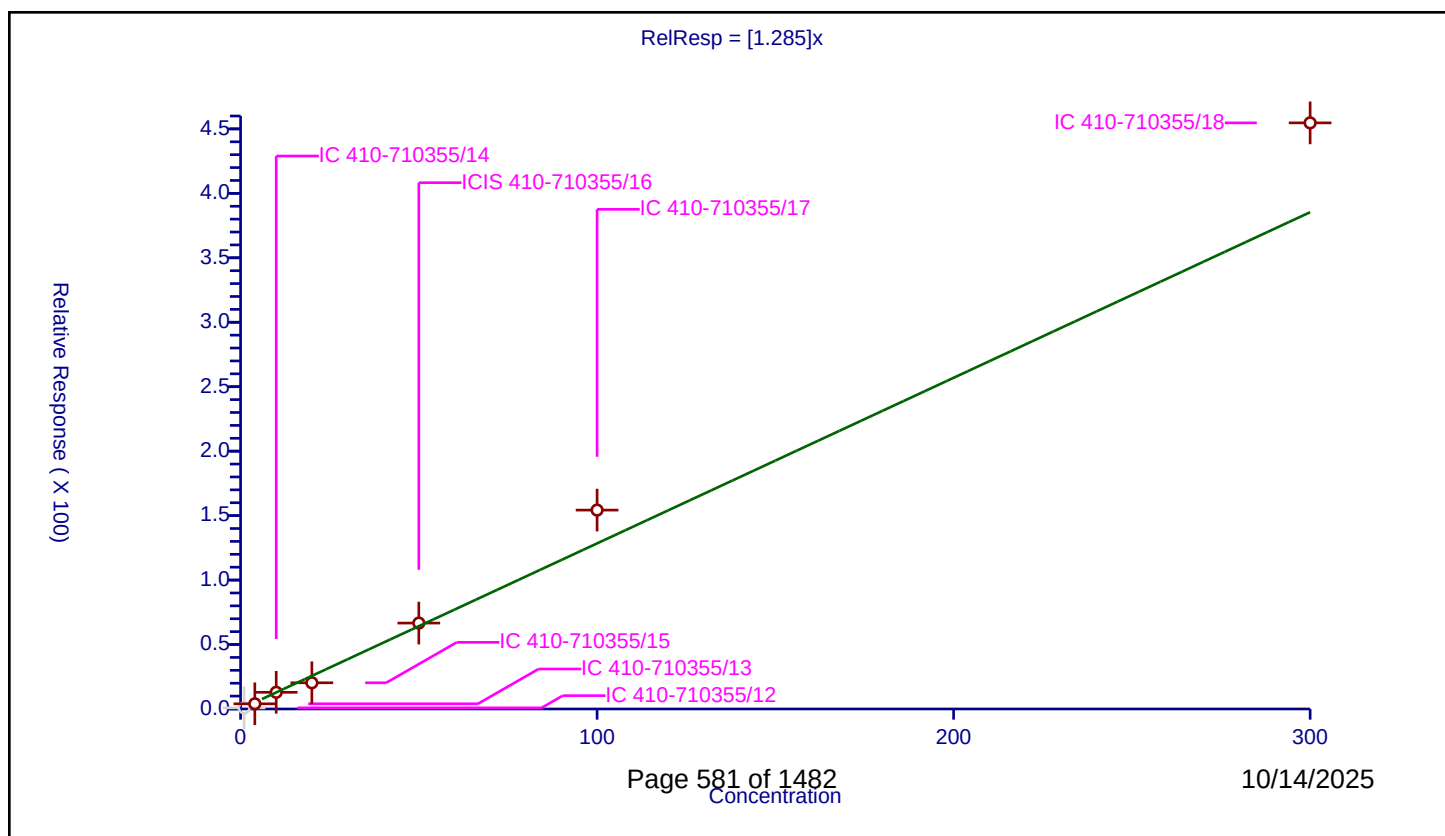
Curve Coefficients

Intercept: 0
Slope: 1.285

Error Coefficients

Relative Standard Deviation: 18.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.886716	50.0	916528.0	0.886716	N
2	IC 410-710355/13	4.0	4.021796	50.0	1017456.0	1.005449	Y
3	IC 410-710355/14	10.0	12.945715	50.0	1227916.0	1.294571	Y
4	IC 410-710355/15	20.0	20.316838	50.0	909487.0	1.015842	Y
5	ICIS 410-710355/16	50.0	66.650347	50.0	897696.0	1.333007	Y
6	IC 410-710355/17	100.0	154.297466	50.0	961334.0	1.542975	Y
7	IC 410-710355/18	300.0	454.679111	50.0	1096127.0	1.515597	Y



Calibration

/ p-Diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

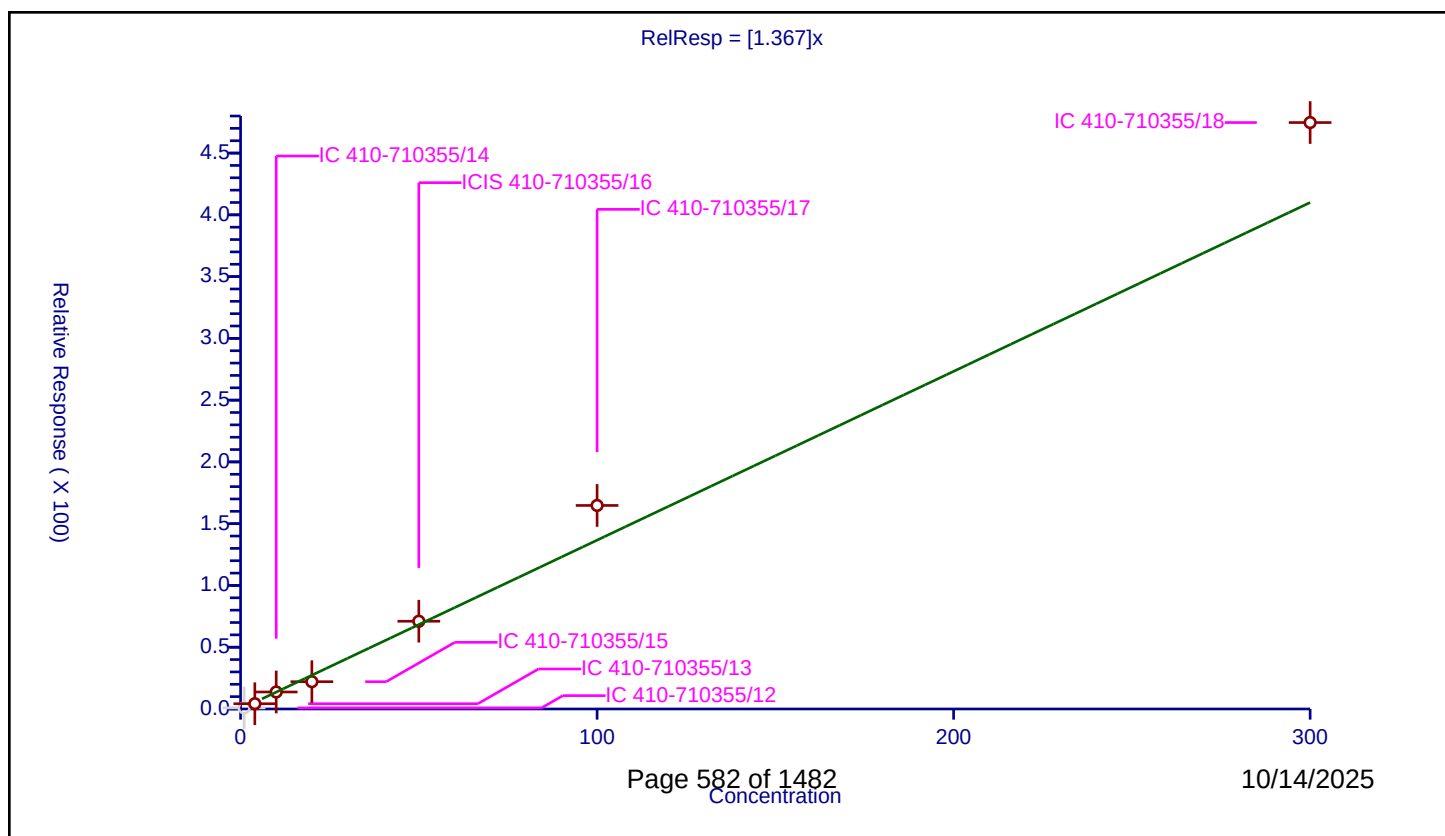
Curve Coefficients

Intercept: 0
Slope: 1.367

Error Coefficients

Relative Standard Deviation: 17.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.889498	50.0	916528.0	0.889498	N
2	IC 410-710355/13	4.0	4.265688	50.0	1017456.0	1.066422	Y
3	IC 410-710355/14	10.0	13.77126	50.0	1227916.0	1.377126	Y
4	IC 410-710355/15	20.0	22.103944	50.0	909487.0	1.105197	Y
5	ICIS 410-710355/16	50.0	71.036297	50.0	897696.0	1.420726	Y
6	IC 410-710355/17	100.0	164.746696	50.0	961334.0	1.647467	Y
7	IC 410-710355/18	300.0	474.717209	50.0	1096127.0	1.582391	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

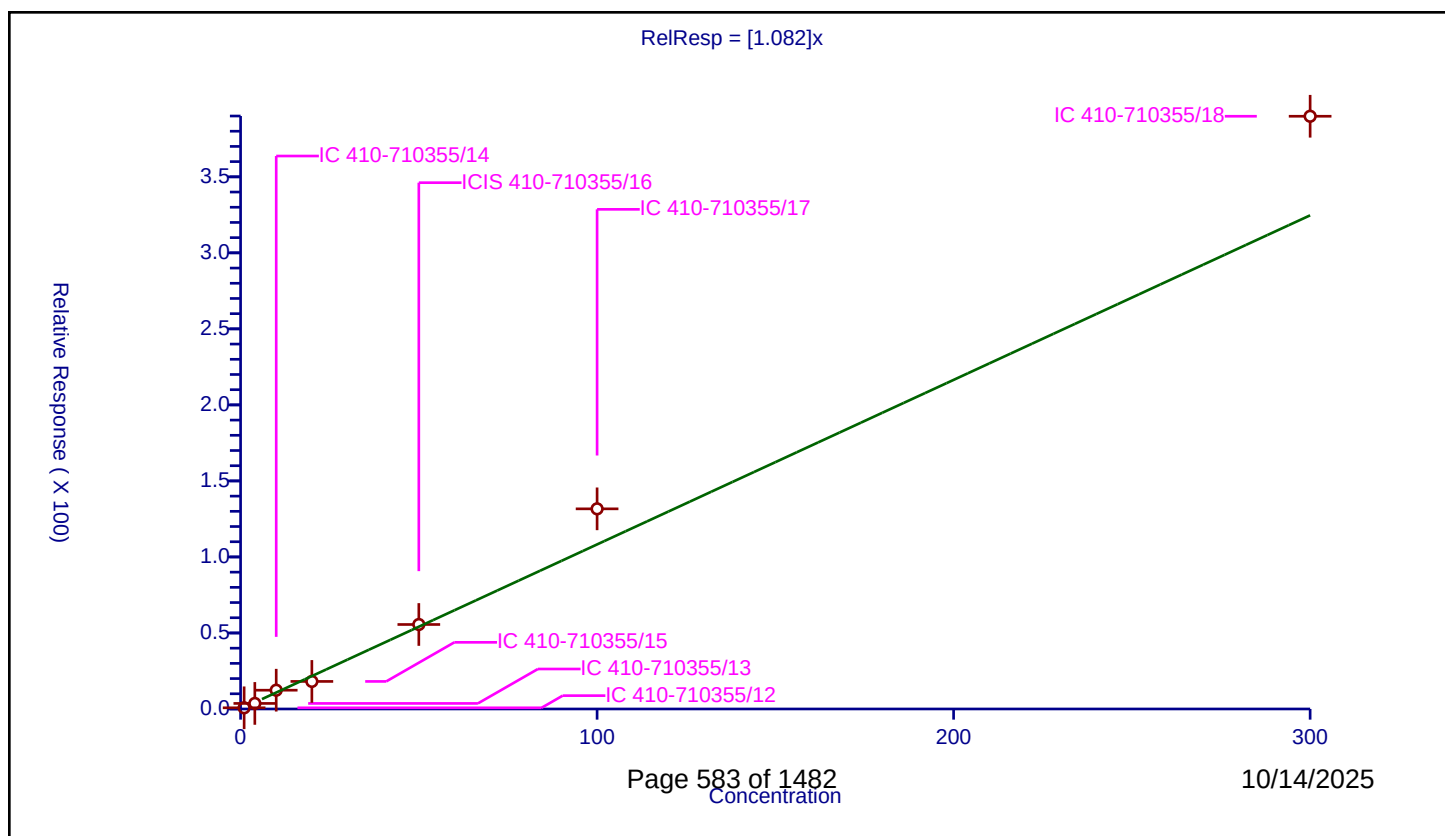
Curve Coefficients

Intercept: 0
Slope: 1.082

Error Coefficients

Relative Standard Deviation: 19.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.788956	50.0	916528.0	0.788956	Y
2	IC 410-710355/13	4.0	3.664434	50.0	1017456.0	0.916108	Y
3	IC 410-710355/14	10.0	12.364404	50.0	1227916.0	1.23644	Y
4	IC 410-710355/15	20.0	18.133959	50.0	909487.0	0.906698	Y
5	ICIS 410-710355/16	50.0	55.579339	50.0	897696.0	1.111587	Y
6	IC 410-710355/17	100.0	131.645037	50.0	961334.0	1.31645	Y
7	IC 410-710355/18	300.0	389.850401	50.0	1096127.0	1.299501	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

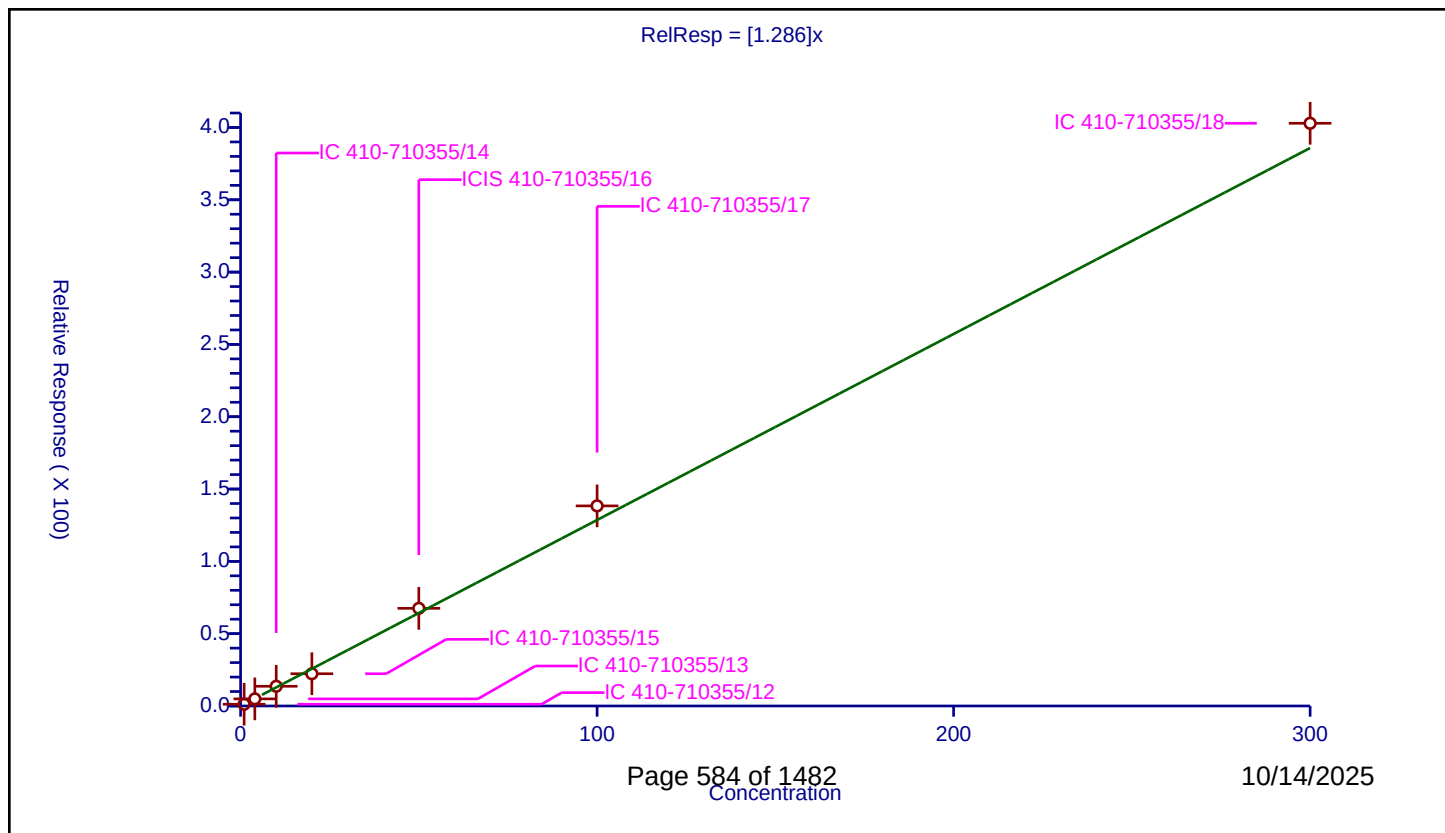
Curve Coefficients

Intercept: 0
Slope: 1.286

Error Coefficients

Relative Standard Deviation: 7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.216275	50.0	916528.0	1.216275	Y
2	IC 410-710355/13	4.0	4.919426	50.0	1017456.0	1.229857	Y
3	IC 410-710355/14	10.0	13.639288	50.0	1227916.0	1.363929	Y
4	IC 410-710355/15	20.0	22.298889	50.0	909487.0	1.114944	Y
5	ICIS 410-710355/16	50.0	67.537563	50.0	897696.0	1.350751	Y
6	IC 410-710355/17	100.0	138.348899	50.0	961334.0	1.383489	Y
7	IC 410-710355/18	300.0	402.903131	50.0	1096127.0	1.34301	Y



Calibration

/ o-diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

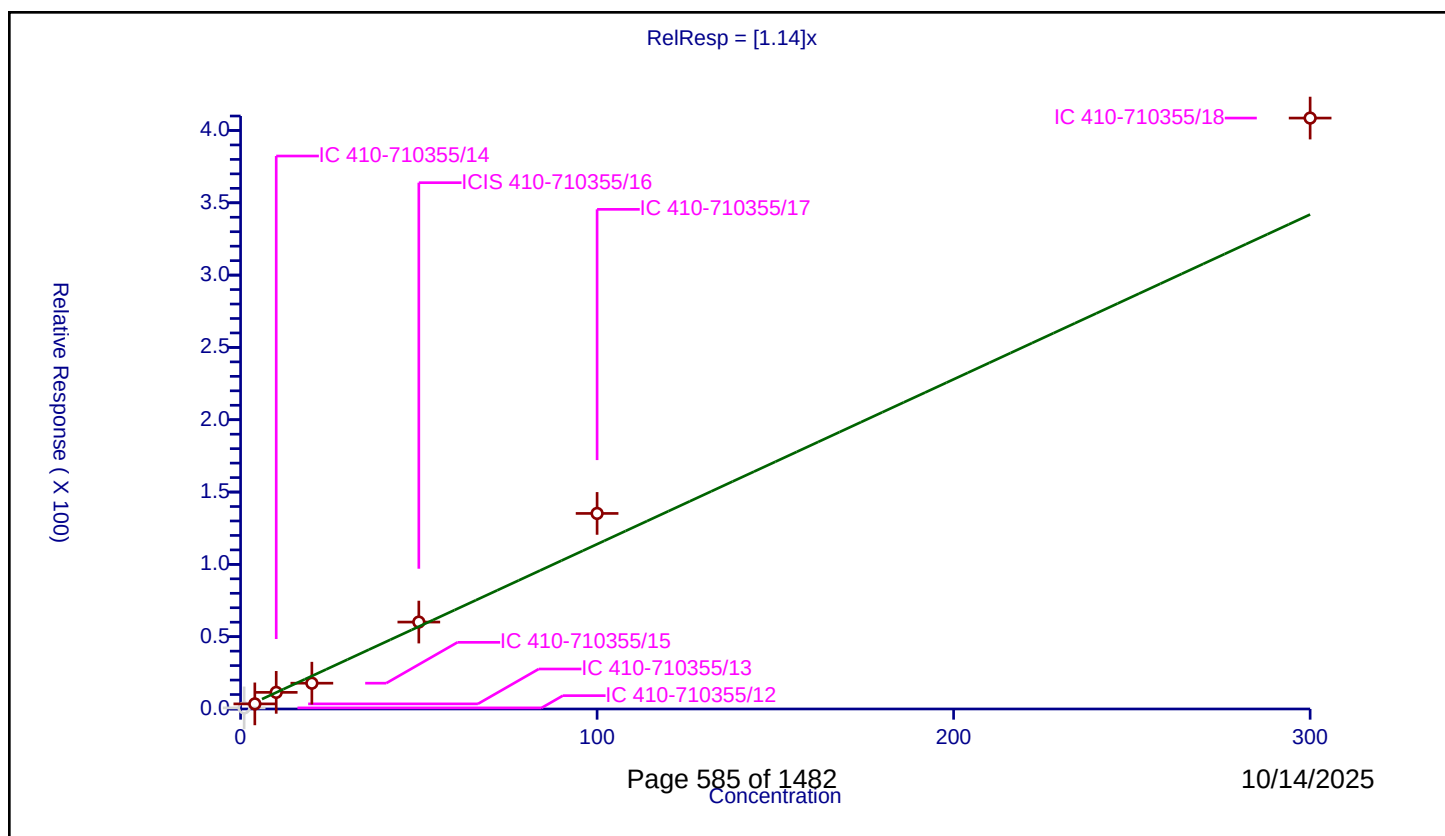
Curve Coefficients

Intercept: 0
Slope: 1.14

Error Coefficients

Relative Standard Deviation: 18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.757096	50.0	916528.0	0.757096	N
2	IC 410-710355/13	4.0	3.523543	50.0	1017456.0	0.880886	Y
3	IC 410-710355/14	10.0	11.493498	50.0	1227916.0	1.14935	Y
4	IC 410-710355/15	20.0	17.838298	50.0	909487.0	0.891915	Y
5	ICIS 410-710355/16	50.0	60.101749	50.0	897696.0	1.202035	Y
6	IC 410-710355/17	100.0	135.209251	50.0	961334.0	1.352093	Y
7	IC 410-710355/18	300.0	408.586231	50.0	1096127.0	1.361954	Y



Calibration

/ 1,2-Dibromo-3-Chloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

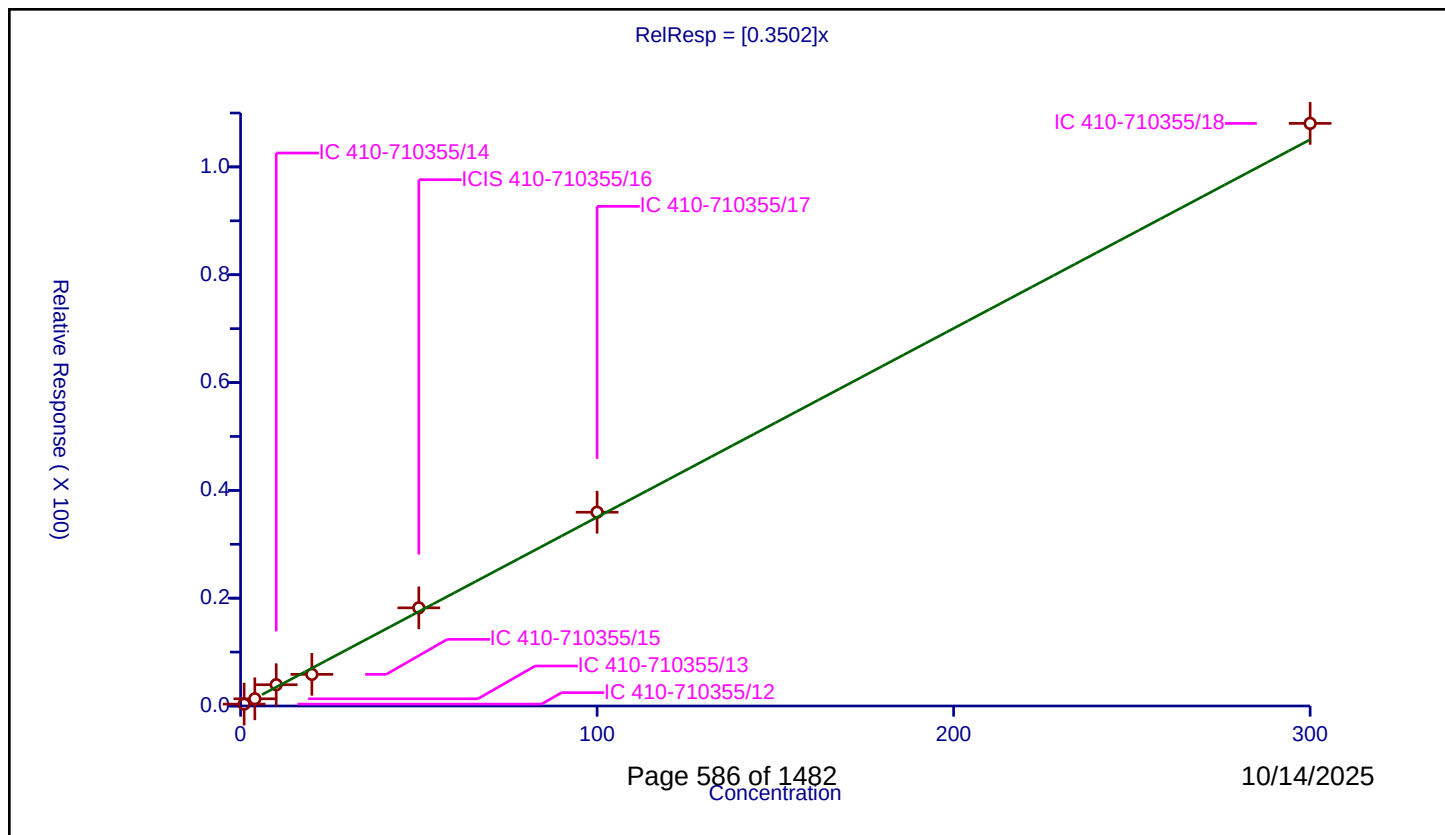
Curve Coefficients

Intercept: 0
 Slope: 0.3502

Error Coefficients

Relative Standard Deviation: 8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.346525	50.0	916528.0	0.346525	Y
2	IC 410-710355/13	4.0	1.33249	50.0	1017456.0	0.333123	Y
3	IC 410-710355/14	10.0	3.946035	50.0	1227916.0	0.394604	Y
4	IC 410-710355/15	20.0	5.869078	50.0	909487.0	0.293454	Y
5	ICIS 410-710355/16	50.0	18.206609	50.0	897696.0	0.364132	Y
6	IC 410-710355/17	100.0	35.946092	50.0	961334.0	0.359461	Y
7	IC 410-710355/18	300.0	108.073836	50.0	1096127.0	0.360246	Y



Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

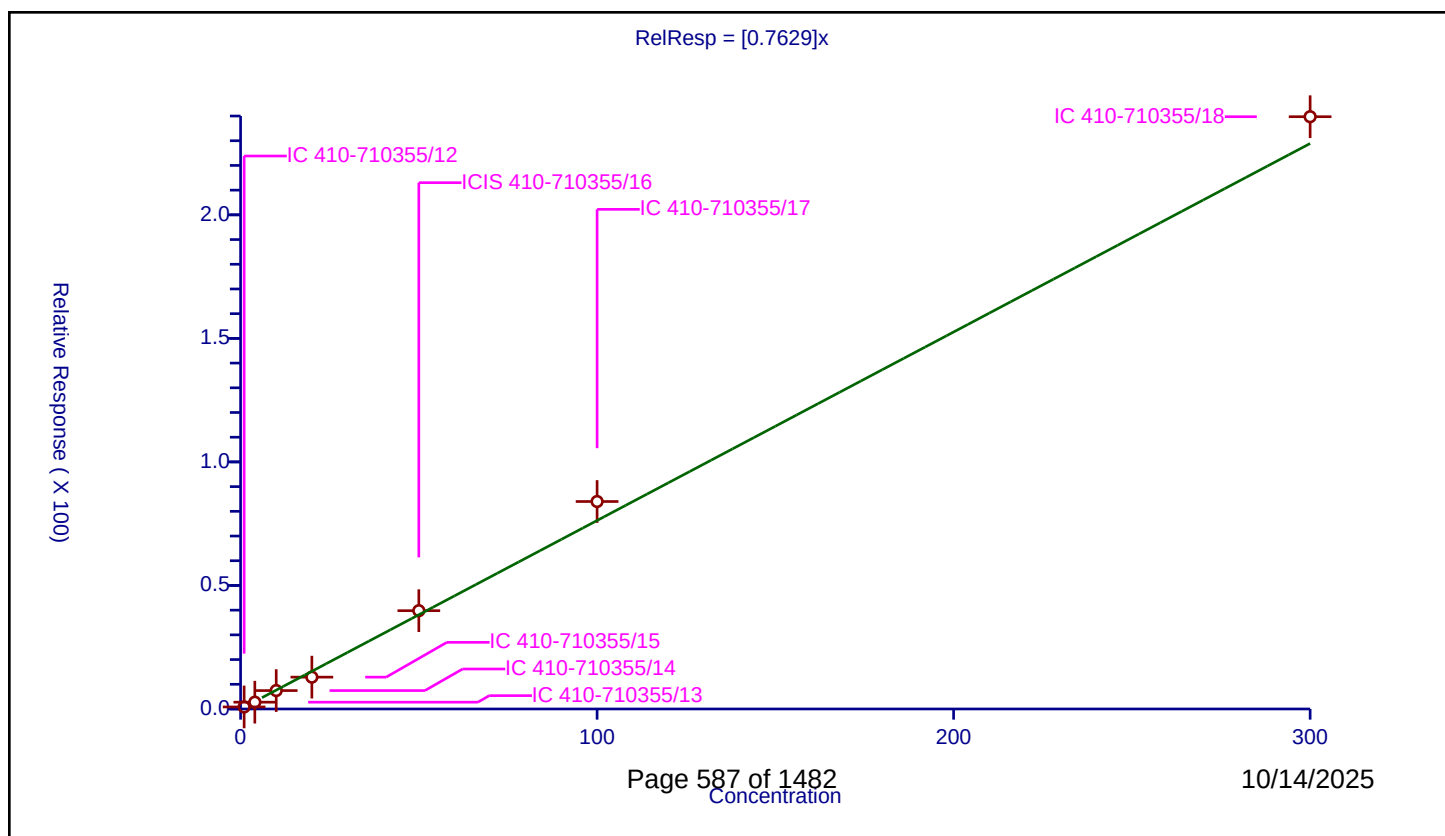
Curve Coefficients

Intercept: 0
Slope: 0.7629

Error Coefficients

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.826925	50.0	916528.0	0.826925	Y
2	IC 410-710355/13	4.0	2.758203	50.0	1017456.0	0.689551	Y
3	IC 410-710355/14	10.0	7.447904	50.0	1227916.0	0.74479	Y
4	IC 410-710355/15	20.0	12.892763	50.0	909487.0	0.644638	Y
5	ICIS 410-710355/16	50.0	39.783401	50.0	897696.0	0.795668	Y
6	IC 410-710355/17	100.0	83.977057	50.0	961334.0	0.839771	Y
7	IC 410-710355/18	300.0	239.723955	50.0	1096127.0	0.79908	Y



Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

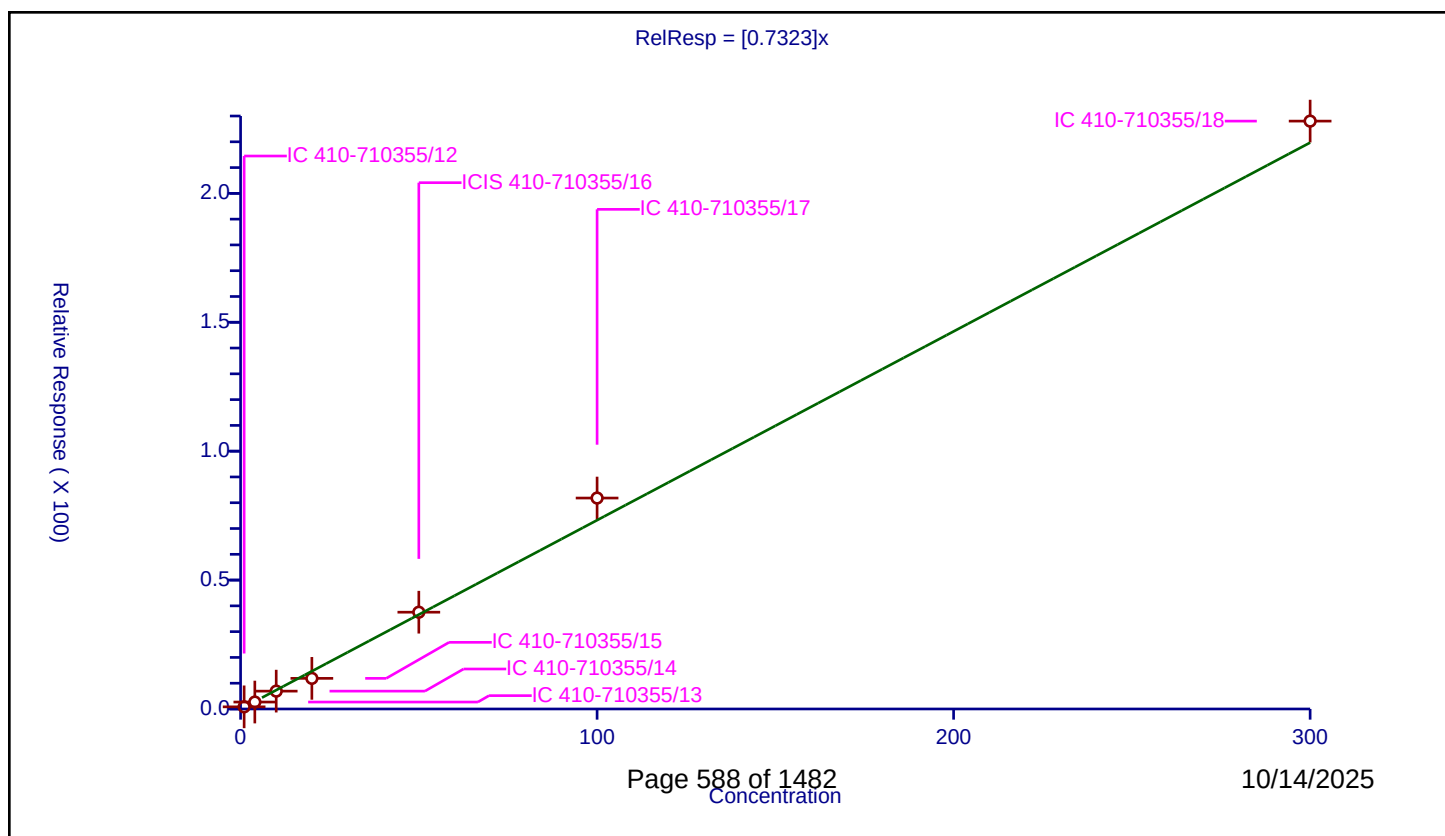
Curve Coefficients

Intercept: 0
Slope: 0.7323

Error Coefficients

Relative Standard Deviation: 11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.837018	50.0	916528.0	0.837018	Y
2	IC 410-710355/13	4.0	2.695645	50.0	1017456.0	0.673911	Y
3	IC 410-710355/14	10.0	6.920995	50.0	1227916.0	0.692099	Y
4	IC 410-710355/15	20.0	11.874331	50.0	909487.0	0.593717	Y
5	ICIS 410-710355/16	50.0	37.540827	50.0	897696.0	0.750817	Y
6	IC 410-710355/17	100.0	81.824319	50.0	961334.0	0.818243	Y
7	IC 410-710355/18	300.0	228.028413	50.0	1096127.0	0.760095	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

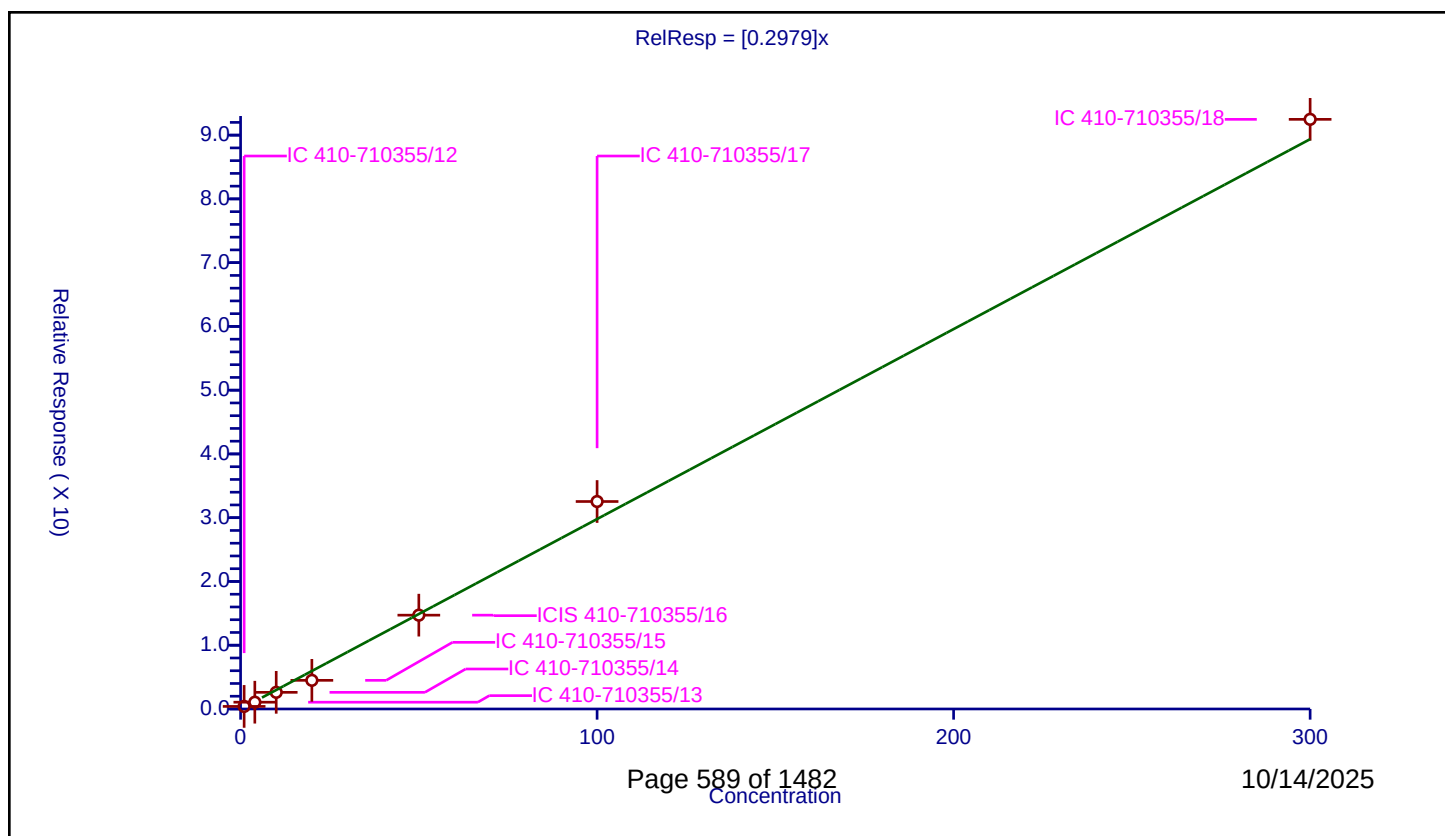
Curve Coefficients

Intercept: 0
Slope: 0.2979

Error Coefficients

Relative Standard Deviation: 19.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.405116	50.0	916528.0	0.405116	Y
2	IC 410-710355/13	4.0	1.065599	50.0	1017456.0	0.2664	Y
3	IC 410-710355/14	10.0	2.611172	50.0	1227916.0	0.261117	Y
4	IC 410-710355/15	20.0	4.493137	50.0	909487.0	0.224657	Y
5	ICIS 410-710355/16	50.0	14.714837	50.0	897696.0	0.294297	Y
6	IC 410-710355/17	100.0	32.54202	50.0	961334.0	0.32542	Y
7	IC 410-710355/18	300.0	92.478472	50.0	1096127.0	0.308262	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

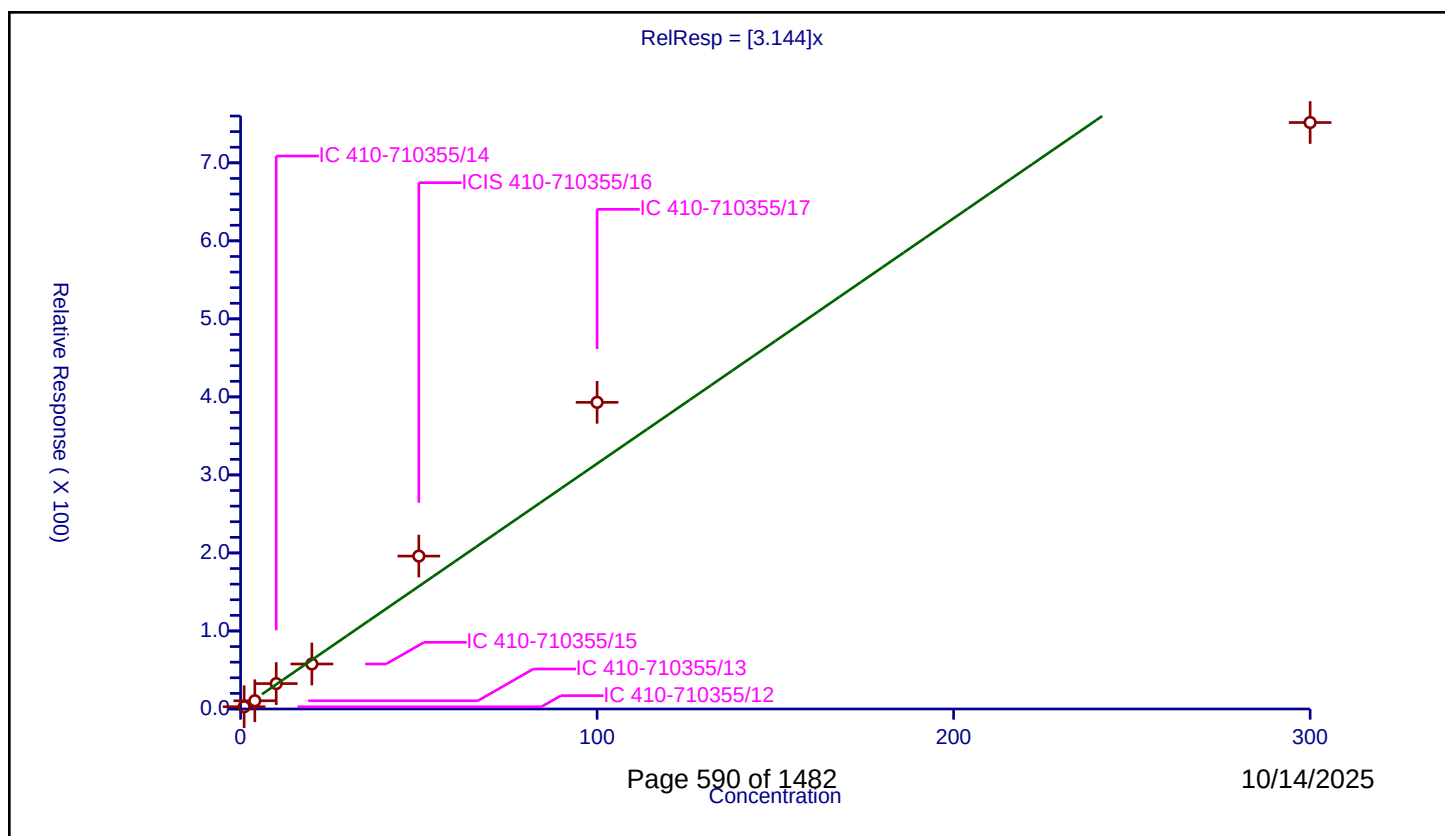
Curve Coefficients

Intercept: 0
Slope: 3.144

Error Coefficients

Relative Standard Deviation: 18.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	2.879672	50.0	916528.0	2.879672	Y
2	IC 410-710355/13	4.0	10.543109	50.0	1017456.0	2.635777	Y
3	IC 410-710355/14	10.0	32.560737	50.0	1227916.0	3.256074	Y
4	IC 410-710355/15	20.0	57.683672	50.0	909487.0	2.884184	Y
5	ICIS 410-710355/16	50.0	195.972801	50.0	897696.0	3.919456	Y
6	IC 410-710355/17	100.0	393.034679	50.0	961334.0	3.930347	Y
7	IC 410-710355/18	300.0	751.647026	50.0	1096127.0	2.50549	Y



Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

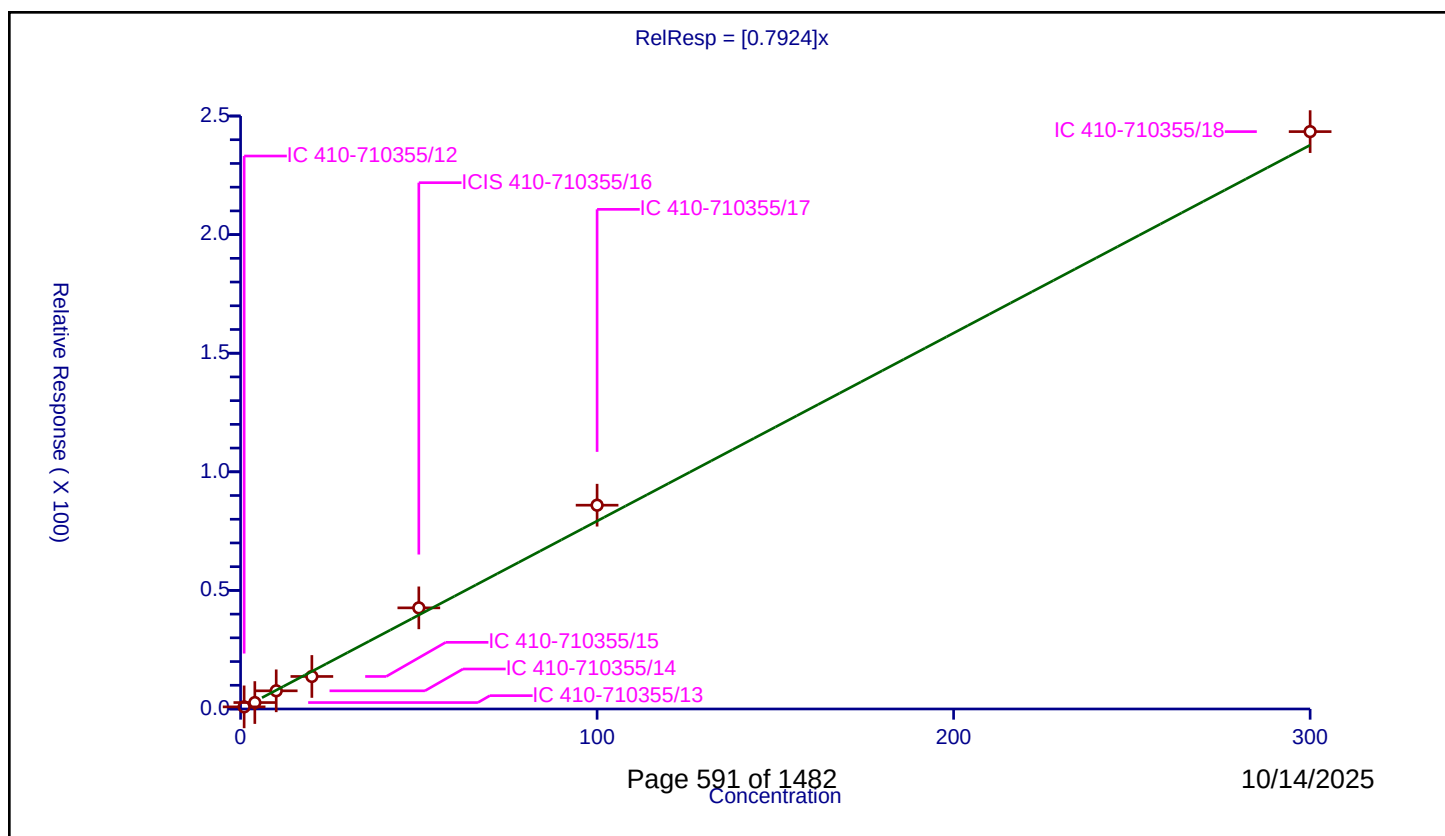
Curve Coefficients

Intercept: 0
Slope: 0.7924

Error Coefficients

Relative Standard Deviation: 10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.893972	50.0	916528.0	0.893972	Y
2	IC 410-710355/13	4.0	2.713189	50.0	1017456.0	0.678297	Y
3	IC 410-710355/14	10.0	7.656428	50.0	1227916.0	0.765643	Y
4	IC 410-710355/15	20.0	13.712071	50.0	909487.0	0.685604	Y
5	ICIS 410-710355/16	50.0	42.635703	50.0	897696.0	0.852714	Y
6	IC 410-710355/17	100.0	85.921334	50.0	961334.0	0.859213	Y
7	IC 410-710355/18	300.0	243.428134	50.0	1096127.0	0.811427	Y



Calibration

/ 2-Methylnaphthalene

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

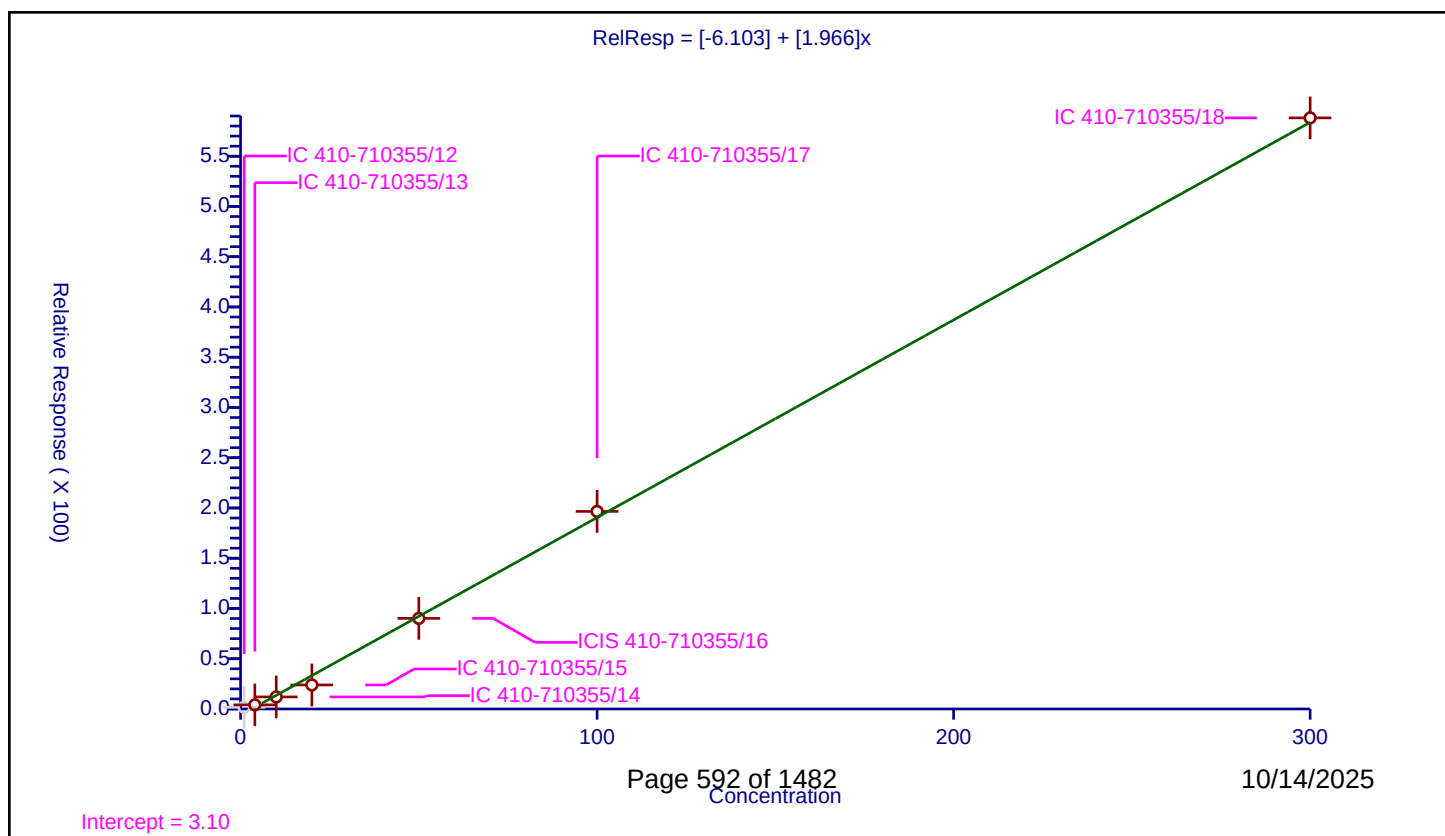
Curve Coefficients

Intercept: -6.103
Slope: 1.966

Error Coefficients

Relative Standard Deviation: 19.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.692092	50.0	916528.0	1.692092	N
2	IC 410-710355/13	4.0	4.102634	50.0	1017456.0	1.025659	Y
3	IC 410-710355/14	10.0	11.998337	50.0	1227916.0	1.199834	Y
4	IC 410-710355/15	20.0	23.926785	50.0	909487.0	1.196339	Y
5	ICIS 410-710355/16	50.0	90.154518	50.0	897696.0	1.80309	Y
6	IC 410-710355/17	100.0	196.590519	50.0	961334.0	1.965905	Y
7	IC 410-710355/18	300.0	588.143618	50.0	1096127.0	1.960479	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 15:55 Calibration End Date: 08/11/2025 17:37 Calibration ID: 75612

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-683596/3	5G11X02.D
Level 2	IC 410-683596/4	5G11X03.D
Level 3	IC 410-683596/5	5G11X04.D
Level 4	IC 410-683596/6	5G11X05.D
Level 5	IC 410-683596/7	5G11X06.D
Level 6	IC 410-683596/8	5G11X07.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.2417 0.2493	0.2723	0.2758	0.2684	0.2435	Ave		0.258 5				6.0		20.0			
Chlorodifluoromethane	7.2640 6.7967	6.9977	7.1112	6.8702	6.8772	Ave		6.986 1				2.5		20.0			
Freon 133a	0.3725 0.3721	0.3734	0.3933	0.3753	0.3616	Ave		0.374 7				2.8		20.0			
Ethanol	0.0700 0.0635	0.0624	0.0625	0.0607	0.0623	Ave		0.063 6				5.1		20.0			
Acetonitrile	0.9806 0.8580	0.8959	0.9377	0.9185	0.9629	Ave		0.925 6				4.8		20.0			
Vinyl acetate	0.6093 0.6602	0.6228	0.6796	0.6761	0.7433	Ave		0.665 2				7.2		20.0			
Ethyl acetate	0.3580 0.3848	0.3636	0.3993	0.3924	0.4203	Ave		0.386 4				6.0		20.0			
Isopropyl acetate	0.6366 0.6695	0.6294	0.6859	0.6825	0.7447	Ave		0.674 8				6.1		20.0			
n-Propyl acetate	0.1264 0.1452	0.1206	0.1415	0.1449	0.1576	Ave		0.139 4				9.7		20.0			
3,4-Dichloro-1-butene	0.3309 0.3830	0.3604	0.3843	0.3908	0.4113	Ave		0.376 8				7.4		20.0			
Butyl acetate	0.6869 0.7496	0.7347	0.7854	0.7818	0.8450	Ave		0.763 9				7.0		20.0			
cis-1,4-Dichloro-2-butene	0.1693 0.1973	0.1783	0.1991	0.2018	0.2145	Ave		0.193 4				8.6		20.0			
2,3,4-Trichlorobutene	0.5399 0.6520	0.5537	0.6362	0.6553	0.6931	Ave		0.621 7				9.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Pentachloroethane	0.3984 0.4727	0.3993	0.4505	0.4505	0.4647	Ave		0.439 3				7.4		20.0			

10/14/2025

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 15:55 Calibration End Date: 08/11/2025 17:37 Calibration ID: 75612

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-683596/3	5G11X02.D
Level 2	IC 410-683596/4	5G11X03.D
Level 3	IC 410-683596/5	5G11X04.D
Level 4	IC 410-683596/6	5G11X05.D
Level 5	IC 410-683596/7	5G11X06.D
Level 6	IC 410-683596/8	5G11X07.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	21837 1626852	59450	122081	295327	532126	4.00 300	10.0	20.0	50.0	100
Chlorodifluoromethane	TBA d1 0	Ave	47564 3225289	112915	228478	552537	1041428	4.00 300	10.0	20.0	50.0	100
Freon 133a	FB	Ave	33661 2427832	81515	174078	412966	790270	4.00 300	10.0	20.0	50.0	100
Ethanol	TBA d1 0	Ave	28642 753190	50381	100340	122142	235718	250 7500	500	1000	1250	2500
Acetonitrile	TBA d1 0	Ave	32105 2035673	72280	150644	369368	729087	20.0 1500	50.0	100	250	500
Vinyl acetate	FB	Ave	55060 4307585	135969	300761	743892	1624476	4.00 300	10.0	20.0	50.0	100
Ethyl acetate	FB	Ave	32354 2510885	79373	176731	431698	918538	4.00 300	10.0	20.0	50.0	100
Isopropyl acetate	FB	Ave	57531 4368565	137405	303562	750918	1627486	4.00 300	10.0	20.0	50.0	100
n-Propyl acetate	FB	Ave	11422 947608	26337	62608	159403	344366	4.00 300	10.0	20.0	50.0	100
3,4-Dichloro-1-butene	CBZ d5	Ave	21329 1834612	56121	121539	307721	650652	4.00 300	10.00	20.0	50.0	100.0
Butyl acetate	CBZ d5	Ave	44282 3591885	114438	248476	615817	1337103	4.00 300	10.0	20.0	50.0	100
cis-1,4-Dichloro-2-butene	CBZ d5	Ave	10912 945112	27768	62965	158896	339403	4.00 300	10.00	20.0	50.0	100.0
2,3,4-Trichlorobutene	DCB d4	Ave	20577 1780133	51312	118918	302872	632297	4.00 300	10.00	20.0	50.0	100.0
Pentachloroethane	DCB d4	Ave	15191 1291132	37013	84247	208298	424110	4.00 300	10.0	20.0	50.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

Analy Batch No.: 683596

SDG No.:

Instrument ID: 26285

GC Column: R-624SilMS ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 15:55

Calibration End Date: 08/11/2025 17:37

Calibration ID: 75612

Curve Type Legend:

Ave = Average ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 15:55 Calibration End Date: 08/11/2025 17:37 Calibration ID: 75612

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-683596/3	5G11X02.D
Level 2	IC 410-683596/4	5G11X03.D
Level 3	IC 410-683596/5	5G11X04.D
Level 4	IC 410-683596/6	5G11X05.D
Level 5	IC 410-683596/7	5G11X06.D
Level 6	IC 410-683596/8	5G11X07.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Chlorotrifluoroethene	-6.5	5.3	6.7	3.8	-5.8	-3.5	50	30	30	30	30	30
Chlorodifluoromethane	4.0	0.2	1.8	-1.7	-1.6	-2.7	50	30	30	30	30	30
Freon 133a	-0.6	-0.4	5.0	0.2	-3.5	-0.7	50	30	30	30	30	30
Ethanol	10.1	-1.8	-1.7	-4.4	-2.0	-0.1	50	30	30	30	30	30
Acetonitrile	5.9	-3.2	1.3	-0.8	4.0	-7.3	50	30	30	30	30	30
Vinyl acetate	-8.4	-6.4	2.2	1.6	11.7	-0.8	50	30	30	30	30	30
Ethyl acetate	-7.3	-5.9	3.3	1.5	8.8	-0.4	50	30	30	30	30	30
Isopropyl acetate	-5.6	-6.7	1.6	1.1	10.4	-0.8	50	30	30	30	30	30
n-Propyl acetate	-9.3	-13.4	1.5	4.0	13.1	4.2	50	30	30	30	30	30
3,4-Dichloro-1-butene	-12.2	-4.4	2.0	3.7	9.2	1.7	50	30	30	30	30	30
Butyl acetate	-10.1	-3.8	2.8	2.3	10.6	-1.9	50	30	30	30	30	30
cis-1,4-Dichloro-2-butene	-12.5	-7.8	2.9	4.3	10.9	2.0	50	30	30	30	30	30
2,3,4-Trichlorobutene	-13.2	-10.9	2.3	5.4	11.5	4.9	50	30	30	30	30	30
Pentachloroethane	-9.3	-9.1	2.5	2.5	5.8	7.6	50	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X02.D
 Lims ID: IC sm v4
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 11-Aug-2025 15:55:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-003
 Misc. Info.: IC SM V4
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub50
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:05:40 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 18:04:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.531	1.537	-0.006	95	21837	4.00	3.74	
2 Chlorodifluoromethane	51	1.592	1.586	0.006	53	47564	4.00	4.16	
7 2-Chloro-1,1,1-Trifluoroethane	118	1.884	1.927	-0.043	51	33661	4.00	3.98	M
14 Ethanol	45	2.555	2.549	0.006	83	28642	250.0	275.3	
27 Acetonitrile	41	3.201	3.183	0.018	95	32105	20.0	21.2	
* 29 t-Butyl alcohol-d10 (IS)	65	3.445	3.439	0.006	31	409246	250.0	250.0	
37 Vinyl acetate	43	4.335	4.323	0.012	96	55060	4.00	3.66	
41 Ethyl acetate	43	5.268	5.262	0.006	99	32354	4.00	3.71	
61 Isopropyl acetate	43	6.585	6.572	0.013	97	57531	4.00	3.77	
* 63 Fluorobenzene (IS)	96	6.877	6.883	-0.006	99	1129566	50.0	50.0	
75 n-Propyl acetate	61	7.938	7.938	0.000	99	11422	4.00	3.63	
93 3,4-Dichloro-1-butene	75	9.877	9.877	0.000	89	21329	4.00	3.51	
99 n-Butyl acetate	43	10.053	10.053	0.000	98	44282	4.00	3.60	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	86	805853	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	11.639	11.638	0.001	0	10912	4.00	3.50	
149 2,3,4-Trichlorobutene	109	12.132	12.132	0.000	0	20577	4.00	3.47	
155 Pentachloroethane	167	12.358	12.358	0.000	90	15191	4.00	3.63	
* 163 1,4-Dichlorobenzene-d4	152	12.651	12.656	-0.005	95	476582	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_LKB_00013	Amount Added: 2.00	Units: uL
MSV_V_SMFreon_00054	Amount Added: 1.00	Units: uL
MSV_CCV_ETOH_00009	Amount Added: 10.00	Units: uL
MSV_Cent_ISO_00011	Amount Added: 5.00	Units: uL
MSV_CCV_V5ACE_00051	Amount Added: 2.00	Units: uL
MSV_CCV_Penta_00069	Amount Added: 2.00	Units: uL

Report Date: 12-Aug-2025 14:05:42

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X02.D

Injection Date: 11-Aug-2025 15:55:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC sm v4

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

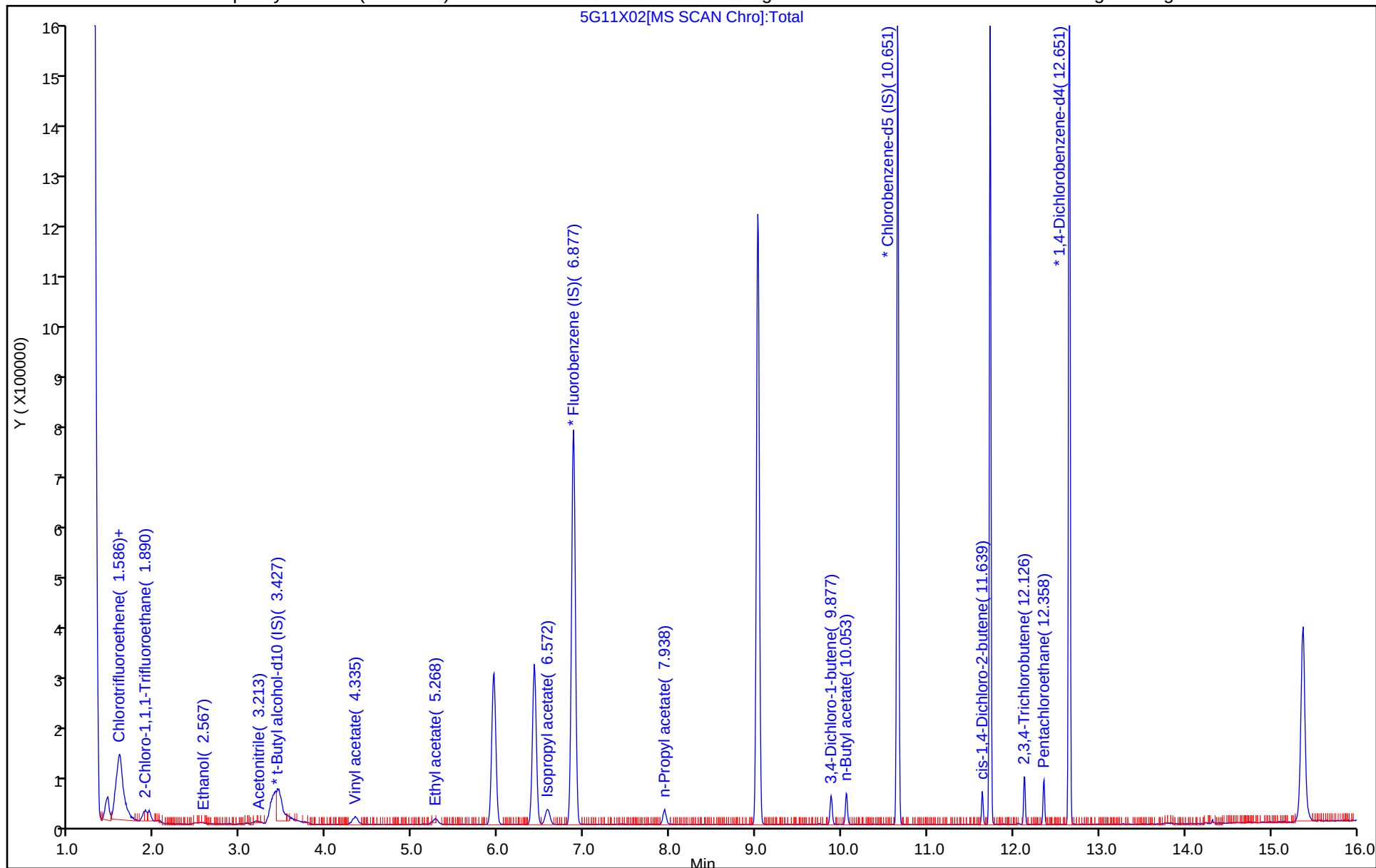
ALS Bottle#: 2

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

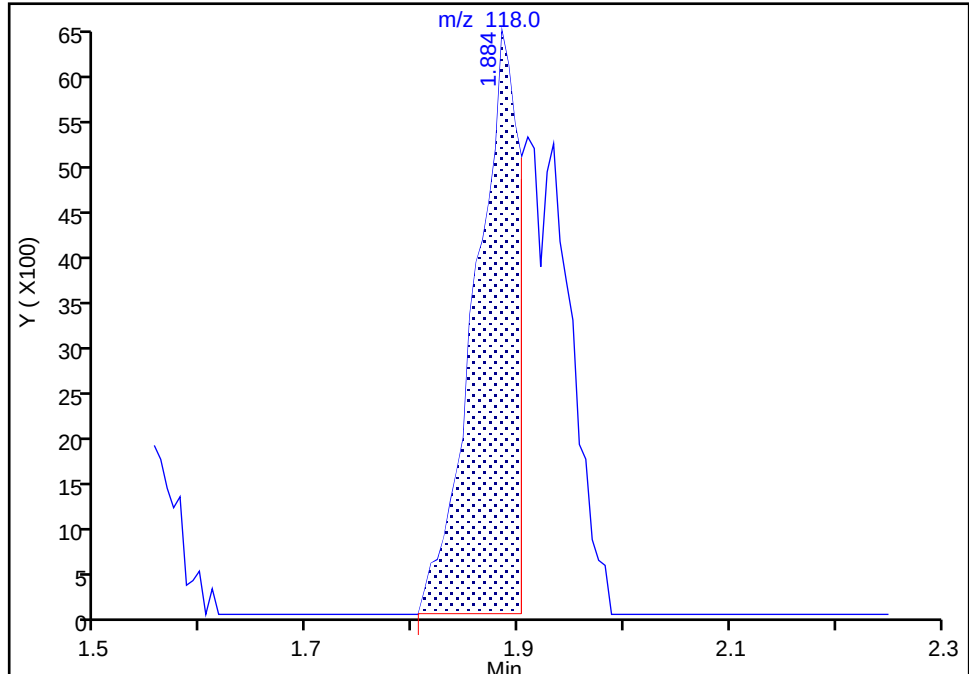
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X02.D
Injection Date: 11-Aug-2025 15:55:30 Instrument ID: 26285
Lims ID: IC sm v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

7 2-Chloro-1,1,1-Trifluoroethane, CAS: 75-88-7

Signal: 1

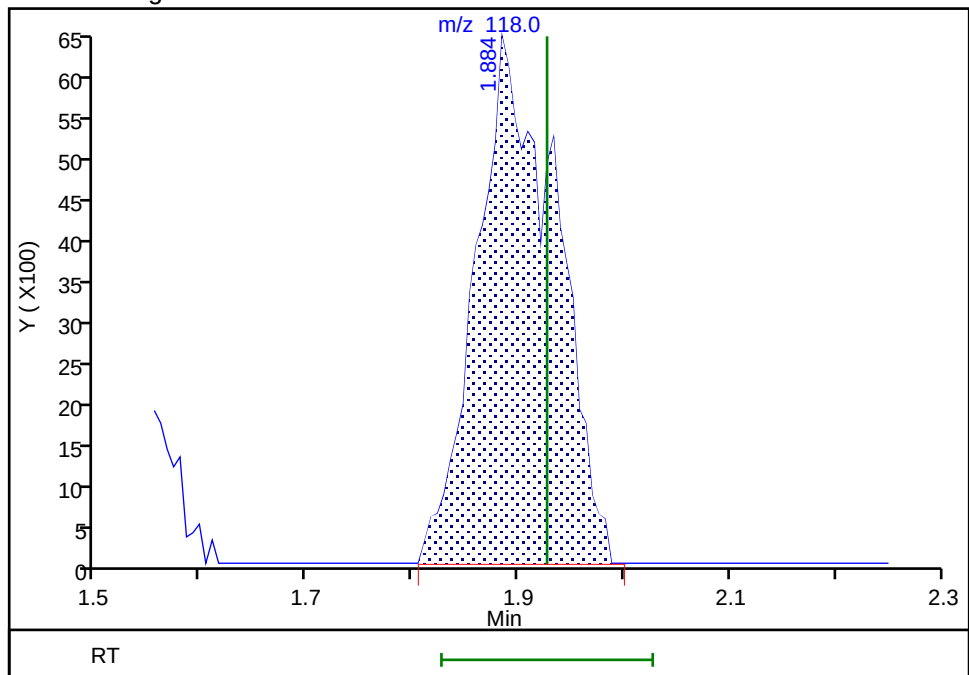
RT: 1.88
Area: 18689
Amount: 2.383430
Amount Units: ug/l

Processing Integration Results



RT: 1.88
Area: 33661
Amount: 3.976467
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 18:04:05 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X03.D
 Lims ID: IC sm v10
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 11-Aug-2025 16:15:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-004
 Misc. Info.: IC SM V10
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub50
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:05:45 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 18:03:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.531	1.537	-0.006	93	59450	10.0	10.5	
2 Chlorodifluoromethane	51	1.586	1.586	0.000	97	112915	10.0	10.0	
7 2-Chloro-1,1,1-Trifluoroethane	118	1.921	1.927	-0.006	36	81515	10.0	9.96	M
14 Ethanol	45	2.482	2.549	-0.067	72	50381	500.0	491.2	M
27 Acetonitrile	41	3.183	3.183	0.000	98	72280	50.0	48.4	
* 29 t-Butyl alcohol-d10 (IS)	65	3.427	3.439	-0.012	29	403402	250.0	250.0	
37 Vinyl acetate	43	4.323	4.323	0.000	97	135969	10.0	9.36	
41 Ethyl acetate	43	5.262	5.262	0.000	99	79373	10.0	9.41	
61 Isopropyl acetate	43	6.566	6.572	-0.006	98	137405	10.0	9.33	
* 63 Fluorobenzene (IS)	96	6.871	6.883	-0.012	99	1091566	50.0	50.0	
75 n-Propyl acetate	61	7.938	7.938	0.000	99	26337	10.0	8.66	
93 3,4-Dichloro-1-butene	75	9.877	9.877	0.000	89	56121	10.0	9.56	
99 n-Butyl acetate	43	10.053	10.053	0.000	97	114438	10.0	9.62	
* 128 Chlorobenzene-d5 (IS)	117	10.651	10.657	-0.006	86	778855	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	11.638	11.638	0.000	0	27768	10.0	9.22	
149 2,3,4-Trichlorobutene	109	12.132	12.132	0.000	0	51312	10.0	8.90	
155 Pentachloroethane	167	12.358	12.358	0.000	90	37013	10.0	9.09	
* 163 1,4-Dichlorobenzene-d4	152	12.650	12.656	-0.006	95	463527	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_LKB_00013	Amount Added: 2.00	Units: uL
MSV_V_SMFreon_00054	Amount Added: 1.00	Units: uL
MSV_CCV_ETOH_00009	Amount Added: 8.00	Units: uL
MSV_Cent_ISO_00011	Amount Added: 5.00	Units: uL
MSV_CCV_V5ACE_00051	Amount Added: 2.00	Units: uL
MSV_CCV_Penta_00069	Amount Added: 2.00	Units: uL

Report Date: 12-Aug-2025 14:05:46

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X03.D

Injection Date: 11-Aug-2025 16:15:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC sm v10

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

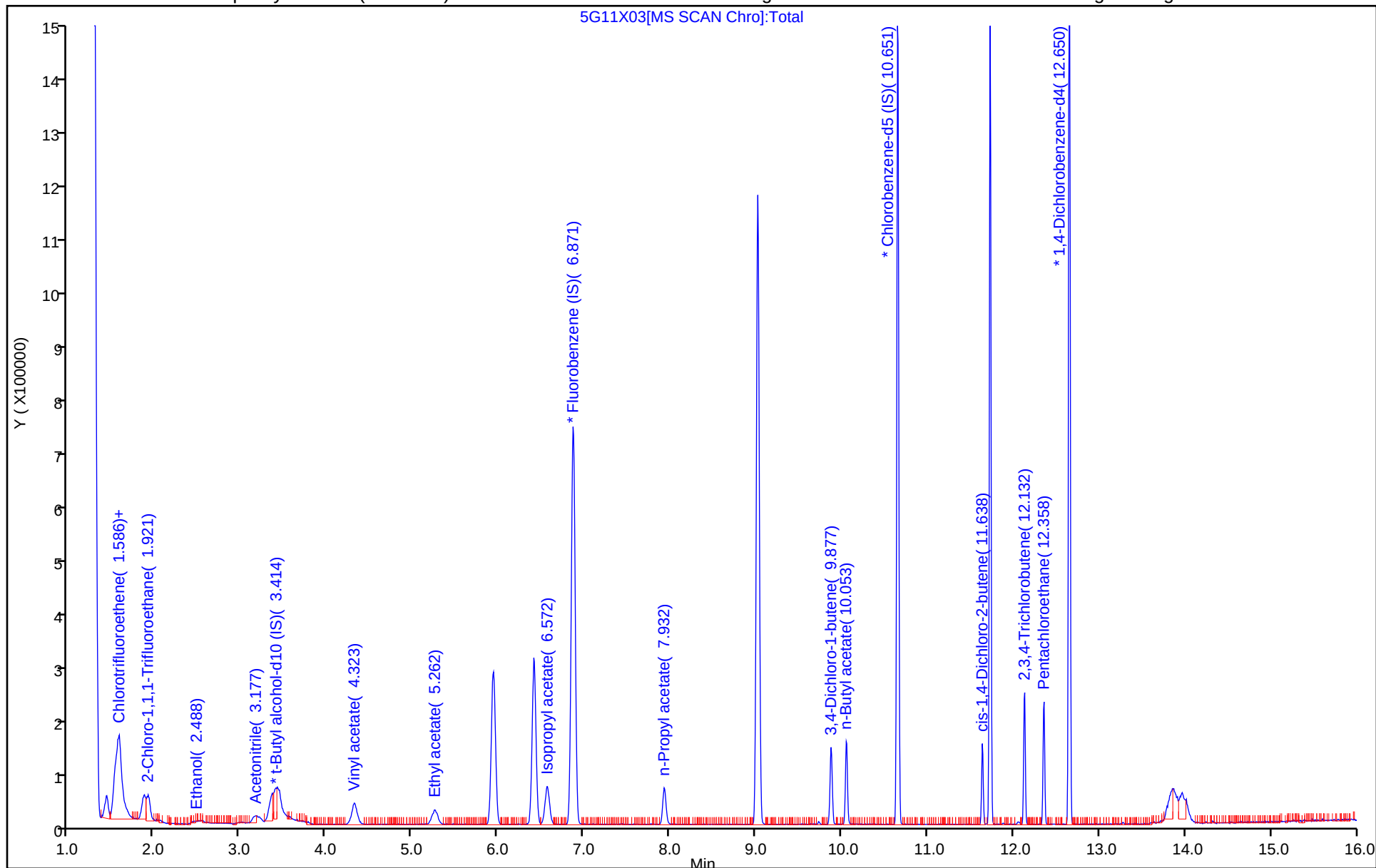
ALS Bottle#: 3

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X03.D

Injection Date: 11-Aug-2025 16:15:30

Instrument ID: 26285

Lims ID: IC sm v10

Client ID:

Operator ID: knk41612

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: MSVoa_26285a

Limit Group:

MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

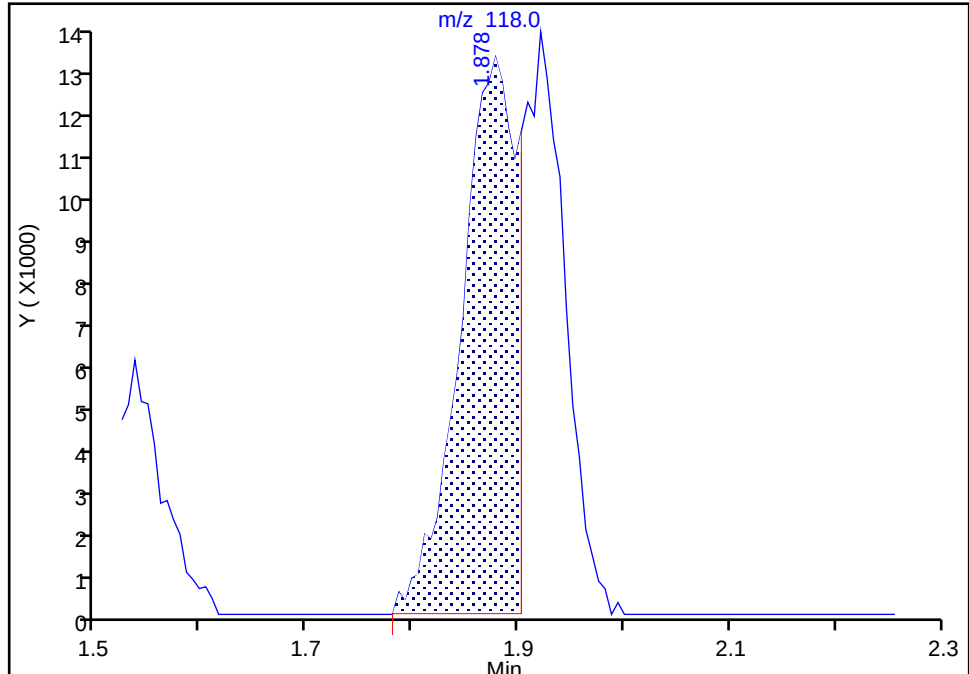
MS Quad

7 2-Chloro-1,1,1-Trifluoroethane, CAS: 75-88-7

Signal: 1

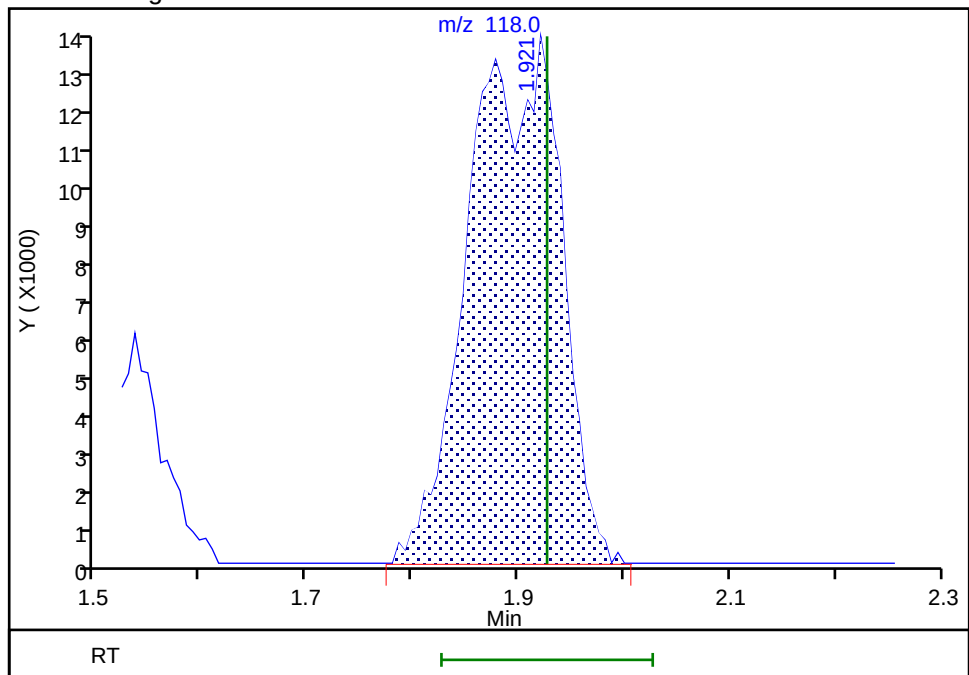
RT: 1.88
Area: 48259
Amount: 7.447664
Amount Units: ug/l

Processing Integration Results



RT: 1.92
Area: 81515
Amount: 9.964821
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 18:03:36 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

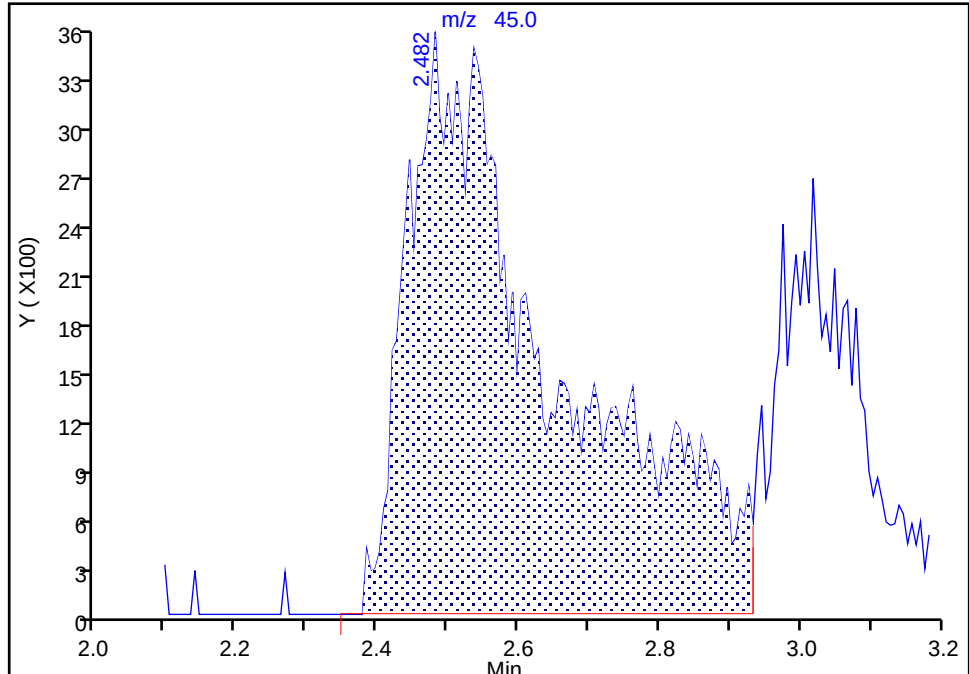
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Injection Date: 11-Aug-2025 16:15:30 Instrument ID: 26285
Lims ID: IC sm v10
Client ID:
Operator ID: knk41612 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

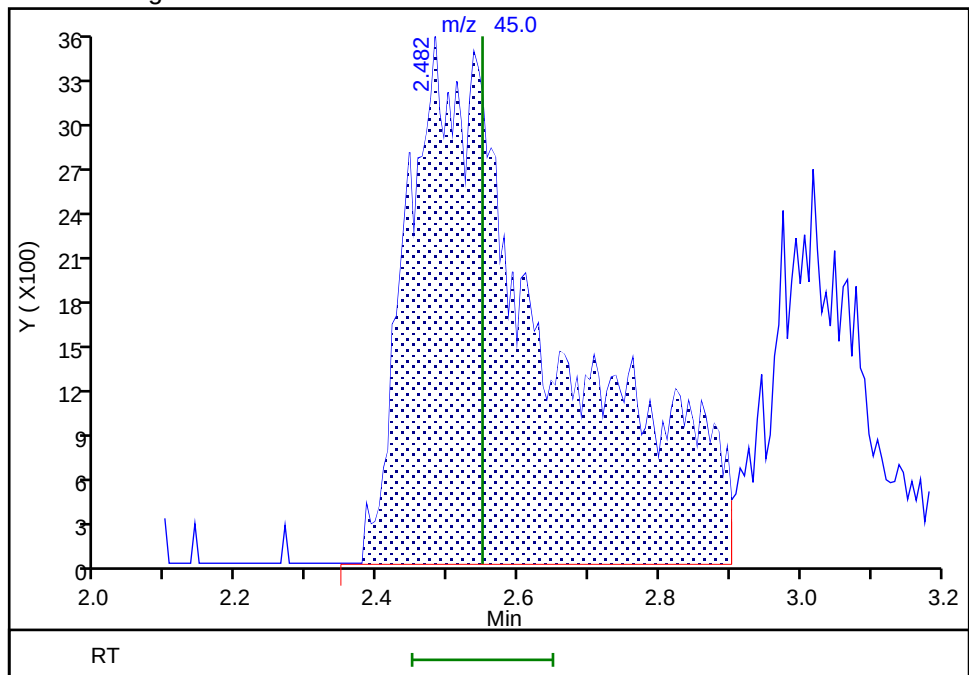
RT: 2.48
Area: 51483
Amount: 499.3111
Amount Units: ug/l

Processing Integration Results



RT: 2.48
Area: 50381
Amount: 491.1890
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 18:03:44 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X04.D
 Lims ID: IC sm v20
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 11-Aug-2025 16:35:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-005
 Misc. Info.: IC SM V20
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub50
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:05:49 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 18:03:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.537	1.537	0.000	93	122081	20.0	21.3	
2 Chlorodifluoromethane	51	1.586	1.586	0.000	97	228478	20.0	20.4	
7 2-Chloro-1,1,1-Trifluoroethane	118	1.921	1.927	-0.006	75	174078	20.0	21.0	M
14 Ethanol	45	2.561	2.549	0.012	96	100340	1000.0	982.6	M
27 Acetonitrile	41	3.195	3.183	0.012	99	150644	100.0	101.3	
* 29 t-Butyl alcohol-d10 (IS)	65	3.427	3.439	-0.012	30	401617	250.0	250.0	
37 Vinyl acetate	43	4.323	4.323	0.000	99	300761	20.0	20.4	
41 Ethyl acetate	43	5.268	5.262	0.006	99	176731	20.0	20.7	
61 Isopropyl acetate	43	6.572	6.572	0.000	98	303562	20.0	20.3	
* 63 Fluorobenzene (IS)	96	6.871	6.883	-0.012	98	1106456	50.0	50.0	
75 n-Propyl acetate	61	7.932	7.938	-0.006	99	62608	20.0	20.3	
93 3,4-Dichloro-1-butene	75	9.877	9.877	0.000	90	121539	20.0	20.4	
99 n-Butyl acetate	43	10.053	10.053	0.000	98	248476	20.0	20.6	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	86	790905	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	11.639	11.638	0.000	0	62965	20.0	20.6	
149 2,3,4-Trichlorobutene	109	12.132	12.132	0.000	0	118918	20.0	20.5	
155 Pentachloroethane	167	12.358	12.358	0.000	91	84247	20.0	20.5	
* 163 1,4-Dichlorobenzene-d4	152	12.651	12.656	-0.006	95	467491	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_LKB_00013	Amount Added: 4.00	Units: uL
MSV_V_SMFreon_00054	Amount Added: 2.00	Units: uL
MSV_CCV_ETOH_00009	Amount Added: 16.00	Units: uL
MSV_Cent_ISO_00011	Amount Added: 5.00	Units: uL
MSV_CCV_V5ACE_00051	Amount Added: 4.00	Units: uL
MSV_CCV_Penta_00069	Amount Added: 4.00	Units: uL

Report Date: 12-Aug-2025 14:05:51

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X04.D

Injection Date: 11-Aug-2025 16:35:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC sm v20

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

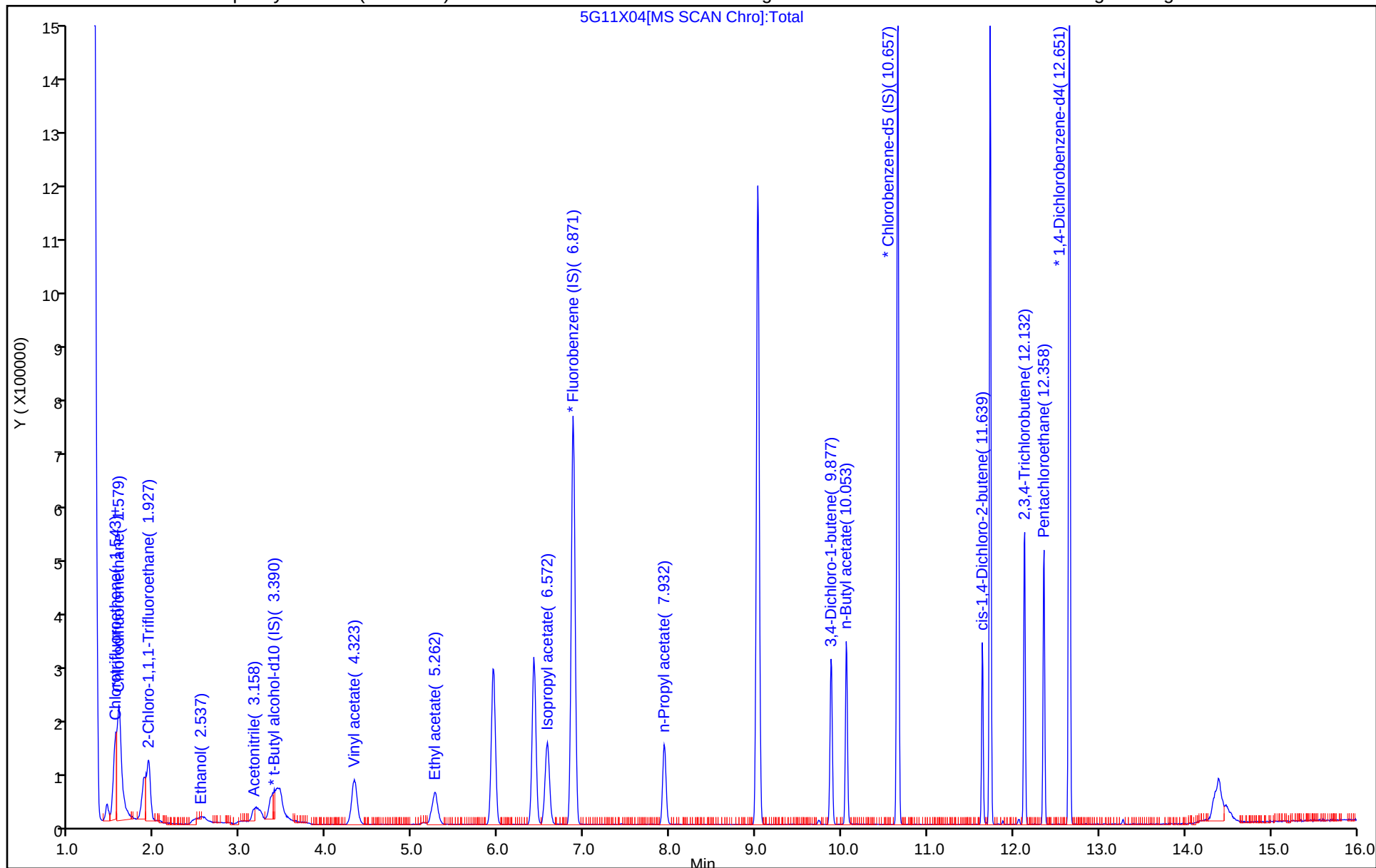
ALS Bottle#: 4

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

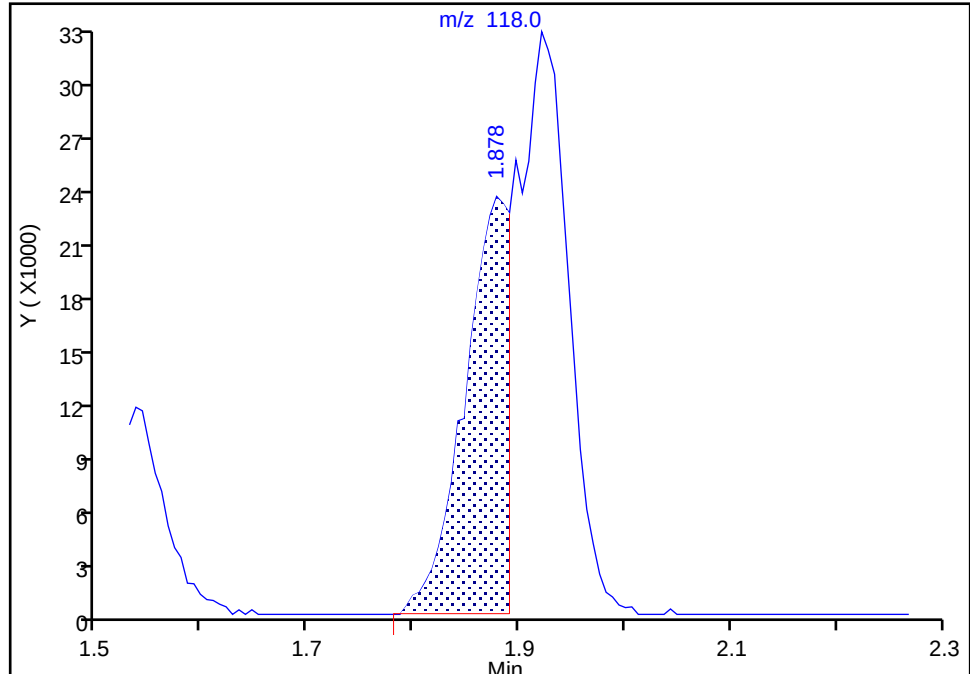
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X04.D
Injection Date: 11-Aug-2025 16:35:30 Instrument ID: 26285
Lims ID: IC sm v20
Client ID:
Operator ID: knk41612 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

7 2-Chloro-1,1,1-Trifluoroethane, CAS: 75-88-7

Signal: 1

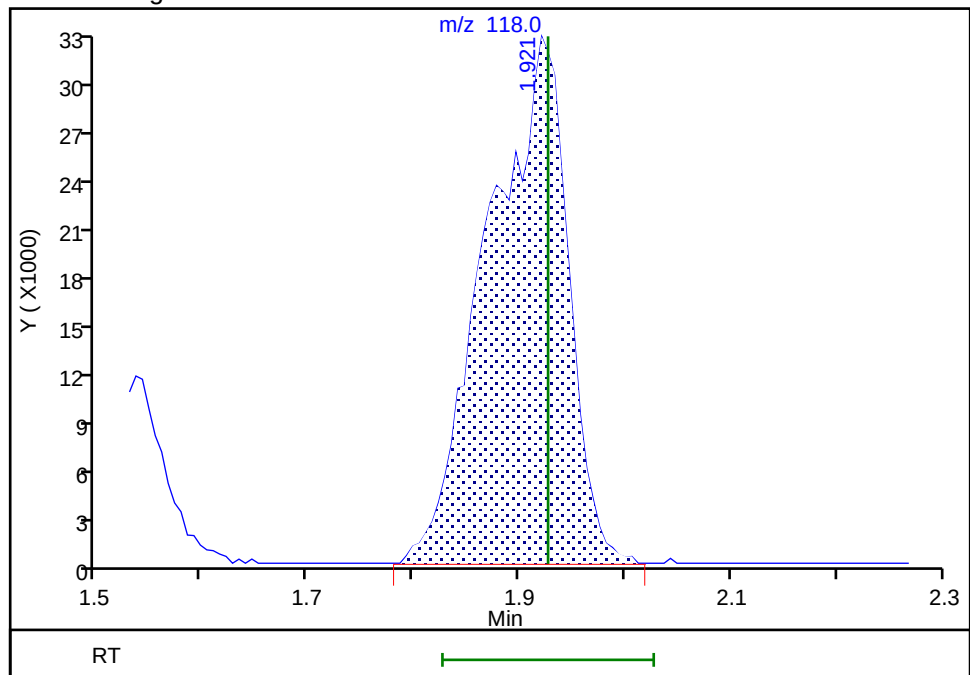
RT: 1.88
Area: 70127
Amount: 11.215460
Amount Units: ug/l

Processing Integration Results



RT: 1.92
Area: 174078
Amount: 20.993831
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 18:03:13 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

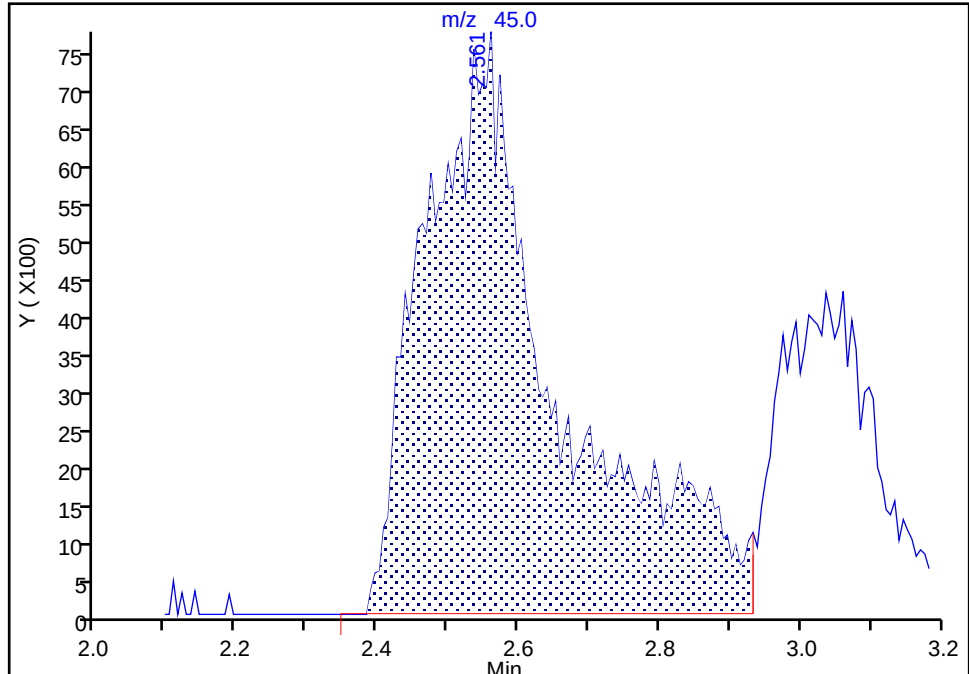
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X04.D
Injection Date: 11-Aug-2025 16:35:30 Instrument ID: 26285
Lims ID: IC sm v20
Client ID:
Operator ID: knk41612 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

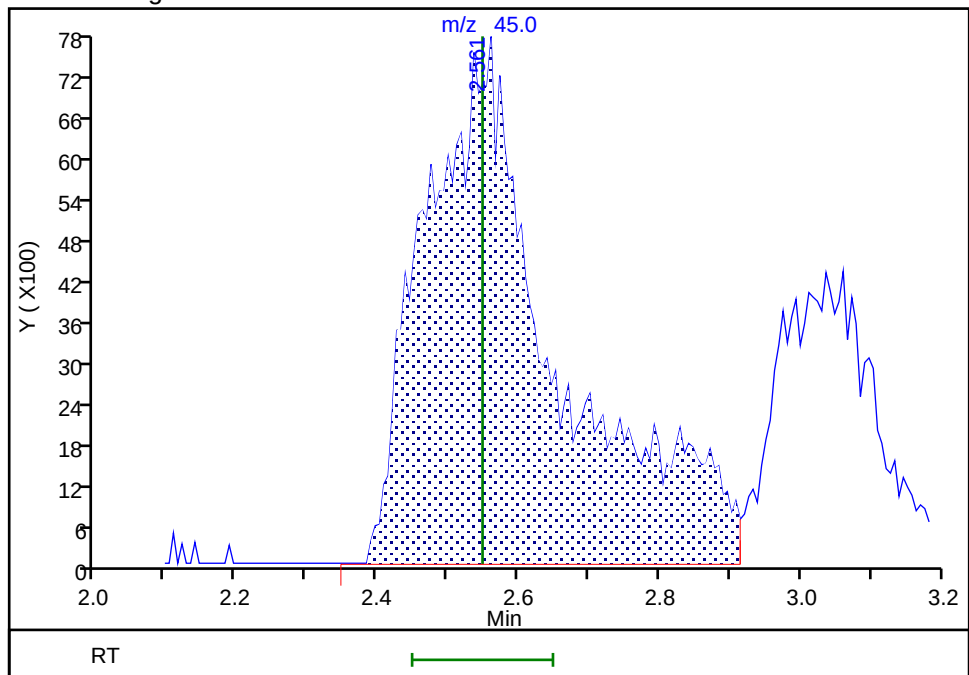
RT: 2.56
Area: 101363
Amount: 990.9751
Amount Units: ug/l

Processing Integration Results



RT: 2.56
Area: 100340
Amount: 982.6116
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 18:04:39 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X05.D
 Lims ID: IC sm v50
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 11-Aug-2025 16:55:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-006
 Misc. Info.: IC SM V50
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub50
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:05:54 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 18:02:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.537	1.537	0.000	92	295327	50.0	51.9	
2 Chlorodifluoromethane	51	1.586	1.586	0.000	97	552537	50.0	49.2	
7 2-Chloro-1,1,1-Trifluoroethane	118	1.927	1.927	0.000	60	412966	50.0	50.1	
14 Ethanol	45	2.549	2.549	0.000	97	122142	1250.0	1194.6	
27 Acetonitrile	41	3.183	3.183	0.000	99	369368	250.0	248.1	
* 29 t-Butyl alcohol-d10 (IS)	65	3.439	3.439	0.000	29	402127	250.0	250.0	
37 Vinyl acetate	43	4.323	4.323	0.000	97	743892	50.0	50.8	
41 Ethyl acetate	43	5.262	5.262	0.000	100	431698	50.0	50.8	
61 Isopropyl acetate	43	6.572	6.572	0.000	98	750918	50.0	50.6	
* 63 Fluorobenzene (IS)	96	6.877	6.877	0.000	99	1100270	50.0	50.0	
75 n-Propyl acetate	61	7.938	7.938	0.000	99	159403	50.0	52.0	
93 3,4-Dichloro-1-butene	75	9.877	9.877	0.000	90	307721	50.0	51.8	
99 n-Butyl acetate	43	10.053	10.053	0.000	98	615817	50.0	51.2	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	86	787665	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	11.638	11.638	0.000	0	158896	50.0	52.2	
149 2,3,4-Trichlorobutene	109	12.132	12.132	0.000	0	302872	50.0	52.7	
155 Pentachloroethane	167	12.358	12.358	0.000	91	208298	50.0	51.3	
* 163 1,4-Dichlorobenzene-d4	152	12.657	12.657	0.000	94	462361	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_LKB_00013	Amount Added: 5.00	Units: uL
MSV_V_SMFreon_00054	Amount Added: 2.50	Units: uL
MSV_CCV_ETOH_00009	Amount Added: 10.00	Units: uL
MSV_Cent_ISO_00011	Amount Added: 5.00	Units: uL
MSV_CCV_V5ACE_00051	Amount Added: 5.00	Units: uL
MSV_CCV_Penta_00069	Amount Added: 5.00	Units: uL

Report Date: 12-Aug-2025 14:05:55

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X05.D

Injection Date: 11-Aug-2025 16:55:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC sm v50

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

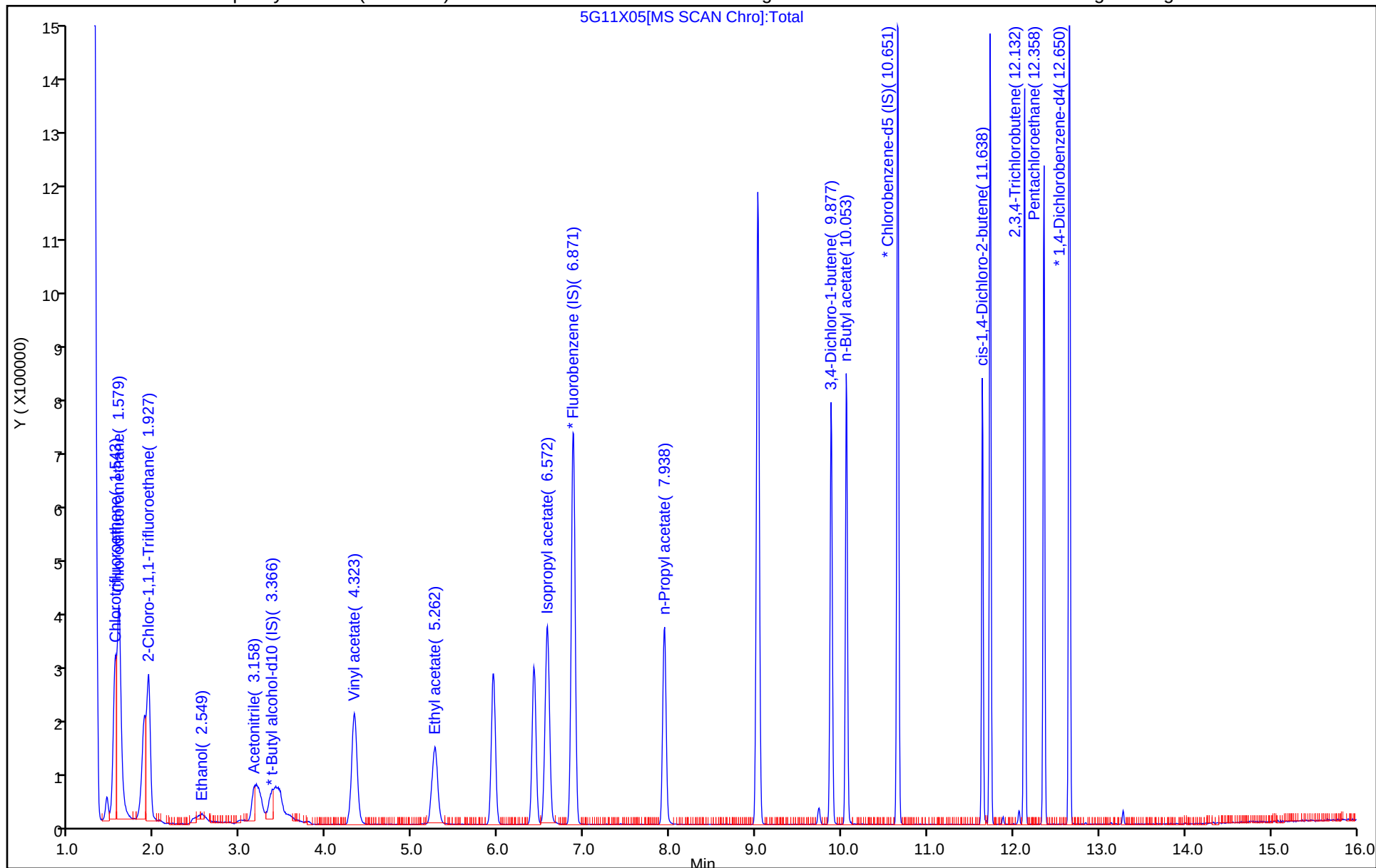
ALS Bottle#: 5

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X06.D
 Lims ID: IC sm v100
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 11-Aug-2025 17:16:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-007
 Misc. Info.: IC SM V100
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub50
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:05:59 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 18:02:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.543	1.537	0.006	96	532126	100.0	94.2	
2 Chlorodifluoromethane	51	1.592	1.586	0.006	97	1041428	100.0	98.4	
7 2-Chloro-1,1,1-Trifluoroethane	118	1.933	1.927	0.006	38	790270	100.0	96.5	M
14 Ethanol	45	2.537	2.549	-0.012	99	235718	2500.0	2448.8	
27 Acetonitrile	41	3.183	3.183	0.000	99	729087	500.0	520.2	
* 29 t-Butyl alcohol-d10 (IS)	65	3.427	3.439	-0.012	31	378582	250.0	250.0	
37 Vinyl acetate	43	4.329	4.323	0.006	97	1624476	100.0	111.7	
41 Ethyl acetate	43	5.268	5.262	0.006	100	918538	100.0	108.8	
61 Isopropyl acetate	43	6.572	6.572	0.000	98	1627486	100.0	110.4	
* 63 Fluorobenzene (IS)	96	6.877	6.877	0.000	99	1092749	50.0	50.0	
75 n-Propyl acetate	61	7.938	7.938	0.000	99	344366	100.0	113.1	
93 3,4-Dichloro-1-butene	75	9.877	9.877	0.000	91	650652	100.0	109.1	
99 n-Butyl acetate	43	10.053	10.053	0.000	98	1337103	100.0	110.6	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	86	791198	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	11.638	11.638	0.000	0	339403	100.0	110.9	
149 2,3,4-Trichlorobutene	109	12.132	12.132	0.000	0	632297	100.0	111.4	
155 Pentachloroethane	167	12.358	12.358	0.000	92	424110	100.0	105.8	
* 163 1,4-Dichlorobenzene-d4	152	12.650	12.657	-0.007	95	456355	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_LKB_00013	Amount Added: 5.00	Units: uL
MSV_V_SMFreon_00054	Amount Added: 2.50	Units: uL
MSV_CCV_ETOH_00009	Amount Added: 10.00	Units: uL
MSV_Cent_ISO_00011	Amount Added: 5.00	Units: uL
MSV_CCV_V5ACE_00051	Amount Added: 5.00	Units: uL
MSV_CCV_Penta_00069	Amount Added: 5.00	Units: uL

Report Date: 12-Aug-2025 14:06:02

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X06.D

Injection Date: 11-Aug-2025 17:16:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC sm v100

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

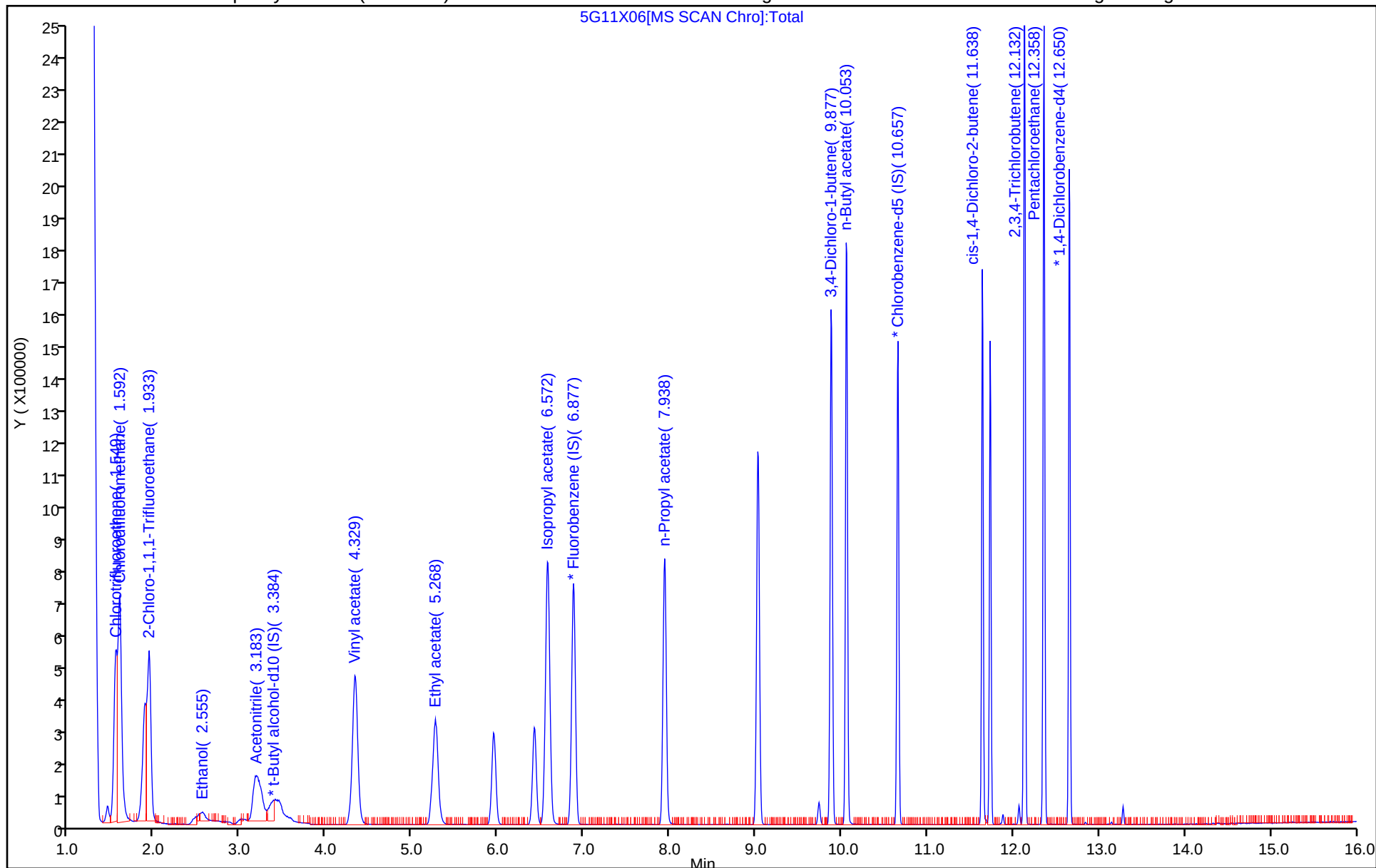
ALS Bottle#: 6

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

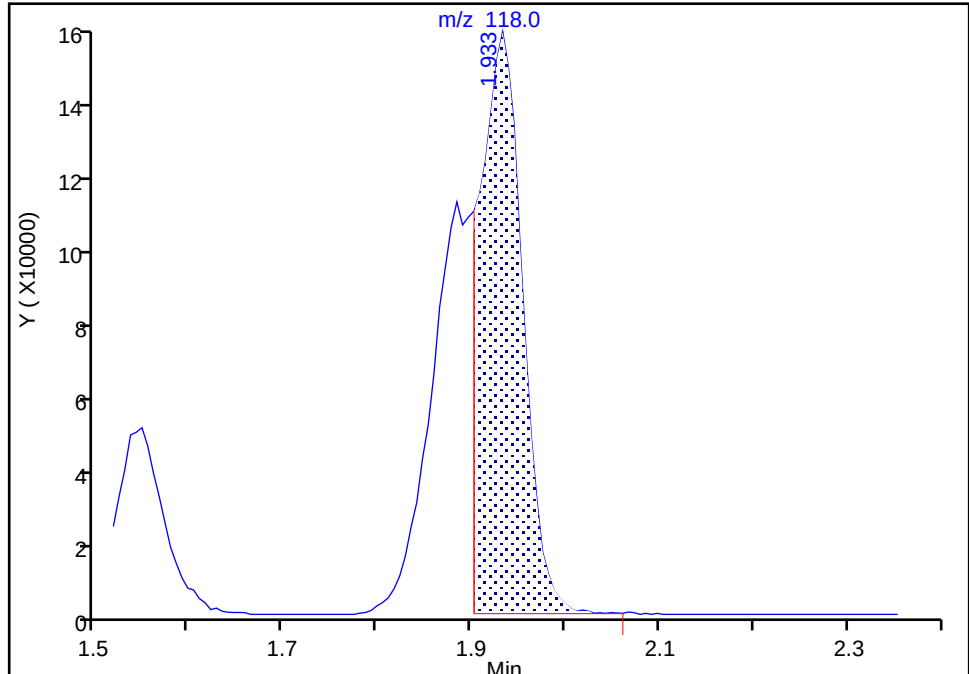
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X06.D
Injection Date: 11-Aug-2025 17:16:30 Instrument ID: 26285
Lims ID: IC sm v100
Client ID:
Operator ID: knk41612 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

7 2-Chloro-1,1,1-Trifluoroethane, CAS: 75-88-7

Signal: 1

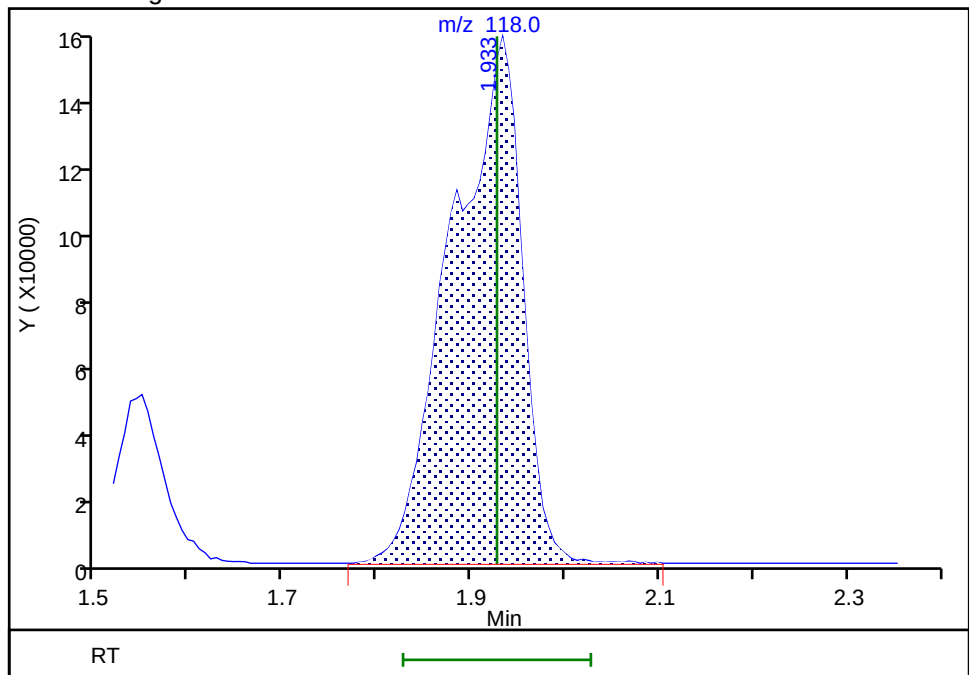
RT: 1.93
Area: 482715
Amount: 85.245317
Amount Units: ug/l

Processing Integration Results



RT: 1.93
Area: 790270
Amount: 96.502159
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 18:02:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X07.D
 Lims ID: IC sm v300
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 11-Aug-2025 17:37:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-008
 Misc. Info.: IC SM V300
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub50
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:06:05 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 18:02:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.537	1.537	0.000	93	1626852	300.0	289.4	
2 Chlorodifluoromethane	51	1.586	1.586	0.000	97	3225289	300.0	291.9	
7 2-Chloro-1,1,1-Trifluoroethane	118	1.921	1.927	-0.006	36	2427832	300.0	297.9	
14 Ethanol	45	2.524	2.549	-0.025	99	753190	7500.0	7490.9	
27 Acetonitrile	41	3.171	3.183	-0.012	100	2035673	1500.0	1390.4	
* 29 t-Butyl alcohol-d10 (IS)	65	3.427	3.439	-0.012	29	395449	250.0	250.0	
37 Vinyl acetate	43	4.317	4.323	-0.006	97	4307585	300.0	297.7	
41 Ethyl acetate	43	5.262	5.262	0.000	100	2510885	300.0	298.8	
61 Isopropyl acetate	43	6.572	6.572	0.000	98	4368565	300.0	297.7	
* 63 Fluorobenzene (IS)	96	6.877	6.877	0.000	99	1087488	50.0	50.0	
75 n-Propyl acetate	61	7.938	7.938	0.000	99	947608	300.0	312.6	
93 3,4-Dichloro-1-butene	75	9.877	9.877	0.000	91	1834612	299.9	304.9	
99 n-Butyl acetate	43	10.053	10.053	0.000	98	3591885	300.0	294.4	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	86	798575	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	11.638	11.638	0.000	0	945112	299.9	306.0	
149 2,3,4-Trichlorobutene	109	12.132	12.132	0.000	0	1780133	299.9	314.5	
155 Pentachloroethane	167	12.358	12.358	0.000	92	1291132	300.0	322.8	
* 163 1,4-Dichlorobenzene-d4	152	12.657	12.657	0.000	94	455240	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_LKB_00013	Amount Added: 15.00	Units: uL
MSV_V_SMFreon_00054	Amount Added: 7.50	Units: uL
MSV_CCV_ETOH_00009	Amount Added: 30.00	Units: uL
MSV_Cent_ISO_00011	Amount Added: 5.00	Units: uL
MSV_CCV_V5ACE_00051	Amount Added: 15.00	Units: uL
MSV_CCV_Penta_00069	Amount Added: 15.00	Units: uL

Report Date: 12-Aug-2025 14:06:06

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X07.D

Injection Date: 11-Aug-2025 17:37:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC sm v300

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

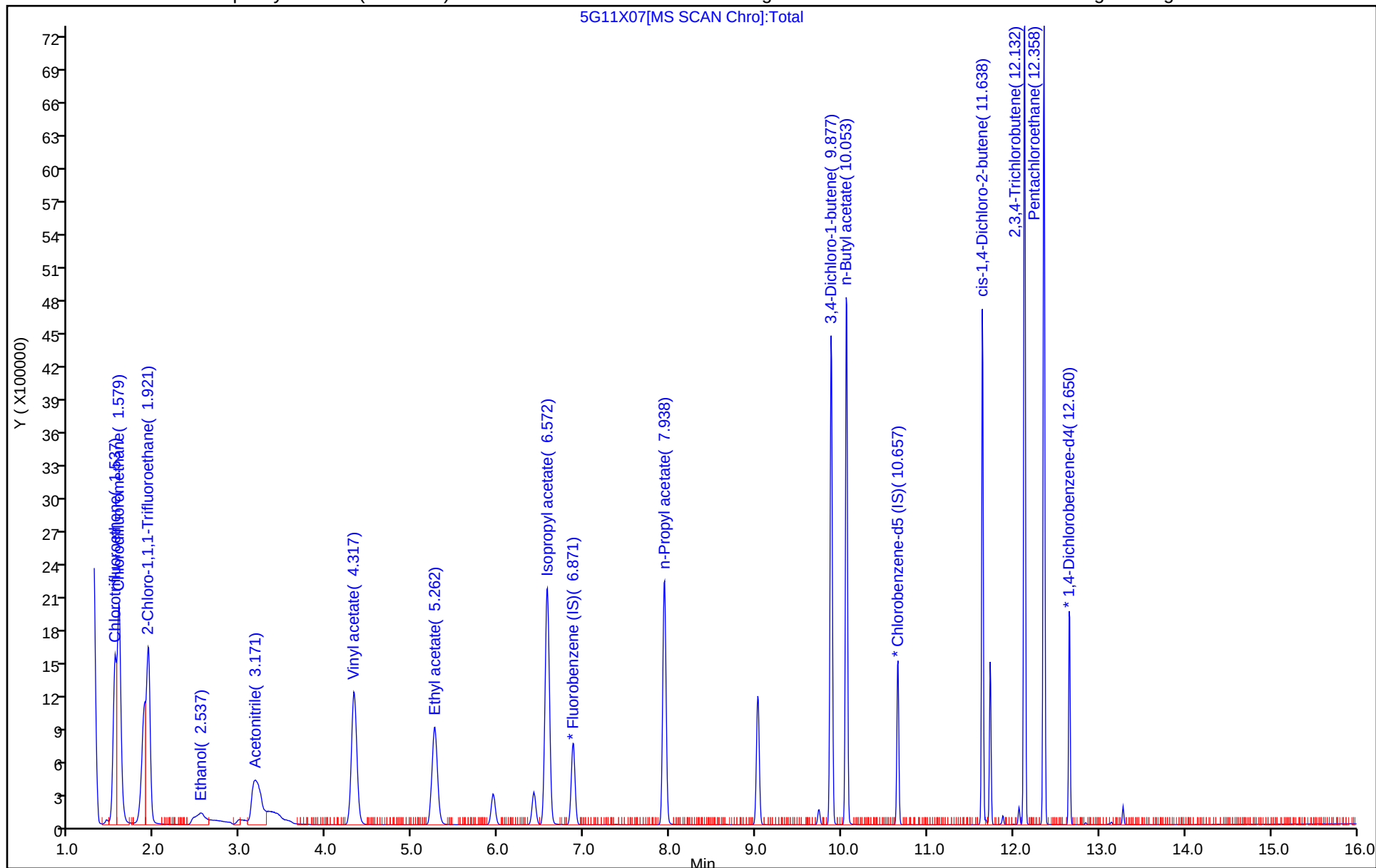
ALS Bottle#: 7

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration

/ Chlorotrifluoroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

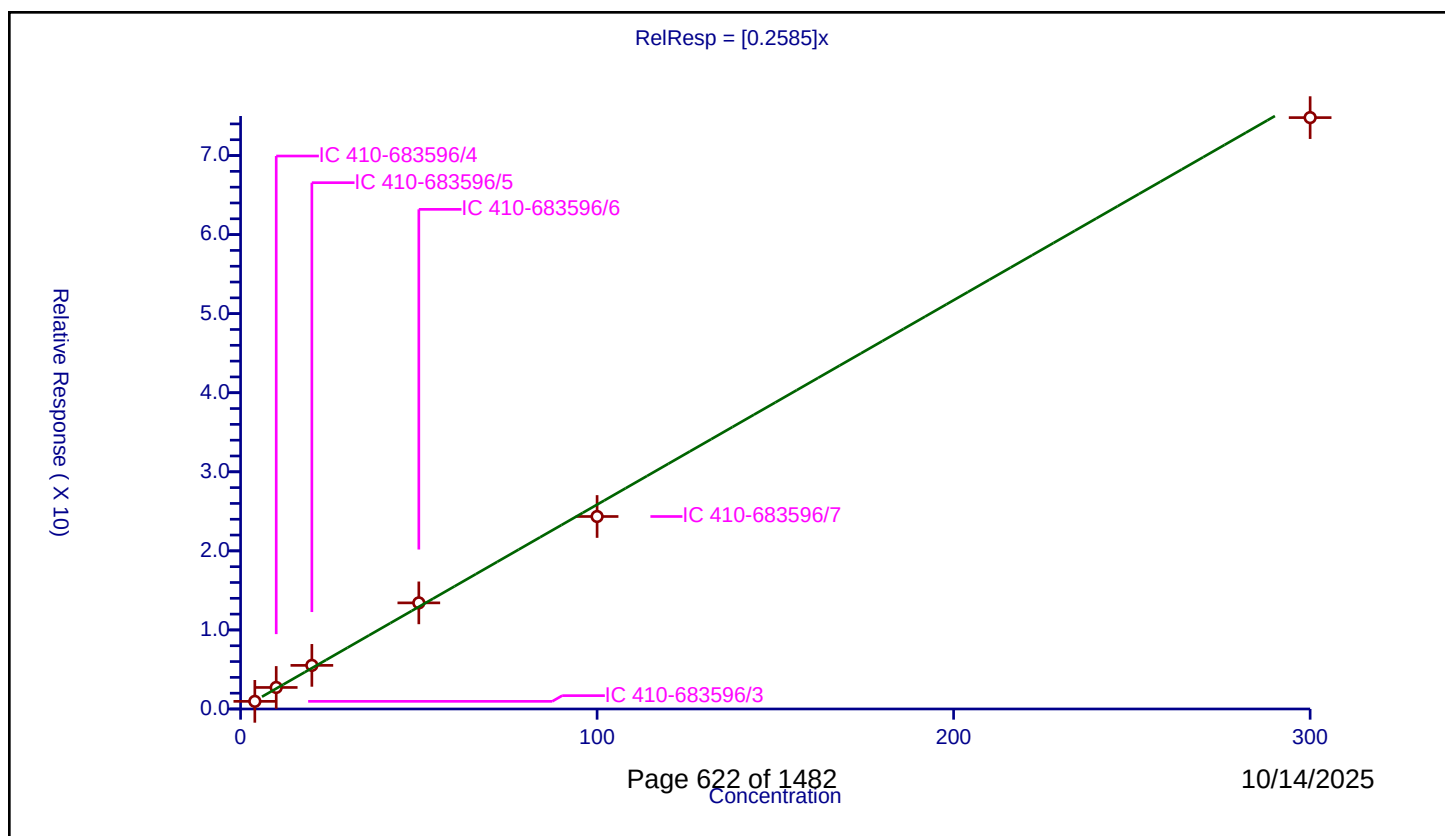
Curve Coefficients

Intercept: 0
Slope: 0.2585

Error Coefficients

Relative Standard Deviation: 6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	4.0	0.96661	50.0	1129566.0	0.241653	Y
2	IC 410-683596/4	10.0	2.723152	50.0	1091566.0	0.272315	Y
3	IC 410-683596/5	20.0	5.516758	50.0	1106456.0	0.275838	Y
4	IC 410-683596/6	50.0	13.42066	50.0	1100270.0	0.268413	Y
5	IC 410-683596/7	100.0	24.348043	50.0	1092749.0	0.24348	Y
6	IC 410-683596/8	300.0	74.798618	50.0	1087488.0	0.249329	Y



Calibration

/ Chlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

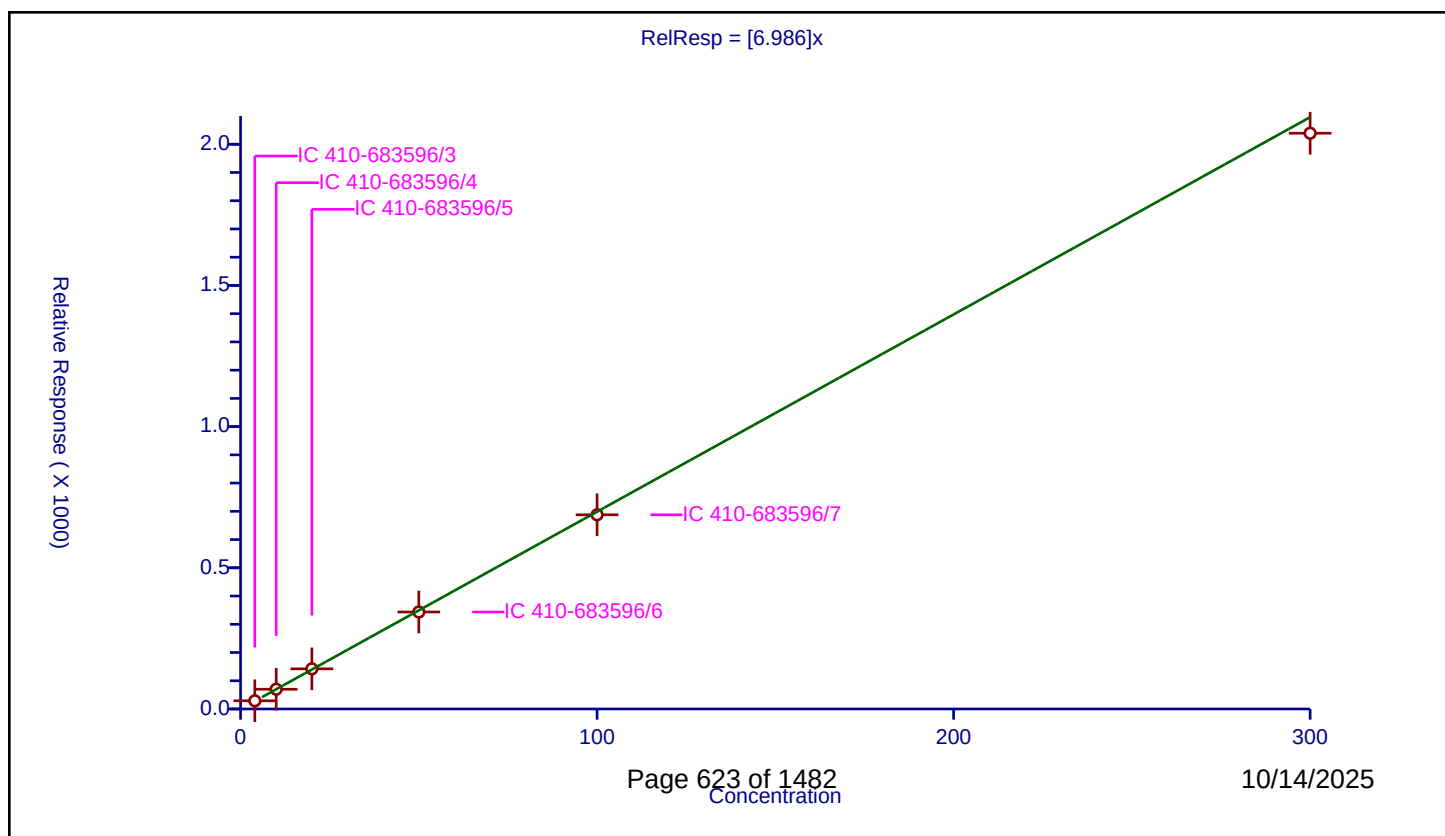
Curve Coefficients

Intercept: 0
 Slope: 6.986

Error Coefficients

Relative Standard Deviation: 2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	4.0	29.055873	250.0	409246.0	7.263968	Y
2	IC 410-683596/4	10.0	69.976723	250.0	403402.0	6.997672	Y
3	IC 410-683596/5	20.0	142.22381	250.0	401617.0	7.111191	Y
4	IC 410-683596/6	50.0	343.509016	250.0	402127.0	6.87018	Y
5	IC 410-683596/7	100.0	687.716268	250.0	378582.0	6.877163	Y
6	IC 410-683596/8	300.0	2039.004398	250.0	395449.0	6.796681	Y



Calibration

/ 2-Chloro-1,1,1-Trifluoroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

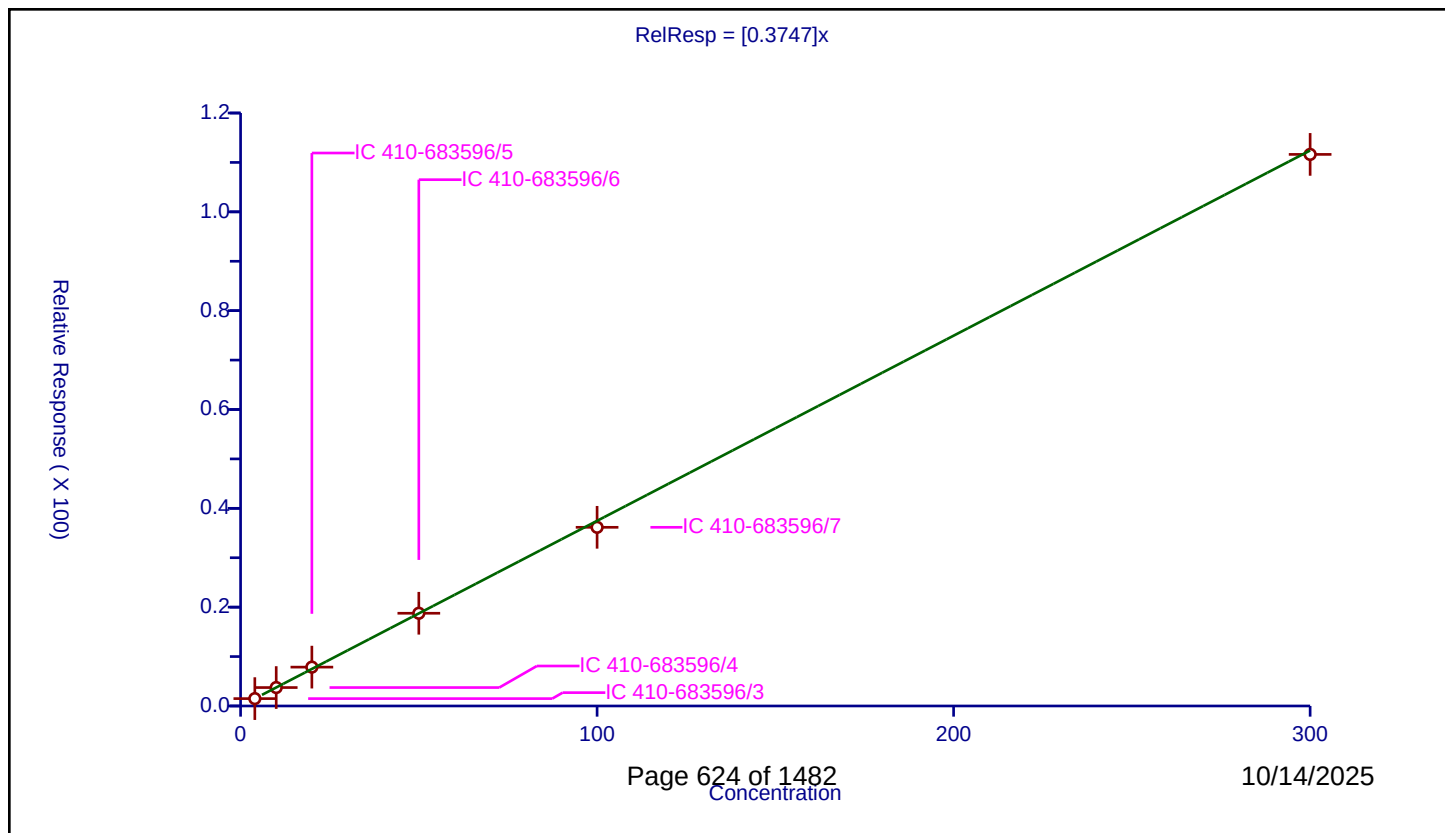
Curve Coefficients

Intercept: 0
 Slope: 0.3747

Error Coefficients

Relative Standard Deviation: 2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	4.0	1.489997	50.0	1129566.0	0.372499	Y
2	IC 410-683596/4	10.0	3.733856	50.0	1091566.0	0.373386	Y
3	IC 410-683596/5	20.0	7.866467	50.0	1106456.0	0.393323	Y
4	IC 410-683596/6	50.0	18.766575	50.0	1100270.0	0.375332	Y
5	IC 410-683596/7	100.0	36.159722	50.0	1092749.0	0.361597	Y
6	IC 410-683596/8	300.0	111.625692	50.0	1087488.0	0.372086	Y



Calibration

/ Ethanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

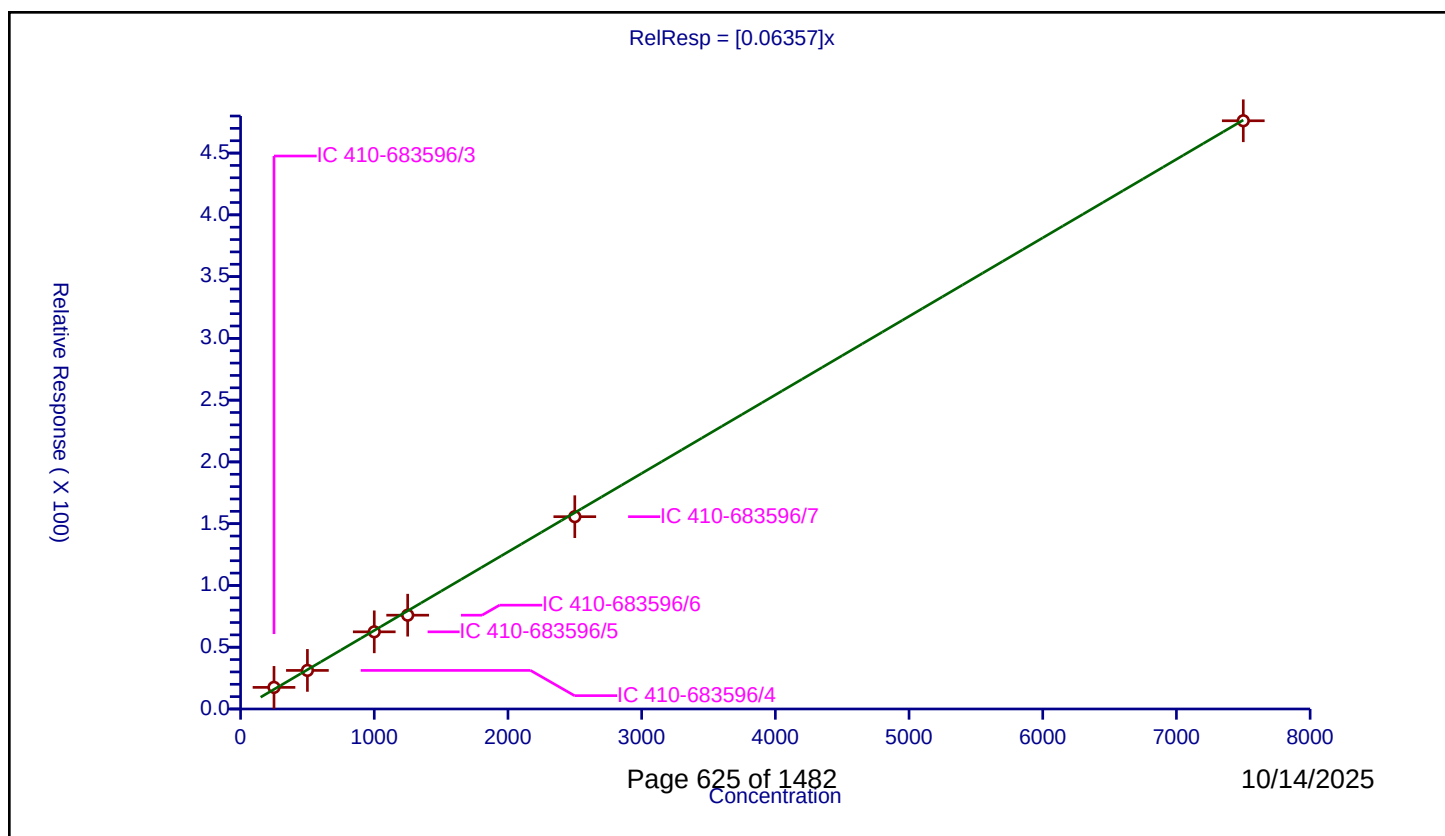
Curve Coefficients

Intercept: 0
Slope: 0.06357

Error Coefficients

Relative Standard Deviation: 5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	250.00008	17.496811	250.0	409246.0	0.069987	Y
2	IC 410-683596/4	500.00016	31.222577	250.0	403402.0	0.062445	Y
3	IC 410-683596/5	1000.00032	62.460005	250.0	401617.0	0.06246	Y
4	IC 410-683596/6	1250.0004	75.934966	250.0	402127.0	0.060748	Y
5	IC 410-683596/7	2500.0008	155.658483	250.0	378582.0	0.062263	Y
6	IC 410-683596/8	7500.0024	476.161275	250.0	395449.0	0.063488	Y



Calibration

/ Acetonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

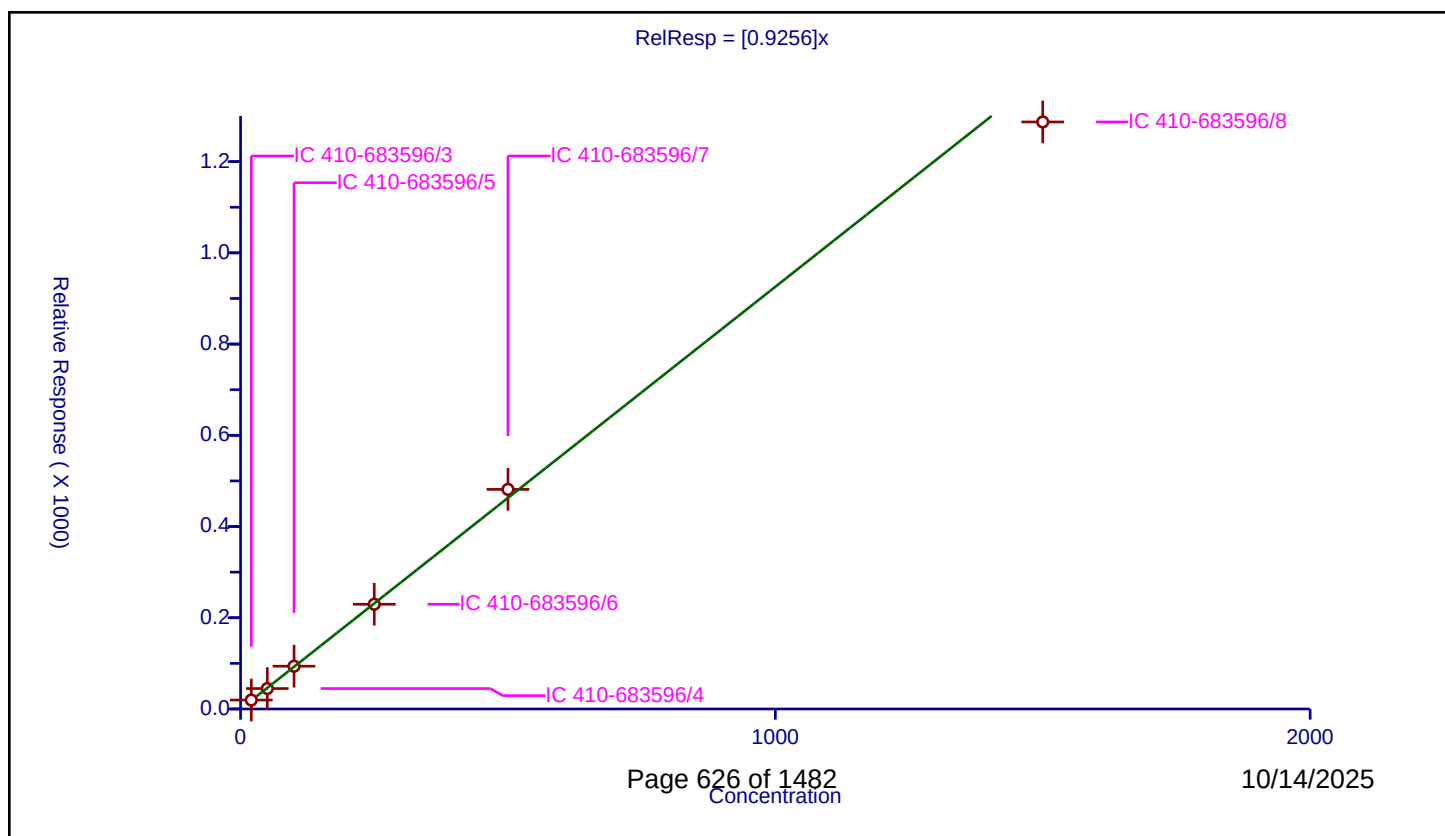
Curve Coefficients

Intercept: 0
Slope: 0.9256

Error Coefficients

Relative Standard Deviation: 4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	20.0	19.612287	250.0	409246.0	0.980614	Y
2	IC 410-683596/4	50.0	44.794027	250.0	403402.0	0.895881	Y
3	IC 410-683596/5	100.0	93.773421	250.0	401617.0	0.937734	Y
4	IC 410-683596/6	250.0	229.633922	250.0	402127.0	0.918536	Y
5	IC 410-683596/7	500.0	481.459103	250.0	378582.0	0.962918	Y
6	IC 410-683596/8	1500.0	1286.937759	250.0	395449.0	0.857959	Y



Calibration

/ Vinyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

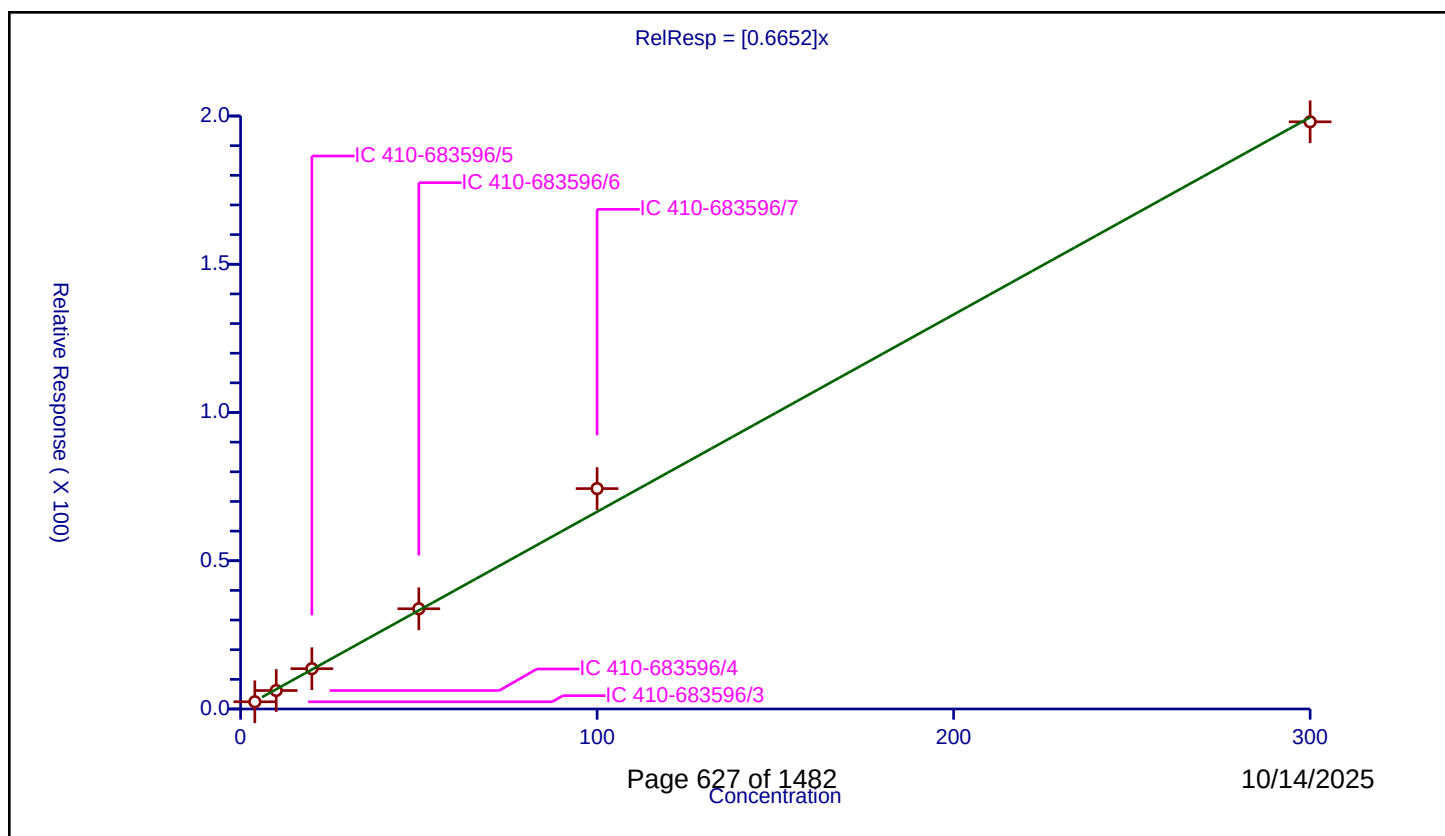
Curve Coefficients

Intercept: 0
Slope: 0.6652

Error Coefficients

Relative Standard Deviation: 7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	4.0	2.437219	50.0	1129566.0	0.609305	Y
2	IC 410-683596/4	10.0	6.228162	50.0	1091566.0	0.622816	Y
3	IC 410-683596/5	20.0	13.591187	50.0	1106456.0	0.679559	Y
4	IC 410-683596/6	50.0	33.804975	50.0	1100270.0	0.6761	Y
5	IC 410-683596/7	100.0	74.329787	50.0	1092749.0	0.743298	Y
6	IC 410-683596/8	300.0	198.05207	50.0	1087488.0	0.660174	Y



Calibration

/ Ethyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

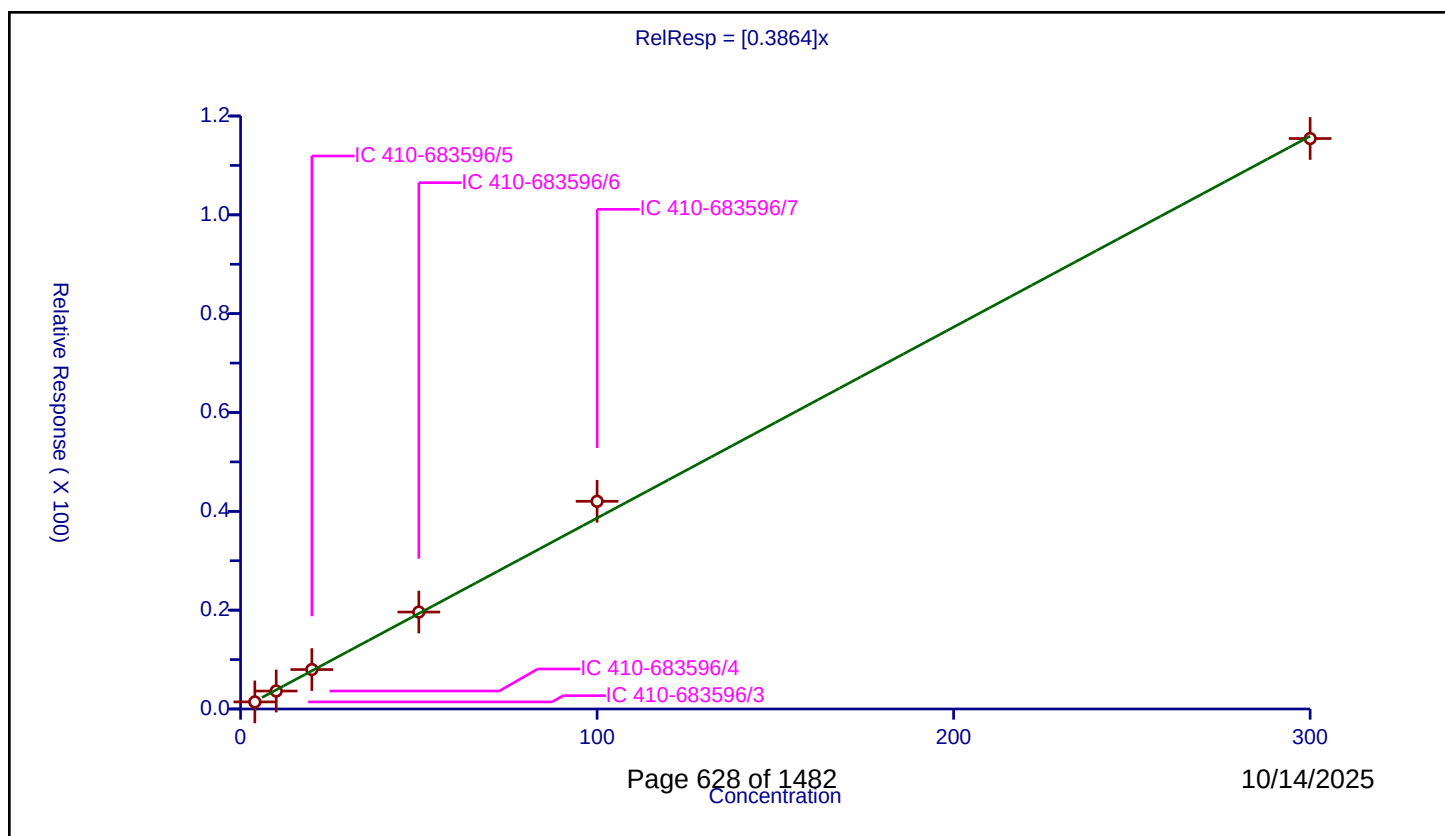
Curve Coefficients

Intercept: 0
Slope: 0.3864

Error Coefficients

Relative Standard Deviation: 6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	4.0	1.432143	50.0	1129566.0	0.358036	Y
2	IC 410-683596/4	10.0	3.63574	50.0	1091566.0	0.363574	Y
3	IC 410-683596/5	20.0	7.986355	50.0	1106456.0	0.399318	Y
4	IC 410-683596/6	50.0	19.617821	50.0	1100270.0	0.392356	Y
5	IC 410-683596/7	100.0	42.028773	50.0	1092749.0	0.420288	Y
6	IC 410-683596/8	300.0	115.444262	50.0	1087488.0	0.384814	Y



Calibration

/ Isopropyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

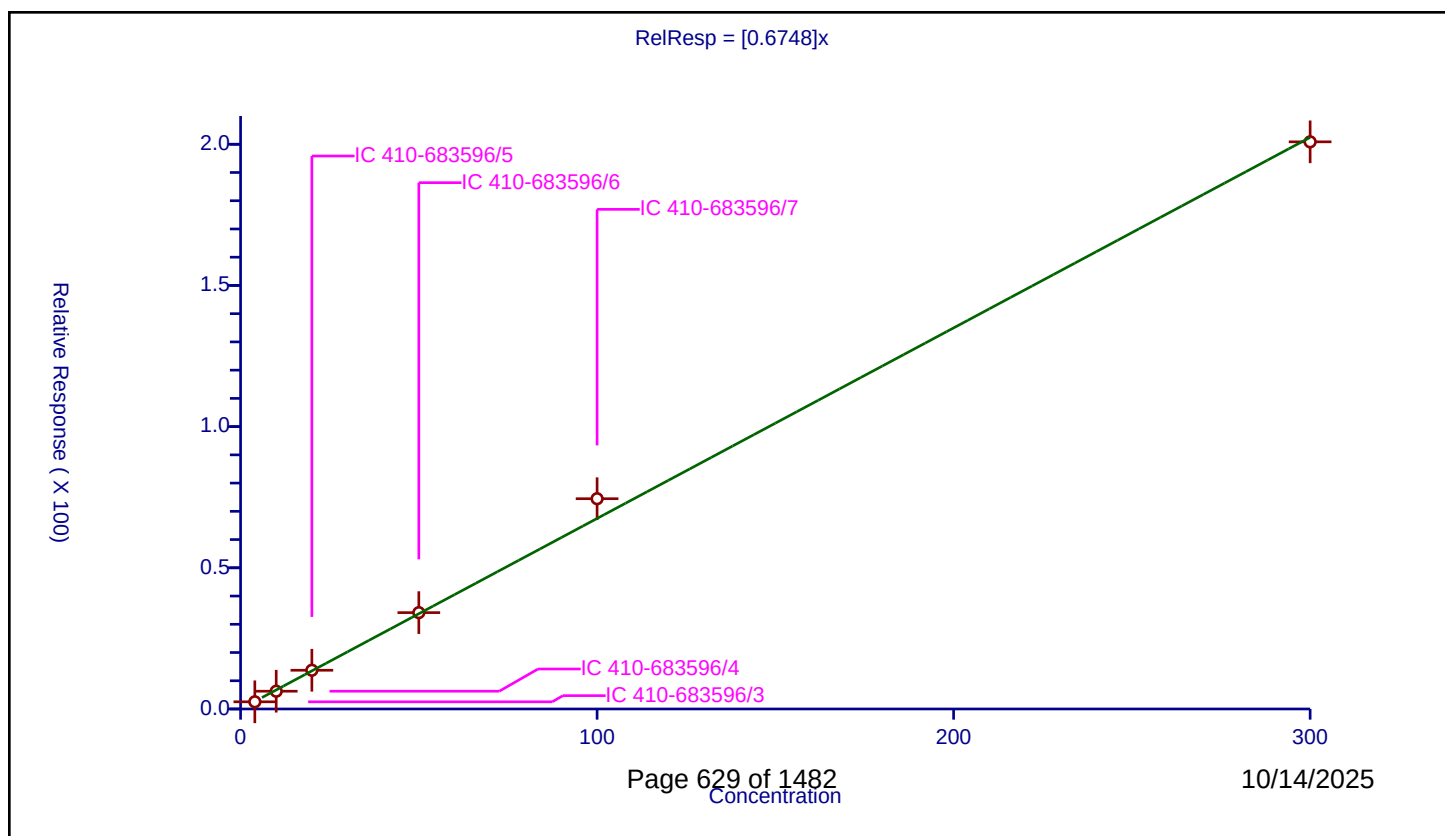
Curve Coefficients

Intercept: 0
Slope: 0.6748

Error Coefficients

Relative Standard Deviation: 6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	4.0	2.546598	50.0	1129566.0	0.636649	Y
2	IC 410-683596/4	10.0	6.293939	50.0	1091566.0	0.629394	Y
3	IC 410-683596/5	20.0	13.717762	50.0	1106456.0	0.685888	Y
4	IC 410-683596/6	50.0	34.12426	50.0	1100270.0	0.682485	Y
5	IC 410-683596/7	100.0	74.467513	50.0	1092749.0	0.744675	Y
6	IC 410-683596/8	300.0	200.85578	50.0	1087488.0	0.669519	Y



Calibration

/ n-Propyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

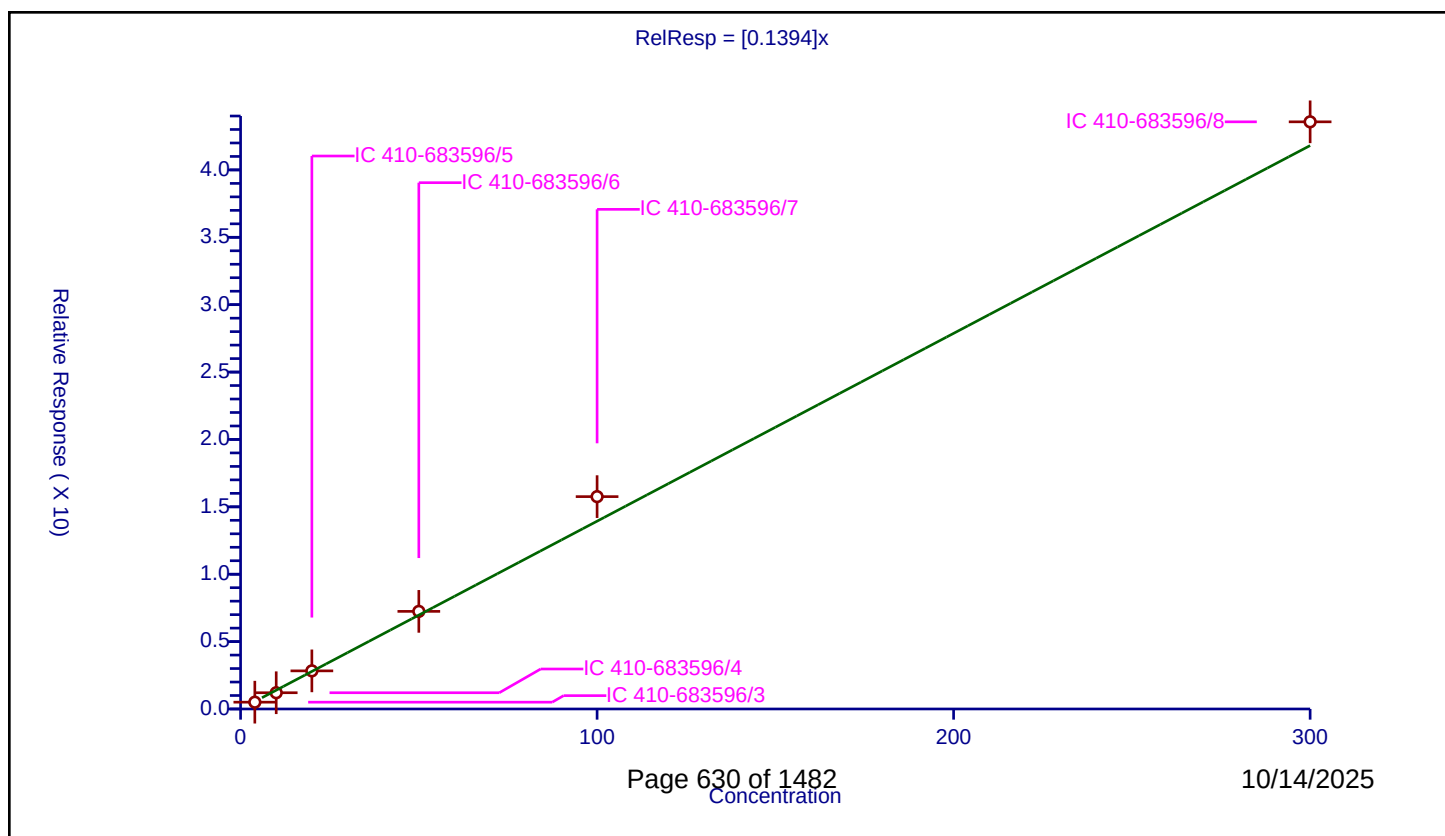
Curve Coefficients

Intercept: 0
Slope: 0.1394

Error Coefficients

Relative Standard Deviation: 9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	4.0	0.505592	50.0	1129566.0	0.126398	Y
2	IC 410-683596/4	10.0	1.206386	50.0	1091566.0	0.120639	Y
3	IC 410-683596/5	20.0	2.829213	50.0	1106456.0	0.141461	Y
4	IC 410-683596/6	50.0	7.243813	50.0	1100270.0	0.144876	Y
5	IC 410-683596/7	100.0	15.756866	50.0	1092749.0	0.157569	Y
6	IC 410-683596/8	300.0	43.568665	50.0	1087488.0	0.145229	Y



Calibration

/ 3,4-Dichloro-1-butene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

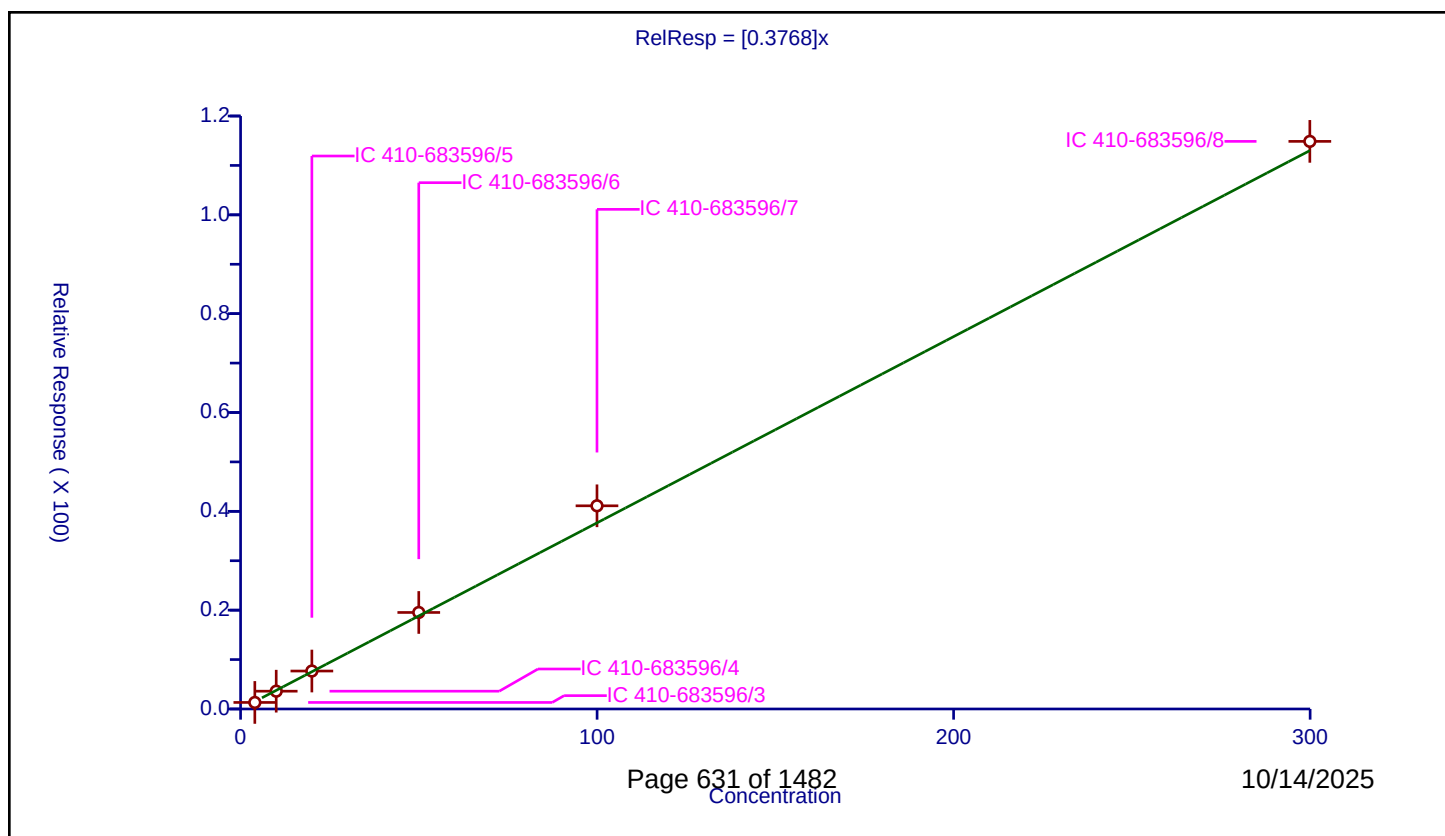
Curve Coefficients

Intercept: 0
 Slope: 0.3768

Error Coefficients

Relative Standard Deviation: 7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	3.99894	1.32338	50.0	805853.0	0.330933	Y
2	IC 410-683596/4	9.99735	3.602789	50.0	778855.0	0.360374	Y
3	IC 410-683596/5	19.9947	7.68354	50.0	790905.0	0.384279	Y
4	IC 410-683596/6	49.98675	19.533748	50.0	787665.0	0.390779	Y
5	IC 410-683596/7	99.9735	41.118152	50.0	791198.0	0.411291	Y
6	IC 410-683596/8	299.9205	114.867858	50.0	798575.0	0.382994	Y



Calibration

/ n-Butyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

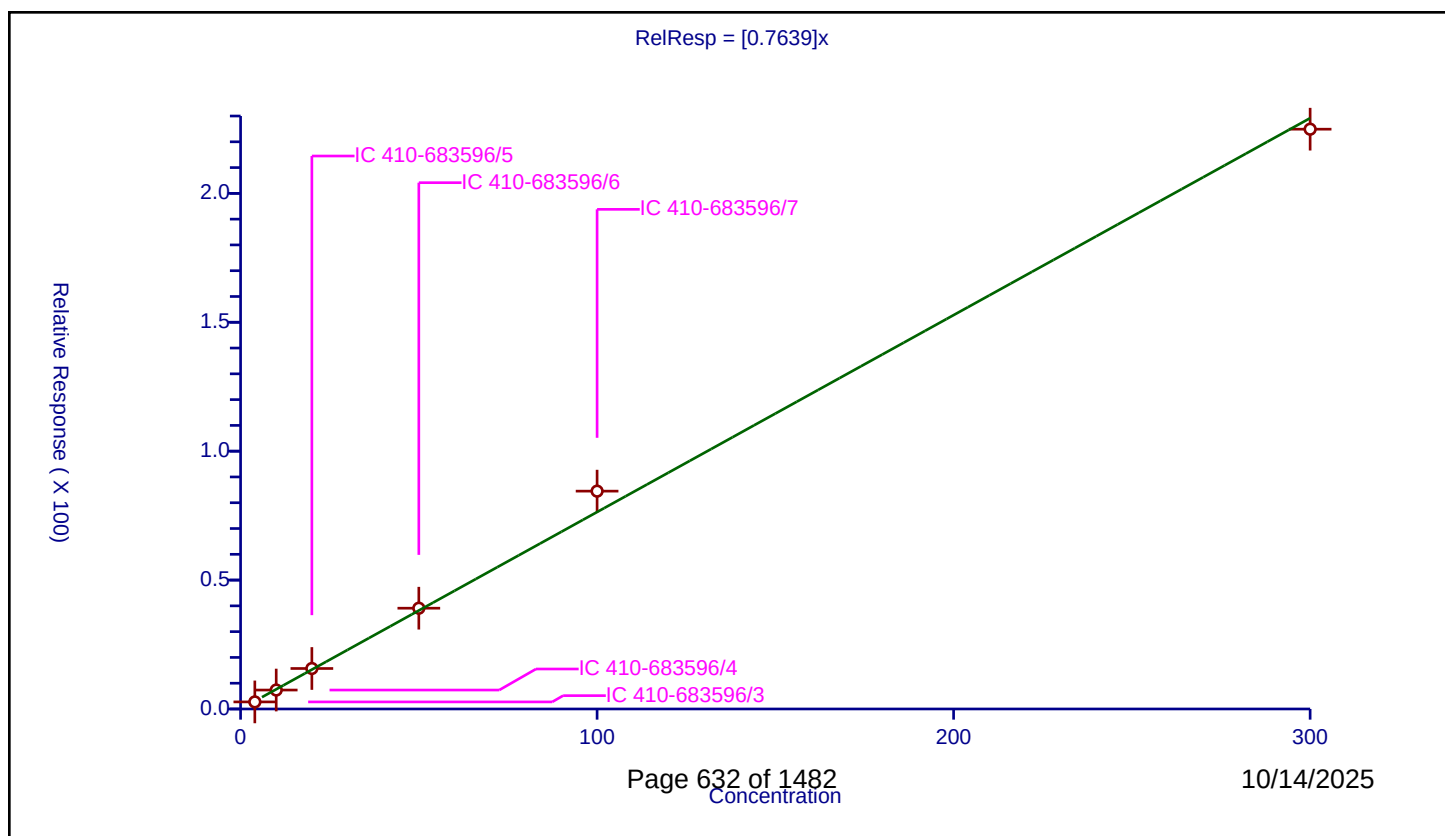
Curve Coefficients

Intercept: 0
Slope: 0.7639

Error Coefficients

Relative Standard Deviation: 7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	4.0	2.747523	50.0	805853.0	0.686881	Y
2	IC 410-683596/4	10.0	7.346554	50.0	778855.0	0.734655	Y
3	IC 410-683596/5	20.0	15.708334	50.0	790905.0	0.785417	Y
4	IC 410-683596/6	50.0	39.091302	50.0	787665.0	0.781826	Y
5	IC 410-683596/7	100.0	84.498634	50.0	791198.0	0.844986	Y
6	IC 410-683596/8	300.0	224.893404	50.0	798575.0	0.749645	Y



Calibration

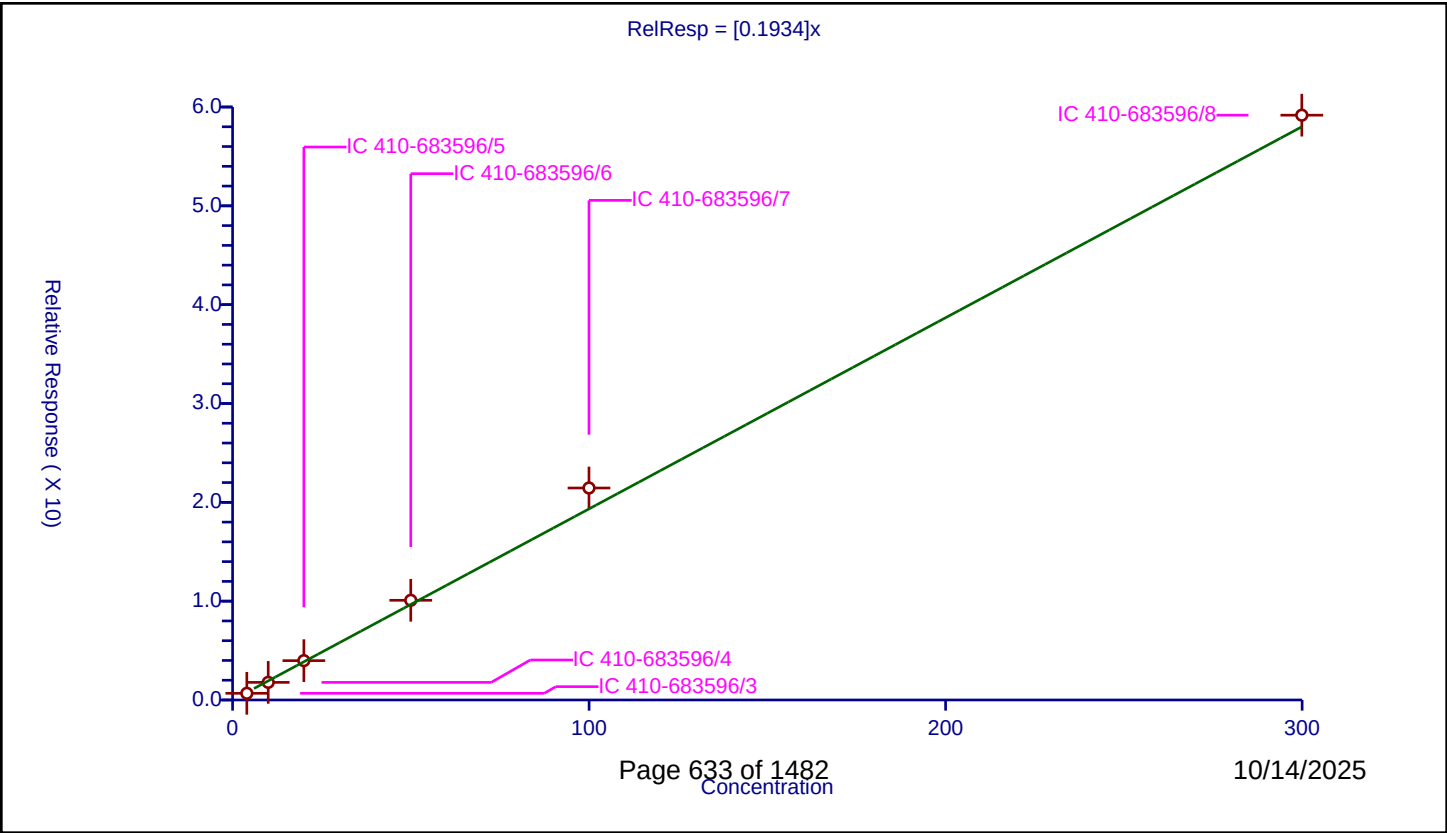
/ cis-1,4-Dichloro-2-butene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1934
Error Coefficients	

Relative Standard Deviation: 8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	3.998831	0.677047	50.0	805853.0	0.169311	Y
2	IC 410-683596/4	9.997078	1.782617	50.0	778855.0	0.178314	Y
3	IC 410-683596/5	19.994156	3.980567	50.0	790905.0	0.199087	Y
4	IC 410-683596/6	49.98539	10.086522	50.0	787665.0	0.201789	Y
5	IC 410-683596/7	99.97078	21.448677	50.0	791198.0	0.214549	Y
6	IC 410-683596/8	299.91234	59.174905	50.0	798575.0	0.197307	Y



Calibration

/ 2,3,4-Trichlorobutene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

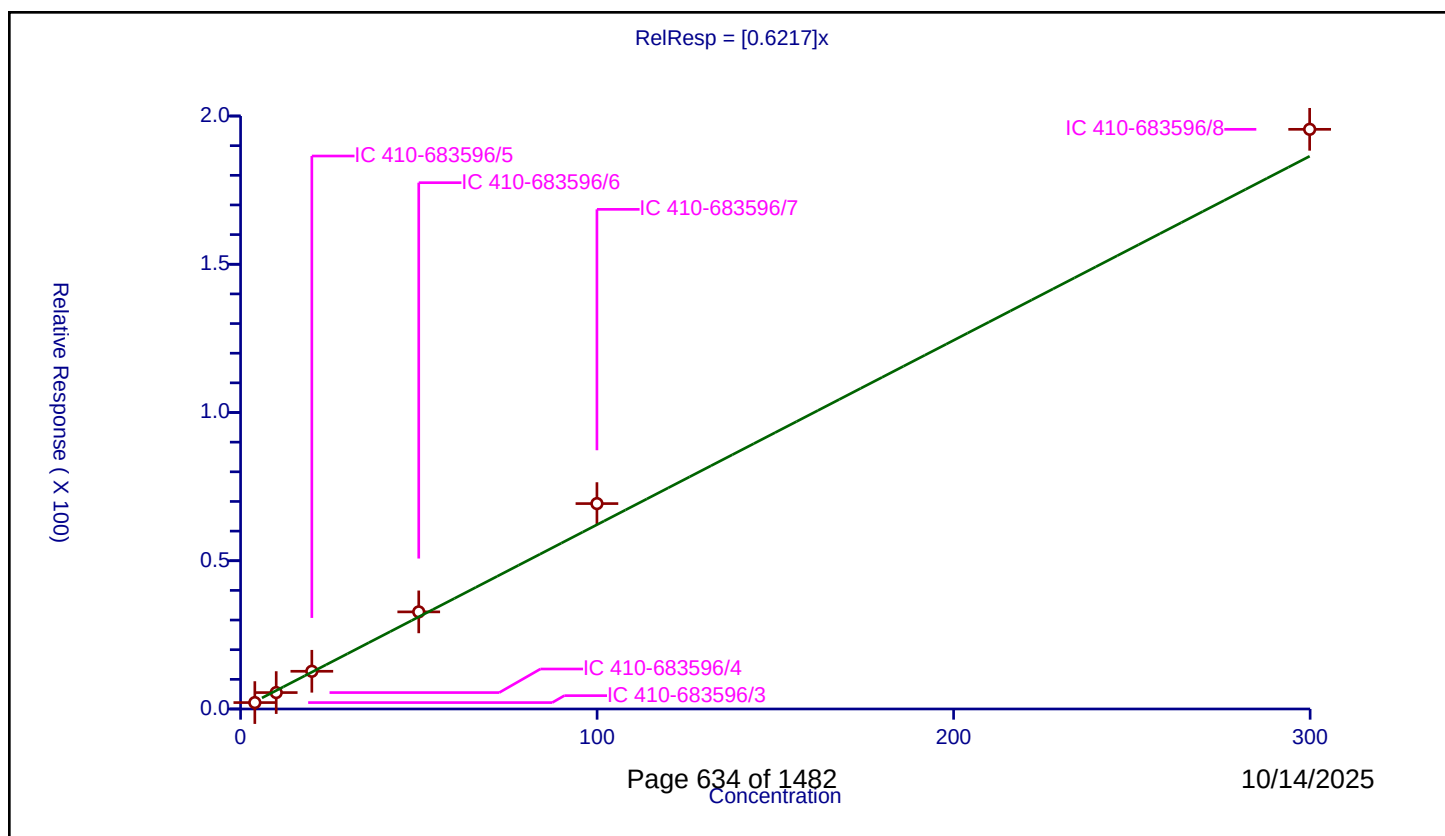
Curve Coefficients

Intercept: 0
 Slope: 0.6217

Error Coefficients

Relative Standard Deviation: 9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	3.998303	2.15881	50.0	476582.0	0.539932	Y
2	IC 410-683596/4	9.995756	5.534953	50.0	463527.0	0.55373	Y
3	IC 410-683596/5	19.991513	12.718748	50.0	467491.0	0.636207	Y
4	IC 410-683596/6	49.978782	32.752762	50.0	462361.0	0.655333	Y
5	IC 410-683596/7	99.957564	69.276879	50.0	456355.0	0.693063	Y
6	IC 410-683596/8	299.872692	195.515882	50.0	455240.0	0.651996	Y



Calibration

/ Pentachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

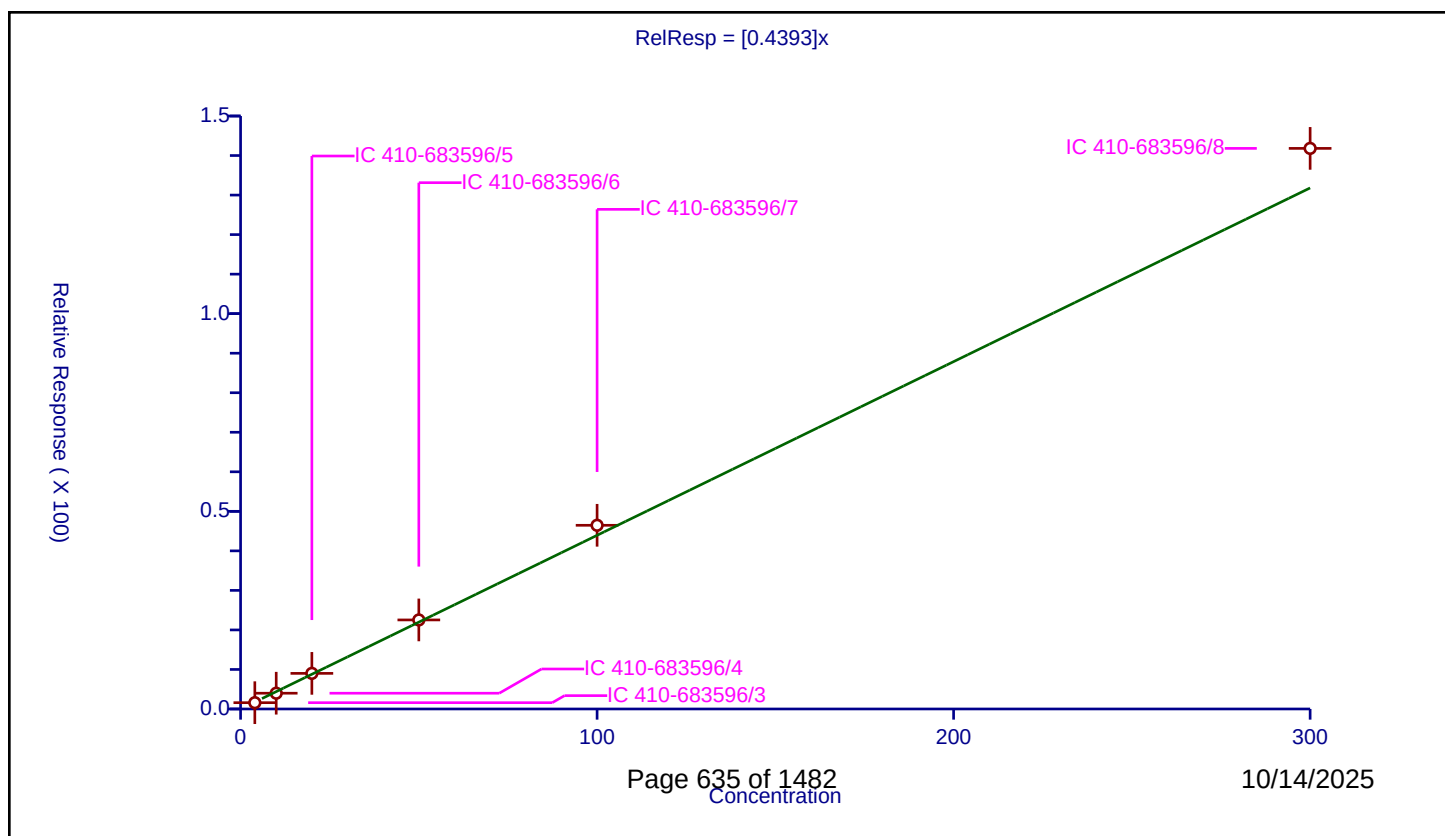
Curve Coefficients

Intercept: 0
Slope: 0.4393

Error Coefficients

Relative Standard Deviation: 7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	4.0	1.593745	50.0	476582.0	0.398436	Y
2	IC 410-683596/4	10.0	3.99254	50.0	463527.0	0.399254	Y
3	IC 410-683596/5	20.0	9.010548	50.0	467491.0	0.450527	Y
4	IC 410-683596/6	50.0	22.525473	50.0	462361.0	0.450509	Y
5	IC 410-683596/7	100.0	46.467114	50.0	456355.0	0.464671	Y
6	IC 410-683596/8	300.0	141.807838	50.0	455240.0	0.472693	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-683596/12	5G11X11.D
Level 2	IC 410-683596/13	5G11X12.D
Level 3	IC 410-683596/14	5G11X13.D
Level 4	IC 410-683596/15	5G11X14.D
Level 5	ICIS 410-683596/16	5G11X15.D
Level 6	IC 410-683596/17	5G11X16.D
Level 7	IC 410-683596/18	5G11X17.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.4518 0.5479	0.5429 0.5152	0.5739	0.5014	0.5593	Ave		0.527 5			0.1000	7.9		20.0			
Chloromethane	0.5034 0.5034	0.5235 0.4760	0.5362	0.4690	0.4987	Ave		0.501 5			0.1000	4.8		20.0			
Vinyl chloride	0.4194 0.4478	0.4534 0.4291	0.4729	0.4109	0.4551	Ave		0.441 2			0.1000	5.0		20.0			
1,3-Butadiene	0.4890 0.4191	0.4565 0.3969	0.4560	0.3848	0.4188	Ave		0.431 6				8.6		20.0			
Bromomethane	0.2714 0.3078	0.2877 0.2966	0.3004	0.2748	0.3053	Ave		0.292 0			0.1000	5.0		20.0			
Chloroethane	0.1938 0.2182	0.2215 0.2099	0.2246	0.1999	0.2176	Ave		0.212 2			0.1000	5.4		20.0			
Dichlorofluoromethane	0.6615 0.6818	0.6918 0.6427	0.7155	0.6238	0.6743	Ave		0.670 2			0.1000	4.6		20.0			
n-Pentane	0.2891 0.3800	0.2639 0.4038	0.3662	0.4128	0.4089	Ave		0.360 7				16.7		20.0			
Trichlorofluoromethane	0.5065 0.5630	0.5686 0.5364	0.5891	0.5136	0.5774	Ave		0.550 7			0.1000	5.8		20.0			
Ethyl ether	0.1843 0.1983	0.1962 0.1792	0.1914	0.1944	0.1914	Ave		0.190 7				3.6		20.0			
Freon 123a	0.3134 0.3401	0.3398 0.3173	0.3525	0.3080	0.3429	Ave		0.330 6				5.2		20.0			
Acrolein	1.3061 1.3677	1.2299 1.2715	1.1316	1.2018	1.2278	Ave		1.248 1				6.1		20.0			
1,1-Dichloroethene	0.1694 0.2306	0.1881 0.2308	0.2333	0.2377	0.2385	Ave		0.218 3			0.1000	12.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetone	0.6571 0.5886	0.5628 0.5724	0.4781	0.5487	0.5509	Ave		0.565 6			0.1000	9.4		20.0			
Freon 113	++++ 0.2595	0.1680 0.2670	0.2635	0.2723	0.2750	Ave		0.250 9			0.1000	16.3		20.0			
Methyl iodide	0.4064 0.5018	0.4432 0.4936	0.4993	0.5025	0.5086	Ave		0.479 4				8.1		20.0			
2-Propanol	0.5804 0.4963	0.5136 0.4272	0.5474	0.4498	0.4799	Ave		0.499 2				10.7		20.0			
Carbon disulfide	0.6046 0.8110	0.6800 0.8159	0.8377	0.8294	0.8368	Ave		0.773 6			0.1000	12.0		20.0			
Methyl acetate	0.3979 0.3065	0.3513 0.2841	0.3052	0.3202	0.3062	Ave		0.324 5			0.1000	11.8		20.0			
Allyl chloride	0.3421 0.3909	0.3634 0.3844	0.3767	0.4007	0.4070	Ave		0.380 8				5.9		20.0			
Methylene Chloride	0.2421 0.2681	0.2441 0.2640	0.2702	0.2743	0.2728	Ave		0.262 2			0.1000	5.1		20.0			
t-Butyl alcohol	0.9598 1.0063	0.8966 0.8397	1.1977	0.8669	0.9222	Ave		0.955 6				12.6		20.0			
Acrylonitrile	0.1558 0.1574	0.1547 0.1456	0.1565	0.1578	0.1539	Ave		0.154 5				2.7		20.0			
Methyl tert-butyl ether	0.7715 0.7965	0.7673 0.7456	0.7646	0.7877	0.8003	Ave		0.776 2			0.1000	2.5		20.0			
trans-1,2-Dichloroethene	0.2076 0.2473	0.2289 0.2388	0.2489	0.2605	0.2565	Ave		0.241 2			0.1000	7.6		20.0			
n-Hexane	++++ 0.2749	0.1492 0.2896	0.2819	0.3150	0.3224	Lin1	-0.29 3	0.293 3							0.9960		0.9900
1,1-Dichloroethane	0.3856 0.4583	0.4008 0.4353	0.4570	0.4727	0.4783	Ave		0.441 1			0.2000	8.1		20.0			
Isopropyl ether	0.6931 0.7856	0.7115 0.7564	0.7585	0.7851	0.7957	Ave		0.755 1				5.2		20.0			
2-Chloro-1,3-butadiene	0.3012 0.4007	0.3491 0.3880	0.4016	0.4122	0.4228	Ave		0.382 2				11.2		20.0			
Ethyl t-butyl ether	0.6402 0.7836	0.6956 0.7413	0.7348	0.7582	0.7883	Ave		0.734 6				7.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Butanone (MEK)	0.2897 0.2586	0.2476 0.2277	0.2015	0.2347	0.2156	Ave		0.239 4			0.1000	12.2		20.0			
cis-1,2-Dichloroethene	0.2318 0.2789	0.2508 0.2664	0.2743	0.2876	0.2869	Ave		0.268 1			0.1000	7.6		20.0			
2,2-Dichloropropane	0.3203 0.4007	0.3513 0.3990	0.4052	0.4120	0.4162	Ave		0.386 4				9.4		20.0			
Propionitrile	1.0313 1.0511	0.9163 1.0069	1.0583	0.9217	1.0140	Ave		1.000 0				5.8		20.0			
Methyl acrylate	0.3805 0.3803	0.3413 0.3611	0.3441	0.3771	0.3614	Ave		0.363 7				4.5		20.0			
Methacrylonitrile	0.1380 0.1600	0.1533 0.1475	0.1490	0.1528	0.1535	Ave		0.150 6				4.5		20.0			
Bromochloromethane	0.1209 0.1411	0.1321 0.1358	0.1438	0.1415	0.1435	Ave		0.136 9				6.0		20.0			
Tetrahydrofuran	0.9399 0.9363	0.8262 0.9087	0.9272	0.8550	0.9039	Ave		0.899 6				4.8		20.0			
Chloroform	0.4211 0.4694	0.4117 0.4501	0.4638	0.4863	0.4814	Ave		0.454 8			0.2000	6.4		20.0			
1,1,1-Trichloroethane	0.2810 0.4273	0.3420 0.4236	0.4239	0.4322	0.4426	Ave		0.396 1			0.1000	15.3		20.0			
Cyclohexane	++++ 0.4163	0.2583 0.4437	0.4164	0.4394	0.4570	Ave		0.405 2			0.1000	18.2		20.0			
Carbon tetrachloride	0.2650 0.3761	0.2855 0.3739	0.3569	0.3809	0.3930	Ave		0.347 3			0.1000	14.6		20.0			
1,1-Dichloropropene	0.2602 0.3608	0.3019 0.3572	0.3525	0.3717	0.3755	Ave		0.340 0				12.6		20.0			
Isobutyl alcohol	0.3831 0.3757	0.2815 0.3213	0.3901	0.3186	0.3174	Ave		0.341 1				12.2		20.0			
Benzene	0.8397 1.0598	0.9212 1.0465	1.0565	1.0623	1.0832	Ave		1.009 9			0.5000	9.1		20.0			
1,2-Dichloroethane	0.3619 0.3820	0.3545 0.3644	0.3753	0.3832	0.3855	Ave		0.372 4			0.1000	3.3		20.0			
t-Amyl methyl ether	0.6763 0.7743	0.6819 0.7368	0.7310	0.7332	0.7609	Ave		0.727 8				5.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Heptane	++++ 0.2531	0.1354 0.2847	0.2568	0.2936	0.2931	Lin1	-0.41 4	0.282 7							0.9960		0.9900
n-Butanol	0.1784 0.2666	0.1727 0.2357	0.2464	0.2095	0.2206	Ave		0.218 6				15.8		20.0			
Trichloroethene	0.1911 0.2825	0.2236 0.2789	0.2770	0.2830	0.2885	Ave		0.260 6			0.2000	14.5		20.0			
Ethyl acrylate	0.3444 0.4237	0.3603 0.4172	0.3738	0.3981	0.4045	Ave		0.388 9				7.7		20.0			
Methylcyclohexane	0.1263 0.3846	0.1975 0.4268	0.3845	0.4308	0.4437	Lin1	-0.39 2	0.422 3			0.1000				0.9970		0.9900
1,2-Dichloropropane	0.2142 0.2693	0.2303 0.2662	0.2518	0.2697	0.2704	Ave		0.253 1			0.1000	8.9		20.0			
t-Amyl ethyl ether	0.3229 0.3668	0.3063 0.3560	0.3508	0.3548	0.3565	Ave		0.344 9				6.3		20.0			
1,4-Dioxane	++++ 0.0625	0.0552 0.0619	0.0681	0.0537	0.0540	Ave		0.059 2			0.0050	9.8		20.0			
Dibromomethane	0.1682 0.1805	0.1684 0.1737	0.1667	0.1754	0.1795	Ave		0.173 2				3.2		20.0			
Methyl methacrylate	0.2089 0.2378	0.1932 0.2248	0.2182	0.2161	0.2243	Ave		0.217 6				6.4		20.0			
Bromodichloromethane	0.2805 0.3708	0.3001 0.3606	0.3282	0.3419	0.3652	Ave		0.335 3			0.2000	10.3		20.0			
2-Nitropropane	1.5437 2.0753	1.5438 1.9835	1.8625	1.7151	1.9218	Ave		1.806 5				11.7		20.0			
2-Chloroethyl vinyl ether	0.1704 0.2077	0.1537 0.2048	0.1734	0.1924	0.1834	Ave		0.183 7				10.6		20.0			
cis-1,3-Dichloropropene	0.3051 0.4454	0.3442 0.4406	0.3947	0.4120	0.4324	Ave		0.396 3			0.2000	13.4		20.0			
4-Methyl-2-pentanone (MIBK)	0.4411 0.5448	0.4478 0.4677	0.3992	0.4513	0.4507	Ave		0.457 5			0.1000	9.6		20.0			
Toluene	0.7249 0.8990	0.7484 0.8837	0.8763	0.9212	0.9236	Ave		0.853 9			0.4000	9.6		20.0			
trans-1,3-Dichloropropene	0.4592 0.5451	0.4314 0.5249	0.4983	0.5160	0.5274	Ave		0.500 3			0.1000	8.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	0.4433 0.5412	0.4677 0.4776	0.5467	0.5088	0.5132	Ave		0.499 8				7.7		20.0			
1,1,2-Trichloroethane	0.2987 0.3288	0.2871 0.3011	0.3306	0.3112	0.3186	Ave		0.310 9			0.1000	5.2		20.0			
Tetrachloroethene	0.2651 0.3989	0.3148 0.4020	0.3897	0.4320	0.4301	Ave		0.376 1			0.2000	16.6		20.0			
1,3-Dichloropropane	0.4342 0.5150	0.4368 0.4870	0.4996	0.5002	0.5081	Ave		0.483 0				6.9		20.0			
2-Hexanone	0.4356 0.5146	0.4549 0.4328	0.3984	0.4380	0.4401	Ave		0.444 9			0.1000	7.9		20.0			
Dibromochloromethane	0.3010 0.4168	0.3142 0.3880	0.3886	0.3829	0.3938	Ave		0.369 3				11.8		20.0			
1,2-Dibromoethane (EDB)	0.3089 0.3524	0.3151 0.3288	0.3364	0.3353	0.3469	Ave		0.332 0			0.1000	4.8		20.0			
1-Chlorohexane	0.3206 0.4071	0.2982 0.4312	0.4107	0.4510	0.4629	Ave		0.397 4				16.0		20.0			
Chlorobenzene	0.7569 1.0078	0.8375 0.9888	0.9683	1.0006	1.0191	Ave		0.939 9			0.5000	10.8		20.0			
1,1,1,2-Tetrachloroethane	0.2920 0.4028	0.3203 0.3748	0.3846	0.3892	0.3941	Ave		0.365 4				11.5		20.0			
Ethylbenzene	1.2914 1.7595	1.3894 1.7494	1.7534	1.8104	1.8274	Ave		1.654 4			0.1000	13.2		20.0			
m&p-Xylene	0.4498 0.6855	0.5389 0.6803	0.6628	0.6965	0.7107	Ave		0.632 1			0.1000	15.6		20.0			
n-Butyl acrylate	0.7047 0.7568	0.7520 0.7208	0.7296	0.7859	0.7691	Ave		0.745 5				3.8		20.0			
o-Xylene	0.4620 0.6987	0.5619 0.6820	0.6929	0.7126	0.7179	Ave		0.646 9			0.3000	15.0		20.0			
Styrene	0.7772 1.1465	0.9158 1.1209	1.1083	1.1344	1.1394	Ave		1.048 9			0.3000	13.8		20.0			
Bromoform	0.2411 0.3352	0.2560 0.3095	0.3075	0.2856	0.3084	Ave		0.291 9			0.1000	11.4		20.0			
Isopropylbenzene	+++++ 1.7868	1.2473 1.7882	1.7596	1.8473	1.8813	Ave		1.718 4			0.1000	13.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclohexanone	0.4389 0.2337	0.4259 0.2422	0.2230	0.2203	0.2223	Ave		0.286 6				34.9	*	20.0			
Bromobenzene	0.6409 0.8310	0.6232 0.8004	0.7715	0.7747	0.8135	Ave		0.750 7				11.2		20.0			
1,1,2,2-Tetrachloroethane	0.9462 1.1182	0.8855 0.9874	1.0966	1.0063	1.0247	Ave		1.009 3			0.3000	8.0		20.0			
trans-1,4-Dichloro-2-butene	0.2466 0.3314	0.2655 0.2983	0.3267	0.2999	0.3108	Ave		0.297 0				10.5		20.0			
1,2,3-Trichloropropane	0.2555 0.3120	0.2673 0.2767	0.3322	0.2852	0.2959	Ave		0.289 3				9.2		20.0			
N-Propylbenzene	++++ 3.5958	2.3356 3.6238	3.4503	3.6523	3.7795	Ave		3.406 2				15.7		20.0			
2-Chlorotoluene	0.4854 0.7615	0.5751 0.7404	0.7285	0.7481	0.7698	Ave		0.687 0				16.2		20.0			
1,3,5-Trimethylbenzene	++++ 2.6116	1.6053 2.6680	2.4223	2.5671	2.6598	Ave		2.422 4				16.9		20.0			
4-Chlorotoluene	0.4792 0.7402	0.5404 0.7358	0.6952	0.7241	0.7509	Ave		0.666 5				16.5		20.0			
tert-Butylbenzene	++++ 0.4517	0.2640 0.4747	0.4008	0.4524	0.4748	Ave		0.419 7				19.3		20.0			
1,2,4-Trimethylbenzene	1.6447 2.7046	1.7735 2.7010	2.5117	2.6569	2.7595	Ave		2.393 1				19.8		20.0			
sec-Butylbenzene	++++ 2.9866	1.6838 3.1539	2.8067	2.9921	3.1926	Ave		2.802 6				20.2	*	20.0			
1,3-Dichlorobenzene	0.9535 1.4470	1.0507 1.3937	1.4094	1.3820	1.4410	Ave		1.296 8			0.6000	15.8		20.0			
p-Isopropyltoluene	++++ 2.6498	1.5691 2.7712	2.4717	2.6522	2.8121	Ave		2.487 7				18.7		20.0			
1,4-Dichlorobenzene	1.0917 1.4560	1.0645 1.4065	1.4370	1.3972	1.4507	Ave		1.329 1			0.5000	13.0		20.0			
1,2,3-Trimethylbenzene	++++ 2.7234	1.7601 2.7206	2.5372	2.6393	2.7290	Ave		2.518 3				15.0		20.0			
Benzyl chloride	1.4229 2.1940	1.5432 1.9696	2.0561	1.9458	2.0261	Ave		1.879 7				15.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Diethylbenzene	+++++ 1.4264	0.8374 1.4688	1.3484	1.4404	1.5167	Ave		1.339 7				18.8		20.0			
1,4-Diethylbenzene	+++++ 1.5153	0.9226 1.5583	1.4818	1.5447	1.6150	Ave		1.439 6				17.9		20.0			
n-Butylbenzene	+++++ 1.1785	0.7046 1.2412	1.1660	1.2400	1.2856	Ave		1.136 0				19.0		20.0			
1,2-Dichlorobenzene	1.0363 1.4862	1.0690 1.4068	1.4549	1.3975	1.4701	Ave		1.331 6		0.4000		14.5		20.0			
1,2-Diethylbenzene	+++++ 1.2449	0.7314 1.2827	1.1502	1.2315	1.2972	Ave		1.156 3				18.5		20.0			
1,2-Dibromo-3-Chloropropane	0.2338 0.3088	0.2573 0.2705	0.3063	0.2896	0.2830	Ave		0.278 5		0.0500		9.7		20.0			
1,3,5-Trichlorobenzene	0.6184 0.9499	0.6225 0.9414	0.9602	0.9813	1.0088	Ave		0.868 9				19.7		20.0			
1,2,4-Trichlorobenzene	0.6801 0.9314	0.6638 0.9033	0.9199	0.9669	0.9695	Ave		0.862 1		0.2000		15.3		20.0			
2-Ethylhexyl acrylate	0.6484 0.8577	0.6781 0.8144	0.7330	0.8514	0.8601	Ave		0.777 6				11.6		20.0			
Hexachlorobutadiene	0.2085 0.3699	0.2089 0.3858	0.3700	0.3909	0.4129	Lin1	-0.25 3	0.387 0							0.9980		0.9900
Naphthalene	2.5635 3.7110	2.7775 3.3914	3.6671	3.6611	3.5361	Ave		3.329 7				14.0		20.0			
1,2,3-Trichlorobenzene	0.6566 0.9206	0.6267 0.8717	0.9046	0.9524	0.9265	Ave		0.837 0				16.2		20.0			
2-Methylnaphthalene	0.9955 1.6653	1.0574 1.5622	1.5687	1.6930	1.6379	Ave		1.454 3				20.4	*	20.0			
Dibromofluoromethane (Surr)	0.2760 0.2676	0.2714 0.2592	0.2693	0.2690	0.2653	Ave		0.268 2				1.9		20.0			
1,2-Dichloroethane-d4 (Surr)	0.0598 0.0578	0.0590 0.0570	0.0586	0.0581	0.0580	Ave		0.058 3				1.6		20.0			
Toluene-d8 (Surr)	1.3404 1.2959	1.3409 1.2922	1.3252	1.3333	1.3290	Ave		1.322 4				1.5		20.0			
4-Bromofluorobenzene (Surr)	0.4934 0.4721	0.4965 0.4775	0.4858	0.4818	0.4862	Ave		0.484 8				1.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-683596/12	5G11X11.D
Level 2	IC 410-683596/13	5G11X12.D
Level 3	IC 410-683596/14	5G11X13.D
Level 4	IC 410-683596/15	5G11X14.D
Level 5	ICIS 410-683596/16	5G11X15.D
Level 6	IC 410-683596/17	5G11X16.D
Level 7	IC 410-683596/18	5G11X17.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	9351 1165230	46044 3454862	118140	212349	599487	1.00 100	4.00 300	10.0	20.0	50.0
Chloromethane	FB	Ave	10419 1070590	44399 3191680	110379	198633	534454	1.00 100	4.00 300	10.0	20.0	50.0
Vinyl chloride	FB	Ave	8681 952422	38457 2877322	97341	174022	487806	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Butadiene	FB	Ave	10120 891374	38714 2661219	93876	162954	448823	1.00 100	4.00 300	10.0	20.0	50.0
Bromomethane	FB	Ave	5617 654563	24401 1989141	61830	116393	327263	1.00 100	4.00 300	10.0	20.0	50.0
Chloroethane	FB	Ave	4010 464050	18788 1407374	46229	84657	233246	1.00 100	4.00 300	10.0	20.0	50.0
Dichlorofluoromethane	FB	Ave	13690 1450021	58673 4309531	147297	264181	722652	1.00 100	4.00 300	10.0	20.0	50.0
n-Pentane	FB	Ave	5984 808104	22380 2707402	75388	174802	438219	1.00 100	4.00 300	10.0	20.0	50.0
Trichlorofluoromethane	FB	Ave	10483 1197296	48226 3596484	121269	217513	618819	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl ether	FB	Ave	3815 421885	16643 1201833	39417	82345	205205	1.00 100	4.00 300	10.0	20.0	50.0
Freon 123a	FB	Ave	6486 723352	28819 2127356	72569	130446	367510	1.00 100	4.00 300	10.0	20.0	50.0
Acrolein	TBA d1 0	Ave	18544 1980897	75437 5480956	156074	363159	856266	9.76 976	39.0 2928	97.6	195	488
1,1-Dichloroethene	FB	Ave	3506 490321	15955 1547832	48031	100643	255638	1.00 100	4.00 300	10.0	20.0	50.0
Acetone	TBA d1 0	Ave	1912 174728	7075 505724	13515	33982	78742	2.00 200	8.00 600	20.0	40.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

Analy Batch No.: 683596

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Freon 113	FB	Ave	++++ 551808	14247 1790583	54241	115330	294698	++++ 100	4.00 300	10.0	20.0	50.0
Methyl iodide	FB	Ave	8412 1067162	37592 3309458	102785	212819	545137	1.00 100	4.00 300	10.0	20.0	50.0
2-Propanol	TBAd1 0	Ave	4222 368286	16139 943432	38680	69632	171468	5.00 500	20.0 1500	50.0	100	250
Carbon disulfide	FB	Ave	12513 1724671	57671 5470718	172444	351227	896874	1.00 100	4.00 300	10.0	20.0	50.0
Methyl acetate	FB	Ave	8235 651862	29797 1905117	62821	135603	328166	1.00 100	4.00 300	10.0	20.0	50.0
Allyl chloride	FB	Ave	7080 831335	30824 2577488	77540	169709	436251	1.00 100	4.00 300	10.0	20.0	50.0
Methylene Chloride	FB	Ave	5010 570141	20705 1770244	55611	116157	292365	1.00 100	4.00 300	10.0	20.0	50.0
t-Butyl alcohol	TBAd1 0	Ave	6982 746767	28175 1854516	84634	134213	329524	5.00 500	20.0 1500	50.0	100	250
Acrylonitrile	FB	Ave	8059 836974	32797 2440053	80541	167032	412326	2.50 250	10.0 750	25.0	50.0	125
Methyl tert-butyl ether	FB	Ave	15968 1693992	65077 4999823	157393	333560	857748	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	4296 525886	19414 1601076	51240	110307	274966	1.00 100	4.00 300	10.0	20.0	50.0
n-Hexane	FB	Lin1	++++ 584639	12655 1941821	58025	133385	345576	++++ 100	4.00 300	10.0	20.0	50.0
1,1-Dichloroethane	FB	Ave	7980 974566	33995 2918906	94081	200203	512599	1.00 100	4.00 300	10.0	20.0	50.0
Isopropyl ether	FB	Ave	14344 1670732	60347 5071805	156136	332471	852841	1.00 100	4.00 300	10.0	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	6233 852103	29610 2601963	82667	174579	453169	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl t-butyl ether	FB	Ave	13249 1666549	58998 4970990	151254	321081	844896	1.00 100	4.00 300	10.0	20.0	50.0
2-Butanone (MEK)	FB	Ave	11991 1100010	41998 3053698	82978	198779	462180	2.00 200	8.00 600	20.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	4798 593145	21274 1786609	56463	121774	307472	1.00 100	4.00 300	10.0	20.0	50.0
2,2-Dichloropropane	FB	Ave	6630 852259	29794 2675675	83401	174495	446115	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

Analy Batch No.: 683596

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propionitrile	TBA01	Ave	7502 780040	28794 2223917	74783	142696	362328	5.00 500	20.0 1500	50.0	100	250
Methyl acrylate	FB	Ave	7877 808940	28957 2421690	70858	159742	387464	1.00 100	4.00 300	10.0	20.0	50.0
Methacrylonitrile	FB	Ave	7142 850471	32496 2472616	76679	161721	411246	2.50 250	10.0 750	25.0	50.0	125
Bromochloromethane	FB	Ave	2503 300040	11205 910361	29593	59914	153775	1.00 100	4.00 300	10.0	20.0	50.0
Tetrahydrofuran	TBA01	Ave	6837 694844	25964 2007017	65522	132374	322969	5.00 500	20.0 1500	50.0	100	250
Chloroform	FB	Ave	8715 998345	34915 3017962	95482	205945	515914	1.00 100	4.00 300	10.0	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	5816 908679	29008 2840639	87268	183012	474372	1.00 100	4.00 300	10.0	20.0	50.0
Cyclohexane	FB	Ave	++++ 885411	21906 2975241	85723	186094	489782	++++ 100	4.00 300	10.0	20.0	50.0
Carbon tetrachloride	FB	Ave	5484 799937	24211 2506879	73461	161304	421185	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloropropene	FB	Ave	5385 767271	25606 2395027	72556	157425	402423	1.00 100	4.00 300	10.0	20.0	50.0
Isobutyl alcohol	TBA01	Ave	6967 697067	22112 1774174	68923	123295	283482	12.5 1250	50.0 3750	125	250	625
Benzene	FB	Ave	17379 2253881	78133 7017063	217489	449882	1160979	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichloroethane	FB	Ave	7491 812338	30068 2443219	77264	162260	413185	1.00 100	4.00 300	10.0	20.0	50.0
t-Amyl methyl ether	FB	Ave	13997 1646767	57839 4940527	150469	310482	815543	1.00 100	4.00 300	10.0	20.0	50.0
n-Heptane	FB	Lin1	++++ 538327	11488 1908887	52860	124349	314147	++++ 100	4.00 300	10.0	20.0	50.0
n-Butanol	TBA01	Ave	3245 494523	13568 1301504	43527	81103	197015	12.5 1250	50.0 3750	125	250	625
Trichloroethene	FB	Ave	3955 600712	18963 1870449	57013	119836	309199	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl acrylate	FB	Ave	7132 901424	30571 2798978	76976	168686	433722	1.00 100	4.00 300	10.0	20.0	50.0
Methylcyclohexane	FB	Lin1	2613	16755	79146	182443	475548	1.00	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

Analy Batch No.: 683596

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			817900	2862160				100	300			
1,2-Dichloropropane	FB	Ave	4434 572675	19536 1784721	51830	114219	289849	1.00 100	4.00 300	10.0	20.0	50.0
t-Amyl ethyl ether	FB	Ave	6682 780127	25981 2387283	72204	150241	382108	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Dioxane	TBA d1 0	Ave	++++ 115859	4336 341714	12023	20801	48200	++++ 1250	50.0 3750	125	250	625
Dibromomethane	FB	Ave	3482 383817	14281 1165049	34306	74285	192434	1.00 100	4.00 300	10.0	20.0	50.0
Methyl methacrylate	FB	Ave	4324 505801	16388 1507339	44927	91524	240379	1.00 100	4.00 300	10.0	20.0	50.0
Bromodichloromethane	FB	Ave	5806 788663	25450 2417859	67556	144784	391458	1.00 100	4.00 300	10.0	20.0	50.0
2-Nitropropane	TBA d1 0	Ave	11229 1540019	48513 4380817	131611	265524	686691	5.00 500	20.0 1500	50.0	100	250
2-Chloroethyl vinyl ether	FB	Ave	3527 441793	13035 1373373	35694	81470	196551	1.00 100	4.00 300	10.0	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	6315 947240	29192 2954205	81254	174488	463389	1.00 100	4.00 300	10.0	20.0	50.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	18260 2317195	75955 6272206	164345	382244	966092	2.00 200	8.00 600	20.0	40.0	100
Toluene	CBZ d5	Ave	10641 1468688	45393 4643368	130107	282662	730256	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,3-Dichloropropene	CBZ d5	Ave	6740 890550	26167 2758112	73981	158339	417013	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl methacrylate	CBZ d5	Ave	6507 884278	28368 2509850	81161	156119	405764	1.00 100	4.00 300	10.0	20.0	50.0
1,1,2-Trichloroethane	CBZ d5	Ave	4384 537215	17412 1582419	49088	95478	251924	1.00 100	4.00 300	10.0	20.0	50.0
Tetrachloroethene	CBZ d5	Ave	3892 651669	19095 2112393	57860	132567	340045	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Dichloropropane	CBZ d5	Ave	6373 841462	26495 2558941	74176	153480	401696	1.00 100	4.00 300	10.0	20.0	50.0
2-Hexanone	CBZ d5	Ave	12788 1681415	55187 4548216	118303	268777	696000	2.00 200	8.00 600	20.0	40.0	100
Dibromochloromethane	CBZ d5	Ave	4419 680887	19056 2039020	57700	117490	311344	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dibromoethane (EDB)	CBZ d5	Ave	4535 575772	19113 1727577	49950	102879	274295	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

Analy Batch No.: 683596

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1-Chlorohexane	CBZd5	Ave	4706 665111	18085 2266056	60973	138375	365973	1.00 100	4.00 300	10.0	20.0	50.0
Chlorobenzene	CBZd5	Ave	11111 1646561	50800 5195866	143756	307026	805726	1.00 100	4.00 300	10.0	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZd5	Ave	4287 658084	19428 1969312	57094	119435	311630	1.00 100	4.00 300	10.0	20.0	50.0
Ethylbenzene	CBZd5	Ave	18956 2874664	84275 9192268	260320	555523	1444828	1.00 100	4.00 300	10.0	20.0	50.0
m&p-Xylene	CBZd5	Ave	13205 2239983	65375 7149793	196797	427452	1123853	2.00 200	8.00 600	20.0	40.0	100
n-Butyl acrylate	CBZd5	Ave	10345 1236557	45615 3787918	108331	241170	608142	1.00 100	4.00 300	10.0	20.0	50.0
o-Xylene	CBZd5	Ave	6782 1141573	34082 3583772	102867	218652	567594	1.00 100	4.00 300	10.0	20.0	50.0
Styrene	CBZd5	Ave	11409 1873052	55545 5889896	164543	348095	900907	1.00 100	4.00 300	10.0	20.0	50.0
Bromoform	CBZd5	Ave	3539 547681	15528 1626156	45647	87648	243850	1.00 100	4.00 300	10.0	20.0	50.0
Isopropylbenzene	CBZd5	Ave	++++ 2919283	75652 9396465	261240	566834	1487443	++++ 100	4.00 300	10.0	20.0	50.0
Cyclohexanone	TBA d1 0	Ave	31930 433619	133847 1337515	78802	170572	198559	50.0 1250	200 3750	250	500	625
Bromobenzene	DCBd4	Ave	5582 747268	22895 2298081	66606	136785	361984	1.00 100	4.00 300	10.0	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	8241 1005509	32532 2834827	94670	177683	455993	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	5370 744966	24388 2141106	70519	132388	345798	2.50 250	10.0 750	25.0	50.0	125
1,2,3-Trichloropropane	DCBd4	Ave	2225 280545	9820 794505	28683	50351	131672	1.00 100	4.00 300	10.0	20.0	50.0
N-Propylbenzene	DCBd4	Ave	++++ 3233515	85805 10404262	297883	644904	1681833	++++ 100	4.00 300	10.0	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	4228 684801	21127 2125855	62895	132097	342562	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	++++ 2348495	58974 7660091	209131	453279	1183608	++++ 100	4.00 300	10.0	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	4174 665665	19852 2112640	60019	127850	334123	1.00 100	4.00 300	10.0	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	++++	9699	34601	79879	211264	++++	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

Analy Batch No.: 683596

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			406189	1363003				100	300			
1,2,4-Trimethylbenzene	DCBd4	Ave	14325 2432083	65153 7754806	216845	469139	1227936	1.00 100	4.00 300	10.0	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	++++ 2685694	61858 9055074	242312	528318	1420686	++++ 100	4.00 300	10.0	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	8305 1301192	38599 4001556	121682	244028	641244	1.00 100	4.00 300	10.0	20.0	50.0
p-Isopropyltoluene	DCBd4	Ave	++++ 2382863	57644 7956525	213390	468315	1251350	++++ 100	4.00 300	10.0	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	9508 1309358	39106 4038158	124061	246704	645546	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trimethylbenzene	DCBd4	Ave	++++ 2449068	64664 7811010	219048	466029	1214398	++++ 100	4.00 300	10.0	20.0	50.0
Benzyl chloride	DCBd4	Ave	12393 1973010	56693 5654923	177515	343570	901585	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Diethylbenzene	DCBd4	Ave	++++ 1282730	30765 4217135	116414	254334	674938	++++ 100	4.00 300	10.0	20.0	50.0
1,4-Diethylbenzene	DCBd4	Ave	++++ 1362612	33896 4474067	127932	272745	718668	++++ 100	4.00 300	10.0	20.0	50.0
n-Butylbenzene	DCBd4	Ave	++++ 1059813	25886 3563504	100668	218959	572085	++++ 100	4.00 300	10.0	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	9026 1336500	39271 4039103	125611	246768	654199	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Diethylbenzene	DCBd4	Ave	++++ 1119527	26869 3682743	99306	217453	577238	++++ 100	4.00 300	10.0	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	2036 277681	9454 776704	26446	51129	125928	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	5386 854178	22868 2702766	82898	173266	448924	1.00 100	4.00 300	10.0	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	5923 837552	24385 2593360	79417	170720	431420	1.00 100	4.00 300	10.0	20.0	50.0
2-Ethylhexyl acrylate	DCBd4	Ave	5648 771431	24918 2338715	63298	150356	382815	1.00 100	4.00 300	10.0	20.0	50.0
Hexachlorobutadiene	DCBd4	Lin1	1816 332665	7674 1107600	31942	69014	183731	1.00 100	4.00 300	10.0	20.0	50.0
Naphthalene	DCBd4	Ave	22327 3337135	102039 9736936	316595	646455	1573513	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	5719 827839	23025 2502762	78095	168164	412269	1.00 100	4.00 300	10.0	20.0	50.0
2-Methylnaphthalene	DCBd4	Ave	8670	38848	135429	298931	728839	1.00	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1497524	4485157				100	300			
Dibromofluoromethane (Surr)	FB	Ave	285612 284537	287719 289624	277220	284753	284355	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	61880 61434	62502 63651	60305	61476	62112	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZd5	Ave	983756 1058632	1016657 1131641	983769	1022820	1050754	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	CBZd5	Ave	362140 385661	376420 418150	360618	369631	384428	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-683596/12	5G11X11.D
Level 2	IC 410-683596/13	5G11X12.D
Level 3	IC 410-683596/14	5G11X13.D
Level 4	IC 410-683596/15	5G11X14.D
Level 5	ICIS 410-683596/16	5G11X15.D
Level 6	IC 410-683596/17	5G11X16.D
Level 7	IC 410-683596/18	5G11X17.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Dichlorodifluoromethane	-14.3 -2.3	2.9	8.8	-4.9	6.0	3.9	50 30	30	30	30	30	30
Chloromethane	0.4 -5.1	4.4	6.9	-6.5	-0.6	0.4	50 30	30	30	30	30	30
Vinyl chloride	-4.9 -2.8	2.8	7.2	-6.9	3.1	1.5	50 30	30	30	30	30	30
1,3-Butadiene	13.3 -8.0	5.8	5.7	-10.8	-3.0	-2.9	50 30	30	30	30	30	30
Bromomethane	-7.1 1.6	-1.5	2.9	-5.9	4.6	5.4	50 30	30	30	30	30	30
Chloroethane	-8.7 -1.1	4.4	5.8	-5.8	2.6	2.8	50 30	30	30	30	30	30
Dichlorofluoromethane	-1.3 -4.1	3.2	6.8	-6.9	0.6	1.7	50 30	30	30	30	30	30
n-Pentane	-19.8 12.0	-26.8	1.5	14.4	13.4	5.4	50 30	30	30	30	30	30
Trichlorofluoromethane	-8.0 -2.6	3.3	7.0	-6.7	4.9	2.2	50 30	30	30	30	30	30
Ethyl ether	-3.4 -6.1	2.8	0.4	1.9	0.3	4.0	50 30	30	30	30	30	30
Freon 123a	-5.2 -4.0	2.8	6.6	-6.8	3.7	2.9	50 30	30	30	30	30	30
Acrolein	4.7 1.9	-1.5	-9.3	-3.7	-1.6	9.6	50 30	30	30	30	30	30
1,1-Dichloroethene	-22.4 5.7	-13.8	6.9	8.8	9.2	5.6	50 30	30	30	30	30	30
Acetone	16.2 1.2	-0.5	-15.5	-3.0	-2.6	4.1	50 30	30	30	30	30	30
Freon 113	++++ 6.4	-33.0	5.0	8.6	9.6	3.4	30	50	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Methyl iodide	-15.2 3.0	-7.5	4.2	4.8	6.1	4.7	50 30	30	30	30	30	30
2-Propanol	16.3 -14.4	2.9	9.7	-9.9	-3.9	-0.6	50 30	30	30	30	30	30
Carbon disulfide	-21.8 5.5	-12.1	8.3	7.2	8.2	4.8	50 30	30	30	30	30	30
Methyl acetate	22.6 -12.4	8.3	-6.0	-1.3	-5.6	-5.5	50 30	30	30	30	30	30
Allyl chloride	-10.2 1.0	-4.5	-1.1	5.3	6.9	2.7	50 30	30	30	30	30	30
Methylene Chloride	-7.7 0.7	-6.9	3.0	4.6	4.0	2.2	50 30	30	30	30	30	30
t-Butyl alcohol	0.4 -12.1	-6.2	25.3	-9.3	-3.5	5.3	50 30	30	30	30	30	30
Acrylonitrile	0.8 -5.8	0.1	1.3	2.1	-0.4	1.9	50 30	30	30	30	30	30
Methyl tert-butyl ether	-0.6 -3.9	-1.2	-1.5	1.5	3.1	2.6	50 30	30	30	30	30	30
trans-1,2-Dichloroethene	-13.9 -1.0	-5.1	3.2	8.0	6.4	2.5	50 30	30	30	30	30	30
n-Hexane	++++ -0.9	-24.2	6.1	12.4	11.9	-5.3	30	50	30	30	30	30
1,1-Dichloroethane	-12.6 -1.3	-9.1	3.6	7.2	8.4	3.9	50 30	30	30	30	30	30
Isopropyl ether	-8.2 0.2	-5.8	0.4	4.0	5.4	4.0	50 30	30	30	30	30	30
2-Chloro-1,3-butadiene	-21.2 1.5	-8.7	5.1	7.9	10.6	4.8	50 30	30	30	30	30	30
Ethyl t-butyl ether	-12.9 0.9	-5.3	0.0	3.2	7.3	6.7	50 30	30	30	30	30	30
2-Butanone (MEK)	21.0 -4.9	3.4	-15.8	-1.9	-9.9	8.1	50 30	30	30	30	30	30
cis-1,2-Dichloroethene	-13.5 -0.6	-6.4	2.3	7.3	7.0	4.0	50 30	30	30	30	30	30
2,2-Dichloropropane	-17.1 3.3	-9.1	4.9	6.6	7.7	3.7	50 30	30	30	30	30	30
Propionitrile	3.1 0.7	-8.4	5.8	-7.8	1.4	5.1	50 30	30	30	30	30	30
Methyl acrylate	4.6 -0.7	-6.1	-5.4	3.7	-0.6	4.6	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Methacrylonitrile	-8.3 -2.0	1.8	-1.0	1.4	1.9	6.2	50 30	30	30	30	30	30
Bromochloromethane	-11.7 -0.9	-3.5	5.0	3.3	4.8	3.0	50 30	30	30	30	30	30
Tetrahydrofuran	4.5 1.0	-8.2	3.1	-5.0	0.5	4.1	50 30	30	30	30	30	30
Chloroform	-7.4 -1.0	-9.5	2.0	6.9	5.8	3.2	50 30	30	30	30	30	30
1,1,1-Trichloroethane	-29.1 7.0	-13.7	7.0	9.1	11.7	7.9	50 30	30	30	30	30	30
Cyclohexane	++++ 9.5	-36.3	2.8	8.4	12.8	2.7	30	50	30	30	30	30
Carbon tetrachloride	-23.7 7.6	-17.8	2.8	9.7	13.1	8.3	50 30	30	30	30	30	30
1,1-Dichloropropene	-23.5 5.1	-11.2	3.7	9.3	10.4	6.1	50 30	30	30	30	30	30
Isobutyl alcohol	12.3 -5.8	-17.5	14.4	-6.6	-7.0	10.2	50 30	30	30	30	30	30
Benzene	-16.9 3.6	-8.8	4.6	5.2	7.3	4.9	50 30	30	30	30	30	30
1,2-Dichloroethane	-2.8 -2.2	-4.8	0.8	2.9	3.5	2.6	50 30	30	30	30	30	30
t-Amyl methyl ether	-7.1 1.2	-6.3	0.4	0.7	4.6	6.4	50 30	30	30	30	30	30
n-Heptane	++++ 1.2	-15.4	5.5	11.2	6.6	-9.0	30	50	30	30	30	30
n-Butanol	-18.4 7.9	-21.0	12.7	-4.1	0.9	22.0	50 30	30	30	30	30	30
Trichloroethene	-26.7 7.0	-14.2	6.3	8.6	10.7	8.4	50 30	30	30	30	30	30
Ethyl acrylate	-11.4 7.3	-7.3	-3.9	2.4	4.0	9.0	50 30	30	30	30	30	30
Methylcyclohexane	22.7 1.4	-30.0	0.3	6.7	6.9	-8.0	50 30	30	30	30	30	30
1,2-Dichloropropane	-15.4 5.1	-9.0	-0.5	6.5	6.8	6.4	50 30	30	30	30	30	30
t-Amyl ethyl ether	-6.4 3.2	-11.2	1.7	2.9	3.4	6.4	50 30	30	30	30	30	30
1,4-Dioxane	++++ 4.5	-6.8	14.9	-9.2	-8.9	5.5	30	50	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Dibromomethane	-2.9 0.3	-2.8	-3.8	1.3	3.7	4.2	50 30	30	30	30	30	30
Methyl methacrylate	-4.0 3.3	-11.2	0.3	-0.7	3.1	9.3	50 30	30	30	30	30	30
Bromodichloromethane	-16.3 7.5	-10.5	-2.1	2.0	8.9	10.6	50 30	30	30	30	30	30
2-Nitropropane	-14.6 9.8	-14.5	3.1	-5.1	6.4	14.9	50 30	30	30	30	30	30
2-Chloroethyl vinyl ether	-7.2 11.5	-16.3	-5.6	4.7	-0.2	13.1	50 30	30	30	30	30	30
cis-1,3-Dichloropropene	-23.0 11.2	-13.2	-0.4	4.0	9.1	12.4	50 30	30	30	30	30	30
4-Methyl-2-pentanone (MIBK)	-3.6 2.2	-2.1	-12.7	-1.4	-1.5	19.1	50 30	30	30	30	30	30
Toluene	-15.1 3.5	-12.4	2.6	7.9	8.2	5.3	50 30	30	30	30	30	30
trans-1,3-Dichloropropene	-8.2 4.9	-13.8	-0.4	3.1	5.4	8.9	50 30	30	30	30	30	30
Ethyl methacrylate	-11.3 -4.4	-6.4	9.4	1.8	2.7	8.3	50 30	30	30	30	30	30
1,1,2-Trichloroethane	-3.9 -3.1	-7.7	6.4	0.1	2.5	5.8	50 30	30	30	30	30	30
Tetrachloroethene	-29.5 6.9	-16.3	3.6	14.9	14.4	6.1	50 30	30	30	30	30	30
1,3-Dichloropropane	-10.1 0.8	-9.6	3.4	3.6	5.2	6.6	50 30	30	30	30	30	30
2-Hexanone	-2.1 -2.7	2.3	-10.5	-1.6	-1.1	15.7	50 30	30	30	30	30	30
Dibromochloromethane	-18.5 5.1	-14.9	5.2	3.7	6.6	12.8	50 30	30	30	30	30	30
1,2-Dibromoethane (EDB)	-6.9 -1.0	-5.1	1.3	1.0	4.5	6.2	50 30	30	30	30	30	30
1-Chlorohexane	-19.3 8.5	-25.0	3.3	13.5	16.5	2.4	50 30	30	30	30	30	30
Chlorobenzene	-19.5 5.2	-10.9	3.0	6.5	8.4	7.2	50 30	30	30	30	30	30
1,1,1,2-Tetrachloroethane	-20.1 2.6	-12.3	5.2	6.5	7.9	10.2	50 30	30	30	30	30	30
Ethylbenzene	-21.9 5.7	-16.0	6.0	9.4	10.5	6.4	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
m&p-Xylene	-28.8 7.6	-14.7	4.9	10.2	12.4	8.5	50 30	30	30	30	30	30
n-Butyl acrylate	-5.5 -3.3	0.9	-2.1	5.4	3.2	1.5	50 30	30	30	30	30	30
o-Xylene	-28.6 5.4	-13.1	7.1	10.2	11.0	8.0	50 30	30	30	30	30	30
Styrene	-25.9 6.9	-12.7	5.7	8.2	8.6	9.3	50 30	30	30	30	30	30
Bromoform	-17.4 6.0	-12.3	5.3	-2.1	5.7	14.8	50 30	30	30	30	30	30
Isopropylbenzene	++++ 4.1	-27.4	2.4	7.5	9.5	4.0	30	50	30	30	30	30
Cyclohexanone	53.1 * -15.5	48.6 *	-22.2	-23.1	-22.5	-18.5	50 30	30	30	30	30	30
Bromobenzene	-14.6 6.6	-17.0	2.8	3.2	8.4	10.7	50 30	30	30	30	30	30
1,1,2,2-Tetrachloroethane	-6.2 -2.2	-12.3	8.6	-0.3	1.5	10.8	50 30	30	30	30	30	30
trans-1,4-Dichloro-2-butene	-17.0 0.4	-10.6	10.0	1.0	4.6	11.6	50 30	30	30	30	30	30
1,2,3-Trichloropropane	-11.7 -4.3	-7.6	14.9	-1.4	2.3	7.9	50 30	30	30	30	30	30
N-Propylbenzene	++++ 6.4	-31.4	1.3	7.2	11.0	5.6	30	50	30	30	30	30
2-Chlorotoluene	-29.3 7.8	-16.3	6.0	8.9	12.1	10.8	50 30	30	30	30	30	30
1,3,5-Trimethylbenzene	++++ 10.1	-33.7	0.0	6.0	9.8	7.8	30	50	30	30	30	30
4-Chlorotoluene	-28.1 10.4	-18.9	4.3	8.6	12.6	11.1	50 30	30	30	30	30	30
tert-Butylbenzene	++++ 13.1	-37.1	-4.5	7.8	13.1	7.6	30	50	30	30	30	30
1,2,4-Trimethylbenzene	-31.3 12.9	-25.9	5.0	11.0	15.3	13.0	50 30	30	30	30	30	30
sec-Butylbenzene	++++ 12.5	-39.9	0.1	6.8	13.9	6.6	30	50	30	30	30	30
1,3-Dichlorobenzene	-26.5 7.5	-19.0	8.7	6.6	11.1	11.6	50 30	30	30	30	30	30
p-Isopropyltoluene	++++ 11.4	-36.9	-0.6	6.6	13.0	6.5	30	50	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
1,4-Dichlorobenzene	-17.9 5.8	-19.9	8.1	5.1	9.2	9.6	50 30	30	30	30	30	30
1,2,3-Trimethylbenzene	++++ 8.0	-30.1	0.8	4.8	8.4	8.1	30	50	30	30	30	30
Benzyl chloride	-24.3 4.8	-17.9	9.4	3.5	7.8	16.7	50 30	30	30	30	30	30
1,3-Diethylbenzene	++++ 9.6	-37.5	0.6	7.5	13.2	6.5	30	50	30	30	30	30
1,4-Diethylbenzene	++++ 8.2	-35.9	2.9	7.3	12.2	5.3	30	50	30	30	30	30
n-Butylbenzene	++++ 9.3	-38.0	2.6	9.2	13.2	3.7	30	50	30	30	30	30
1,2-Dichlorobenzene	-22.2 5.7	-19.7	9.3	5.0	10.4	11.6	50 30	30	30	30	30	30
1,2-Diethylbenzene	++++ 10.9	-36.8	-0.5	6.5	12.2	7.7	30	50	30	30	30	30
1,2-Dibromo-3-Chloropropane	-16.1 -2.9	-7.6	10.0	4.0	1.6	10.9	50 30	30	30	30	30	30
1,3,5-Trichlorobenzene	-28.8 8.3	-28.4	10.5	12.9	16.1	9.3	50 30	30	30	30	30	30
1,2,4-Trichlorobenzene	-21.1 4.8	-23.0	6.7	12.2	12.5	8.0	50 30	30	30	30	30	30
2-Ethylhexyl acrylate	-16.6 4.7	-12.8	-5.7	9.5	10.6	10.3	50 30	30	30	30	30	30
Hexachlorobutadiene	19.2 -0.1	-29.7	2.1	4.3	8.0	-3.8	50 30	30	30	30	30	30
Naphthalene	-23.0 1.9	-16.6	10.1	10.0	6.2	11.5	50 30	30	30	30	30	30
1,2,3-Trichlorobenzene	-21.5 4.1	-25.1	8.1	13.8	10.7	10.0	50 30	30	30	30	30	30
2-Methylnaphthalene	-31.5 7.4	-27.3	7.9	16.4	12.6	14.5	50 30	30	30	30	30	30
Dibromofluoromethane (Surr)	2.9 -3.4	1.2	0.4	0.3	-1.1	-0.2	50 30	30	30	30	30	30
1,2-Dichloroethane-d4 (Surr)	2.6 -2.3	1.1	0.5	-0.4	-0.6	-0.9	50 30	30	30	30	30	30
Toluene-d8 (Surr)	1.4 -2.3	1.4	0.2	0.8	0.5	-2.0	50 30	30	30	30	30	30
4-Bromofluorobenzene (Surr)	1.8 -1.5	2.4	0.2	-0.6	0.3	-2.6	50 30	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X11.D
 Lims ID: IC v1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 11-Aug-2025 18:58:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-012
 Misc. Info.: IC V1
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub89
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:06:10 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 23:03:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.573	1.579	-0.006	33	9351	1.00	0.8565	
4 Chloromethane	50	1.750	1.750	0.000	99	10419	1.00	1.00	
6 Vinyl chloride	62	1.842	1.841	0.001	96	8681	1.00	0.9506	
5 Butadiene	39	1.866	1.866	0.000	85	10120	1.00	1.13	M
9 Bromomethane	94	2.122	2.128	-0.006	91	5617	1.00	0.9294	
10 Chloroethane	64	2.153	2.152	0.001	38	4010	1.00	0.9130	
11 Dichlorofluoromethane	67	2.396	2.396	0.000	95	13690	1.00	0.9870	
12 Pentane	43	2.390	2.402	-0.012	43	5984	1.00	0.8017	M
13 Trichlorofluoromethane	101	2.433	2.439	-0.006	89	10483	1.00	0.9198	
15 Ethyl ether	59	2.585	2.579	0.006	87	3815	1.00	0.9664	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	2.677	2.683	-0.006	41	6486	1.00	0.9480	
17 Acrolein	56	2.720	2.725	-0.005	98	18544	9.76	10.2	
18 1,1-Dichloroethene	96	2.835	2.835	0.000	87	3506	1.00	0.7758	
19 Acetone	58	2.890	2.866	0.024	98	1912	2.00	2.32	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.896	2.884	0.012	50	2543	1.00	0.4898	
21 Iodomethane	142	3.012	3.018	-0.006	73	8412	1.00	0.8479	
22 Isopropyl alcohol	45	3.073	3.024	0.049	6	4222	5.00	5.81	M
23 Carbon disulfide	76	3.085	3.152	-0.067	56	12513	1.00	0.7815	M
25 Methyl acetate	43	3.189	3.201	-0.012	64	8235	1.00	1.23	
26 3-Chloro-1-propene	41	3.213	3.219	-0.006	79	7080	1.00	0.8985	
28 Methylene Chloride	84	3.396	3.384	0.012	9	5010	1.00	0.9232	M
* 29 t-Butyl alcohol-d10 (IS)	65	3.445	3.439	0.006	42	363713	250.0	250.0	M
30 2-Methyl-2-propanol	59	3.494	3.518	-0.024	28	6982	5.00	5.02	
31 Acrylonitrile	53	3.658	3.652	0.006	70	8059	2.50	2.52	
32 trans-1,2-Dichloroethene	96	3.707	3.713	-0.006	95	4296	1.00	0.8605	
33 Methyl tert-butyl ether	73	3.701	3.713	-0.012	93	15968	1.00	0.99	
34 Hexane	57	4.091	4.091	0.000	20	2113	1.00	1.35	
36 1,1-Dichloroethane	63	4.299	4.323	-0.024	90	7980	1.00	0.8740	M
38 Isopropyl ether	45	4.384	4.390	-0.006	53	14344	1.00	0.9178	M
39 2-Chloro-1,3-butadiene	53	4.420	4.439	-0.019	93	6233	1.00	0.7879	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 Tert-butyl ethyl ether	59	4.963	4.963	0.000	92	13249	1.00	0.8715	
42 2-Butanone (MEK)	43	5.207	5.194	0.013	88	11991	2.00	2.42	
43 cis-1,2-Dichloroethene	96	5.189	5.207	-0.018	24	4798	1.00	0.8647	M
44 2,2-Dichloropropane	77	5.225	5.231	-0.006	54	6630	1.00	0.8290	
45 Propionitrile	54	5.292	5.298	-0.006	89	7502	5.00	5.16	
46 Methyl acrylate	55	5.329	5.329	0.000	30	7877	1.00	1.05	M
47 Methacrylonitrile	67	5.506	5.511	-0.005	88	7142	2.50	2.29	M
48 Chlorobromomethane	128	5.554	5.554	0.000	70	2503	1.00	0.8831	
49 Tetrahydrofuran	71	5.585	5.572	0.013	77	6837	5.00	5.22	
50 Chloroform	83	5.725	5.725	0.000	55	8715	1.00	0.9258	
52 1,1,1-Trichloroethane	97	5.932	5.944	-0.012	46	5816	1.00	0.7095	
\$ 51 Dibromofluoromethane (Surr)	113	5.951	5.950	0.001	94	285612	50.0	51.4	
53 Cyclohexane	56	6.018	6.042	-0.024	55	4012	1.00	0.4784	M
S 54 1,2-Dichloroethene, Total	100				0			1.73	
55 Carbon tetrachloride	117	6.170	6.164	0.006	79	5484	1.00	0.7629	
56 1,1-Dichloropropene	75	6.176	6.170	0.006	90	5385	1.00	0.7653	
57 Isobutyl alcohol	41	6.396	6.402	-0.006	32	6967	12.5	14.0	M
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.420	6.426	-0.006	75	61880	50.0	51.3	
59 Benzene	78	6.444	6.444	0.000	90	17379	1.00	0.8315	
60 1,2-Dichloroethane	62	6.530	6.536	-0.006	93	7491	1.00	0.9719	
62 Tert-amyl methyl ether	73	6.658	6.664	-0.006	96	13997	1.00	0.9293	
* 63 Fluorobenzene (IS)	96	6.877	6.877	0.000	99	1034825	50.0	50.0	
64 n-Heptane	43	6.908	6.908	0.000	36	3127	1.00	2.00	M
65 n-Butanol	56	7.322	7.328	-0.006	22	3245	12.5	10.2	
66 Trichloroethene	95	7.377	7.377	0.000	96	3955	1.00	0.7332	
67 Ethyl acrylate	55	7.536	7.535	0.001	96	7132	1.00	0.8862	
68 Methylcyclohexane	83	7.682	7.688	-0.006	22	2613	1.00	1.23	
69 1,2-Dichloropropane	63	7.725	7.731	-0.006	66	4434	1.00	0.8463	
70 2-ethoxy-2-methyl butane	87	7.755	7.755	0.000	92	6682	1.00	0.9362	
72 1,4-Dioxane	88		7.834				ND	ND	
73 Dibromomethane	93	7.841	7.840	0.001	74	3482	1.00	0.9713	
74 Methyl methacrylate	69	7.859	7.846	0.013	87	4324	1.00	0.9600	
76 Dichlorobromomethane	83	8.097	8.102	-0.005	96	5806	1.00	0.8366	
77 2-Nitropropane	41	8.395	8.401	-0.006	98	11229	5.00	4.27	
78 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	85	3527	1.00	0.9277	
79 cis-1,3-Dichloropropene	75	8.688	8.688	0.000	87	6315	1.00	0.7699	
83 4-Methyl-2-pentanone (MIBK)	43	8.901	8.901	0.000	96	18260	2.00	1.93	
\$ 84 Toluene-d8 (Surr)	98	9.023	9.029	-0.006	94	983756	50.0	50.7	
85 Toluene	92	9.115	9.114	0.001	97	10641	1.00	0.8490	
86 trans-1,3-Dichloropropene	75	9.432	9.438	-0.006	91	6740	1.00	0.9177	
87 Ethyl methacrylate	69	9.517	9.523	-0.006	87	6507	1.00	0.8869	
88 1,1,2-Trichloroethane	97	9.663	9.663	0.000	87	4384	1.00	0.9607	
89 Tetrachloroethene	166	9.730	9.736	-0.006	92	3892	1.00	0.7050	
91 1,3-Dichloropropane	76	9.840	9.840	0.000	93	6373	1.00	0.8989	
92 2-Hexanone	43	9.913	9.913	0.000	97	12788	2.00	1.96	
S 98 1,3-Dichloropropene, Total	100				0			1.69	
100 Chlorodibromomethane	129	10.060	10.072	-0.012	87	4419	1.00	0.8151	
101 Ethylene Dibromide	107	10.182	10.181	0.001	91	4535	1.00	0.9306	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	86	733951	50.0	50.0	
130 Chlorobenzene	112	10.688	10.687	0.001	95	11111	1.00	0.8054	
129 1-Chlorohexane	91	10.681	10.687	-0.006	50	4706	1.00	0.8068	
131 1,1,1,2-Tetrachloroethane	131	10.785	10.779	0.006	46	4287	1.00	0.7992	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
132 Ethylbenzene	91	10.785	10.785	0.000	98	18956	1.00	0.7806	
133 m-Xylene & p-Xylene	106	10.907	10.913	-0.006	99	13205	2.00	1.42	
134 n-Butyl acrylate	55	11.230	11.230	0.000	95	10345	1.00	0.9453	
S 135 Xylenes, Total	106				0			2.14	
136 o-Xylene	106	11.261	11.260	0.001	96	6782	1.00	0.7143	
137 Styrene	104	11.279	11.279	0.000	93	11409	1.00	0.7410	
138 Bromoform	173	11.444	11.437	0.007	93	3539	1.00	0.8259	
139 Isopropylbenzene	105	11.584	11.583	0.001	96	15308	1.00	0.6069	
141 Cyclohexanone	55	11.657	11.657	0.000	95	31930	50.0	76.6	
\$ 143 4-Bromofluorobenzene (Surr)	95	11.730	11.730	0.000	94	362140	50.0	50.9	
144 Bromobenzene	156	11.846	11.846	0.000	85	5582	1.00	0.8537	
145 1,1,2,2-Tetrachloroethane	83	11.852	11.852	0.000	92	8241	1.00	0.9375	
146 trans-1,4-Dichloro-2-butene	53	11.882	11.882	0.000	86	5370	2.50	2.08	
147 1,2,3-Trichloropropane	110	11.895	11.894	0.001	86	2225	1.00	0.8832	
148 N-Propylbenzene	91	11.931	11.931	0.000	98	18667	1.00	0.6292	
150 2-Chlorotoluene	126	12.004	12.004	0.000	96	4228	1.00	0.7066	
152 1,3,5-Trimethylbenzene	105	12.078	12.077	0.001	93	12318	1.00	0.5839	
153 4-Chlorotoluene	126	12.102	12.102	0.000	97	4174	1.00	0.7190	
154 tert-Butylbenzene	134	12.327	12.327	0.000	93	2335	1.00	0.6387	
156 1,2,4-Trimethylbenzene	105	12.370	12.376	-0.006	96	14325	1.00	0.6873	
158 sec-Butylbenzene	105	12.498	12.498	0.000	95	14249	1.00	0.5838	
159 1,3-Dichlorobenzene	146	12.596	12.595	0.001	92	8305	1.00	0.7353	
160 4-Isopropyltoluene	119	12.614	12.614	0.000	96	12773	1.00	0.5895	
* 163 1,4-Dichlorobenzene-d4	152	12.657	12.657	0.000	94	435478	50.0	50.0	
164 1,4-Dichlorobenzene	146	12.675	12.675	0.000	90	9508	1.00	0.8214	
165 1,2,3-Trimethylbenzene	105	12.687	12.687	0.000	93	13618	1.00	0.6209	
166 Benzyl chloride	91	12.760	12.754	0.006	98	12393	1.00	0.7570	
167 1,3-Diethylbenzene	119	12.827	12.827	0.000	96	7204	1.00	0.6174	
168 p-Diethylbenzene	119	12.901	12.900	0.001	92	7643	1.00	0.6096	
169 n-Butylbenzene	92	12.919	12.919	0.000	96	5963	1.00	0.6027	
171 1,2-Dichlorobenzene	146	12.937	12.943	-0.006	97	9026	1.00	0.7783	
172 o-diethylbenzene	119	12.968	12.973	-0.005	93	5989	1.00	0.5947	
173 1,2-Dibromo-3-Chloropropane	75	13.510	13.504	0.006	84	2036	1.00	0.8395	
175 1,3,5-Trichlorobenzene	180	13.632	13.632	0.000	97	5386	1.00	0.7117	
176 1,2,4-Trichlorobenzene	180	14.071	14.071	0.000	88	5923	1.00	0.7888	
177 2-Ethylhexyl acrylate	55	14.150	14.150	0.000	82	5648	1.00	0.8340	
178 Hexachlorobutadiene	225	14.156	14.156	0.000	59	1816	1.00	1.19	
179 Naphthalene	128	14.254	14.254	0.000	97	22327	1.00	0.7699	
180 1,2,3-Trichlorobenzene	180	14.400	14.400	0.000	95	5719	1.00	0.7845	
181 2-Methylnaphthalene	142	15.004	15.004	0.000	89	8670	1.00	0.6845	
S 213 Total Diethylbenzene	1				0			1.82	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_4ppbEE_00642

Amount Added: 12.50

Units: mL

MSV_Cent_ISSS_00041

Amount Added: 5.00

Units: uL

Run Reagent

Chrom Revision: 2.3 25-Jul-2025 13:52:40

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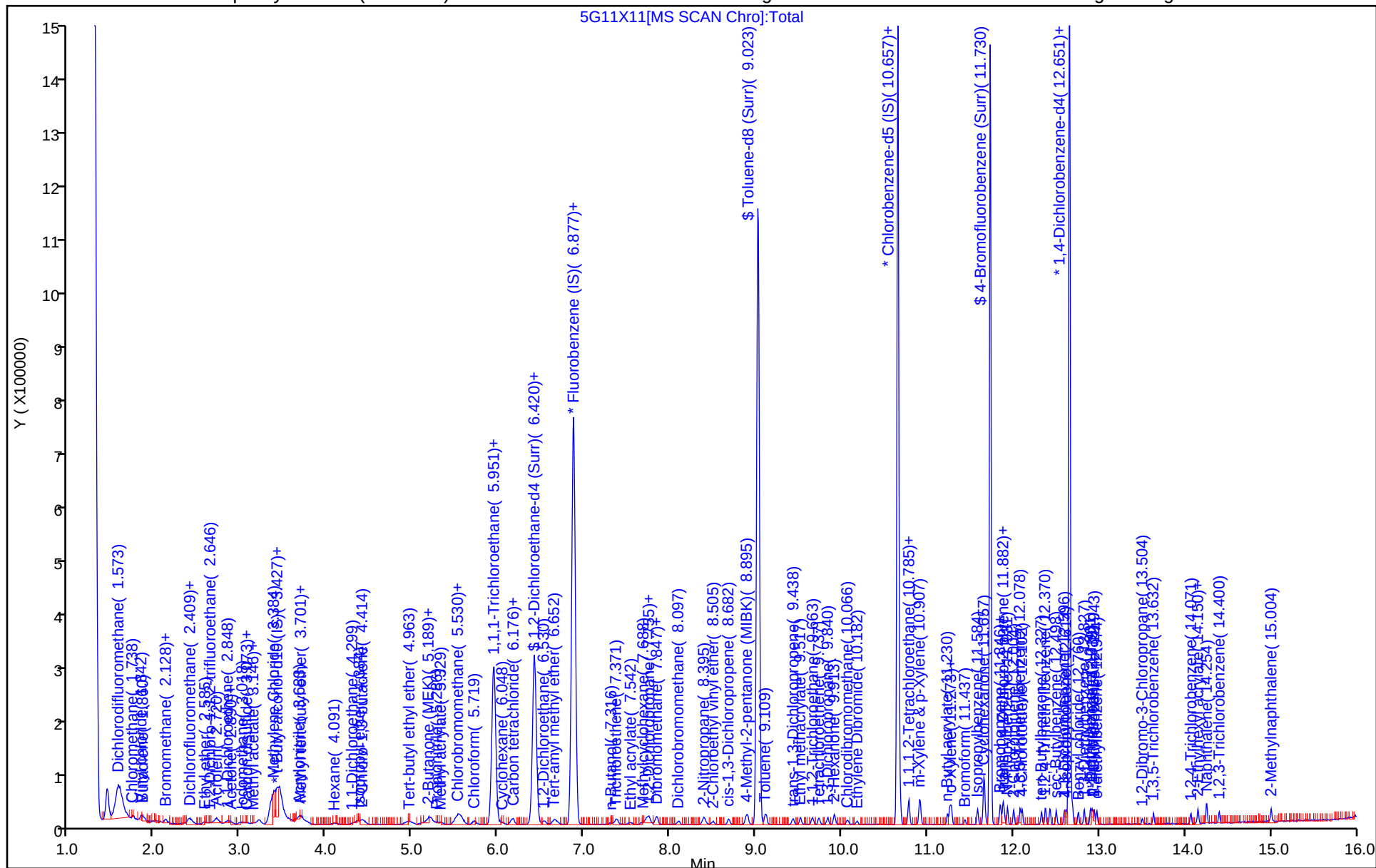
Operator ID: knk41612

Worklist Smp#: 12

ALS Bottle#: 11

Limit Group: MSV - 8260C D

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

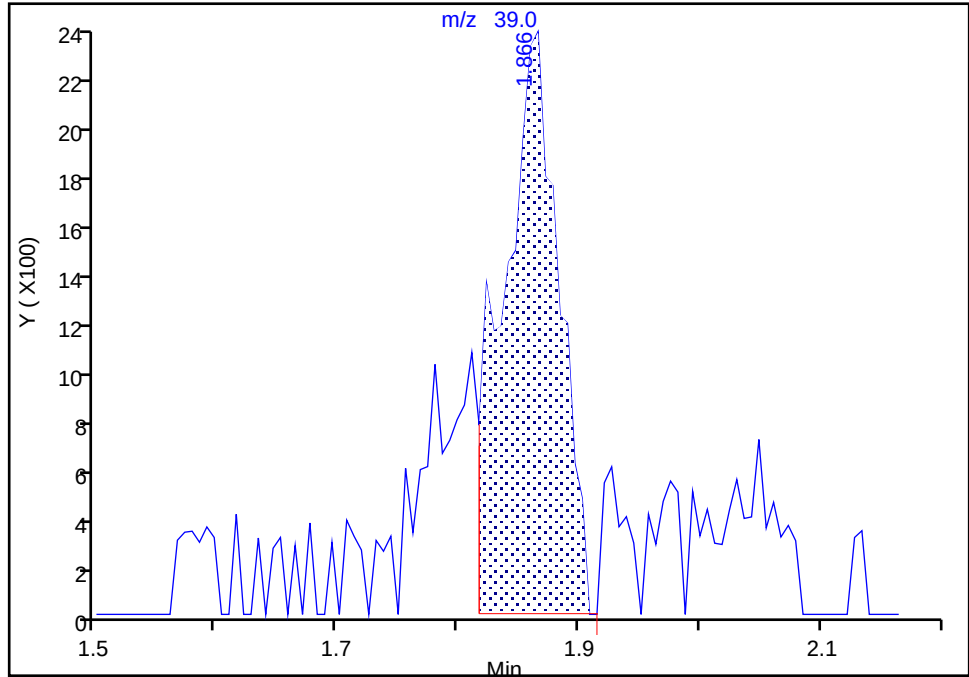
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Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

5 Butadiene, CAS: 106-99-0

Signal: 1

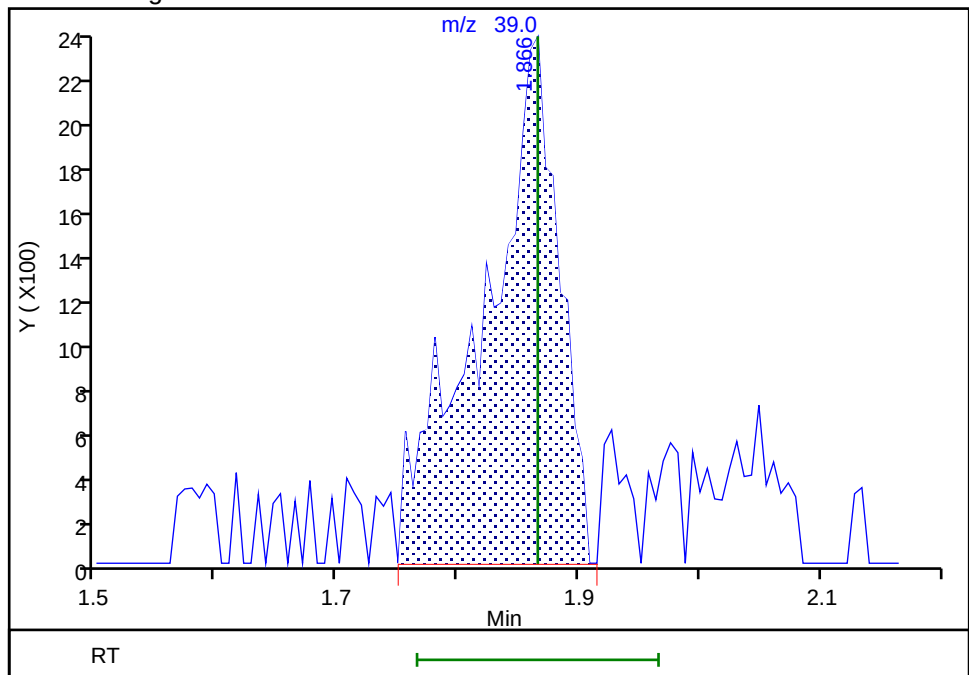
RT: 1.87
Area: 7533
Amount: 0.879763
Amount Units: ug/l

Processing Integration Results



RT: 1.87
Area: 10120
Amount: 1.132991
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:03:41 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

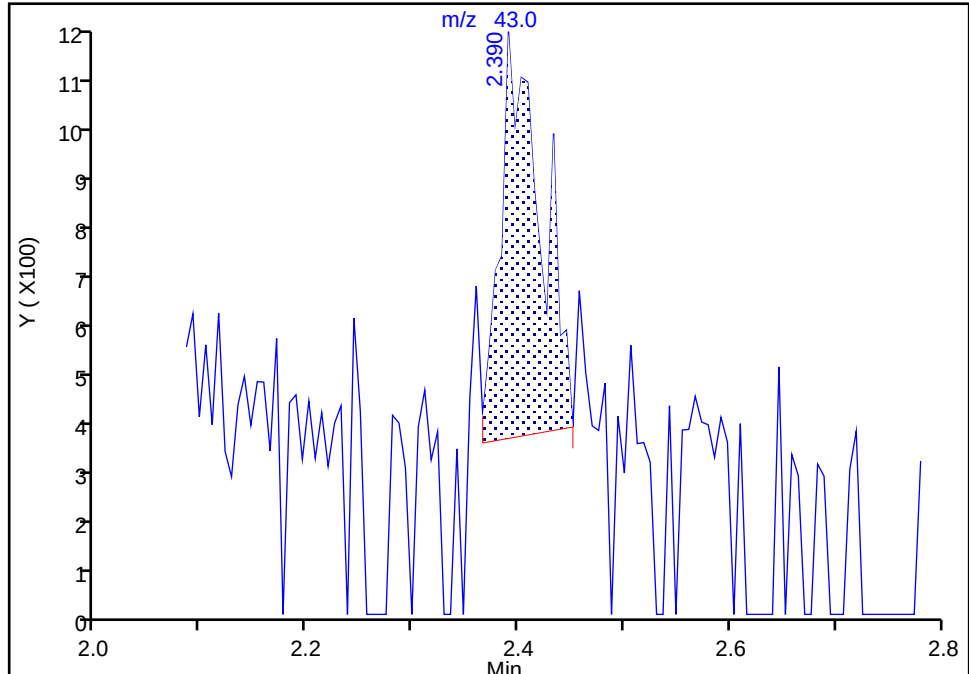
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Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

12 Pentane, CAS: 109-66-0

Signal: 1

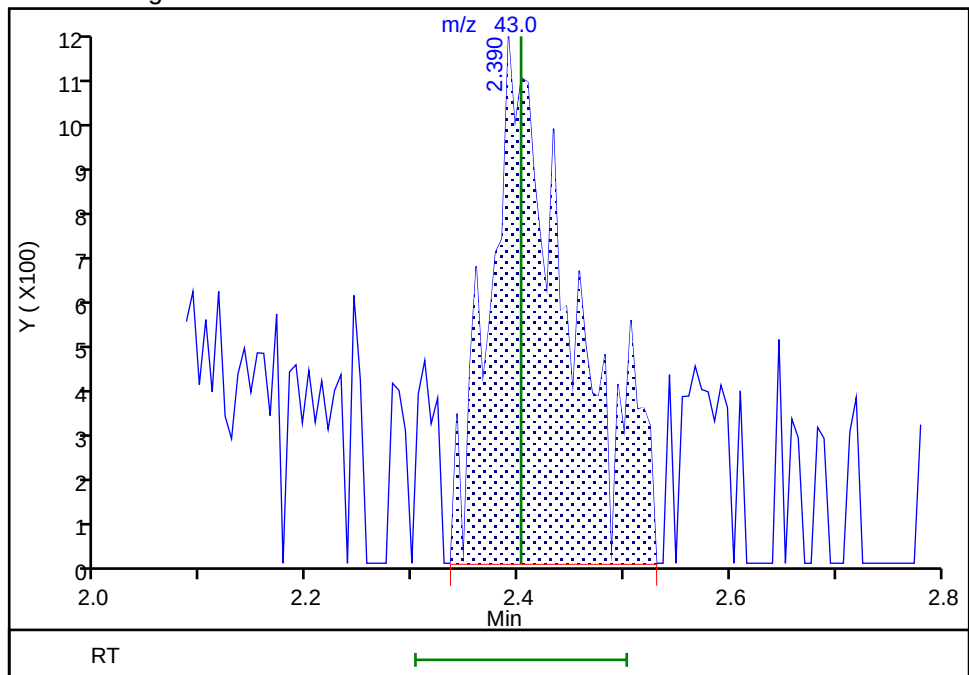
RT: 2.39
Area: 2034
Amount: 1.425728
Amount Units: ug/l

Processing Integration Results



RT: 2.39
Area: 5984
Amount: 0.801675
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:04:32 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

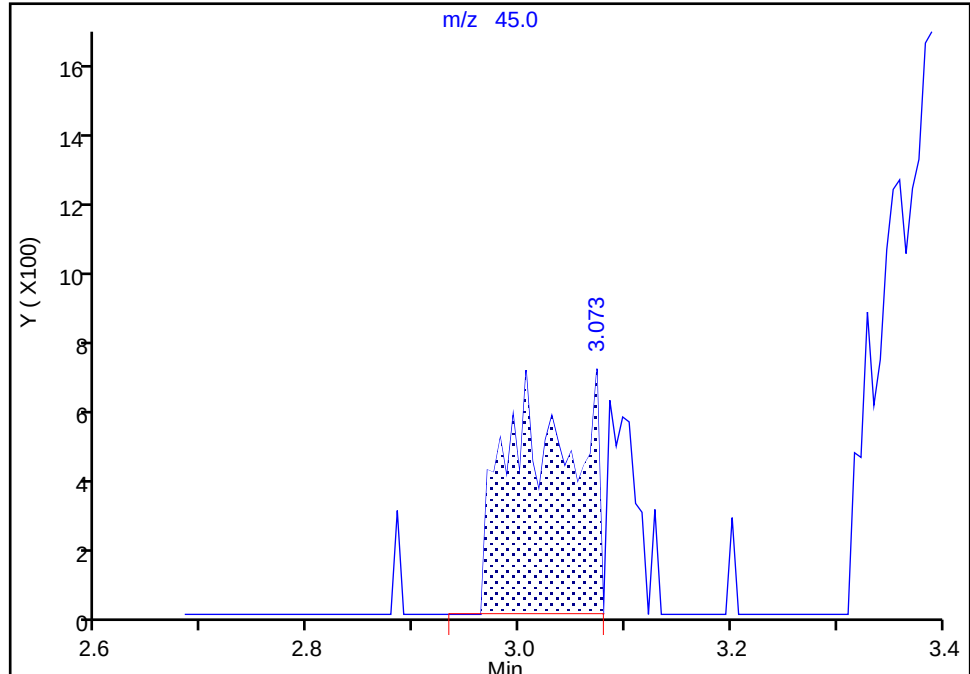
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Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

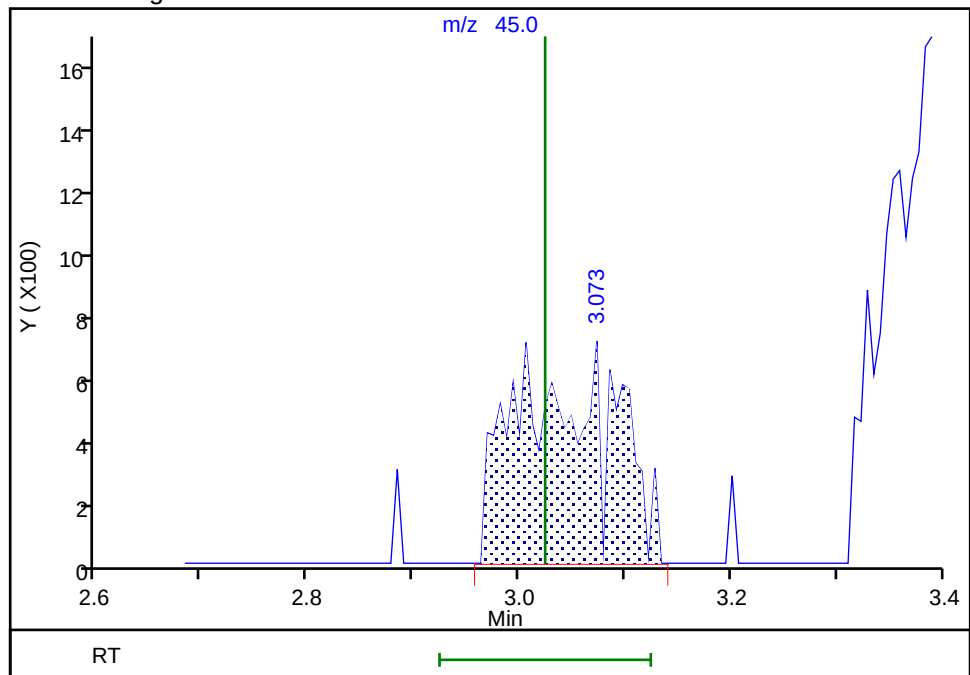
RT: 3.07
Area: 3097
Amount: 4.641553
Amount Units: ug/l

Processing Integration Results



RT: 3.07
Area: 4222
Amount: 5.813233
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:04:42 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

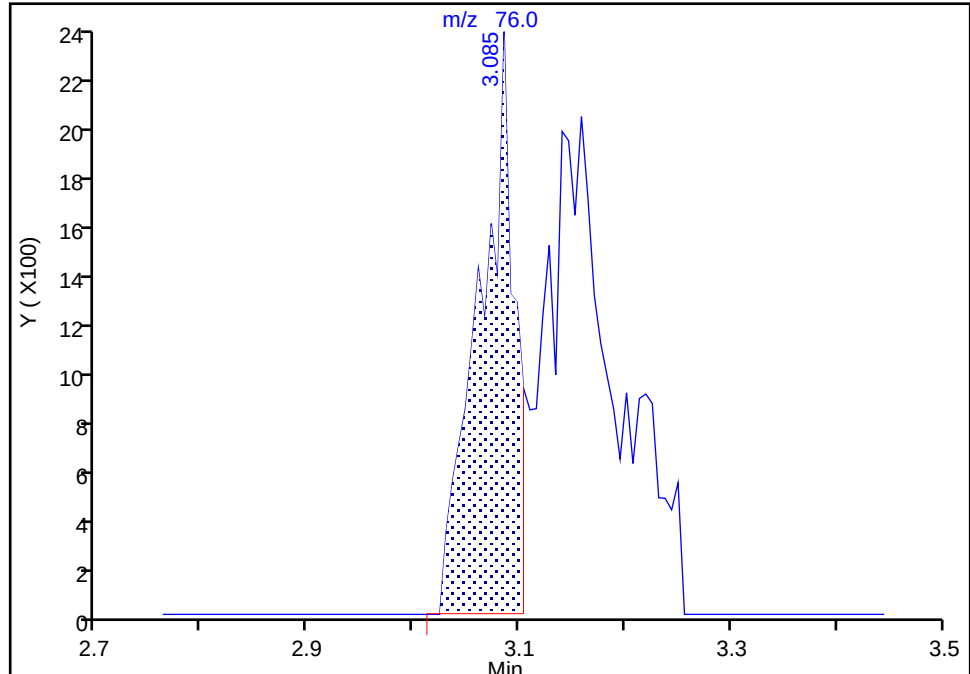
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Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

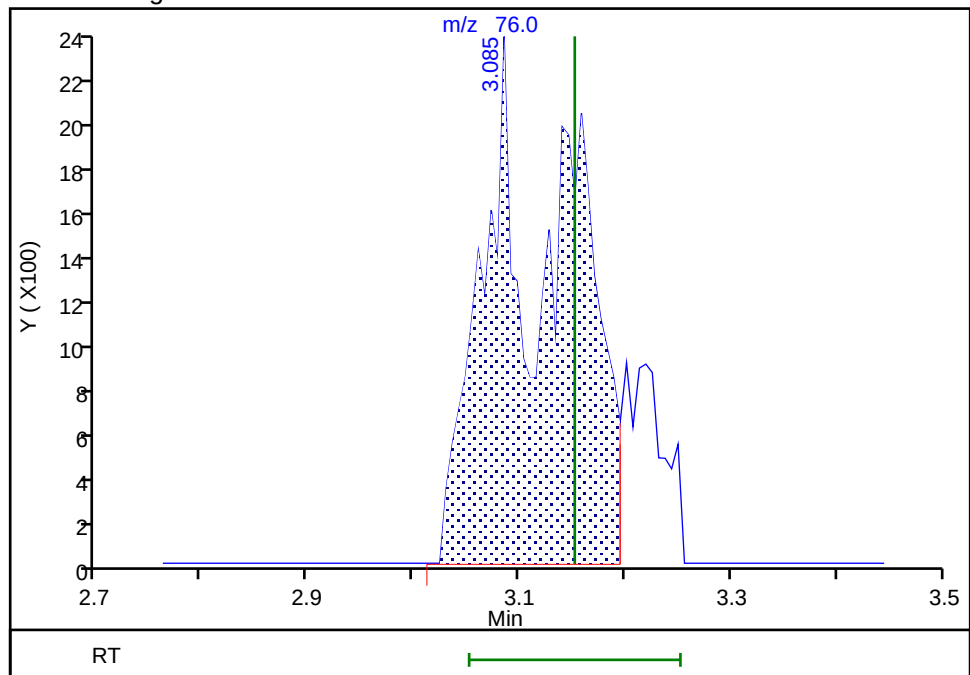
RT: 3.09
Area: 5440
Amount: 0.972854
Amount Units: ug/l

Processing Integration Results



RT: 3.09
Area: 12513
Amount: 0.781523
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:04:50 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

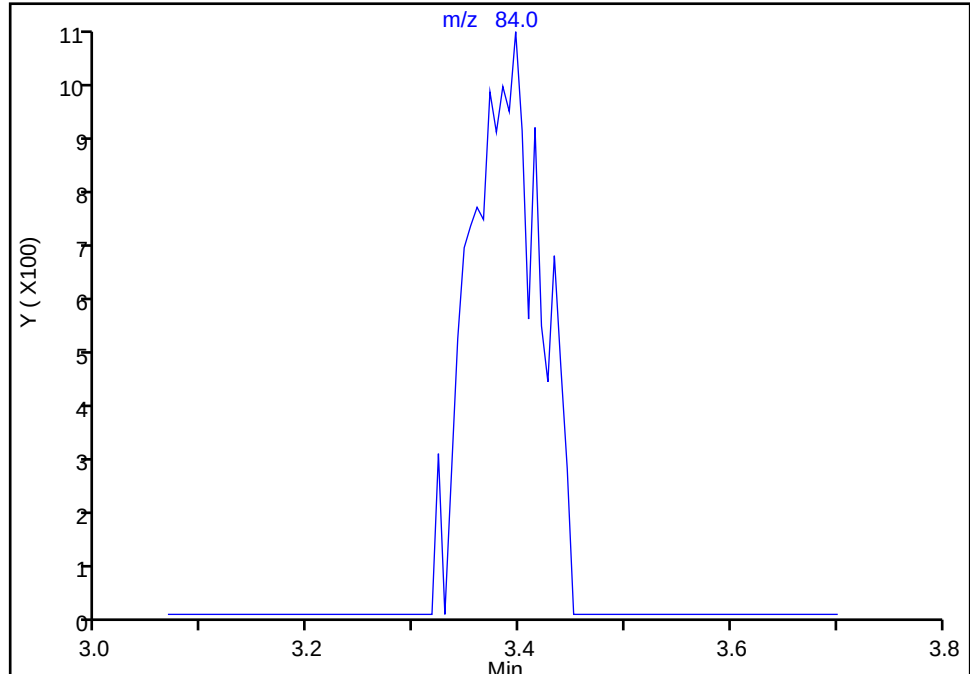
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Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

28 Methylene Chloride, CAS: 75-09-2

Signal: 1

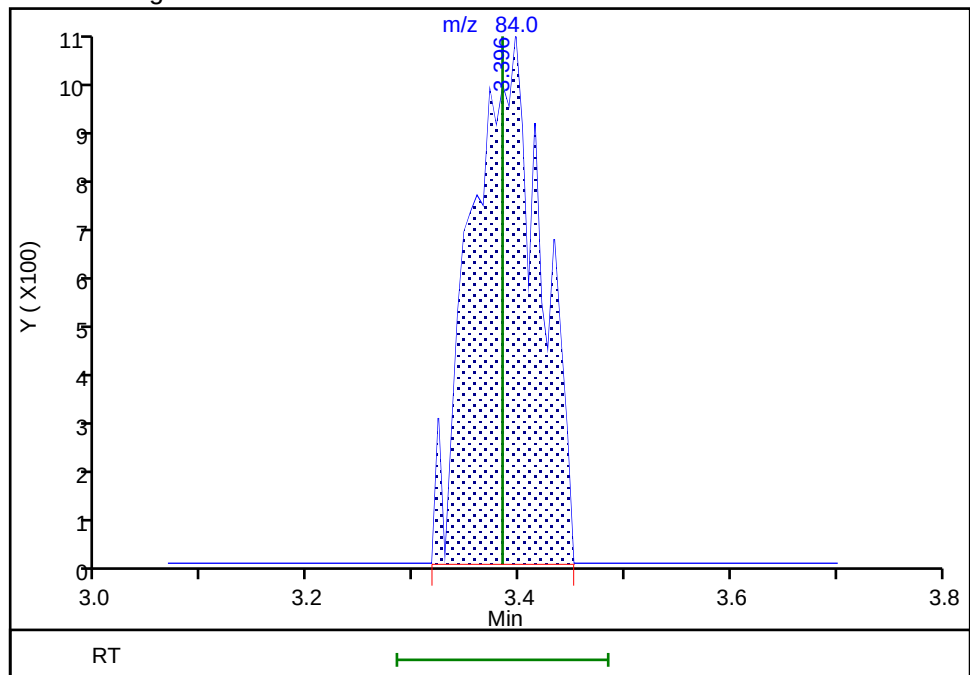
Not Detected
Expected RT: 3.38

Processing Integration Results



RT: 3.40
Area: 5010
Amount: 0.923174
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:05:03 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

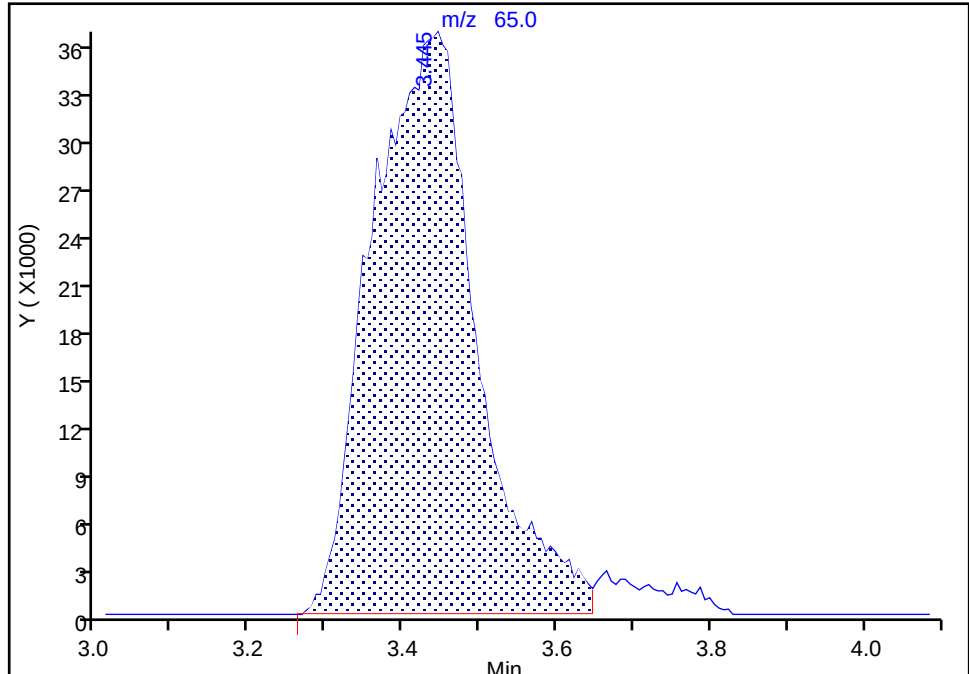
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Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 29 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

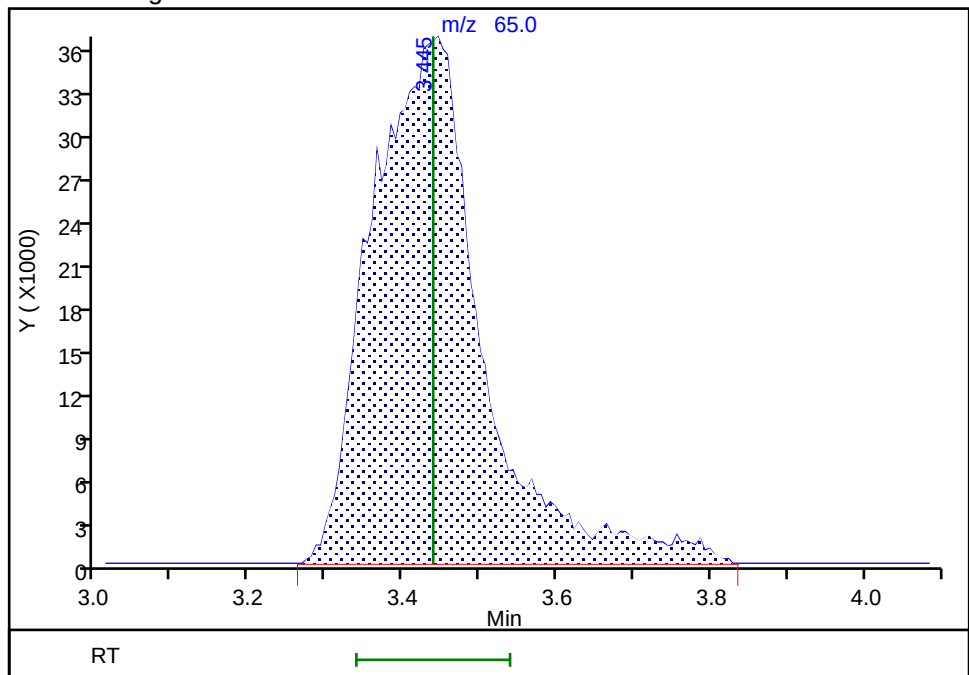
RT: 3.45
Area: 347560
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 3.45
Area: 363713
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:05:17 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

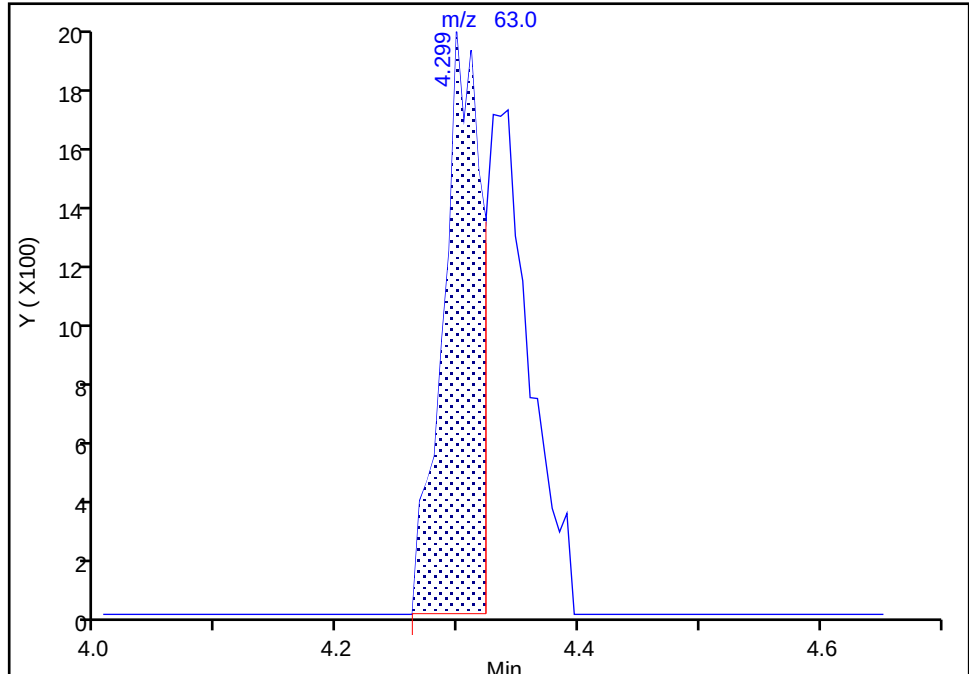
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Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

36 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

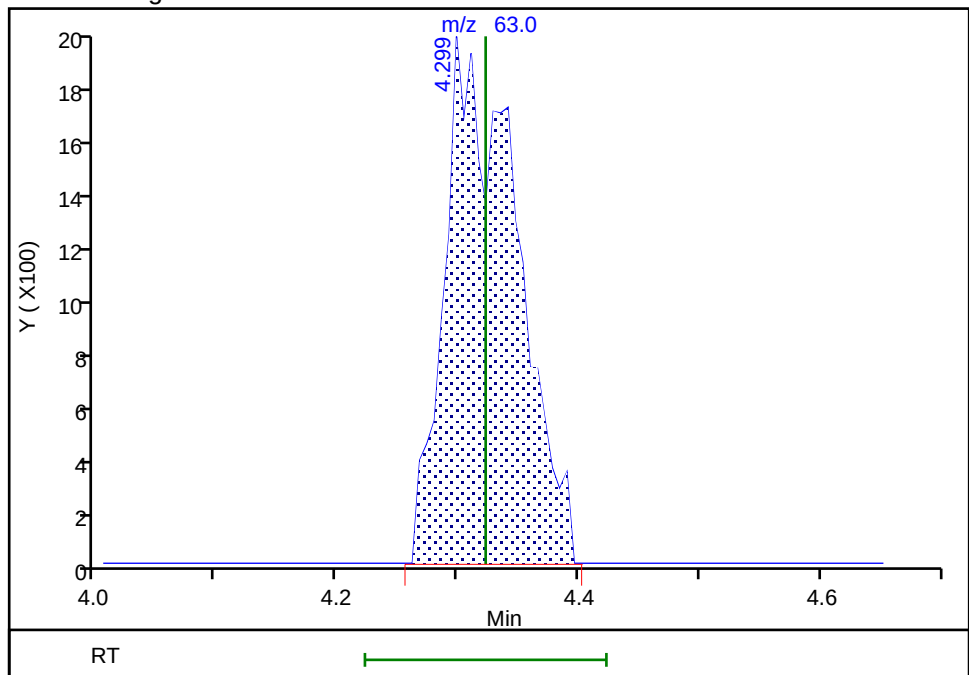
RT: 4.30
Area: 4245
Amount: 0.996405
Amount Units: ug/l

Processing Integration Results



RT: 4.30
Area: 7980
Amount: 0.874031
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:05:26 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

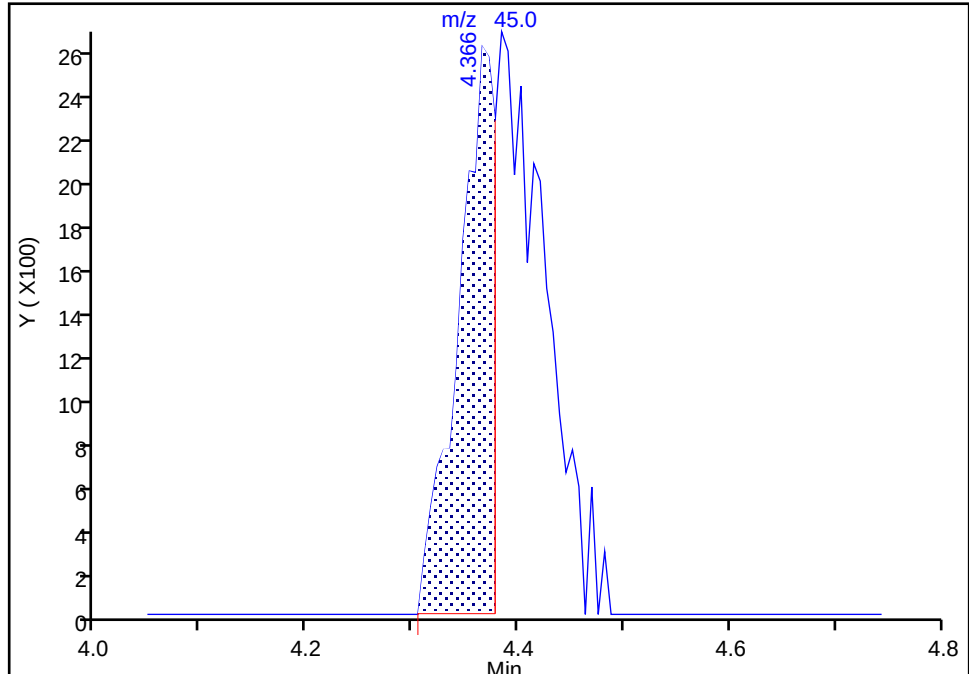
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Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

38 Isopropyl ether, CAS: 108-20-3

Signal: 1

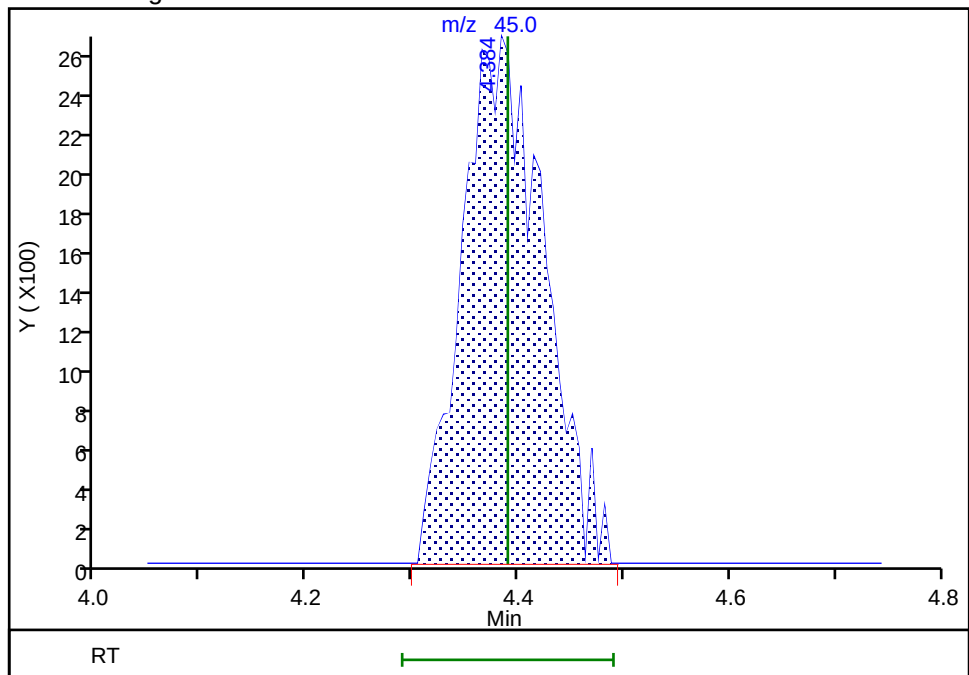
RT: 4.37
Area: 6324
Amount: 0.987918
Amount Units: ug/l

Processing Integration Results



RT: 4.38
Area: 14344
Amount: 0.917818
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:05:30 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

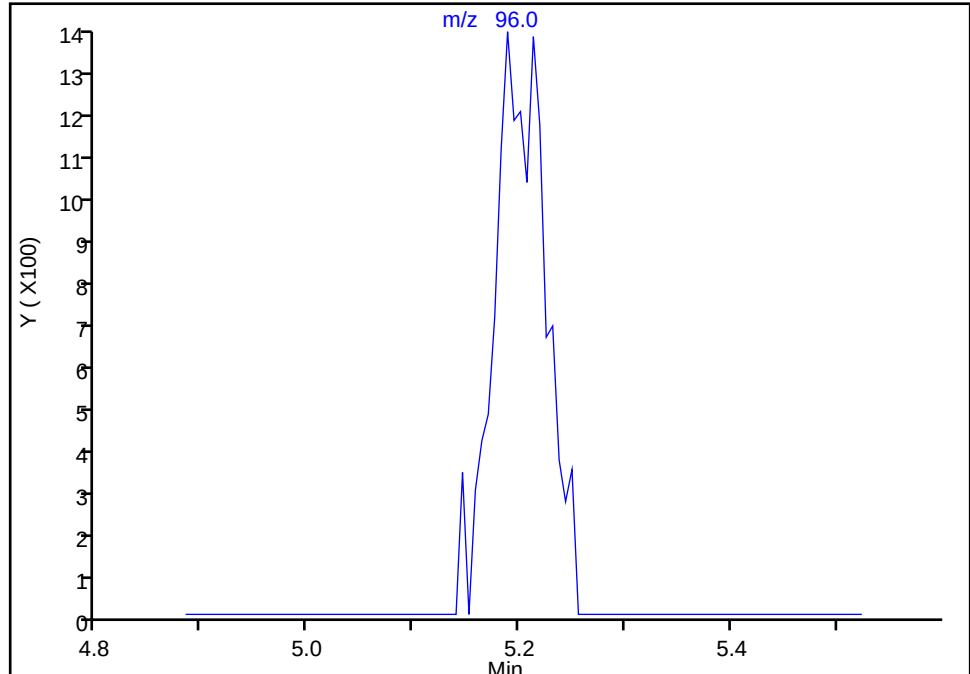
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X11.D
Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

43 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

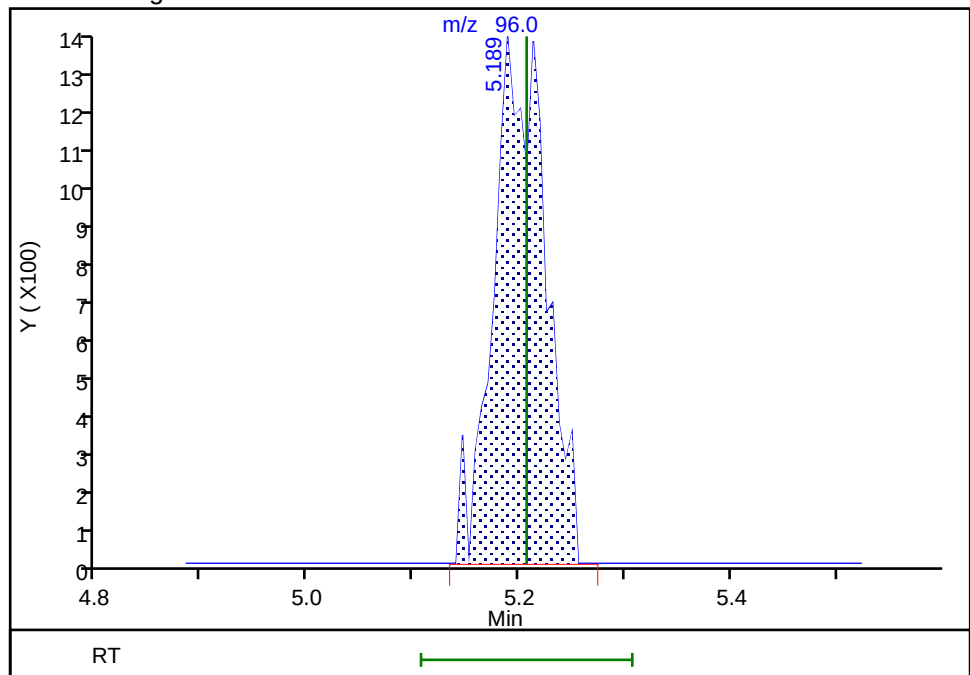
Not Detected
Expected RT: 5.21

Processing Integration Results



RT: 5.19
Area: 4798
Amount: 0.864691
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:05:37 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

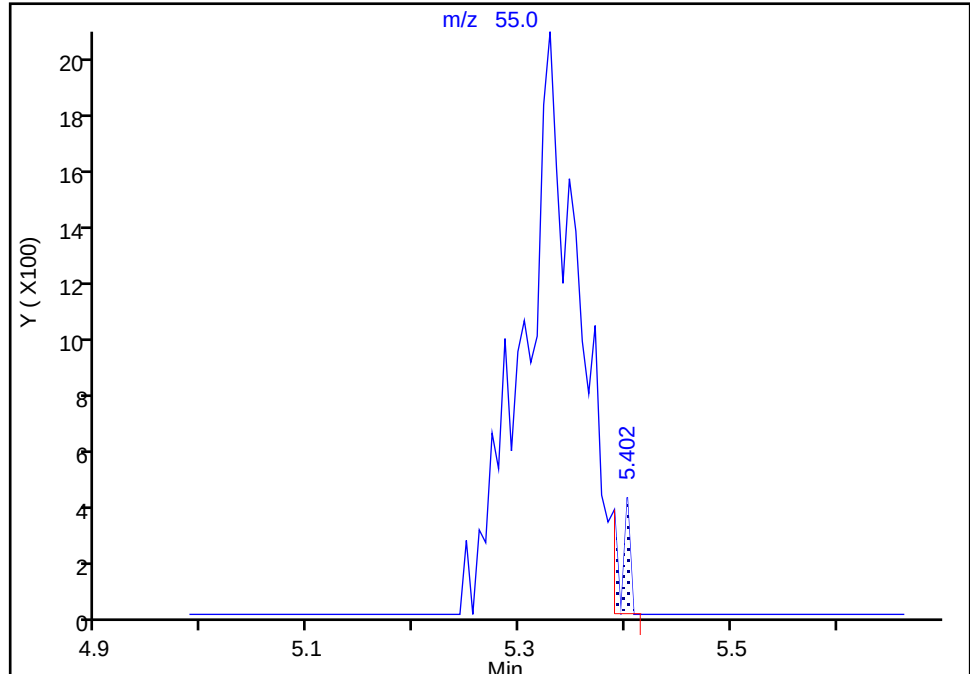
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X11.D
Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

46 Methyl acrylate, CAS: 96-33-3

Signal: 1

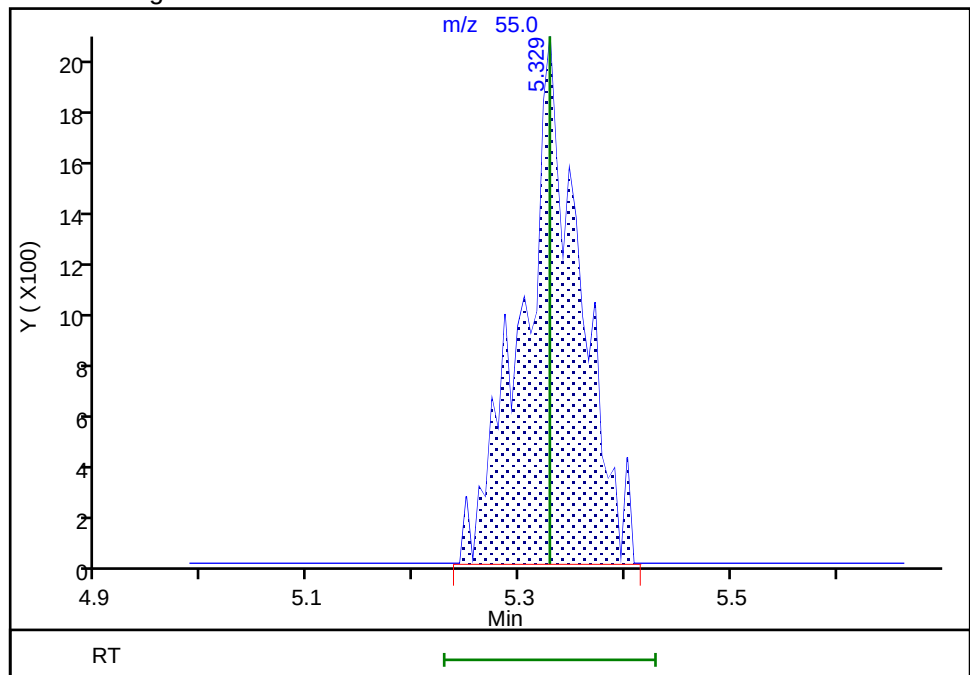
RT: 5.40
Area: 292
Amount: 0.971282
Amount Units: ug/l

Processing Integration Results



RT: 5.33
Area: 7877
Amount: 1.046513
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:05:45 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

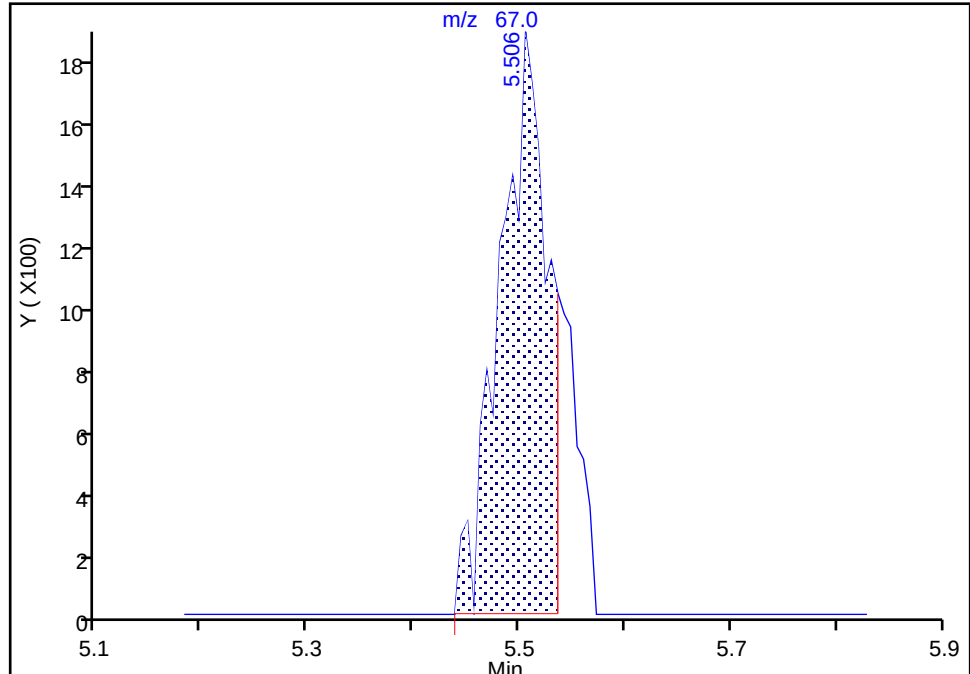
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X11.D
Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

47 Methacrylonitrile, CAS: 126-98-7

Signal: 1

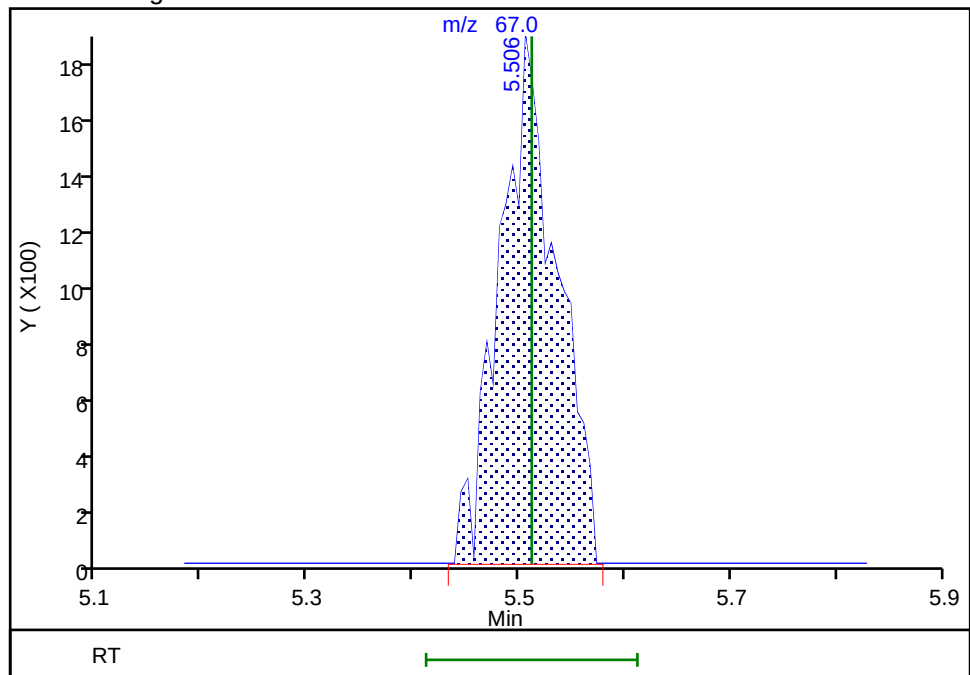
RT: 5.51
Area: 5931
Amount: 1.946473
Amount Units: ug/l

Processing Integration Results



RT: 5.51
Area: 7142
Amount: 2.291857
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:05:50 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

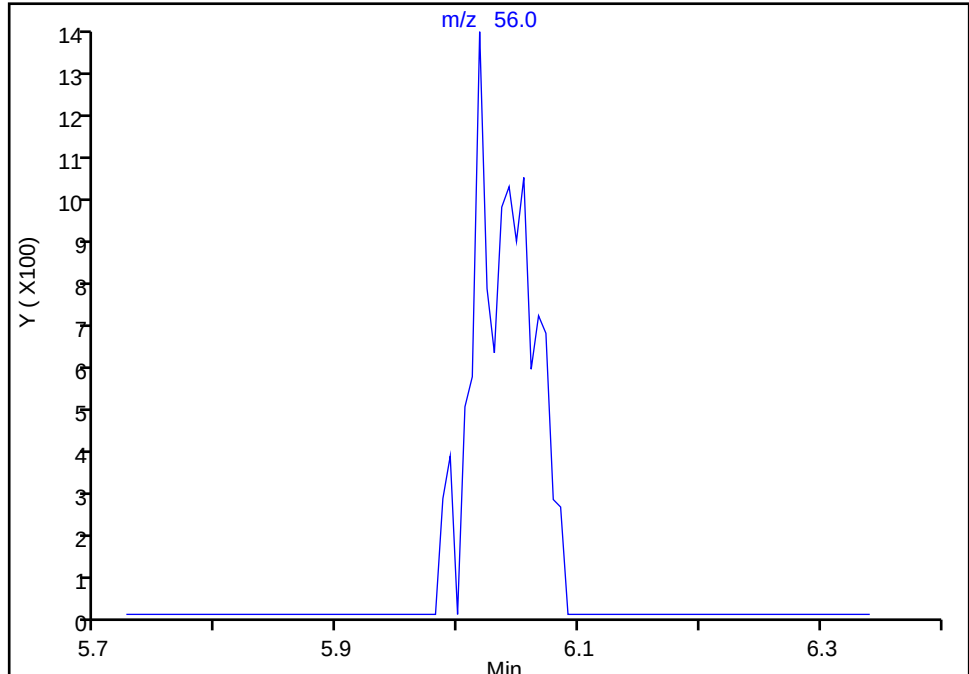
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X11.D
Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

53 Cyclohexane, CAS: 110-82-7

Signal: 1

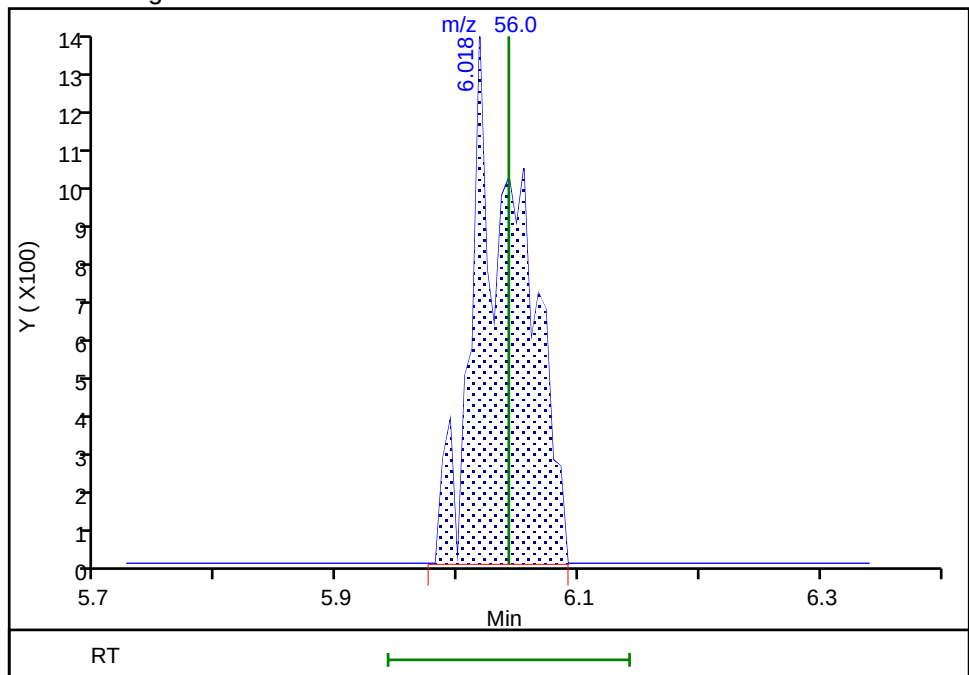
Not Detected
Expected RT: 6.04

Processing Integration Results



RT: 6.02
Area: 4012
Amount: 0.478411
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:05:59 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

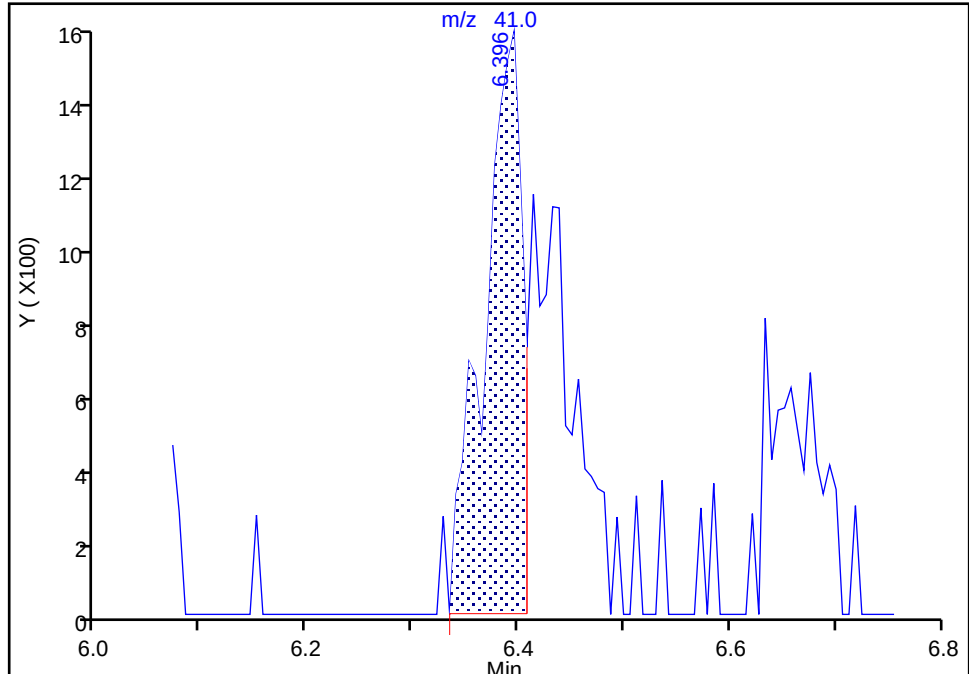
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X11.D
Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

57 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

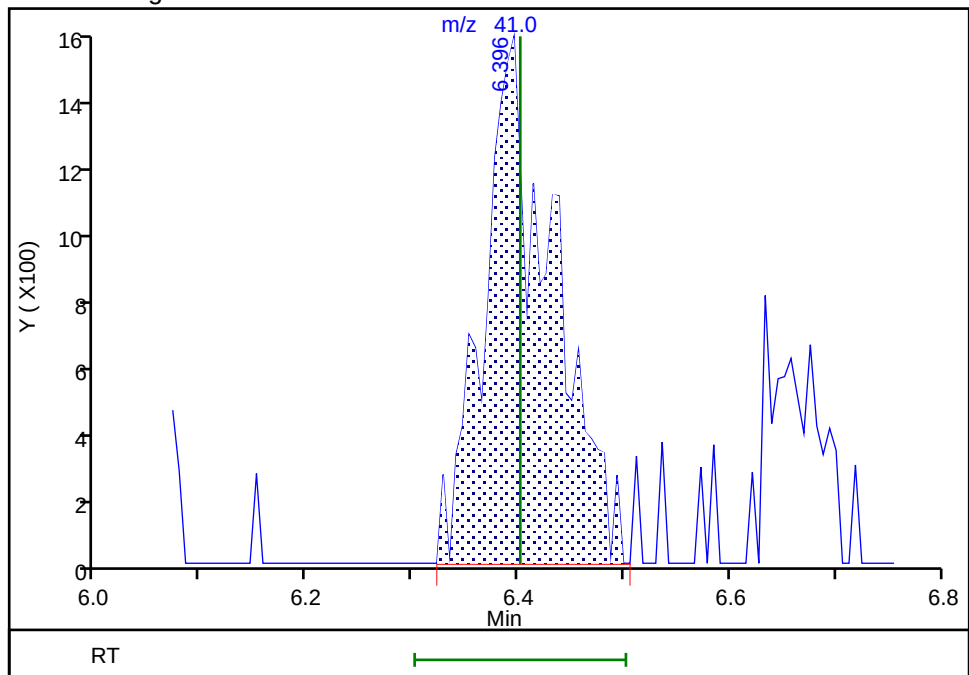
RT: 6.40
Area: 3886
Amount: 8.428910
Amount Units: ug/l

Processing Integration Results



RT: 6.40
Area: 6967
Amount: 14.039471
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:06:06 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

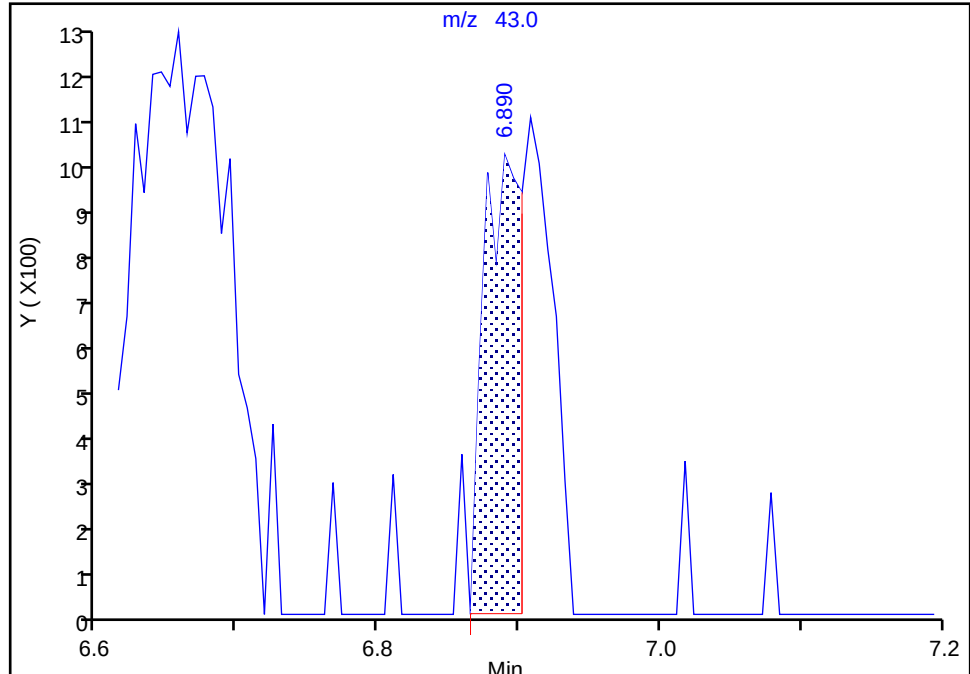
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X11.D
Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

64 n-Heptane, CAS: 142-82-5

Signal: 1

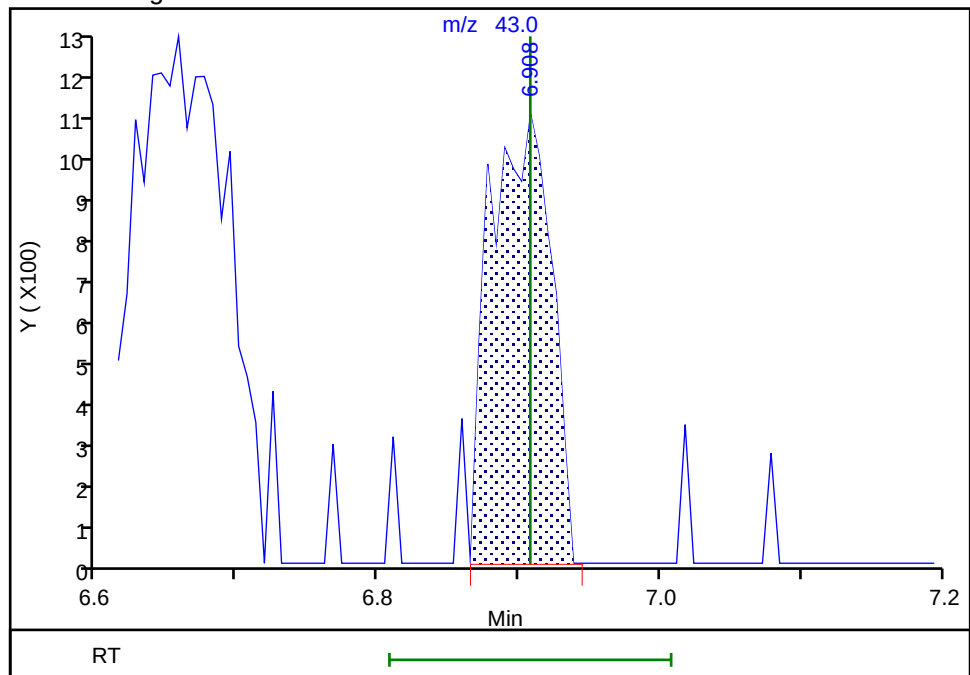
RT: 6.89
Area: 1795
Amount: 1.972697
Amount Units: ug/l

Processing Integration Results



RT: 6.91
Area: 3127
Amount: 2.000278
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:06:16 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X12.D
 Lims ID: IC v4
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 11-Aug-2025 19:19:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-013
 Misc. Info.: IC V4
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub89
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:06:18 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 23:03:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.586	1.579	0.007	41	46044	4.00	4.12	
4 Chloromethane	50	1.750	1.750	0.000	98	44399	4.00	4.18	
6 Vinyl chloride	62	1.848	1.841	0.007	98	38457	4.00	4.11	
5 Butadiene	39	1.872	1.866	0.006	97	38714	4.00	4.23	
9 Bromomethane	94	2.128	2.128	0.000	92	24401	4.00	3.94	
10 Chloroethane	64	2.159	2.152	0.007	76	18788	4.00	4.18	
11 Dichlorofluoromethane	67	2.396	2.396	0.000	97	58673	4.00	4.13	
12 Pentane	43	2.402	2.402	0.000	67	22380	4.00	2.93	M
13 Trichlorofluoromethane	101	2.439	2.439	0.000	98	48226	4.00	4.13	
15 Ethyl ether	59	2.579	2.579	0.000	93	16643	4.00	4.12	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	2.677	2.683	-0.006	91	28819	4.00	4.11	
17 Acrolein	56	2.732	2.725	0.007	99	75437	39.0	38.5	
18 1,1-Dichloroethene	96	2.841	2.835	0.006	94	15955	4.00	3.45	
19 Acetone	58	2.866	2.866	0.000	98	7075	8.00	7.96	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.884	2.884	0.000	81	14247	4.00	2.68	
21 Iodomethane	142	3.012	3.018	-0.006	98	37592	4.00	3.70	
22 Isopropyl alcohol	45	3.073	3.024	0.049	32	16139	20.0	20.6	
23 Carbon disulfide	76	3.152	3.152	0.000	99	57671	4.00	3.52	M
25 Methyl acetate	43	3.195	3.201	-0.006	98	29797	4.00	4.33	
26 3-Chloro-1-propene	41	3.213	3.219	-0.006	87	30824	4.00	3.82	
28 Methylene Chloride	84	3.378	3.384	-0.006	92	20705	4.00	3.72	
* 29 t-Butyl alcohol-d10 (IS)	65	3.427	3.439	-0.012	92	392814	250.0	250.0	
30 2-Methyl-2-propanol	59	3.530	3.518	0.012	43	28175	20.0	18.8	
31 Acrylonitrile	53	3.664	3.652	0.012	94	32797	10.0	10.0	
32 trans-1,2-Dichloroethene	96	3.707	3.713	-0.006	97	19414	4.00	3.80	
33 Methyl tert-butyl ether	73	3.713	3.713	0.000	89	65077	4.00	3.95	
34 Hexane	57	4.085	4.091	-0.006	92	12655	4.00	3.03	M
36 1,1-Dichloroethane	63	4.323	4.323	0.000	96	33995	4.00	3.63	
38 Isopropyl ether	45	4.396	4.390	0.006	96	60347	4.00	3.77	M
39 2-Chloro-1,3-butadiene	53	4.433	4.439	-0.006	92	29610	4.00	3.65	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 Tert-butyl ethyl ether	59	4.957	4.963	-0.006	98	58998	4.00	3.79	
42 2-Butanone (MEK)	43	5.195	5.194	0.001	94	41998	8.00	8.28	
43 cis-1,2-Dichloroethene	96	5.207	5.207	0.000	84	21274	4.00	3.74	
44 2,2-Dichloropropane	77	5.219	5.231	-0.012	90	29794	4.00	3.64	
45 Propionitrile	54	5.286	5.298	-0.012	95	28794	20.0	18.3	
46 Methyl acrylate	55	5.323	5.329	-0.006	98	28957	4.00	3.76	
47 Methacrylonitrile	67	5.512	5.511	0.001	93	32496	10.0	10.2	
48 Chlorobromomethane	128	5.554	5.554	0.000	78	11205	4.00	3.86	
49 Tetrahydrofuran	71	5.560	5.572	-0.012	93	25964	20.0	18.4	
50 Chloroform	83	5.731	5.725	0.006	93	34915	4.00	3.62	
52 1,1,1-Trichloroethane	97	5.944	5.944	0.000	16	29008	4.00	3.45	M
\$ 51 Dibromofluoromethane (Surr)	113	5.951	5.950	0.001	93	287719	50.0	50.6	
53 Cyclohexane	56	6.030	6.042	-0.012	75	21906	4.00	2.55	M
S 54 1,2-Dichloroethene, Total	100				0			7.54	
55 Carbon tetrachloride	117	6.164	6.164	0.000	75	24211	4.00	3.29	
56 1,1-Dichloropropene	75	6.170	6.170	0.000	91	25606	4.00	3.55	
57 Isobutyl alcohol	41	6.402	6.402	0.000	59	22112	50.0	41.3	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.426	6.426	0.000	79	62502	50.0	50.6	
59 Benzene	78	6.450	6.444	0.006	96	78133	4.00	3.65	
60 1,2-Dichloroethane	62	6.530	6.536	-0.006	97	30068	4.00	3.81	
62 Tert-amyl methyl ether	73	6.664	6.664	0.000	97	57839	4.00	3.75	
* 63 Fluorobenzene (IS)	96	6.877	6.877	0.000	99	1060182	50.0	50.0	
64 n-Heptane	43	6.902	6.908	-0.006	36	11488	4.00	3.38	
65 n-Butanol	56	7.322	7.328	-0.006	74	13568	50.0	39.5	
66 Trichloroethene	95	7.371	7.377	-0.006	96	18963	4.00	3.43	
67 Ethyl acrylate	55	7.530	7.535	-0.005	99	30571	4.00	3.71	
68 Methylcyclohexane	83	7.688	7.688	0.000	85	16755	4.00	2.80	
69 1,2-Dichloropropane	63	7.725	7.731	-0.006	92	19536	4.00	3.64	
70 2-ethoxy-2-methyl butane	87	7.749	7.755	-0.006	86	25981	4.00	3.55	
72 1,4-Dioxane	88	7.847	7.834	0.013	28	4336	50.0	46.6	M
73 Dibromomethane	93	7.840	7.840	0.000	79	14281	4.00	3.89	
74 Methyl methacrylate	69	7.847	7.846	0.001	92	16388	4.00	3.55	
76 Dichlorobromomethane	83	8.096	8.102	-0.006	98	25450	4.00	3.58	
77 2-Nitropropane	41	8.395	8.401	-0.006	100	48513	20.0	17.1	
78 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	93	13035	4.00	3.35	
79 cis-1,3-Dichloropropene	75	8.688	8.688	0.000	94	29192	4.00	3.47	
83 4-Methyl-2-pentanone (MIBK)	43	8.901	8.901	0.000	98	75955	8.00	7.83	
\$ 84 Toluene-d8 (Surr)	98	9.029	9.029	0.000	94	1016657	50.0	50.7	
85 Toluene	92	9.115	9.114	0.001	98	45393	4.00	3.51	
86 trans-1,3-Dichloropropene	75	9.432	9.438	-0.006	97	26167	4.00	3.45	
87 Ethyl methacrylate	69	9.523	9.523	0.000	90	28368	4.00	3.74	
88 1,1,2-Trichloroethane	97	9.657	9.663	-0.006	91	17412	4.00	3.69	
89 Tetrachloroethene	166	9.736	9.736	0.000	97	19095	4.00	3.35	
91 1,3-Dichloropropane	76	9.840	9.840	0.000	95	26495	4.00	3.62	
92 2-Hexanone	43	9.913	9.913	0.000	98	55187	8.00	8.18	
S 98 1,3-Dichloropropene, Total	100				0			6.92	
100 Chlorodibromomethane	129	10.066	10.072	-0.006	92	19056	4.00	3.40	
101 Ethylene Dibromide	107	10.181	10.181	0.000	97	19113	4.00	3.80	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	86	758183	50.0	50.0	
130 Chlorobenzene	112	10.681	10.687	-0.006	94	50800	4.00	3.56	
129 1-Chlorohexane	91	10.687	10.687	0.000	55	18085	4.00	3.00	
131 1,1,1,2-Tetrachloroethane	131	10.779	10.779	0.000	94	19428	4.00	3.51	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
132 Ethylbenzene	91	10.785	10.785	0.000	99	84275	4.00	3.36	
133 m-Xylene & p-Xylene	106	10.913	10.913	0.000	99	65375	8.00	6.82	
134 n-Butyl acrylate	55	11.230	11.230	0.000	94	45615	4.00	4.03	
S 135 Xylenes, Total	106				0			10.3	
136 o-Xylene	106	11.260	11.260	0.000	96	34082	4.00	3.47	
137 Styrene	104	11.279	11.279	0.000	96	55545	4.00	3.49	
138 Bromoform	173	11.437	11.437	0.000	97	15528	4.00	3.51	
139 Isopropylbenzene	105	11.584	11.583	0.001	96	75652	4.00	2.90	
141 Cyclohexanone	55	11.657	11.657	0.000	94	133847	200.0	297.2	
\$ 143 4-Bromofluorobenzene (Surr)	95	11.730	11.730	0.000	95	376420	50.0	51.2	
144 Bromobenzene	156	11.846	11.846	0.000	95	22895	4.00	3.32	
145 1,1,2,2-Tetrachloroethane	83	11.852	11.852	0.000	95	32532	4.00	3.51	
146 trans-1,4-Dichloro-2-butene	53	11.876	11.882	-0.006	91	24388	10.0	8.94	
147 1,2,3-Trichloropropane	110	11.895	11.894	0.001	87	9820	4.00	3.70	
148 N-Propylbenzene	91	11.931	11.931	0.000	99	85805	4.00	2.74	
150 2-Chlorotoluene	126	12.004	12.004	0.000	97	21127	4.00	3.35	
152 1,3,5-Trimethylbenzene	105	12.077	12.077	0.000	94	58974	4.00	2.65	
153 4-Chlorotoluene	126	12.102	12.102	0.000	97	19852	4.00	3.24	
154 tert-Butylbenzene	134	12.333	12.327	0.006	92	9699	4.00	2.52	
156 1,2,4-Trimethylbenzene	105	12.376	12.376	0.000	97	65153	4.00	2.96	
158 sec-Butylbenzene	105	12.504	12.498	0.006	94	61858	4.00	2.40	
159 1,3-Dichlorobenzene	146	12.596	12.595	0.001	98	38599	4.00	3.24	
160 4-Isopropyltoluene	119	12.614	12.614	0.000	97	57644	4.00	2.52	
* 163 1,4-Dichlorobenzene-d4	152	12.657	12.657	0.000	94	459223	50.0	50.0	
164 1,4-Dichlorobenzene	146	12.675	12.675	0.000	95	39106	4.00	3.20	
165 1,2,3-Trimethylbenzene	105	12.687	12.687	0.000	98	64664	4.00	2.80	
166 Benzyl chloride	91	12.754	12.754	0.000	99	56693	4.00	3.28	
167 1,3-Diethylbenzene	119	12.827	12.827	0.000	93	30765	4.00	2.50	
168 p-Diethylbenzene	119	12.900	12.900	0.000	94	33896	4.00	2.56	
169 n-Butylbenzene	92	12.919	12.919	0.000	96	25886	4.00	2.48	
171 1,2-Dichlorobenzene	146	12.943	12.943	0.000	98	39271	4.00	3.21	
172 o-diethylbenzene	119	12.974	12.973	0.001	95	26869	4.00	2.53	
173 1,2-Dibromo-3-Chloropropane	75	13.504	13.504	0.000	83	9454	4.00	3.70	
175 1,3,5-Trichlorobenzene	180	13.632	13.632	0.000	95	22868	4.00	2.87	
176 1,2,4-Trichlorobenzene	180	14.071	14.071	0.000	93	24385	4.00	3.08	
177 2-Ethylhexyl acrylate	55	14.150	14.150	0.000	83	24918	4.00	3.49	
178 Hexachlorobutadiene	225	14.162	14.156	0.006	89	7674	4.00	2.81	
179 Naphthalene	128	14.254	14.254	0.000	97	102039	4.00	3.34	
180 1,2,3-Trichlorobenzene	180	14.400	14.400	0.000	94	23025	4.00	3.00	
181 2-Methylnaphthalene	142	15.004	15.004	0.000	92	38848	4.00	2.91	
S 213 Total Diethylbenzene	1				0			7.59	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_CYC_00012	Amount Added: 32.00	Units: uL	
MSV_CCV_GASES_01127	Amount Added: 2.00	Units: uL	
MSV_CCV_VOC#3_00250	Amount Added: 3.20	Units: uL	
MSV_CCV_2CEVE_00240	Amount Added: 4.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 4.00	Units: uL	
MSV_CCV_VOC#1_00248	Amount Added: 4.00	Units: uL	
MSV_CCV_OH_Sp_00023	Amount Added: 4.00	Units: uL	
MSV_Cent_ISSS_00041	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 12-Aug-2025 14:06:20

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X12.D

Injection Date: 11-Aug-2025 19:19:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC v4

Worklist Smp#: 13

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

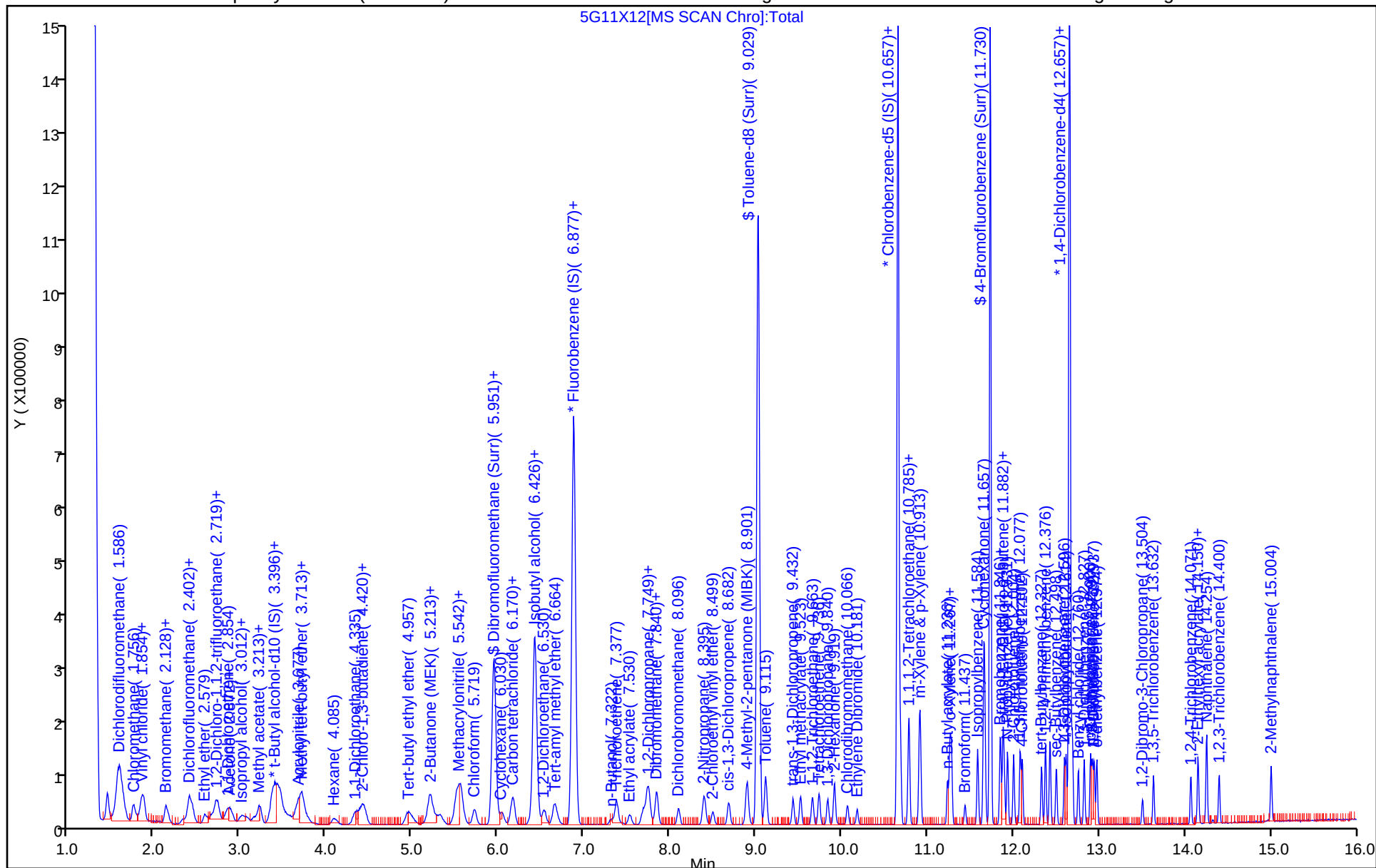
ALS Bottle#: 12

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

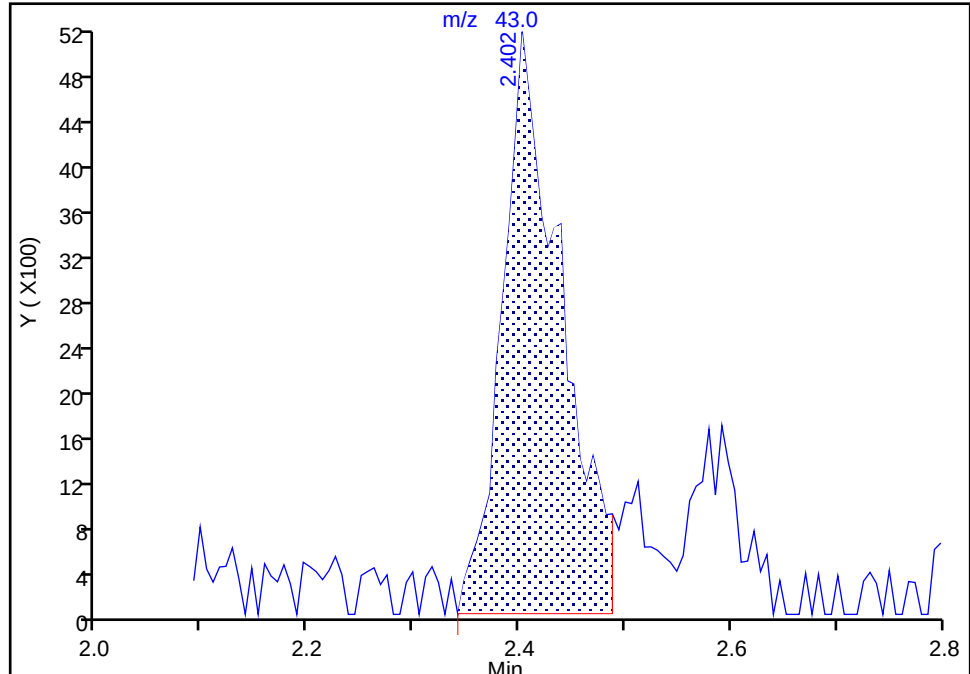
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Injection Date: 11-Aug-2025 19:19:30 Instrument ID: 26285
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

12 Pentane, CAS: 109-66-0

Signal: 1

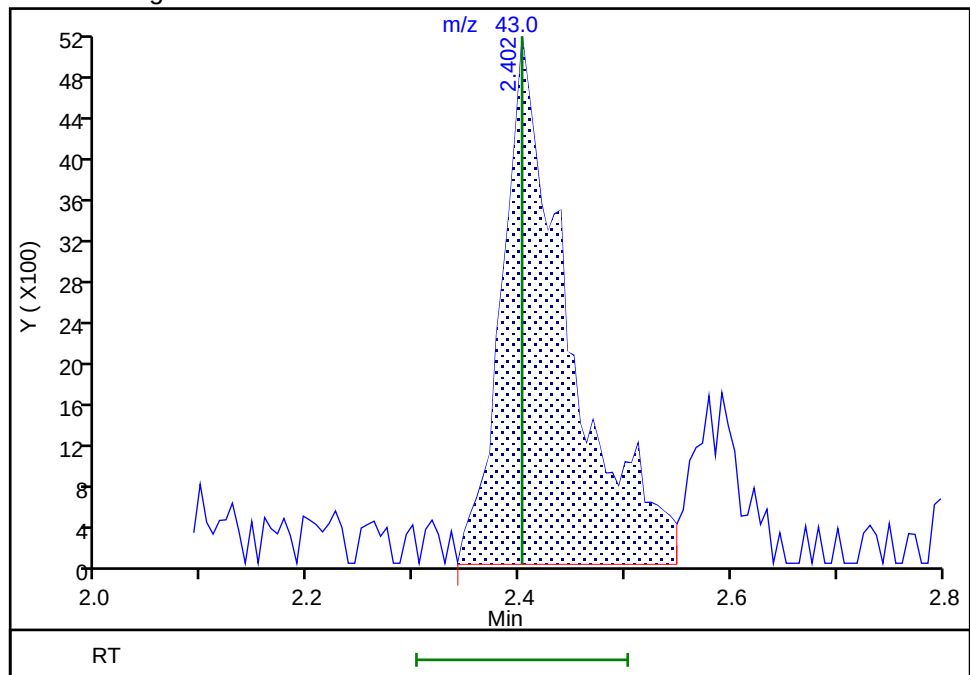
RT: 2.40
Area: 19834
Amount: 3.559868
Amount Units: ug/l

Processing Integration Results



RT: 2.40
Area: 22380
Amount: 2.926534
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:00:52 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

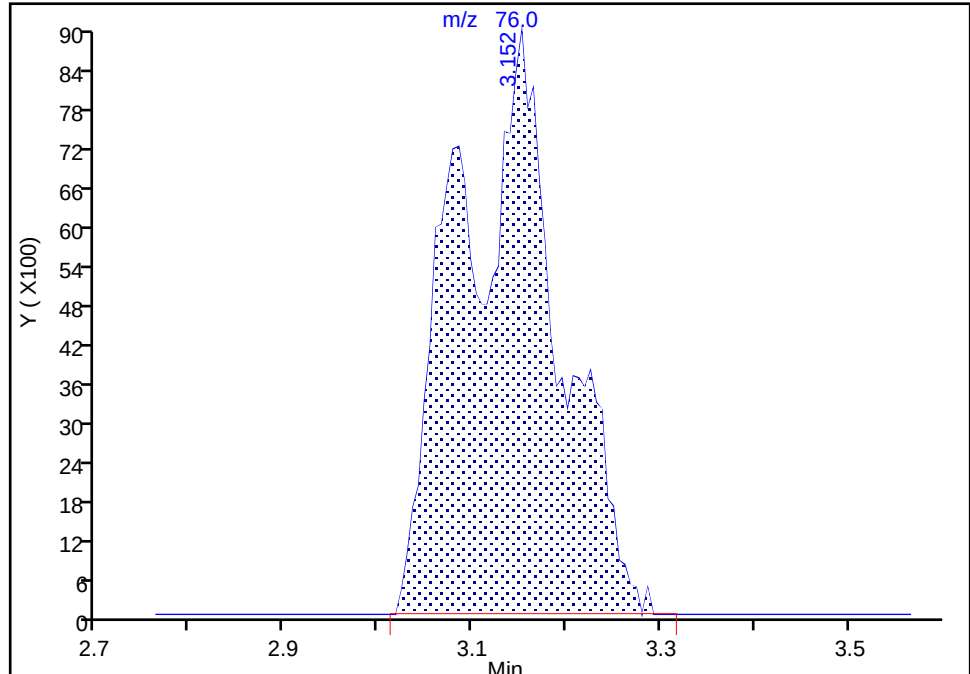
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Injection Date: 11-Aug-2025 19:19:30 Instrument ID: 26285
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

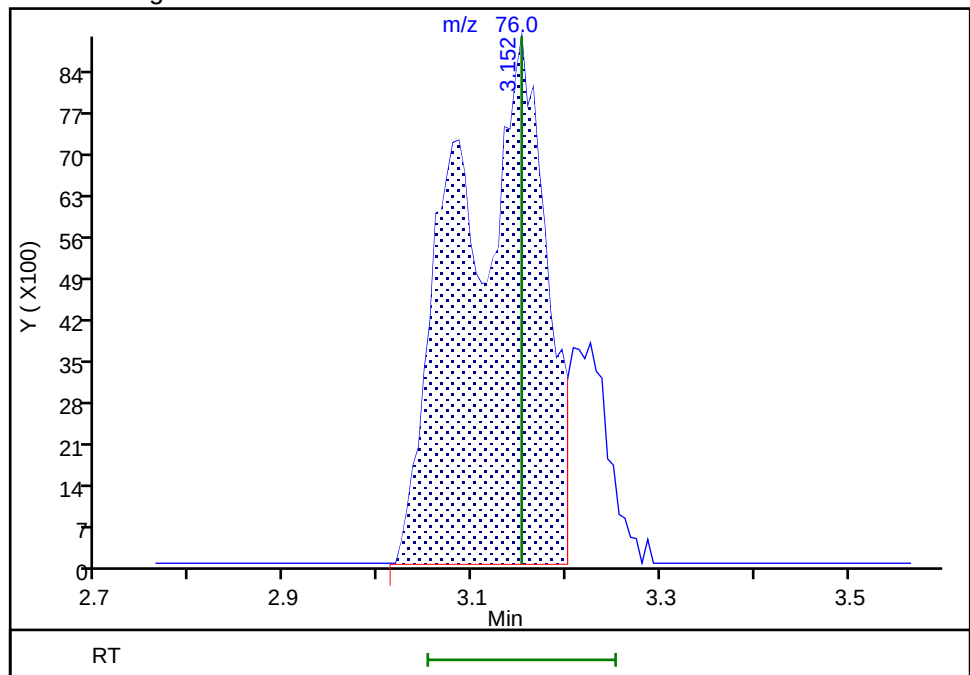
RT: 3.15
Area: 67666
Amount: 4.037270
Amount Units: ug/l

Processing Integration Results



RT: 3.15
Area: 57671
Amount: 3.515802
Amount Units: ug/l

Manual Integration Results



Reviewer: UKEK, 12-Aug-2025 13:35:37 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

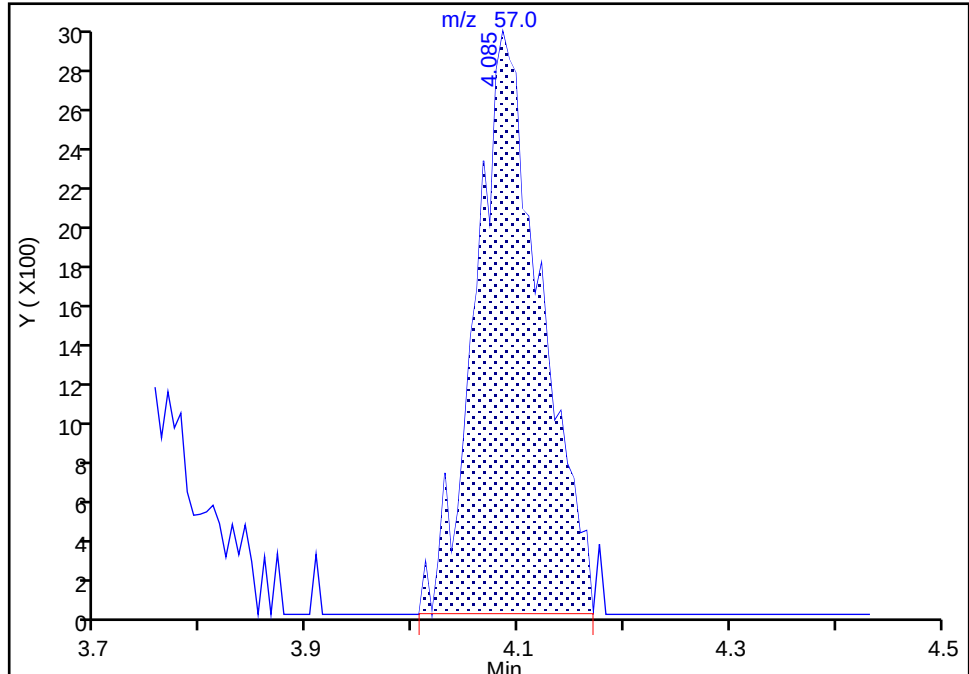
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Injection Date: 11-Aug-2025 19:19:30 Instrument ID: 26285
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

34 Hexane, CAS: 110-54-3

Signal: 1

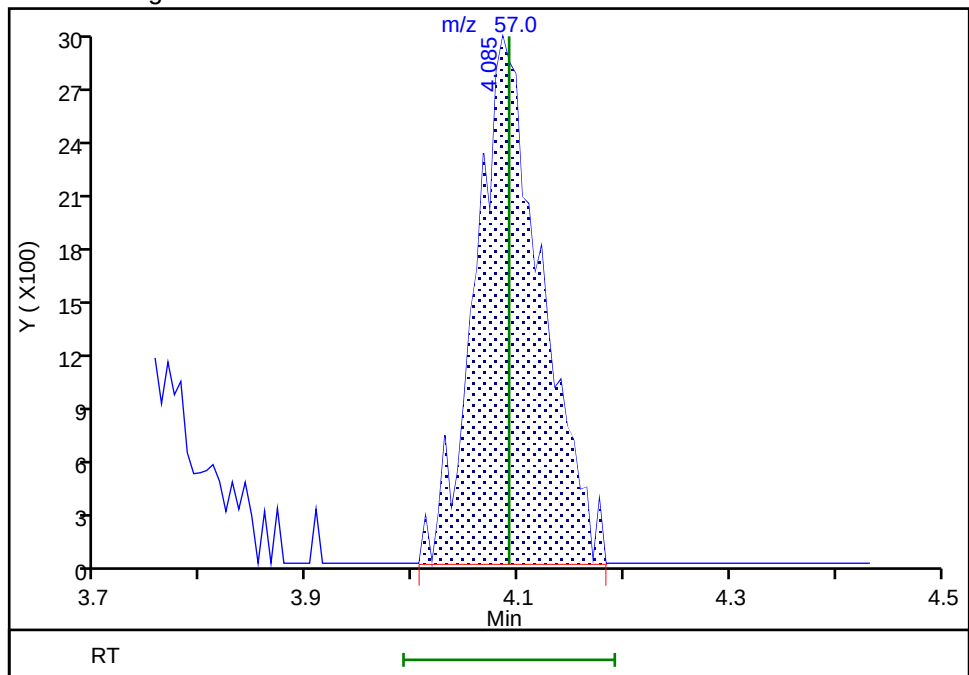
RT: 4.09
Area: 12526
Amount: 2.385407
Amount Units: ug/l

Processing Integration Results



RT: 4.09
Area: 12655
Amount: 3.032983
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 12-Aug-2025 00:14:52 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

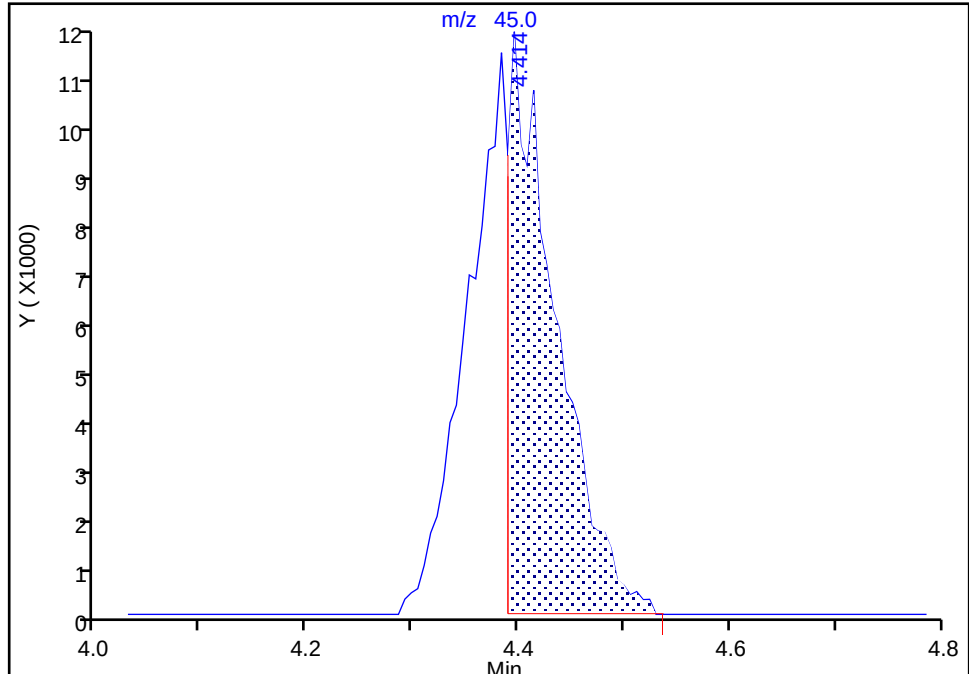
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Injection Date: 11-Aug-2025 19:19:30 Instrument ID: 26285
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

38 Isopropyl ether, CAS: 108-20-3

Signal: 1

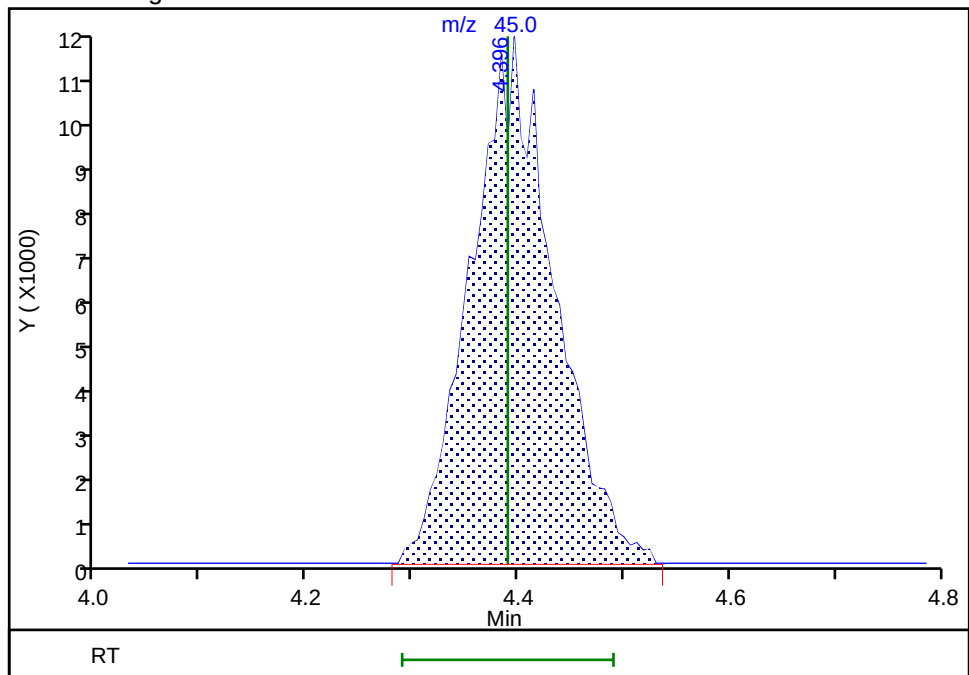
RT: 4.41
Area: 34930
Amount: 2.861752
Amount Units: ug/l

Processing Integration Results



RT: 4.40
Area: 60347
Amount: 3.769022
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:01:20 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

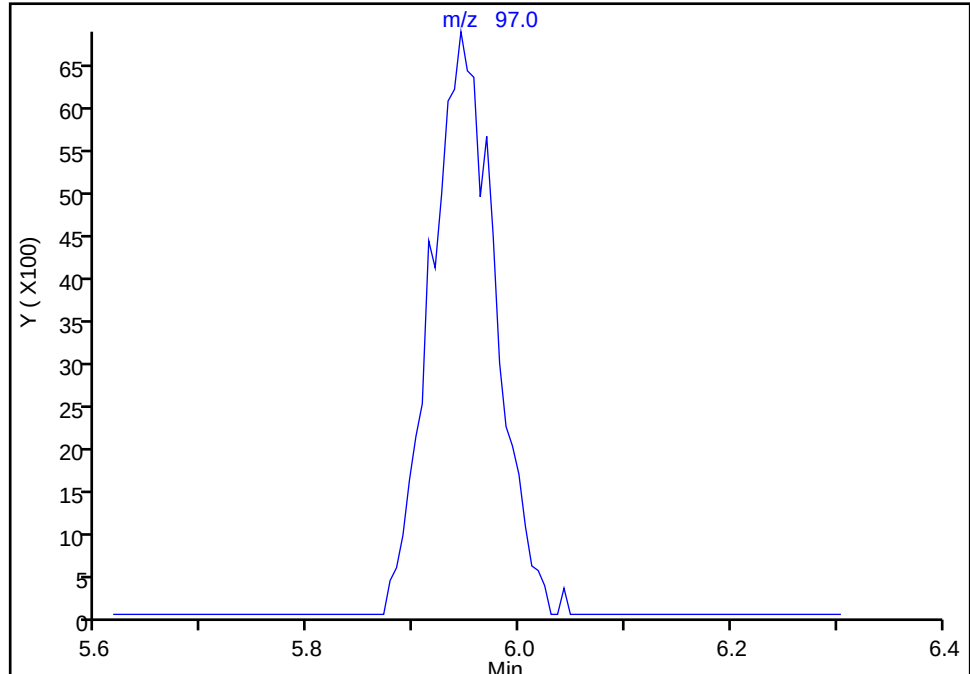
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Injection Date: 11-Aug-2025 19:19:30 Instrument ID: 26285
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

52 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

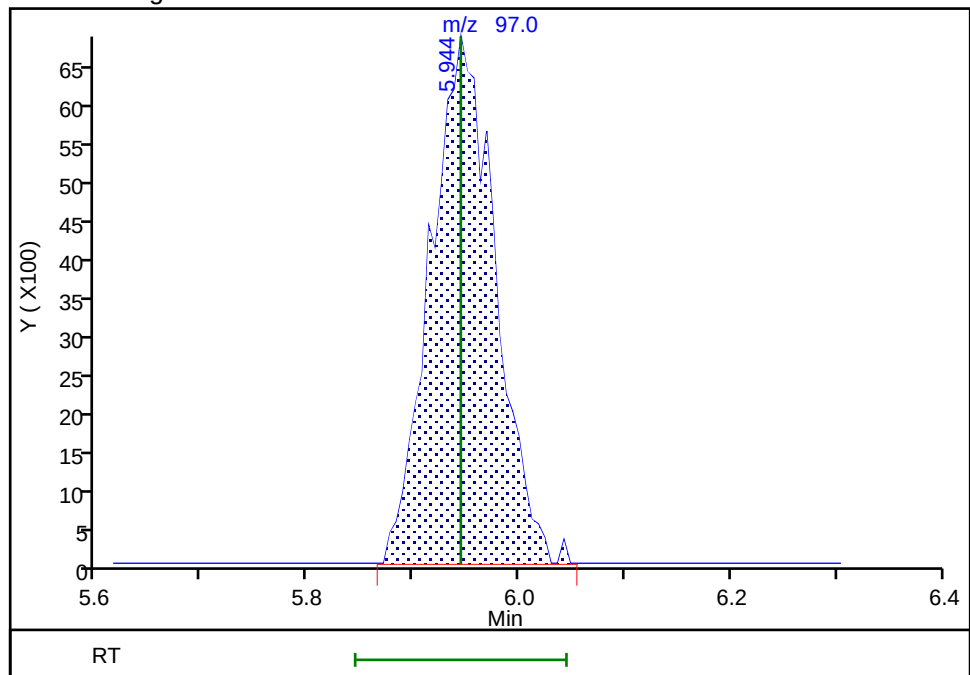
Not Detected
Expected RT: 5.94

Processing Integration Results



RT: 5.94
Area: 29008
Amount: 3.453929
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:01:32 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

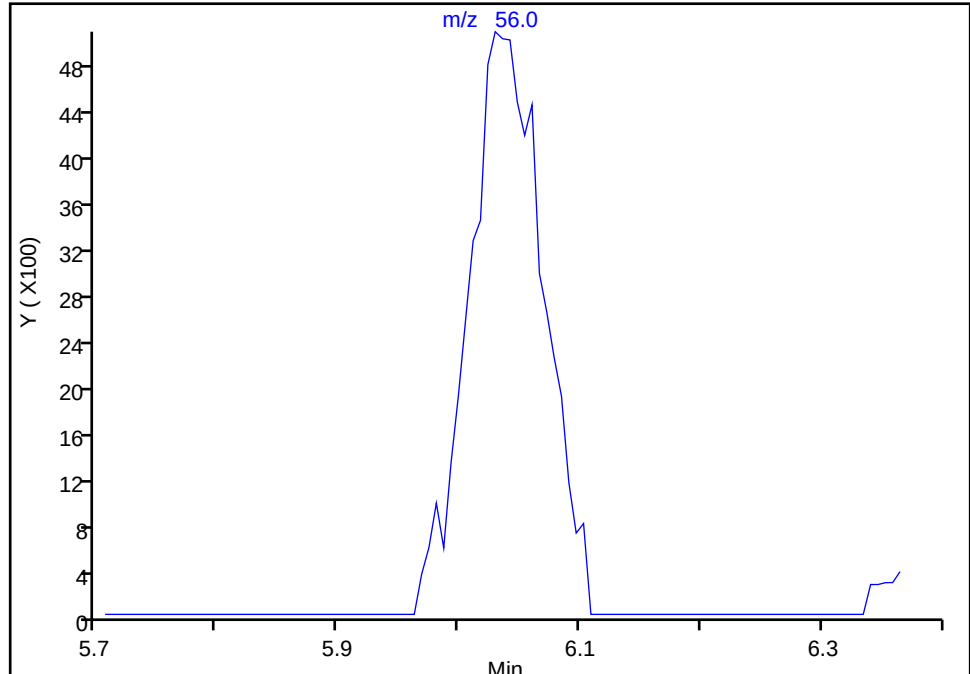
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Injection Date: 11-Aug-2025 19:19:30 Instrument ID: 26285
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

53 Cyclohexane, CAS: 110-82-7

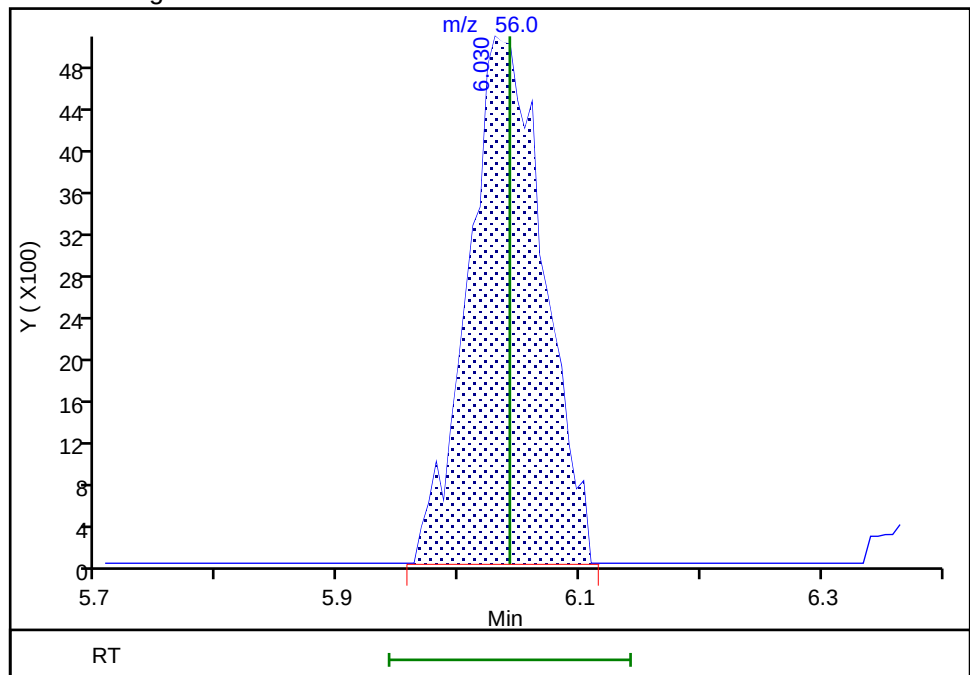
Signal: 1

Not Detected
Expected RT: 6.04

Processing Integration Results



Manual Integration Results



RT: 6.03
Area: 21906
Amount: 2.549703
Amount Units: ug/l

Reviewer: JS6E, 11-Aug-2025 23:01:40 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

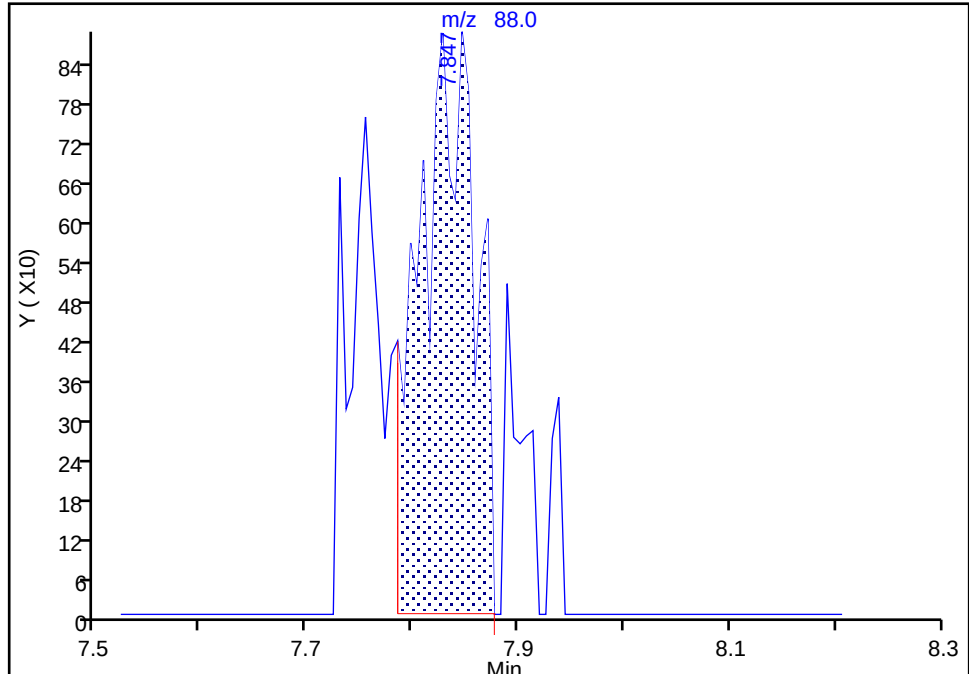
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Injection Date: 11-Aug-2025 19:19:30 Instrument ID: 26285
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

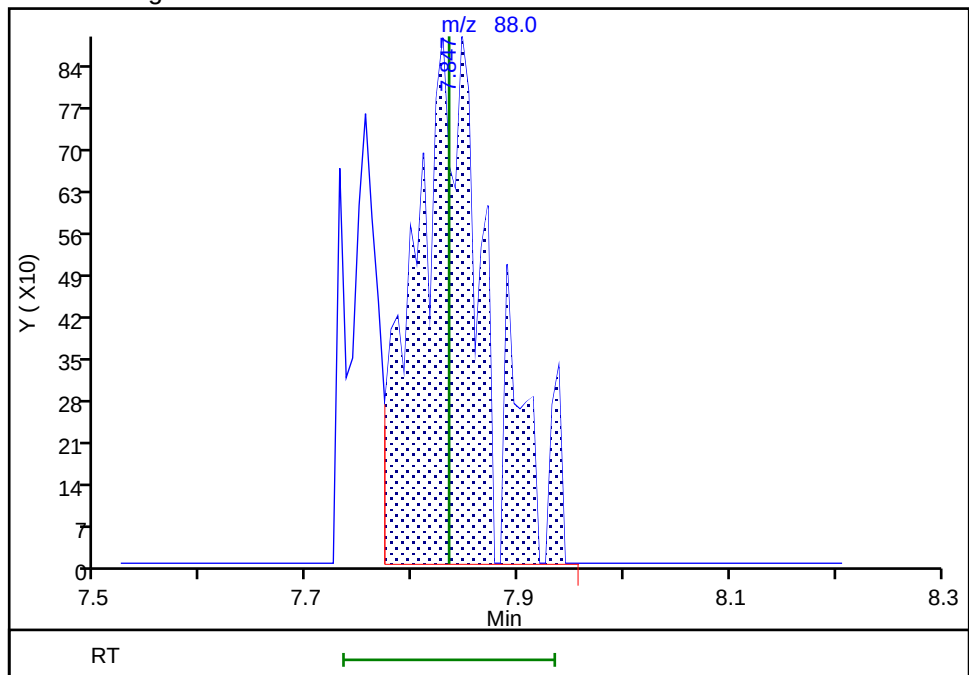
RT: 7.85
Area: 3294
Amount: 36.776330
Amount Units: ug/l

Processing Integration Results



RT: 7.85
Area: 4336
Amount: 46.602703
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:02:42 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X13.D
 Lims ID: IC v10
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 11-Aug-2025 19:39:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-014
 Misc. Info.: IC V10
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub89
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:06:42 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 22:59:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.573	1.579	-0.006	79	118140	10.0	10.9	
4 Chloromethane	50	1.744	1.750	-0.006	99	110379	10.0	10.7	
6 Vinyl chloride	62	1.836	1.841	-0.005	98	97341	10.0	10.7	
5 Butadiene	39	1.860	1.866	-0.006	96	93876	10.0	10.6	
9 Bromomethane	94	2.116	2.128	-0.012	91	61830	10.0	10.3	
10 Chloroethane	64	2.146	2.152	-0.006	98	46229	10.0	10.6	
11 Dichlorofluoromethane	67	2.390	2.396	-0.006	97	147297	10.0	10.7	
12 Pentane	43	2.396	2.402	-0.006	62	75388	10.0	10.2	
13 Trichlorofluoromethane	101	2.427	2.439	-0.012	97	121269	10.0	10.7	
15 Ethyl ether	59	2.567	2.579	-0.012	93	39417	10.0	10.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	2.665	2.683	-0.018	93	72569	10.0	10.7	
17 Acrolein	56	2.720	2.725	-0.005	98	156074	97.6	88.5	
18 1,1-Dichloroethene	96	2.835	2.835	0.000	98	48031	10.0	10.7	
19 Acetone	58	2.848	2.866	-0.018	97	13515	20.0	16.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.884	2.884	0.000	92	54241	10.0	10.5	
21 Iodomethane	142	3.000	3.018	-0.018	98	102785	10.0	10.4	
22 Isopropyl alcohol	45	2.994	3.024	-0.030	45	38680	50.0	54.8	M
23 Carbon disulfide	76	3.152	3.152	0.000	100	172444	10.0	10.8	M
25 Methyl acetate	43	3.189	3.201	-0.012	100	62821	10.0	9.40	
26 3-Chloro-1-propene	41	3.207	3.219	-0.012	84	77540	10.0	9.89	
28 Methylene Chloride	84	3.384	3.384	0.000	61	55611	10.0	10.3	M
* 29 t-Butyl alcohol-d10 (IS)	65	3.415	3.439	-0.024	88	353316	250.0	250.0	
30 2-Methyl-2-propanol	59	3.536	3.518	0.018	97	84634	50.0	62.7	M
31 Acrylonitrile	53	3.646	3.652	-0.006	99	80541	25.0	25.3	
32 trans-1,2-Dichloroethene	96	3.701	3.713	-0.012	97	51240	10.0	10.3	
33 Methyl tert-butyl ether	73	3.701	3.713	-0.012	95	157393	10.0	9.85	
34 Hexane	57	4.079	4.091	-0.012	94	58025	10.0	10.6	
36 1,1-Dichloroethane	63	4.323	4.323	0.000	96	94081	10.0	10.4	
38 Isopropyl ether	45	4.384	4.390	-0.006	95	156136	10.0	10.0	
39 2-Chloro-1,3-butadiene	53	4.420	4.439	-0.019	94	82667	10.0	10.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 Tert-butyl ethyl ether	59	4.951	4.963	-0.012	98	151254	10.0	10.0	
42 2-Butanone (MEK)	43	5.201	5.194	0.007	97	82978	20.0	16.8	
43 cis-1,2-Dichloroethene	96	5.207	5.207	0.000	84	56463	10.0	10.2	
44 2,2-Dichloropropane	77	5.219	5.231	-0.012	85	83401	10.0	10.5	
45 Propionitrile	54	5.286	5.298	-0.012	95	74783	50.0	52.9	
46 Methyl acrylate	55	5.329	5.329	0.000	98	70858	10.0	9.46	
47 Methacrylonitrile	67	5.506	5.511	-0.005	95	76679	25.0	24.7	
48 Chlorobromomethane	128	5.548	5.554	-0.006	71	29593	10.0	10.5	
49 Tetrahydrofuran	71	5.567	5.572	-0.005	88	65522	50.0	51.5	
50 Chloroform	83	5.719	5.725	-0.006	94	95482	10.0	10.2	
52 1,1,1-Trichloroethane	97	5.945	5.944	0.001	74	87268	10.0	10.7	
\$ 51 Dibromofluoromethane (Surr)	113	5.945	5.950	-0.005	93	277220	50.0	50.2	
53 Cyclohexane	56	6.048	6.042	0.006	92	85723	10.0	10.3	
S 54 1,2-Dichloroethene, Total	100				0			20.6	
55 Carbon tetrachloride	117	6.158	6.164	-0.006	90	73461	10.0	10.3	
56 1,1-Dichloropropene	75	6.170	6.170	0.000	92	72556	10.0	10.4	
57 Isobutyl alcohol	41	6.390	6.402	-0.012	92	68923	125.0	143.0	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.420	6.426	-0.006	83	60305	50.0	50.3	
59 Benzene	78	6.438	6.444	-0.006	93	217489	10.0	10.5	
60 1,2-Dichloroethane	62	6.530	6.536	-0.006	98	77264	10.0	10.1	
62 Tert-amyl methyl ether	73	6.652	6.664	-0.012	98	150469	10.0	10.0	
* 63 Fluorobenzene (IS)	96	6.871	6.877	-0.006	99	1029260	50.0	50.0	
64 n-Heptane	43	6.896	6.908	-0.012	93	52860	10.0	10.5	
65 n-Butanol	56	7.316	7.328	-0.012	95	43527	125.0	140.9	
66 Trichloroethene	95	7.371	7.377	-0.006	97	57013	10.0	10.6	
67 Ethyl acrylate	55	7.530	7.535	-0.005	98	76976	10.0	9.62	
68 Methylcyclohexane	83	7.682	7.688	-0.006	89	79146	10.0	10.0	
69 1,2-Dichloropropane	63	7.725	7.731	-0.006	95	51830	10.0	9.95	
70 2-ethoxy-2-methyl butane	87	7.755	7.755	0.000	89	72204	10.0	10.2	
72 1,4-Dioxane	88	7.841	7.834	0.006	28	12023	125.0	143.7	M
73 Dibromomethane	93	7.841	7.840	0.000	77	34306	10.0	9.62	
74 Methyl methacrylate	69	7.841	7.846	-0.006	89	44927	10.0	10.0	
76 Dichlorobromomethane	83	8.097	8.102	-0.005	98	67556	10.0	9.79	
77 2-Nitropropane	41	8.395	8.401	-0.006	99	131611	50.0	51.5	
78 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	93	35694	10.0	9.44	
79 cis-1,3-Dichloropropene	75	8.688	8.688	0.000	94	81254	10.0	9.96	
83 4-Methyl-2-pentanone (MIBK)	43	8.895	8.901	-0.006	98	164345	20.0	17.5	
\$ 84 Toluene-d8 (Surr)	98	9.023	9.029	-0.006	94	983769	50.0	50.1	
85 Toluene	92	9.115	9.114	0.001	98	130107	10.0	10.3	
86 trans-1,3-Dichloropropene	75	9.432	9.438	-0.006	95	73981	10.0	9.96	
87 Ethyl methacrylate	69	9.523	9.523	0.000	89	81161	10.0	10.9	
88 1,1,2-Trichloroethane	97	9.657	9.663	-0.006	93	49088	10.0	10.6	
89 Tetrachloroethene	166	9.736	9.736	0.000	97	57860	10.0	10.4	
91 1,3-Dichloropropane	76	9.834	9.840	-0.006	95	74176	10.0	10.3	
92 2-Hexanone	43	9.913	9.913	0.000	98	118303	20.0	17.9	
S 98 1,3-Dichloropropene, Total	100				0			19.9	
100 Chlorodibromomethane	129	10.072	10.072	0.000	89	57700	10.0	10.5	
101 Ethylene Dibromide	107	10.182	10.181	0.001	99	49950	10.0	10.1	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	86	742332	50.0	50.0	
130 Chlorobenzene	112	10.681	10.687	-0.006	94	143756	10.0	10.3	
129 1-Chlorohexane	91	10.681	10.687	-0.006	64	60973	10.0	10.3	
131 1,1,1,2-Tetrachloroethane	131	10.779	10.779	0.000	93	57094	10.0	10.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
132 Ethylbenzene	91	10.785	10.785	0.000	99	260320	10.0	10.6	
133 m-Xylene & p-Xylene	106	10.913	10.913	0.000	99	196797	20.0	21.0	
134 n-Butyl acrylate	55	11.230	11.230	0.000	95	108331	10.0	9.79	
S 135 Xylenes, Total	106				0			31.7	
136 o-Xylene	106	11.261	11.260	0.001	96	102867	10.0	10.7	
137 Styrene	104	11.279	11.279	0.000	96	164543	10.0	10.6	
138 Bromoform	173	11.437	11.437	0.000	97	45647	10.0	10.5	
139 Isopropylbenzene	105	11.584	11.583	0.001	96	261240	10.0	10.2	
141 Cyclohexanone	55	11.657	11.657	0.000	95	78802	250.0	194.5	
\$ 143 4-Bromofluorobenzene (Surr)	95	11.730	11.730	0.000	95	360618	50.0	50.1	
144 Bromobenzene	156	11.846	11.846	0.000	95	66606	10.0	10.3	
145 1,1,2,2-Tetrachloroethane	83	11.852	11.852	0.000	95	94670	10.0	10.9	
146 trans-1,4-Dichloro-2-butene	53	11.882	11.882	0.000	90	70519	25.0	27.5	
147 1,2,3-Trichloropropane	110	11.895	11.894	0.001	84	28683	10.0	11.5	
148 N-Propylbenzene	91	11.931	11.931	0.000	99	297883	10.0	10.1	
150 2-Chlorotoluene	126	12.004	12.004	0.000	96	62895	10.0	10.6	
152 1,3,5-Trimethylbenzene	105	12.077	12.077	0.000	94	209131	10.0	10.0	
153 4-Chlorotoluene	126	12.102	12.102	0.000	98	60019	10.0	10.4	
154 tert-Butylbenzene	134	12.327	12.327	0.000	93	34601	10.0	9.55	
156 1,2,4-Trimethylbenzene	105	12.376	12.376	0.000	97	216845	10.0	10.5	
158 sec-Butylbenzene	105	12.498	12.498	0.000	94	242312	10.0	10.0	
159 1,3-Dichlorobenzene	146	12.596	12.595	0.001	98	121682	10.0	10.9	
160 4-Isopropyltoluene	119	12.614	12.614	0.000	97	213390	10.0	9.94	
* 163 1,4-Dichlorobenzene-d4	152	12.657	12.657	0.000	94	431672	50.0	50.0	
164 1,4-Dichlorobenzene	146	12.675	12.675	0.000	95	124061	10.0	10.8	
165 1,2,3-Trimethylbenzene	105	12.687	12.687	0.000	98	219048	10.0	10.1	
166 Benzyl chloride	91	12.754	12.754	0.000	99	177515	10.0	10.9	
167 1,3-Diethylbenzene	119	12.827	12.827	0.000	95	116414	10.0	10.1	
168 p-Diethylbenzene	119	12.900	12.900	0.000	93	127932	10.0	10.3	
169 n-Butylbenzene	92	12.919	12.919	0.000	97	100668	10.0	10.3	
171 1,2-Dichlorobenzene	146	12.943	12.943	0.000	98	125611	10.0	10.9	
172 o-diethylbenzene	119	12.974	12.973	0.001	95	99306	10.0	9.95	
173 1,2-Dibromo-3-Chloropropane	75	13.504	13.504	0.000	85	26446	10.0	11.0	
175 1,3,5-Trichlorobenzene	180	13.632	13.632	0.000	98	82898	10.0	11.1	
176 1,2,4-Trichlorobenzene	180	14.071	14.071	0.000	94	79417	10.0	10.7	
177 2-Ethylhexyl acrylate	55	14.150	14.150	0.000	83	63298	10.0	9.43	
178 Hexachlorobutadiene	225	14.156	14.156	0.000	93	31942	10.0	10.2	
179 Naphthalene	128	14.254	14.254	0.000	97	316595	10.0	11.0	
180 1,2,3-Trichlorobenzene	180	14.400	14.400	0.000	95	78095	10.0	10.8	
181 2-Methylnaphthalene	142	15.004	15.004	0.000	93	135429	10.0	10.8	
S 213 Total Diethylbenzene	1				0			30.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_CYC_00012	Amount Added: 8.00	Units: uL	
MSV_CCV_GASES_01127	Amount Added: 1.00	Units: uL	
MSV_CCV_VOC#3_00250	Amount Added: 1.60	Units: uL	
MSV_CCV_2CEVE_00240	Amount Added: 2.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 2.00	Units: uL	
MSV_CCV_VOC#1_00248	Amount Added: 2.00	Units: uL	
MSV_CCV_OH_Sp_00023	Amount Added: 2.00	Units: uL	
MSV_Cent_ISSS_00041	Amount Added: 5.00	Units: uL	Run Reagent

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X13.D

Instrument ID: 26285

Operator ID: knk41612

Worklist Smp#: 14

Client ID:

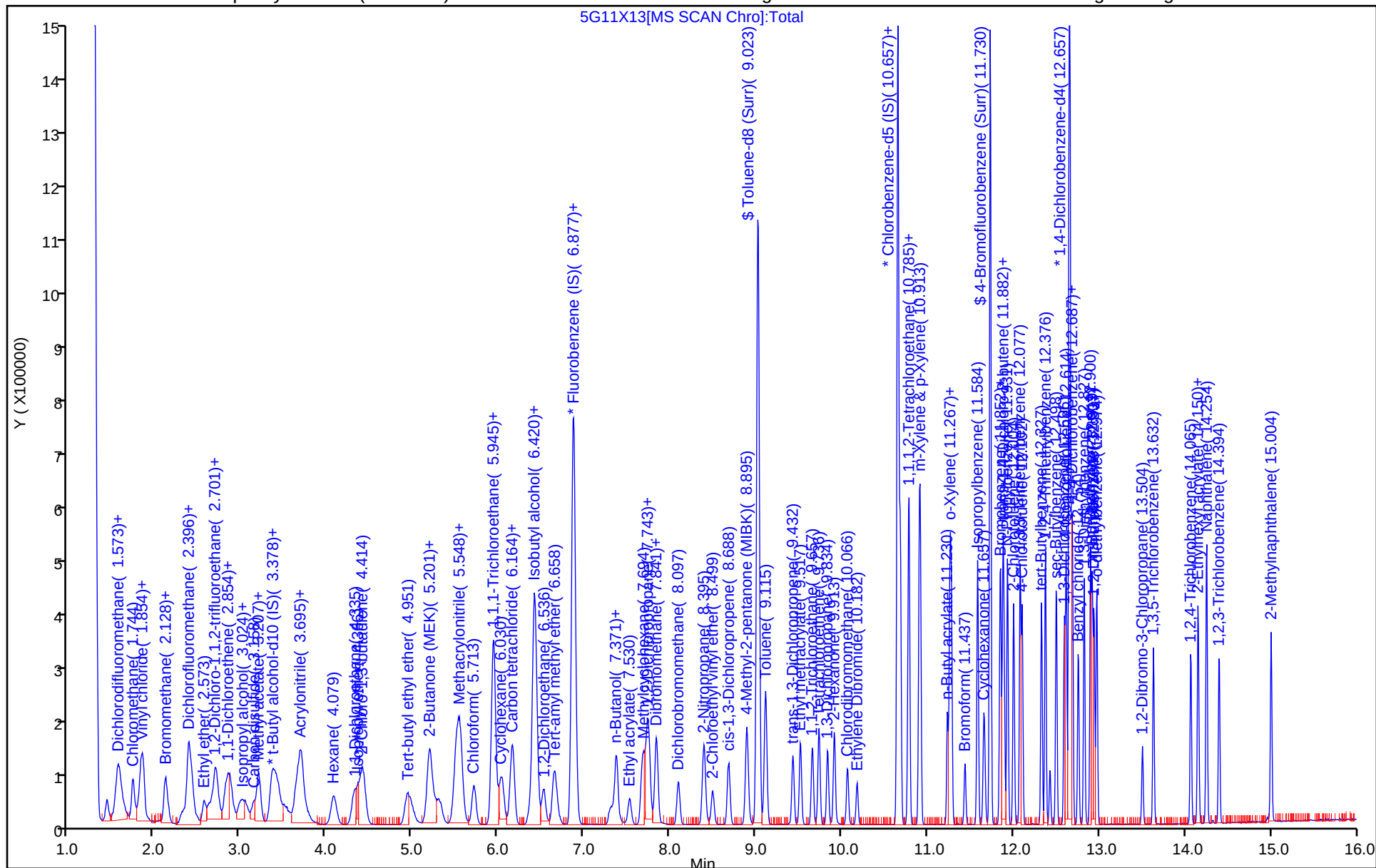
Dil. Factor: 1.0000

ALS Bottle#: 13

Limit Group: MSV - 8260C D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

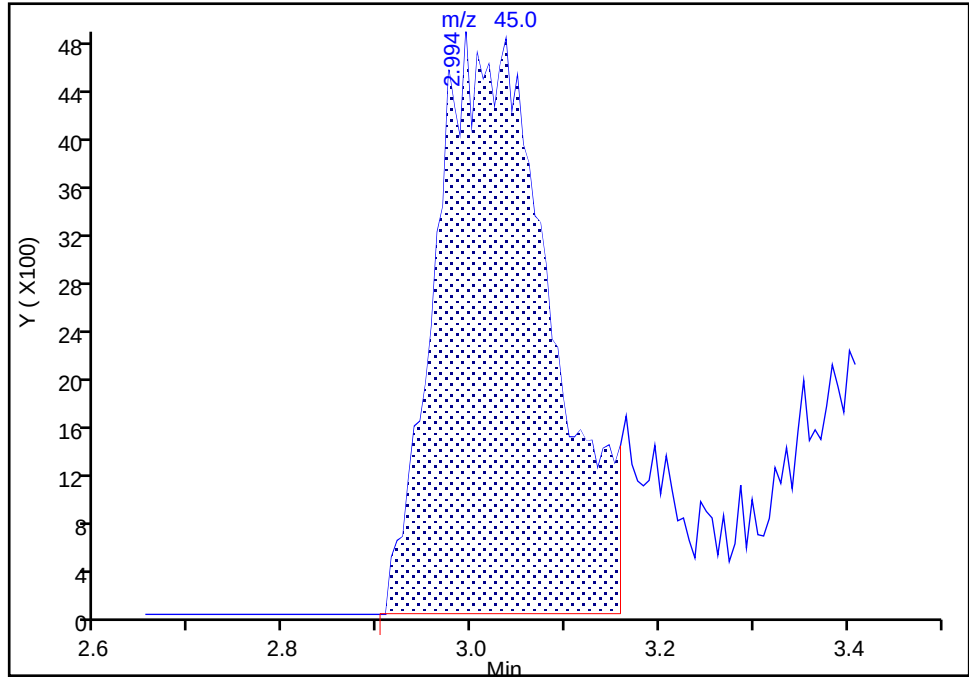
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Injection Date: 11-Aug-2025 19:39:30 Instrument ID: 26285
Lims ID: IC v10
Client ID:
Operator ID: knk41612 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

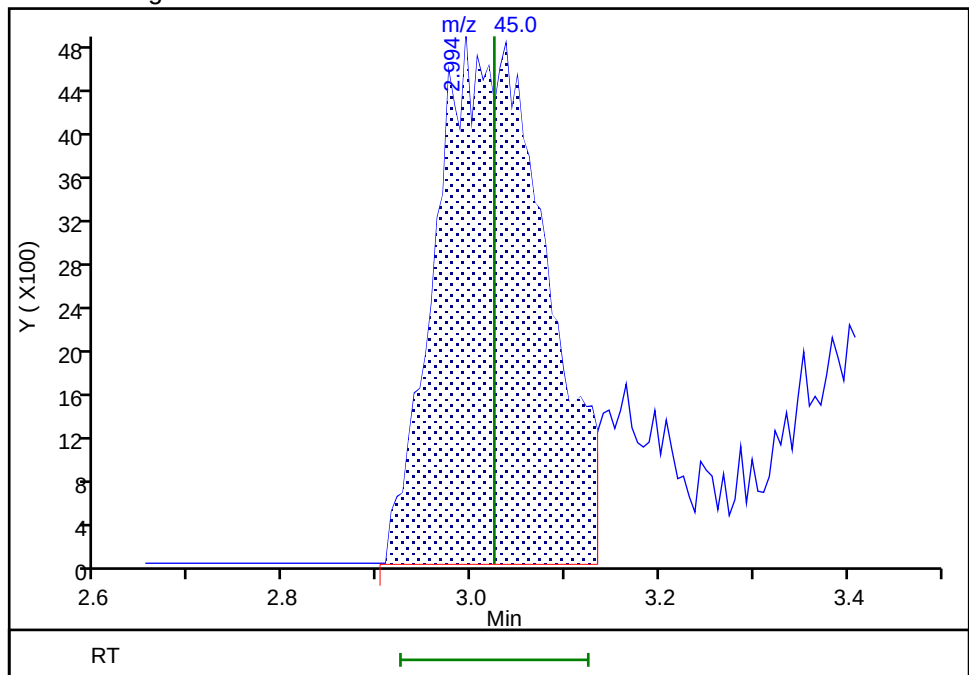
RT: 2.99
Area: 40656
Amount: 59.444728
Amount Units: ug/l

Processing Integration Results



RT: 2.99
Area: 38680
Amount: 54.825361
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:58:20 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

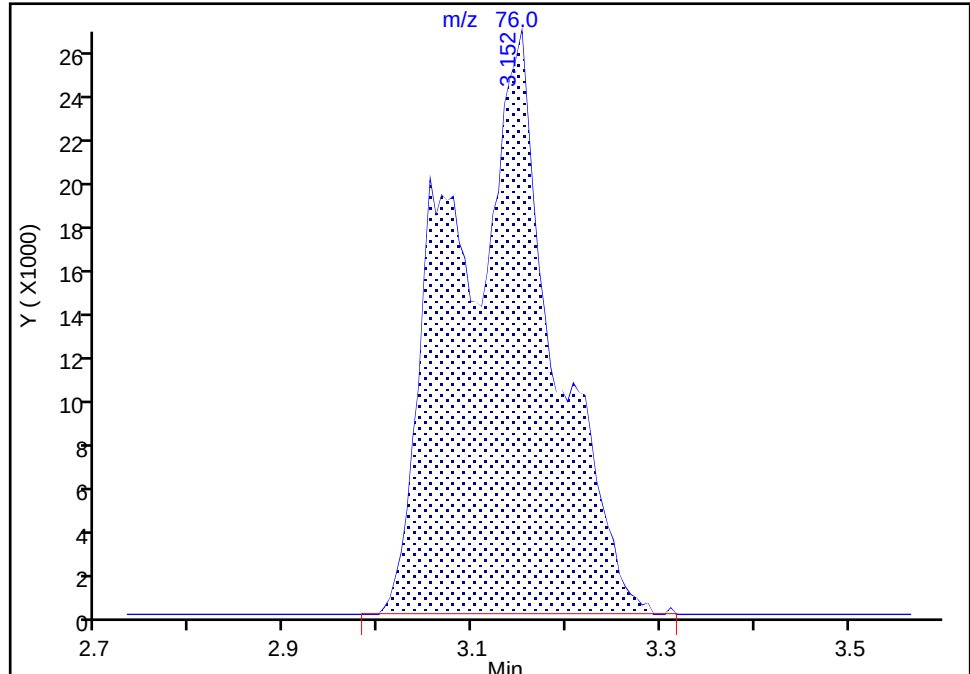
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Injection Date: 11-Aug-2025 19:39:30 Instrument ID: 26285
Lims ID: IC v10
Client ID:
Operator ID: knk41612 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

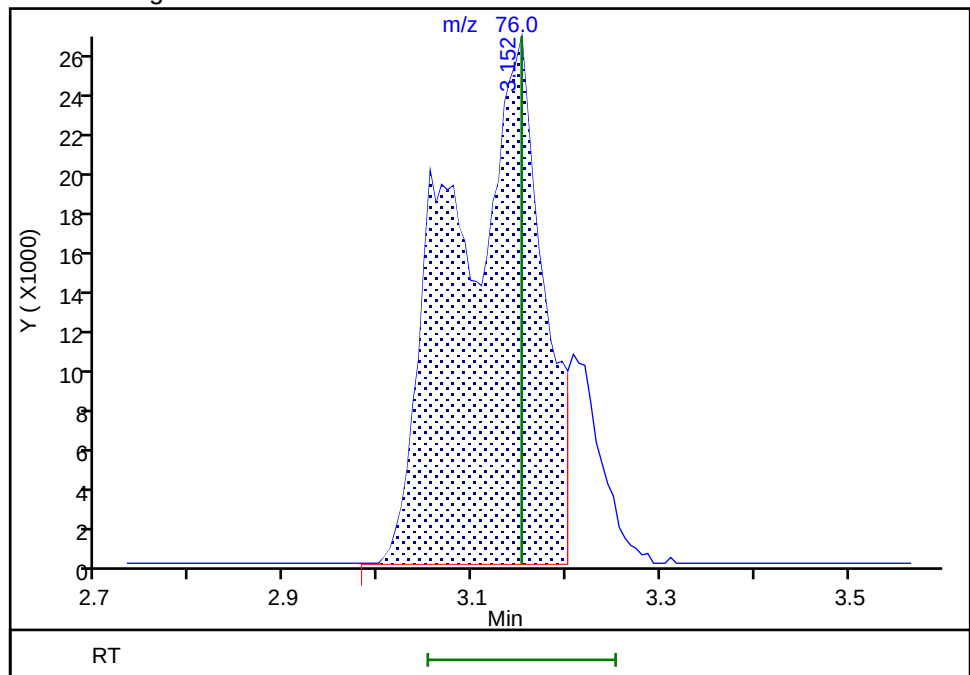
RT: 3.15
Area: 195164
Amount: 11.471321
Amount Units: ug/l

Processing Integration Results



RT: 3.15
Area: 172444
Amount: 10.828551
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:58:30 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

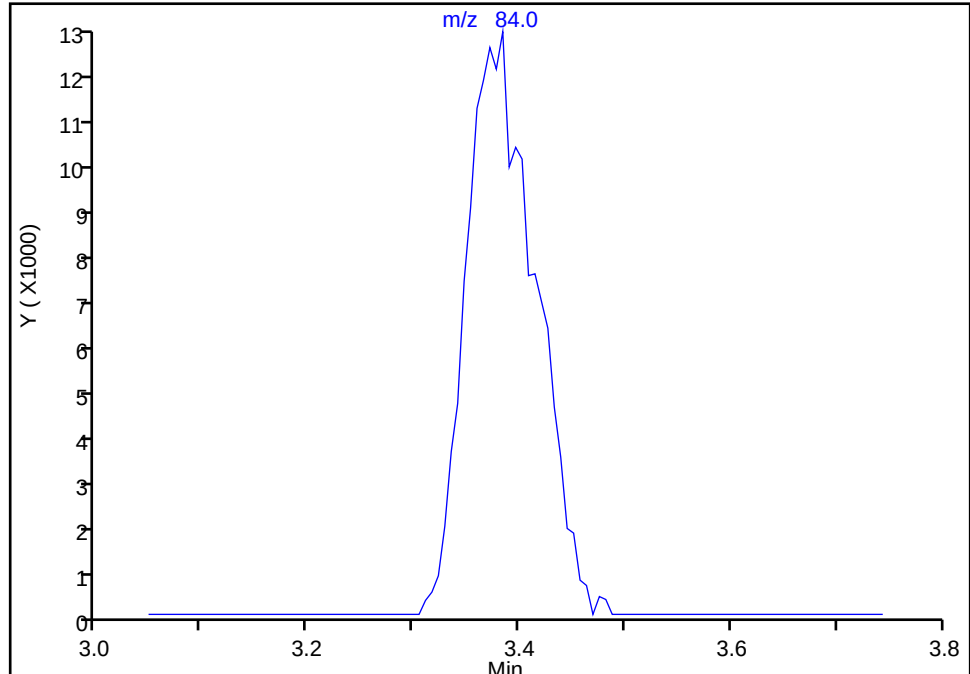
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Injection Date: 11-Aug-2025 19:39:30 Instrument ID: 26285
Lims ID: IC v10
Client ID:
Operator ID: knk41612 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

28 Methylene Chloride, CAS: 75-09-2

Signal: 1

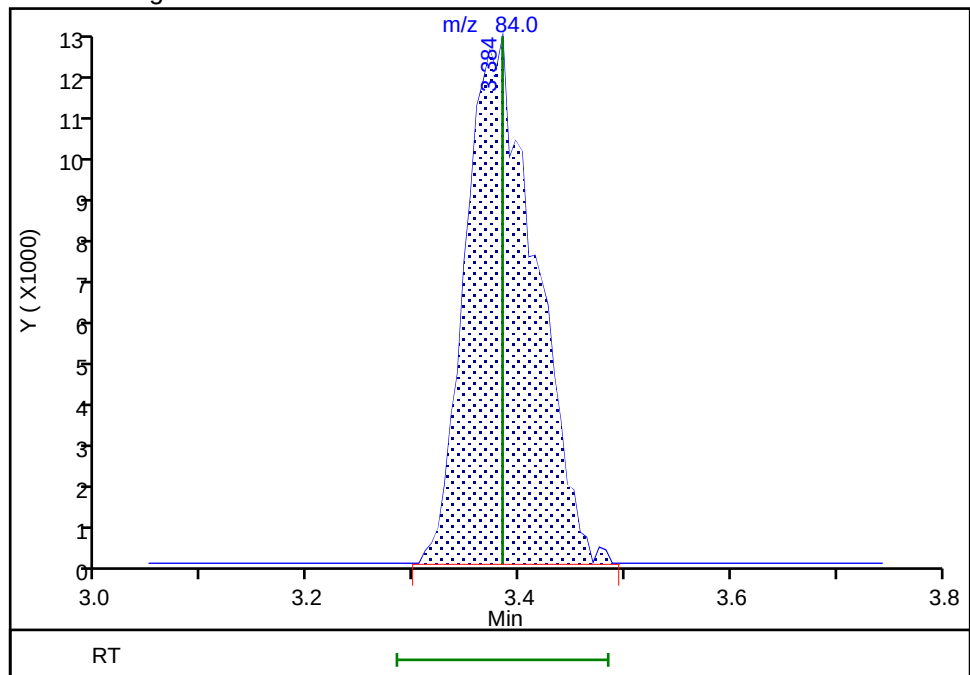
Not Detected
Expected RT: 3.38

Processing Integration Results



RT: 3.38
Area: 55611
Amount: 10.302638
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:58:40 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

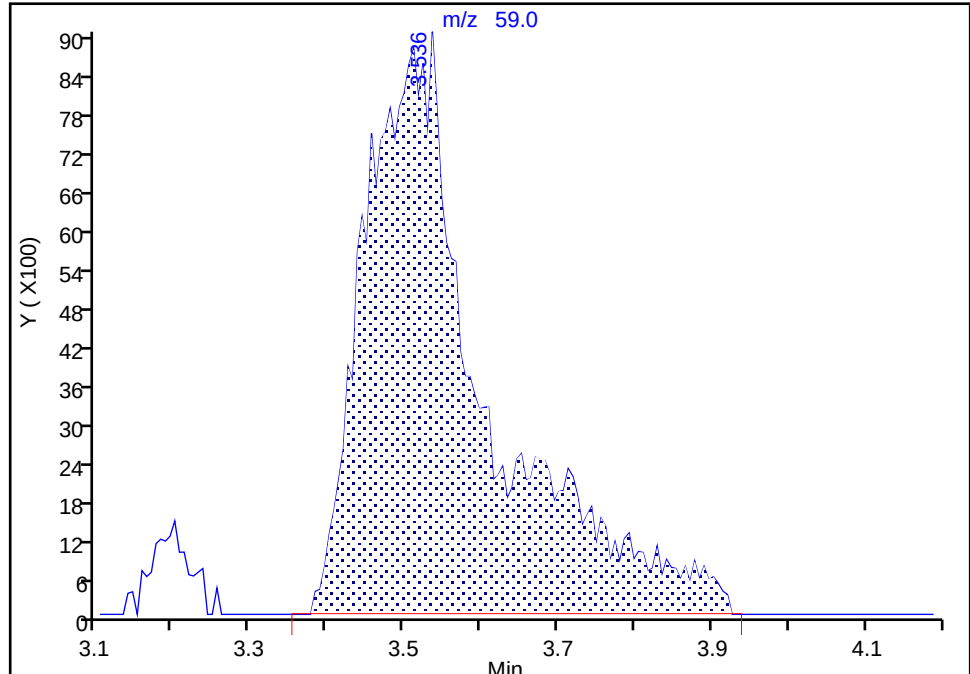
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Injection Date: 11-Aug-2025 19:39:30 Instrument ID: 26285
Lims ID: IC v10
Client ID:
Operator ID: knk41612 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

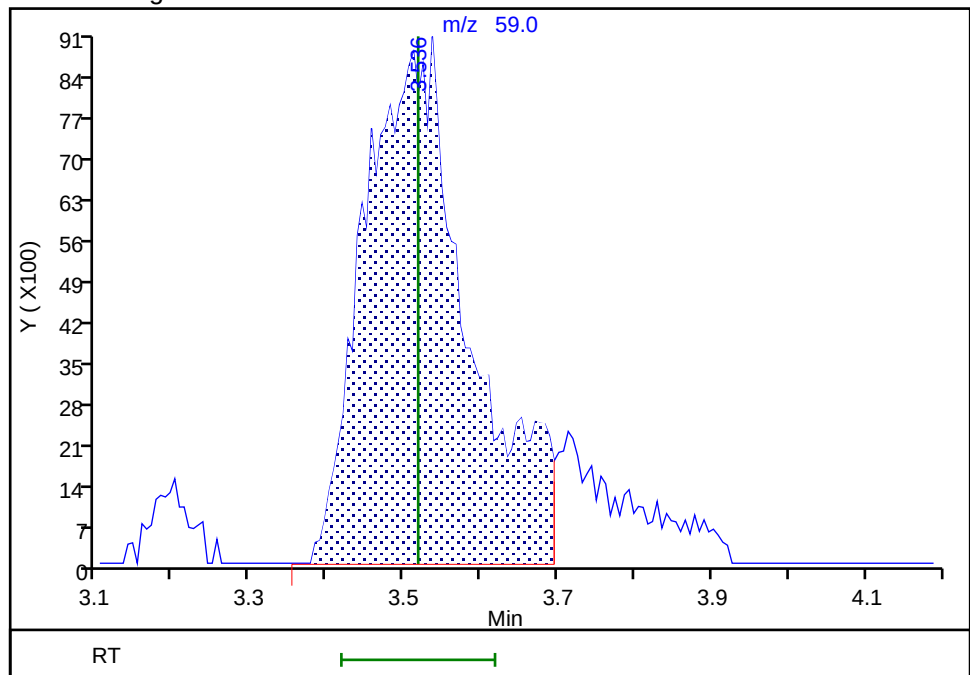
RT: 3.54
Area: 98637
Amount: 70.934769
Amount Units: ug/l

Processing Integration Results



RT: 3.54
Area: 84634
Amount: 62.667598
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:18:34 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

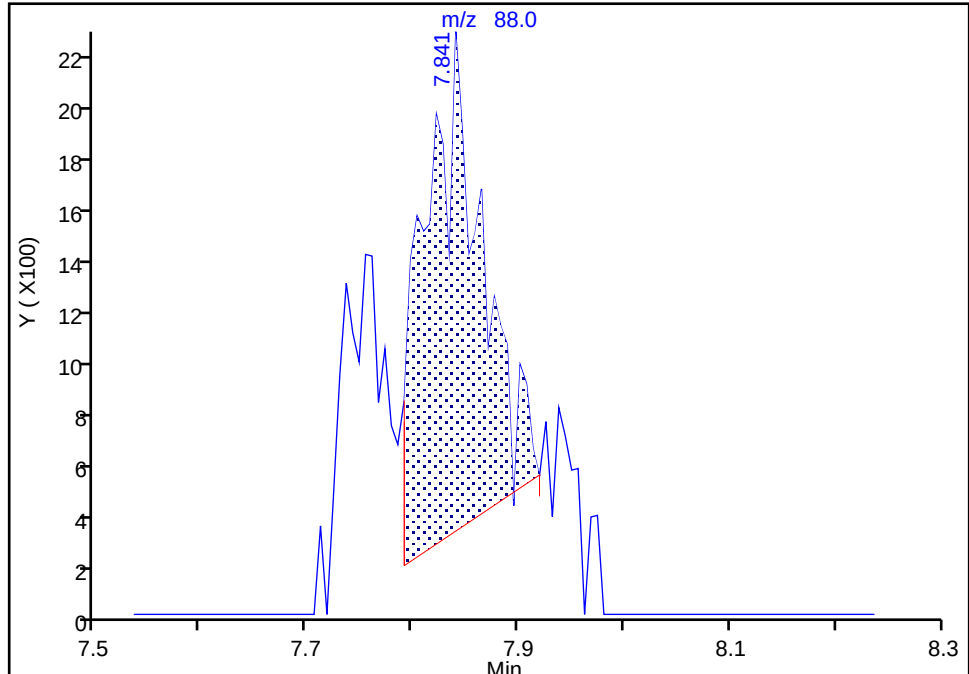
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Injection Date: 11-Aug-2025 19:39:30 Instrument ID: 26285
Lims ID: IC v10
Client ID:
Operator ID: knk41612 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

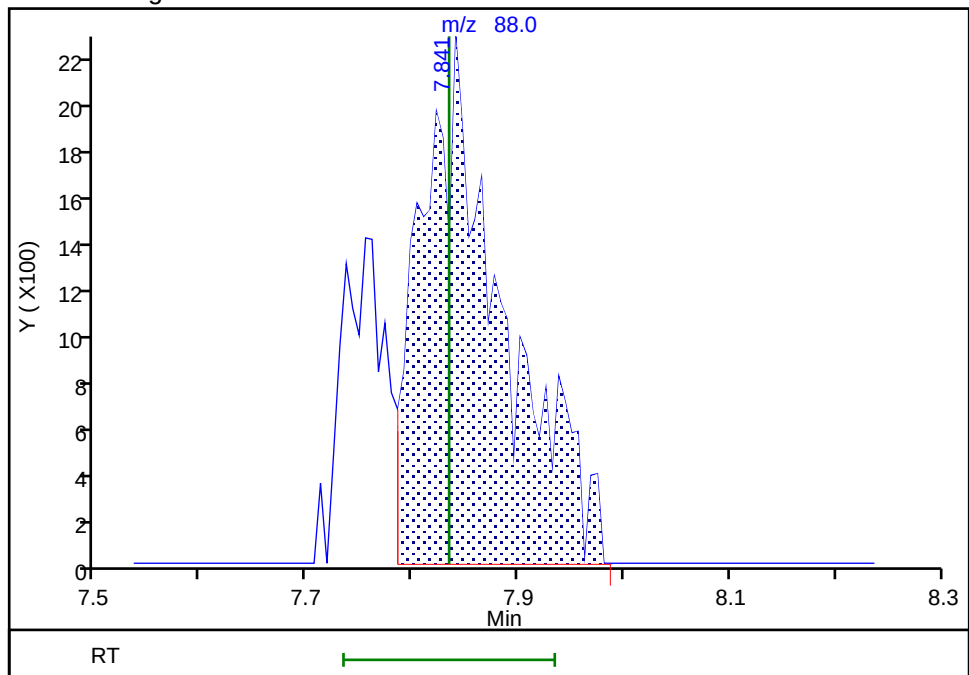
RT: 7.84
Area: 7295
Amount: 97.283792
Amount Units: ug/l

Processing Integration Results



RT: 7.84
Area: 12023
Amount: 143.6674
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:59:34 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X14.D
 Lims ID: IC v20
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 11-Aug-2025 20:00:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-015
 Misc. Info.: IC V20
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub89
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:06:50 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 22:57:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.580	1.579	0.001	99	212349	20.0	19.0	
4 Chloromethane	50	1.750	1.750	0.000	99	198633	20.0	18.7	
6 Vinyl chloride	62	1.842	1.841	0.001	98	174022	20.0	18.6	
5 Butadiene	39	1.872	1.866	0.006	96	162954	20.0	17.8	
9 Bromomethane	94	2.128	2.128	0.000	92	116393	20.0	18.8	
10 Chloroethane	64	2.153	2.152	0.001	99	84657	20.0	18.8	
11 Dichlorofluoromethane	67	2.396	2.396	0.000	97	264181	20.0	18.6	
12 Pentane	43	2.409	2.402	0.007	72	174802	20.0	22.9	M
13 Trichlorofluoromethane	101	2.433	2.439	-0.006	98	217513	20.0	18.7	
15 Ethyl ether	59	2.579	2.579	0.000	95	82345	20.0	20.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	2.665	2.683	-0.018	90	130446	20.0	18.6	
17 Acrolein	56	2.720	2.725	-0.005	98	363159	195.2	187.9	
18 1,1-Dichloroethene	96	2.841	2.835	0.006	97	100643	20.0	21.8	
19 Acetone	58	2.854	2.866	-0.012	98	33982	40.0	38.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.884	2.884	0.000	91	115330	20.0	21.7	
21 Iodomethane	142	3.012	3.018	-0.006	99	212819	20.0	21.0	
22 Isopropyl alcohol	45	3.043	3.024	0.019	68	69632	100.0	90.1	M
23 Carbon disulfide	76	3.152	3.152	0.000	99	351227	20.0	21.4	M
25 Methyl acetate	43	3.195	3.201	-0.006	98	135603	20.0	19.7	
26 3-Chloro-1-propene	41	3.219	3.219	0.000	85	169709	20.0	21.1	
28 Methylene Chloride	84	3.378	3.384	-0.006	94	116157	20.0	20.9	
* 29 t-Butyl alcohol-d10 (IS)	65	3.427	3.439	-0.012	93	387044	250.0	250.0	
30 2-Methyl-2-propanol	59	3.524	3.518	0.006	99	134213	100.0	90.7	M
31 Acrylonitrile	53	3.664	3.652	0.012	99	167032	50.0	51.1	
32 trans-1,2-Dichloroethene	96	3.707	3.713	-0.006	97	110307	20.0	21.6	
33 Methyl tert-butyl ether	73	3.707	3.713	-0.006	96	333560	20.0	20.3	
34 Hexane	57	4.079	4.091	-0.012	95	133385	20.0	22.5	
36 1,1-Dichloroethane	63	4.323	4.323	0.000	96	200203	20.0	21.4	
38 Isopropyl ether	45	4.384	4.390	-0.006	94	332471	20.0	20.8	
39 2-Chloro-1,3-butadiene	53	4.445	4.439	0.006	93	174579	20.0	21.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 Tert-butyl ethyl ether	59	4.957	4.963	-0.006	95	321081	20.0	20.6	
42 2-Butanone (MEK)	43	5.195	5.194	0.001	84	198779	40.0	39.2	
43 cis-1,2-Dichloroethene	96	5.207	5.207	0.000	84	121774	20.0	21.5	
44 2,2-Dichloropropane	77	5.225	5.231	-0.006	88	174495	20.0	21.3	
45 Propionitrile	54	5.298	5.298	0.000	95	142696	100.0	92.2	
46 Methyl acrylate	55	5.335	5.329	0.006	99	159742	20.0	20.7	
47 Methacrylonitrile	67	5.506	5.511	-0.005	95	161721	50.0	50.7	
48 Chlorobromomethane	128	5.554	5.554	0.000	95	59914	20.0	20.7	
49 Tetrahydrofuran	71	5.560	5.572	-0.012	92	132374	100.0	95.0	
50 Chloroform	83	5.725	5.725	0.000	94	205945	20.0	21.4	
52 1,1,1-Trichloroethane	97	5.945	5.944	0.000	60	183012	20.0	21.8	
\$ 51 Dibromofluoromethane (Surr)	113	5.951	5.950	0.001	93	284753	50.0	50.1	
53 Cyclohexane	56	6.042	6.042	0.000	94	186094	20.0	21.7	
S 54 1,2-Dichloroethene, Total	100				0			43.0	
55 Carbon tetrachloride	117	6.158	6.164	-0.006	79	161304	20.0	21.9	
56 1,1-Dichloropropene	75	6.176	6.170	0.006	94	157425	20.0	21.9	
57 Isobutyl alcohol	41	6.396	6.402	-0.006	89	123295	250.0	233.5	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.426	6.426	0.000	82	61476	50.0	49.8	
59 Benzene	78	6.451	6.444	0.006	97	449882	20.0	21.0	
60 1,2-Dichloroethane	62	6.530	6.536	-0.006	98	162260	20.0	20.6	
62 Tert-amyl methyl ether	73	6.658	6.664	-0.006	98	310482	20.0	20.1	
* 63 Fluorobenzene (IS)	96	6.877	6.877	0.000	98	1058718	50.0	50.0	
64 n-Heptane	43	6.902	6.908	-0.006	95	124349	20.0	22.2	
65 n-Butanol	56	7.316	7.328	-0.012	90	81103	250.0	239.7	
66 Trichloroethene	95	7.371	7.377	-0.006	98	119836	20.0	21.7	
67 Ethyl acrylate	55	7.536	7.535	0.001	99	168686	20.0	20.5	
68 Methylcyclohexane	83	7.688	7.688	0.000	92	182443	20.0	21.3	
69 1,2-Dichloropropane	63	7.731	7.731	0.000	95	114219	20.0	21.3	
70 2-ethoxy-2-methyl butane	87	7.755	7.755	0.000	88	150241	20.0	20.6	
72 1,4-Dioxane	88	7.834	7.834	0.000	50	20801	250.0	226.9	M
73 Dibromomethane	93	7.840	7.840	0.000	94	74285	20.0	20.3	
74 Methyl methacrylate	69	7.847	7.846	0.001	92	91524	20.0	19.9	
76 Dichlorobromomethane	83	8.103	8.102	0.001	98	144784	20.0	20.4	
77 2-Nitropropane	41	8.401	8.401	0.000	99	265524	100.0	94.9	
78 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	94	81470	20.0	20.9	
79 cis-1,3-Dichloropropene	75	8.688	8.688	0.000	94	174488	20.0	20.8	
83 4-Methyl-2-pentanone (MIBK)	43	8.895	8.901	-0.006	98	382244	40.0	39.5	
\$ 84 Toluene-d8 (Surr)	98	9.029	9.029	0.000	94	1022820	50.0	50.4	
85 Toluene	92	9.115	9.114	0.001	98	282662	20.0	21.6	
86 trans-1,3-Dichloropropene	75	9.432	9.438	-0.006	95	158339	20.0	20.6	
87 Ethyl methacrylate	69	9.523	9.523	0.000	89	156119	20.0	20.4	
88 1,1,2-Trichloroethane	97	9.663	9.663	0.000	92	95478	20.0	20.0	
89 Tetrachloroethene	166	9.736	9.736	0.000	98	132567	20.0	23.0	
91 1,3-Dichloropropane	76	9.840	9.840	0.000	95	153480	20.0	20.7	
92 2-Hexanone	43	9.913	9.913	0.000	98	268777	40.0	39.4	
S 98 1,3-Dichloropropene, Total	100				0			41.4	
100 Chlorodibromomethane	129	10.066	10.072	-0.006	90	117490	20.0	20.7	
101 Ethylene Dibromide	107	10.181	10.181	0.000	99	102879	20.0	20.2	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	85	767114	50.0	50.0	
130 Chlorobenzene	112	10.687	10.687	0.000	94	307026	20.0	21.3	
129 1-Chlorohexane	91	10.681	10.687	-0.006	67	138375	20.0	22.7	
131 1,1,1,2-Tetrachloroethane	131	10.779	10.779	0.000	96	119435	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
132 Ethylbenzene	91	10.785	10.785	0.000	99	555523	20.0	21.9	
133 m-Xylene & p-Xylene	106	10.913	10.913	0.000	99	427452	40.0	44.1	
134 n-Butyl acrylate	55	11.230	11.230	0.000	95	241170	20.0	21.1	
S 135 Xylenes, Total	106				0			66.1	
136 o-Xylene	106	11.261	11.260	0.001	97	218652	20.0	22.0	
137 Styrene	104	11.279	11.279	0.000	96	348095	20.0	21.6	
138 Bromoform	173	11.437	11.437	0.000	97	87648	20.0	19.6	
139 Isopropylbenzene	105	11.584	11.583	0.001	96	566834	20.0	21.5	
141 Cyclohexanone	55	11.657	11.657	0.000	95	170572	500.0	384.4	
\$ 143 4-Bromofluorobenzene (Surr)	95	11.730	11.730	0.000	95	369631	50.0	49.7	
144 Bromobenzene	156	11.846	11.846	0.000	94	136785	20.0	20.6	
145 1,1,2,2-Tetrachloroethane	83	11.852	11.852	0.000	94	177683	20.0	19.9	
146 trans-1,4-Dichloro-2-butene	53	11.876	11.882	-0.006	91	132388	50.0	50.5	
147 1,2,3-Trichloropropane	110	11.895	11.894	0.001	83	50351	20.0	19.7	
148 N-Propylbenzene	91	11.931	11.931	0.000	99	644904	20.0	21.4	
150 2-Chlorotoluene	126	12.004	12.004	0.000	96	132097	20.0	21.8	
152 1,3,5-Trimethylbenzene	105	12.077	12.077	0.000	94	453279	20.0	21.2	
153 4-Chlorotoluene	126	12.102	12.102	0.000	98	127850	20.0	21.7	
154 tert-Butylbenzene	134	12.327	12.327	0.000	94	79879	20.0	21.6	
156 1,2,4-Trimethylbenzene	105	12.376	12.376	0.000	97	469139	20.0	22.2	
158 sec-Butylbenzene	105	12.504	12.498	0.006	95	528318	20.0	21.4	
159 1,3-Dichlorobenzene	146	12.596	12.595	0.001	98	244028	20.0	21.3	
160 4-Isopropyltoluene	119	12.614	12.614	0.000	97	468315	20.0	21.3	
* 163 1,4-Dichlorobenzene-d4	152	12.657	12.657	0.000	93	441433	50.0	50.0	
164 1,4-Dichlorobenzene	146	12.675	12.675	0.000	96	246704	20.0	21.0	
165 1,2,3-Trimethylbenzene	105	12.687	12.687	0.000	99	466029	20.0	21.0	
166 Benzyl chloride	91	12.754	12.754	0.000	99	343570	20.0	20.7	
167 1,3-Diethylbenzene	119	12.827	12.827	0.000	96	254334	20.0	21.5	
168 p-Diethylbenzene	119	12.900	12.900	0.000	93	272745	20.0	21.5	
169 n-Butylbenzene	92	12.919	12.919	0.000	98	218959	20.0	21.8	
171 1,2-Dichlorobenzene	146	12.943	12.943	0.000	99	246768	20.0	21.0	
172 o-diethylbenzene	119	12.974	12.973	0.001	95	217453	20.0	21.3	
173 1,2-Dibromo-3-Chloropropane	75	13.504	13.504	0.000	86	51129	20.0	20.8	
175 1,3,5-Trichlorobenzene	180	13.632	13.632	0.000	97	173266	20.0	22.6	
176 1,2,4-Trichlorobenzene	180	14.071	14.071	0.000	93	170720	20.0	22.4	
177 2-Ethylhexyl acrylate	55	14.150	14.150	0.000	83	150356	20.0	21.9	
178 Hexachlorobutadiene	225	14.156	14.156	0.000	93	69014	20.0	20.9	
179 Naphthalene	128	14.254	14.254	0.000	97	646455	20.0	22.0	
180 1,2,3-Trichlorobenzene	180	14.400	14.400	0.000	96	168164	20.0	22.8	
181 2-Methylnaphthalene	142	15.004	15.004	0.000	93	298931	20.0	23.3	
S 213 Total Diethylbenzene	1				0			64.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_CYC_00012	Amount Added: 16.00	Units: uL	
MSV_CCV_GASES_01127	Amount Added: 2.00	Units: uL	
MSV_CCV_VOC#3_00250	Amount Added: 3.20	Units: uL	
MSV_CCV_2CEVE_00240	Amount Added: 4.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 4.00	Units: uL	
MSV_CCV_VOC#1_00248	Amount Added: 4.00	Units: uL	
MSV_CCV_OH_Sp_00023	Amount Added: 4.00	Units: uL	
MSV_Cent_ISSS_00041	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 12-Aug-2025 14:06:51

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X14.D

Injection Date: 11-Aug-2025 20:00:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC v20

Worklist Smp#: 15

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

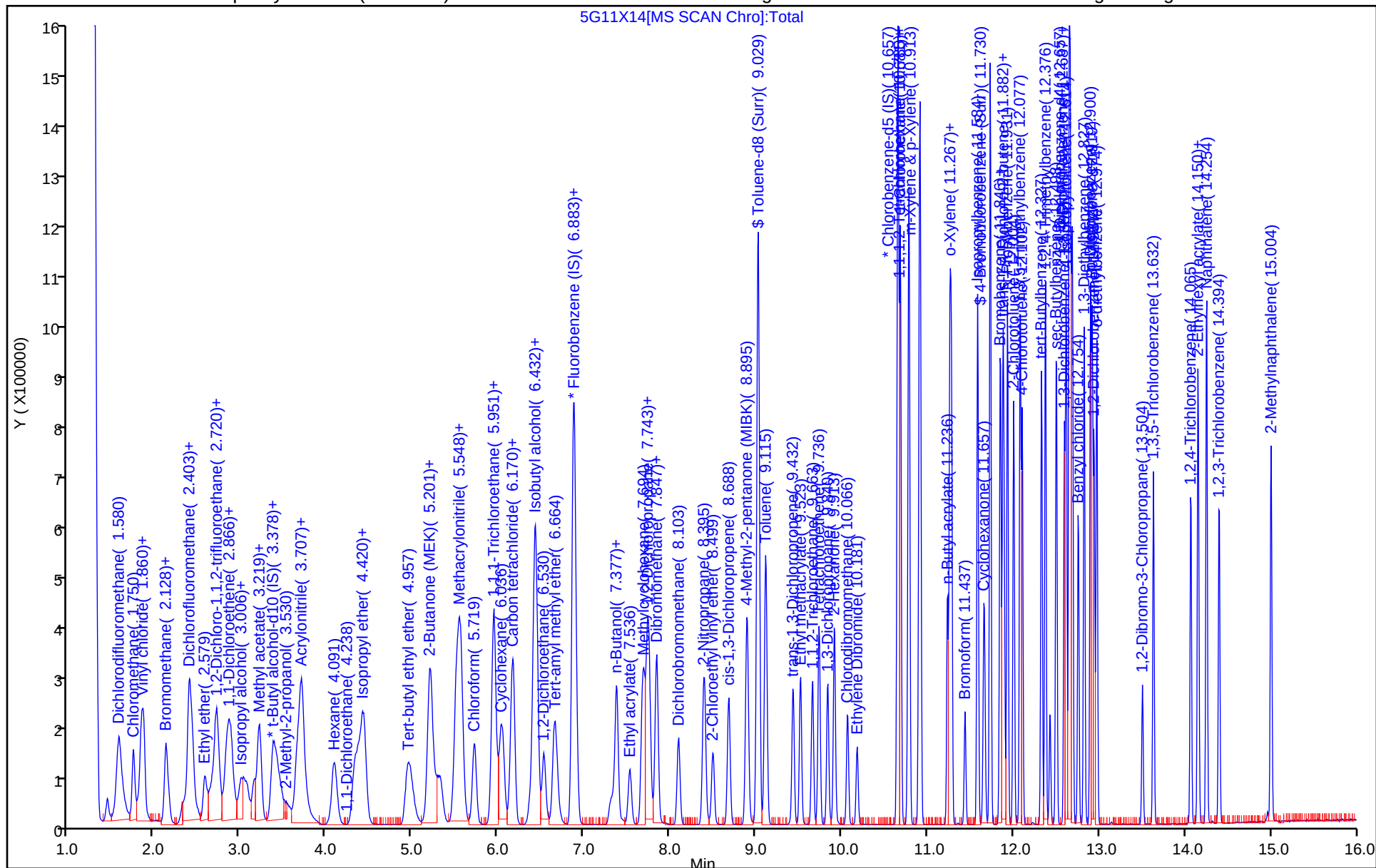
ALS Bottle#: 14

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

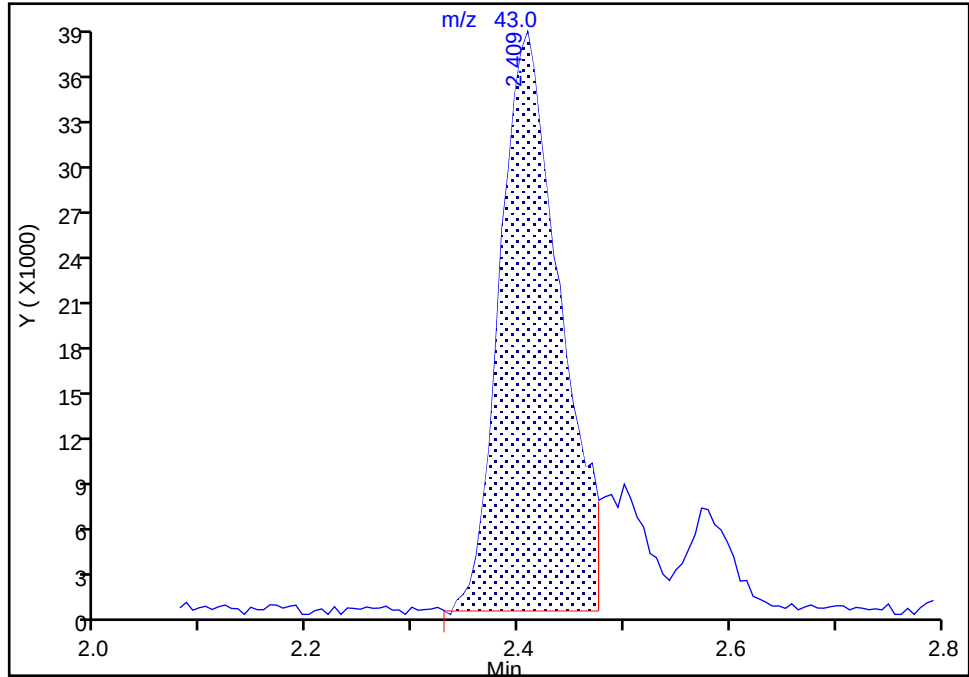
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Injection Date: 11-Aug-2025 20:00:30 Instrument ID: 26285
Lims ID: IC v20
Client ID:
Operator ID: knk41612 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

12 Pentane, CAS: 109-66-0

Signal: 1

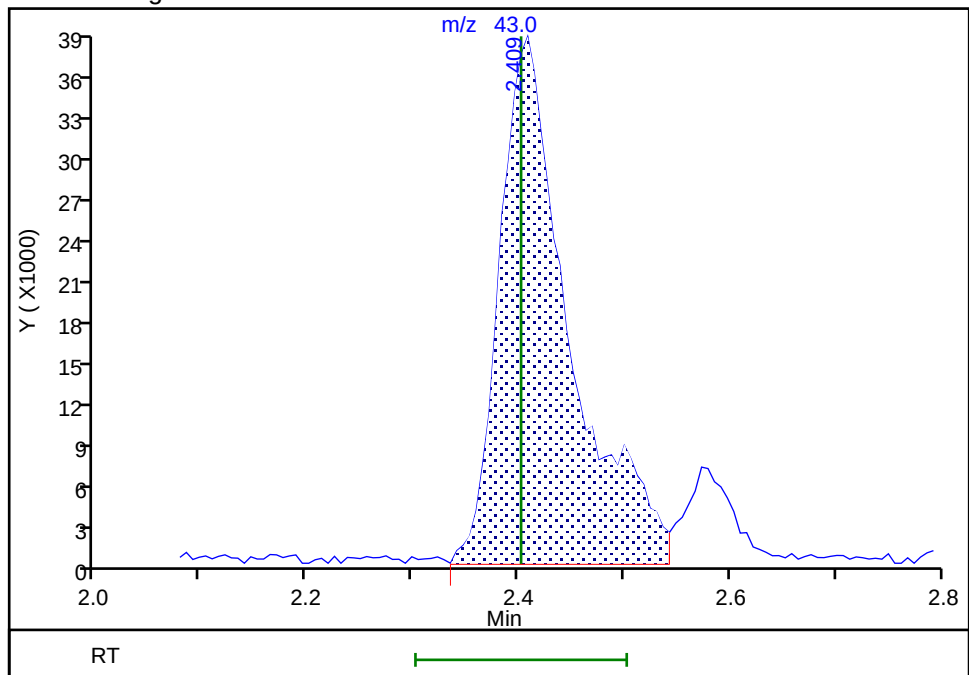
RT: 2.41
Area: 149494
Amount: 19.262247
Amount Units: ug/l

Processing Integration Results



RT: 2.41
Area: 174802
Amount: 22.889693
Amount Units: ug/l

Manual Integration Results



Reviewer: UKEK, 12-Aug-2025 13:34:55 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

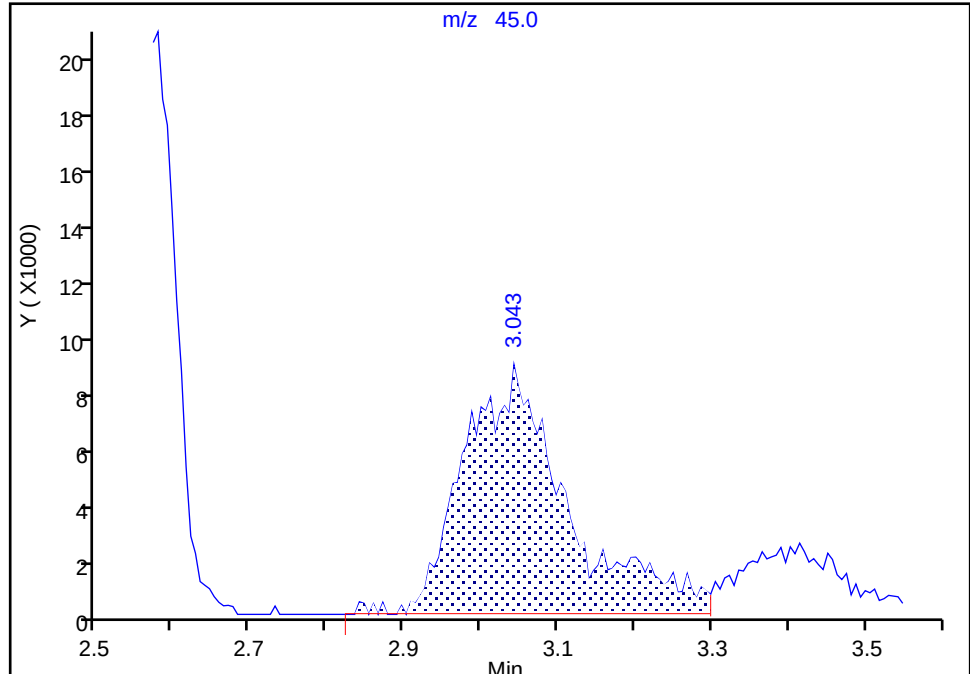
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Injection Date: 11-Aug-2025 20:00:30 Instrument ID: 26285
Lims ID: IC v20
Client ID:
Operator ID: knk41612 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

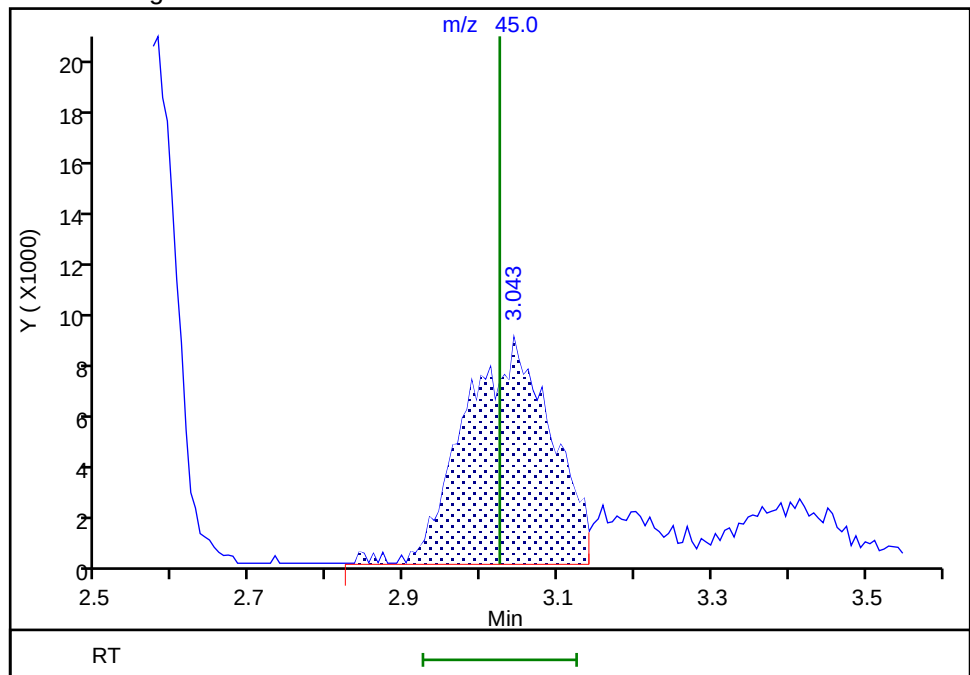
RT: 3.04
Area: 83035
Amount: 105.4574
Amount Units: ug/l

Processing Integration Results



RT: 3.04
Area: 69632
Amount: 90.096282
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:56:38 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

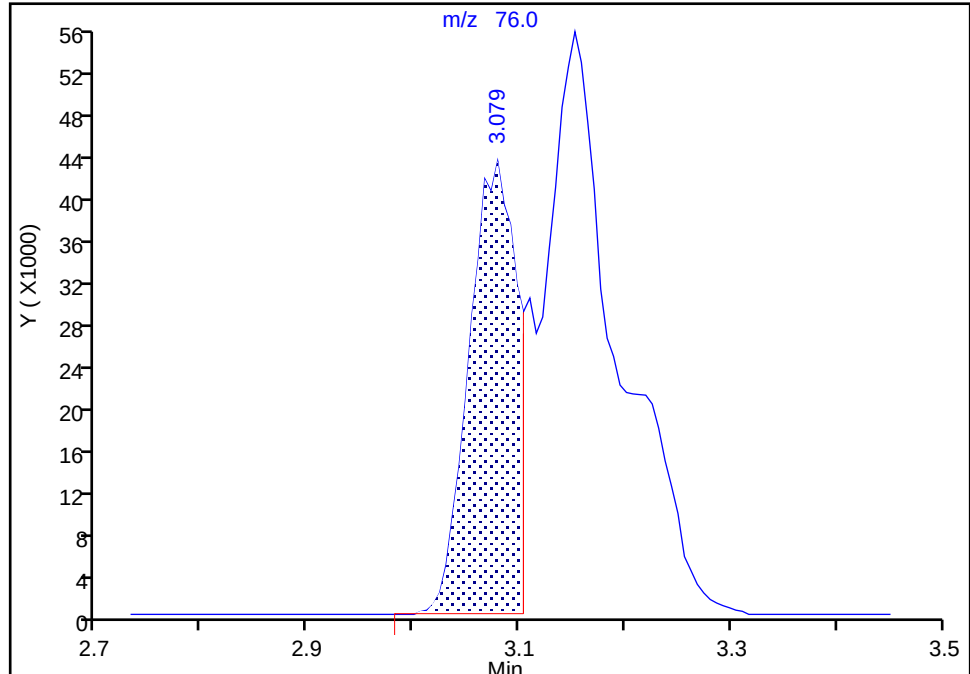
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Injection Date: 11-Aug-2025 20:00:30 Instrument ID: 26285
Lims ID: IC v20
Client ID:
Operator ID: knk41612 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

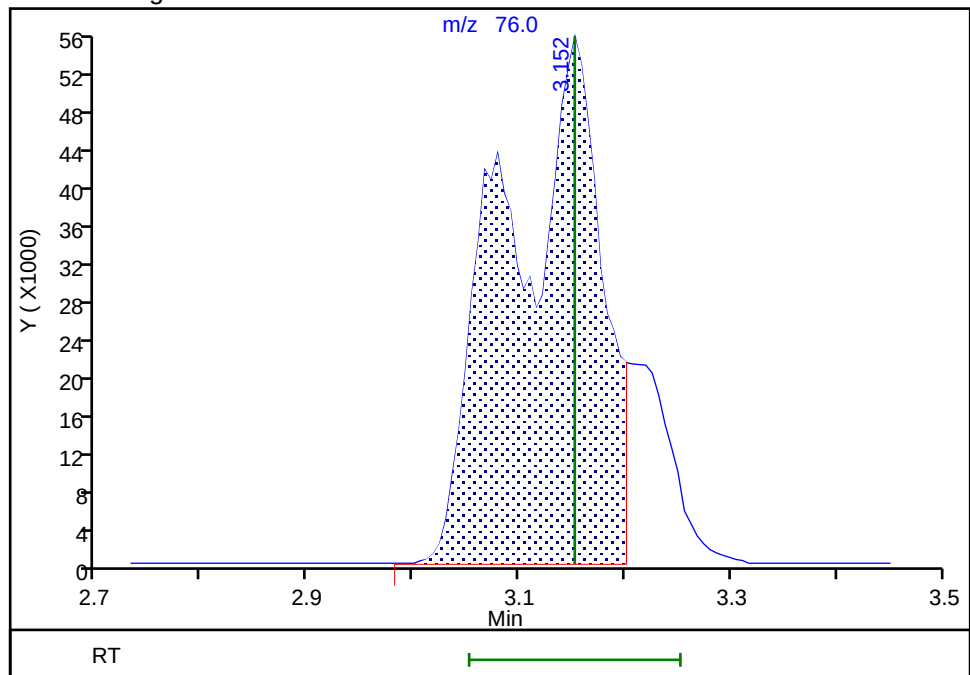
RT: 3.08
Area: 137962
Amount: 9.505462
Amount Units: ug/l

Processing Integration Results



RT: 3.15
Area: 351227
Amount: 21.441489
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:56:48 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

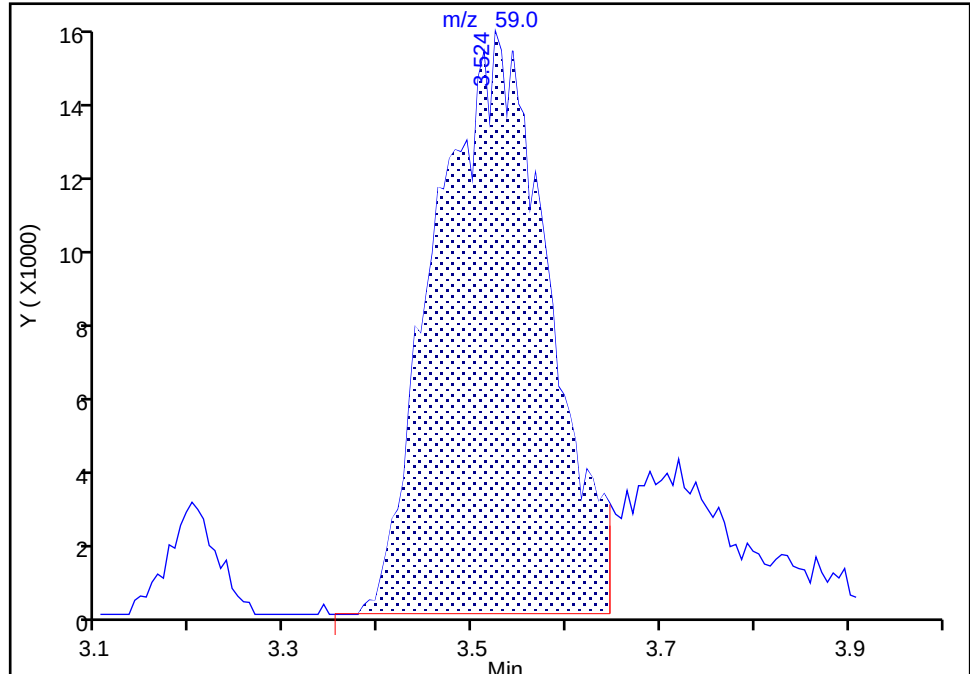
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Injection Date: 11-Aug-2025 20:00:30 Instrument ID: 26285
Lims ID: IC v20
Client ID:
Operator ID: knk41612 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

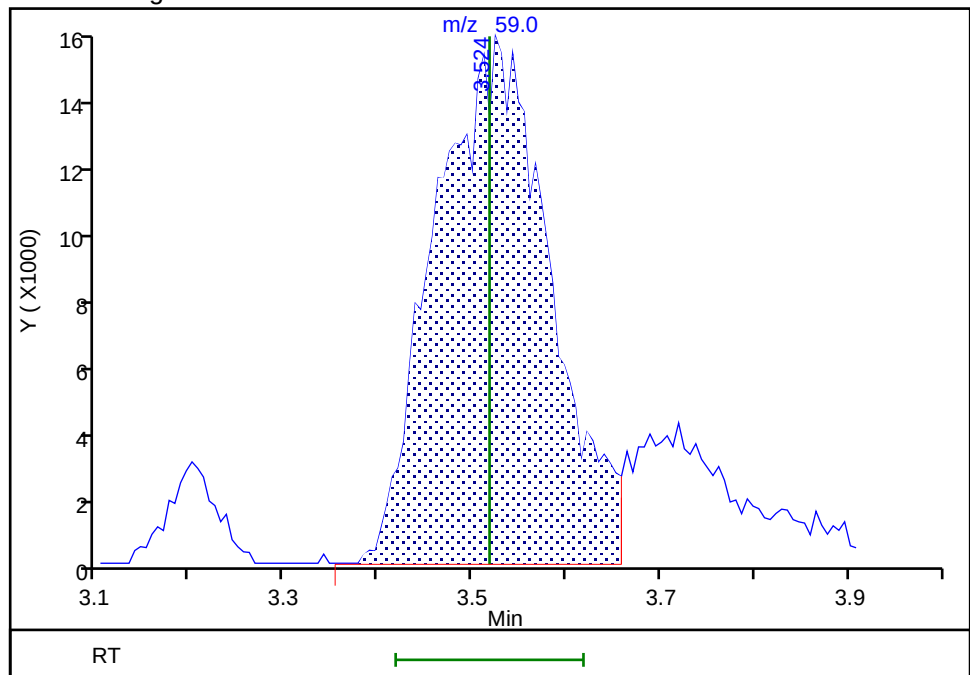
RT: 3.52
Area: 132268
Amount: 86.990128
Amount Units: ug/l

Processing Integration Results



RT: 3.52
Area: 134213
Amount: 90.718473
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:18:11 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

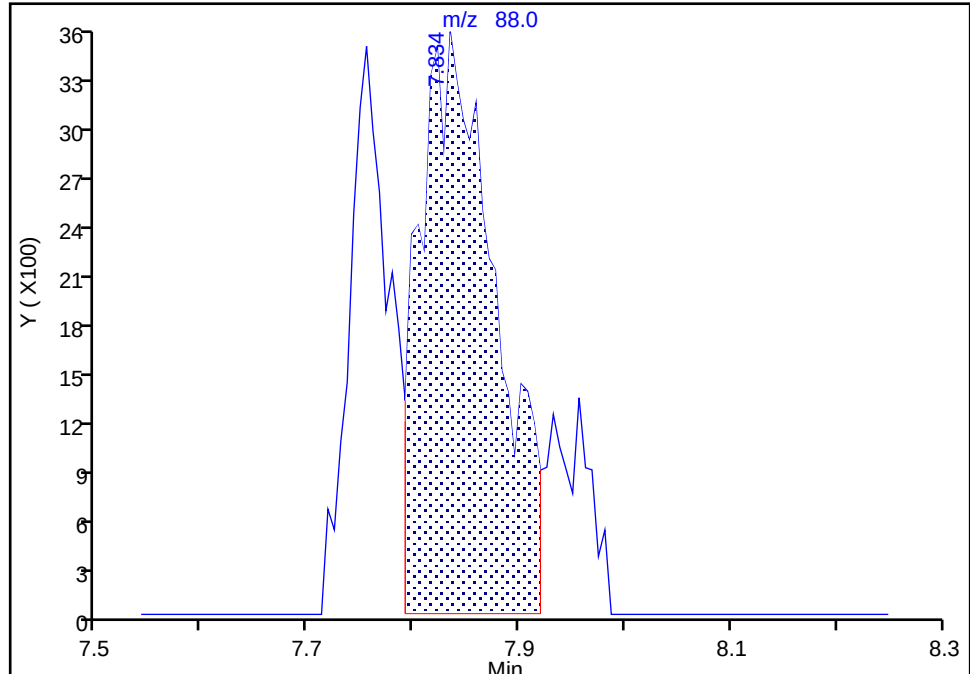
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Injection Date: 11-Aug-2025 20:00:30 Instrument ID: 26285
Lims ID: IC v20
Client ID:
Operator ID: knk41612 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

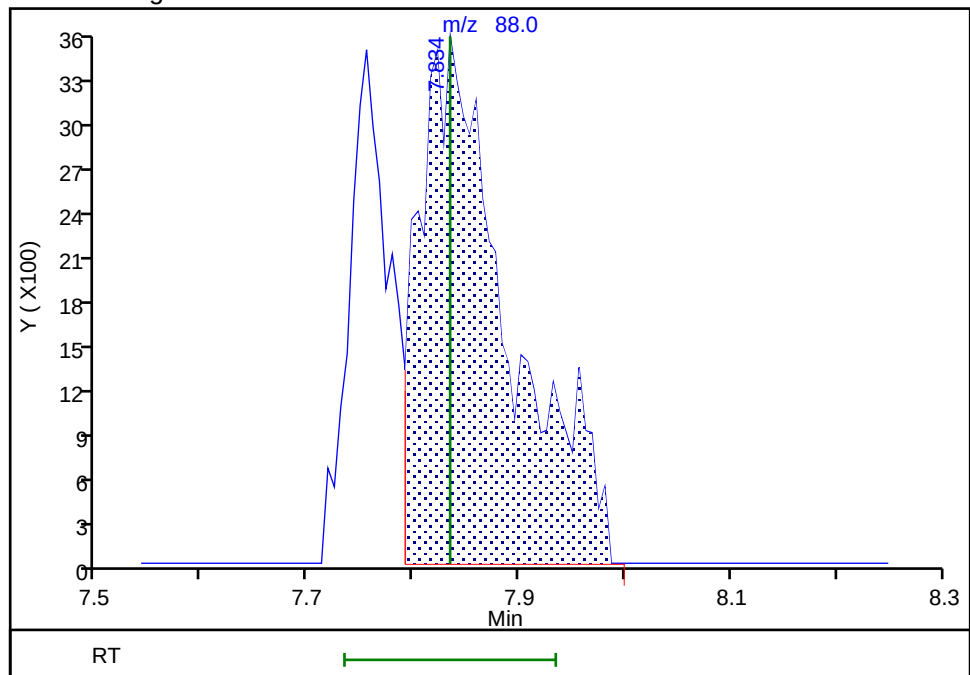
RT: 7.83
Area: 17649
Amount: 220.4918
Amount Units: ug/l

Processing Integration Results



RT: 7.83
Area: 20801
Amount: 226.8990
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:57:08 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X15.D
 Lims ID: ICIS v50
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 11-Aug-2025 20:20:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-016
 Misc. Info.: ICIS V50
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub89
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:07:13 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 22:46:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.579	1.579	0.000	99	599487	50.0	53.0	
4 Chloromethane	50	1.750	1.750	0.000	99	534454	50.0	49.7	
6 Vinyl chloride	62	1.841	1.841	0.000	98	487806	50.0	51.6	
5 Butadiene	39	1.866	1.866	0.000	96	448823	50.0	48.5	
9 Bromomethane	94	2.128	2.128	0.000	91	327263	50.0	52.3	
10 Chloroethane	64	2.152	2.152	0.000	98	233246	50.0	51.3	
11 Dichlorofluoromethane	67	2.396	2.396	0.000	97	722652	50.0	50.3	
12 Pentane	43	2.402	2.402	0.000	98	438219	50.0	56.7	
13 Trichlorofluoromethane	101	2.439	2.439	0.000	99	618819	50.0	52.4	
15 Ethyl ether	59	2.579	2.579	0.000	94	205205	50.0	50.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	2.683	2.683	0.000	92	367510	50.0	51.9	
17 Acrolein	56	2.725	2.725	0.000	98	856266	487.9	480.0	
18 1,1-Dichloroethene	96	2.835	2.835	0.000	97	255638	50.0	54.6	
19 Acetone	58	2.866	2.866	0.000	99	78742	100.0	97.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.884	2.884	0.000	90	294698	50.0	54.8	
21 Iodomethane	142	3.018	3.018	0.000	98	545137	50.0	53.1	
22 Isopropyl alcohol	45	3.024	3.024	0.000	93	171468	250.0	240.3	
23 Carbon disulfide	76	3.152	3.152	0.000	99	896874	50.0	54.1	Ma
25 Methyl acetate	43	3.201	3.201	0.000	98	328166	50.0	47.2	
26 3-Chloro-1-propene	41	3.219	3.219	0.000	87	436251	50.0	53.5	
28 Methylene Chloride	84	3.384	3.384	0.000	94	292365	50.0	52.0	
* 29 t-Butyl alcohol-d10 (IS)	65	3.439	3.439	0.000	91	357311	250.0	250.0	
30 2-Methyl-2-propanol	59	3.518	3.518	0.000	99	329524	250.0	241.3	
31 Acrylonitrile	53	3.652	3.652	0.000	97	412326	125.0	124.5	
32 trans-1,2-Dichloroethene	96	3.713	3.713	0.000	97	274966	50.0	53.2	
33 Methyl tert-butyl ether	73	3.713	3.713	0.000	96	857748	50.0	51.6	
34 Hexane	57	4.091	4.091	0.000	95	345576	50.0	56.0	
36 1,1-Dichloroethane	63	4.323	4.323	0.000	96	512599	50.0	54.2	
38 Isopropyl ether	45	4.390	4.390	0.000	94	852841	50.0	52.7	
39 2-Chloro-1,3-butadiene	53	4.439	4.439	0.000	93	453169	50.0	55.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 Tert-butyl ethyl ether	59	4.963	4.963	0.000	99	844896	50.0	53.7	
42 2-Butanone (MEK)	43	5.194	5.194	0.000	83	462180	100.0	90.1	
43 cis-1,2-Dichloroethene	96	5.207	5.207	0.000	83	307472	50.0	53.5	
44 2,2-Dichloropropane	77	5.231	5.231	0.000	90	446115	50.0	53.9	
45 Propionitrile	54	5.298	5.298	0.000	97	362328	250.0	253.5	
46 Methyl acrylate	55	5.329	5.329	0.000	99	387464	50.0	49.7	
47 Methacrylonitrile	67	5.511	5.511	0.000	93	411246	125.0	127.4	
48 Chlorobromomethane	128	5.554	5.554	0.000	96	153775	50.0	52.4	
49 Tetrahydrofuran	71	5.572	5.572	0.000	90	322969	250.0	251.2	
50 Chloroform	83	5.725	5.725	0.000	95	515914	50.0	52.9	
52 1,1,1-Trichloroethane	97	5.944	5.944	0.000	98	474372	50.0	55.9	
\$ 51 Dibromofluoromethane (Surr)	113	5.950	5.950	0.000	86	284355	50.0	49.5	
53 Cyclohexane	56	6.042	6.042	0.000	93	489782	50.0	56.4	
55 Carbon tetrachloride	117	6.164	6.164	0.000	97	421185	50.0	56.6	
56 1,1-Dichloropropene	75	6.170	6.170	0.000	96	402423	50.0	55.2	
57 Isobutyl alcohol	41	6.402	6.402	0.000	92	283482	625.0	581.5	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.426	6.426	0.000	97	62112	50.0	49.7	
59 Benzene	78	6.444	6.444	0.000	98	1160979	50.0	53.6	
60 1,2-Dichloroethane	62	6.536	6.536	0.000	98	413185	50.0	51.8	
62 Tert-amyl methyl ether	73	6.664	6.664	0.000	98	815543	50.0	52.3	
* 63 Fluorobenzene (IS)	96	6.883	6.883	0.000	98	1071785	50.0	50.0	
64 n-Heptane	43	6.908	6.908	0.000	94	314147	50.0	53.3	
65 n-Butanol	56	7.328	7.328	0.000	93	197015	625.0	630.7	
66 Trichloroethene	95	7.377	7.377	0.000	97	309199	50.0	55.3	
67 Ethyl acrylate	55	7.535	7.535	0.000	99	433722	50.0	52.0	
68 Methylcyclohexane	83	7.688	7.688	0.000	92	475548	50.0	53.5	
69 1,2-Dichloropropane	63	7.731	7.731	0.000	96	289849	50.0	53.4	
70 2-ethoxy-2-methyl butane	87	7.755	7.755	0.000	90	382108	50.0	51.7	
72 1,4-Dioxane	88	7.834	7.834	0.000	84	48200	625.0	569.5	M
73 Dibromomethane	93	7.840	7.840	0.000	94	192434	50.0	51.8	
74 Methyl methacrylate	69	7.846	7.846	0.000	92	240379	50.0	51.5	
76 Dichlorobromomethane	83	8.102	8.102	0.000	99	391458	50.0	54.5	
77 2-Nitropropane	41	8.401	8.401	0.000	99	686691	250.0	266.0	
78 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	93	196551	50.0	49.9	
79 cis-1,3-Dichloropropene	75	8.688	8.688	0.000	93	463389	50.0	54.5	
83 4-Methyl-2-pentanone (MIBK)	43	8.901	8.901	0.000	98	966092	100.0	98.5	
\$ 84 Toluene-d8 (Surr)	98	9.029	9.029	0.000	94	1050754	50.0	50.2	
85 Toluene	92	9.114	9.114	0.000	98	730256	50.0	54.1	
86 trans-1,3-Dichloropropene	75	9.438	9.438	0.000	96	417013	50.0	52.7	
87 Ethyl methacrylate	69	9.523	9.523	0.000	90	405764	50.0	51.3	
88 1,1,2-Trichloroethane	97	9.663	9.663	0.000	92	251924	50.0	51.2	
89 Tetrachloroethene	166	9.736	9.736	0.000	98	340045	50.0	57.2	
91 1,3-Dichloropropane	76	9.840	9.840	0.000	95	401696	50.0	52.6	
92 2-Hexanone	43	9.913	9.913	0.000	98	696000	100.0	98.9	
100 Chlorodibromomethane	129	10.072	10.072	0.000	90	311344	50.0	53.3	
101 Ethylene Dibromide	107	10.181	10.181	0.000	98	274295	50.0	52.2	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	85	790651	50.0	50.0	
130 Chlorobenzene	112	10.687	10.687	0.000	95	805726	50.0	54.2	
129 1-Chlorohexane	91	10.687	10.687	0.000	66	365973	50.0	58.2	
131 1,1,1,2-Tetrachloroethane	131	10.779	10.779	0.000	96	311630	50.0	53.9	
132 Ethylbenzene	91	10.785	10.785	0.000	98	1444828	50.0	55.2	
133 m-Xylene & p-Xylene	106	10.913	10.913	0.000	99	1123853	100.0	112.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
134 n-Butyl acrylate	55	11.230	11.230	0.000	96	608142	50.0	51.6	
136 o-Xylene	106	11.260	11.260	0.000	97	567594	50.0	55.5	
137 Styrene	104	11.279	11.279	0.000	95	900907	50.0	54.3	
138 Bromoform	173	11.437	11.437	0.000	98	243850	50.0	52.8	
139 Isopropylbenzene	105	11.583	11.583	0.000	96	1487443	50.0	54.7	
141 Cyclohexanone	55	11.657	11.657	0.000	94	198559	625.0	484.7	
\$ 143 4-Bromofluorobenzene (Surr)	95	11.730	11.730	0.000	94	384428	50.0	50.2	
144 Bromobenzene	156	11.846	11.846	0.000	94	361984	50.0	54.2	
145 1,1,2,2-Tetrachloroethane	83	11.852	11.852	0.000	94	455993	50.0	50.8	
146 trans-1,4-Dichloro-2-butene	53	11.882	11.882	0.000	91	345798	125.0	130.8	
147 1,2,3-Trichloropropane	110	11.894	11.894	0.000	83	131672	50.0	51.1	
148 N-Propylbenzene	91	11.931	11.931	0.000	99	1681833	50.0	55.5	
150 2-Chlorotoluene	126	12.004	12.004	0.000	96	342562	50.0	56.0	
152 1,3,5-Trimethylbenzene	105	12.077	12.077	0.000	94	1183608	50.0	54.9	
153 4-Chlorotoluene	126	12.102	12.102	0.000	98	334123	50.0	56.3	
154 tert-Butylbenzene	134	12.327	12.327	0.000	93	211264	50.0	56.6	
156 1,2,4-Trimethylbenzene	105	12.376	12.376	0.000	97	1227936	50.0	57.7	a
158 sec-Butylbenzene	105	12.498	12.498	0.000	95	1420686	50.0	57.0	
159 1,3-Dichlorobenzene	146	12.595	12.595	0.000	99	641244	50.0	55.6	
160 4-Isopropyltoluene	119	12.614	12.614	0.000	97	1251350	50.0	56.5	
* 163 1,4-Dichlorobenzene-d4	152	12.656	12.656	0.000	93	444991	50.0	50.0	
164 1,4-Dichlorobenzene	146	12.675	12.675	0.000	95	645546	50.0	54.6	
165 1,2,3-Trimethylbenzene	105	12.687	12.687	0.000	99	1214398	50.0	54.2	
166 Benzyl chloride	91	12.754	12.754	0.000	99	901585	50.0	53.9	
167 1,3-Diethylbenzene	119	12.827	12.827	0.000	96	674938	50.0	56.6	
168 p-Diethylbenzene	119	12.900	12.900	0.000	93	718668	50.0	56.1	
169 n-Butylbenzene	92	12.919	12.919	0.000	98	572085	50.0	56.6	
171 1,2-Dichlorobenzene	146	12.943	12.943	0.000	99	654199	50.0	55.2	
172 o-diethylbenzene	119	12.973	12.973	0.000	95	577238	50.0	56.1	
173 1,2-Dibromo-3-Chloropropane	75	13.504	13.504	0.000	87	125928	50.0	50.8	
175 1,3,5-Trichlorobenzene	180	13.632	13.632	0.000	98	448924	50.0	58.1	
176 1,2,4-Trichlorobenzene	180	14.071	14.071	0.000	93	431420	50.0	56.2	
177 2-Ethylhexyl acrylate	55	14.150	14.150	0.000	83	382815	50.0	55.3	
178 Hexachlorobutadiene	225	14.156	14.156	0.000	91	183731	50.0	54.0	
179 Naphthalene	128	14.254	14.254	0.000	97	1573513	50.0	53.1	
180 1,2,3-Trichlorobenzene	180	14.400	14.400	0.000	95	412269	50.0	55.3	
181 2-Methylnaphthalene	142	15.004	15.004	0.000	92	728839	50.0	56.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_CYC_00012	Amount Added: 10.00	Units: uL	
MSV_CCV_GASES_01127	Amount Added: 2.50	Units: uL	
MSV_CCV_VOC#3_00250	Amount Added: 4.00	Units: uL	
MSV_CCV_2CEVE_00240	Amount Added: 5.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 5.00	Units: uL	
MSV_CCV_VOC#1_00248	Amount Added: 5.00	Units: uL	
MSV_CCV_OH_Sp_00023	Amount Added: 5.00	Units: uL	
MSV_Cent_ISSS_00041	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 12-Aug-2025 14:07:15

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X15.D

Injection Date: 11-Aug-2025 20:20:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: ICIS v50

Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

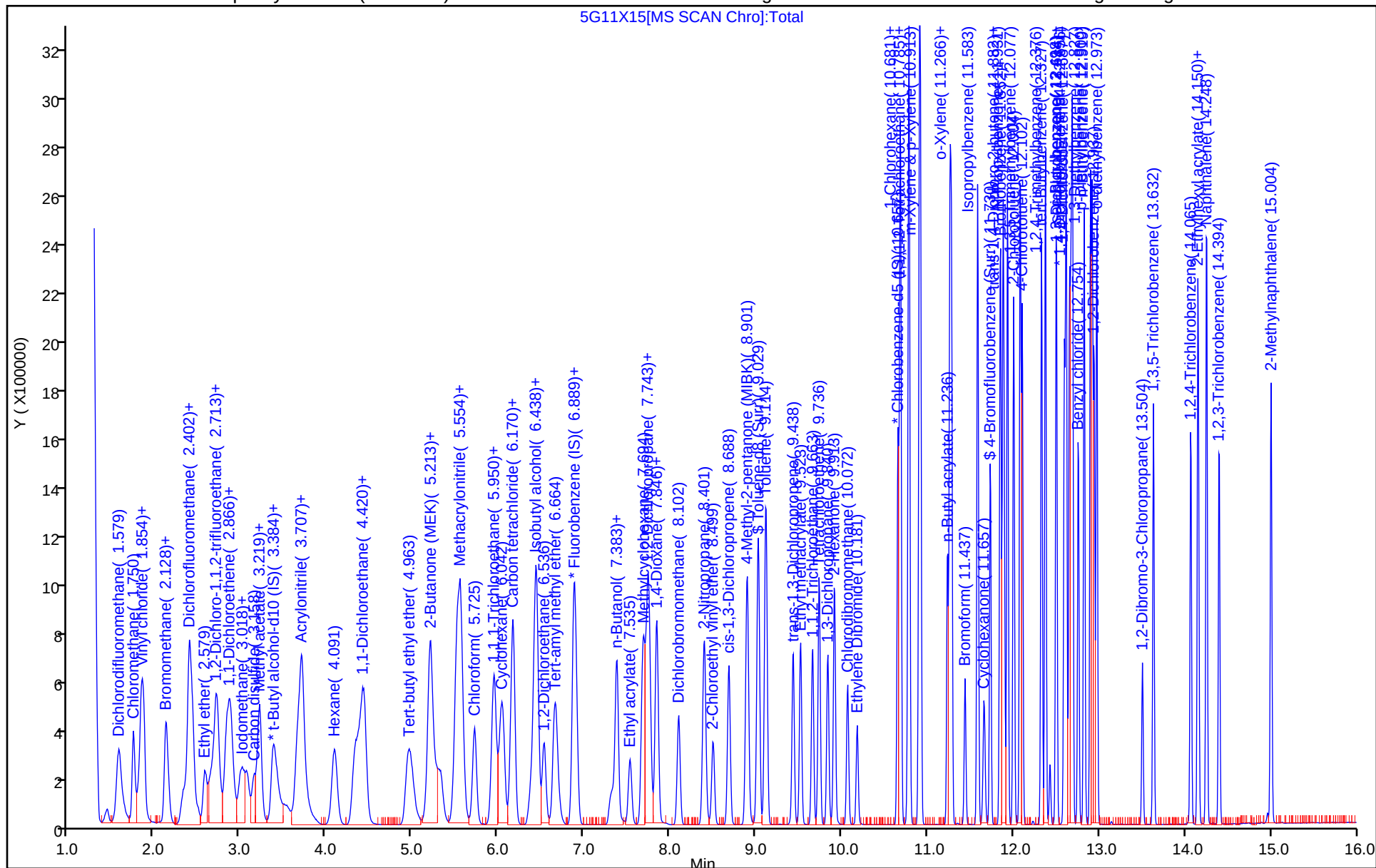
ALS Bottle#: 15

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

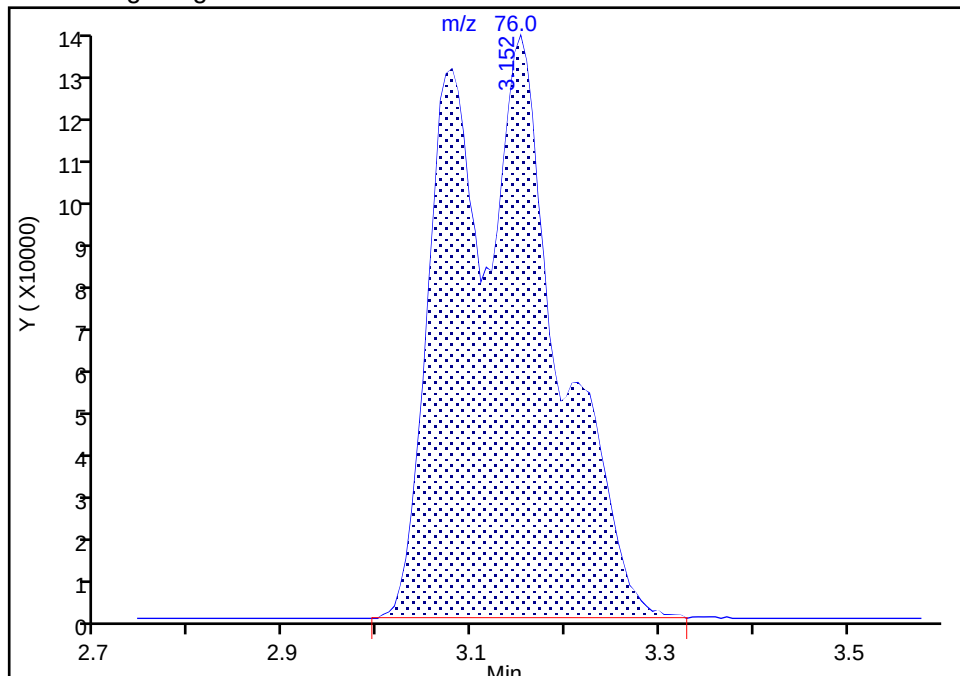
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X15.D
Injection Date: 11-Aug-2025 20:20:30 Instrument ID: 26285
Lims ID: ICIS v50
Client ID:
Operator ID: knk41612 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

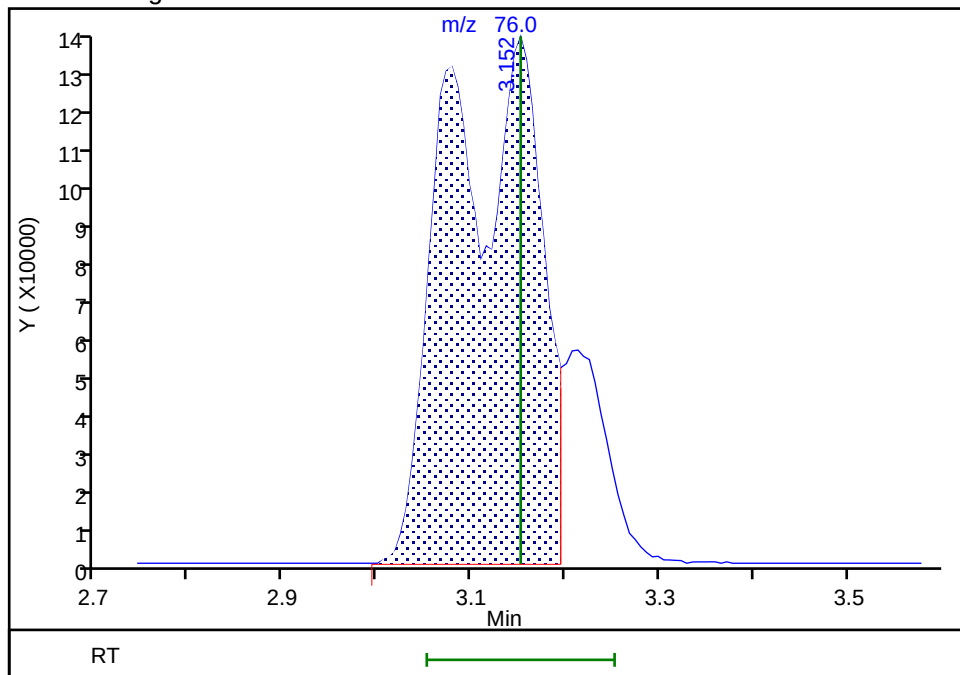
RT: 3.15
Area: 1060681
Amount: 69.271581
Amount Units: ug/l

Processing Integration Results



RT: 3.15
Area: 896874
Amount: 54.084286
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:47:36 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

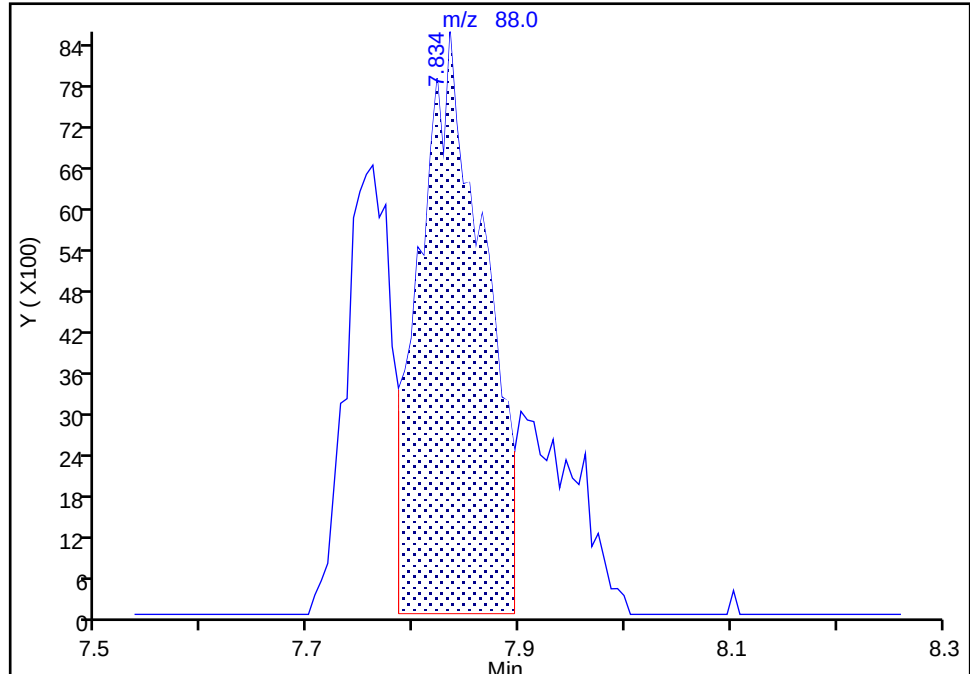
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Injection Date: 11-Aug-2025 20:20:30 Instrument ID: 26285
Lims ID: ICIS v50
Client ID:
Operator ID: knk41612 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

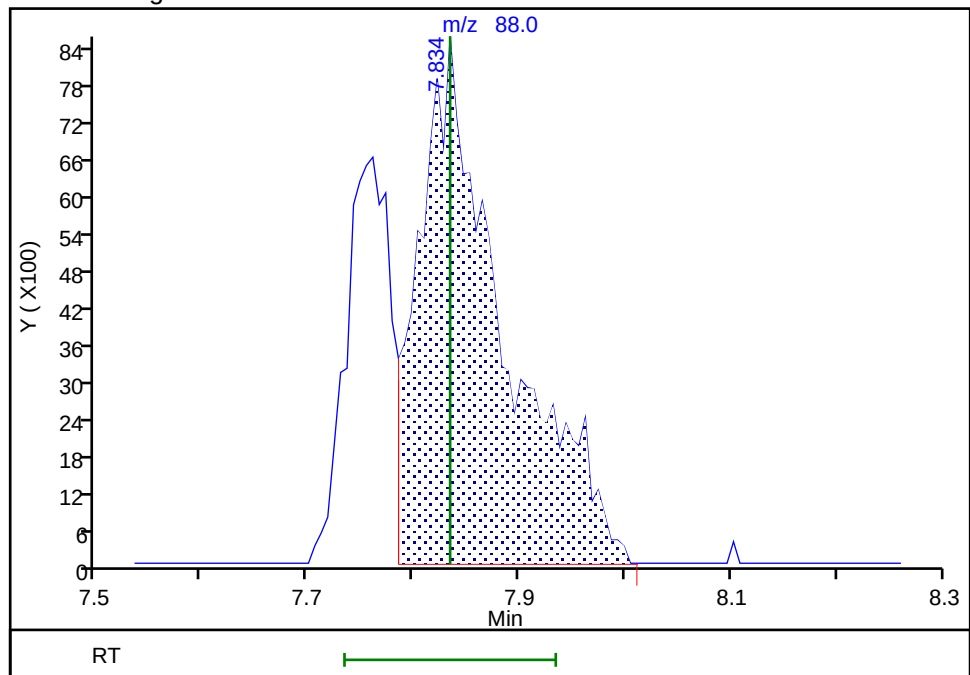
RT: 7.83
Area: 37096
Amount: 522.9671
Amount Units: ug/l

Processing Integration Results



RT: 7.83
Area: 48200
Amount: 569.5206
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:45:49 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

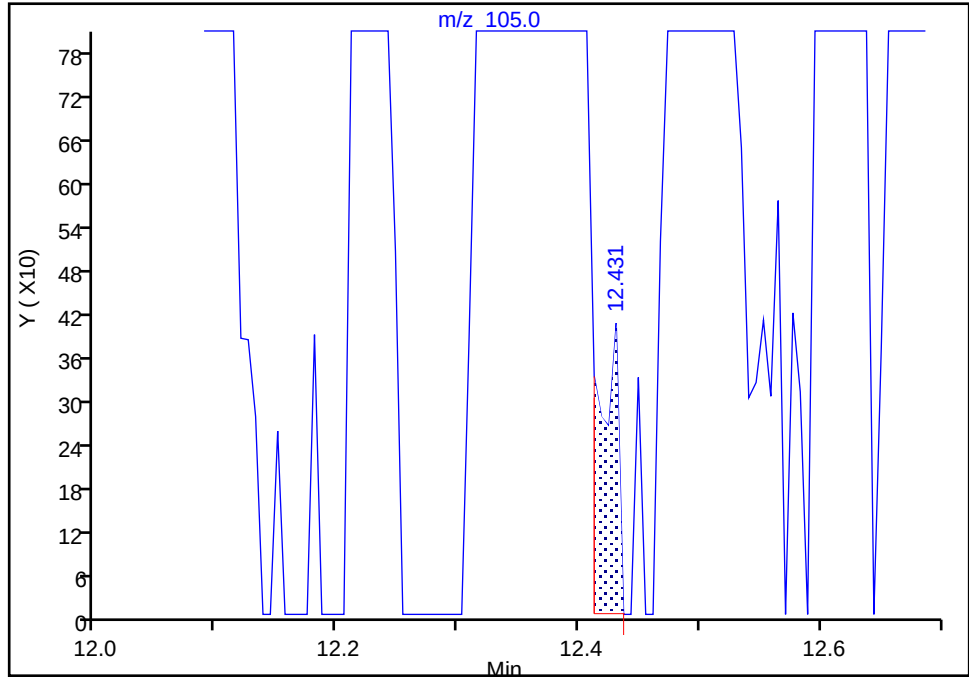
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X15.D
Injection Date: 11-Aug-2025 20:20:30 Instrument ID: 26285
Lims ID: ICIS v50
Client ID:
Operator ID: knk41612 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

156 1,2,4-Trimethylbenzene, CAS: 95-63-6
Signal: 1

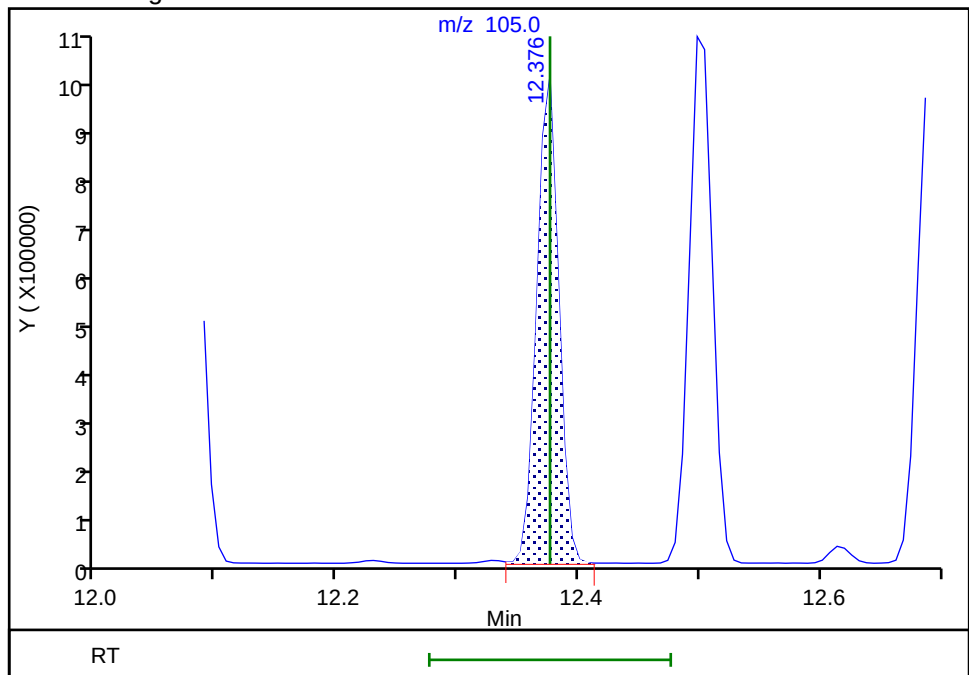
RT: 12.43
Area: 462
Amount: 0.025968
Amount Units: ug/l

Processing Integration Results



RT: 12.38
Area: 1227936
Amount: 57.654226
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:51:32 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X16.D
 Lims ID: IC v100
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 11-Aug-2025 20:40:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-017
 Misc. Info.: IC V100
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub89
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:07:23 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 22:47:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.574	1.579	-0.005	99	1165230	100.0	103.9	
4 Chloromethane	50	1.744	1.750	-0.006	99	1070590	100.0	100.4	
6 Vinyl chloride	62	1.836	1.841	-0.005	98	952422	100.0	101.5	
5 Butadiene	39	1.866	1.866	0.000	97	891374	100.0	97.1	
9 Bromomethane	94	2.122	2.128	-0.006	92	654563	100.0	105.4	
10 Chloroethane	64	2.153	2.152	0.001	98	464050	100.0	102.8	
11 Dichlorofluoromethane	67	2.390	2.396	-0.006	97	1450021	100.0	101.7	
12 Pentane	43	2.397	2.402	-0.005	94	808104	100.0	105.4	
13 Trichlorofluoromethane	101	2.433	2.439	-0.006	98	1197296	100.0	102.2	
15 Ethyl ether	59	2.573	2.579	-0.006	94	421885	100.0	104.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	2.677	2.683	-0.006	92	723352	100.0	102.9	
17 Acrolein	56	2.714	2.725	-0.011	98	1980897	975.9	1069.4	
18 1,1-Dichloroethene	96	2.835	2.835	0.000	98	490321	100.0	105.6	
19 Acetone	58	2.860	2.866	-0.006	98	174728	200.0	208.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.878	2.884	-0.006	92	551808	100.0	103.4	
21 Iodomethane	142	3.012	3.018	-0.006	99	1067162	100.0	104.7	
22 Isopropyl alcohol	45	2.982	3.024	-0.042	96	368286	500.0	497.1	M
23 Carbon disulfide	76	3.146	3.152	-0.006	99	1724671	100.0	104.8	M
25 Methyl acetate	43	3.189	3.201	-0.012	98	651862	100.0	94.5	
26 3-Chloro-1-propene	41	3.213	3.219	-0.006	86	831335	100.0	102.7	
28 Methylene Chloride	84	3.372	3.384	-0.012	94	570141	100.0	102.2	
* 29 t-Butyl alcohol-d10 (IS)	65	3.439	3.439	0.000	90	371043	250.0	250.0	
30 2-Methyl-2-propanol	59	3.518	3.518	0.000	99	746767	500.0	526.5	
31 Acrylonitrile	53	3.652	3.652	0.000	96	836974	250.0	254.7	
32 trans-1,2-Dichloroethene	96	3.707	3.713	-0.006	97	525886	100.0	102.5	
33 Methyl tert-butyl ether	73	3.701	3.713	-0.012	97	1693992	100.0	102.6	
34 Hexane	57	4.085	4.091	-0.006	95	584639	100.0	94.7	
36 1,1-Dichloroethane	63	4.317	4.323	-0.006	96	974566	100.0	103.9	
38 Isopropyl ether	45	4.384	4.390	-0.006	94	1670732	100.0	104.0	
39 2-Chloro-1,3-butadiene	53	4.427	4.439	-0.012	93	852103	100.0	104.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 Tert-butyl ethyl ether	59	4.951	4.963	-0.012	98	1666549	100.0	106.7	
42 2-Butanone (MEK)	43	5.195	5.194	0.001	92	1100010	200.0	216.1	
43 cis-1,2-Dichloroethene	96	5.201	5.207	-0.006	84	593145	100.0	104.0	
44 2,2-Dichloropropane	77	5.225	5.231	-0.006	89	852259	100.0	103.7	
45 Propionitrile	54	5.286	5.298	-0.012	97	780040	500.0	525.6	
46 Methyl acrylate	55	5.323	5.329	-0.006	100	808940	100.0	104.6	
47 Methacrylonitrile	67	5.506	5.511	-0.005	95	850471	250.0	265.6	
48 Chlorobromomethane	128	5.548	5.554	-0.006	96	300040	100.0	103.0	
49 Tetrahydrofuran	71	5.561	5.572	-0.011	92	694844	500.0	520.4	
50 Chloroform	83	5.719	5.725	-0.006	94	998345	100.0	103.2	
52 1,1,1-Trichloroethane	97	5.939	5.944	-0.006	98	908679	100.0	107.9	
\$ 51 Dibromofluoromethane (Surr)	113	5.939	5.950	-0.012	85	284537	50.0	49.9	
53 Cyclohexane	56	6.036	6.042	-0.006	93	885411	100.0	102.7	
S 54 1,2-Dichloroethene, Total	100				0			206.5	
55 Carbon tetrachloride	117	6.164	6.164	0.000	96	799937	100.0	108.3	
56 1,1-Dichloropropene	75	6.164	6.170	-0.006	96	767271	100.0	106.1	
57 Isobutyl alcohol	41	6.390	6.402	-0.012	92	697067	1250.0	1376.9	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.426	6.426	0.000	90	61434	50.0	49.6	
59 Benzene	78	6.438	6.444	-0.006	98	2253881	100.0	104.9	
60 1,2-Dichloroethane	62	6.530	6.536	-0.006	98	812338	100.0	102.6	
62 Tert-amyl methyl ether	73	6.658	6.664	-0.006	98	1646767	100.0	106.4	
* 63 Fluorobenzene (IS)	96	6.877	6.883	-0.006	99	1063341	50.0	50.0	
64 n-Heptane	43	6.902	6.908	-0.006	94	538327	100.0	91.0	
65 n-Butanol	56	7.316	7.328	-0.012	95	494523	1250.0	1524.5	
66 Trichloroethene	95	7.377	7.377	0.000	98	600712	100.0	108.4	
67 Ethyl acrylate	55	7.530	7.535	-0.005	99	901424	100.0	109.0	
68 Methylcyclohexane	83	7.688	7.688	0.000	91	817900	100.0	92.0	
69 1,2-Dichloropropane	63	7.725	7.731	-0.006	95	572675	100.0	106.4	
70 2-ethoxy-2-methyl butane	87	7.755	7.755	0.000	89	780127	100.0	106.4	
72 1,4-Dioxane	88	7.841	7.834	0.007	33	115859	1250.0	1318.3	
73 Dibromomethane	93	7.841	7.840	0.001	95	383817	100.0	104.2	
74 Methyl methacrylate	69	7.847	7.846	0.001	93	505801	100.0	109.3	
76 Dichlorobromomethane	83	8.097	8.102	-0.005	99	788663	100.0	110.6	
77 2-Nitropropane	41	8.395	8.401	-0.006	99	1540019	500.0	574.4	
78 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	93	441793	100.0	113.1	
79 cis-1,3-Dichloropropene	75	8.682	8.688	-0.006	94	947240	100.0	112.4	
83 4-Methyl-2-pentanone (MIBK)	43	8.895	8.901	-0.006	98	2317195	200.0	238.2	
\$ 84 Toluene-d8 (Surr)	98	9.023	9.029	-0.006	94	1058632	50.0	49.0	
85 Toluene	92	9.115	9.114	0.001	98	1468688	100.0	105.3	
86 trans-1,3-Dichloropropene	75	9.432	9.438	-0.006	96	890550	100.0	108.9	
87 Ethyl methacrylate	69	9.517	9.523	-0.006	90	884278	100.0	108.3	
88 1,1,2-Trichloroethane	97	9.663	9.663	0.000	92	537215	100.0	105.8	
89 Tetrachloroethene	166	9.737	9.736	0.001	98	651669	100.0	106.1	
91 1,3-Dichloropropane	76	9.840	9.840	0.000	94	841462	100.0	106.6	
92 2-Hexanone	43	9.913	9.913	0.000	98	1681415	200.0	231.3	
S 98 1,3-Dichloropropene, Total	100				0			221.3	
100 Chlorodibromomethane	129	10.072	10.072	0.000	89	680887	100.0	112.8	
101 Ethylene Dibromide	107	10.182	10.181	0.001	98	575772	100.0	106.2	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	86	816886	50.0	50.0	
130 Chlorobenzene	112	10.681	10.687	-0.006	93	1646561	100.0	107.2	
129 1-Chlorohexane	91	10.681	10.687	-0.006	62	665111	100.0	102.4	
131 1,1,1,2-Tetrachloroethane	131	10.779	10.779	0.000	96	658084	100.0	110.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
132 Ethylbenzene	91	10.785	10.785	0.000	99	2874664	100.0	106.4	
133 m-Xylene & p-Xylene	106	10.913	10.913	0.000	99	2239983	200.0	216.9	
134 n-Butyl acrylate	55	11.230	11.230	0.000	95	1236557	100.0	101.5	
S 135 Xylenes, Total	106				0			324.9	
136 o-Xylene	106	11.261	11.260	0.001	97	1141573	100.0	108.0	
137 Styrene	104	11.279	11.279	0.000	95	1873052	100.0	109.3	
138 Bromoform	173	11.437	11.437	0.000	98	547681	100.0	114.8	
139 Isopropylbenzene	105	11.584	11.583	0.001	96	2919283	100.0	104.0	
141 Cyclohexanone	55	11.657	11.657	0.000	94	433619	1250.0	1019.3	
\$ 143 4-Bromofluorobenzene (Surr)	95	11.730	11.730	0.000	96	385661	50.0	48.7	
144 Bromobenzene	156	11.846	11.846	0.000	91	747268	100.0	110.7	
145 1,1,2,2-Tetrachloroethane	83	11.852	11.852	0.000	94	1005509	100.0	110.8	
146 trans-1,4-Dichloro-2-butene	53	11.882	11.882	0.000	91	744966	250.0	278.9	
147 1,2,3-Trichloropropane	110	11.895	11.894	0.001	86	280545	100.0	107.9	
148 N-Propylbenzene	91	11.931	11.931	0.000	99	3233515	100.0	105.6	
150 2-Chlorotoluene	126	12.004	12.004	0.000	96	684801	100.0	110.8	
152 1,3,5-Trimethylbenzene	105	12.078	12.077	0.001	94	2348495	100.0	107.8	
153 4-Chlorotoluene	126	12.102	12.102	0.000	98	665665	100.0	111.1	
154 tert-Butylbenzene	134	12.328	12.327	0.001	93	406189	100.0	107.6	
156 1,2,4-Trimethylbenzene	105	12.376	12.376	0.000	97	2432083	100.0	113.0	a
158 sec-Butylbenzene	105	12.504	12.498	0.006	94	2685694	100.0	106.6	
159 1,3-Dichlorobenzene	146	12.596	12.595	0.001	98	1301192	100.0	111.6	
160 4-Isopropyltoluene	119	12.614	12.614	0.000	97	2382863	100.0	106.5	
* 163 1,4-Dichlorobenzene-d4	152	12.657	12.656	0.001	93	449628	50.0	50.0	
164 1,4-Dichlorobenzene	146	12.675	12.675	0.000	96	1309358	100.0	109.6	
165 1,2,3-Trimethylbenzene	105	12.687	12.687	0.000	99	2449068	100.0	108.1	
166 Benzyl chloride	91	12.754	12.754	0.000	99	1973010	100.0	116.7	
167 1,3-Diethylbenzene	119	12.827	12.827	0.000	95	1282730	100.0	106.5	
168 p-Diethylbenzene	119	12.901	12.900	0.001	94	1362612	100.0	105.3	
169 n-Butylbenzene	92	12.919	12.919	0.000	97	1059813	100.0	103.7	
171 1,2-Dichlorobenzene	146	12.943	12.943	0.000	99	1336500	100.0	111.6	
172 o-diethylbenzene	119	12.974	12.973	0.001	96	1119527	100.0	107.7	
173 1,2-Dibromo-3-Chloropropane	75	13.504	13.504	0.000	86	277681	100.0	110.9	
175 1,3,5-Trichlorobenzene	180	13.632	13.632	0.000	98	854178	100.0	109.3	
176 1,2,4-Trichlorobenzene	180	14.071	14.071	0.000	94	837552	100.0	108.0	
177 2-Ethylhexyl acrylate	55	14.150	14.150	0.000	83	771431	100.0	110.3	
178 Hexachlorobutadiene	225	14.156	14.156	0.000	92	332665	100.0	96.2	
179 Naphthalene	128	14.254	14.254	0.000	97	3337135	100.0	111.5	
180 1,2,3-Trichlorobenzene	180	14.400	14.400	0.000	96	827839	100.0	110.0	
181 2-Methylnaphthalene	142	15.004	15.004	0.000	92	1497524	100.0	114.5	
S 213 Total Diethylbenzene	1				0			319.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_CYC_00012	Amount Added: 10.00	Units: uL	
MSV_CCV_GASES_01127	Amount Added: 2.50	Units: uL	
MSV_CCV_VOC#3_00250	Amount Added: 4.00	Units: uL	
MSV_CCV_2CEVE_00240	Amount Added: 5.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 5.00	Units: uL	
MSV_CCV_VOC#1_00248	Amount Added: 5.00	Units: uL	
MSV_CCV_OH_Sp_00023	Amount Added: 5.00	Units: uL	
MSV_Cent_ISSS_00041	Amount Added: 5.00	Units: uL	Run Reagent

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X16.D

Instrument ID: 26285

Lims ID: IC v100

Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

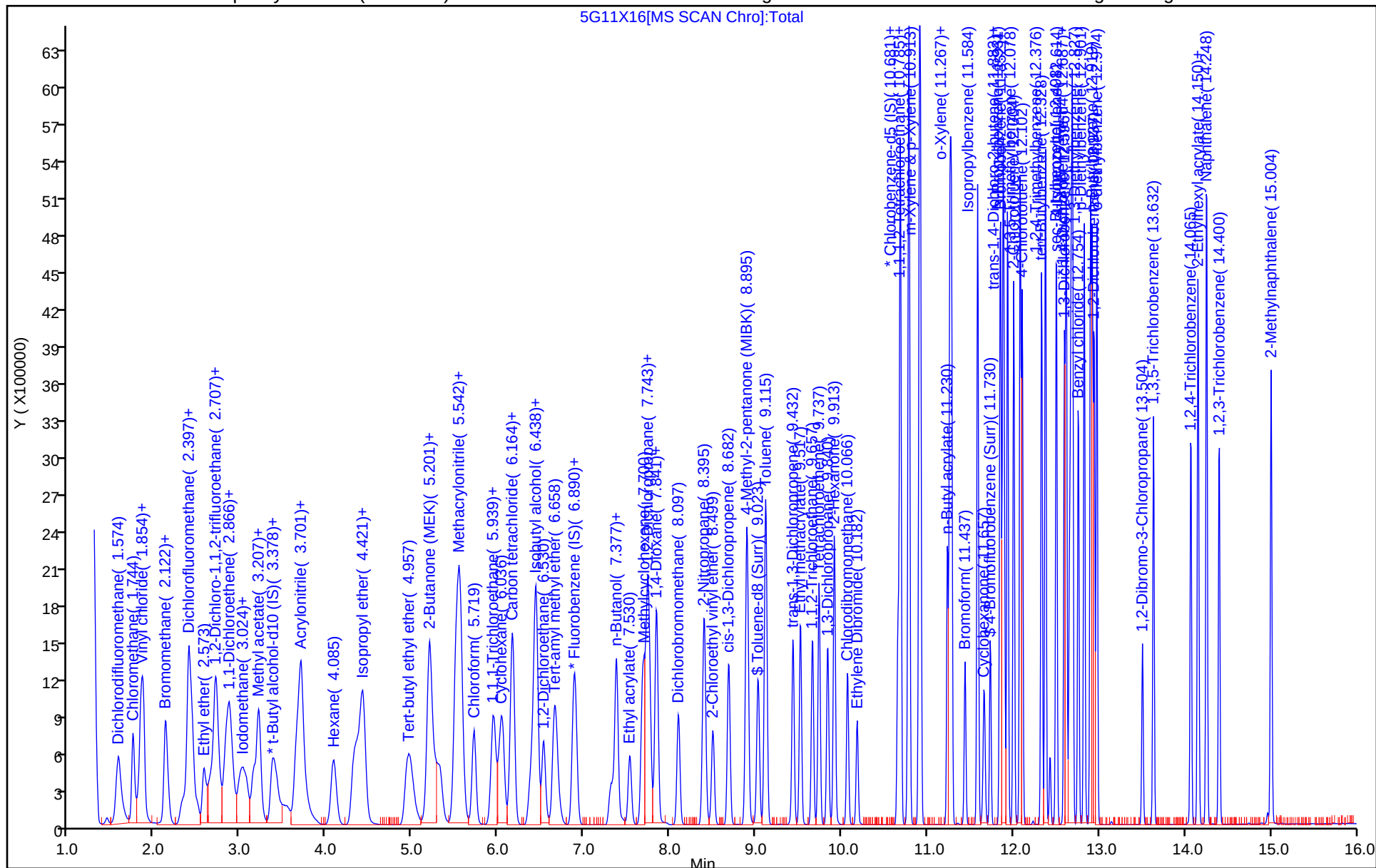
ALS Bottle#: 16

Method: MSVoa 26285a

Limit Group: MSV - 8260C D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

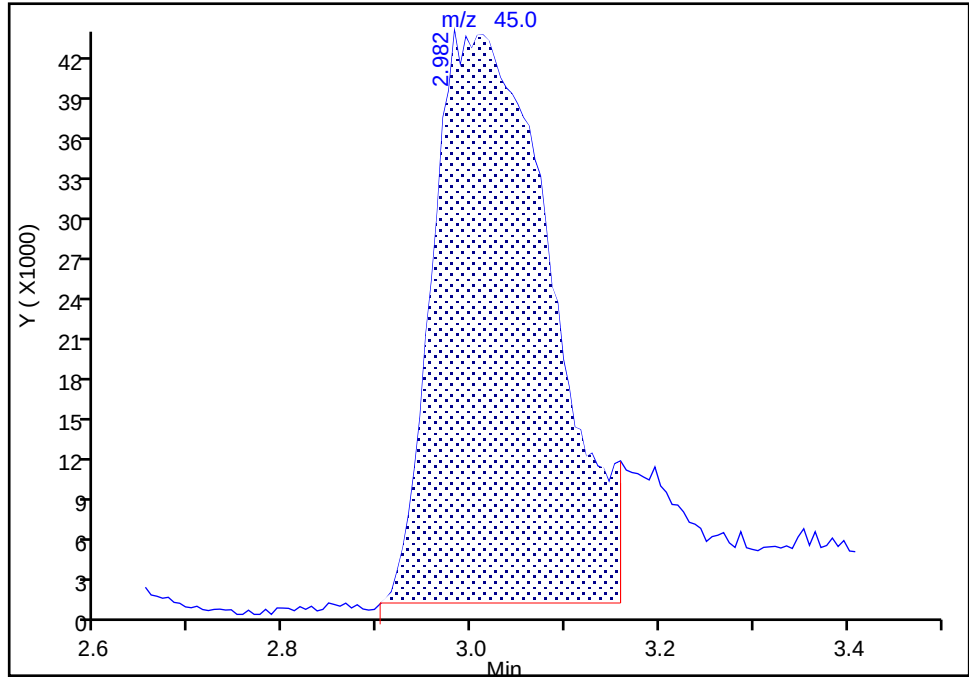
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Injection Date: 11-Aug-2025 20:40:30 Instrument ID: 26285
Lims ID: IC v100
Client ID:
Operator ID: knk41612 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

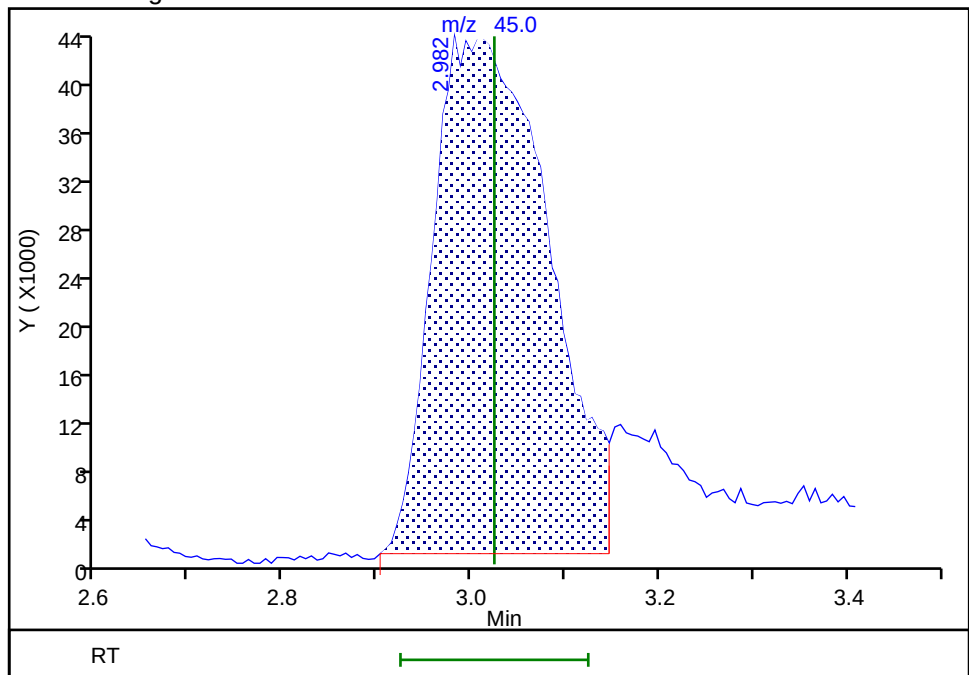
RT: 2.98
Area: 376077
Amount: 494.7109
Amount Units: ug/l

Processing Integration Results



RT: 2.98
Area: 368286
Amount: 497.0720
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:49:19 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

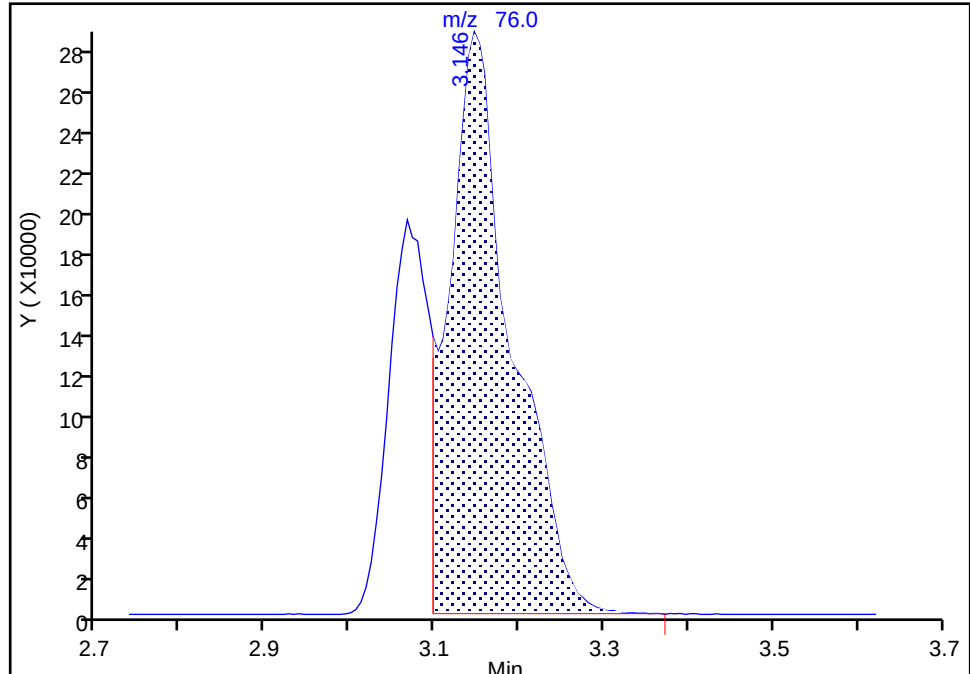
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Injection Date: 11-Aug-2025 20:40:30 Instrument ID: 26285
Lims ID: IC v100
Client ID:
Operator ID: knk41612 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

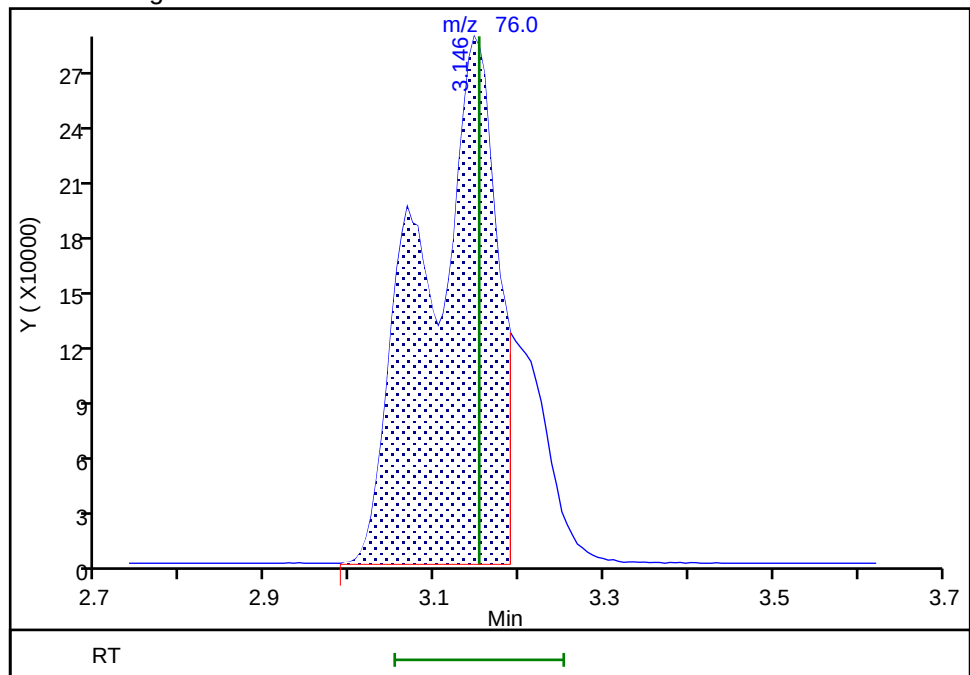
RT: 3.15
Area: 1476775
Amount: 100.2770
Amount Units: ug/l

Processing Integration Results



RT: 3.15
Area: 1724671
Amount: 104.8289
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:46:54 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X16.D

Injection Date: 11-Aug-2025 20:40:30

Instrument ID: 26285

Lims ID: IC v100

Client ID:

Operator ID: knk41612

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: MSVoa_26285a

Limit Group:

MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

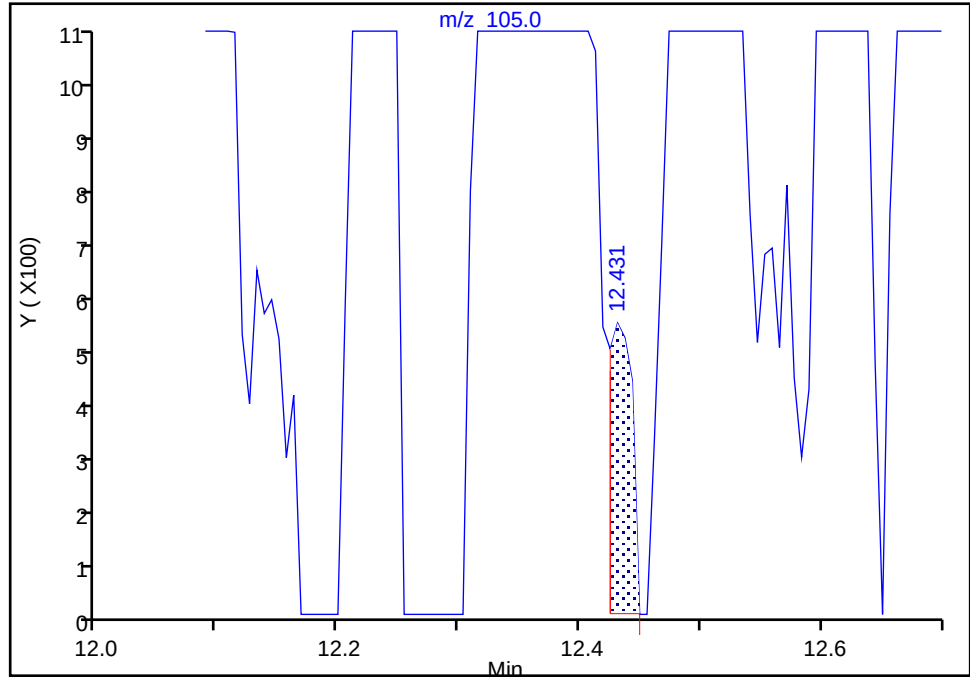
MS Quad

156 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

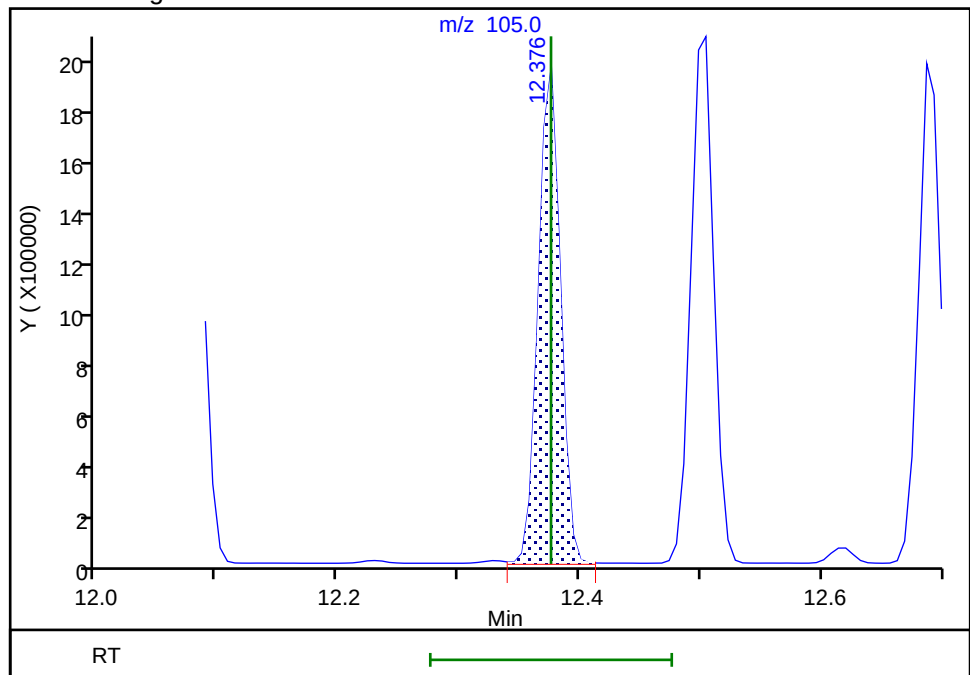
RT: 12.43
Area: 687
Amount: 0.047369
Amount Units: ug/l

Processing Integration Results



RT: 12.38
Area: 2432083
Amount: 113.0139
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:50:31 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Lims ID: IC v300
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 11-Aug-2025 21:01:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-018
 Misc. Info.: IC V300
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub89
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:07:35 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 22:52:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.573	1.579	-0.006	99	3454862	300.0	293.0	
4 Chloromethane	50	1.744	1.750	-0.006	99	3191680	300.0	284.8	
6 Vinyl chloride	62	1.835	1.841	-0.006	98	2877322	300.0	291.7	
5 Butadiene	39	1.860	1.866	-0.006	95	2661219	300.0	275.9	
9 Bromomethane	94	2.122	2.128	-0.006	91	1989141	300.0	304.8	
10 Chloroethane	64	2.146	2.152	-0.006	99	1407374	300.0	296.7	
11 Dichlorofluoromethane	67	2.390	2.396	-0.006	98	4309531	300.0	287.7	
12 Pentane	43	2.390	2.402	-0.012	96	2707402	300.0	335.9	M
13 Trichlorofluoromethane	101	2.427	2.439	-0.012	98	3596484	300.0	292.2	
15 Ethyl ether	59	2.567	2.579	-0.012	95	1201833	300.1	281.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	2.677	2.683	-0.006	93	2127356	300.0	287.9	
17 Acrolein	56	2.713	2.725	-0.012	98	5480956	2927.6	2982.6	
18 1,1-Dichloroethene	96	2.860	2.835	0.025	97	1547832	300.0	317.2	
19 Acetone	58	2.847	2.866	-0.019	98	505724	600.0	607.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.878	2.884	-0.006	91	1790583	300.0	319.3	
21 Iodomethane	142	3.018	3.018	0.000	98	3309458	300.0	308.9	
22 Isopropyl alcohol	45	3.000	3.024	-0.024	96	943432	1500.0	1283.5	M
23 Carbon disulfide	76	3.146	3.152	-0.006	100	5470718	300.0	316.4	M
25 Methyl acetate	43	3.189	3.201	-0.012	98	1905117	300.0	262.7	
26 3-Chloro-1-propene	41	3.207	3.219	-0.012	84	2577488	300.0	302.9	
28 Methylene Chloride	84	3.390	3.384	0.006	94	1770244	300.0	302.0	
* 29 t-Butyl alcohol-d10 (IS)	65	3.439	3.439	0.000	91	368101	250.0	250.0	
30 2-Methyl-2-propanol	59	3.512	3.518	-0.006	99	1854516	1500.0	1318.0	
31 Acrylonitrile	53	3.646	3.652	-0.006	96	2440053	750.0	706.5	
32 trans-1,2-Dichloroethene	96	3.701	3.713	-0.012	97	1601076	300.0	297.0	
33 Methyl tert-butyl ether	73	3.701	3.713	-0.012	97	4999823	300.0	288.2	
34 Hexane	57	4.073	4.091	-0.018	95	1941821	300.0	297.2	
36 1,1-Dichloroethane	63	4.311	4.323	-0.012	96	2918906	300.0	296.0	
38 Isopropyl ether	45	4.378	4.390	-0.012	94	5071805	300.0	300.5	
39 2-Chloro-1,3-butadiene	53	4.420	4.439	-0.019	93	2601963	300.0	304.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 Tert-butyl ethyl ether	59	4.951	4.963	-0.012	99	4970990	300.0	302.8	
42 2-Butanone (MEK)	43	5.182	5.194	-0.012	99	3053698	600.0	570.8	
43 cis-1,2-Dichloroethene	96	5.195	5.207	-0.012	83	1786609	300.0	298.1	
44 2,2-Dichloropropane	77	5.225	5.231	-0.006	88	2675675	300.0	309.8	
45 Propionitrile	54	5.292	5.298	-0.006	95	2223917	1500.0	1510.5	
46 Methyl acrylate	55	5.323	5.329	-0.006	100	2421690	300.1	297.9	
47 Methacrylonitrile	67	5.506	5.511	-0.005	96	2472616	750.0	734.7	
48 Chlorobromomethane	128	5.548	5.554	-0.006	94	910361	300.0	297.4	
49 Tetrahydrofuran	71	5.560	5.572	-0.012	90	2007017	1500.0	1515.2	
50 Chloroform	83	5.713	5.725	-0.012	94	3017962	300.0	296.9	
52 1,1,1-Trichloroethane	97	5.951	5.944	0.007	98	2840639	300.0	320.9	
\$ 51 Dibromofluoromethane (Surr)	113	5.944	5.950	-0.006	94	289624	50.0	48.3	
53 Cyclohexane	56	6.036	6.042	-0.006	93	2975241	300.0	328.5	
S 54 1,2-Dichloroethene, Total	100				0			595.1	
55 Carbon tetrachloride	117	6.158	6.164	-0.006	96	2506879	300.0	322.9	
56 1,1-Dichloropropene	75	6.164	6.170	-0.006	95	2395027	300.0	315.2	
57 Isobutyl alcohol	41	6.389	6.402	-0.013	93	1774174	3750.0	3532.6	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.414	6.426	-0.012	84	63651	50.0	48.8	
59 Benzene	78	6.438	6.444	-0.006	98	7017063	300.0	310.9	
60 1,2-Dichloroethane	62	6.530	6.536	-0.006	98	2443219	300.0	293.5	
62 Tert-amyl methyl ether	73	6.664	6.664	0.000	97	4940527	300.0	303.7	
* 63 Fluorobenzene (IS)	96	6.877	6.883	-0.006	99	1117567	50.0	50.0	
64 n-Heptane	43	6.902	6.908	-0.006	94	1908887	300.0	303.5	
65 n-Butanol	56	7.322	7.328	-0.006	92	1301504	3750.0	4044.4	
66 Trichloroethene	95	7.377	7.377	0.000	98	1870449	300.0	321.1	
67 Ethyl acrylate	55	7.530	7.535	-0.005	99	2798978	300.1	322.0	
68 Methylcyclohexane	83	7.688	7.688	0.000	92	2862160	300.0	304.2	
69 1,2-Dichloropropane	63	7.725	7.731	-0.006	95	1784721	300.0	315.4	
70 2-ethoxy-2-methyl butane	87	7.761	7.755	0.006	90	2387283	300.0	309.7	
72 1,4-Dioxane	88	7.834	7.834	0.000	33	341714	3750.0	3919.3	
73 Dibromomethane	93	7.840	7.840	0.000	96	1165049	300.0	300.9	
74 Methyl methacrylate	69	7.847	7.846	0.001	92	1507339	300.0	309.9	
76 Dichlorobromomethane	83	8.096	8.102	-0.006	99	2417859	300.0	322.6	
77 2-Nitropropane	41	8.401	8.401	0.000	99	4380817	1500.0	1647.0	
78 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	93	1373373	300.0	334.5	
79 cis-1,3-Dichloropropene	75	8.688	8.688	0.000	94	2954205	300.0	333.5	
83 4-Methyl-2-pentanone (MIBK)	43	8.895	8.901	-0.006	98	6272206	600.0	613.4	
\$ 84 Toluene-d8 (Surr)	98	9.029	9.029	0.000	94	1131641	50.0	48.9	
85 Toluene	92	9.115	9.114	0.001	98	4643368	300.0	310.5	
86 trans-1,3-Dichloropropene	75	9.438	9.438	0.000	95	2758112	300.0	314.7	
87 Ethyl methacrylate	69	9.523	9.523	0.000	90	2509850	300.0	286.7	
88 1,1,2-Trichloroethane	97	9.663	9.663	0.000	92	1582419	300.0	290.6	
89 Tetrachloroethene	166	9.736	9.736	0.000	98	2112393	300.0	320.7	
91 1,3-Dichloropropane	76	9.840	9.840	0.000	94	2558941	300.0	302.5	
92 2-Hexanone	43	9.919	9.913	0.006	98	4548216	600.0	583.6	
S 98 1,3-Dichloropropene, Total	100				0			648.2	
100 Chlorodibromomethane	129	10.072	10.072	0.000	90	2039020	300.0	315.2	
101 Ethylene Dibromide	107	10.181	10.181	0.000	98	1727577	300.0	297.1	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	85	875777	50.0	50.0	
130 Chlorobenzene	112	10.687	10.687	0.000	93	5195866	300.0	315.6	
129 1-Chlorohexane	91	10.687	10.687	0.000	64	2266056	300.0	325.6	
131 1,1,1,2-Tetrachloroethane	131	10.779	10.779	0.000	96	1969312	300.0	307.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
132 Ethylbenzene	91	10.785	10.785	0.000	98	9192268	300.0	317.2	
133 m-Xylene & p-Xylene	106	10.913	10.913	0.000	99	7149793	600.0	645.8	
134 n-Butyl acrylate	55	11.230	11.230	0.000	95	3787918	300.0	290.1	
S 135 Xylenes, Total	106				0			962.1	
136 o-Xylene	106	11.260	11.260	0.000	97	3583772	300.0	316.3	
137 Styrene	104	11.279	11.279	0.000	95	5889896	300.0	320.6	
138 Bromoform	173	11.437	11.437	0.000	97	1626156	300.0	318.1	
139 Isopropylbenzene	105	11.584	11.583	0.001	96	9396465	300.0	312.2	
141 Cyclohexanone	55	11.663	11.657	0.006	94	1337515	3750.1	3169.1	
\$ 143 4-Bromofluorobenzene (Surr)	95	11.730	11.730	0.000	95	418150	50.0	49.2	
144 Bromobenzene	156	11.846	11.846	0.000	92	2298081	300.0	319.9	
145 1,1,2,2-Tetrachloroethane	83	11.852	11.852	0.000	95	2834827	300.0	293.5	
146 trans-1,4-Dichloro-2-butene	53	11.882	11.882	0.000	92	2141106	750.0	753.2	
147 1,2,3-Trichloropropane	110	11.895	11.894	0.000	87	794505	300.0	287.0	
148 N-Propylbenzene	91	11.937	11.931	0.006	99	10404262	300.0	319.2	
150 2-Chlorotoluene	126	12.010	12.004	0.006	97	2125855	300.0	323.3	
152 1,3,5-Trimethylbenzene	105	12.083	12.077	0.006	93	7660091	300.0	330.4	
153 4-Chlorotoluene	126	12.108	12.102	0.006	97	2112640	300.0	331.2	
154 tert-Butylbenzene	134	12.333	12.327	0.006	93	1363003	300.0	339.3	
156 1,2,4-Trimethylbenzene	105	12.376	12.376	0.000	98	7754806	300.0	338.6	
158 sec-Butylbenzene	105	12.504	12.498	0.006	95	9055074	300.0	337.6	
159 1,3-Dichlorobenzene	146	12.596	12.595	0.001	98	4001556	300.0	322.4	
160 4-Isopropyltoluene	119	12.620	12.614	0.006	97	7956525	300.0	334.2	
* 163 1,4-Dichlorobenzene-d4	152	12.657	12.656	0.001	95	478517	50.0	50.0	
164 1,4-Dichlorobenzene	146	12.675	12.675	0.000	95	4038158	300.0	317.5	
165 1,2,3-Trimethylbenzene	105	12.693	12.687	0.006	98	7811010	300.0	324.1	
166 Benzyl chloride	91	12.760	12.754	0.006	99	5654923	300.0	314.4	
167 1,3-Diethylbenzene	119	12.827	12.827	0.000	95	4217135	300.0	328.9	
168 p-Diethylbenzene	119	12.900	12.900	0.000	93	4474067	300.0	324.7	
169 n-Butylbenzene	92	12.919	12.919	0.000	98	3563504	300.0	327.8	
171 1,2-Dichlorobenzene	146	12.943	12.943	0.000	99	4039103	300.0	317.0	
172 o-diethylbenzene	119	12.974	12.973	0.001	96	3682743	300.0	332.8	
173 1,2-Dibromo-3-Chloropropane	75	13.504	13.504	0.000	87	776704	300.0	291.4	
175 1,3,5-Trichlorobenzene	180	13.632	13.632	0.000	98	2702766	300.0	325.0	
176 1,2,4-Trichlorobenzene	180	14.071	14.071	0.000	94	2593360	300.0	314.3	
177 2-Ethylhexyl acrylate	55	14.150	14.150	0.000	82	2338715	300.1	314.3	
178 Hexachlorobutadiene	225	14.156	14.156	0.000	92	1107600	300.0	299.7	
179 Naphthalene	128	14.254	14.254	0.000	97	9736936	300.0	305.6	
180 1,2,3-Trichlorobenzene	180	14.400	14.400	0.000	95	2502762	300.0	312.4	
181 2-Methylnaphthalene	142	15.004	15.004	0.000	92	4485157	300.0	322.3	
S 213 Total Diethylbenzene	1				0			986.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_CYC_00012	Amount Added: 30.00	Units: uL	
MSV_CCV_GASES_01127	Amount Added: 7.50	Units: uL	
MSV_CCV_VOC#3_00250	Amount Added: 12.00	Units: uL	
MSV_CCV_2CEVE_00240	Amount Added: 15.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 15.00	Units: uL	
MSV_CCV_VOC#1_00248	Amount Added: 15.00	Units: uL	
MSV_CCV_OH_Sp_00023	Amount Added: 15.00	Units: uL	
MSV_Cent_ISSS_00041	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 12-Aug-2025 14:07:37

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D

Injection Date: 11-Aug-2025 21:01:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC v300

Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

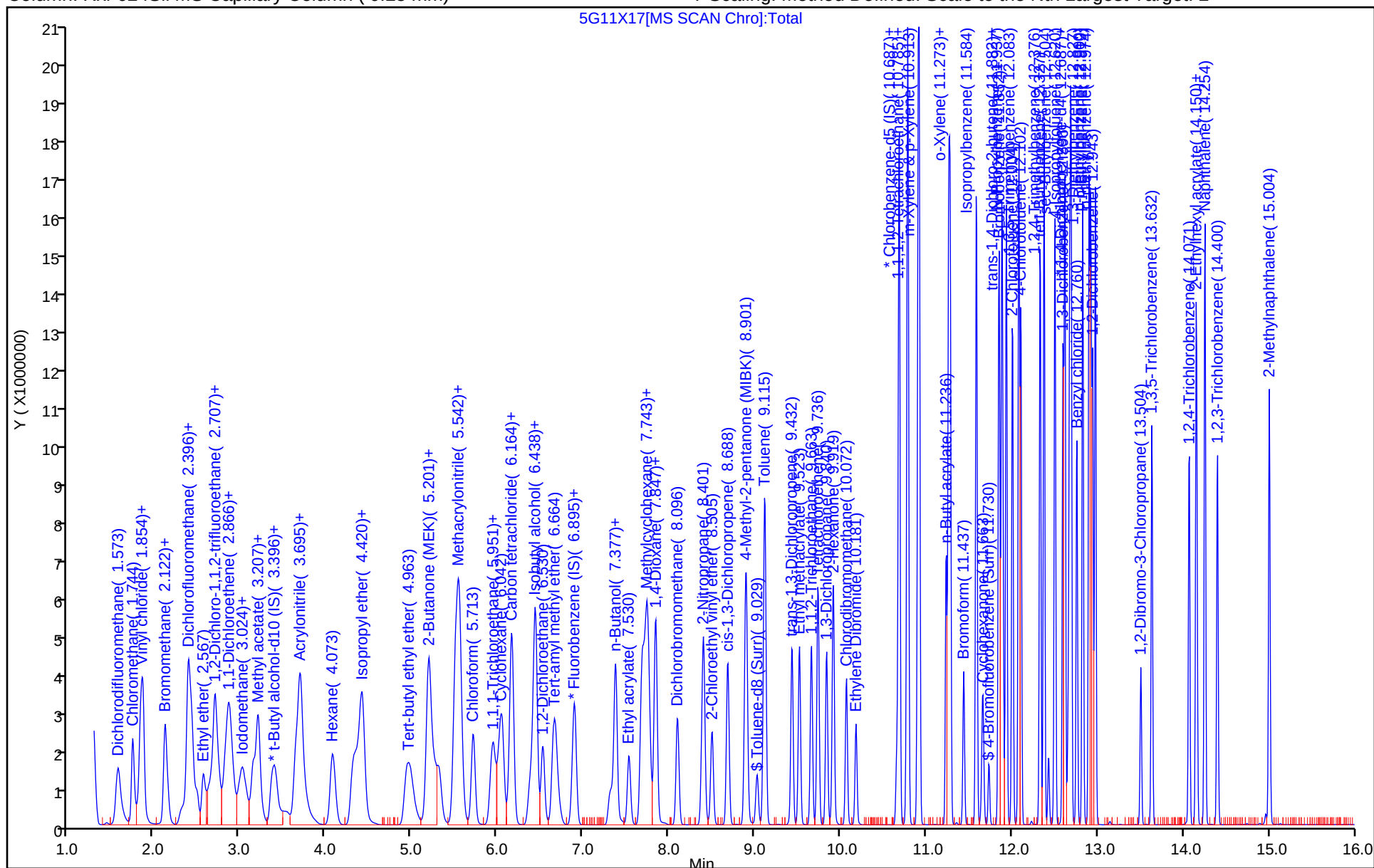
ALS Bottle#: 17

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

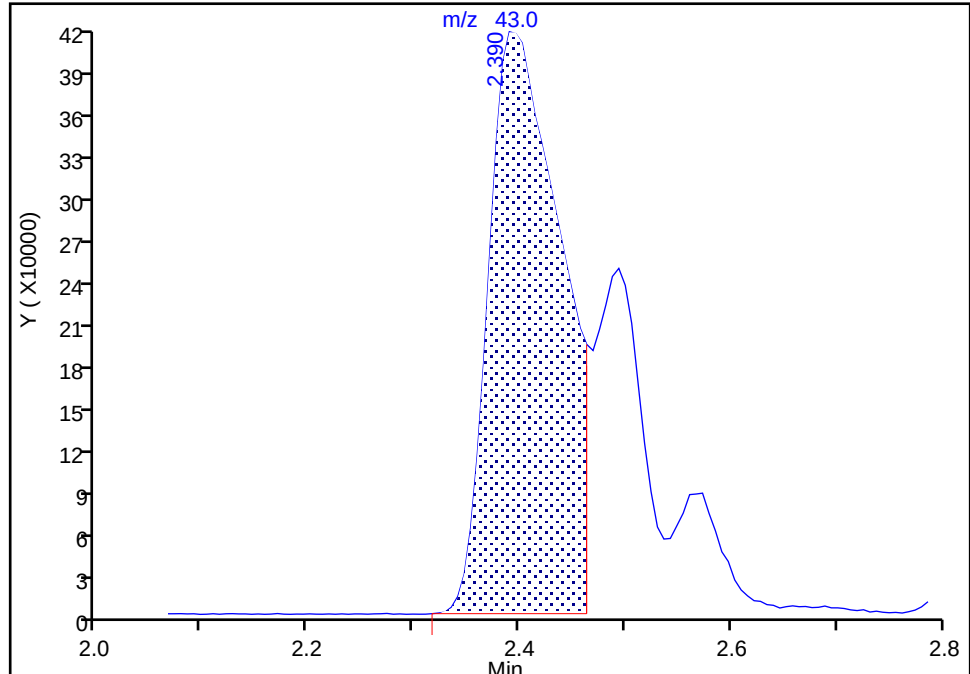
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Injection Date: 11-Aug-2025 21:01:30 Instrument ID: 26285
Lims ID: IC v300
Client ID:
Operator ID: knk41612 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

12 Pentane, CAS: 109-66-0

Signal: 1

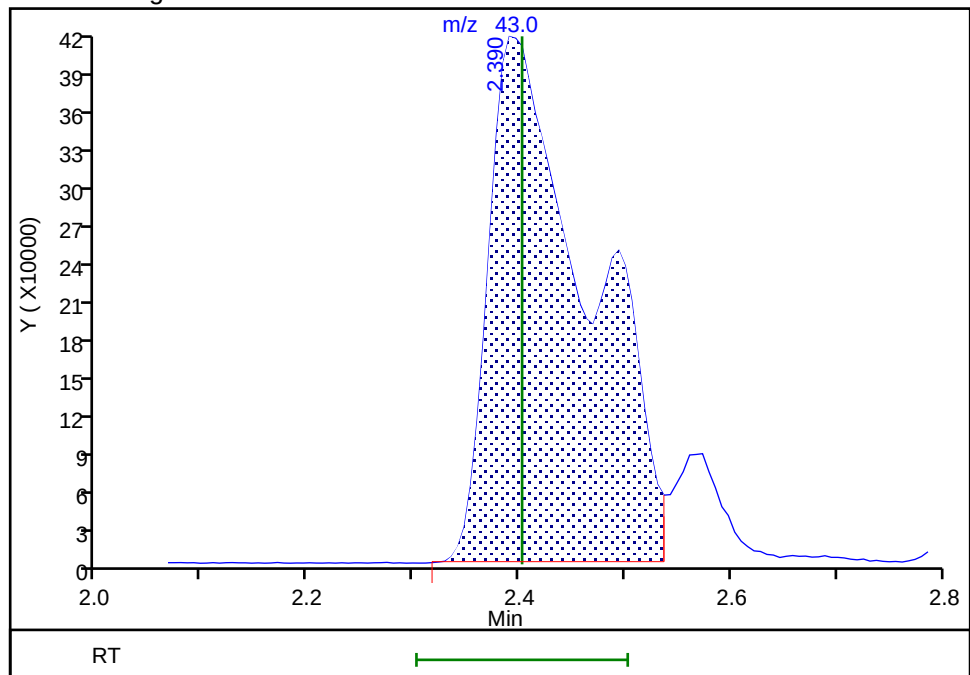
RT: 2.39
Area: 1973058
Amount: 289.4983
Amount Units: ug/l

Processing Integration Results



RT: 2.39
Area: 2707402
Amount: 335.8559
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:55:08 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

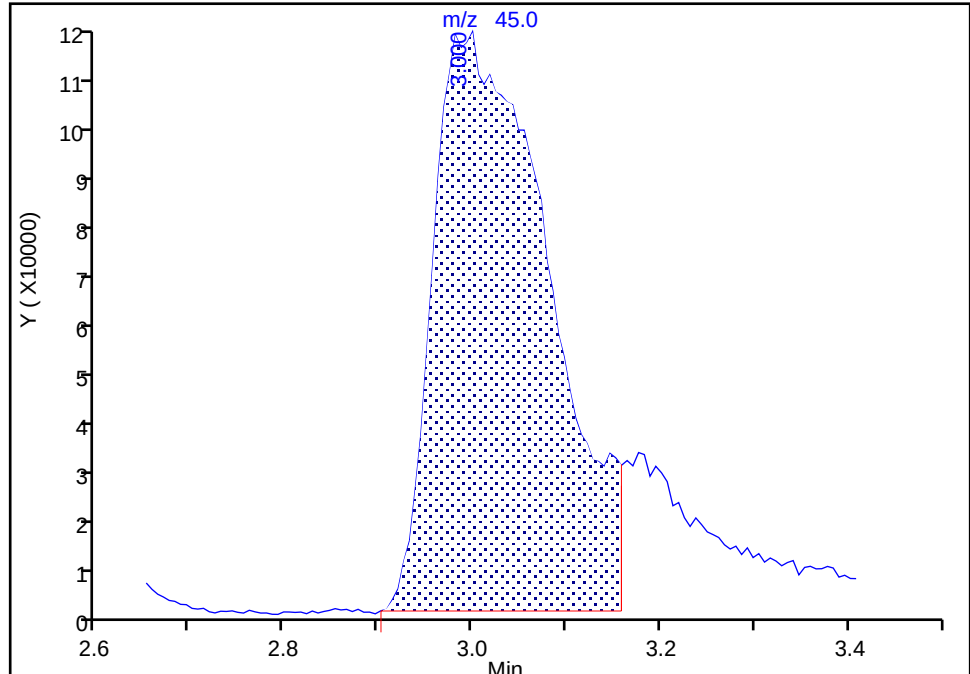
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Injection Date: 11-Aug-2025 21:01:30 Instrument ID: 26285
Lims ID: IC v300
Client ID:
Operator ID: knk41612 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

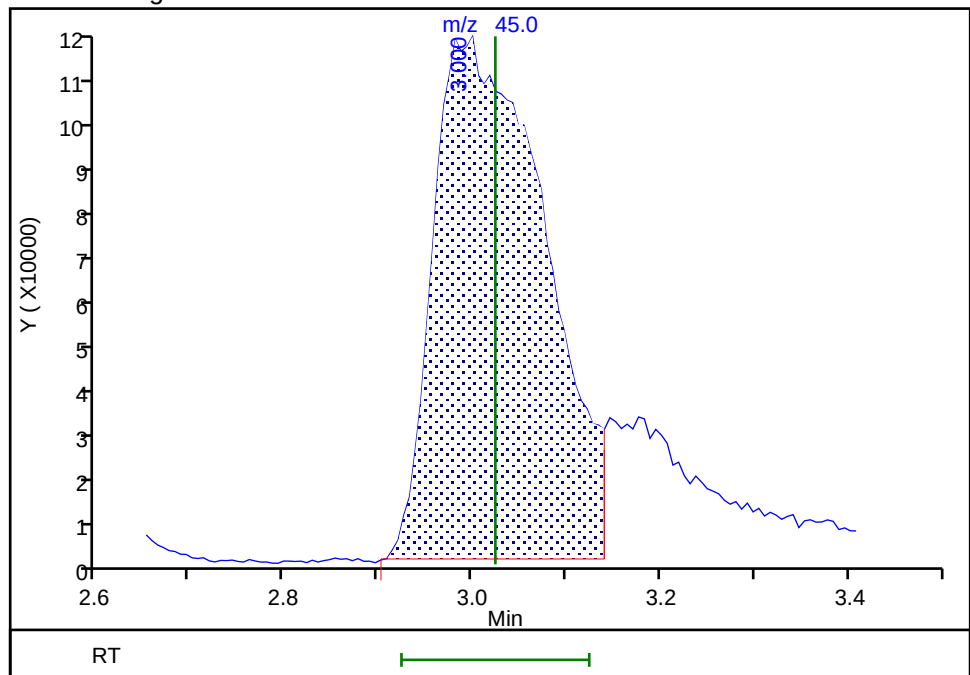
RT: 3.00
Area: 976156
Amount: 1298.1497
Amount Units: ug/l

Processing Integration Results



RT: 3.00
Area: 943432
Amount: 1283.5179
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:55:20 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

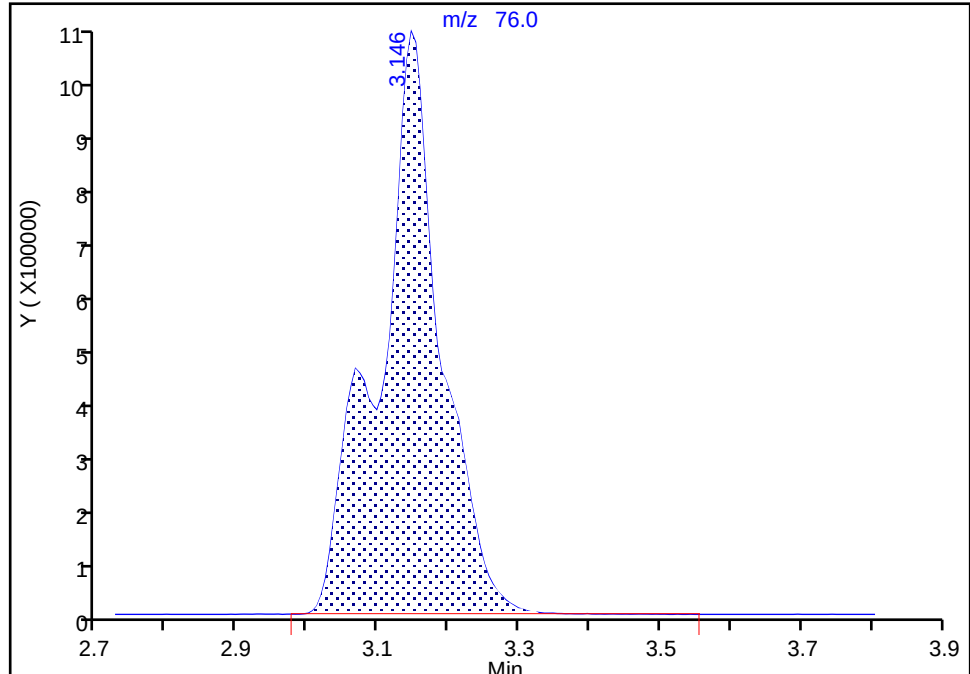
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Injection Date: 11-Aug-2025 21:01:30 Instrument ID: 26285
Lims ID: IC v300
Client ID:
Operator ID: knk41612 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

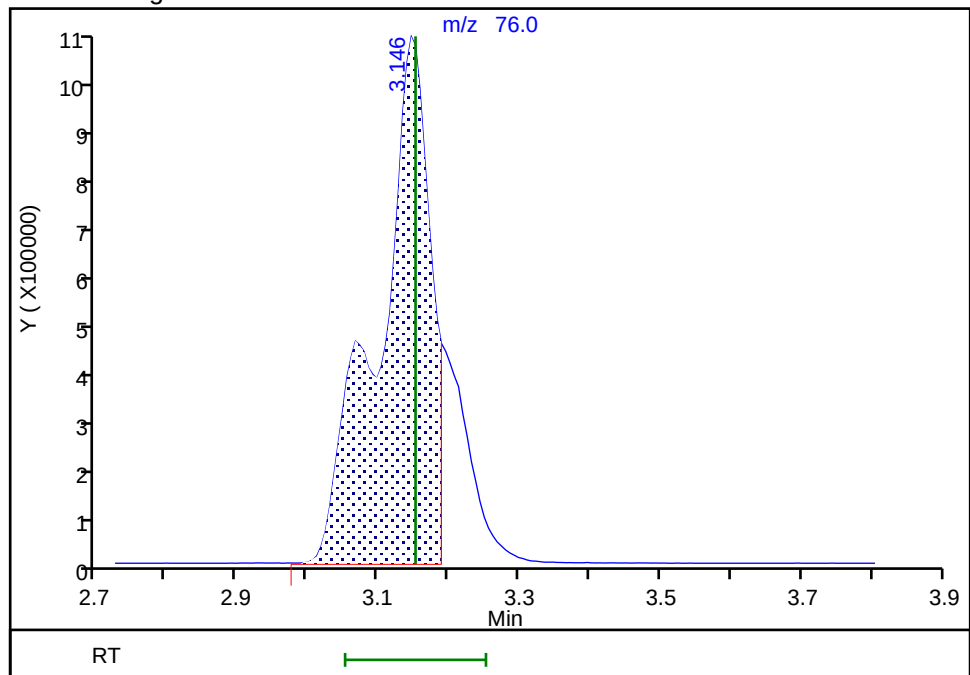
RT: 3.15
Area: 6582526
Amount: 415.2970
Amount Units: ug/l

Processing Integration Results



RT: 3.15
Area: 5470718
Amount: 316.3866
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:55:32 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Calibration

/ Dichlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

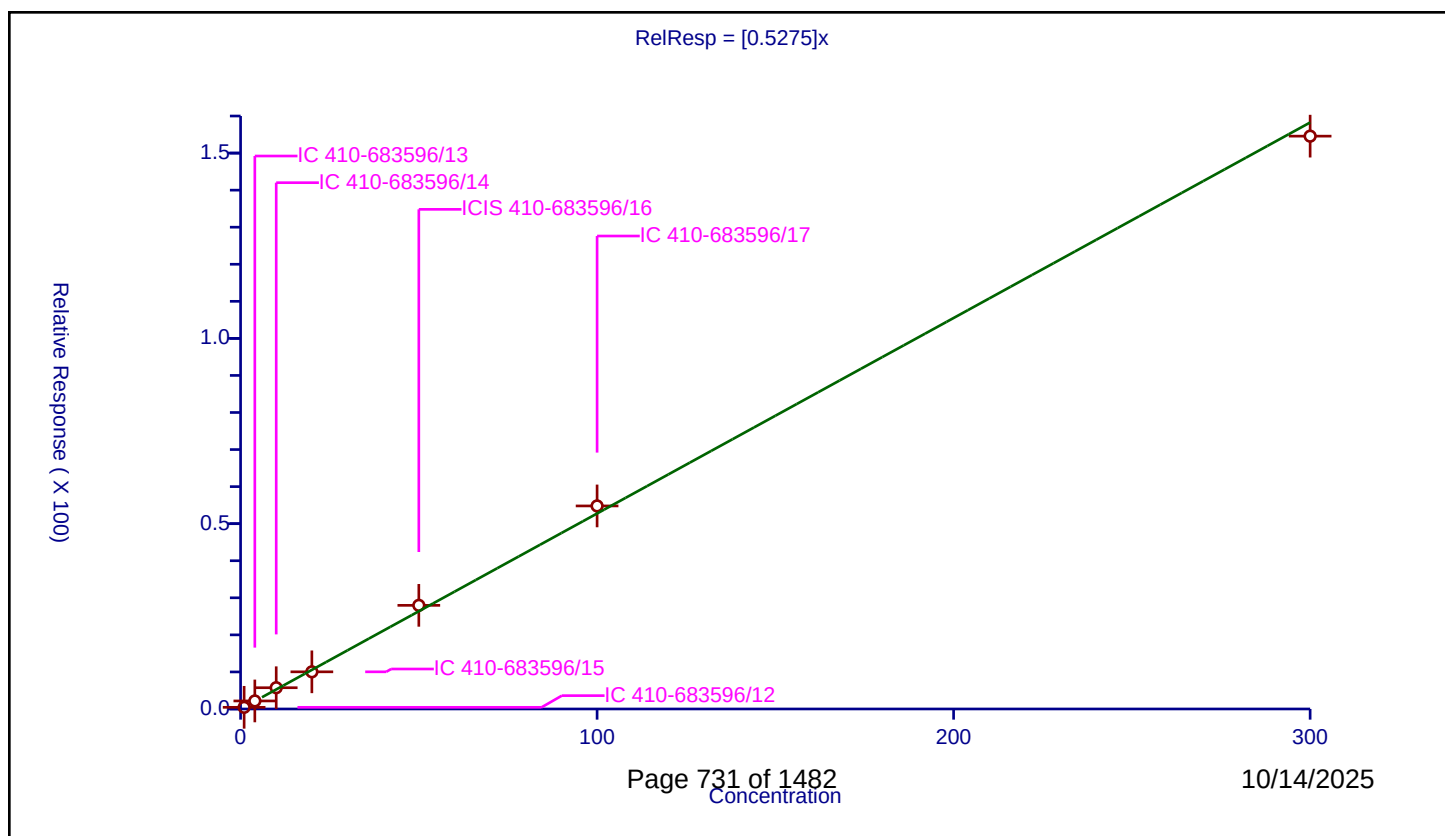
Curve Coefficients

Intercept: 0
Slope: 0.5275

Error Coefficients

Relative Standard Deviation: 7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.451816	50.0	1034825.0	0.451816	Y
2	IC 410-683596/13	4.0	2.171514	50.0	1060182.0	0.542878	Y
3	IC 410-683596/14	10.0	5.739075	50.0	1029260.0	0.573907	Y
4	IC 410-683596/15	20.0	10.028591	50.0	1058718.0	0.50143	Y
5	ICIS 410-683596/16	50.0	27.966756	50.0	1071785.0	0.559335	Y
6	IC 410-683596/17	100.0	54.790984	50.0	1063341.0	0.54791	Y
7	IC 410-683596/18	300.0	154.570688	50.0	1117567.0	0.515236	Y



Calibration

/ Chloromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

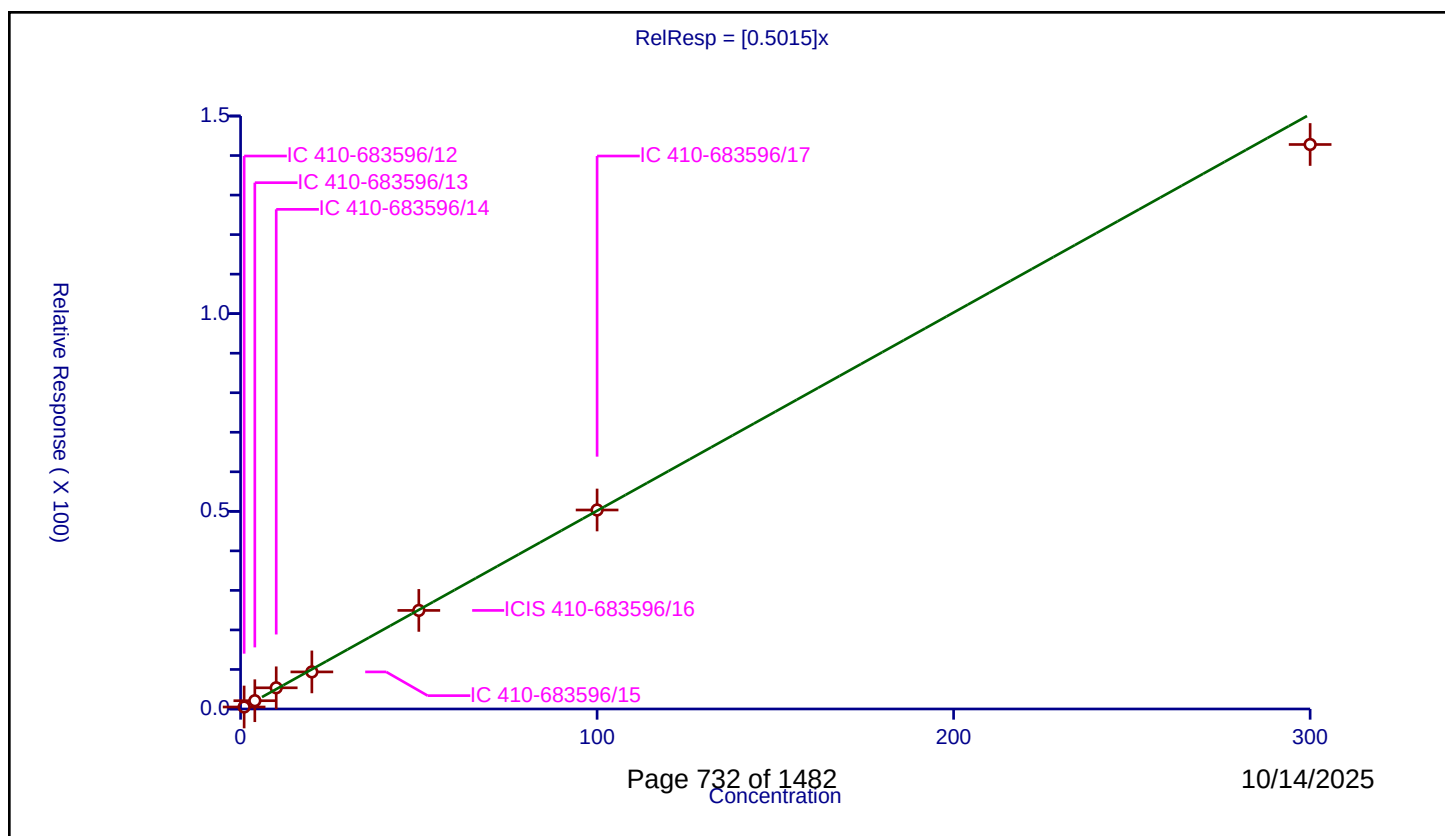
Curve Coefficients

Intercept: 0
Slope: 0.5015

Error Coefficients

Relative Standard Deviation: 4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.503418	50.0	1034825.0	0.503418	Y
2	IC 410-683596/13	4.0	2.093933	50.0	1060182.0	0.523483	Y
3	IC 410-683596/14	10.0	5.362056	50.0	1029260.0	0.536206	Y
4	IC 410-683596/15	20.0	9.380827	50.0	1058718.0	0.469041	Y
5	ICIS 410-683596/16	50.0	24.932892	50.0	1071785.0	0.498658	Y
6	IC 410-683596/17	100.0	50.34086	50.0	1063341.0	0.503409	Y
7	IC 410-683596/18	300.0	142.795913	50.0	1117567.0	0.475986	Y



Calibration

/ Vinyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

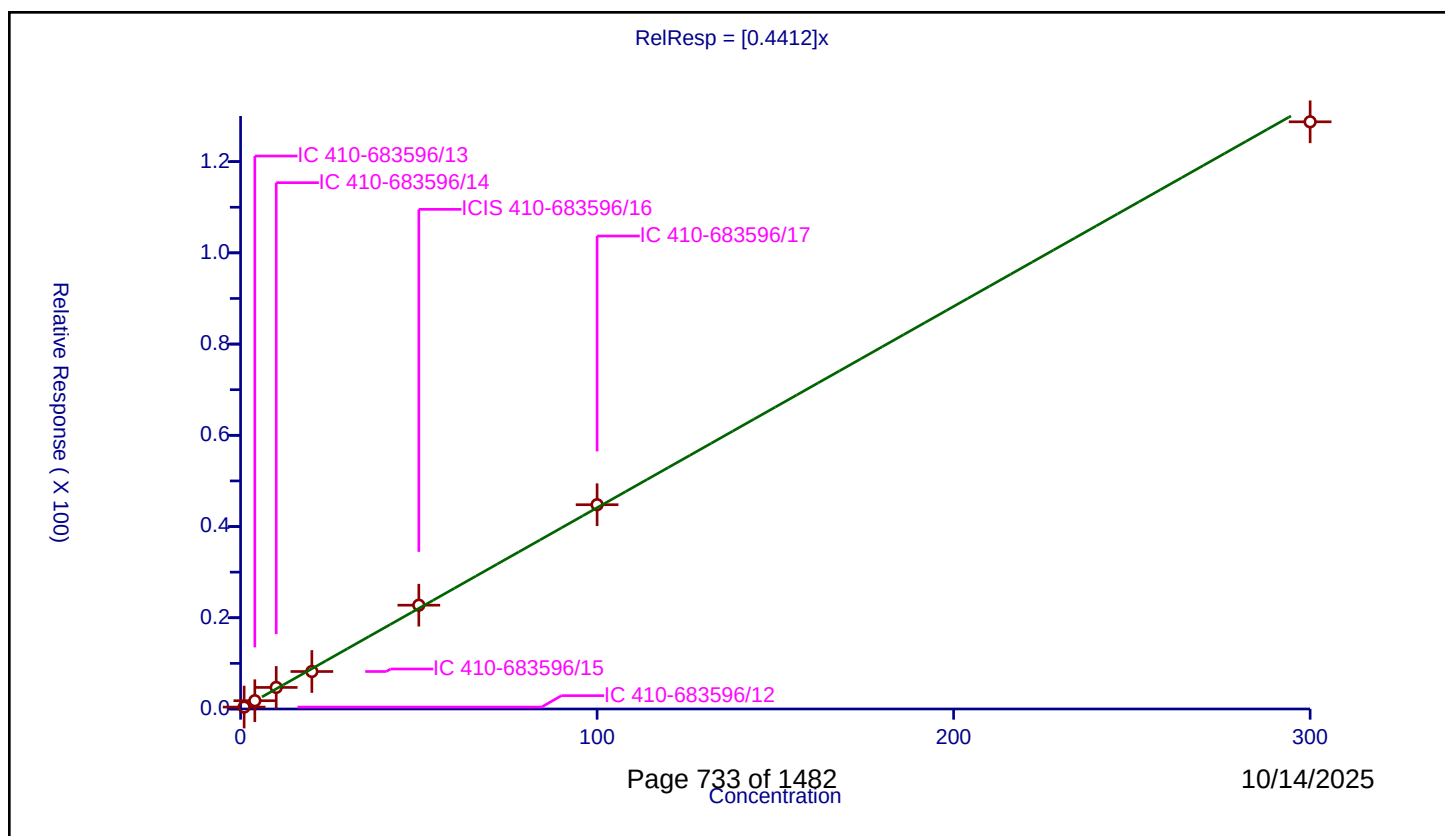
Curve Coefficients

Intercept: 0
Slope: 0.4412

Error Coefficients

Relative Standard Deviation: 5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.419443	50.0	1034825.0	0.419443	Y
2	IC 410-683596/13	4.0	1.813698	50.0	1060182.0	0.453425	Y
3	IC 410-683596/14	10.0	4.728689	50.0	1029260.0	0.472869	Y
4	IC 410-683596/15	20.0	8.218525	50.0	1058718.0	0.410926	Y
5	ICIS 410-683596/16	50.0	22.75671	50.0	1071785.0	0.455134	Y
6	IC 410-683596/17	100.0	44.784411	50.0	1063341.0	0.447844	Y
7	IC 410-683596/18	300.0	128.731521	50.0	1117567.0	0.429105	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

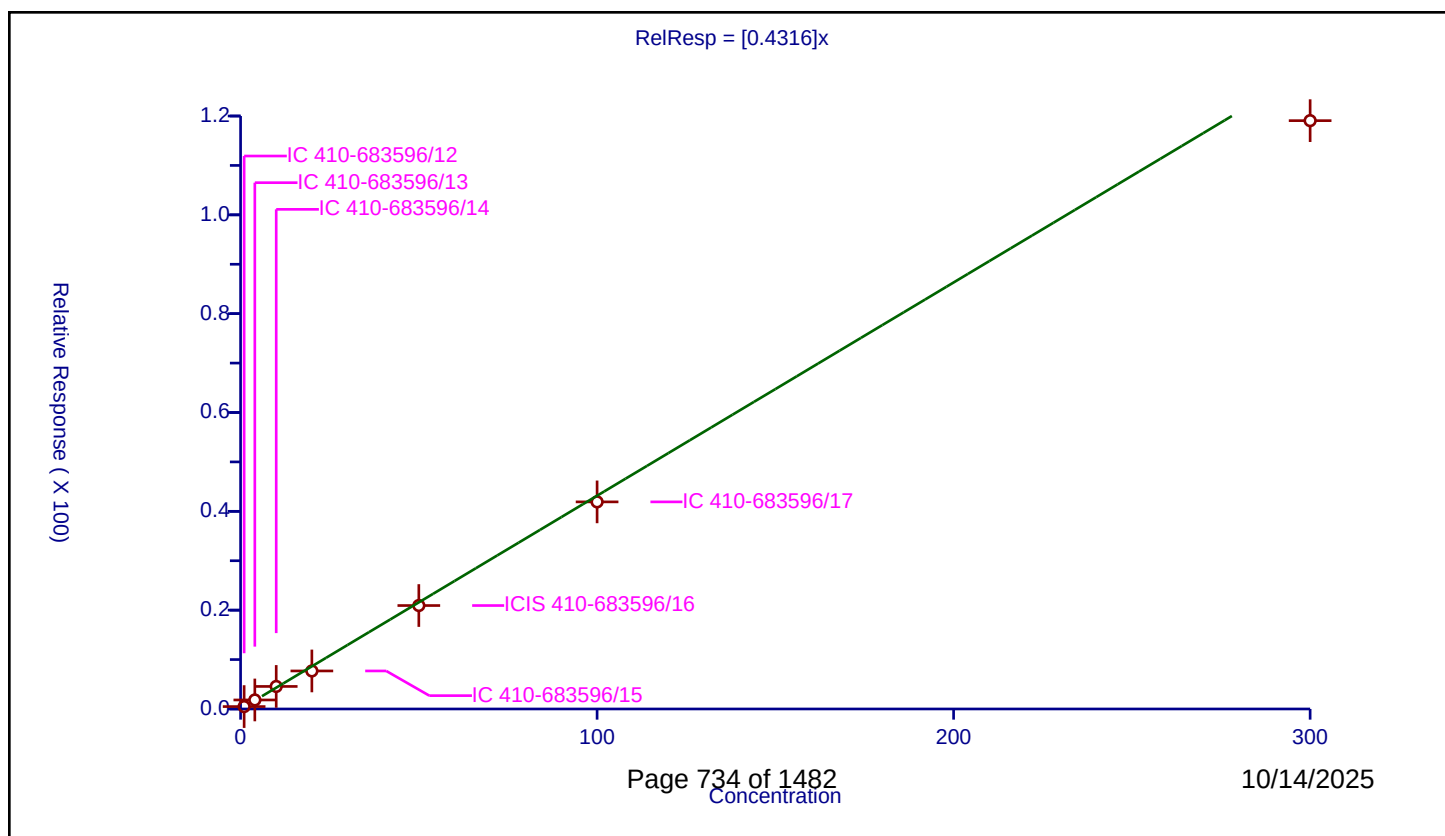
Curve Coefficients

Intercept: 0
Slope: 0.4316

Error Coefficients

Relative Standard Deviation: 8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.488972	50.0	1034825.0	0.488972	Y
2	IC 410-683596/13	4.0	1.825819	50.0	1060182.0	0.456455	Y
3	IC 410-683596/14	10.0	4.560364	50.0	1029260.0	0.456036	Y
4	IC 410-683596/15	20.0	7.695817	50.0	1058718.0	0.384791	Y
5	ICIS 410-683596/16	50.0	20.938108	50.0	1071785.0	0.418762	Y
6	IC 410-683596/17	100.0	41.913836	50.0	1063341.0	0.419138	Y
7	IC 410-683596/18	300.0	119.063063	50.0	1117567.0	0.396877	Y



Calibration

/ Bromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

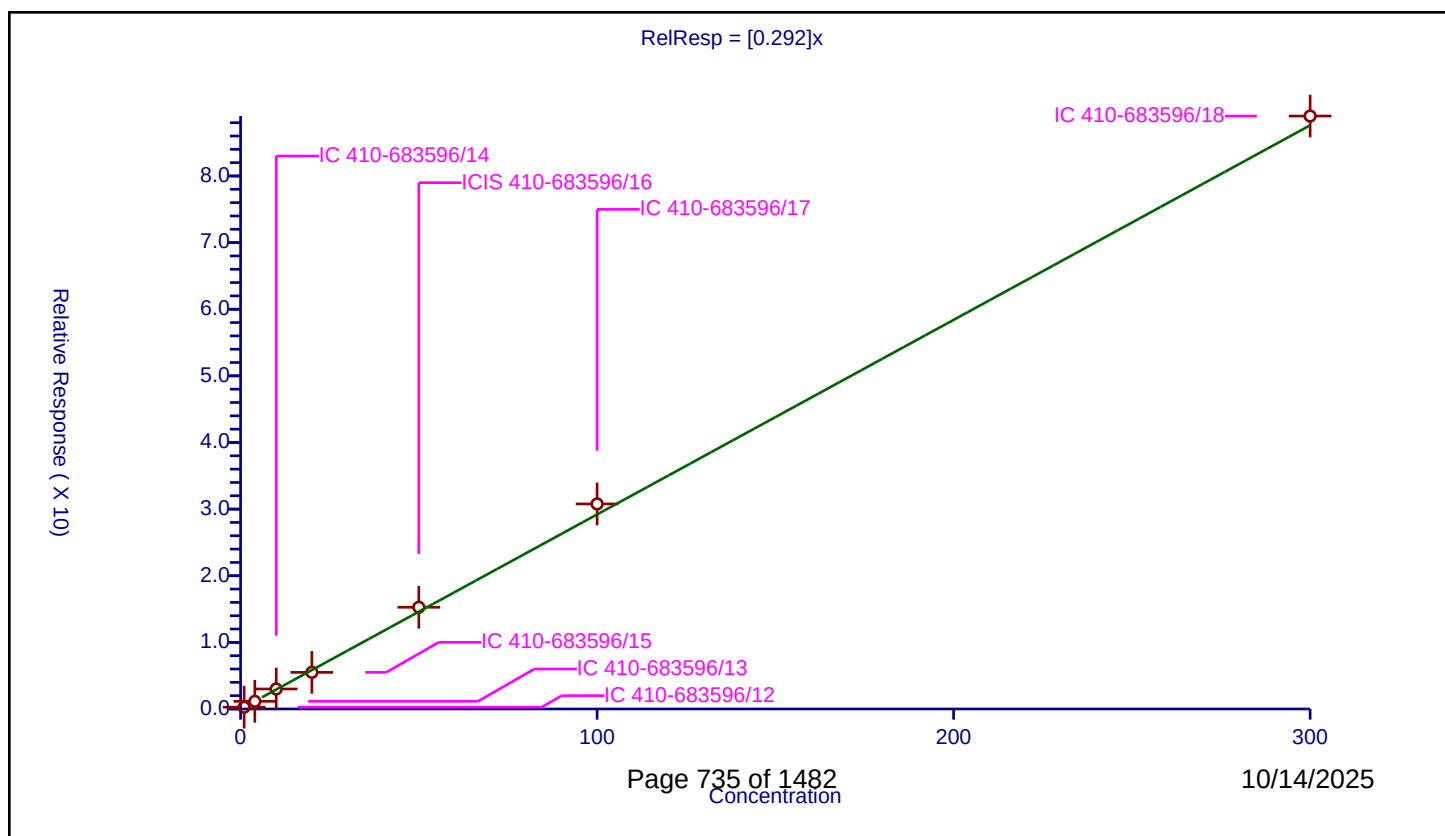
Curve Coefficients

Intercept: 0
Slope: 0.292

Error Coefficients

Relative Standard Deviation: 5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.271399	50.0	1034825.0	0.271399	Y
2	IC 410-683596/13	4.0	1.150793	50.0	1060182.0	0.287698	Y
3	IC 410-683596/14	10.0	3.003614	50.0	1029260.0	0.300361	Y
4	IC 410-683596/15	20.0	5.496884	50.0	1058718.0	0.274844	Y
5	ICIS 410-683596/16	50.0	15.267194	50.0	1071785.0	0.305344	Y
6	IC 410-683596/17	100.0	30.778603	50.0	1063341.0	0.307786	Y
7	IC 410-683596/18	300.0	88.994262	50.0	1117567.0	0.296648	Y



Calibration

/ Chloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

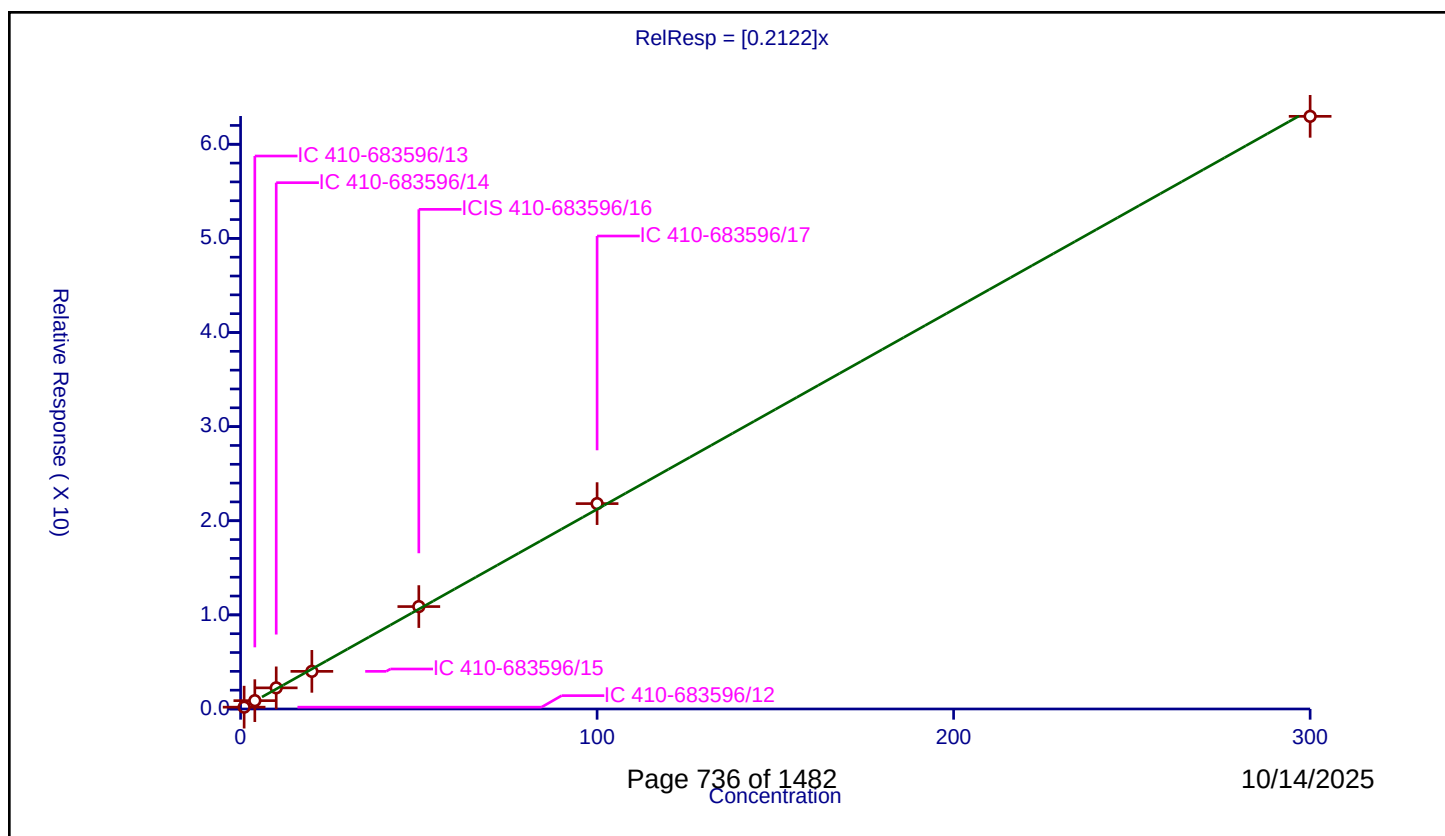
Curve Coefficients

Intercept: 0
Slope: 0.2122

Error Coefficients

Relative Standard Deviation: 5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.193753	50.0	1034825.0	0.193753	Y
2	IC 410-683596/13	4.0	0.886074	50.0	1060182.0	0.221519	Y
3	IC 410-683596/14	10.0	2.24574	50.0	1029260.0	0.224574	Y
4	IC 410-683596/15	20.0	3.99809	50.0	1058718.0	0.199905	Y
5	ICIS 410-683596/16	50.0	10.881194	50.0	1071785.0	0.217624	Y
6	IC 410-683596/17	100.0	21.820376	50.0	1063341.0	0.218204	Y
7	IC 410-683596/18	300.0	62.965979	50.0	1117567.0	0.209887	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

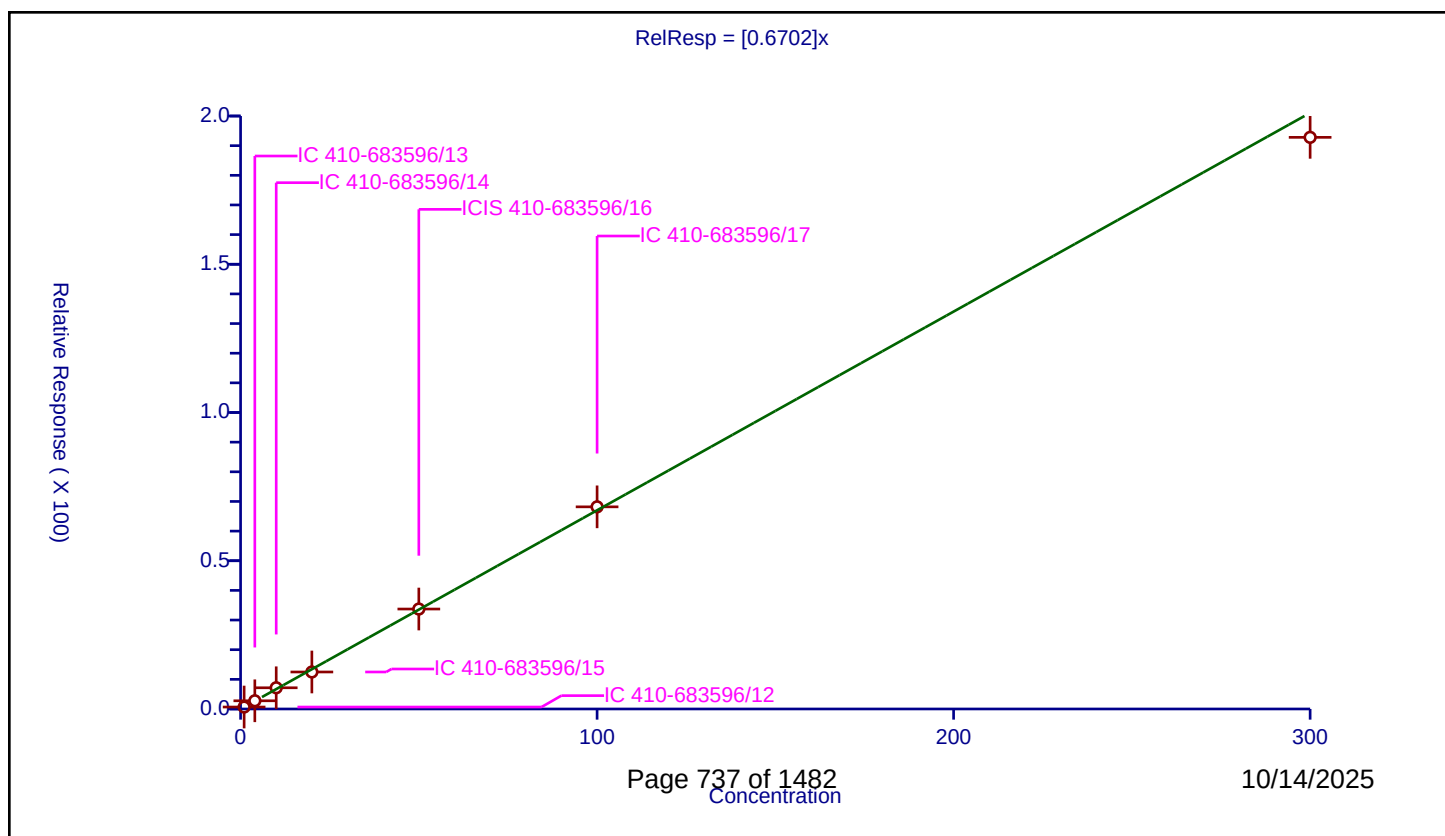
Curve Coefficients

Intercept: 0
Slope: 0.6702

Error Coefficients

Relative Standard Deviation: 4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.661464	50.0	1034825.0	0.661464	Y
2	IC 410-683596/13	4.0	2.767119	50.0	1060182.0	0.69178	Y
3	IC 410-683596/14	10.0	7.155481	50.0	1029260.0	0.715548	Y
4	IC 410-683596/15	20.0	12.476457	50.0	1058718.0	0.623823	Y
5	ICIS 410-683596/16	50.0	33.712545	50.0	1071785.0	0.674251	Y
6	IC 410-683596/17	100.0	68.182314	50.0	1063341.0	0.681823	Y
7	IC 410-683596/18	300.0	192.808619	50.0	1117567.0	0.642695	Y



Calibration

/ Pentane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

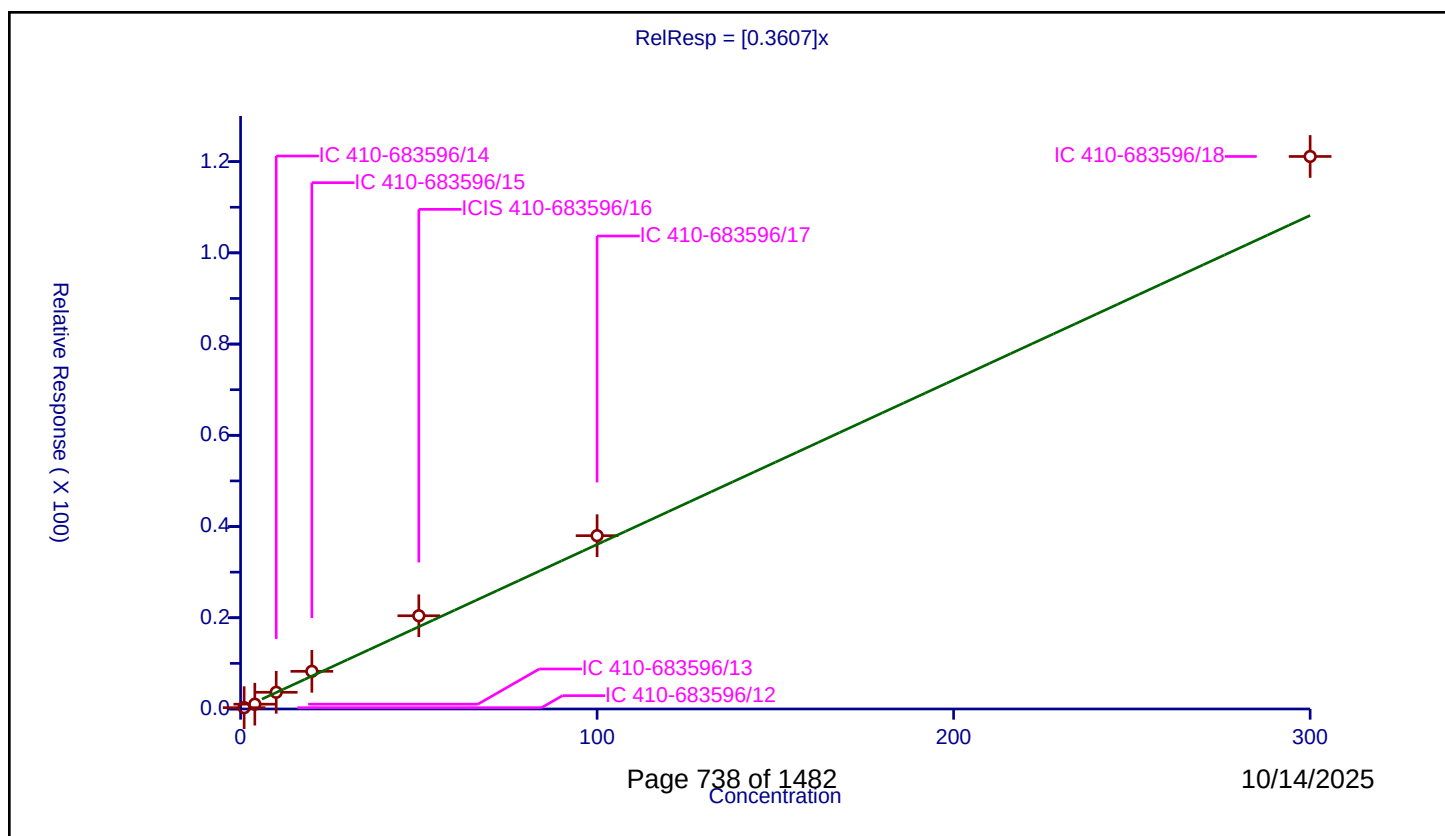
Curve Coefficients

Intercept: 0
Slope: 0.3607

Error Coefficients

Relative Standard Deviation: 16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.289131	50.0	1034825.0	0.289131	Y
2	IC 410-683596/13	4.0	1.055479	50.0	1060182.0	0.26387	Y
3	IC 410-683596/14	10.0	3.662243	50.0	1029260.0	0.366224	Y
4	IC 410-683596/15	20.0	8.255362	50.0	1058718.0	0.412768	Y
5	ICIS 410-683596/16	50.0	20.443419	50.0	1071785.0	0.408868	Y
6	IC 410-683596/17	100.0	37.998347	50.0	1063341.0	0.379983	Y
7	IC 410-683596/18	300.0	121.129292	50.0	1117567.0	0.403764	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

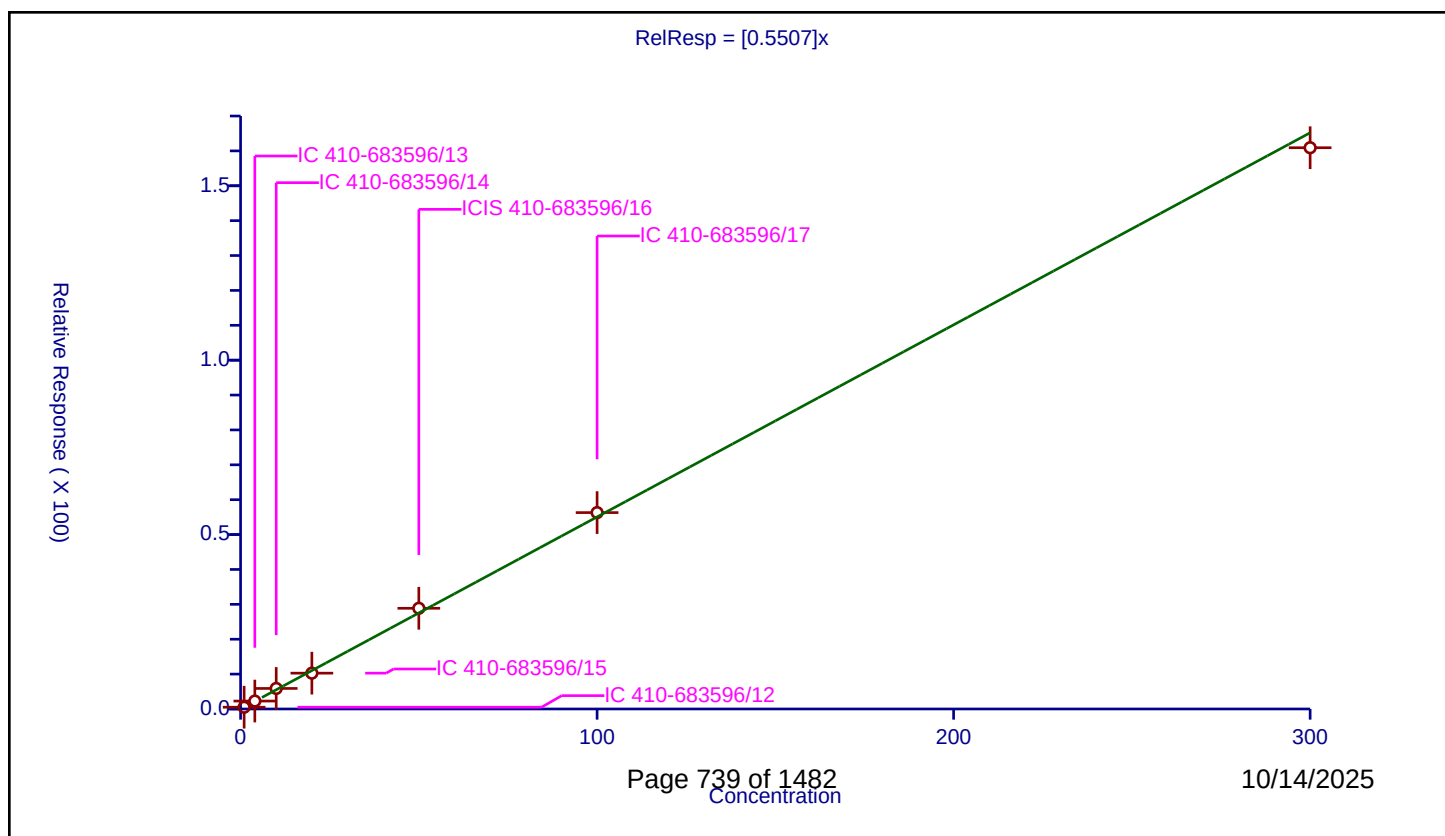
Curve Coefficients

Intercept: 0
Slope: 0.5507

Error Coefficients

Relative Standard Deviation: 5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.506511	50.0	1034825.0	0.506511	Y
2	IC 410-683596/13	4.0	2.274421	50.0	1060182.0	0.568605	Y
3	IC 410-683596/14	10.0	5.891077	50.0	1029260.0	0.589108	Y
4	IC 410-683596/15	20.0	10.272471	50.0	1058718.0	0.513624	Y
5	ICIS 410-683596/16	50.0	28.868616	50.0	1071785.0	0.577372	Y
6	IC 410-683596/17	100.0	56.298779	50.0	1063341.0	0.562988	Y
7	IC 410-683596/18	300.0	160.906863	50.0	1117567.0	0.536356	Y



Calibration

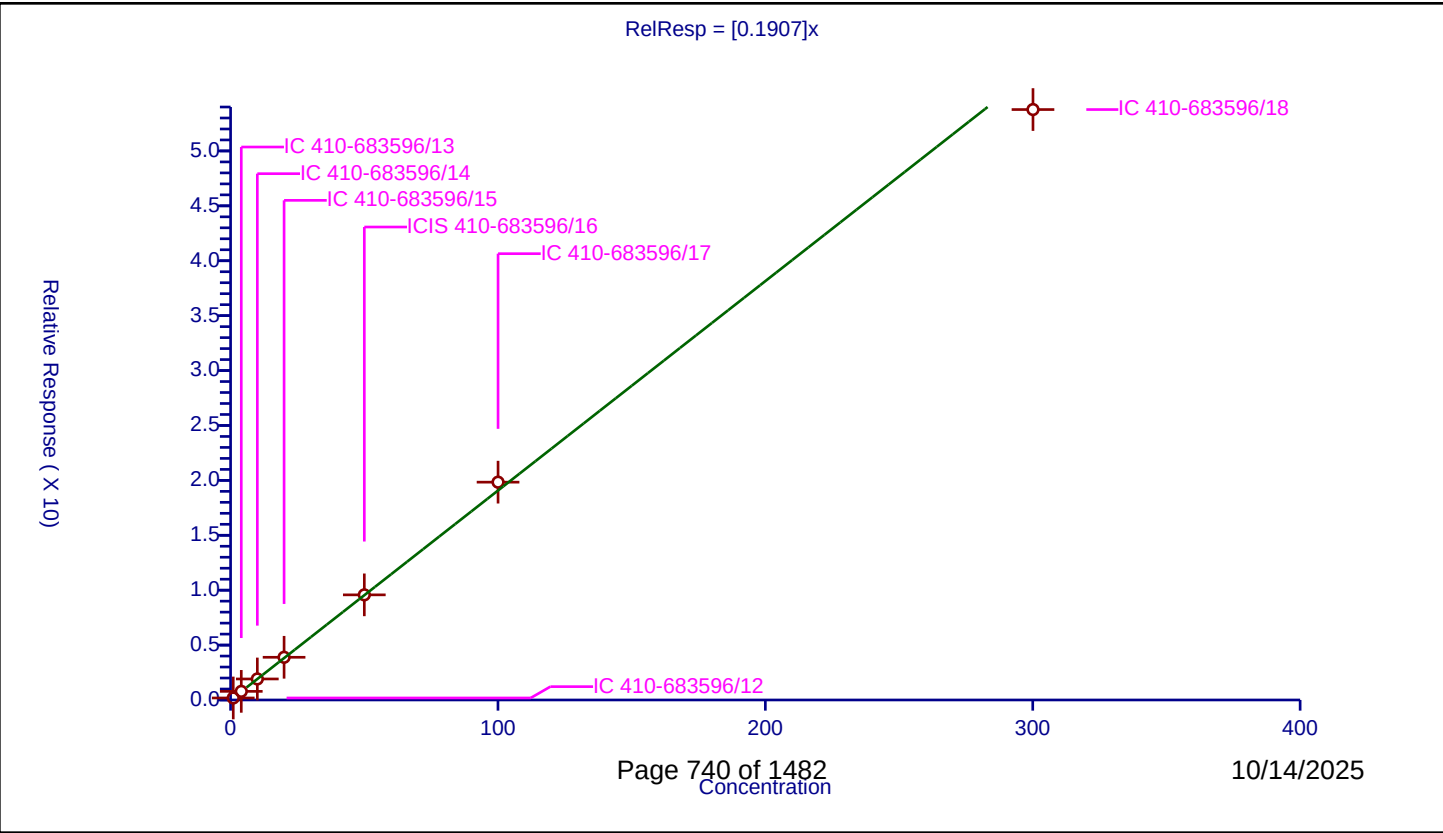
/ Ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1907
Error Coefficients	

Relative Standard Deviation: 3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.000332	0.184331	50.0	1034825.0	0.18427	Y
2	IC 410-683596/13	4.001328	0.784912	50.0	1060182.0	0.196163	Y
3	IC 410-683596/14	10.00332	1.914822	50.0	1029260.0	0.191419	Y
4	IC 410-683596/15	20.00664	3.888901	50.0	1058718.0	0.194381	Y
5	ICIS 410-683596/16	50.0166	9.573049	50.0	1071785.0	0.191397	Y
6	IC 410-683596/17	100.0332	19.83771	50.0	1063341.0	0.198311	Y
7	IC 410-683596/18	300.0996	53.770065	50.0	1117567.0	0.179174	Y



Calibration

/ 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

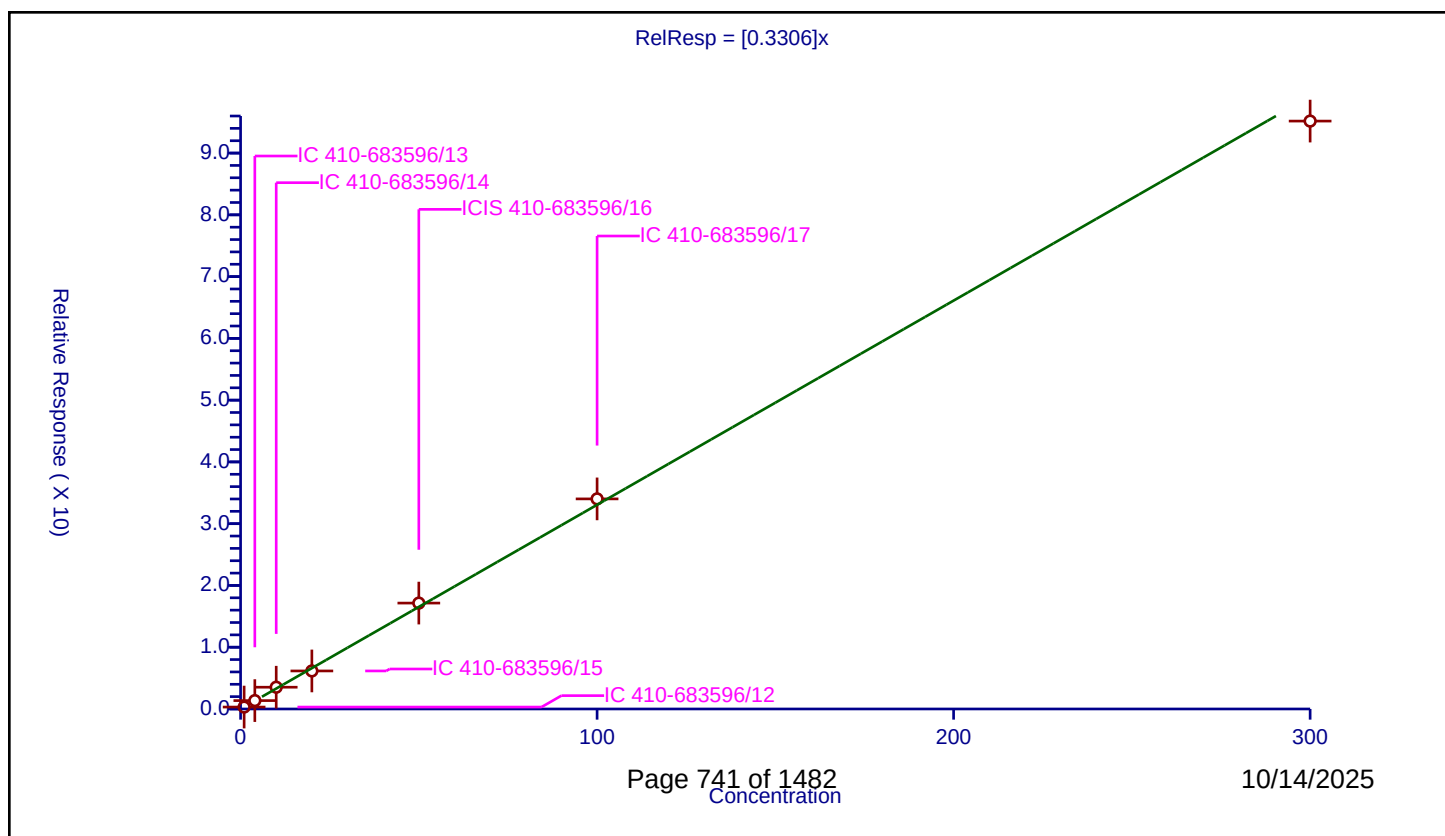
Curve Coefficients

Intercept: 0
Slope: 0.3306

Error Coefficients

Relative Standard Deviation: 5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.313386	50.0	1034825.0	0.313386	Y
2	IC 410-683596/13	4.0	1.359153	50.0	1060182.0	0.339788	Y
3	IC 410-683596/14	10.0	3.5253	50.0	1029260.0	0.35253	Y
4	IC 410-683596/15	20.0	6.160564	50.0	1058718.0	0.308028	Y
5	ICIS 410-683596/16	50.0	17.144763	50.0	1071785.0	0.342895	Y
6	IC 410-683596/17	100.0	34.013172	50.0	1063341.0	0.340132	Y
7	IC 410-683596/18	300.0	95.178007	50.0	1117567.0	0.31726	Y



Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

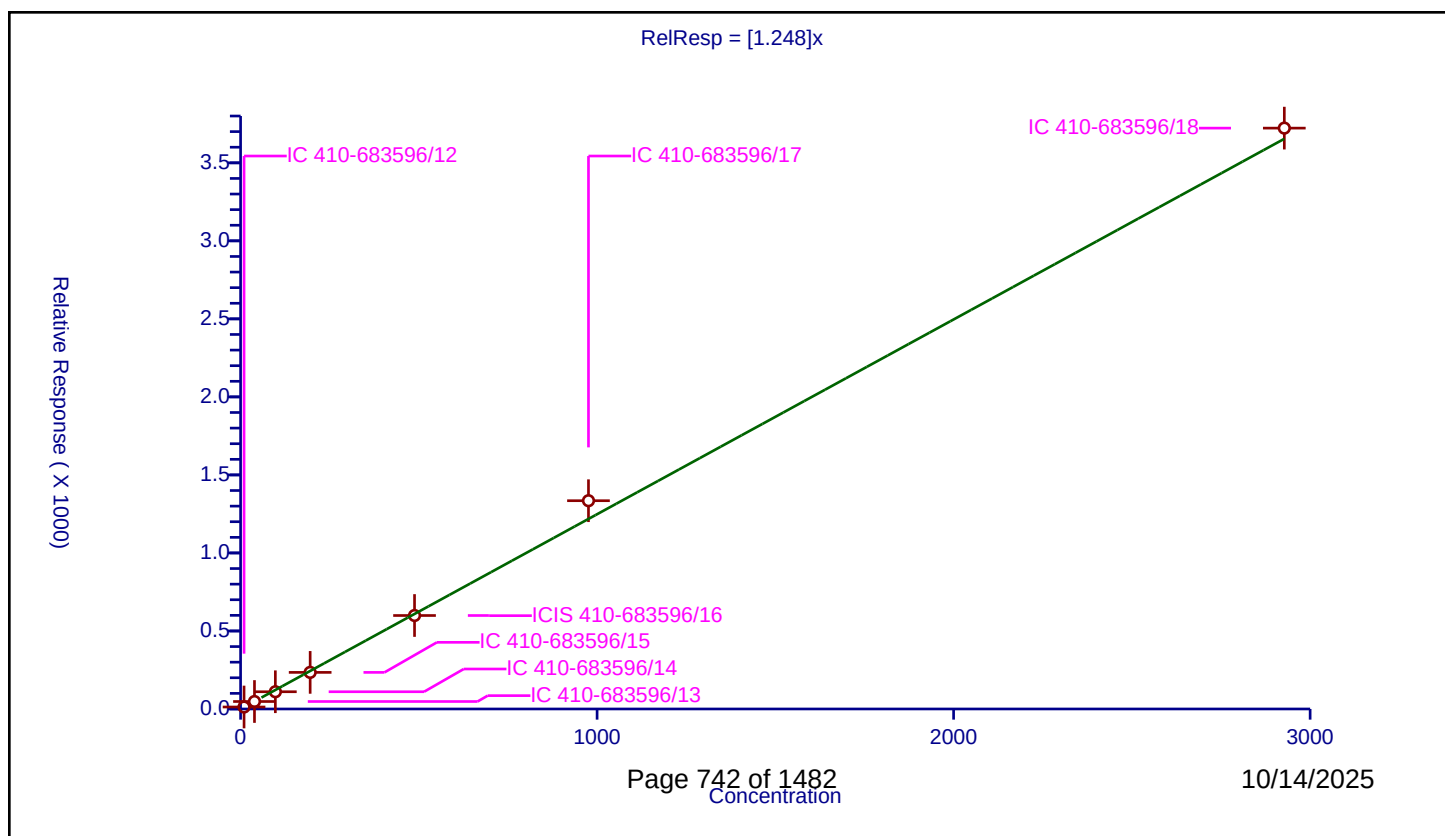
Curve Coefficients

Intercept: 0
Slope: 1.248

Error Coefficients

Relative Standard Deviation: 6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	9.758805	12.746314	250.0	363713.0	1.306135	Y
2	IC 410-683596/13	39.03522	48.010636	250.0	392814.0	1.229931	Y
3	IC 410-683596/14	97.588049	110.435135	250.0	353316.0	1.131646	Y
4	IC 410-683596/15	195.176098	234.572168	250.0	387044.0	1.201849	Y
5	ICIS 410-683596/16	487.940246	599.104142	250.0	357311.0	1.227823	Y
6	IC 410-683596/17	975.880491	1334.68156	250.0	371043.0	1.367669	Y
7	IC 410-683596/18	2927.641474	3722.453892	250.0	368101.0	1.271486	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

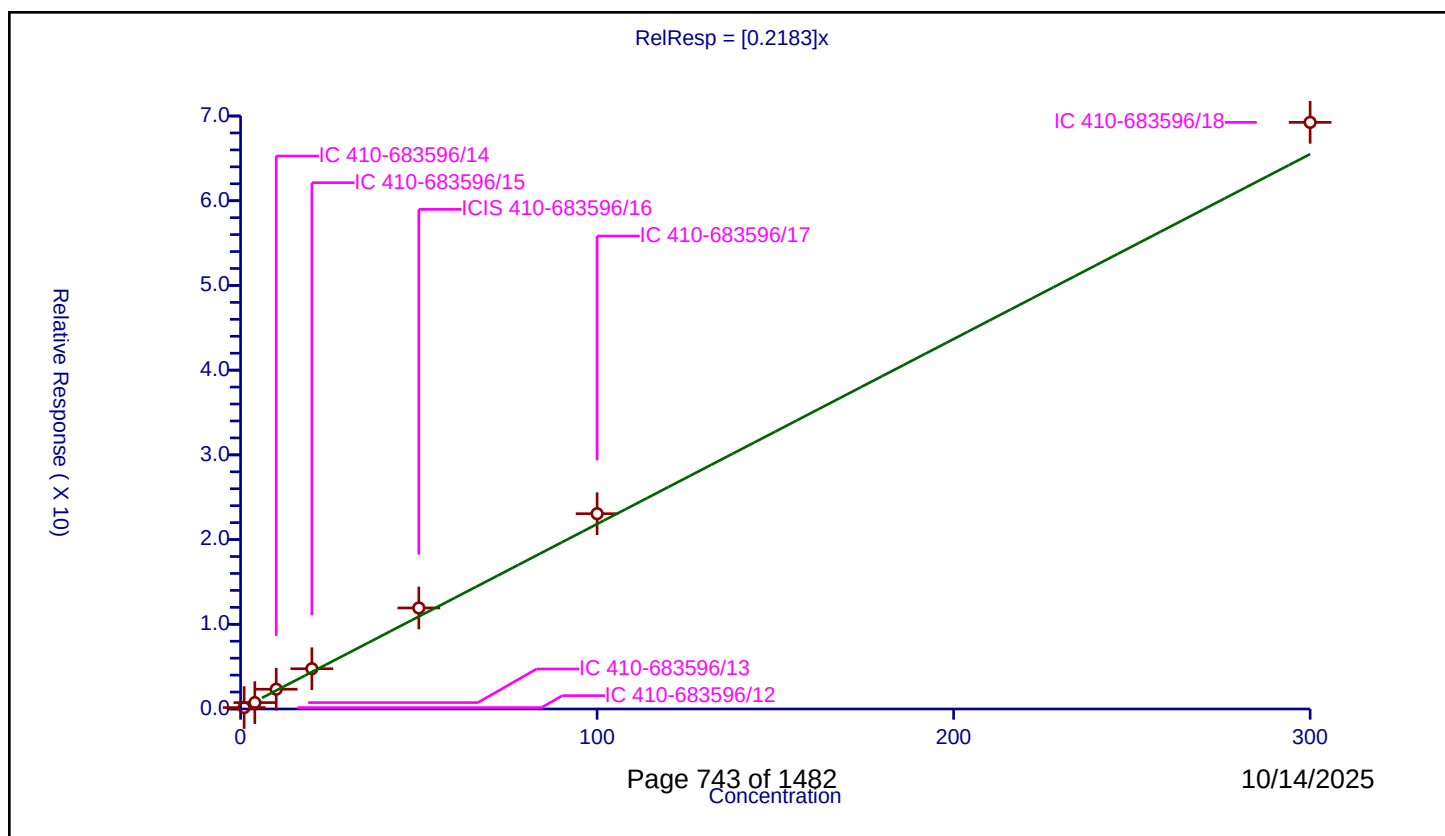
Curve Coefficients

Intercept: 0
Slope: 0.2183

Error Coefficients

Relative Standard Deviation: 12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.169401	50.0	1034825.0	0.169401	Y
2	IC 410-683596/13	4.0	0.752465	50.0	1060182.0	0.188116	Y
3	IC 410-683596/14	10.0	2.333278	50.0	1029260.0	0.233328	Y
4	IC 410-683596/15	20.0	4.75306	50.0	1058718.0	0.237653	Y
5	ICIS 410-683596/16	50.0	11.925806	50.0	1071785.0	0.238516	Y
6	IC 410-683596/17	100.0	23.05568	50.0	1063341.0	0.230557	Y
7	IC 410-683596/18	300.0	69.250076	50.0	1117567.0	0.230834	Y



Calibration

/ Acetone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

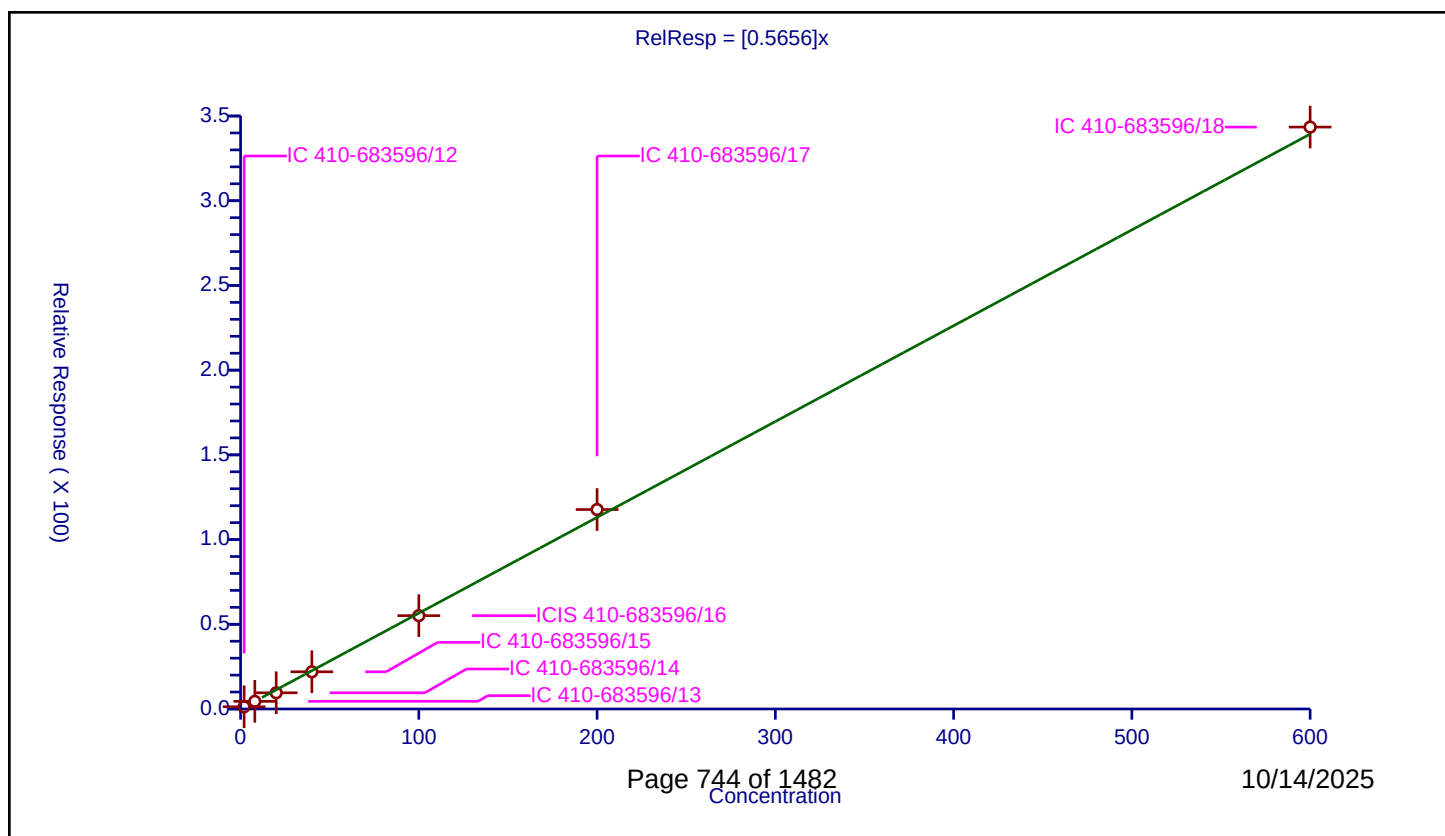
Curve Coefficients

Intercept: 0
Slope: 0.5656

Error Coefficients

Relative Standard Deviation: 9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	2.0	1.314223	250.0	363713.0	0.657112	Y
2	IC 410-683596/13	8.0	4.502767	250.0	392814.0	0.562846	Y
3	IC 410-683596/14	20.0	9.562969	250.0	353316.0	0.478148	Y
4	IC 410-683596/15	40.0	21.949701	250.0	387044.0	0.548743	Y
5	ICIS 410-683596/16	100.0	55.093462	250.0	357311.0	0.550935	Y
6	IC 410-683596/17	200.0	117.727595	250.0	371043.0	0.588638	Y
7	IC 410-683596/18	600.0	343.468233	250.0	368101.0	0.572447	Y



Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

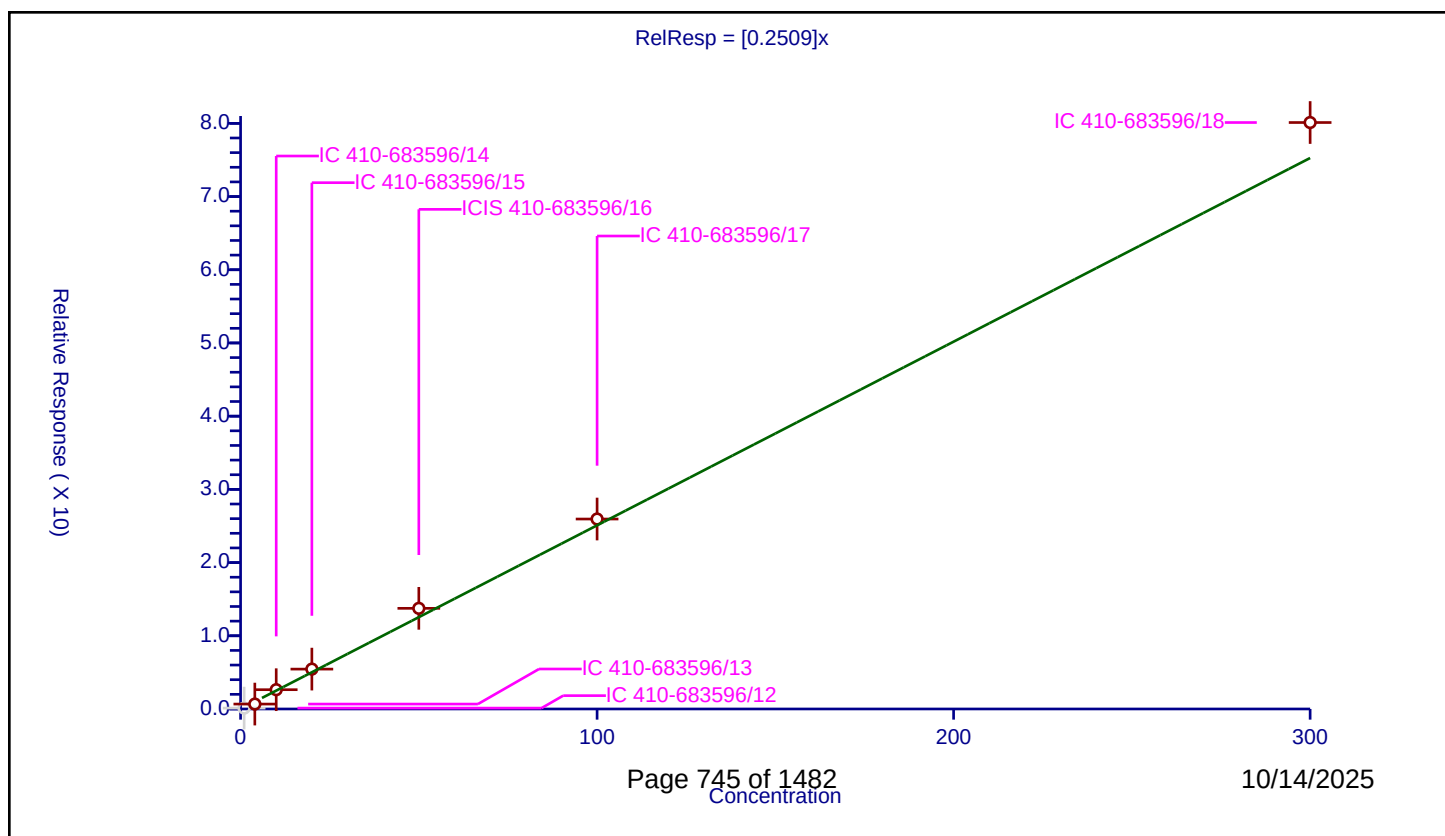
Curve Coefficients

Intercept: 0
Slope: 0.2509

Error Coefficients

Relative Standard Deviation: 16.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.122871	50.0	1034825.0	0.122871	N
2	IC 410-683596/13	4.0	0.671913	50.0	1060182.0	0.167978	Y
3	IC 410-683596/14	10.0	2.634951	50.0	1029260.0	0.263495	Y
4	IC 410-683596/15	20.0	5.446682	50.0	1058718.0	0.272334	Y
5	ICIS 410-683596/16	50.0	13.748	50.0	1071785.0	0.27496	Y
6	IC 410-683596/17	100.0	25.946898	50.0	1063341.0	0.259469	Y
7	IC 410-683596/18	300.0	80.110767	50.0	1117567.0	0.267036	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

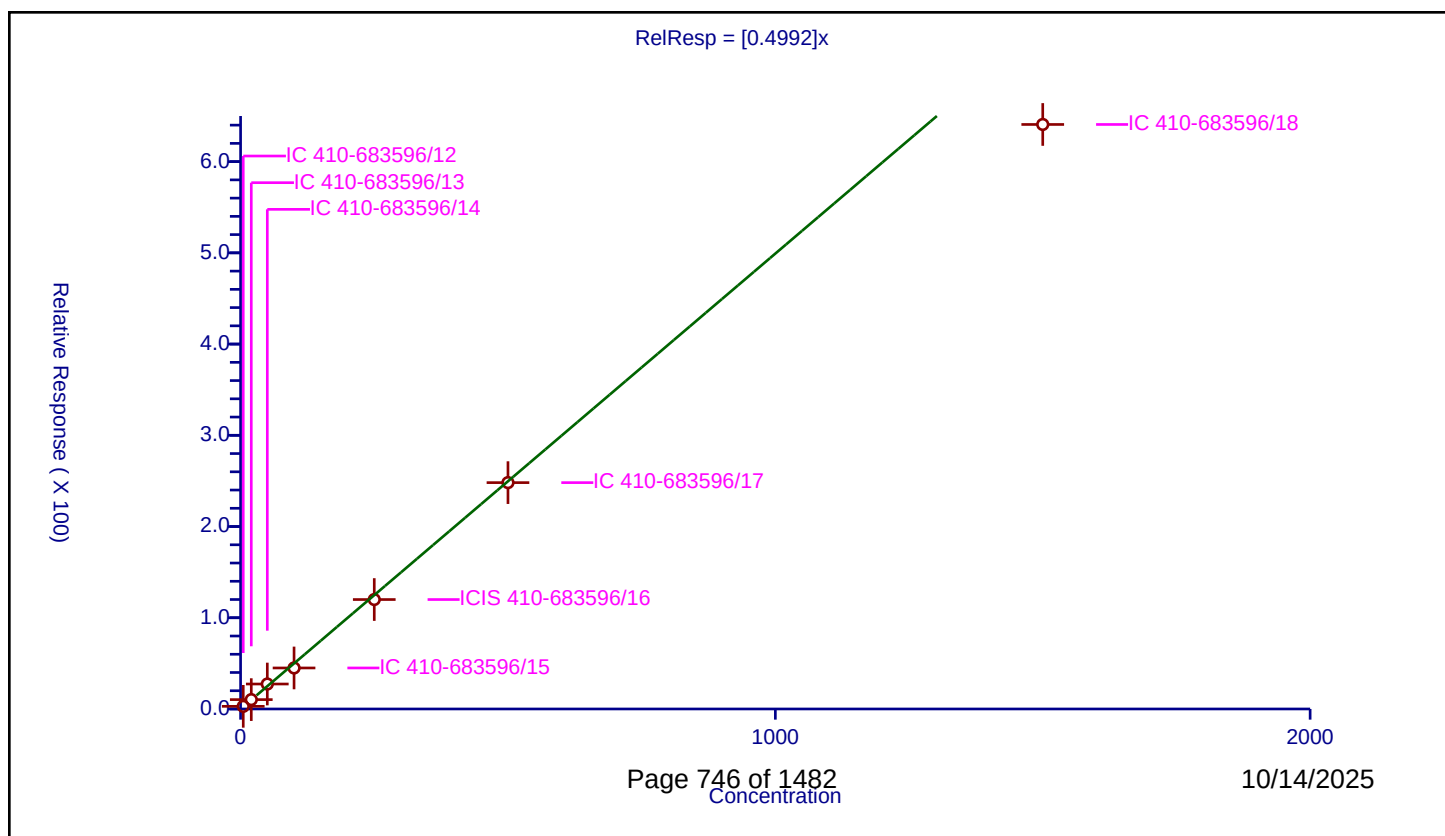
Curve Coefficients

Intercept: 0
Slope: 0.4992

Error Coefficients

Relative Standard Deviation: 10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	5.0	2.902013	250.0	363713.0	0.580403	Y
2	IC 410-683596/13	20.0	10.271401	250.0	392814.0	0.51357	Y
3	IC 410-683596/14	50.0	27.369267	250.0	353316.0	0.547385	Y
4	IC 410-683596/15	100.0	44.976799	250.0	387044.0	0.449768	Y
5	ICIS 410-683596/16	250.0	119.971118	250.0	357311.0	0.479884	Y
6	IC 410-683596/17	500.0	248.142399	250.0	371043.0	0.496285	Y
7	IC 410-683596/18	1500.0	640.742622	250.0	368101.0	0.427162	Y



Calibration

/ Iodomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

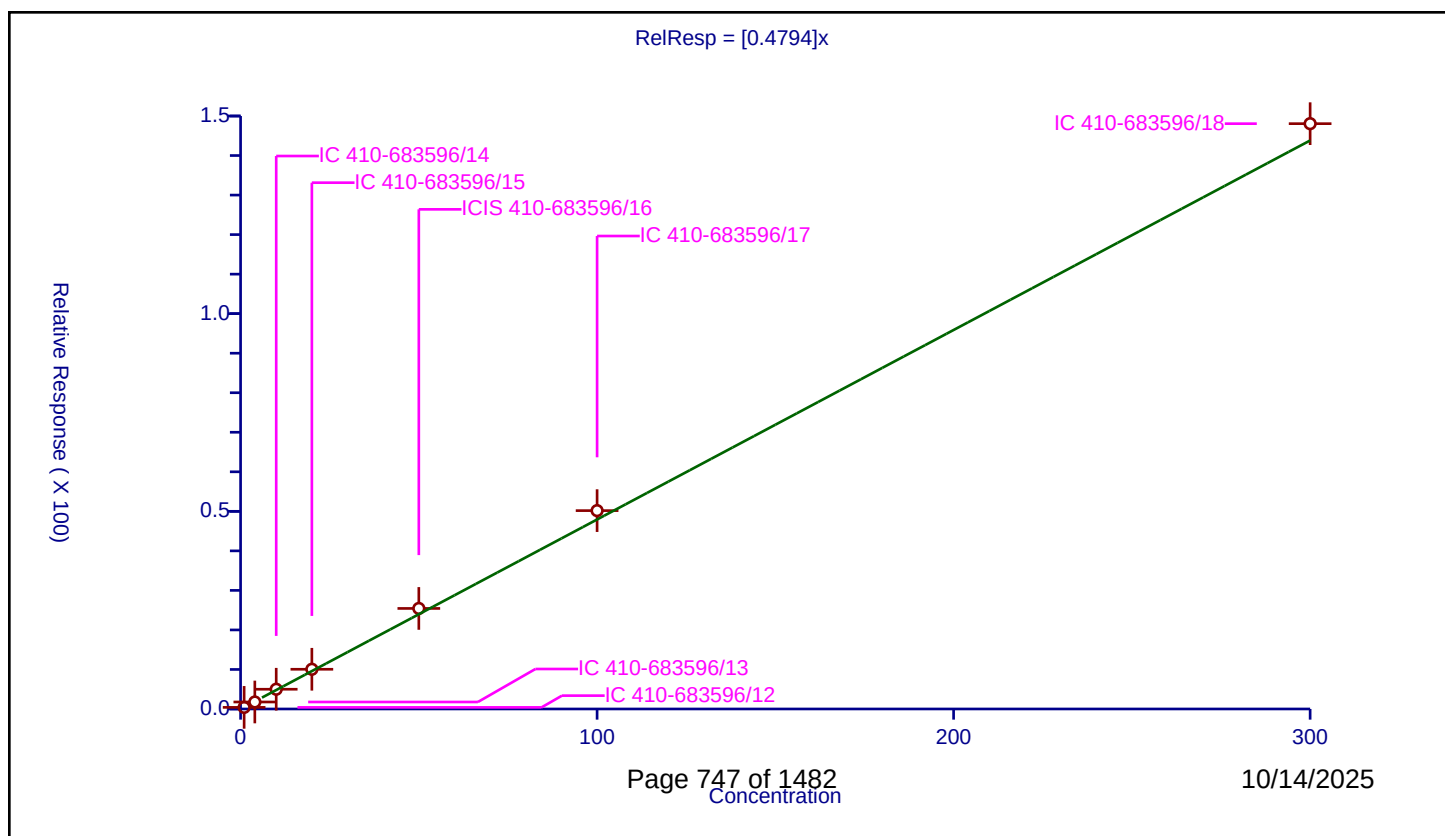
Curve Coefficients

Intercept: 0
Slope: 0.4794

Error Coefficients

Relative Standard Deviation: 8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.406446	50.0	1034825.0	0.406446	Y
2	IC 410-683596/13	4.0	1.772903	50.0	1060182.0	0.443226	Y
3	IC 410-683596/14	10.0	4.99315	50.0	1029260.0	0.499315	Y
4	IC 410-683596/15	20.0	10.050788	50.0	1058718.0	0.502539	Y
5	ICIS 410-683596/16	50.0	25.431267	50.0	1071785.0	0.508625	Y
6	IC 410-683596/17	100.0	50.17967	50.0	1063341.0	0.501797	Y
7	IC 410-683596/18	300.0	148.065306	50.0	1117567.0	0.493551	Y



Calibration

/ Carbon disulfide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

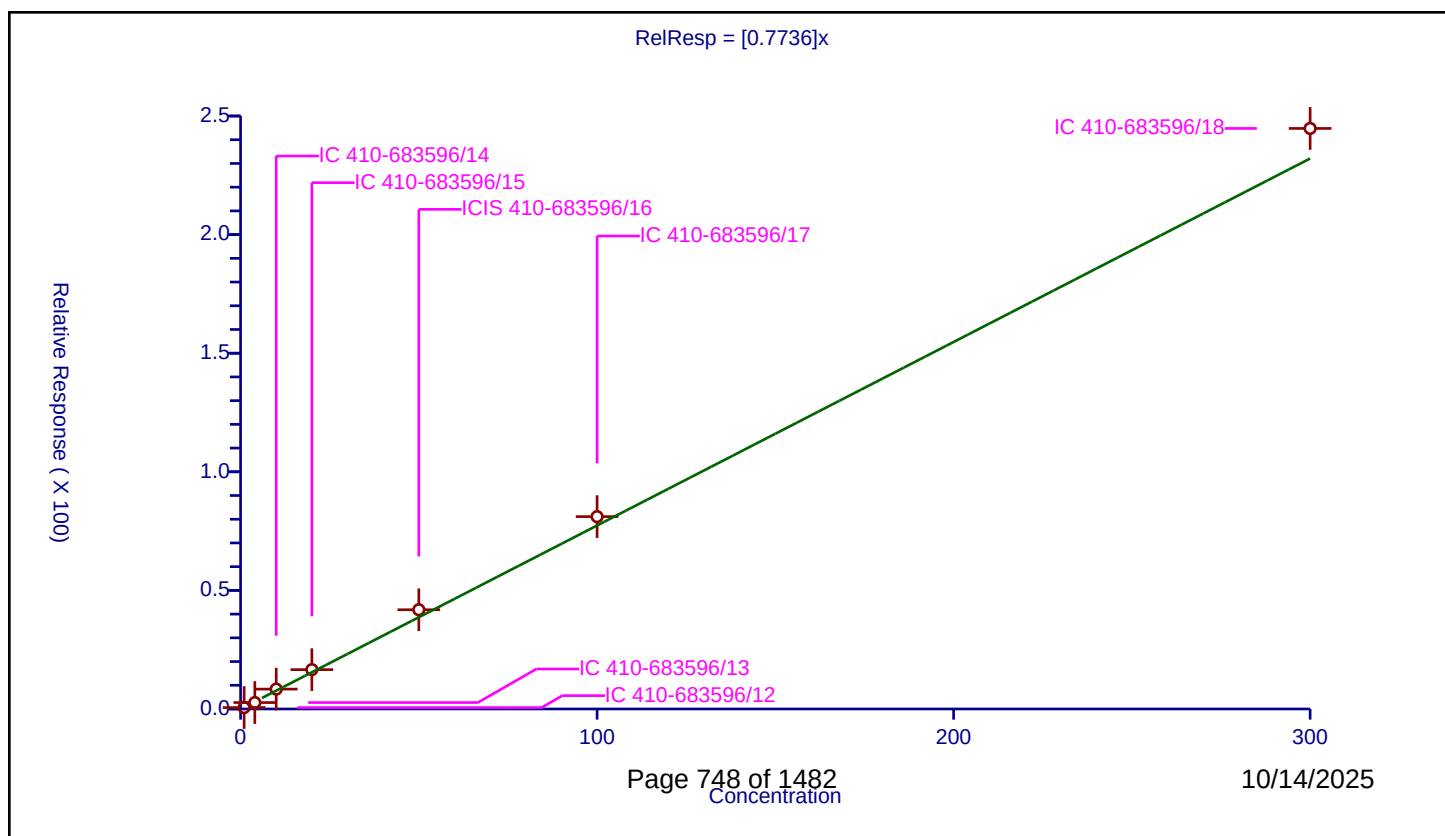
Curve Coefficients

Intercept: 0
Slope: 0.7736

Error Coefficients

Relative Standard Deviation: 12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.604595	50.0	1034825.0	0.604595	Y
2	IC 410-683596/13	4.0	2.719863	50.0	1060182.0	0.679966	Y
3	IC 410-683596/14	10.0	8.377086	50.0	1029260.0	0.837709	Y
4	IC 410-683596/15	20.0	16.587373	50.0	1058718.0	0.829369	Y
5	ICIS 410-683596/16	50.0	41.840201	50.0	1071785.0	0.836804	Y
6	IC 410-683596/17	100.0	81.096798	50.0	1063341.0	0.810968	Y
7	IC 410-683596/18	300.0	244.76018	50.0	1117567.0	0.815867	Y



Calibration

/ Methyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

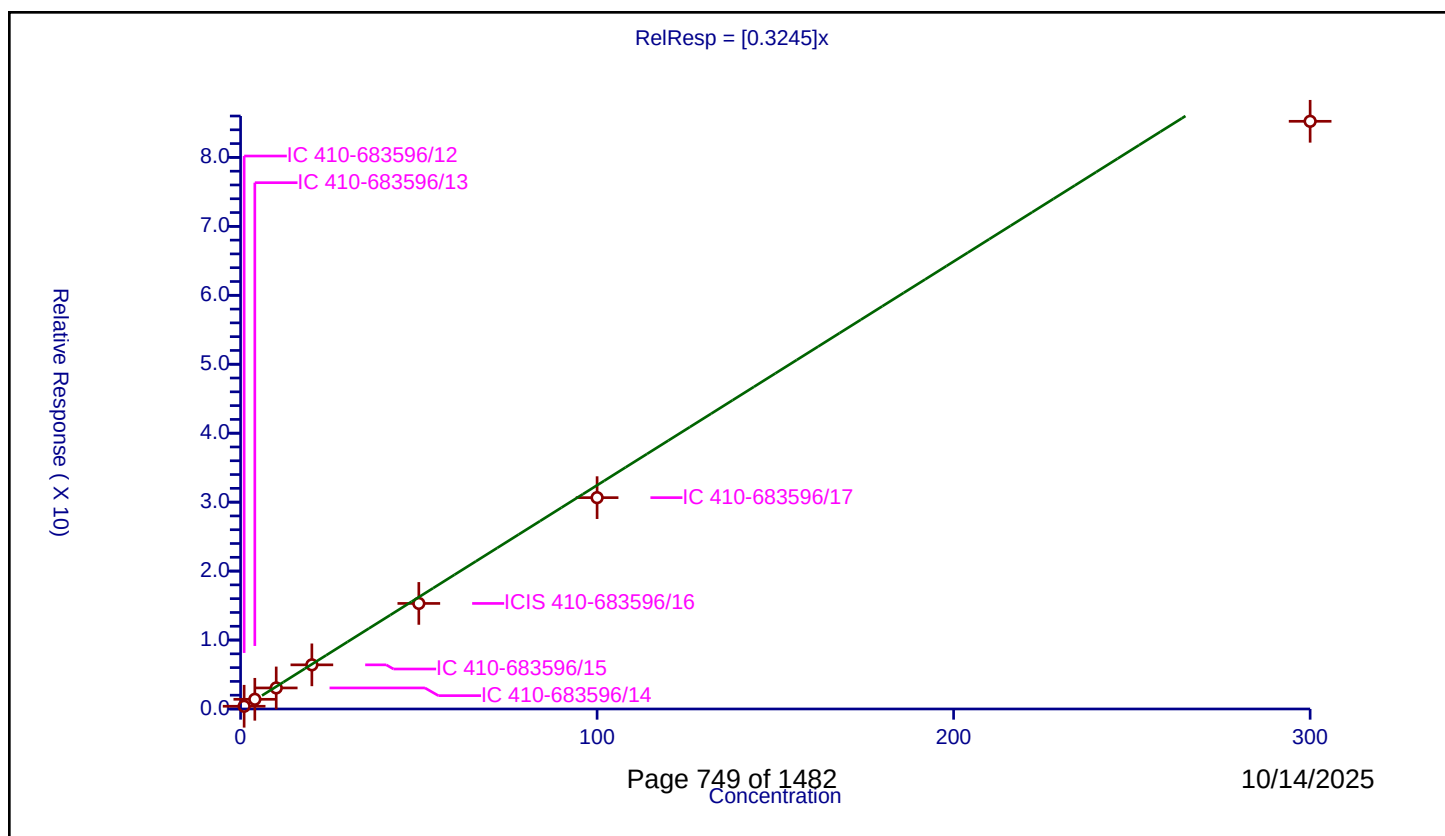
Curve Coefficients

Intercept: 0
Slope: 0.3245

Error Coefficients

Relative Standard Deviation: 11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.397893	50.0	1034825.0	0.397893	Y
2	IC 410-683596/13	4.0	1.405278	50.0	1060182.0	0.351319	Y
3	IC 410-683596/14	10.0	3.051756	50.0	1029260.0	0.305176	Y
4	IC 410-683596/15	20.0	6.404113	50.0	1058718.0	0.320206	Y
5	ICIS 410-683596/16	50.0	15.30932	50.0	1071785.0	0.306186	Y
6	IC 410-683596/17	100.0	30.651597	50.0	1063341.0	0.306516	Y
7	IC 410-683596/18	300.0	85.235024	50.0	1117567.0	0.284117	Y



Calibration

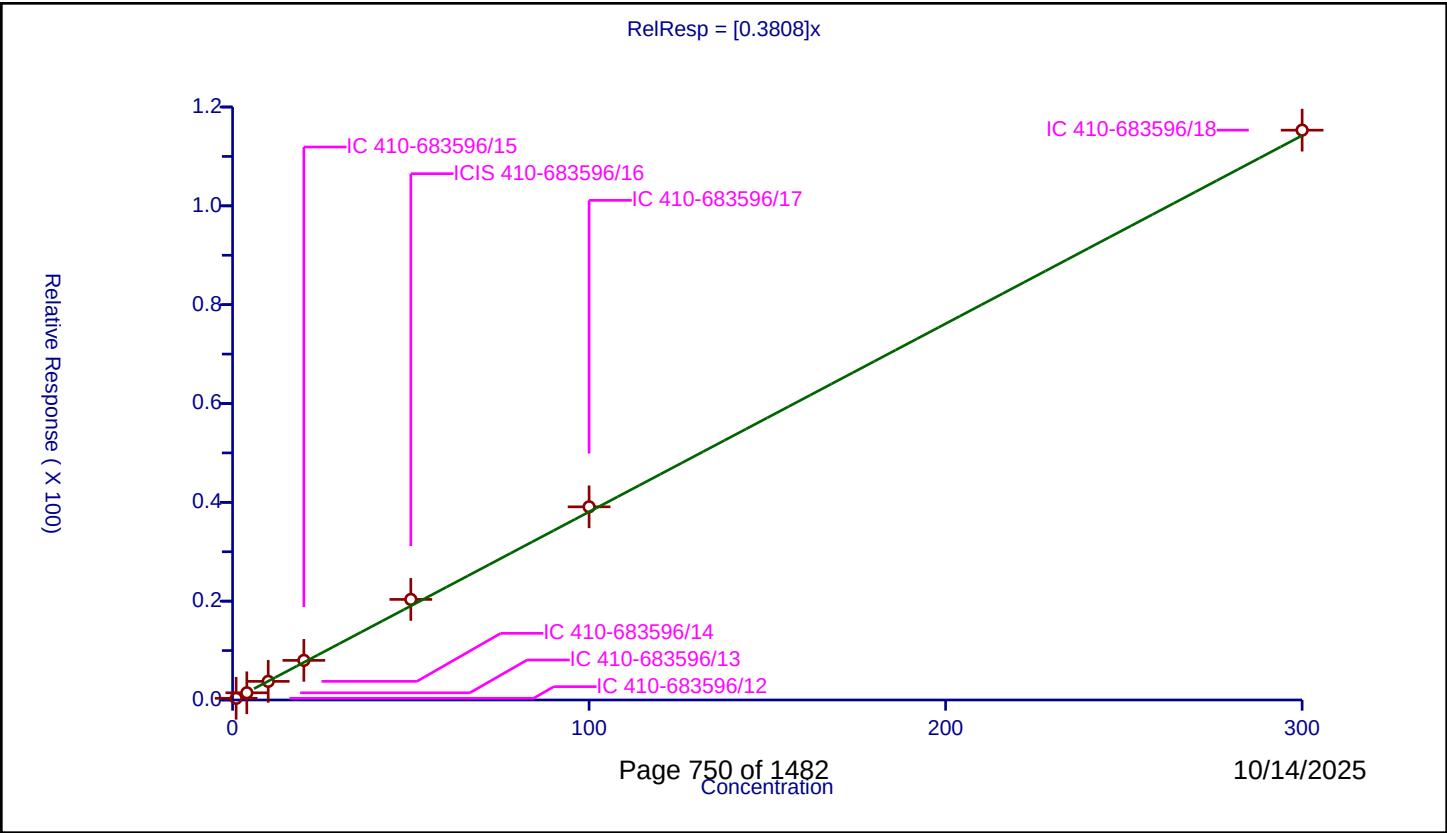
/ 3-Chloro-1-propene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3808
Error Coefficients	

Relative Standard Deviation: 5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.342087	50.0	1034825.0	0.342087	Y
2	IC 410-683596/13	4.0	1.453713	50.0	1060182.0	0.363428	Y
3	IC 410-683596/14	10.0	3.766784	50.0	1029260.0	0.376678	Y
4	IC 410-683596/15	20.0	8.014835	50.0	1058718.0	0.400742	Y
5	ICIS 410-683596/16	50.0	20.35161	50.0	1071785.0	0.407032	Y
6	IC 410-683596/17	100.0	39.090706	50.0	1063341.0	0.390907	Y
7	IC 410-683596/18	300.0	115.316934	50.0	1117567.0	0.38439	Y



Calibration

/ Methylene Chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

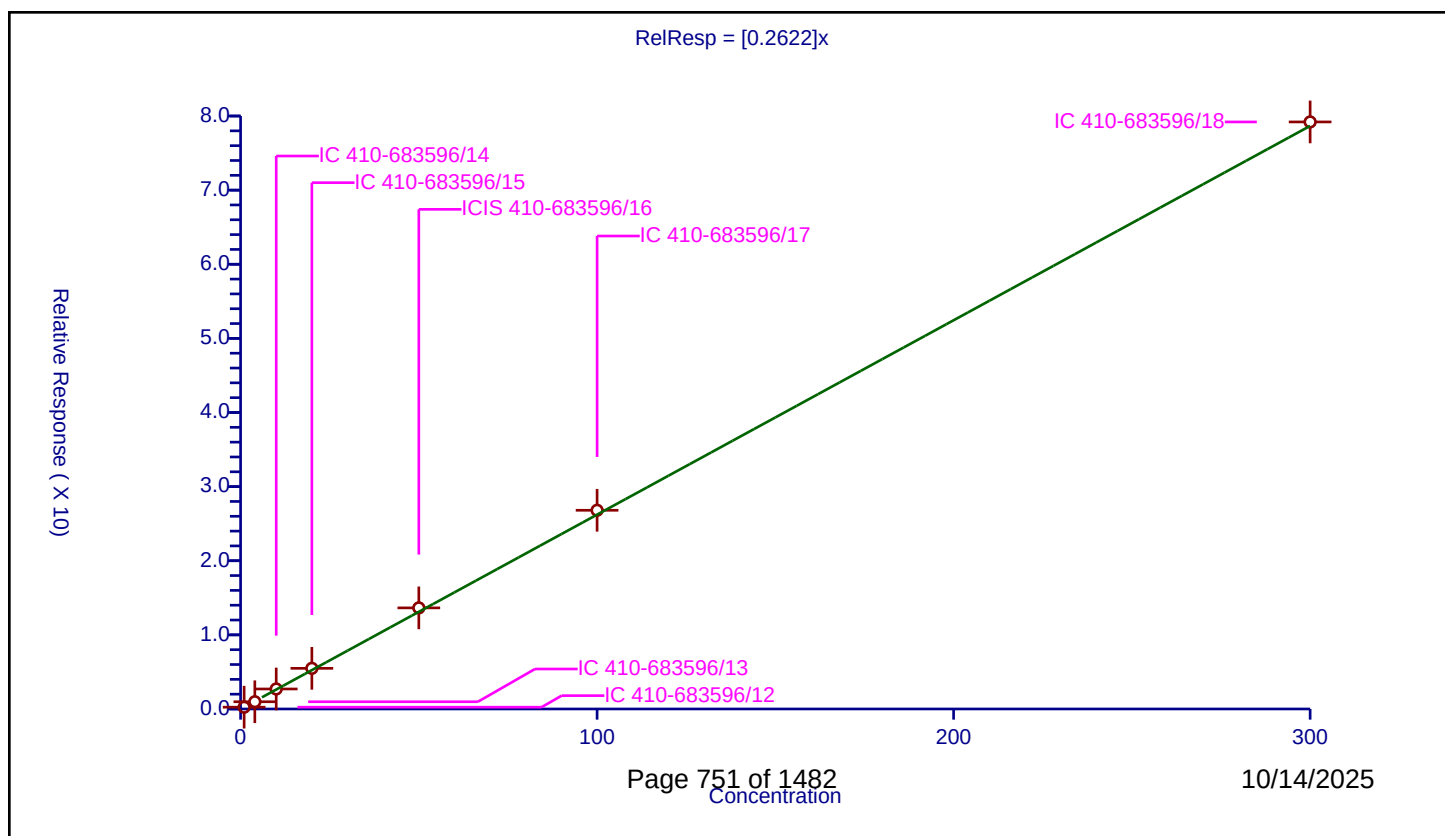
Curve Coefficients

Intercept: 0
Slope: 0.2622

Error Coefficients

Relative Standard Deviation: 5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.24207	50.0	1034825.0	0.24207	Y
2	IC 410-683596/13	4.0	0.976483	50.0	1060182.0	0.244121	Y
3	IC 410-683596/14	10.0	2.701504	50.0	1029260.0	0.27015	Y
4	IC 410-683596/15	20.0	5.485738	50.0	1058718.0	0.274287	Y
5	ICIS 410-683596/16	50.0	13.639163	50.0	1071785.0	0.272783	Y
6	IC 410-683596/17	100.0	26.808945	50.0	1063341.0	0.268089	Y
7	IC 410-683596/18	300.0	79.2008	50.0	1117567.0	0.264003	Y



Calibration

/ 2-Methyl-2-propanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

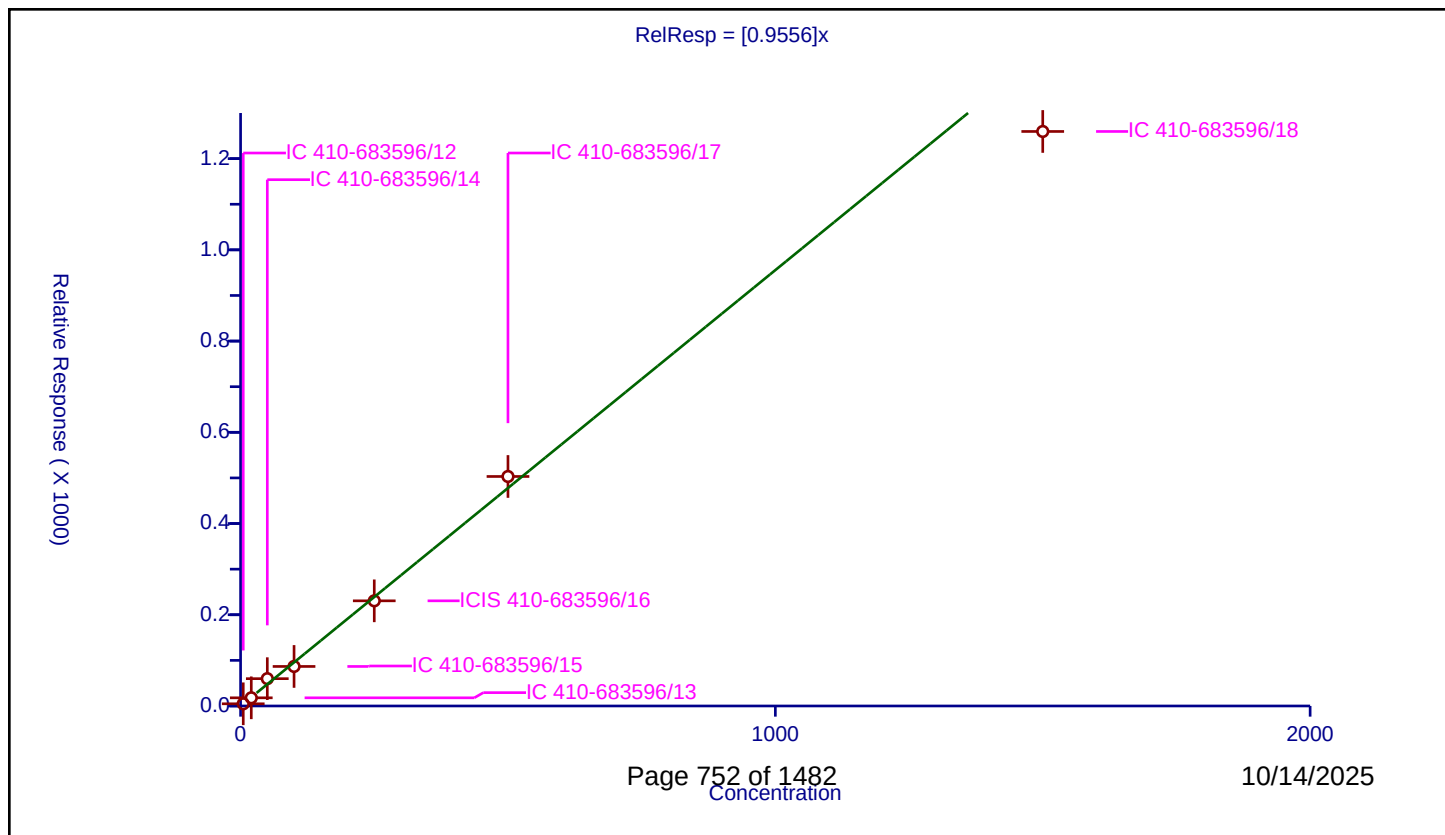
Curve Coefficients

Intercept: 0
Slope: 0.9556

Error Coefficients

Relative Standard Deviation: 12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	5.0	4.799114	250.0	363713.0	0.959823	Y
2	IC 410-683596/13	20.0	17.931515	250.0	392814.0	0.896576	Y
3	IC 410-683596/14	50.0	59.885485	250.0	353316.0	1.19771	Y
4	IC 410-683596/15	100.0	86.691048	250.0	387044.0	0.86691	Y
5	ICIS 410-683596/16	250.0	230.558253	250.0	357311.0	0.922233	Y
6	IC 410-683596/17	500.0	503.153947	250.0	371043.0	1.006308	Y
7	IC 410-683596/18	1500.0	1259.515731	250.0	368101.0	0.839677	Y



Calibration

/ Acrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

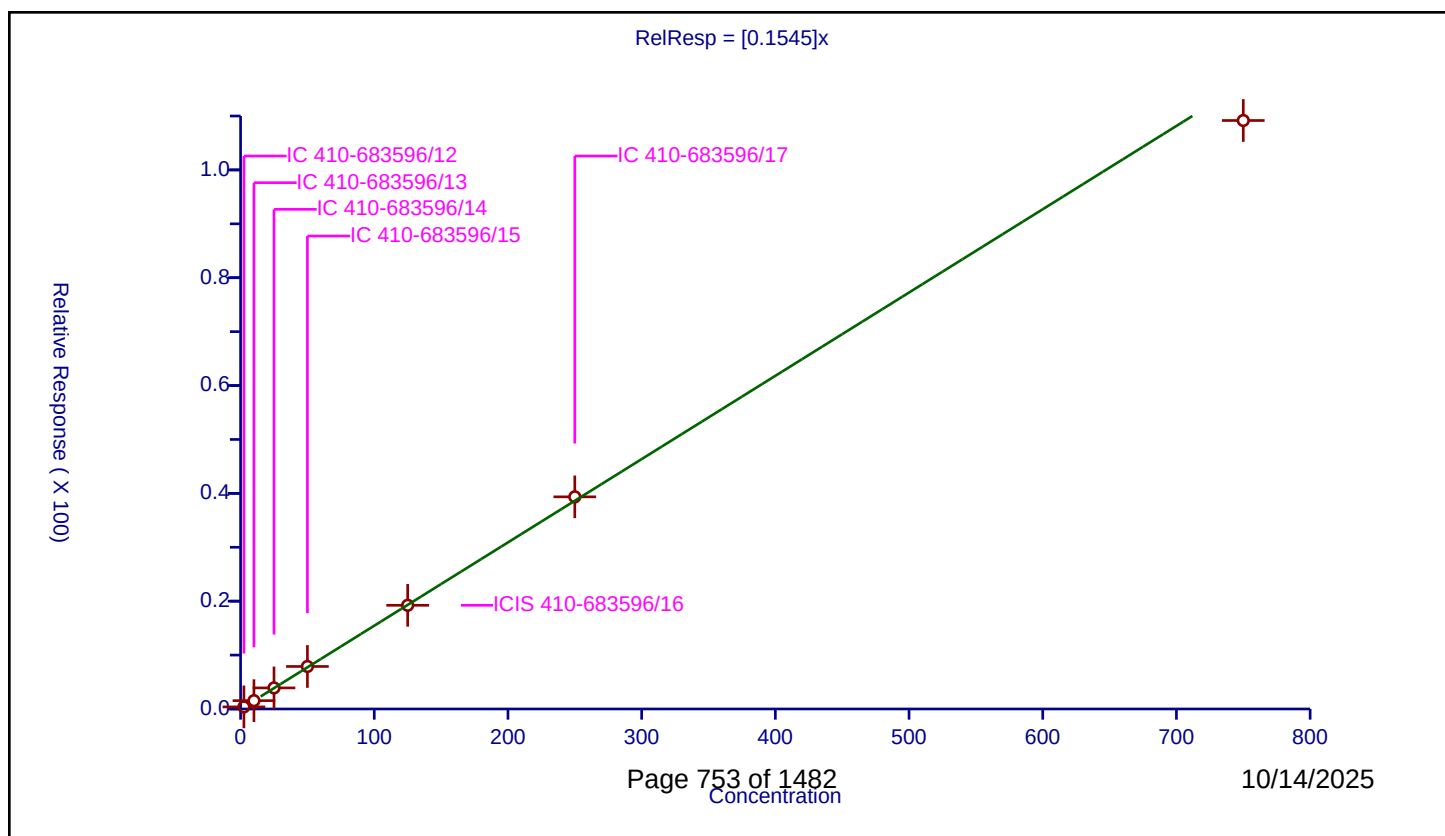
Curve Coefficients

Intercept: 0
 Slope: 0.1545

Error Coefficients

Relative Standard Deviation: 2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	2.5	0.38939	50.0	1034825.0	0.155756	Y
2	IC 410-683596/13	10.0	1.546763	50.0	1060182.0	0.154676	Y
3	IC 410-683596/14	25.0	3.912568	50.0	1029260.0	0.156503	Y
4	IC 410-683596/15	50.0	7.888408	50.0	1058718.0	0.157768	Y
5	ICIS 410-683596/16	125.0	19.235481	50.0	1071785.0	0.153884	Y
6	IC 410-683596/17	250.0	39.35586	50.0	1063341.0	0.157423	Y
7	IC 410-683596/18	750.0	109.168086	50.0	1117567.0	0.145557	Y



Calibration

/ Methyl tert-butyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

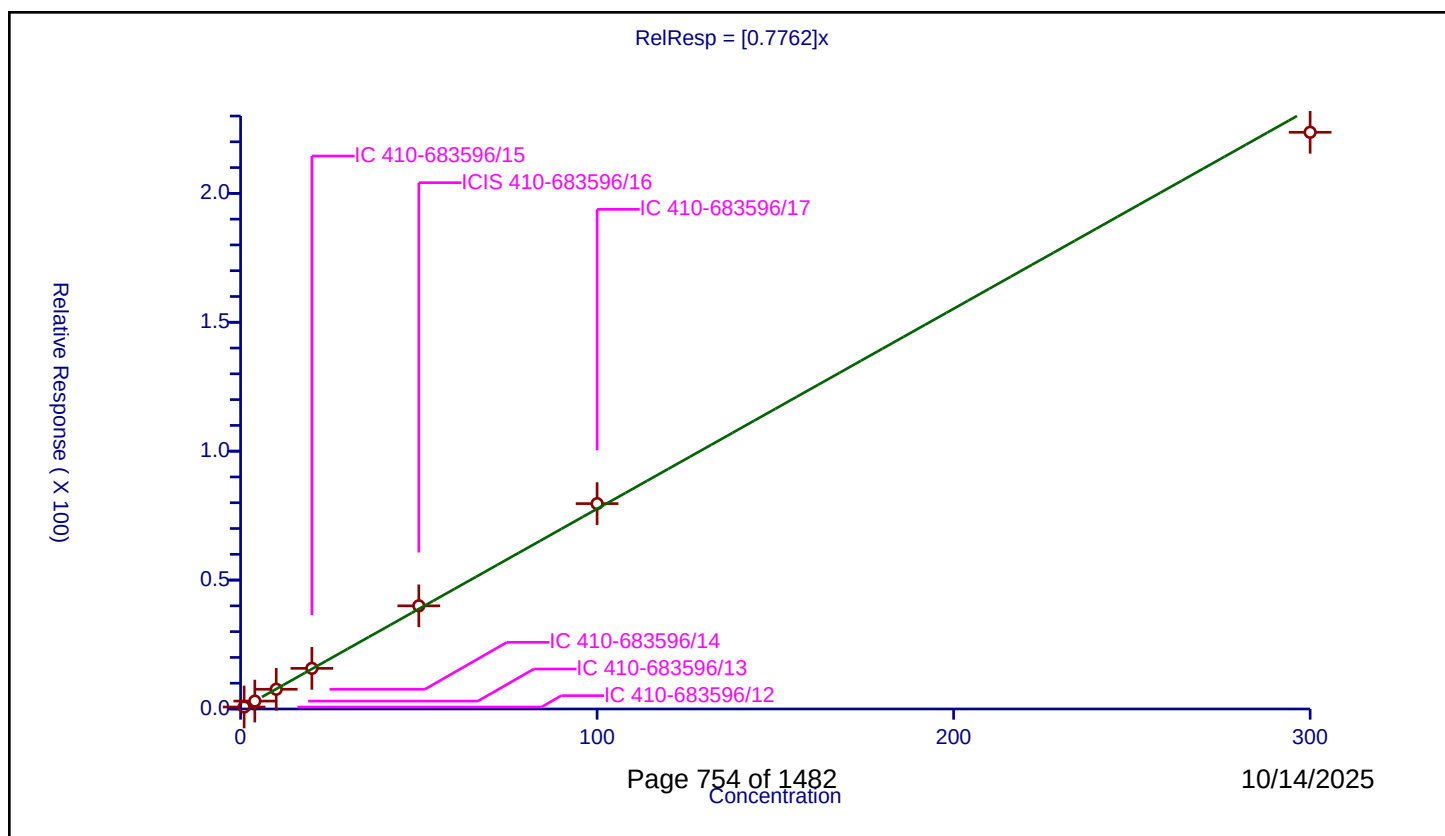
Curve Coefficients

Intercept: 0
Slope: 0.7762

Error Coefficients

Relative Standard Deviation: 2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.771531	50.0	1034825.0	0.771531	Y
2	IC 410-683596/13	4.0	3.069143	50.0	1060182.0	0.767286	Y
3	IC 410-683596/14	10.0	7.64593	50.0	1029260.0	0.764593	Y
4	IC 410-683596/15	20.0	15.753014	50.0	1058718.0	0.787651	Y
5	ICIS 410-683596/16	50.0	40.014928	50.0	1071785.0	0.800299	Y
6	IC 410-683596/17	100.0	79.654222	50.0	1063341.0	0.796542	Y
7	IC 410-683596/18	300.0	223.692316	50.0	1117567.0	0.745641	Y



Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

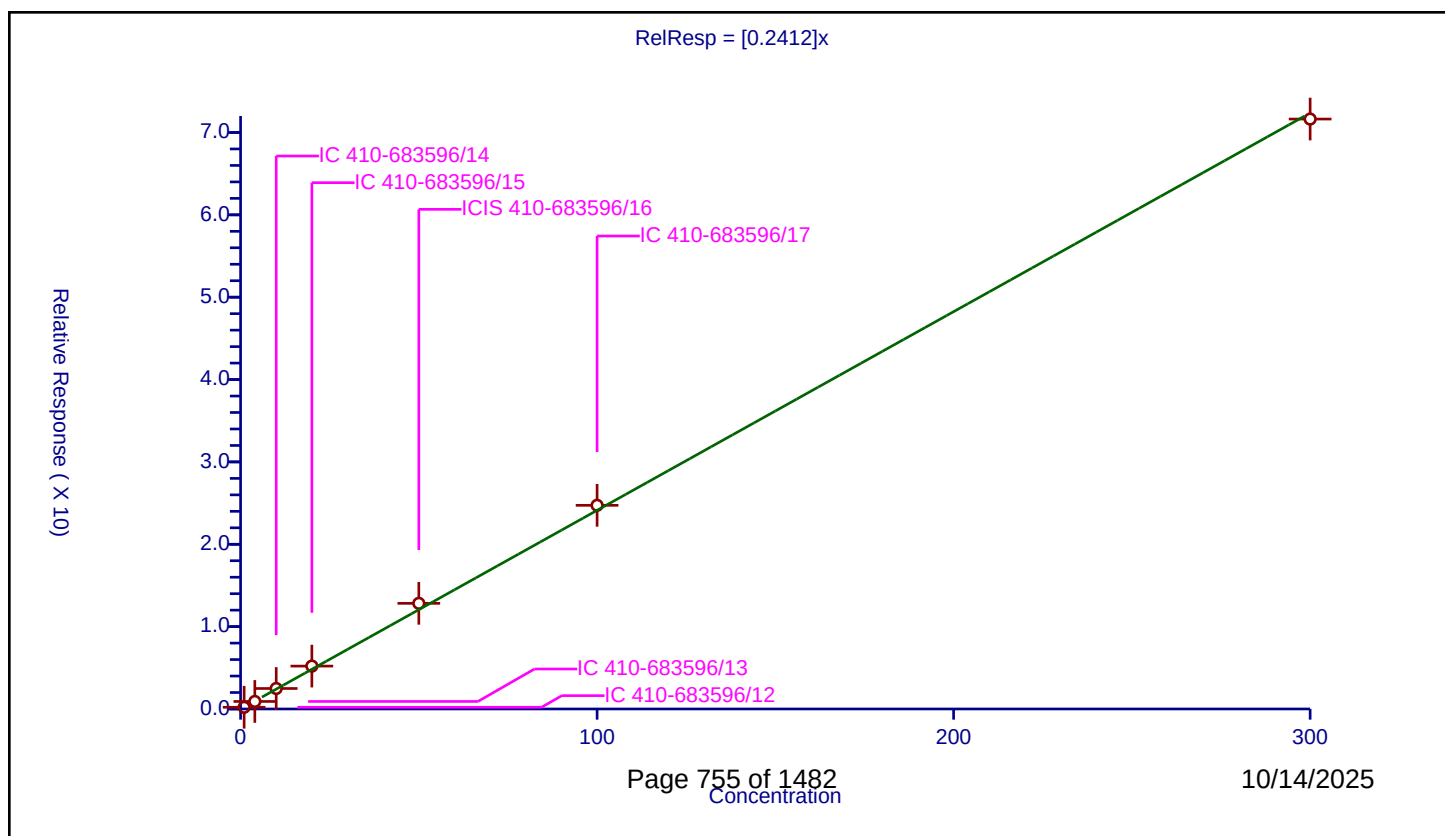
Curve Coefficients

Intercept: 0
Slope: 0.2412

Error Coefficients

Relative Standard Deviation: 7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.207571	50.0	1034825.0	0.207571	Y
2	IC 410-683596/13	4.0	0.915598	50.0	1060182.0	0.228899	Y
3	IC 410-683596/14	10.0	2.489167	50.0	1029260.0	0.248917	Y
4	IC 410-683596/15	20.0	5.209461	50.0	1058718.0	0.260473	Y
5	ICIS 410-683596/16	50.0	12.827479	50.0	1071785.0	0.25655	Y
6	IC 410-683596/17	100.0	24.728004	50.0	1063341.0	0.24728	Y
7	IC 410-683596/18	300.0	71.632215	50.0	1117567.0	0.238774	Y



Calibration

/ Hexane

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

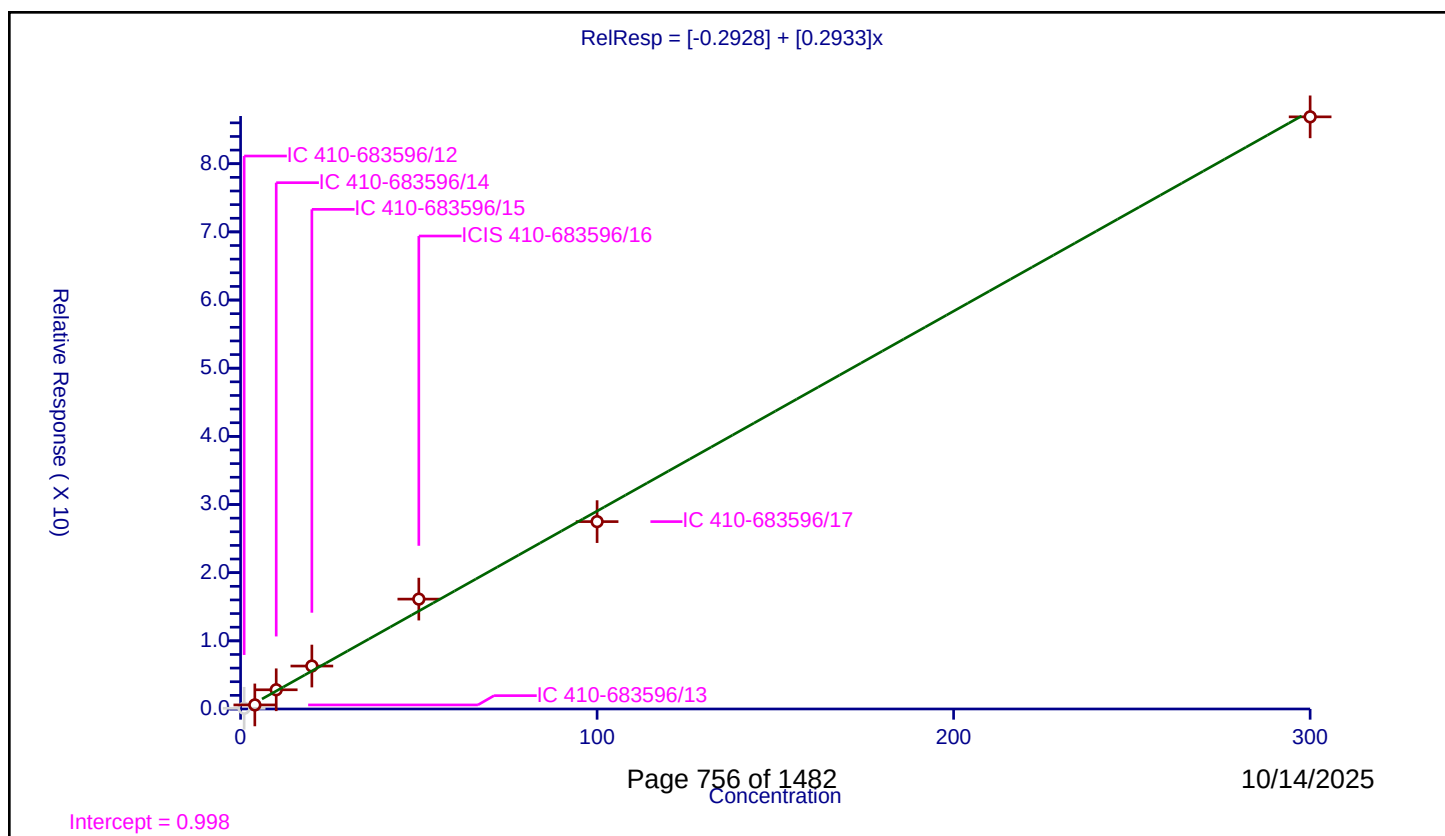
Curve Coefficients

Intercept: -0.2928
Slope: 0.2933

Error Coefficients

Relative Standard Deviation: 15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.102095	50.0	1034825.0	0.102095	N
2	IC 410-683596/13	4.0	0.596831	50.0	1060182.0	0.149208	Y
3	IC 410-683596/14	10.0	2.818773	50.0	1029260.0	0.281877	Y
4	IC 410-683596/15	20.0	6.299364	50.0	1058718.0	0.314968	Y
5	ICIS 410-683596/16	50.0	16.121517	50.0	1071785.0	0.32243	Y
6	IC 410-683596/17	100.0	27.490664	50.0	1063341.0	0.274907	Y
7	IC 410-683596/18	300.0	86.877163	50.0	1117567.0	0.289591	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

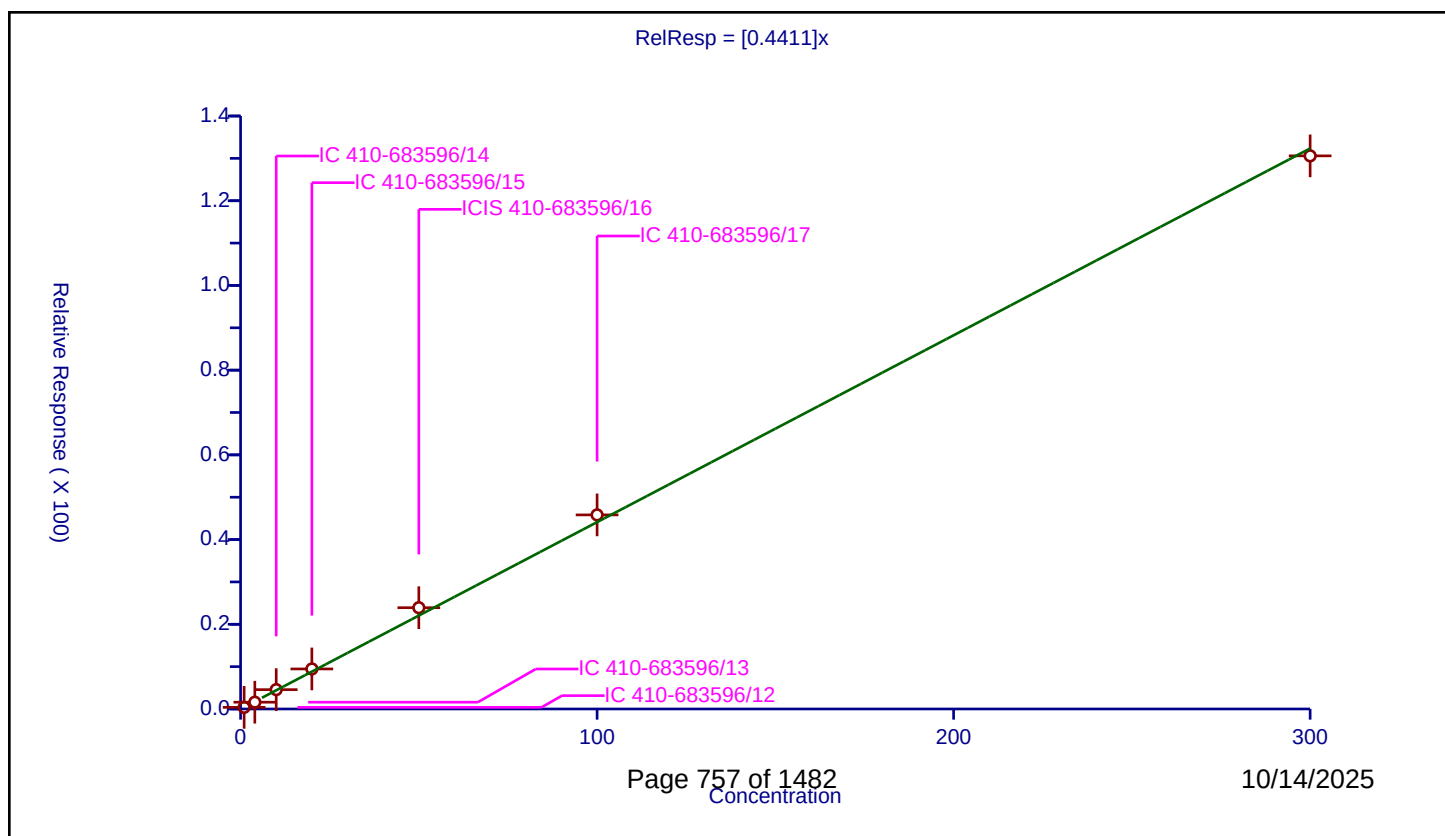
Curve Coefficients

Intercept: 0
Slope: 0.4411

Error Coefficients

Relative Standard Deviation: 8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.385572	50.0	1034825.0	0.385572	Y
2	IC 410-683596/13	4.0	1.603262	50.0	1060182.0	0.400816	Y
3	IC 410-683596/14	10.0	4.570322	50.0	1029260.0	0.457032	Y
4	IC 410-683596/15	20.0	9.454973	50.0	1058718.0	0.472749	Y
5	ICIS 410-683596/16	50.0	23.913331	50.0	1071785.0	0.478267	Y
6	IC 410-683596/17	100.0	45.825657	50.0	1063341.0	0.458257	Y
7	IC 410-683596/18	300.0	130.591991	50.0	1117567.0	0.435307	Y



Calibration

/ Isopropyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

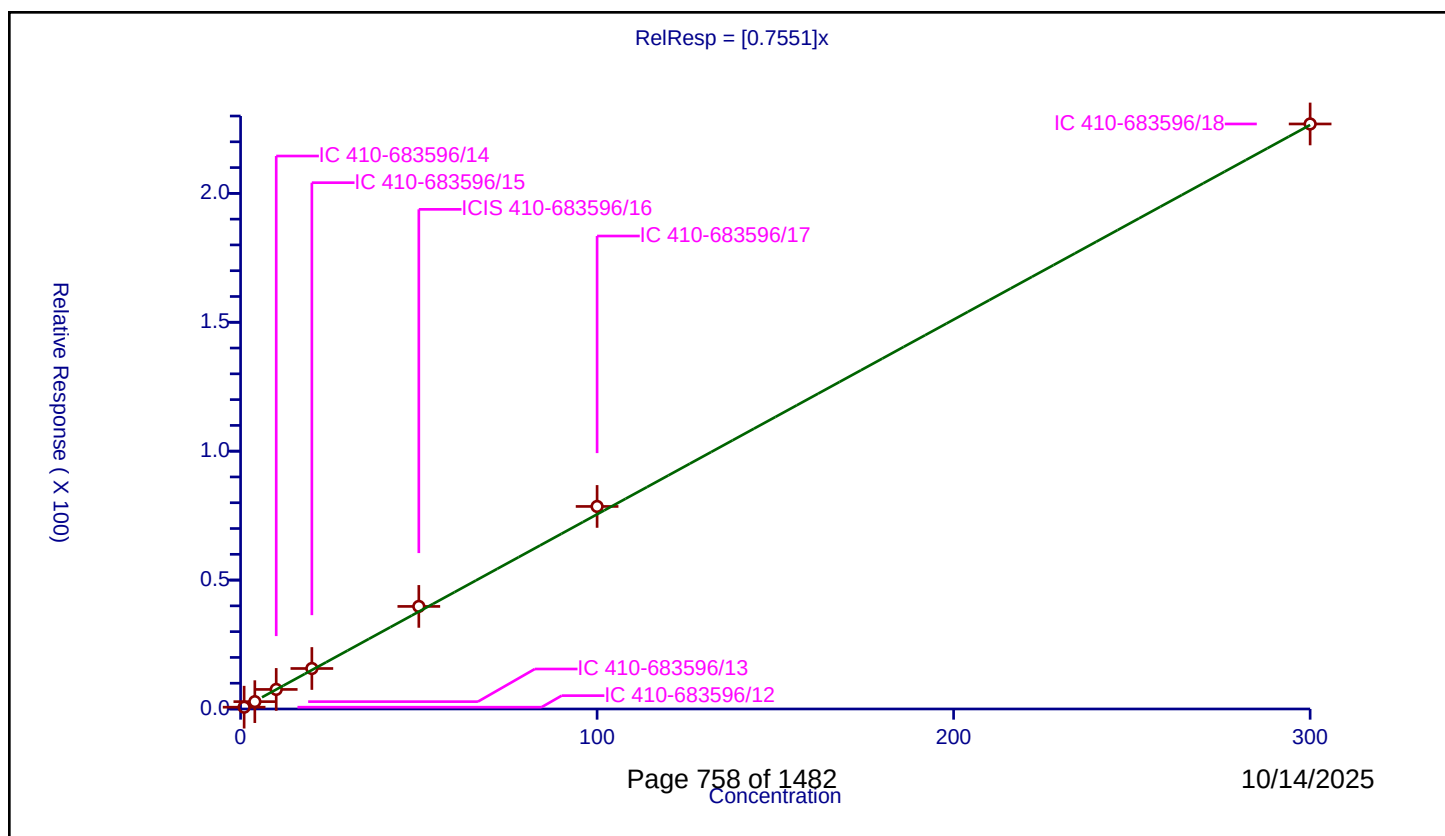
Curve Coefficients

Intercept: 0
 Slope: 0.7551

Error Coefficients

Relative Standard Deviation: 5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.693064	50.0	1034825.0	0.693064	Y
2	IC 410-683596/13	4.0	2.846068	50.0	1060182.0	0.711517	Y
3	IC 410-683596/14	10.0	7.584867	50.0	1029260.0	0.758487	Y
4	IC 410-683596/15	20.0	15.701584	50.0	1058718.0	0.785079	Y
5	ICIS 410-683596/16	50.0	39.786011	50.0	1071785.0	0.79572	Y
6	IC 410-683596/17	100.0	78.560499	50.0	1063341.0	0.785605	Y
7	IC 410-683596/18	300.0	226.912794	50.0	1117567.0	0.756376	Y



Calibration

/ 2-Chloro-1,3-butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

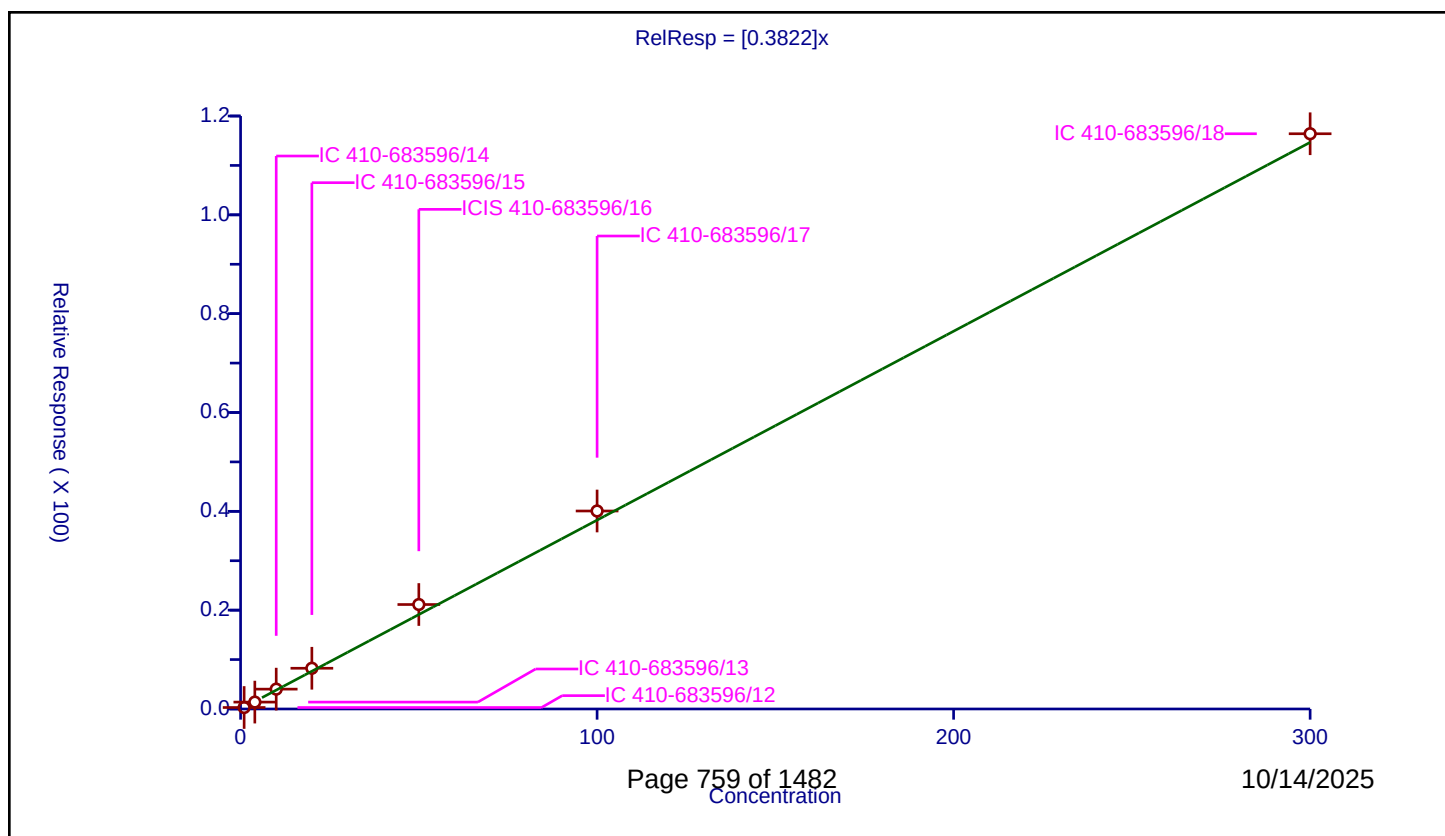
Curve Coefficients

Intercept: 0
Slope: 0.3822

Error Coefficients

Relative Standard Deviation: 11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.301162	50.0	1034825.0	0.301162	Y
2	IC 410-683596/13	4.0	1.396458	50.0	1060182.0	0.349115	Y
3	IC 410-683596/14	10.0	4.015846	50.0	1029260.0	0.401585	Y
4	IC 410-683596/15	20.0	8.24483	50.0	1058718.0	0.412242	Y
5	ICIS 410-683596/16	50.0	21.140854	50.0	1071785.0	0.422817	Y
6	IC 410-683596/17	100.0	40.06725	50.0	1063341.0	0.400673	Y
7	IC 410-683596/18	300.0	116.411947	50.0	1117567.0	0.38804	Y



Calibration

/ Tert-butyl ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

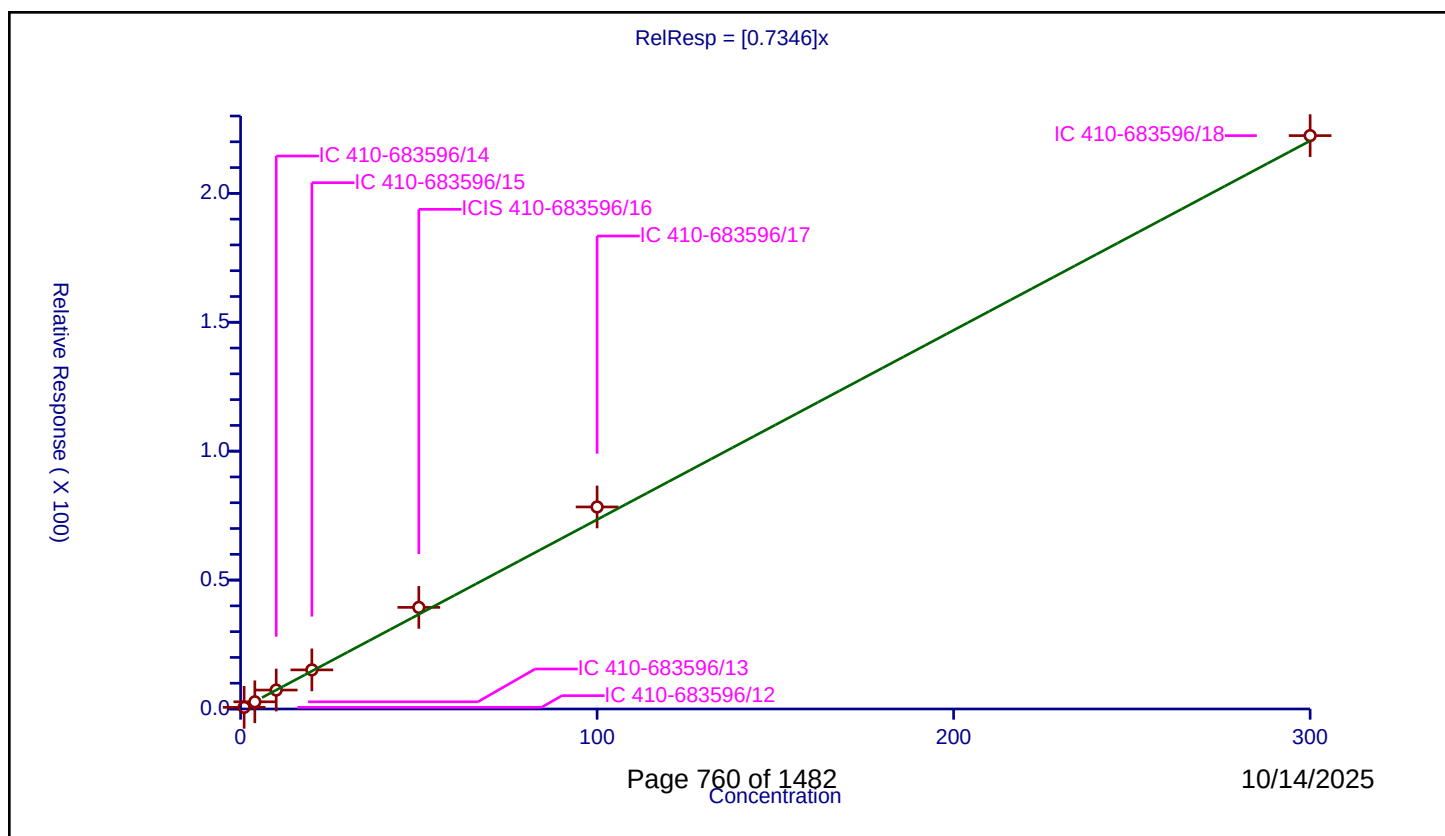
Curve Coefficients

Intercept: 0
Slope: 0.7346

Error Coefficients

Relative Standard Deviation: 7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.640157	50.0	1034825.0	0.640157	Y
2	IC 410-683596/13	4.0	2.782447	50.0	1060182.0	0.695612	Y
3	IC 410-683596/14	10.0	7.347706	50.0	1029260.0	0.734771	Y
4	IC 410-683596/15	20.0	15.16367	50.0	1058718.0	0.758183	Y
5	ICIS 410-683596/16	50.0	39.415368	50.0	1071785.0	0.788307	Y
6	IC 410-683596/17	100.0	78.363808	50.0	1063341.0	0.783638	Y
7	IC 410-683596/18	300.0	222.402326	50.0	1117567.0	0.741341	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

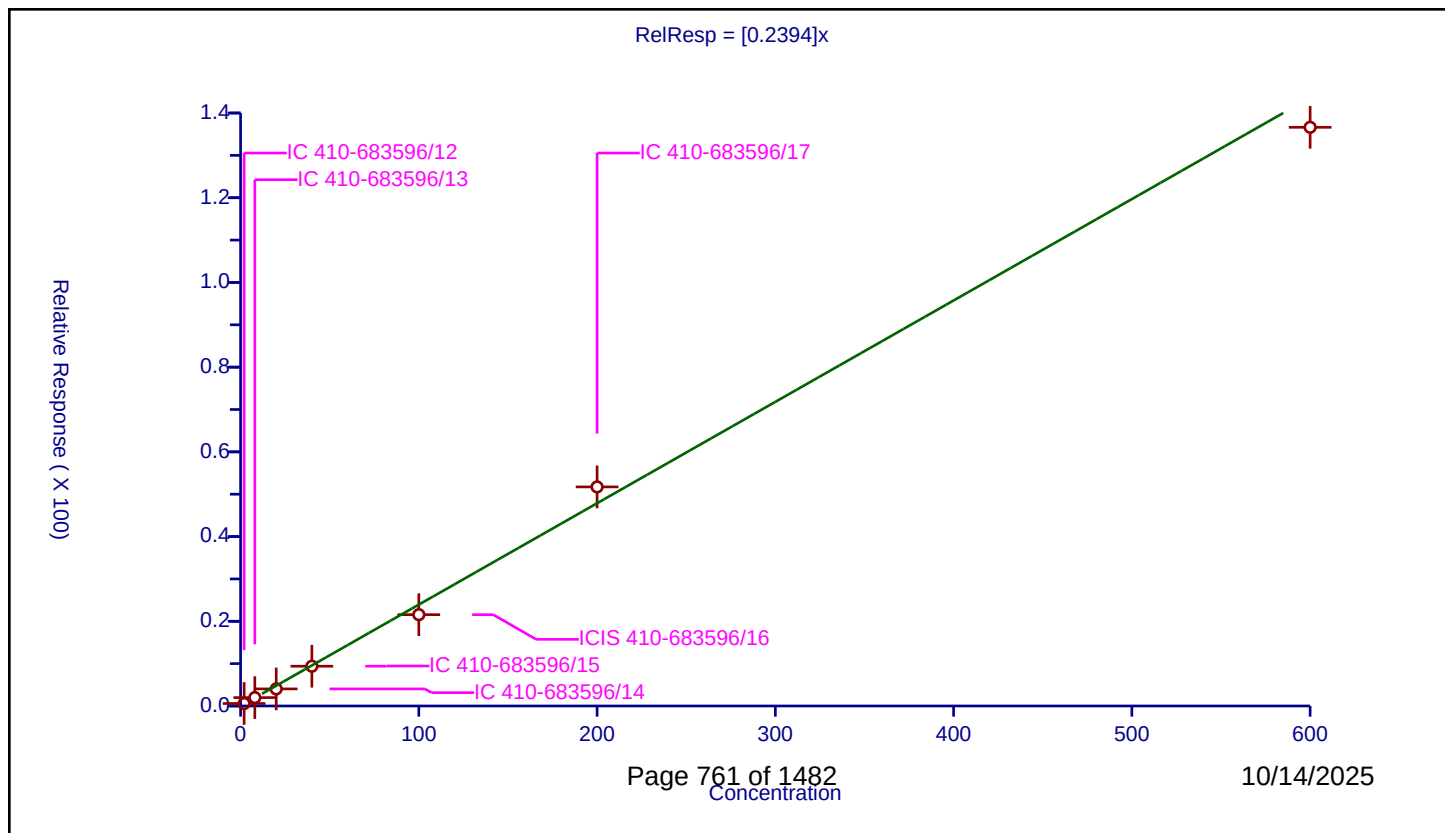
Curve Coefficients

Intercept: 0
Slope: 0.2394

Error Coefficients

Relative Standard Deviation: 12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	2.0	0.579373	50.0	1034825.0	0.289687	Y
2	IC 410-683596/13	8.0	1.980698	50.0	1060182.0	0.247587	Y
3	IC 410-683596/14	20.0	4.030954	50.0	1029260.0	0.201548	Y
4	IC 410-683596/15	40.0	9.387722	50.0	1058718.0	0.234693	Y
5	ICIS 410-683596/16	100.0	21.561227	50.0	1071785.0	0.215612	Y
6	IC 410-683596/17	200.0	51.724235	50.0	1063341.0	0.258621	Y
7	IC 410-683596/18	600.0	136.622592	50.0	1117567.0	0.227704	Y



Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

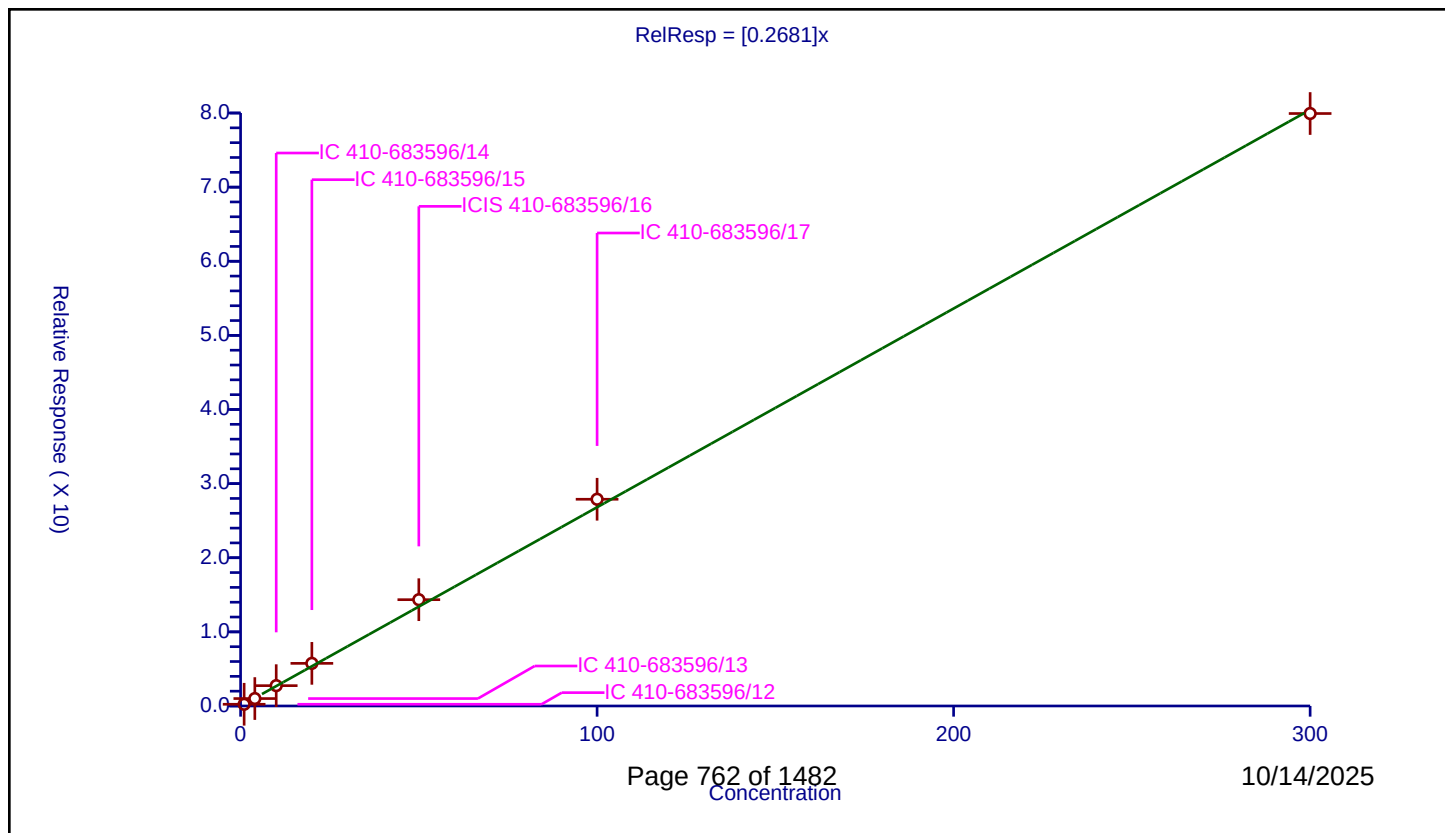
Curve Coefficients

Intercept: 0
Slope: 0.2681

Error Coefficients

Relative Standard Deviation: 7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.231827	50.0	1034825.0	0.231827	Y
2	IC 410-683596/13	4.0	1.003318	50.0	1060182.0	0.25083	Y
3	IC 410-683596/14	10.0	2.742893	50.0	1029260.0	0.274289	Y
4	IC 410-683596/15	20.0	5.751012	50.0	1058718.0	0.287551	Y
5	ICIS 410-683596/16	50.0	14.343922	50.0	1071785.0	0.286878	Y
6	IC 410-683596/17	100.0	27.89063	50.0	1063341.0	0.278906	Y
7	IC 410-683596/18	300.0	79.93297	50.0	1117567.0	0.266443	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

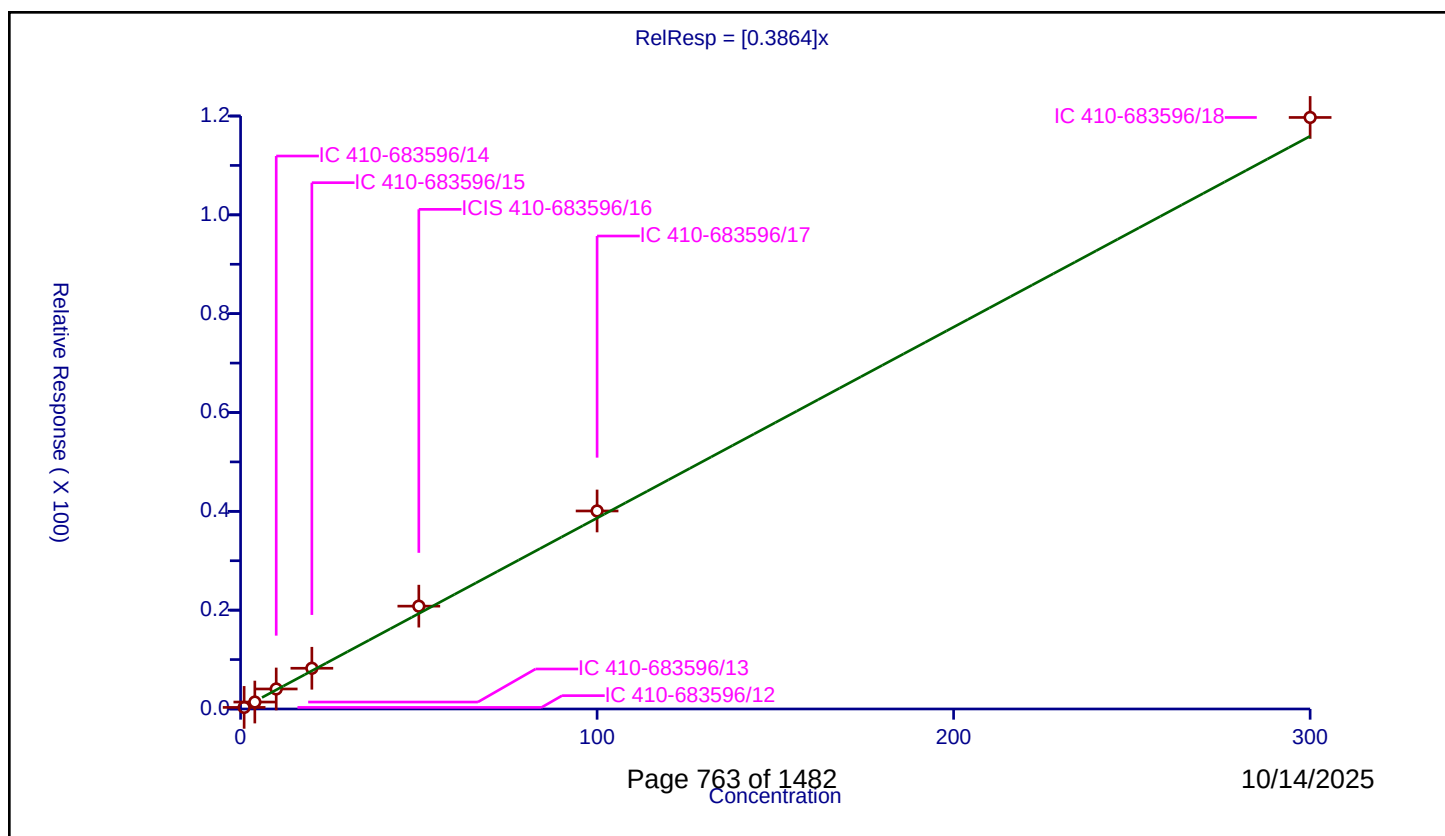
Curve Coefficients

Intercept: 0
Slope: 0.3864

Error Coefficients

Relative Standard Deviation: 9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.320344	50.0	1034825.0	0.320344	Y
2	IC 410-683596/13	4.0	1.405136	50.0	1060182.0	0.351284	Y
3	IC 410-683596/14	10.0	4.051503	50.0	1029260.0	0.40515	Y
4	IC 410-683596/15	20.0	8.240863	50.0	1058718.0	0.412043	Y
5	ICIS 410-683596/16	50.0	20.811777	50.0	1071785.0	0.416236	Y
6	IC 410-683596/17	100.0	40.074586	50.0	1063341.0	0.400746	Y
7	IC 410-683596/18	300.0	119.709825	50.0	1117567.0	0.399033	Y



Calibration

/ Propionitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

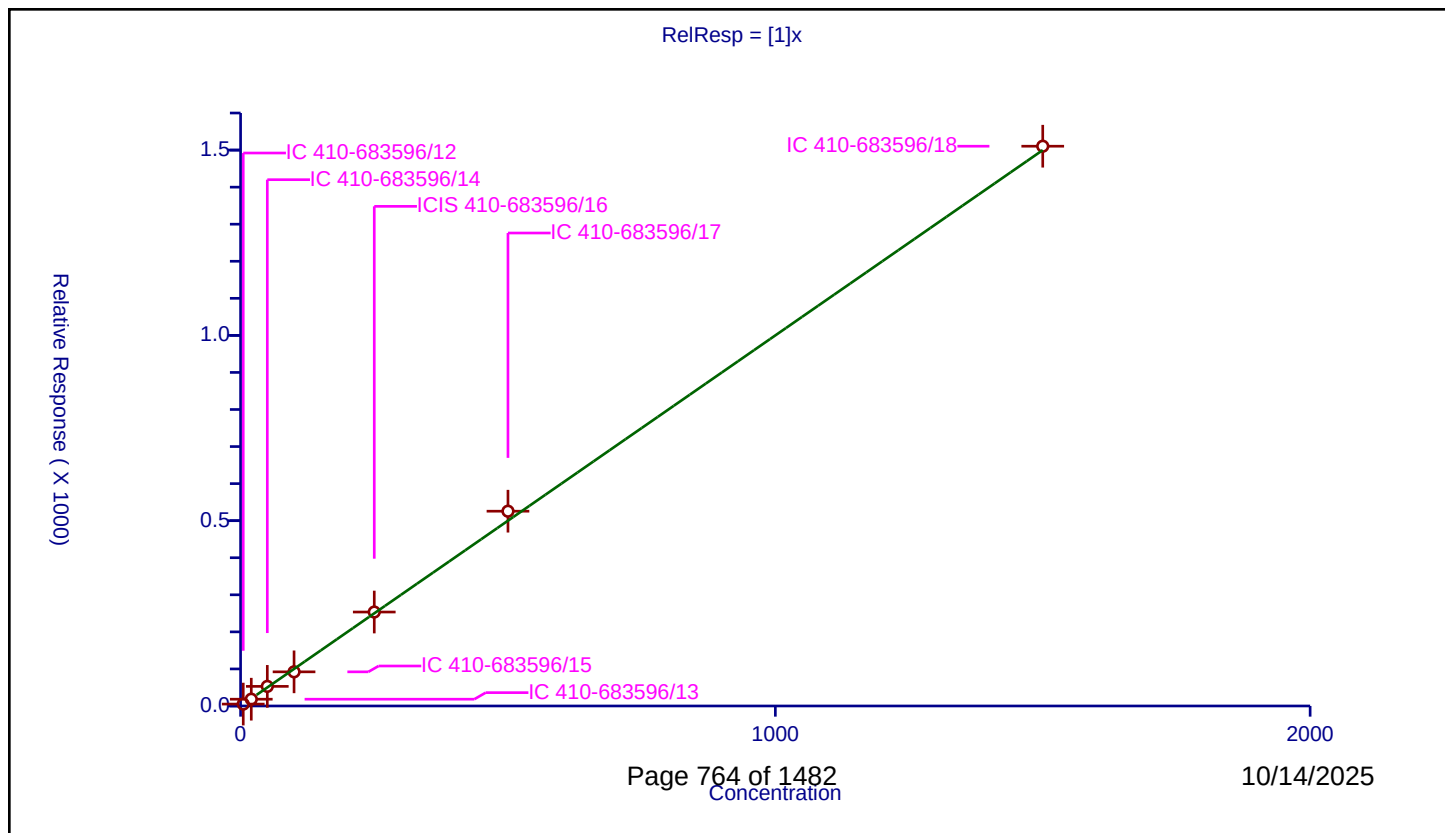
Curve Coefficients

Intercept: 0
Slope: 1

Error Coefficients

Relative Standard Deviation: 5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	5.0	5.156538	250.0	363713.0	1.031308	Y
2	IC 410-683596/13	20.0	18.325467	250.0	392814.0	0.916273	Y
3	IC 410-683596/14	50.0	52.915096	250.0	353316.0	1.058302	Y
4	IC 410-683596/15	100.0	92.170399	250.0	387044.0	0.921704	Y
5	ICIS 410-683596/16	250.0	253.510247	250.0	357311.0	1.014041	Y
6	IC 410-683596/17	500.0	525.572508	250.0	371043.0	1.051145	Y
7	IC 410-683596/18	1500.0	1510.398641	250.0	368101.0	1.006932	Y



Calibration

/ Methyl acrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

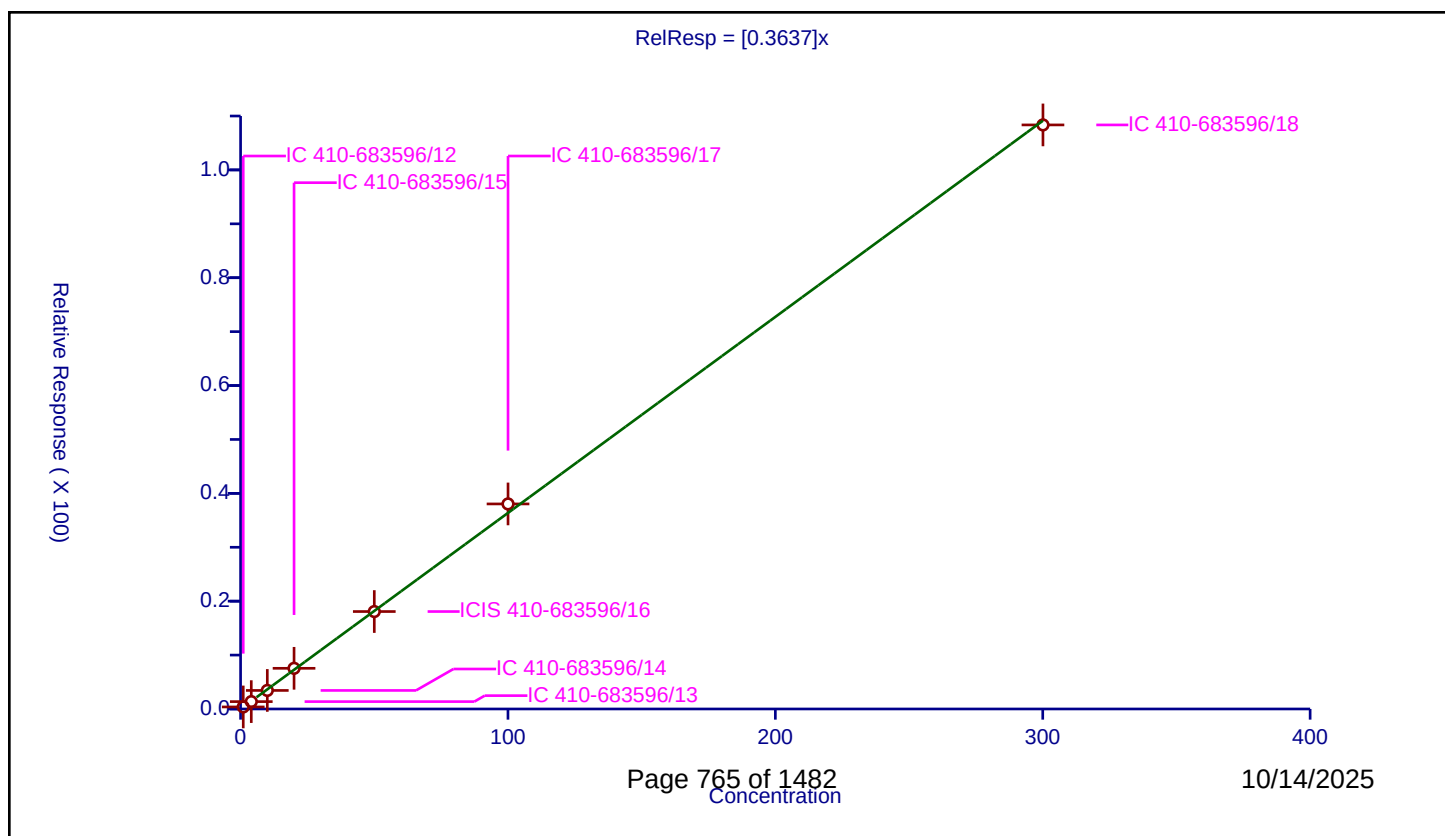
Curve Coefficients

Intercept: 0
Slope: 0.3637

Error Coefficients

Relative Standard Deviation: 4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.000283	0.380596	50.0	1034825.0	0.380488	Y
2	IC 410-683596/13	4.001132	1.365662	50.0	1060182.0	0.341319	Y
3	IC 410-683596/14	10.00283	3.442182	50.0	1029260.0	0.344121	Y
4	IC 410-683596/15	20.00566	7.544124	50.0	1058718.0	0.377099	Y
5	ICIS 410-683596/16	50.01415	18.07564	50.0	1071785.0	0.361411	Y
6	IC 410-683596/17	100.0283	38.037657	50.0	1063341.0	0.380269	Y
7	IC 410-683596/18	300.0849	108.346524	50.0	1117567.0	0.361053	Y



Calibration

/ Methacrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

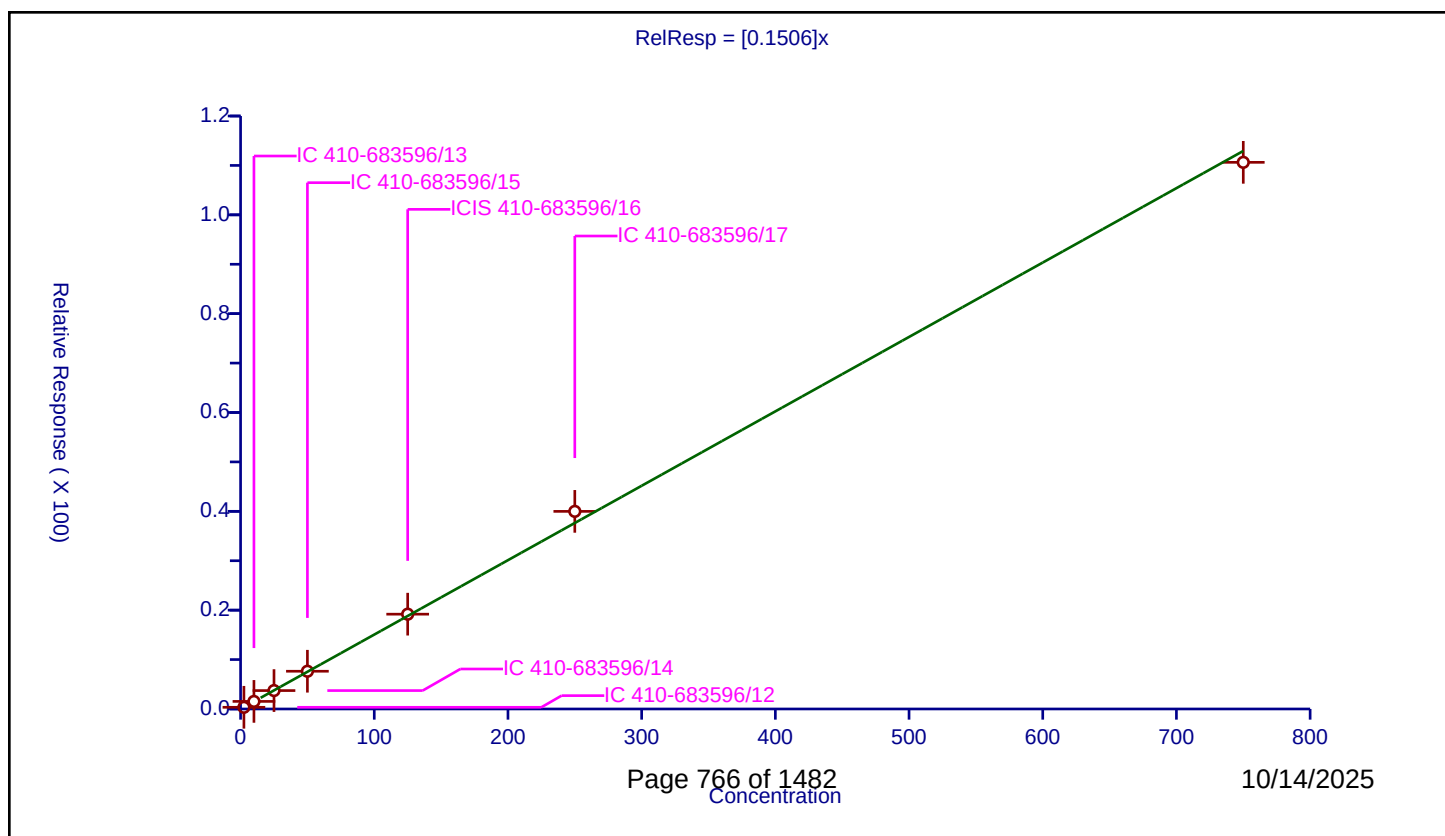
Curve Coefficients

Intercept: 0
 Slope: 0.1506

Error Coefficients

Relative Standard Deviation: 4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	2.5	0.345083	50.0	1034825.0	0.138033	Y
2	IC 410-683596/13	10.0	1.532567	50.0	1060182.0	0.153257	Y
3	IC 410-683596/14	25.0	3.724958	50.0	1029260.0	0.148998	Y
4	IC 410-683596/15	50.0	7.637586	50.0	1058718.0	0.152752	Y
5	ICIS 410-683596/16	125.0	19.185098	50.0	1071785.0	0.153481	Y
6	IC 410-683596/17	250.0	39.990511	50.0	1063341.0	0.159962	Y
7	IC 410-683596/18	750.0	110.624956	50.0	1117567.0	0.1475	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

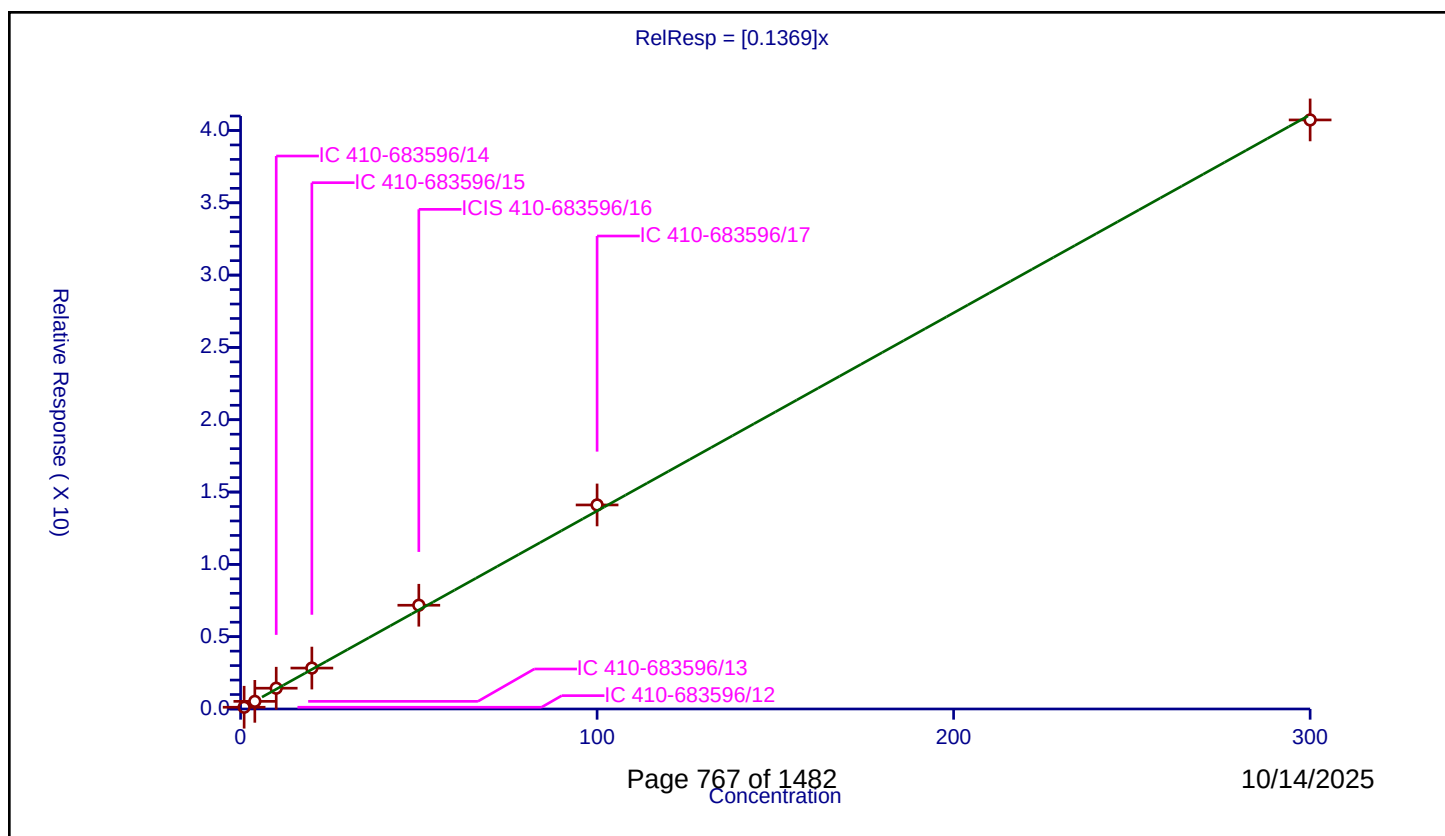
Curve Coefficients

Intercept: 0
Slope: 0.1369

Error Coefficients

Relative Standard Deviation: 6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.120938	50.0	1034825.0	0.120938	Y
2	IC 410-683596/13	4.0	0.528447	50.0	1060182.0	0.132112	Y
3	IC 410-683596/14	10.0	1.437586	50.0	1029260.0	0.143759	Y
4	IC 410-683596/15	20.0	2.829554	50.0	1058718.0	0.141478	Y
5	ICIS 410-683596/16	50.0	7.17378	50.0	1071785.0	0.143476	Y
6	IC 410-683596/17	100.0	14.108362	50.0	1063341.0	0.141084	Y
7	IC 410-683596/18	300.0	40.729594	50.0	1117567.0	0.135765	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

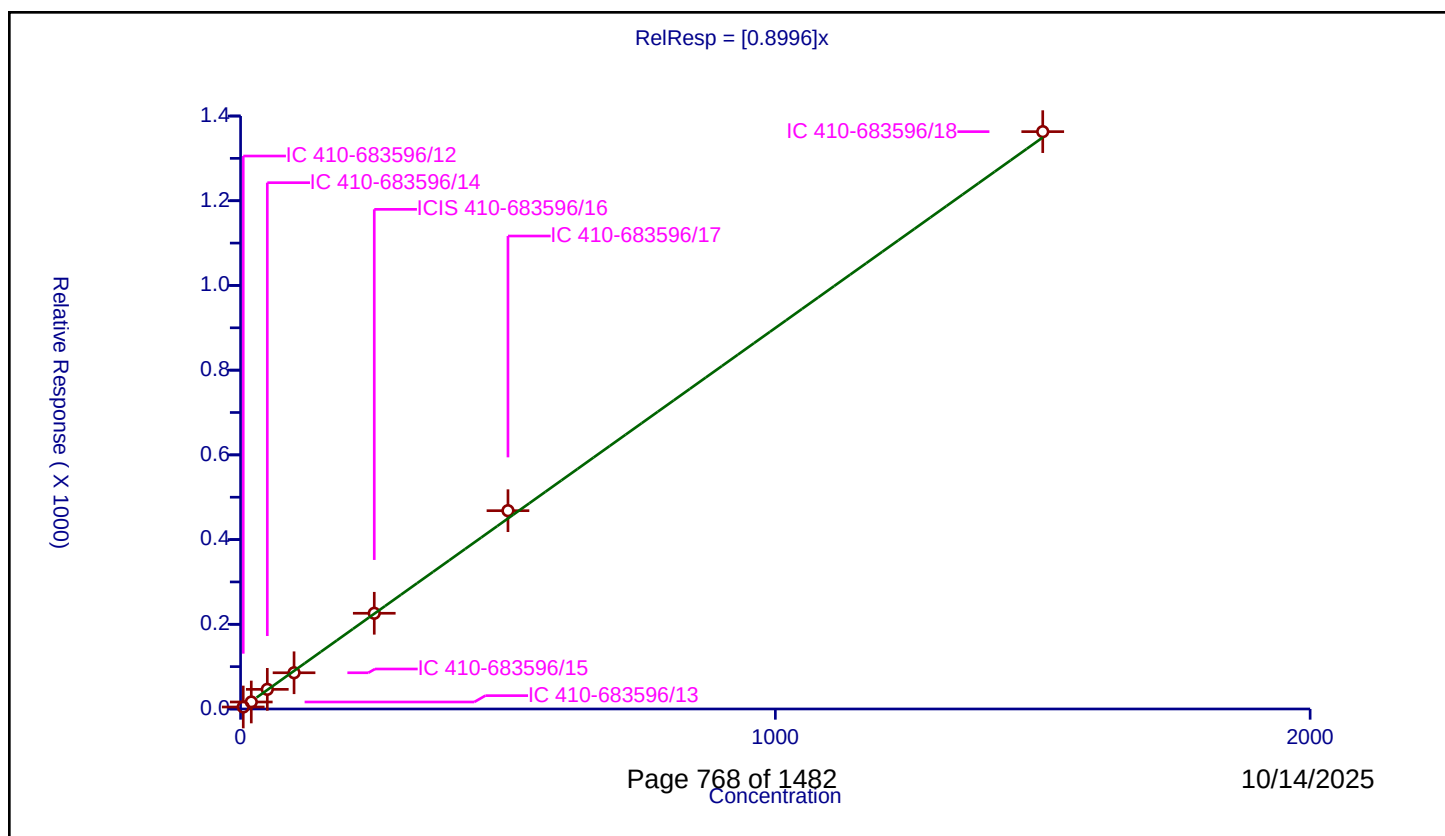
Curve Coefficients

Intercept: 0
Slope: 0.8996

Error Coefficients

Relative Standard Deviation: 4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	5.0	4.699447	250.0	363713.0	0.939889	Y
2	IC 410-683596/13	20.0	16.52436	250.0	392814.0	0.826218	Y
3	IC 410-683596/14	50.0	46.36218	250.0	353316.0	0.927244	Y
4	IC 410-683596/15	100.0	85.503199	250.0	387044.0	0.855032	Y
5	ICIS 410-683596/16	250.0	225.971912	250.0	357311.0	0.903888	Y
6	IC 410-683596/17	500.0	468.169457	250.0	371043.0	0.936339	Y
7	IC 410-683596/18	1500.0	1363.088527	250.0	368101.0	0.908726	Y



Calibration

/ Chloroform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

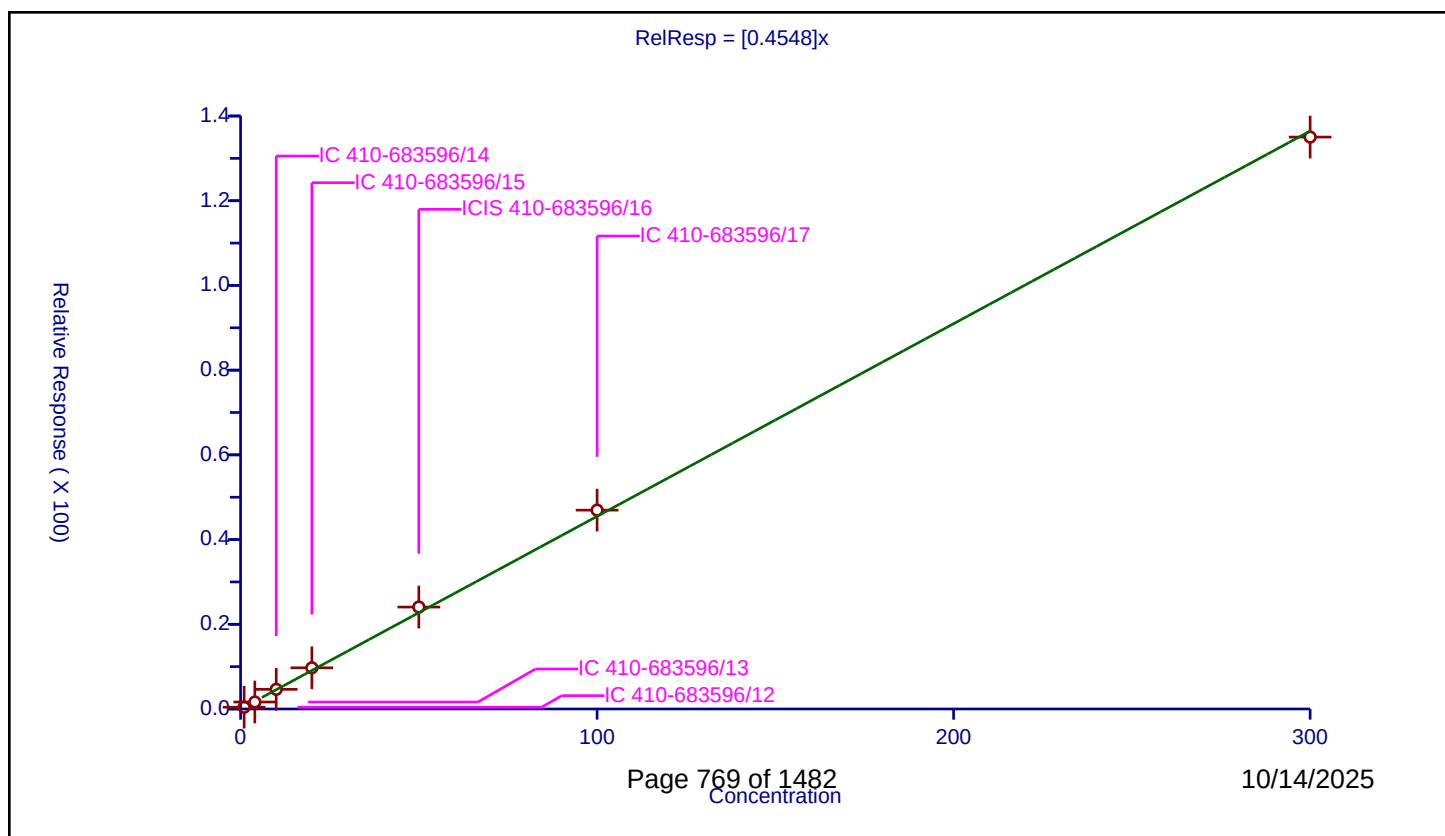
Curve Coefficients

Intercept: 0
 Slope: 0.4548

Error Coefficients

Relative Standard Deviation: 6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.421086	50.0	1034825.0	0.421086	Y
2	IC 410-683596/13	4.0	1.646651	50.0	1060182.0	0.411663	Y
3	IC 410-683596/14	10.0	4.638381	50.0	1029260.0	0.463838	Y
4	IC 410-683596/15	20.0	9.72615	50.0	1058718.0	0.486307	Y
5	ICIS 410-683596/16	50.0	24.06798	50.0	1071785.0	0.48136	Y
6	IC 410-683596/17	100.0	46.943784	50.0	1063341.0	0.469438	Y
7	IC 410-683596/18	300.0	135.023761	50.0	1117567.0	0.450079	Y



Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

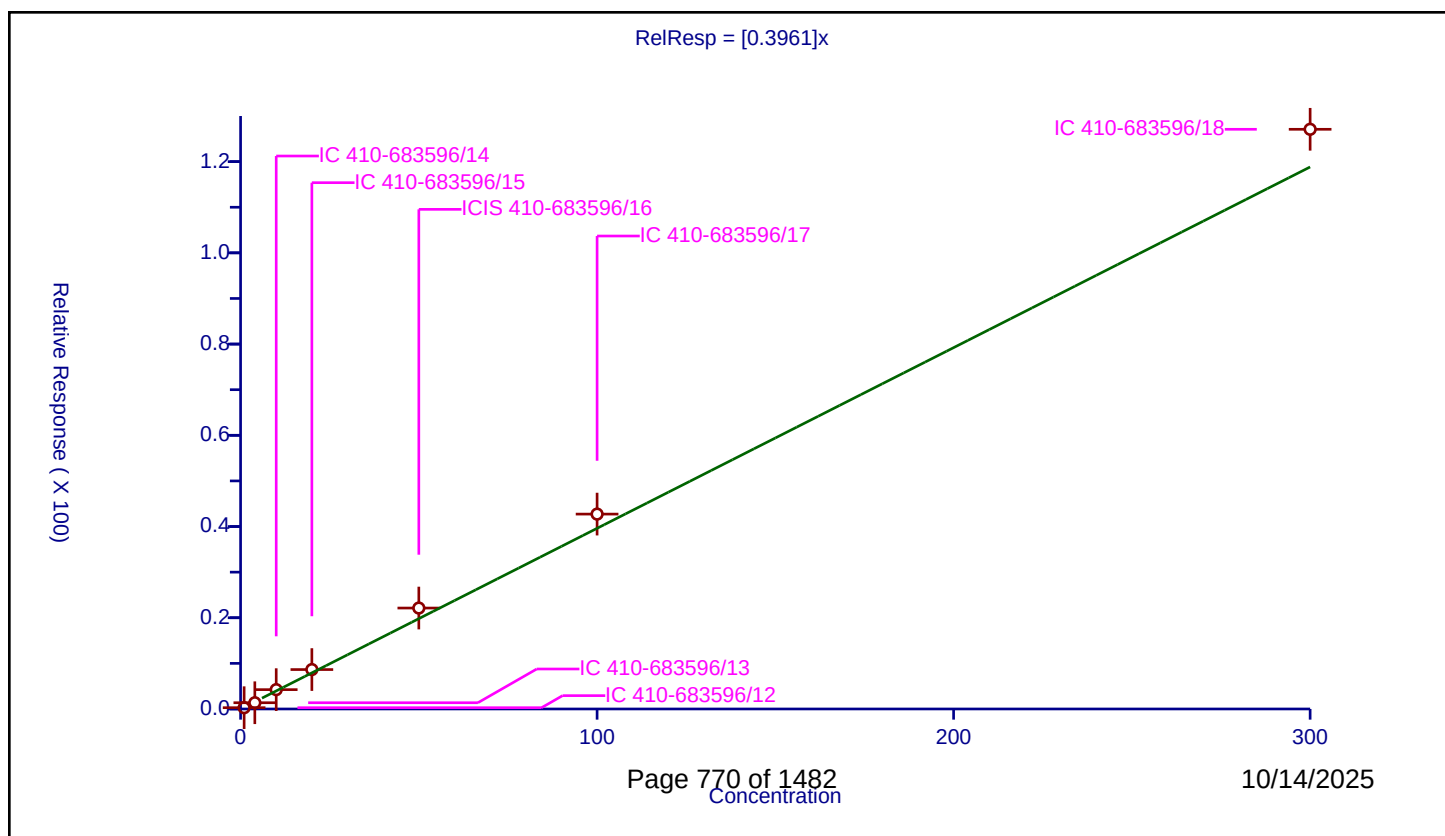
Curve Coefficients

Intercept: 0
Slope: 0.3961

Error Coefficients

Relative Standard Deviation: 15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.281014	50.0	1034825.0	0.281014	Y
2	IC 410-683596/13	4.0	1.368067	50.0	1060182.0	0.342017	Y
3	IC 410-683596/14	10.0	4.239356	50.0	1029260.0	0.423936	Y
4	IC 410-683596/15	20.0	8.643095	50.0	1058718.0	0.432155	Y
5	ICIS 410-683596/16	50.0	22.129998	50.0	1071785.0	0.4426	Y
6	IC 410-683596/17	100.0	42.727545	50.0	1063341.0	0.427275	Y
7	IC 410-683596/18	300.0	127.090322	50.0	1117567.0	0.423634	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

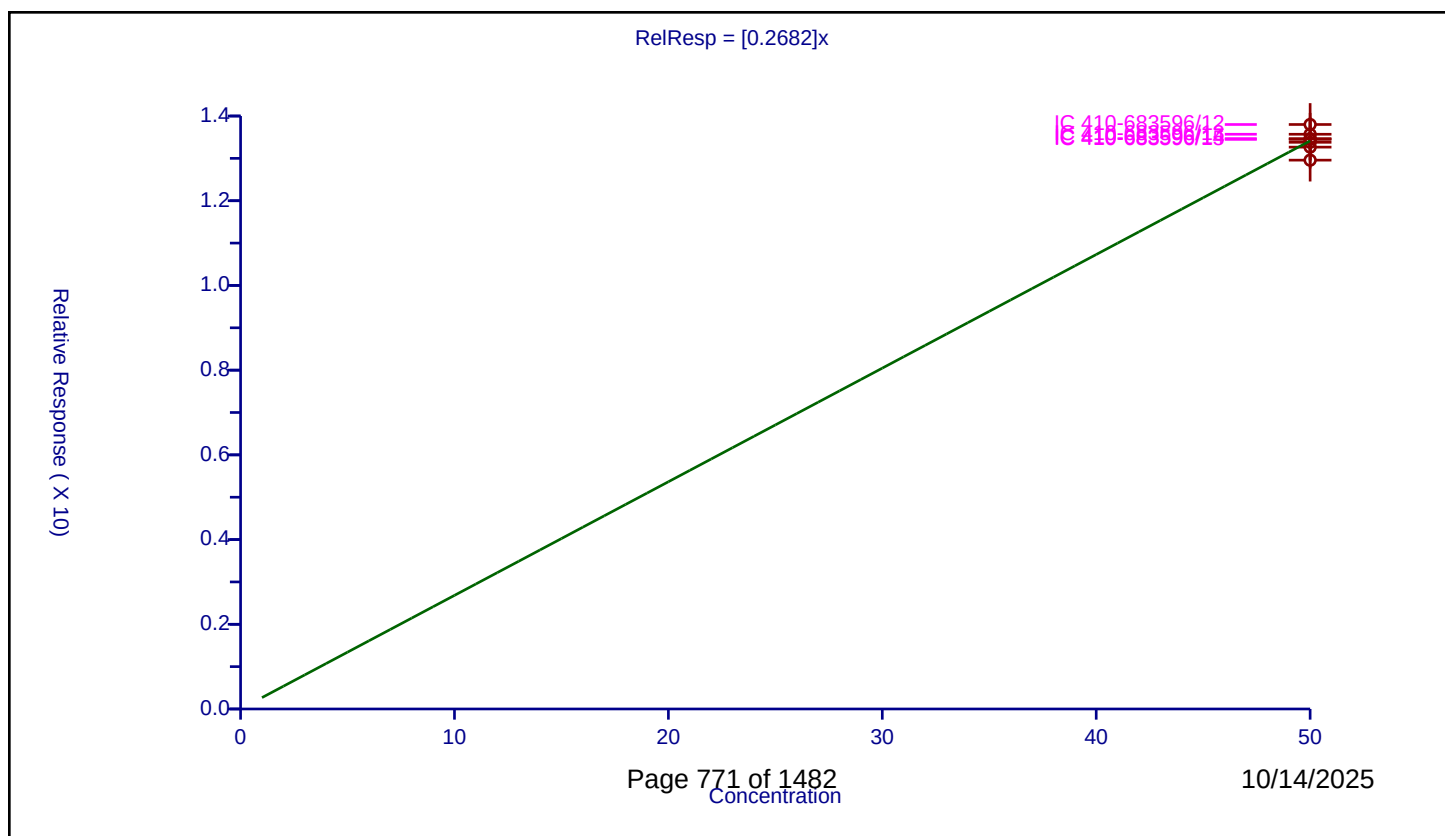
Curve Coefficients

Intercept: 0
 Slope: 0.2682

Error Coefficients

Relative Standard Deviation: 1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	50.0	13.800014	50.0	1034825.0	0.276	Y
2	IC 410-683596/13	50.0	13.569321	50.0	1060182.0	0.271386	Y
3	IC 410-683596/14	50.0	13.466957	50.0	1029260.0	0.269339	Y
4	IC 410-683596/15	50.0	13.44801	50.0	1058718.0	0.26896	Y
5	ICIS 410-683596/16	50.0	13.265487	50.0	1071785.0	0.26531	Y
6	IC 410-683596/17	50.0	13.379386	50.0	1063341.0	0.267588	Y
7	IC 410-683596/18	50.0	12.957791	50.0	1117567.0	0.259156	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

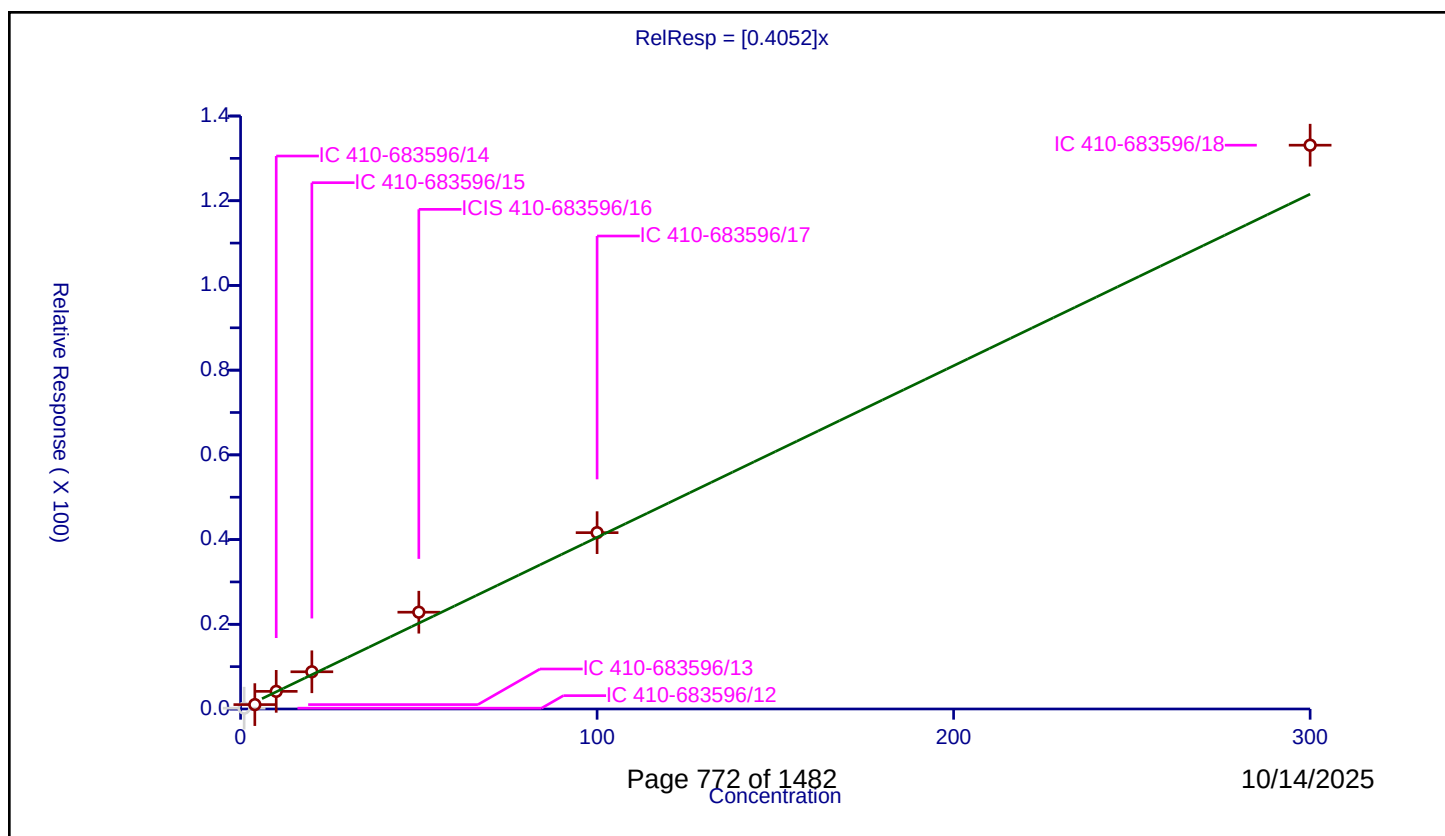
Curve Coefficients

Intercept: 0
Slope: 0.4052

Error Coefficients

Relative Standard Deviation: 18.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.193849	50.0	1034825.0	0.193849	N
2	IC 410-683596/13	4.0	1.033125	50.0	1060182.0	0.258281	Y
3	IC 410-683596/14	10.0	4.164303	50.0	1029260.0	0.41643	Y
4	IC 410-683596/15	20.0	8.788648	50.0	1058718.0	0.439432	Y
5	ICIS 410-683596/16	50.0	22.848892	50.0	1071785.0	0.456978	Y
6	IC 410-683596/17	100.0	41.633446	50.0	1063341.0	0.416334	Y
7	IC 410-683596/18	300.0	133.112422	50.0	1117567.0	0.443708	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

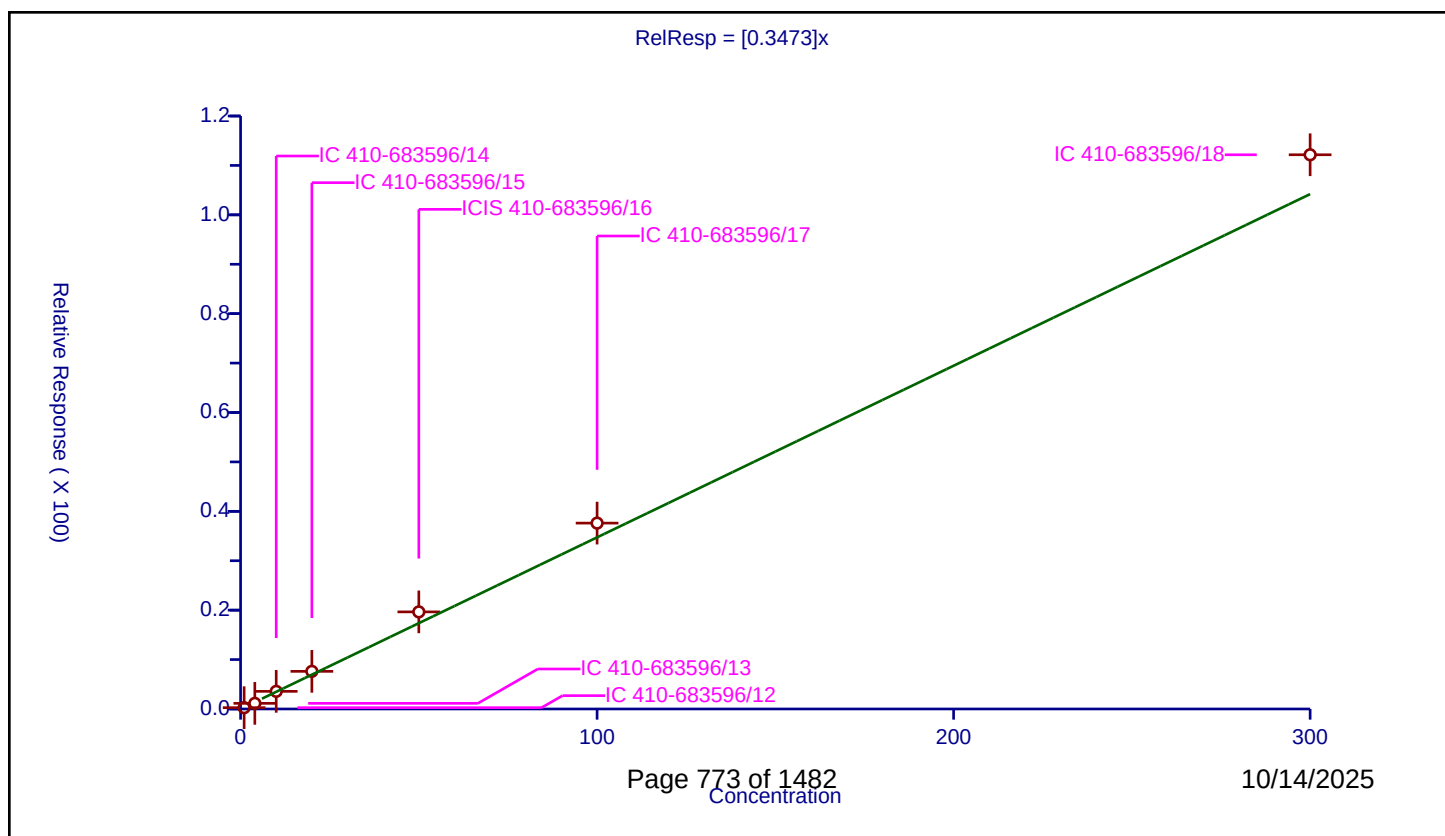
Curve Coefficients

Intercept: 0
Slope: 0.3473

Error Coefficients

Relative Standard Deviation: 14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.264972	50.0	1034825.0	0.264972	Y
2	IC 410-683596/13	4.0	1.141832	50.0	1060182.0	0.285458	Y
3	IC 410-683596/14	10.0	3.568632	50.0	1029260.0	0.356863	Y
4	IC 410-683596/15	20.0	7.617893	50.0	1058718.0	0.380895	Y
5	ICIS 410-683596/16	50.0	19.648764	50.0	1071785.0	0.392975	Y
6	IC 410-683596/17	100.0	37.614321	50.0	1063341.0	0.376143	Y
7	IC 410-683596/18	300.0	112.157884	50.0	1117567.0	0.37386	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

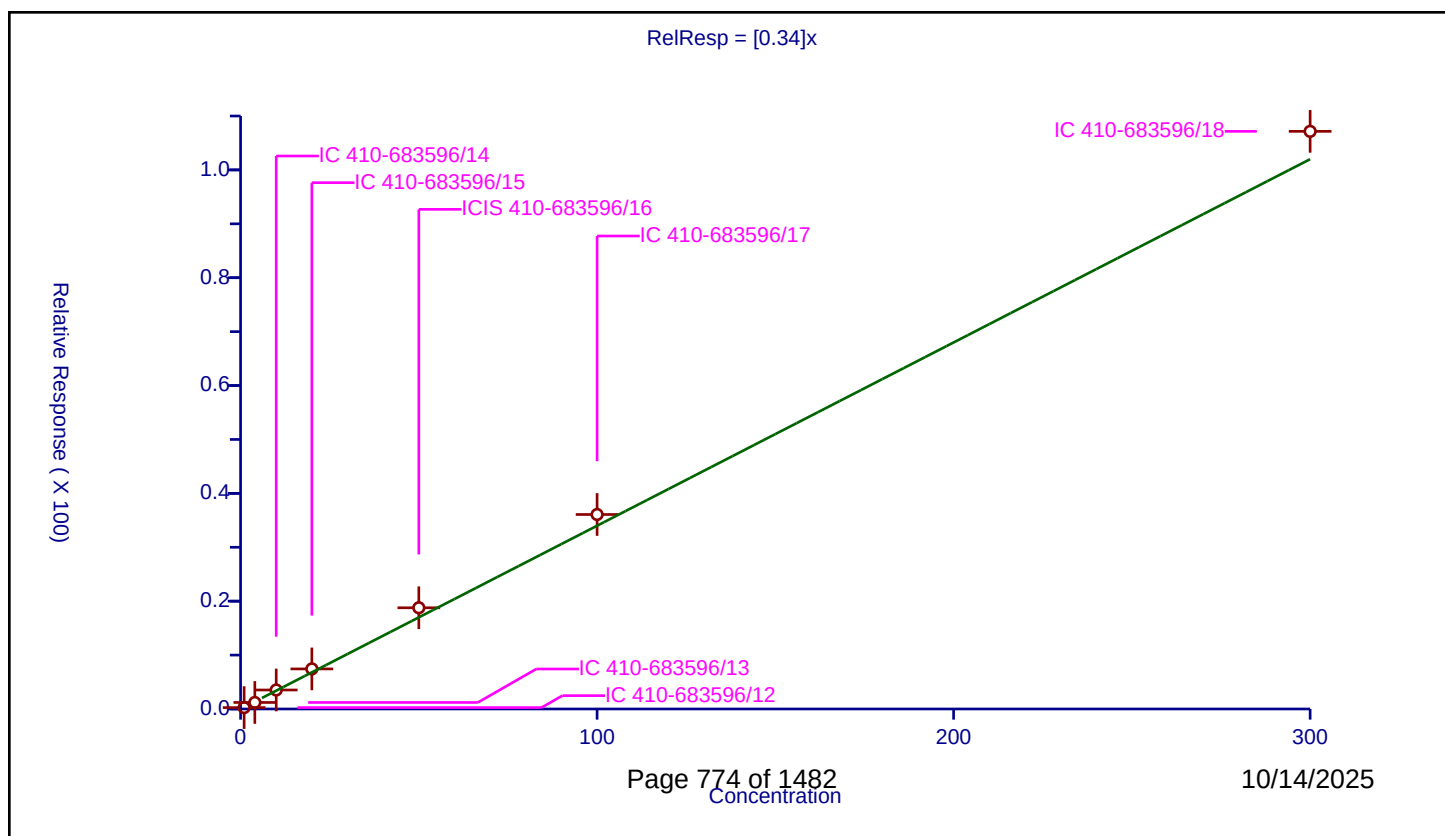
Curve Coefficients

Intercept: 0
Slope: 0.34

Error Coefficients

Relative Standard Deviation: 12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.260189	50.0	1034825.0	0.260189	Y
2	IC 410-683596/13	4.0	1.207623	50.0	1060182.0	0.301906	Y
3	IC 410-683596/14	10.0	3.524668	50.0	1029260.0	0.352467	Y
4	IC 410-683596/15	20.0	7.434699	50.0	1058718.0	0.371735	Y
5	ICIS 410-683596/16	50.0	18.773495	50.0	1071785.0	0.37547	Y
6	IC 410-683596/17	100.0	36.078314	50.0	1063341.0	0.360783	Y
7	IC 410-683596/18	300.0	107.15362	50.0	1117567.0	0.357179	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

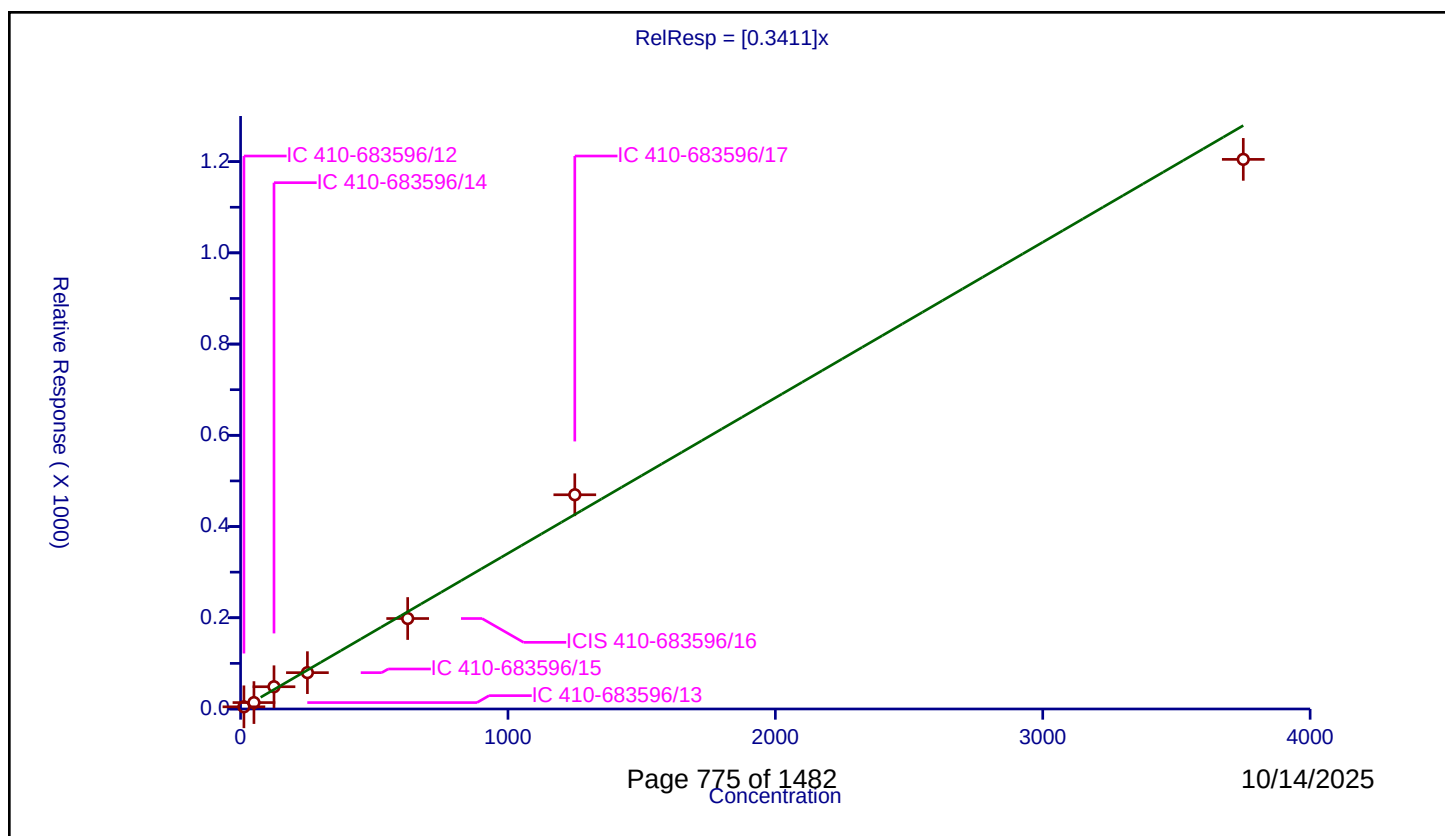
Curve Coefficients

Intercept: 0
Slope: 0.3411

Error Coefficients

Relative Standard Deviation: 12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	12.5	4.788803	250.0	363713.0	0.383104	Y
2	IC 410-683596/13	50.0	14.072818	250.0	392814.0	0.281456	Y
3	IC 410-683596/14	125.0	48.768666	250.0	353316.0	0.390149	Y
4	IC 410-683596/15	250.0	79.638878	250.0	387044.0	0.318556	Y
5	ICIS 410-683596/16	625.0	198.34402	250.0	357311.0	0.31735	Y
6	IC 410-683596/17	1250.0	469.667262	250.0	371043.0	0.375734	Y
7	IC 410-683596/18	3750.0	1204.950543	250.0	368101.0	0.32132	Y



Calibration

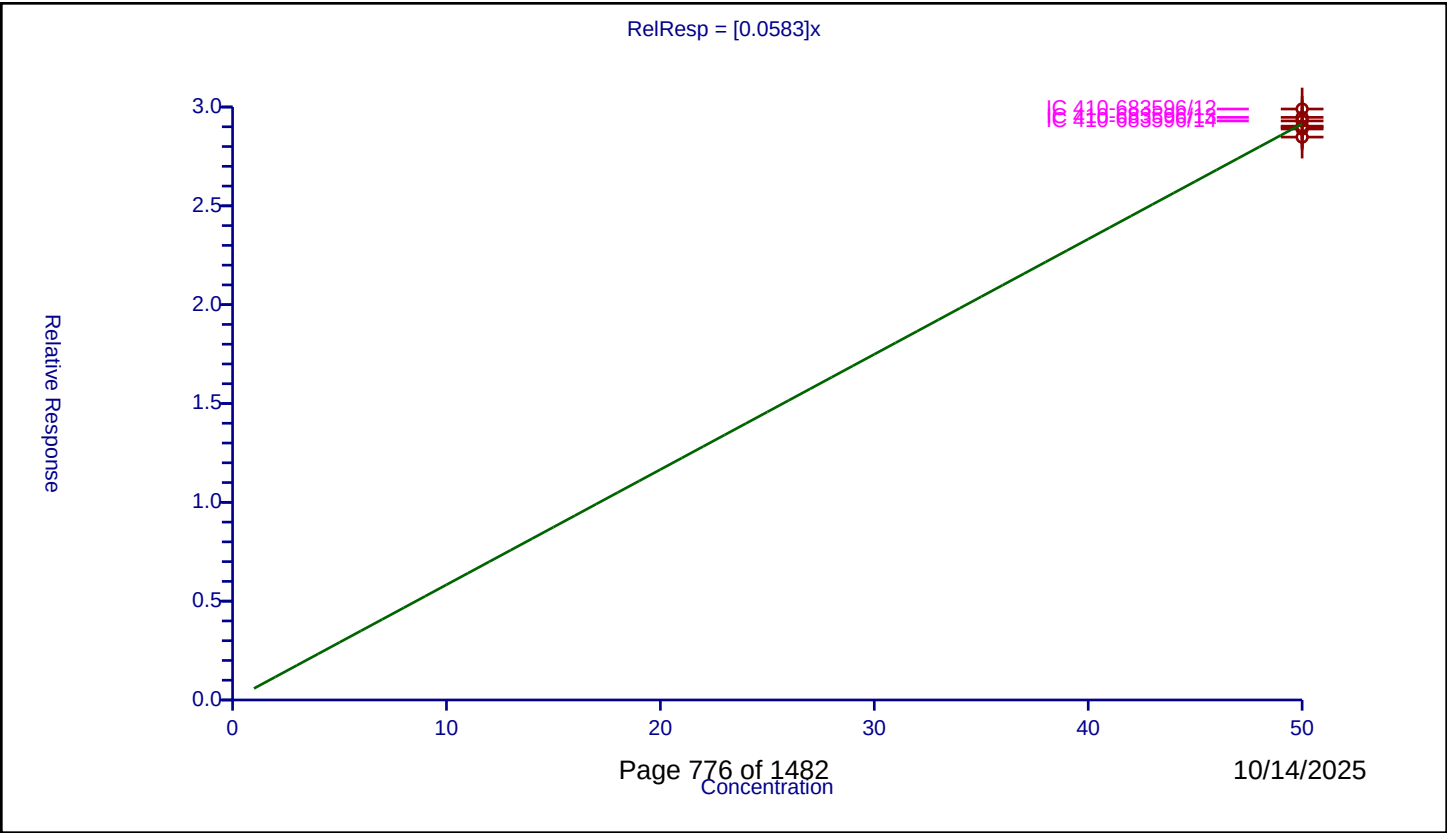
/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0583

Error Coefficients	
Relative Standard Deviation:	1.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	50.0	2.989878	50.0	1034825.0	0.059798	Y
2	IC 410-683596/13	50.0	2.947701	50.0	1060182.0	0.058954	Y
3	IC 410-683596/14	50.0	2.929532	50.0	1029260.0	0.058591	Y
4	IC 410-683596/15	50.0	2.903323	50.0	1058718.0	0.058066	Y
5	ICIS 410-683596/16	50.0	2.897596	50.0	1071785.0	0.057952	Y
6	IC 410-683596/17	50.0	2.888725	50.0	1063341.0	0.057775	Y
7	IC 410-683596/18	50.0	2.847749	50.0	1117567.0	0.056955	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

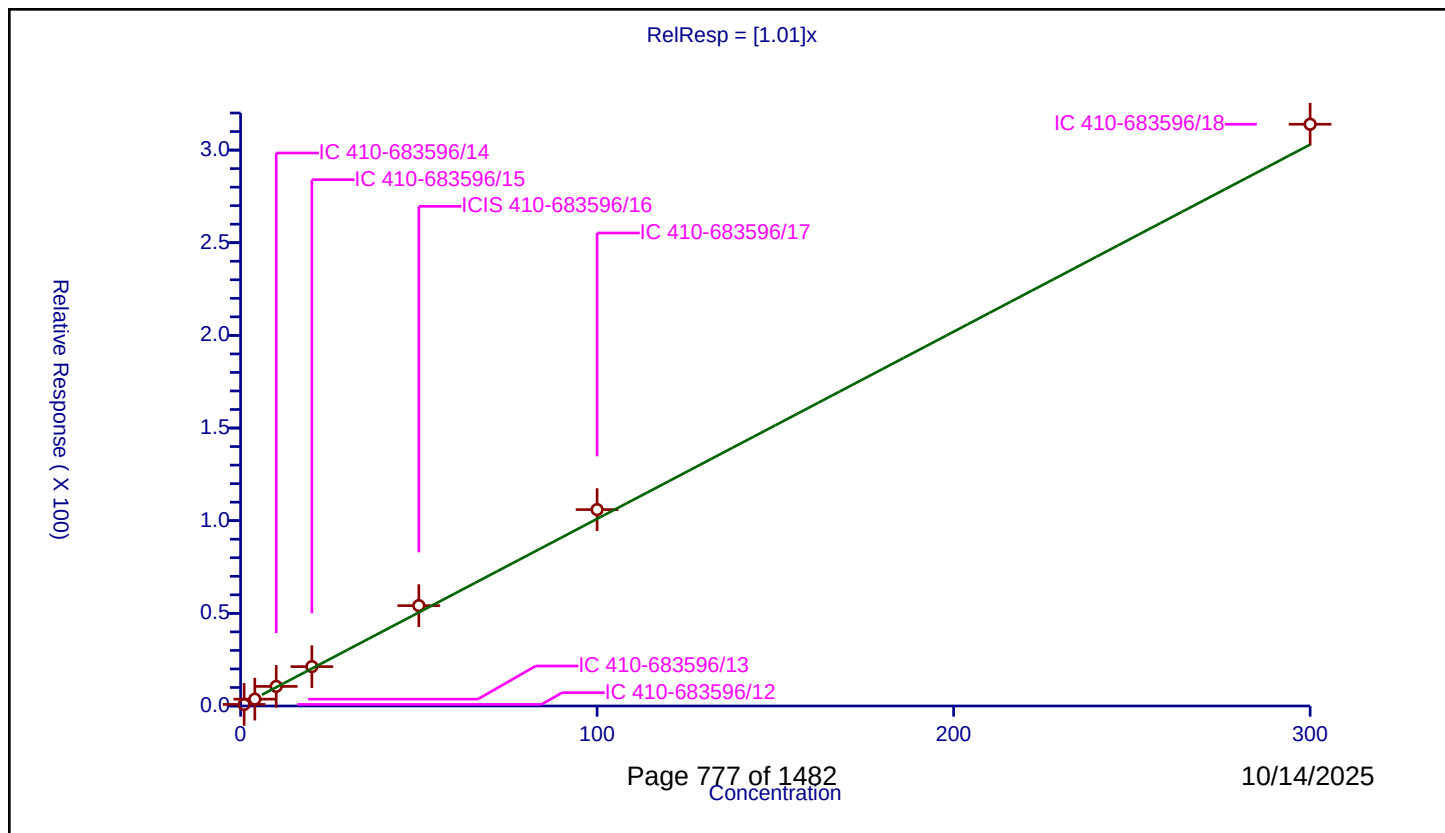
Curve Coefficients

Intercept: 0
Slope: 1.01

Error Coefficients

Relative Standard Deviation: 9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.839707	50.0	1034825.0	0.839707	Y
2	IC 410-683596/13	4.0	3.684886	50.0	1060182.0	0.921222	Y
3	IC 410-683596/14	10.0	10.565309	50.0	1029260.0	1.056531	Y
4	IC 410-683596/15	20.0	21.246545	50.0	1058718.0	1.062327	Y
5	ICIS 410-683596/16	50.0	54.161002	50.0	1071785.0	1.08322	Y
6	IC 410-683596/17	100.0	105.981101	50.0	1063341.0	1.059811	Y
7	IC 410-683596/18	300.0	313.943728	50.0	1117567.0	1.046479	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

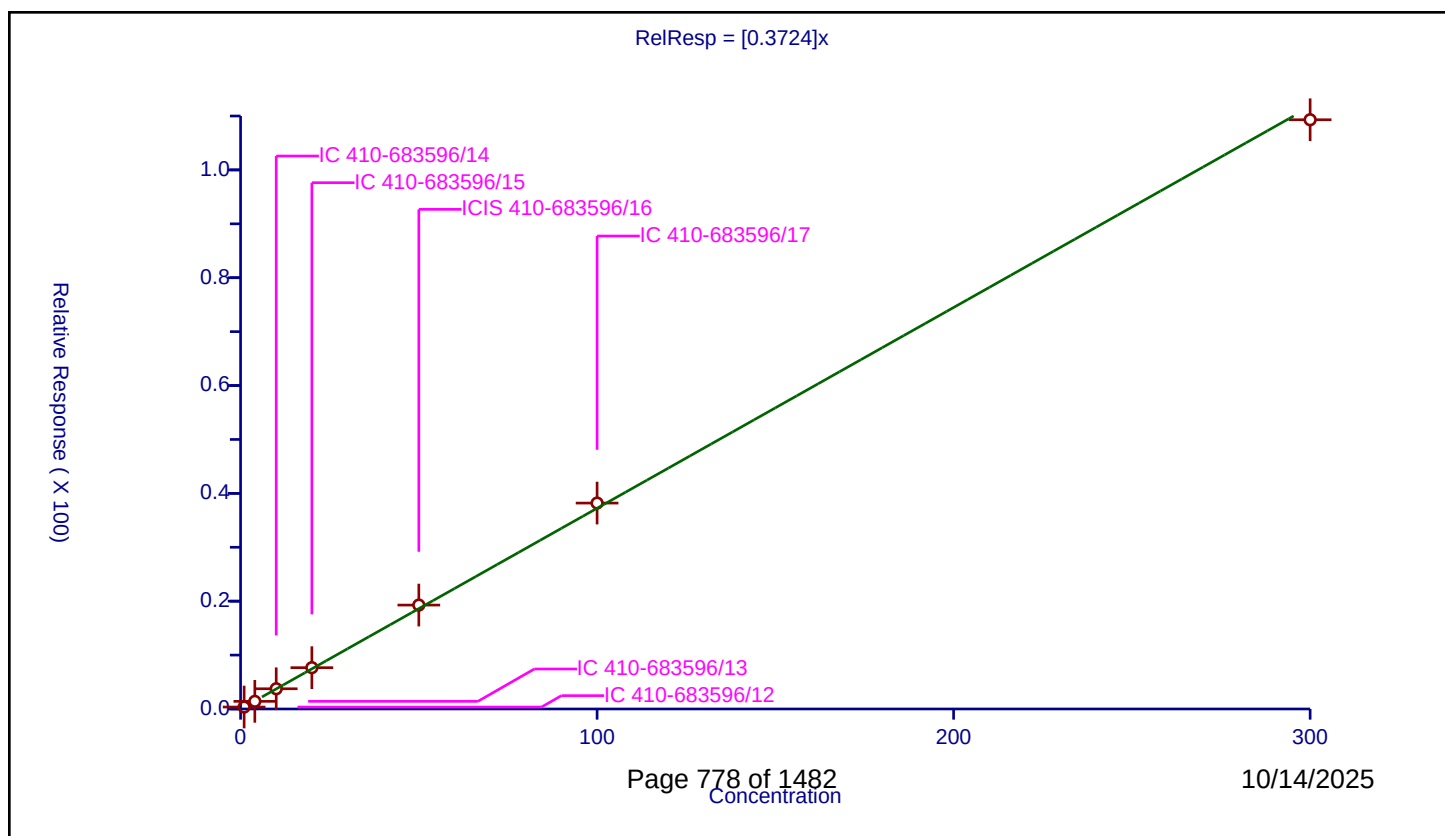
Curve Coefficients

Intercept: 0
Slope: 0.3724

Error Coefficients

Relative Standard Deviation: 3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.361945	50.0	1034825.0	0.361945	Y
2	IC 410-683596/13	4.0	1.418058	50.0	1060182.0	0.354515	Y
3	IC 410-683596/14	10.0	3.753376	50.0	1029260.0	0.375338	Y
4	IC 410-683596/15	20.0	7.663042	50.0	1058718.0	0.383152	Y
5	ICIS 410-683596/16	50.0	19.275554	50.0	1071785.0	0.385511	Y
6	IC 410-683596/17	100.0	38.197436	50.0	1063341.0	0.381974	Y
7	IC 410-683596/18	300.0	109.309733	50.0	1117567.0	0.364366	Y



Calibration

/ Tert-amyl methyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

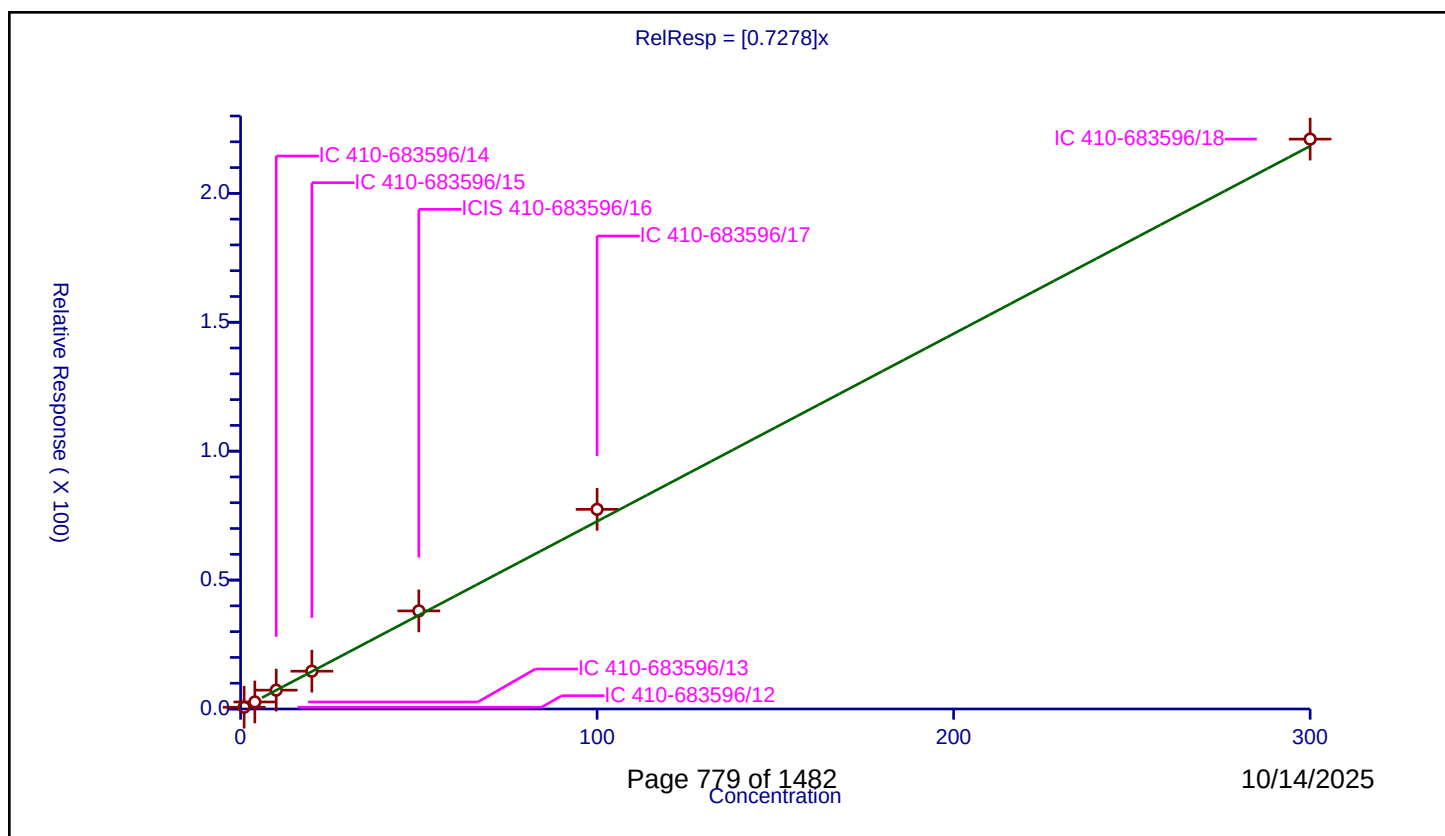
Curve Coefficients

Intercept: 0
Slope: 0.7278

Error Coefficients

Relative Standard Deviation: 5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.676298	50.0	1034825.0	0.676298	Y
2	IC 410-683596/13	4.0	2.727786	50.0	1060182.0	0.681947	Y
3	IC 410-683596/14	10.0	7.309572	50.0	1029260.0	0.730957	Y
4	IC 410-683596/15	20.0	14.663111	50.0	1058718.0	0.733156	Y
5	ICIS 410-683596/16	50.0	38.046017	50.0	1071785.0	0.76092	Y
6	IC 410-683596/17	100.0	77.433627	50.0	1063341.0	0.774336	Y
7	IC 410-683596/18	300.0	221.03941	50.0	1117567.0	0.736798	Y



Calibration

/ n-Heptane

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

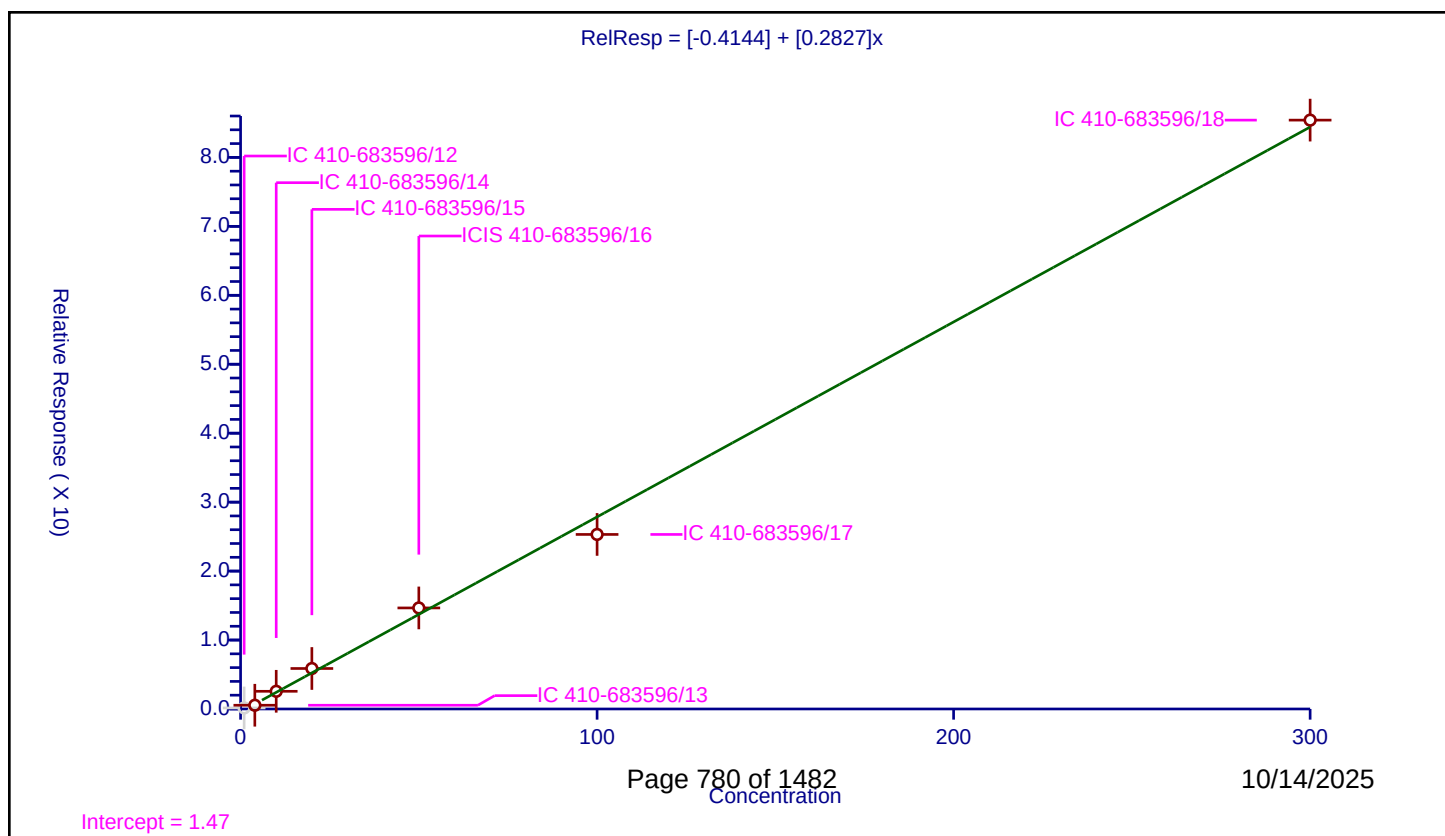
Curve Coefficients

Intercept: -0.4144
Slope: 0.2827

Error Coefficients

Relative Standard Deviation: 11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.151088	50.0	1034825.0	0.151088	N
2	IC 410-683596/13	4.0	0.541794	50.0	1060182.0	0.135448	Y
3	IC 410-683596/14	10.0	2.567864	50.0	1029260.0	0.256786	Y
4	IC 410-683596/15	20.0	5.872621	50.0	1058718.0	0.293631	Y
5	ICIS 410-683596/16	50.0	14.655318	50.0	1071785.0	0.293106	Y
6	IC 410-683596/17	100.0	25.312999	50.0	1063341.0	0.25313	Y
7	IC 410-683596/18	300.0	85.403694	50.0	1117567.0	0.284679	Y



Calibration

/ n-Butanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

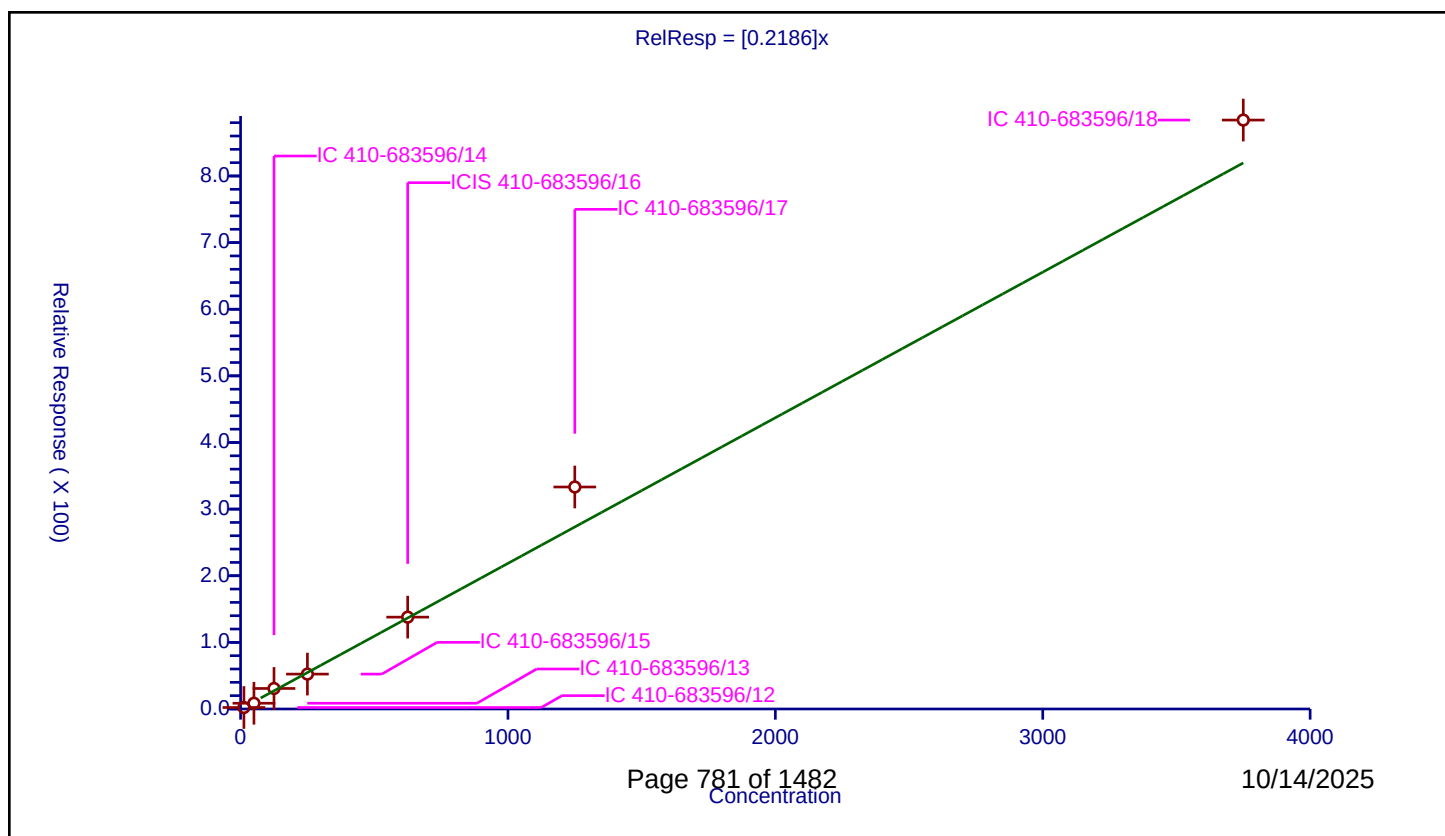
Curve Coefficients

Intercept: 0
Slope: 0.2186

Error Coefficients

Relative Standard Deviation: 15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	12.5	2.230467	250.0	363713.0	0.178437	Y
2	IC 410-683596/13	50.0	8.63513	250.0	392814.0	0.172703	Y
3	IC 410-683596/14	125.0	30.798917	250.0	353316.0	0.246391	Y
4	IC 410-683596/15	250.0	52.386163	250.0	387044.0	0.209545	Y
5	ICIS 410-683596/16	625.0	137.845602	250.0	357311.0	0.220553	Y
6	IC 410-683596/17	1250.0	333.197904	250.0	371043.0	0.266558	Y
7	IC 410-683596/18	3750.0	883.931312	250.0	368101.0	0.235715	Y



Calibration

/ Trichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

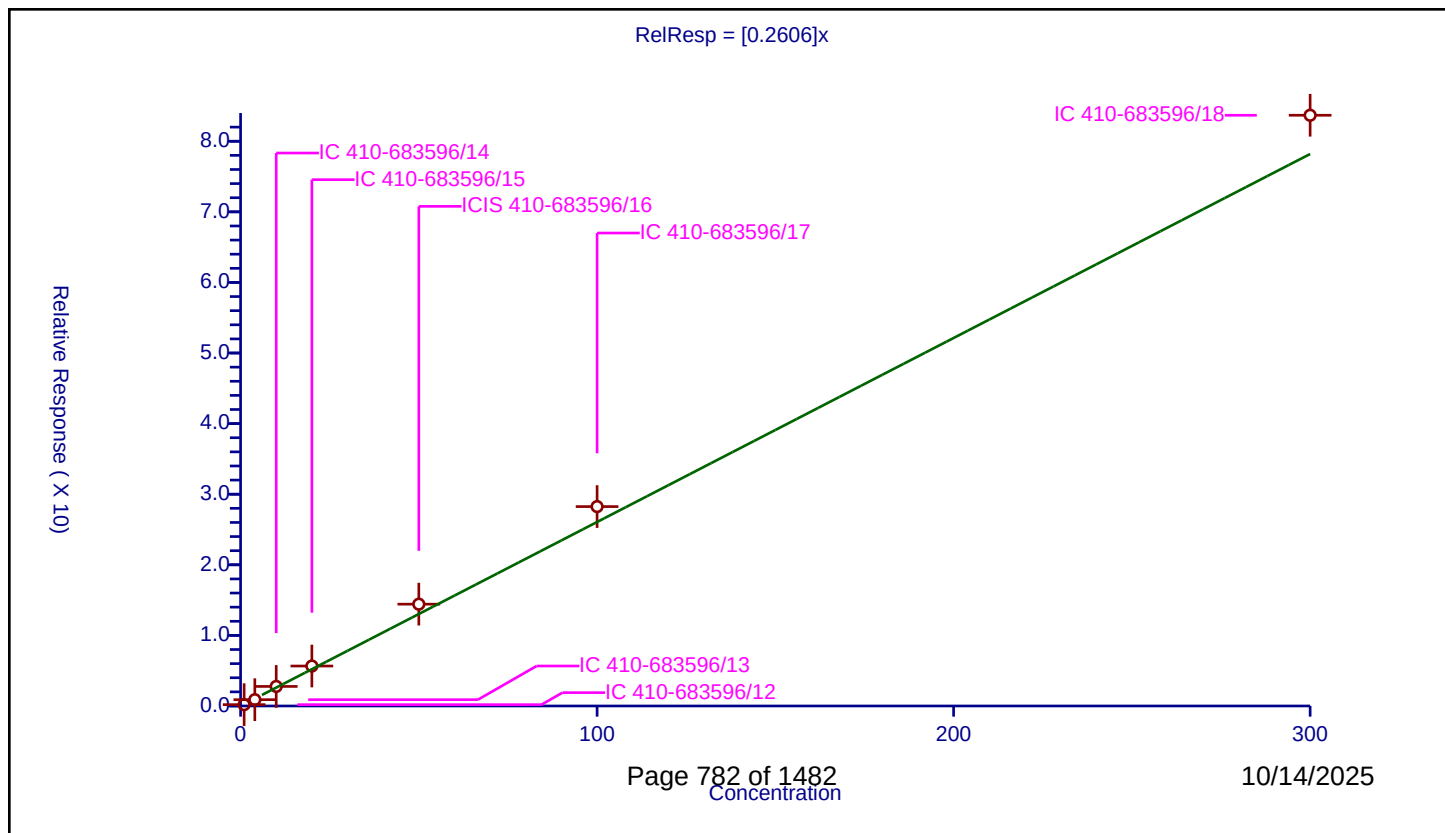
Curve Coefficients

Intercept: 0
Slope: 0.2606

Error Coefficients

Relative Standard Deviation: 14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.191095	50.0	1034825.0	0.191095	Y
2	IC 410-683596/13	4.0	0.894328	50.0	1060182.0	0.223582	Y
3	IC 410-683596/14	10.0	2.769611	50.0	1029260.0	0.276961	Y
4	IC 410-683596/15	20.0	5.659486	50.0	1058718.0	0.282974	Y
5	ICIS 410-683596/16	50.0	14.424488	50.0	1071785.0	0.28849	Y
6	IC 410-683596/17	100.0	28.246442	50.0	1063341.0	0.282464	Y
7	IC 410-683596/18	300.0	83.683976	50.0	1117567.0	0.278947	Y



Calibration

/ Ethyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

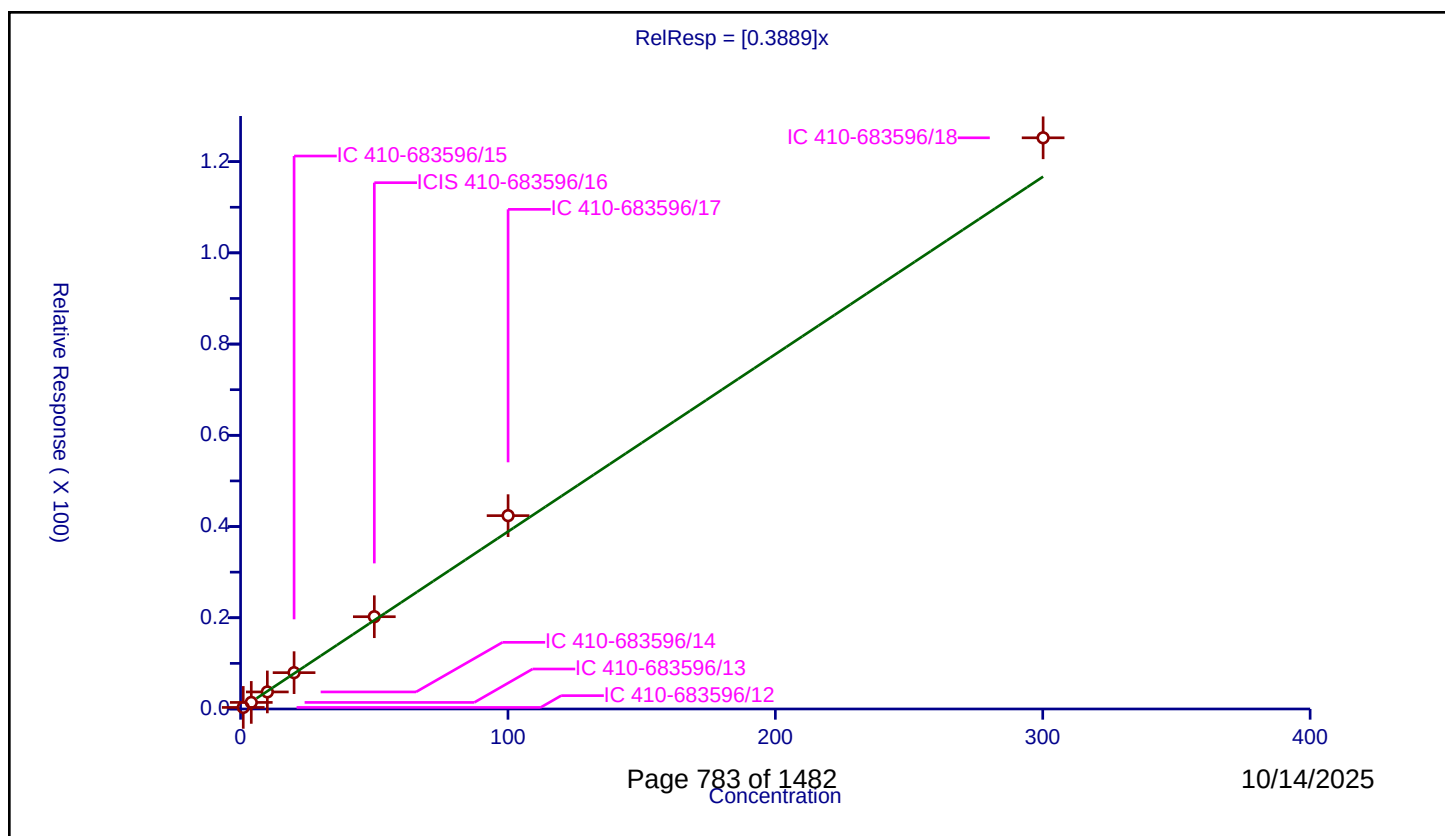
Curve Coefficients

Intercept: 0
 Slope: 0.3889

Error Coefficients

Relative Standard Deviation: 7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.00048	0.344599	50.0	1034825.0	0.344434	Y
2	IC 410-683596/13	4.00192	1.441781	50.0	1060182.0	0.360272	Y
3	IC 410-683596/14	10.0048	3.739386	50.0	1029260.0	0.373759	Y
4	IC 410-683596/15	20.0096	7.966522	50.0	1058718.0	0.398135	Y
5	ICIS 410-683596/16	50.024	20.233629	50.0	1071785.0	0.404478	Y
6	IC 410-683596/17	100.048	42.386403	50.0	1063341.0	0.423661	Y
7	IC 410-683596/18	300.144	125.226407	50.0	1117567.0	0.417221	Y



Calibration

/ Methylcyclohexane

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

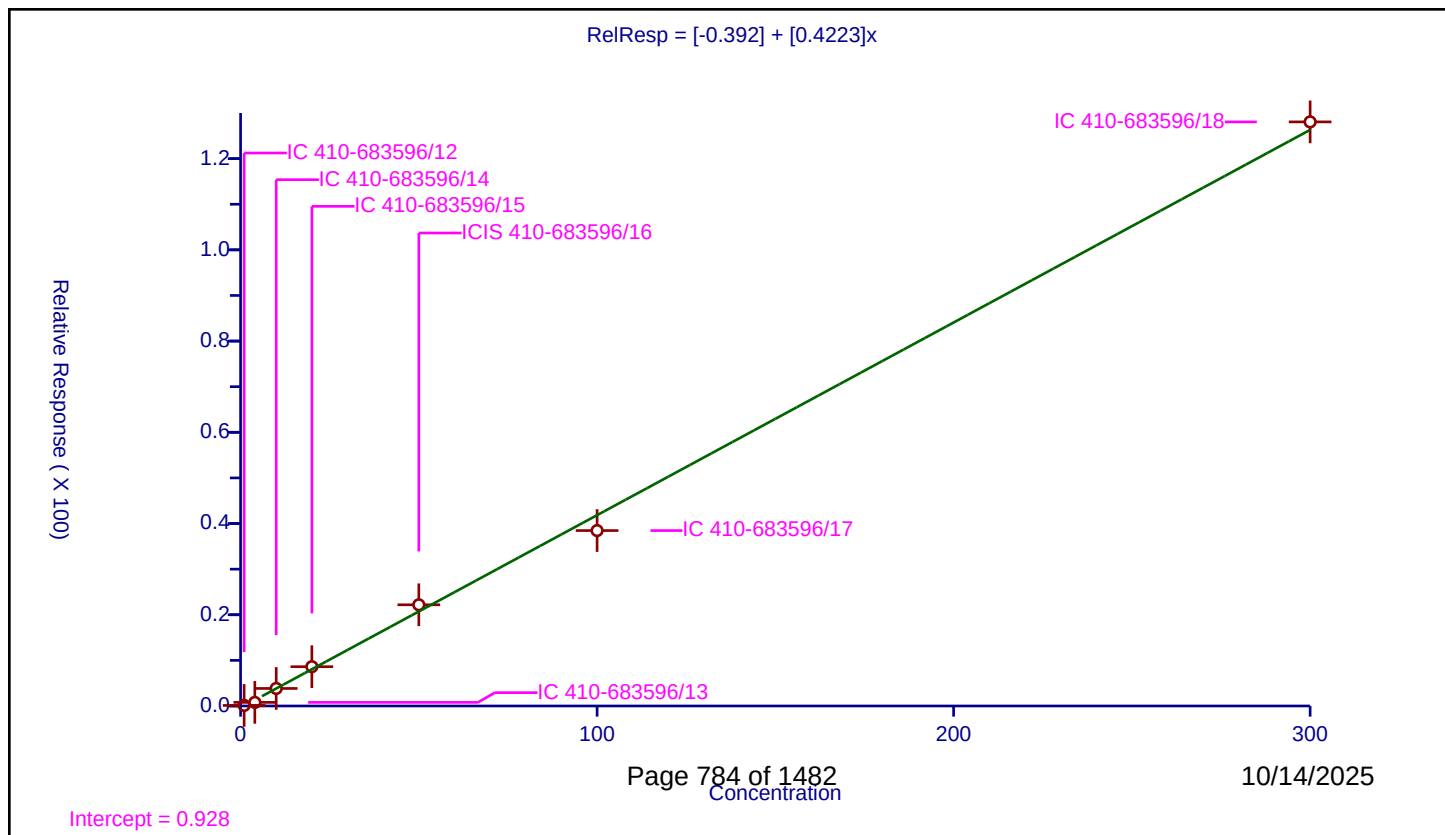
Curve Coefficients

Intercept: -0.392
Slope: 0.4223

Error Coefficients

Relative Standard Deviation: 17.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.126253	50.0	1034825.0	0.126253	Y
2	IC 410-683596/13	4.0	0.790195	50.0	1060182.0	0.197549	Y
3	IC 410-683596/14	10.0	3.844801	50.0	1029260.0	0.38448	Y
4	IC 410-683596/15	20.0	8.616223	50.0	1058718.0	0.430811	Y
5	ICIS 410-683596/16	50.0	22.18486	50.0	1071785.0	0.443697	Y
6	IC 410-683596/17	100.0	38.45897	50.0	1063341.0	0.38459	Y
7	IC 410-683596/18	300.0	128.053173	50.0	1117567.0	0.426844	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

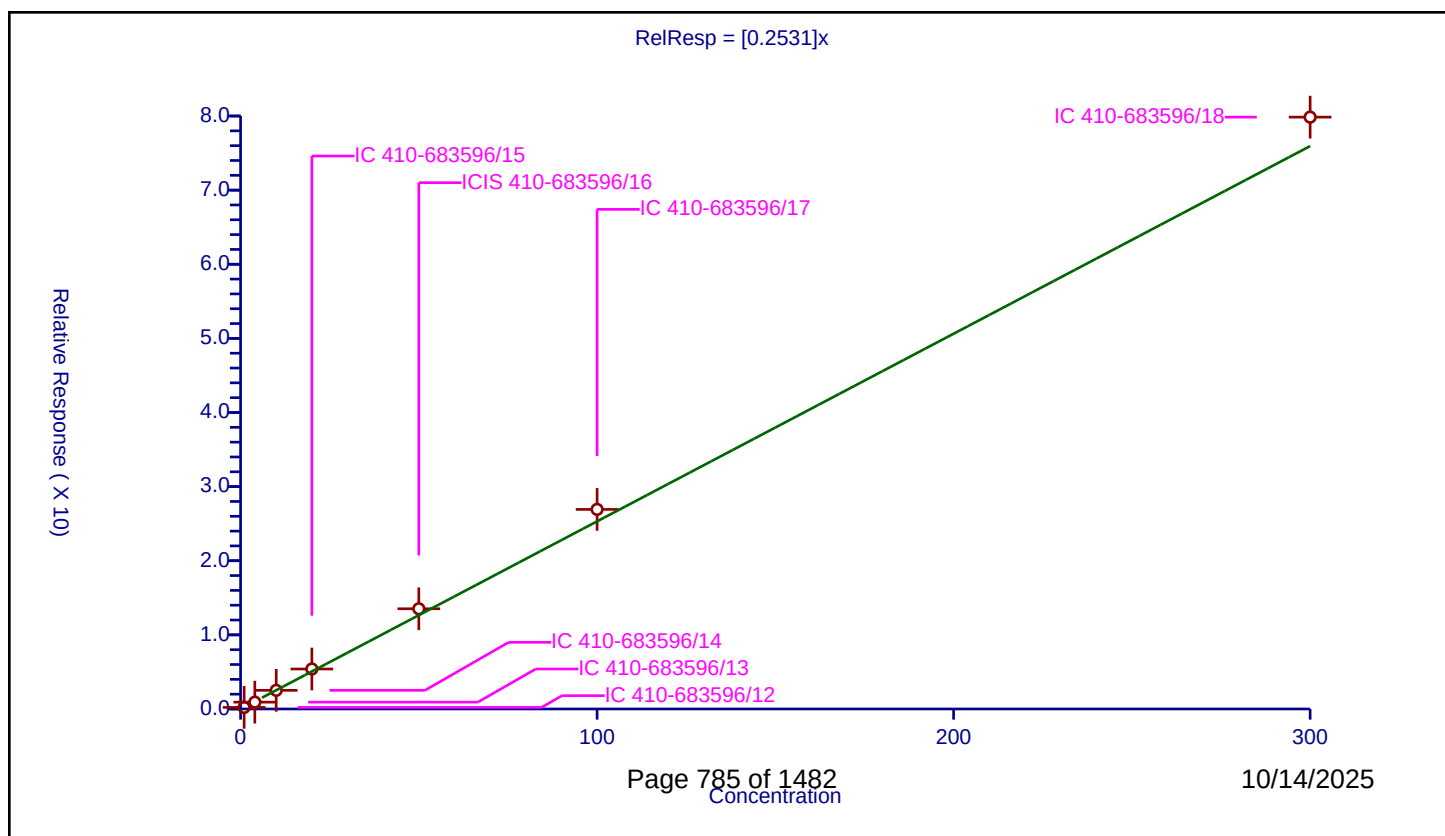
Curve Coefficients

Intercept: 0
Slope: 0.2531

Error Coefficients

Relative Standard Deviation: 8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.214239	50.0	1034825.0	0.214239	Y
2	IC 410-683596/13	4.0	0.921351	50.0	1060182.0	0.230338	Y
3	IC 410-683596/14	10.0	2.517828	50.0	1029260.0	0.251783	Y
4	IC 410-683596/15	20.0	5.394213	50.0	1058718.0	0.269711	Y
5	ICIS 410-683596/16	50.0	13.521788	50.0	1071785.0	0.270436	Y
6	IC 410-683596/17	100.0	26.928097	50.0	1063341.0	0.269281	Y
7	IC 410-683596/18	300.0	79.848501	50.0	1117567.0	0.266162	Y



Calibration

/ 2-ethoxy-2-methyl butane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

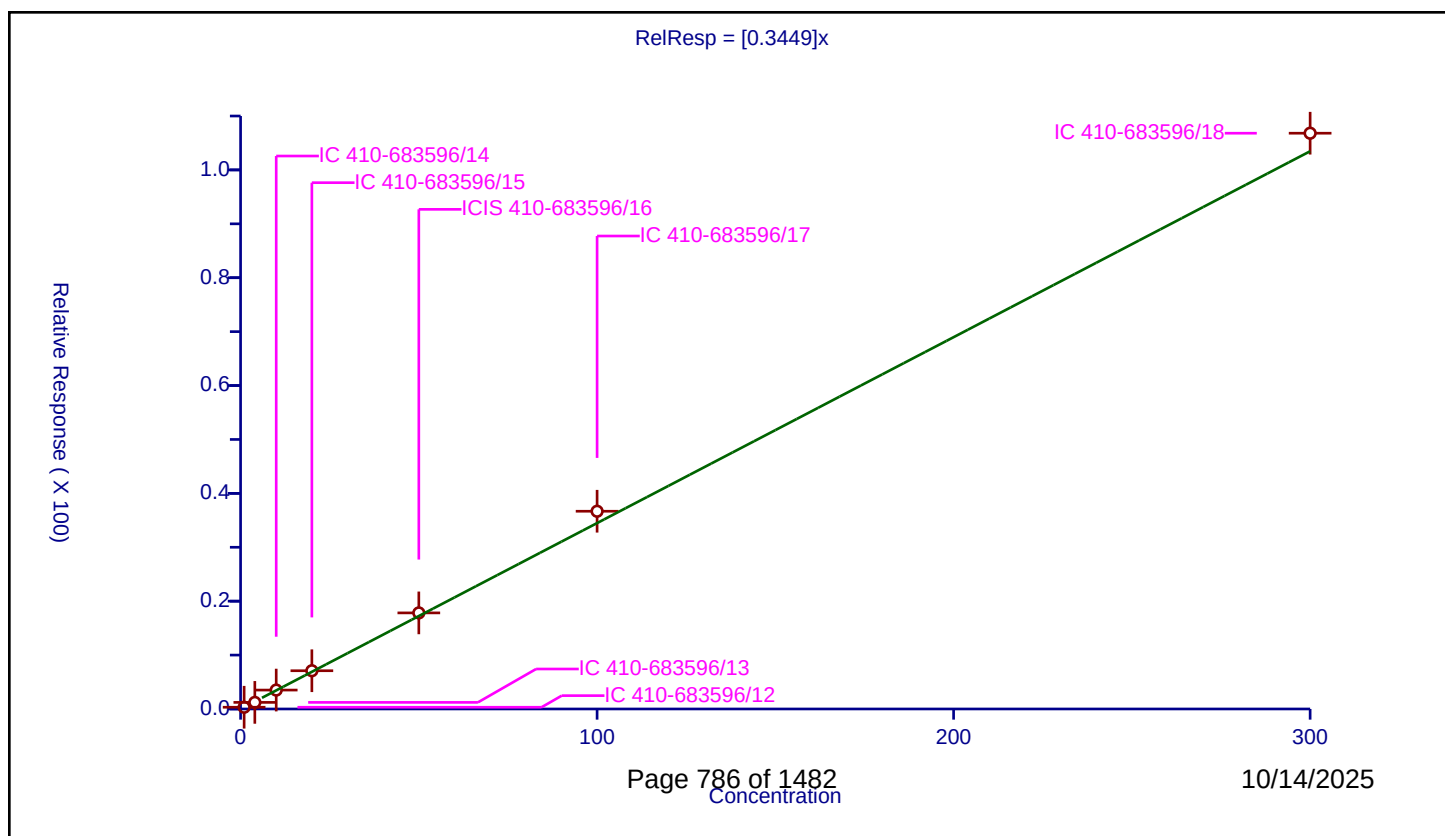
Curve Coefficients

Intercept: 0
 Slope: 0.3449

Error Coefficients

Relative Standard Deviation: 6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.322857	50.0	1034825.0	0.322857	Y
2	IC 410-683596/13	4.0	1.225308	50.0	1060182.0	0.306327	Y
3	IC 410-683596/14	10.0	3.507569	50.0	1029260.0	0.350757	Y
4	IC 410-683596/15	20.0	7.095421	50.0	1058718.0	0.354771	Y
5	ICIS 410-683596/16	50.0	17.825777	50.0	1071785.0	0.356516	Y
6	IC 410-683596/17	100.0	36.682823	50.0	1063341.0	0.366828	Y
7	IC 410-683596/18	300.0	106.807153	50.0	1117567.0	0.356024	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

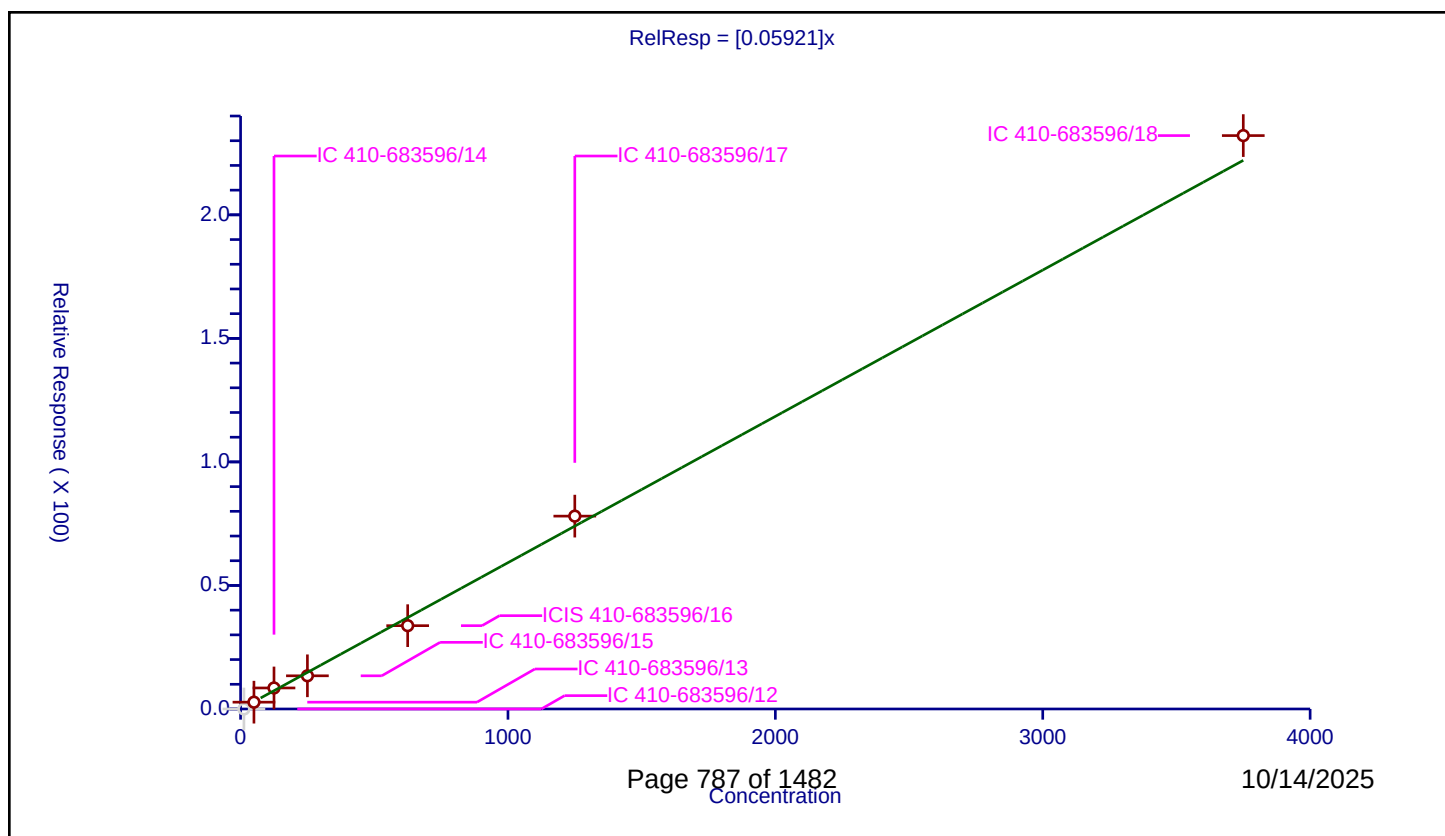
Curve Coefficients

Intercept: 0
Slope: 0.05921

Error Coefficients

Relative Standard Deviation: 9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	12.5	0.0	250.0	363713.0	0.0	N
2	IC 410-683596/13	50.0	2.759576	250.0	392814.0	0.055192	Y
3	IC 410-683596/14	125.0	8.507257	250.0	353316.0	0.068058	Y
4	IC 410-683596/15	250.0	13.435811	250.0	387044.0	0.053743	Y
5	ICIS 410-683596/16	625.0	33.724123	250.0	357311.0	0.053959	Y
6	IC 410-683596/17	1250.0	78.063055	250.0	371043.0	0.06245	Y
7	IC 410-683596/18	3750.0	232.078967	250.0	368101.0	0.061888	Y



Calibration

/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

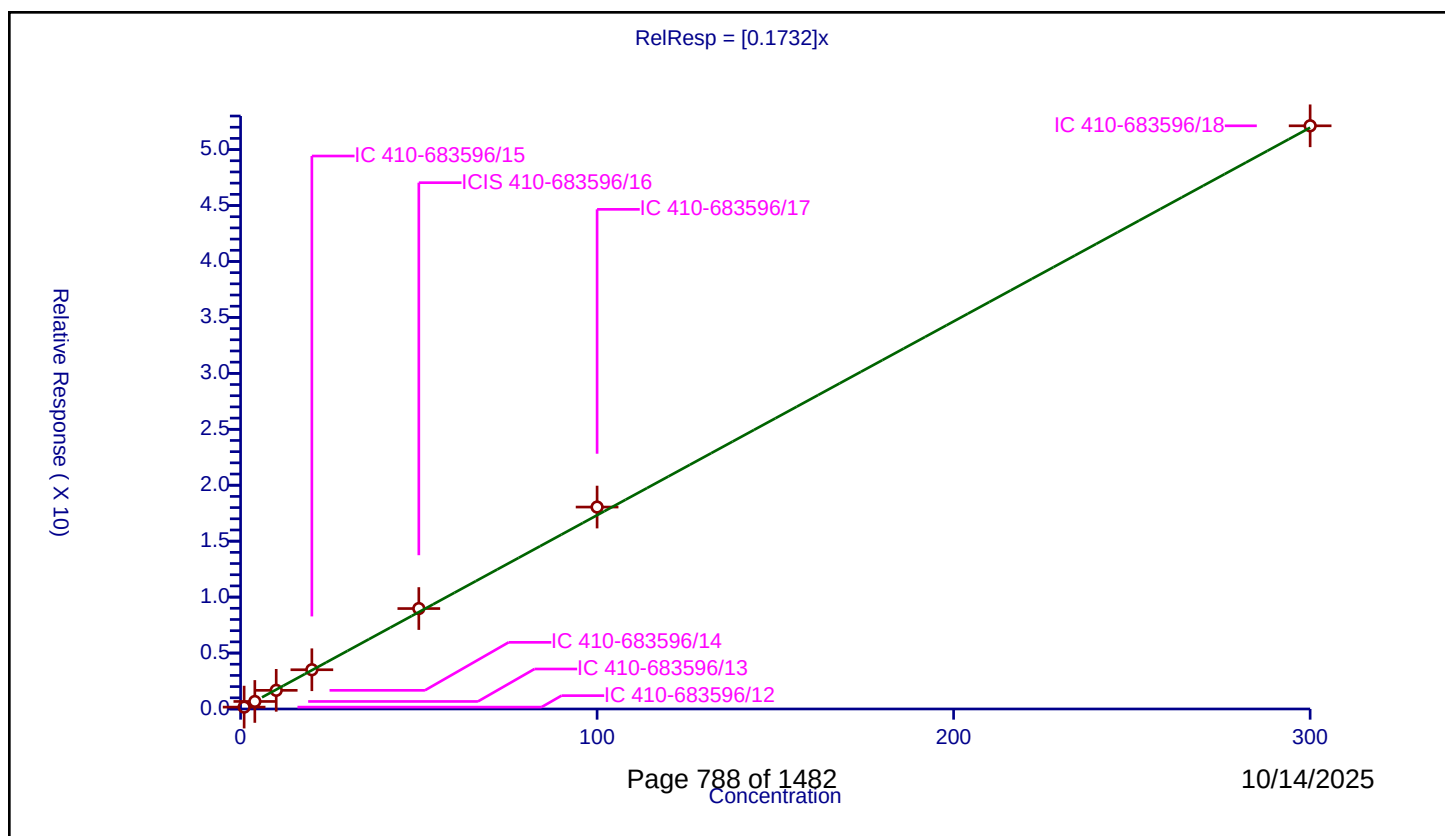
Curve Coefficients

Intercept: 0
Slope: 0.1732

Error Coefficients

Relative Standard Deviation: 3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.168241	50.0	1034825.0	0.168241	Y
2	IC 410-683596/13	4.0	0.673516	50.0	1060182.0	0.168379	Y
3	IC 410-683596/14	10.0	1.666537	50.0	1029260.0	0.166654	Y
4	IC 410-683596/15	20.0	3.508252	50.0	1058718.0	0.175413	Y
5	ICIS 410-683596/16	50.0	8.977267	50.0	1071785.0	0.179545	Y
6	IC 410-683596/17	100.0	18.047691	50.0	1063341.0	0.180477	Y
7	IC 410-683596/18	300.0	52.124347	50.0	1117567.0	0.173748	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

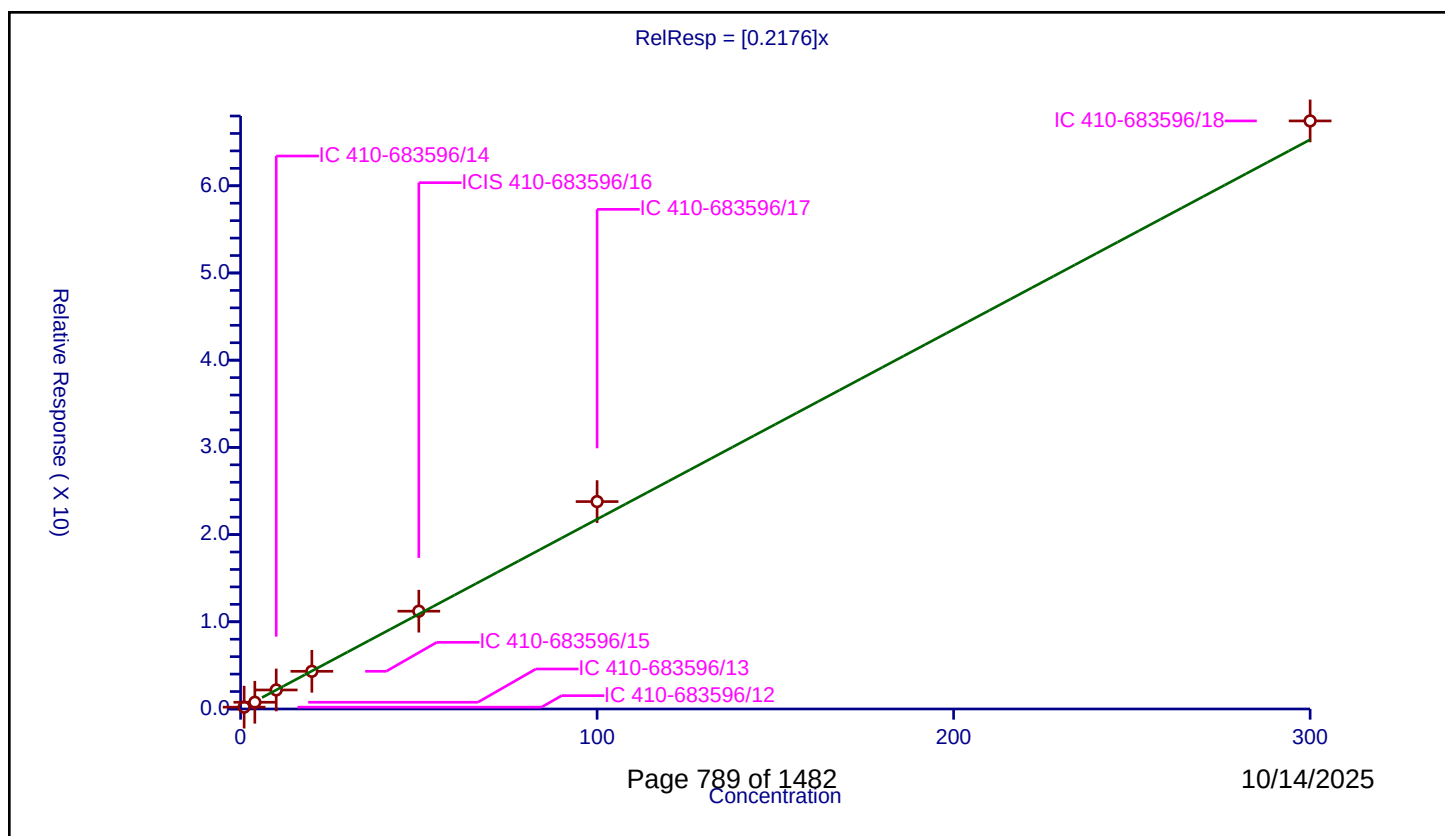
Curve Coefficients

Intercept: 0
Slope: 0.2176

Error Coefficients

Relative Standard Deviation: 6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.208924	50.0	1034825.0	0.208924	Y
2	IC 410-683596/13	4.0	0.772886	50.0	1060182.0	0.193222	Y
3	IC 410-683596/14	10.0	2.18249	50.0	1029260.0	0.218249	Y
4	IC 410-683596/15	20.0	4.322397	50.0	1058718.0	0.21612	Y
5	ICIS 410-683596/16	50.0	11.213956	50.0	1071785.0	0.224279	Y
6	IC 410-683596/17	100.0	23.783575	50.0	1063341.0	0.237836	Y
7	IC 410-683596/18	300.0	67.438418	50.0	1117567.0	0.224795	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

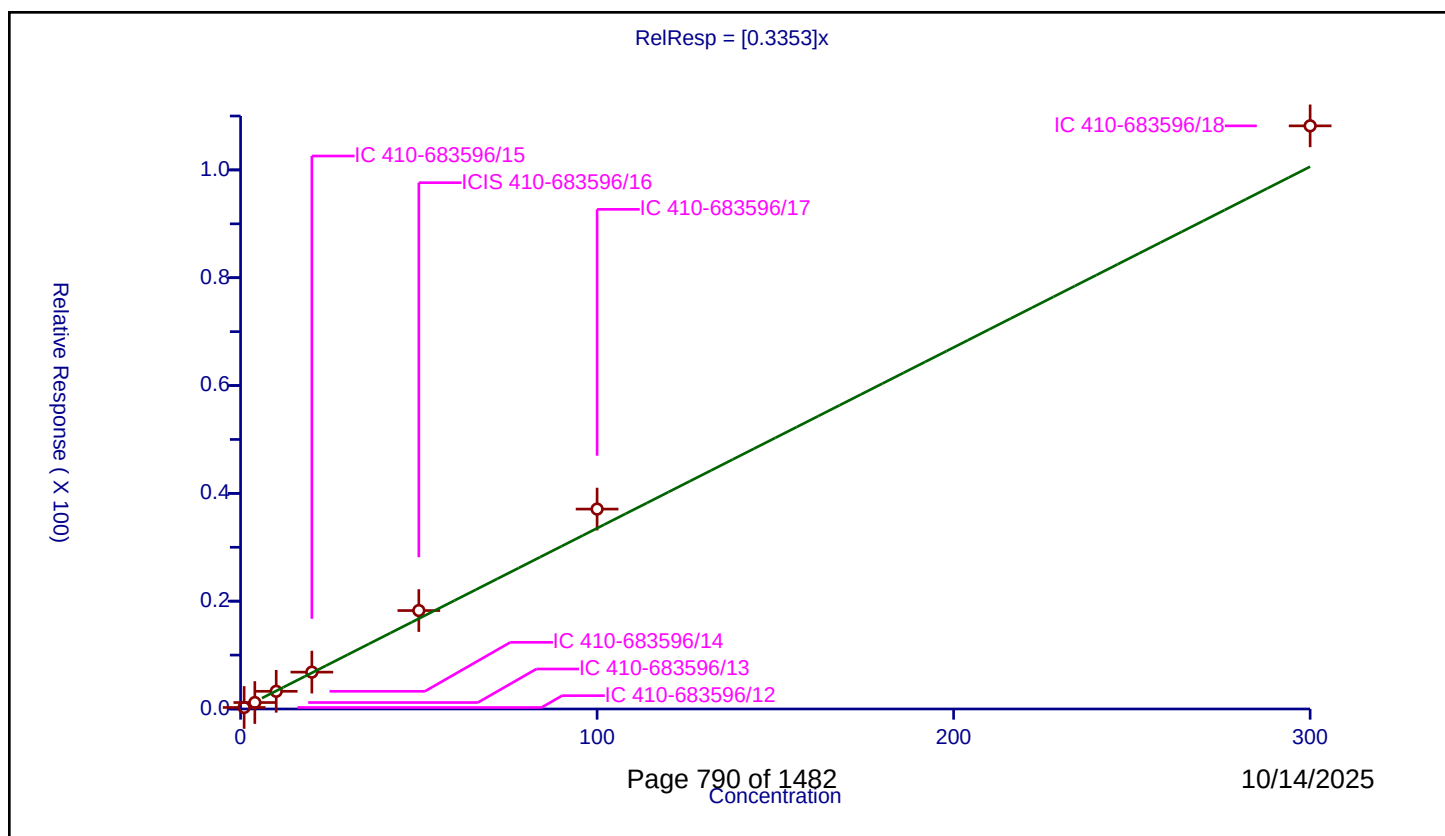
Curve Coefficients

Intercept: 0
Slope: 0.3353

Error Coefficients

Relative Standard Deviation: 10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.280531	50.0	1034825.0	0.280531	Y
2	IC 410-683596/13	4.0	1.200266	50.0	1060182.0	0.300066	Y
3	IC 410-683596/14	10.0	3.281775	50.0	1029260.0	0.328178	Y
4	IC 410-683596/15	20.0	6.837704	50.0	1058718.0	0.341885	Y
5	ICIS 410-683596/16	50.0	18.261965	50.0	1071785.0	0.365239	Y
6	IC 410-683596/17	100.0	37.0842	50.0	1063341.0	0.370842	Y
7	IC 410-683596/18	300.0	108.175125	50.0	1117567.0	0.360584	Y



Calibration

/ 2-Nitropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

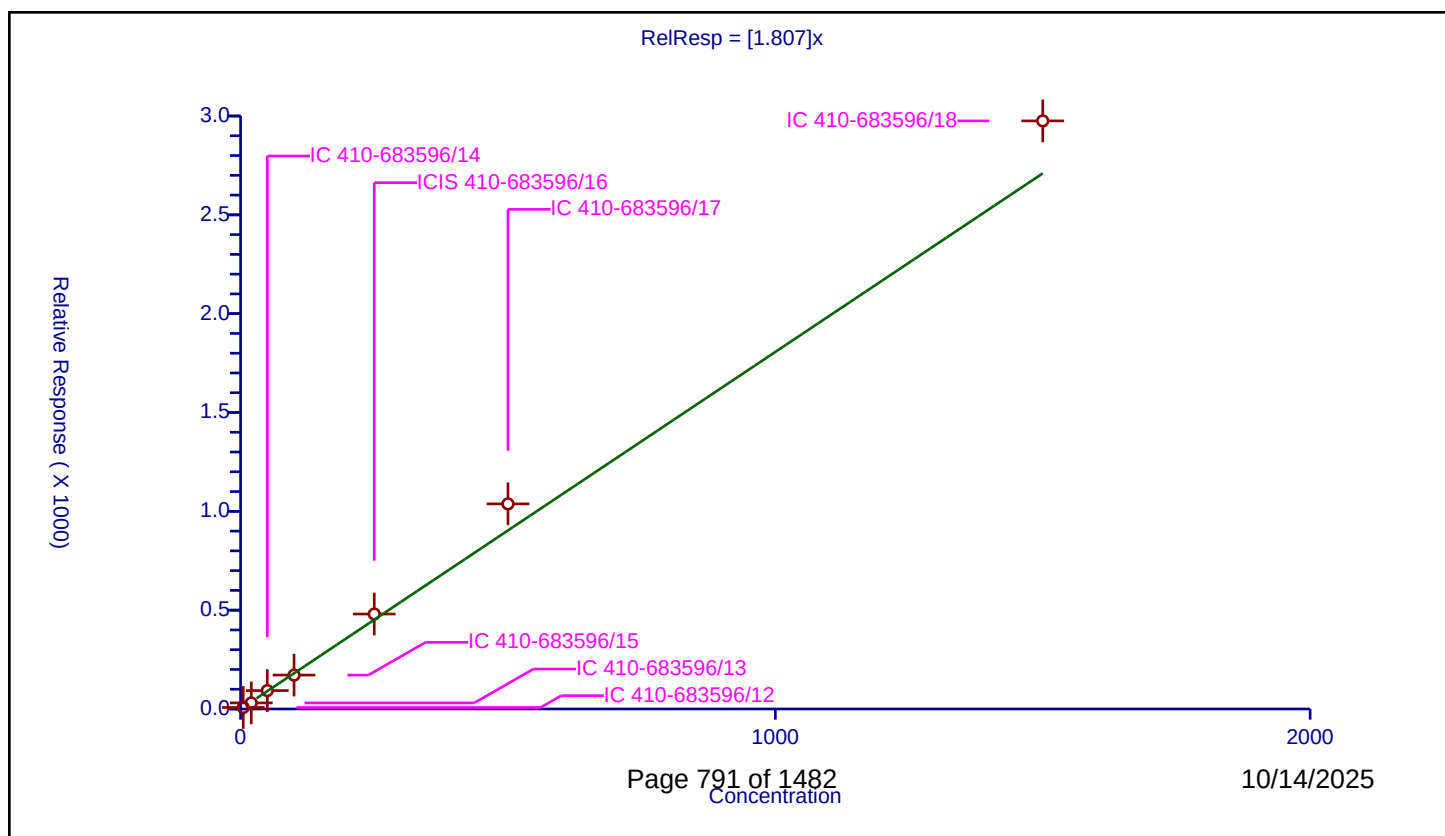
Curve Coefficients

Intercept: 0
 Slope: 1.807

Error Coefficients

Relative Standard Deviation: 11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	5.0	7.718311	250.0	363713.0	1.543662	Y
2	IC 410-683596/13	20.0	30.8753	250.0	392814.0	1.543765	Y
3	IC 410-683596/14	50.0	93.125559	250.0	353316.0	1.862511	Y
4	IC 410-683596/15	100.0	171.507632	250.0	387044.0	1.715076	Y
5	ICIS 410-683596/16	250.0	480.457501	250.0	357311.0	1.92183	Y
6	IC 410-683596/17	500.0	1037.628388	250.0	371043.0	2.075257	Y
7	IC 410-683596/18	1500.0	2975.28192	250.0	368101.0	1.983521	Y



Calibration

/ 2-Chloroethyl vinyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

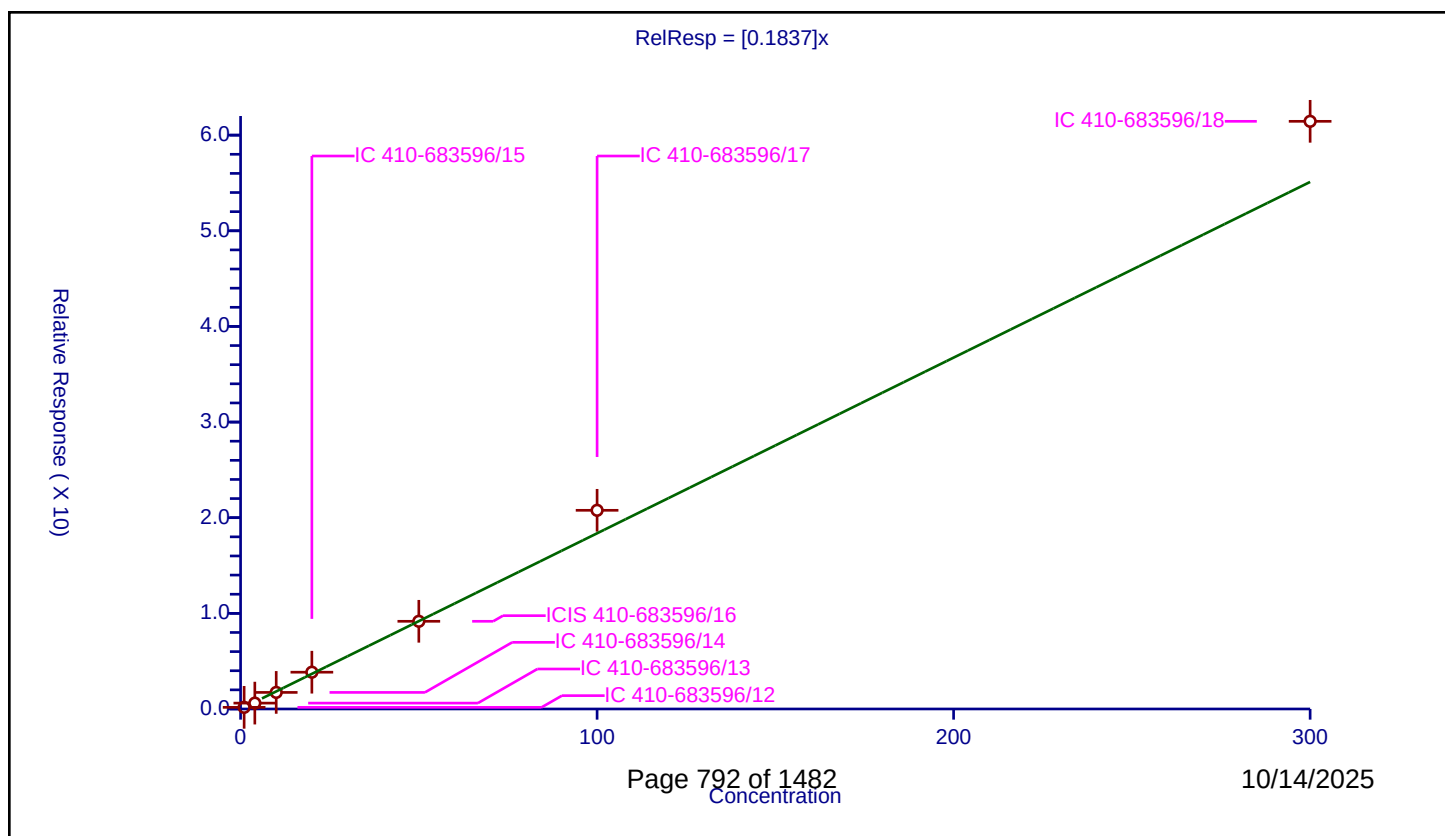
Curve Coefficients

Intercept: 0
Slope: 0.1837

Error Coefficients

Relative Standard Deviation: 10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.170415	50.0	1034825.0	0.170415	Y
2	IC 410-683596/13	4.0	0.614753	50.0	1060182.0	0.153688	Y
3	IC 410-683596/14	10.0	1.733964	50.0	1029260.0	0.173396	Y
4	IC 410-683596/15	20.0	3.847578	50.0	1058718.0	0.192379	Y
5	ICIS 410-683596/16	50.0	9.16933	50.0	1071785.0	0.183387	Y
6	IC 410-683596/17	100.0	20.773816	50.0	1063341.0	0.207738	Y
7	IC 410-683596/18	300.0	61.444772	50.0	1117567.0	0.204816	Y



Calibration

/ cis-1,3-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

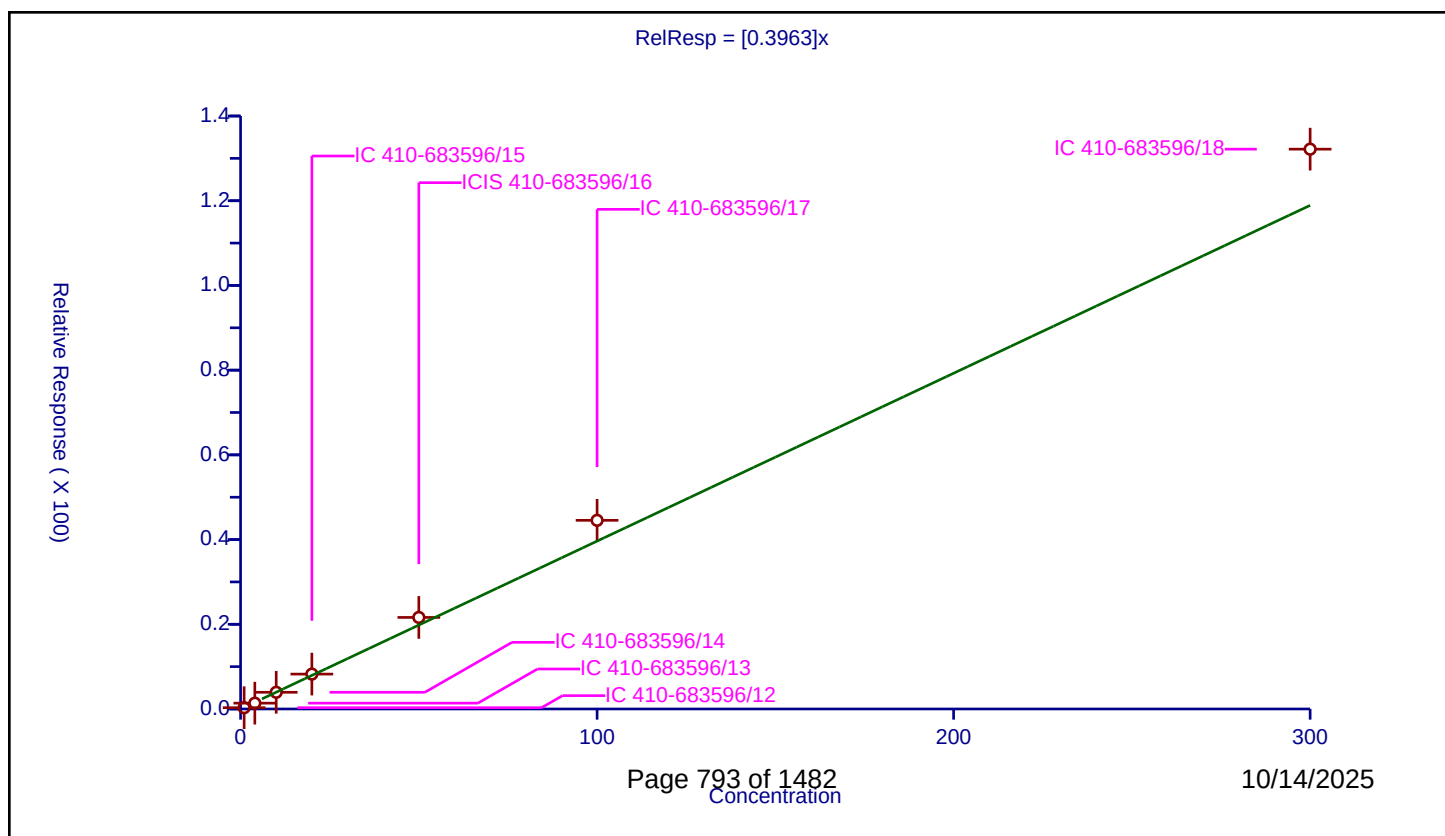
Curve Coefficients

Intercept: 0
Slope: 0.3963

Error Coefficients

Relative Standard Deviation: 13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.305124	50.0	1034825.0	0.305124	Y
2	IC 410-683596/13	4.0	1.376745	50.0	1060182.0	0.344186	Y
3	IC 410-683596/14	10.0	3.947205	50.0	1029260.0	0.39472	Y
4	IC 410-683596/15	20.0	8.240532	50.0	1058718.0	0.412027	Y
5	ICIS 410-683596/16	50.0	21.617629	50.0	1071785.0	0.432353	Y
6	IC 410-683596/17	100.0	44.540745	50.0	1063341.0	0.445407	Y
7	IC 410-683596/18	300.0	132.17127	50.0	1117567.0	0.440571	Y



Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

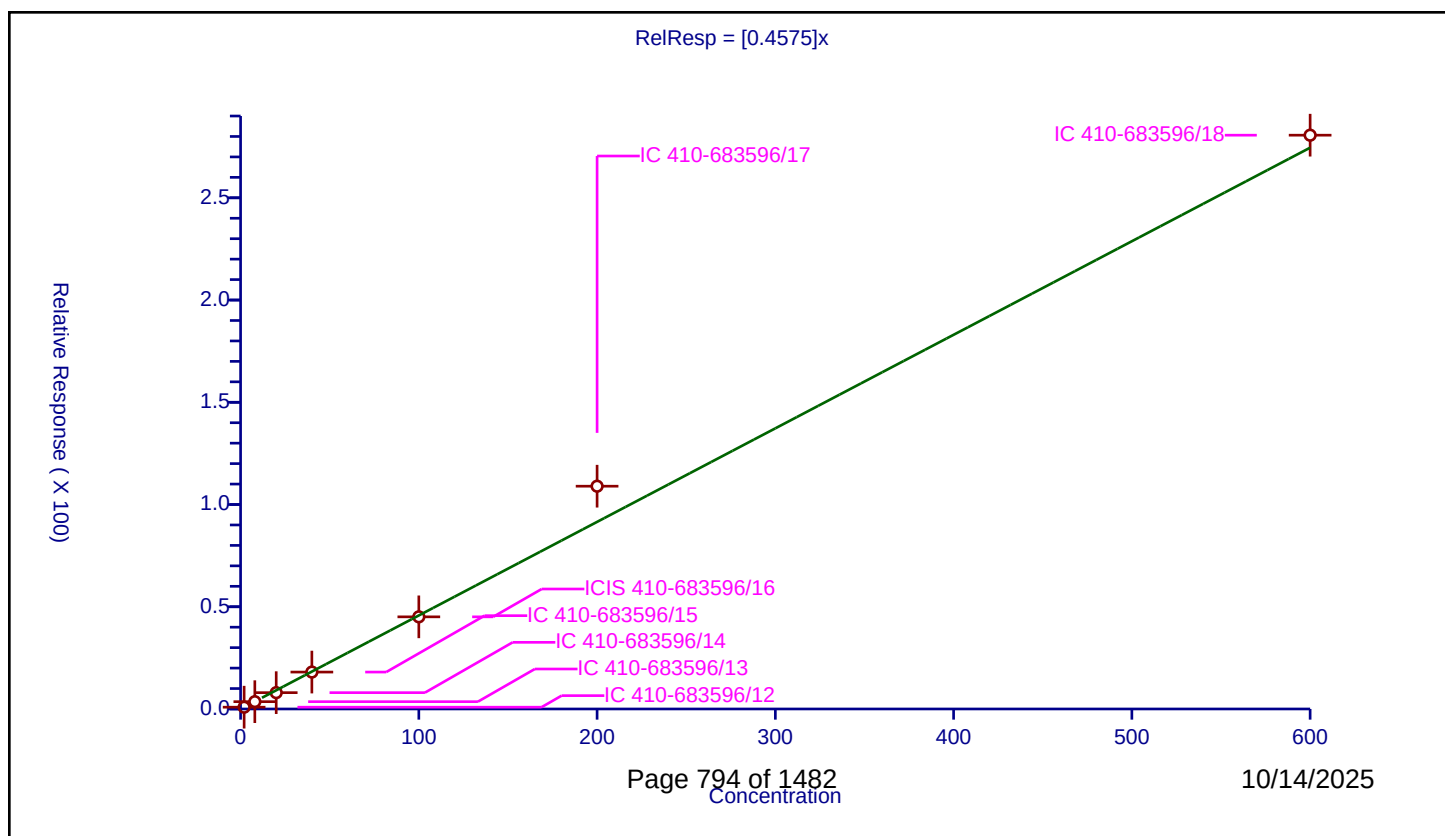
Curve Coefficients

Intercept: 0
 Slope: 0.4575

Error Coefficients

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	2.0	0.882275	50.0	1034825.0	0.441137	Y
2	IC 410-683596/13	8.0	3.582168	50.0	1060182.0	0.447771	Y
3	IC 410-683596/14	20.0	7.983648	50.0	1029260.0	0.399182	Y
4	IC 410-683596/15	40.0	18.05221	50.0	1058718.0	0.451305	Y
5	ICIS 410-683596/16	100.0	45.0693	50.0	1071785.0	0.450693	Y
6	IC 410-683596/17	200.0	108.958227	50.0	1063341.0	0.544791	Y
7	IC 410-683596/18	600.0	280.618791	50.0	1117567.0	0.467698	Y



Calibration

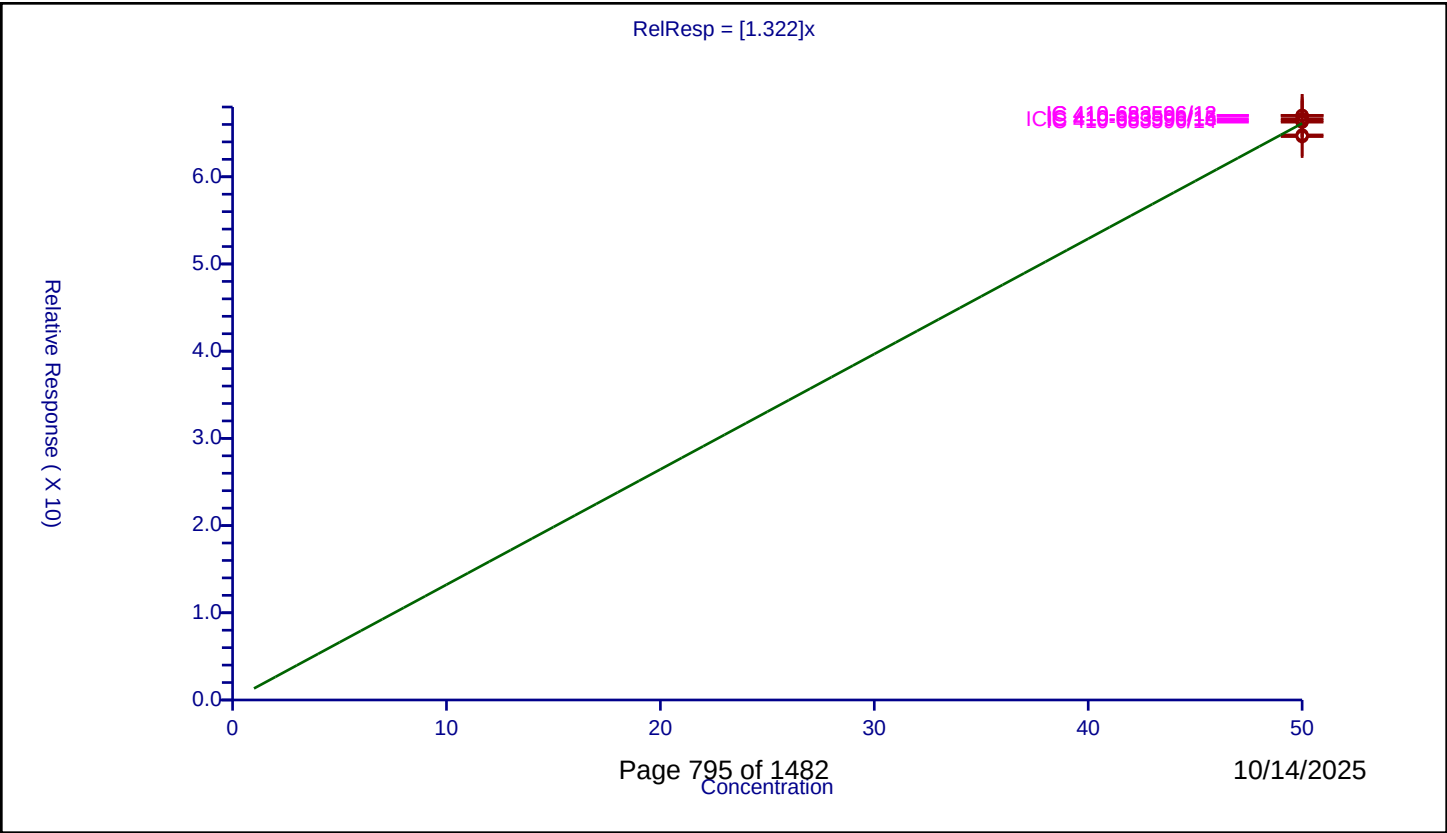
/ Toluene-d8 (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.322

Error Coefficients	
Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	50.0	67.017825	50.0	733951.0	1.340357	Y
2	IC 410-683596/13	50.0	67.045621	50.0	758183.0	1.340912	Y
3	IC 410-683596/14	50.0	66.262063	50.0	742332.0	1.325241	Y
4	IC 410-683596/15	50.0	66.666754	50.0	767114.0	1.333335	Y
5	ICIS 410-683596/16	50.0	66.448661	50.0	790651.0	1.328973	Y
6	IC 410-683596/17	50.0	64.796802	50.0	816886.0	1.295936	Y
7	IC 410-683596/18	50.0	64.607828	50.0	875777.0	1.292157	Y



Calibration

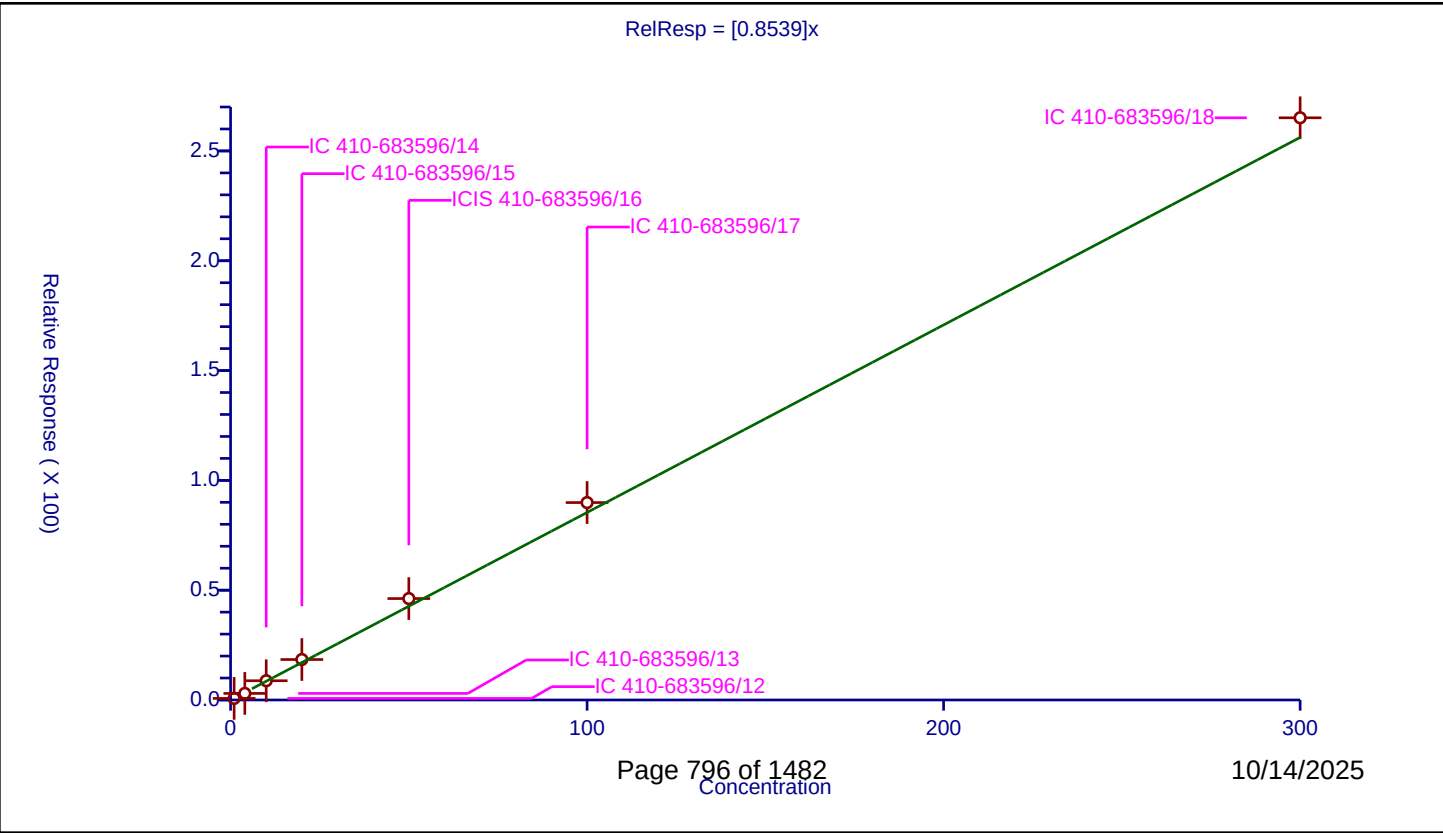
/ Toluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8539
Error Coefficients	

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.724912	50.0	733951.0	0.724912	Y
2	IC 410-683596/13	4.0	2.993538	50.0	758183.0	0.748385	Y
3	IC 410-683596/14	10.0	8.763397	50.0	742332.0	0.87634	Y
4	IC 410-683596/15	20.0	18.423728	50.0	767114.0	0.921186	Y
5	ICIS 410-683596/16	50.0	46.180679	50.0	790651.0	0.923614	Y
6	IC 410-683596/17	100.0	89.89553	50.0	816886.0	0.898955	Y
7	IC 410-683596/18	300.0	265.099906	50.0	875777.0	0.883666	Y



Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

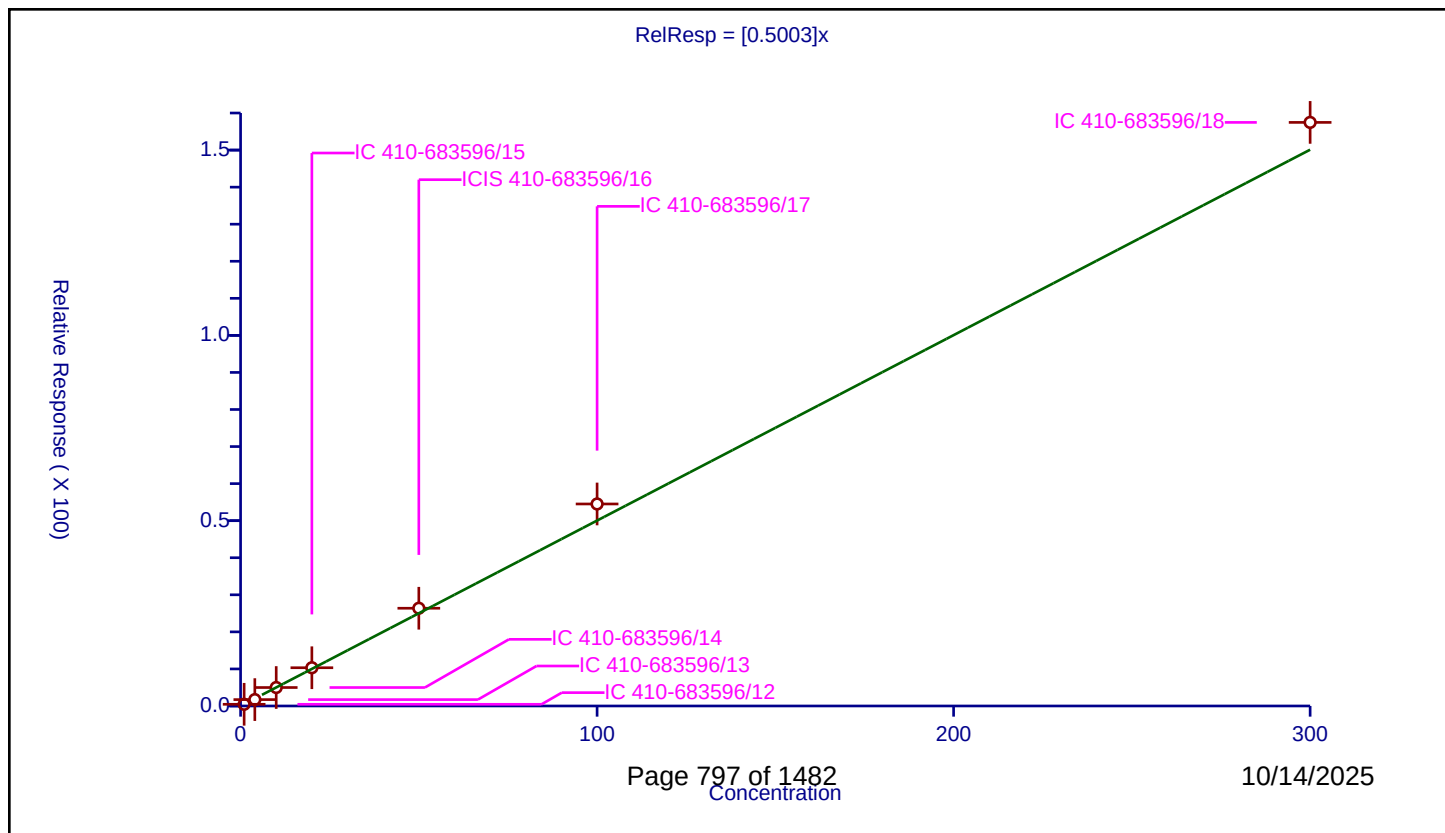
Curve Coefficients

Intercept: 0
Slope: 0.5003

Error Coefficients

Relative Standard Deviation: 8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.459159	50.0	733951.0	0.459159	Y
2	IC 410-683596/13	4.0	1.725639	50.0	758183.0	0.43141	Y
3	IC 410-683596/14	10.0	4.983013	50.0	742332.0	0.498301	Y
4	IC 410-683596/15	20.0	10.320435	50.0	767114.0	0.516022	Y
5	ICIS 410-683596/16	50.0	26.371496	50.0	790651.0	0.52743	Y
6	IC 410-683596/17	100.0	54.50883	50.0	816886.0	0.545088	Y
7	IC 410-683596/18	300.0	157.46657	50.0	875777.0	0.524889	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

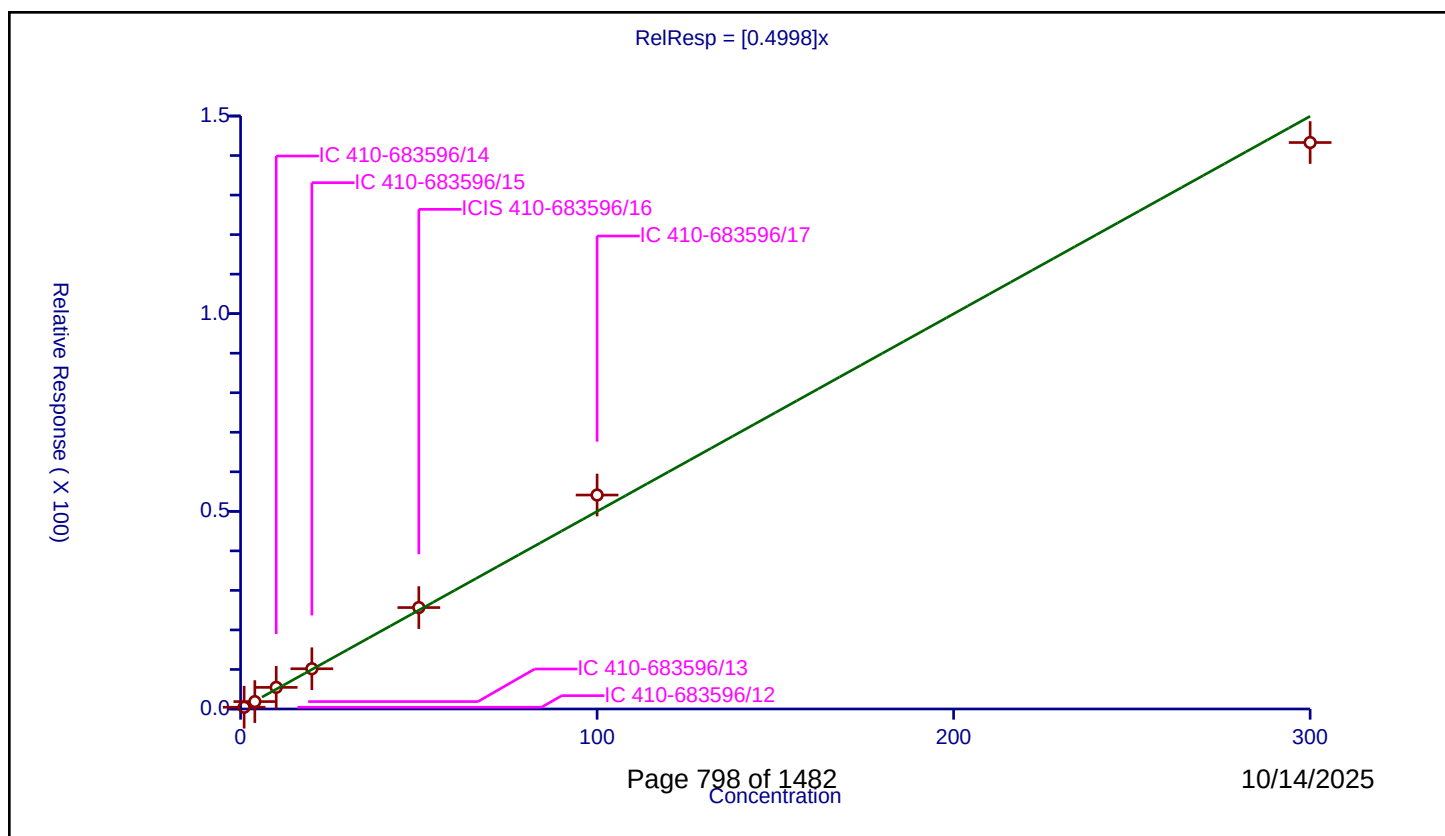
Curve Coefficients

Intercept: 0
Slope: 0.4998

Error Coefficients

Relative Standard Deviation: 7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.443286	50.0	733951.0	0.443286	Y
2	IC 410-683596/13	4.0	1.870788	50.0	758183.0	0.467697	Y
3	IC 410-683596/14	10.0	5.466624	50.0	742332.0	0.546662	Y
4	IC 410-683596/15	20.0	10.175737	50.0	767114.0	0.508787	Y
5	ICIS 410-683596/16	50.0	25.660121	50.0	790651.0	0.513202	Y
6	IC 410-683596/17	100.0	54.124933	50.0	816886.0	0.541249	Y
7	IC 410-683596/18	300.0	143.292756	50.0	875777.0	0.477643	Y



Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

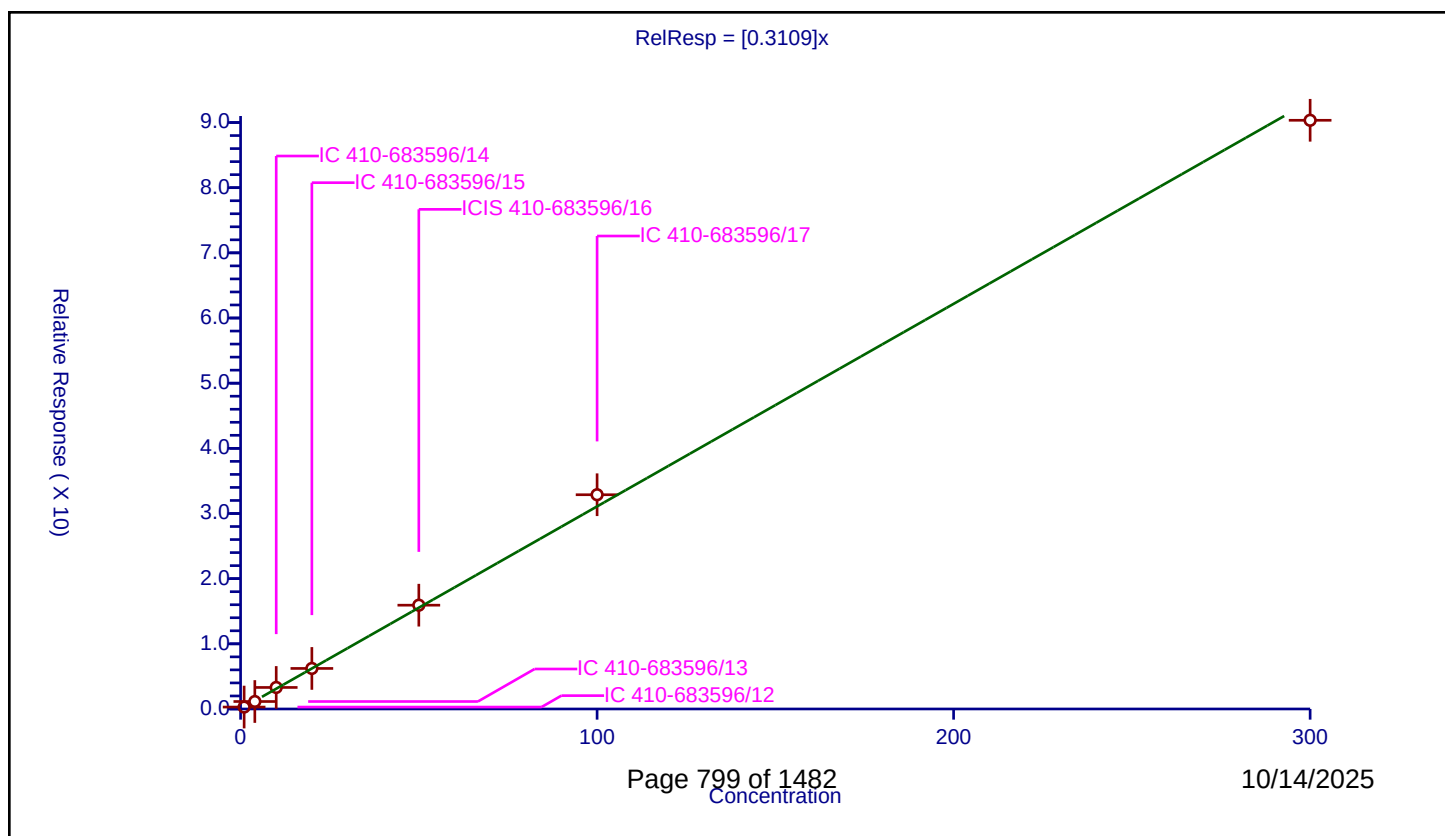
Curve Coefficients

Intercept: 0
Slope: 0.3109

Error Coefficients

Relative Standard Deviation: 5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.298658	50.0	733951.0	0.298658	Y
2	IC 410-683596/13	4.0	1.148272	50.0	758183.0	0.287068	Y
3	IC 410-683596/14	10.0	3.306337	50.0	742332.0	0.330634	Y
4	IC 410-683596/15	20.0	6.223195	50.0	767114.0	0.31116	Y
5	ICIS 410-683596/16	50.0	15.931429	50.0	790651.0	0.318629	Y
6	IC 410-683596/17	100.0	32.881883	50.0	816886.0	0.328819	Y
7	IC 410-683596/18	300.0	90.343718	50.0	875777.0	0.301146	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

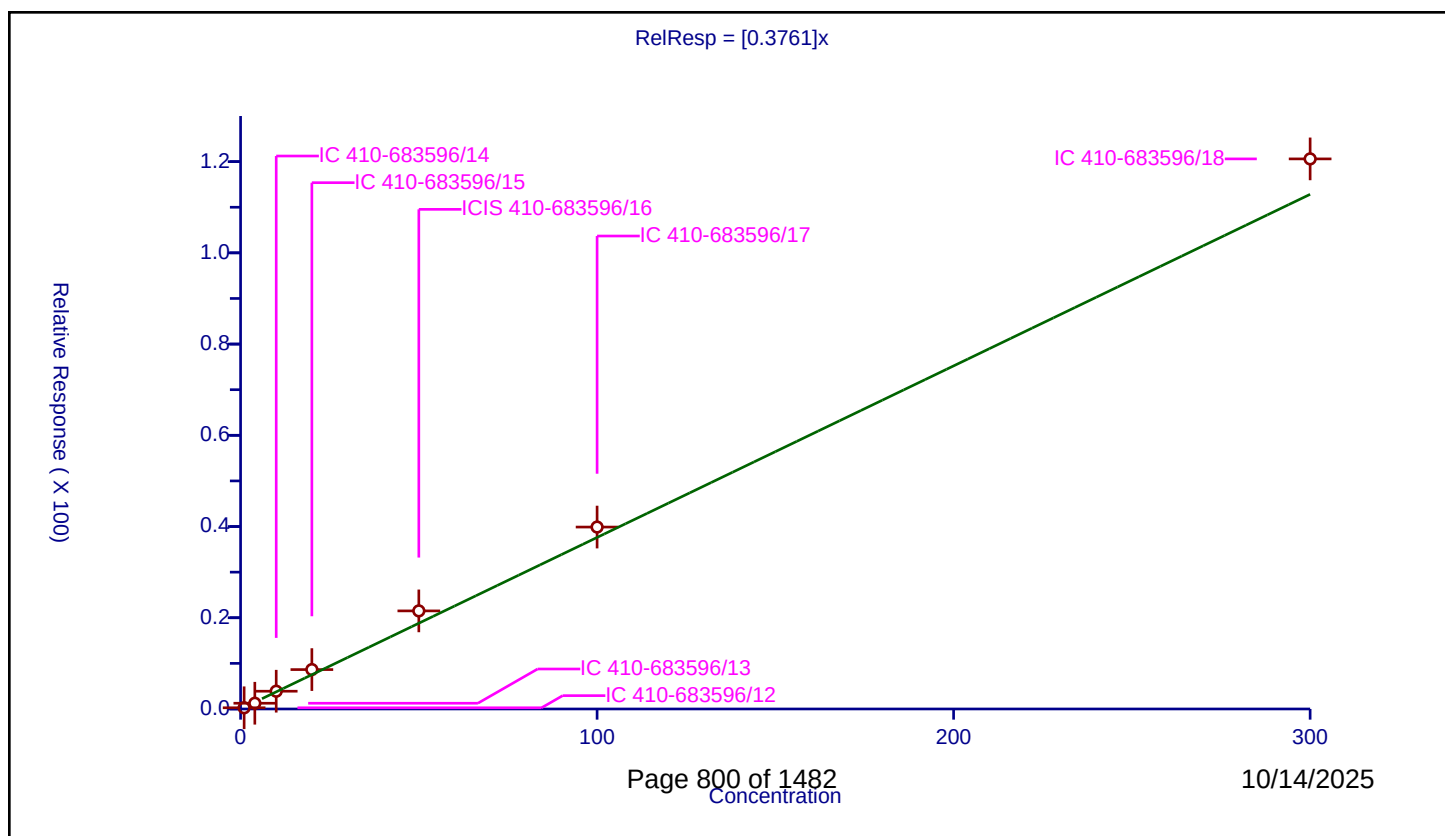
Curve Coefficients

Intercept: 0
Slope: 0.3761

Error Coefficients

Relative Standard Deviation: 16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.26514	50.0	733951.0	0.26514	Y
2	IC 410-683596/13	4.0	1.259261	50.0	758183.0	0.314815	Y
3	IC 410-683596/14	10.0	3.897178	50.0	742332.0	0.389718	Y
4	IC 410-683596/15	20.0	8.640632	50.0	767114.0	0.432032	Y
5	ICIS 410-683596/16	50.0	21.504115	50.0	790651.0	0.430082	Y
6	IC 410-683596/17	100.0	39.887389	50.0	816886.0	0.398874	Y
7	IC 410-683596/18	300.0	120.601078	50.0	875777.0	0.402004	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

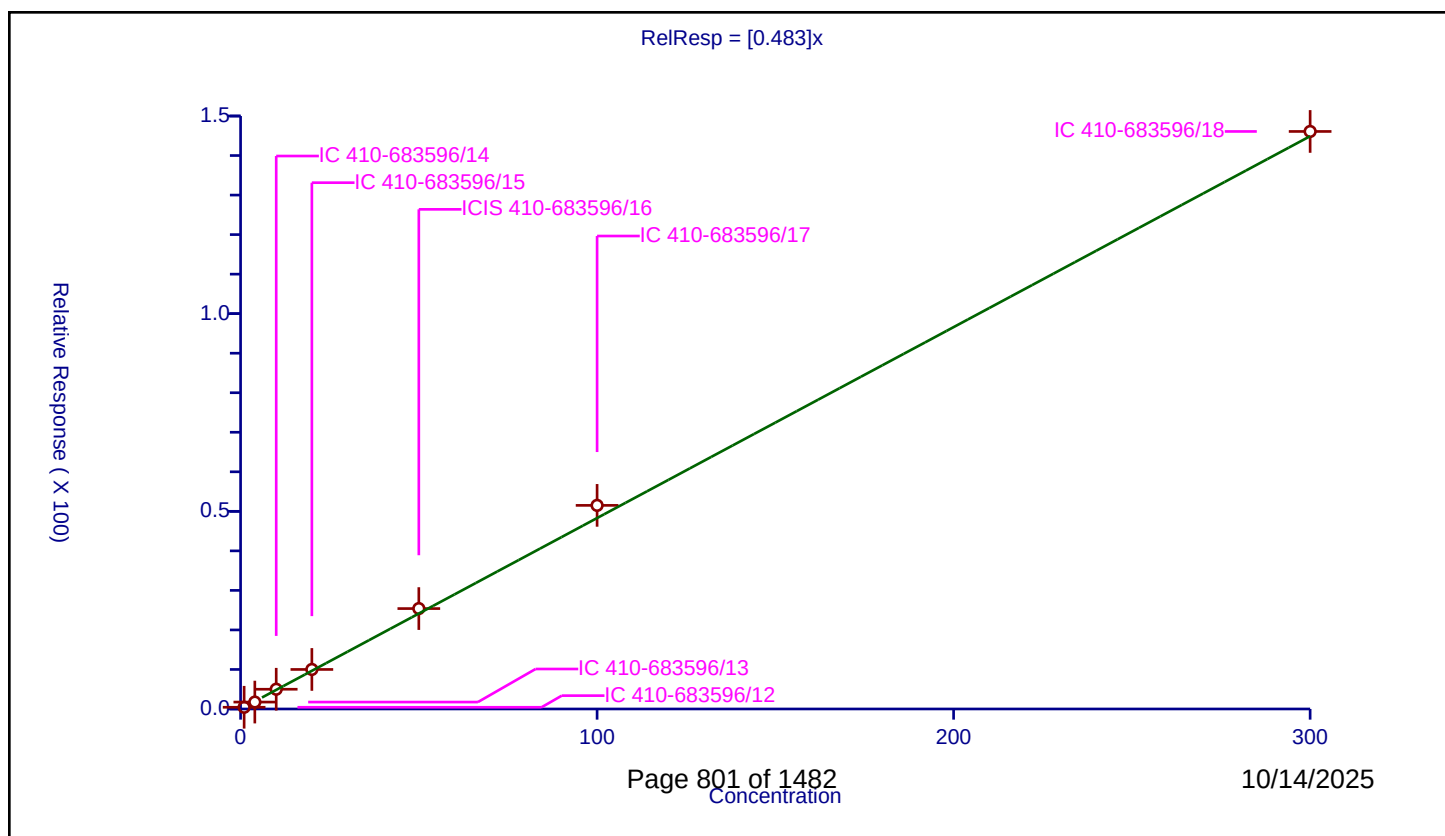
Curve Coefficients

Intercept: 0
 Slope: 0.483

Error Coefficients

Relative Standard Deviation: 6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.434157	50.0	733951.0	0.434157	Y
2	IC 410-683596/13	4.0	1.747269	50.0	758183.0	0.436817	Y
3	IC 410-683596/14	10.0	4.996147	50.0	742332.0	0.499615	Y
4	IC 410-683596/15	20.0	10.003728	50.0	767114.0	0.500186	Y
5	ICIS 410-683596/16	50.0	25.402864	50.0	790651.0	0.508057	Y
6	IC 410-683596/17	100.0	51.504249	50.0	816886.0	0.515042	Y
7	IC 410-683596/18	300.0	146.095467	50.0	875777.0	0.486985	Y



Calibration

/ 2-Hexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

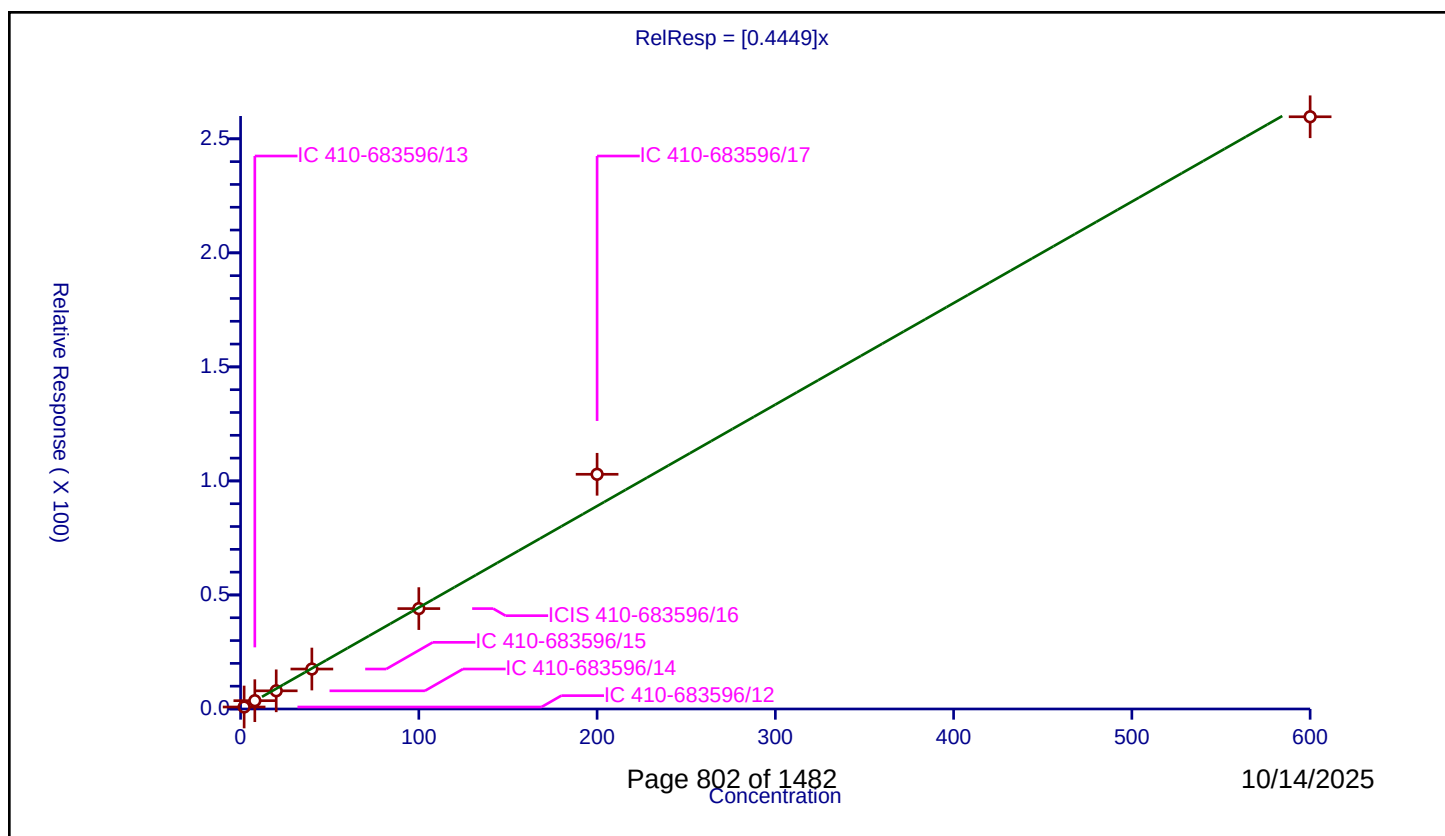
Curve Coefficients

Intercept: 0
Slope: 0.4449

Error Coefficients

Relative Standard Deviation: 7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	2.0	0.871175	50.0	733951.0	0.435588	Y
2	IC 410-683596/13	8.0	3.639425	50.0	758183.0	0.454928	Y
3	IC 410-683596/14	20.0	7.968335	50.0	742332.0	0.398417	Y
4	IC 410-683596/15	40.0	17.518713	50.0	767114.0	0.437968	Y
5	ICIS 410-683596/16	100.0	44.014363	50.0	790651.0	0.440144	Y
6	IC 410-683596/17	200.0	102.916135	50.0	816886.0	0.514581	Y
7	IC 410-683596/18	600.0	259.667472	50.0	875777.0	0.432779	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

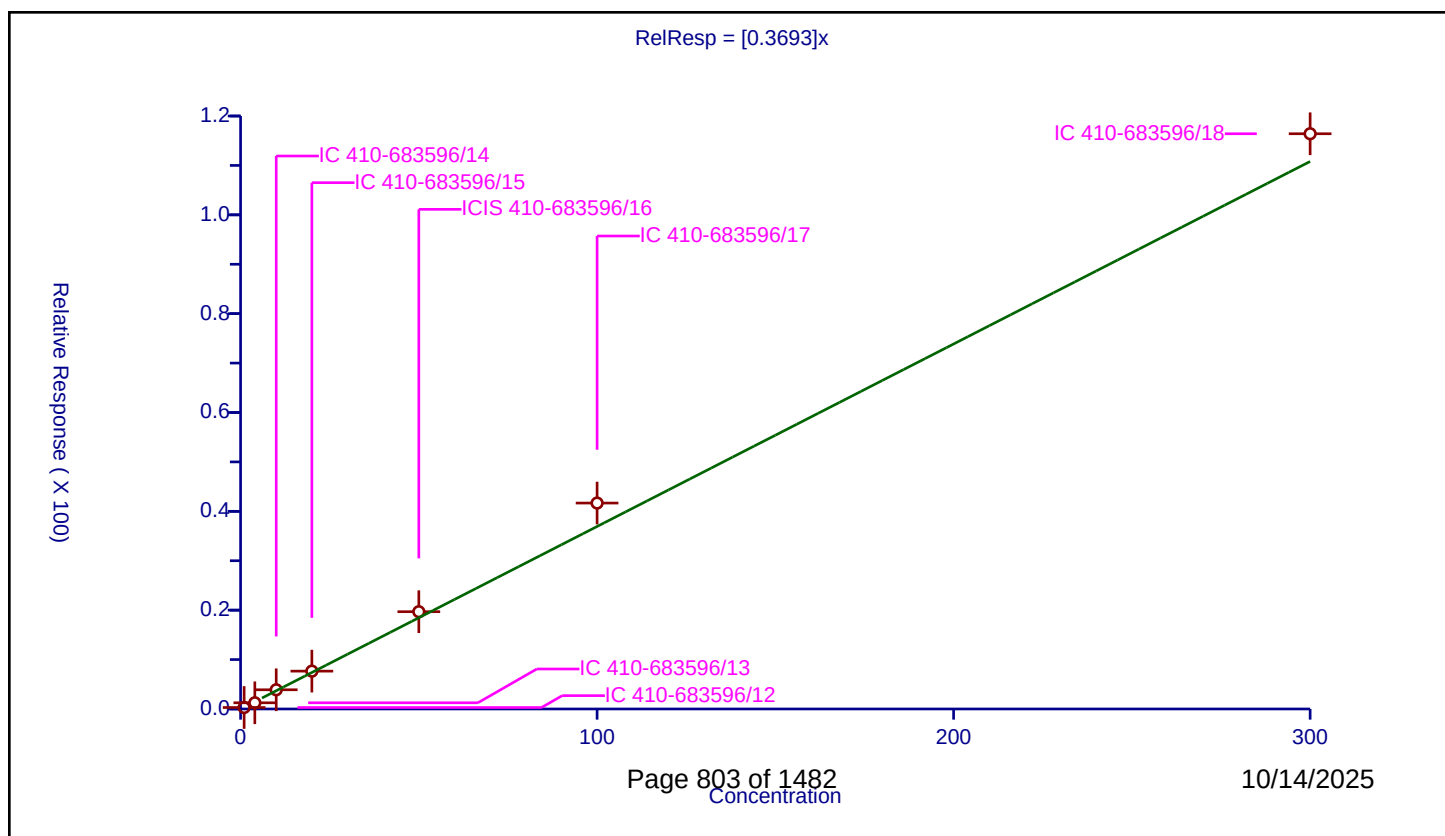
Curve Coefficients

Intercept: 0
Slope: 0.3693

Error Coefficients

Relative Standard Deviation: 11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.301042	50.0	733951.0	0.301042	Y
2	IC 410-683596/13	4.0	1.256689	50.0	758183.0	0.314172	Y
3	IC 410-683596/14	10.0	3.886401	50.0	742332.0	0.38864	Y
4	IC 410-683596/15	20.0	7.657923	50.0	767114.0	0.382896	Y
5	ICIS 410-683596/16	50.0	19.689092	50.0	790651.0	0.393782	Y
6	IC 410-683596/17	100.0	41.675766	50.0	816886.0	0.416758	Y
7	IC 410-683596/18	300.0	116.412055	50.0	875777.0	0.38804	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

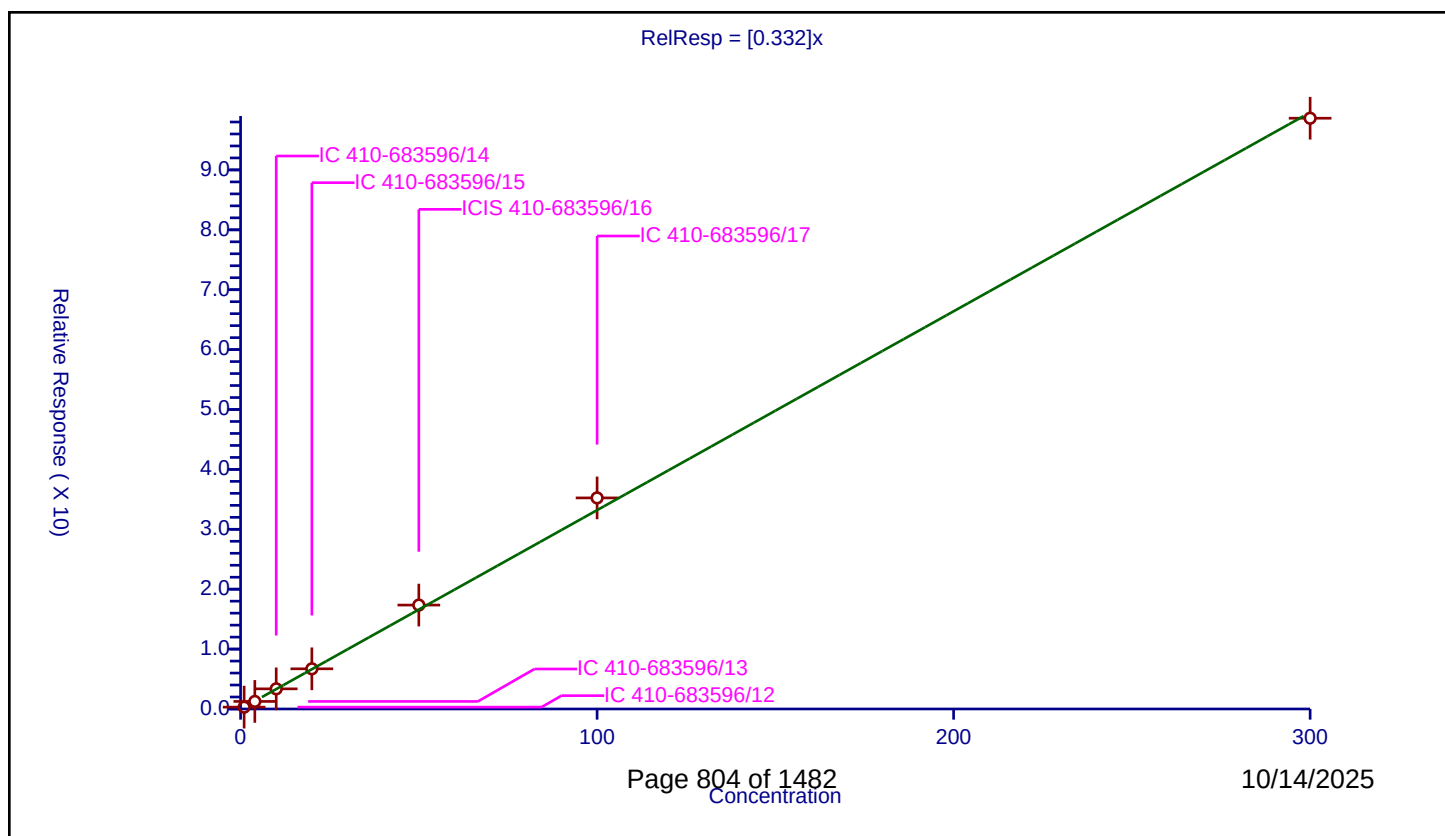
Curve Coefficients

Intercept: 0
Slope: 0.332

Error Coefficients

Relative Standard Deviation: 4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.308944	50.0	733951.0	0.308944	Y
2	IC 410-683596/13	4.0	1.260448	50.0	758183.0	0.315112	Y
3	IC 410-683596/14	10.0	3.364398	50.0	742332.0	0.33644	Y
4	IC 410-683596/15	20.0	6.705587	50.0	767114.0	0.335279	Y
5	ICIS 410-683596/16	50.0	17.346149	50.0	790651.0	0.346923	Y
6	IC 410-683596/17	100.0	35.241882	50.0	816886.0	0.352419	Y
7	IC 410-683596/18	300.0	98.631101	50.0	875777.0	0.32877	Y



Calibration

/ 1-Chlorohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

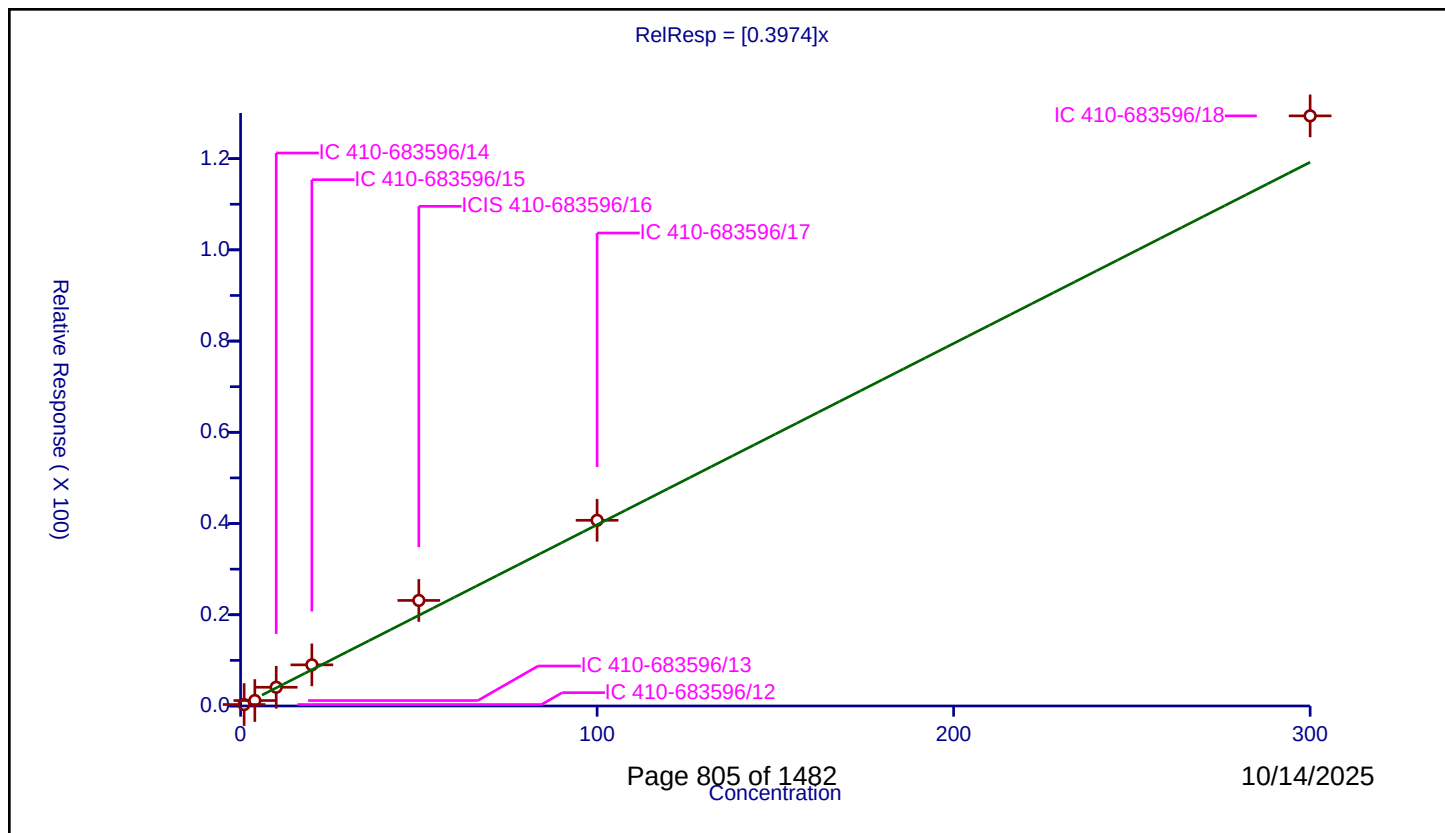
Curve Coefficients

Intercept: 0
 Slope: 0.3974

Error Coefficients

Relative Standard Deviation: 16.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.320594	50.0	733951.0	0.320594	Y
2	IC 410-683596/13	4.0	1.192654	50.0	758183.0	0.298164	Y
3	IC 410-683596/14	10.0	4.106855	50.0	742332.0	0.410686	Y
4	IC 410-683596/15	20.0	9.019194	50.0	767114.0	0.45096	Y
5	ICIS 410-683596/16	50.0	23.143776	50.0	790651.0	0.462876	Y
6	IC 410-683596/17	100.0	40.710148	50.0	816886.0	0.407101	Y
7	IC 410-683596/18	300.0	129.37403	50.0	875777.0	0.431247	Y



Calibration

/ Chlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

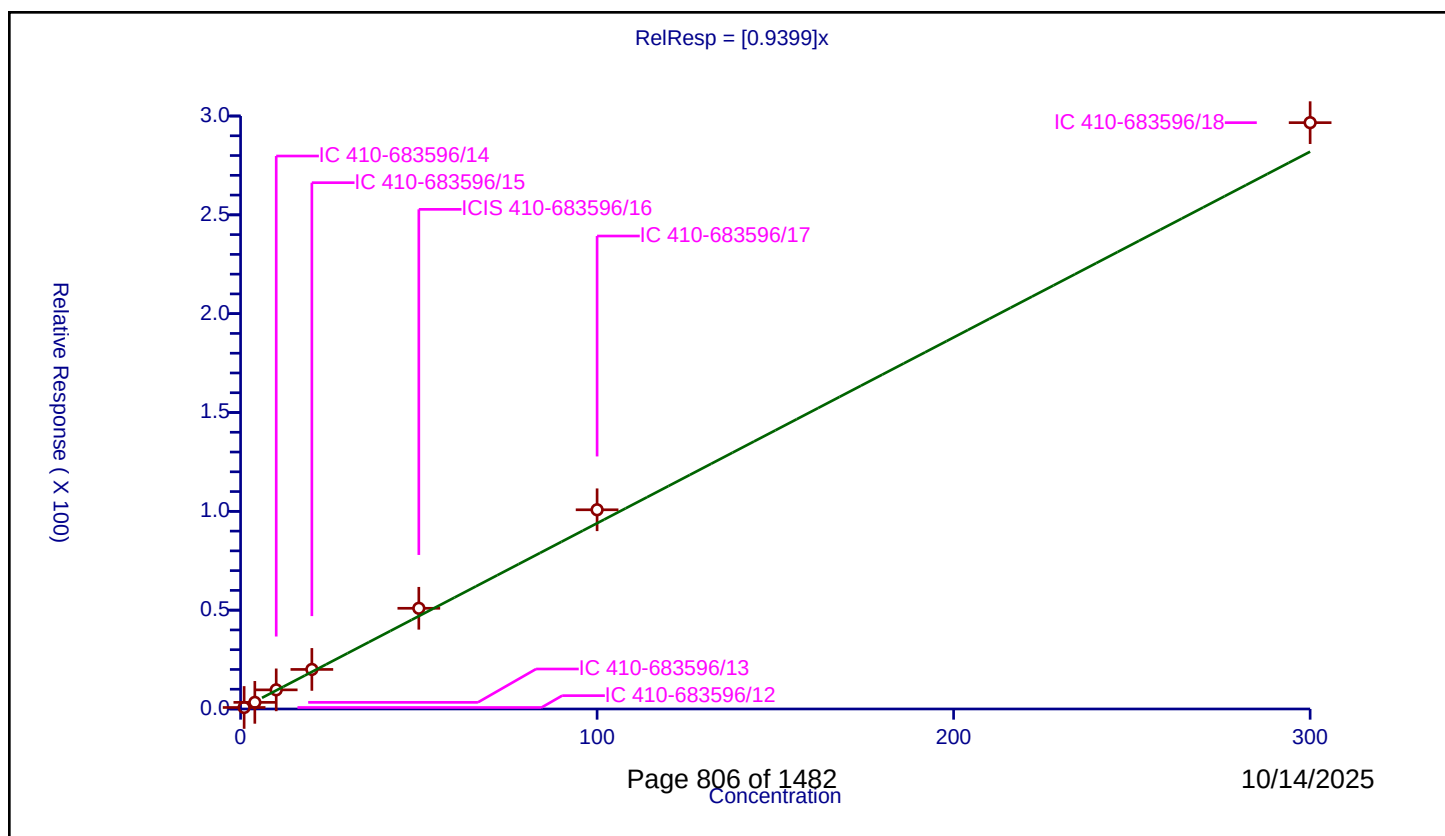
Curve Coefficients

Intercept: 0
Slope: 0.9399

Error Coefficients

Relative Standard Deviation: 10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.756931	50.0	733951.0	0.756931	Y
2	IC 410-683596/13	4.0	3.350115	50.0	758183.0	0.837529	Y
3	IC 410-683596/14	10.0	9.68273	50.0	742332.0	0.968273	Y
4	IC 410-683596/15	20.0	20.011758	50.0	767114.0	1.000588	Y
5	ICIS 410-683596/16	50.0	50.953328	50.0	790651.0	1.019067	Y
6	IC 410-683596/17	100.0	100.78279	50.0	816886.0	1.007828	Y
7	IC 410-683596/18	300.0	296.643209	50.0	875777.0	0.988811	Y



Calibration

/ 1,1,1,2-Tetrachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

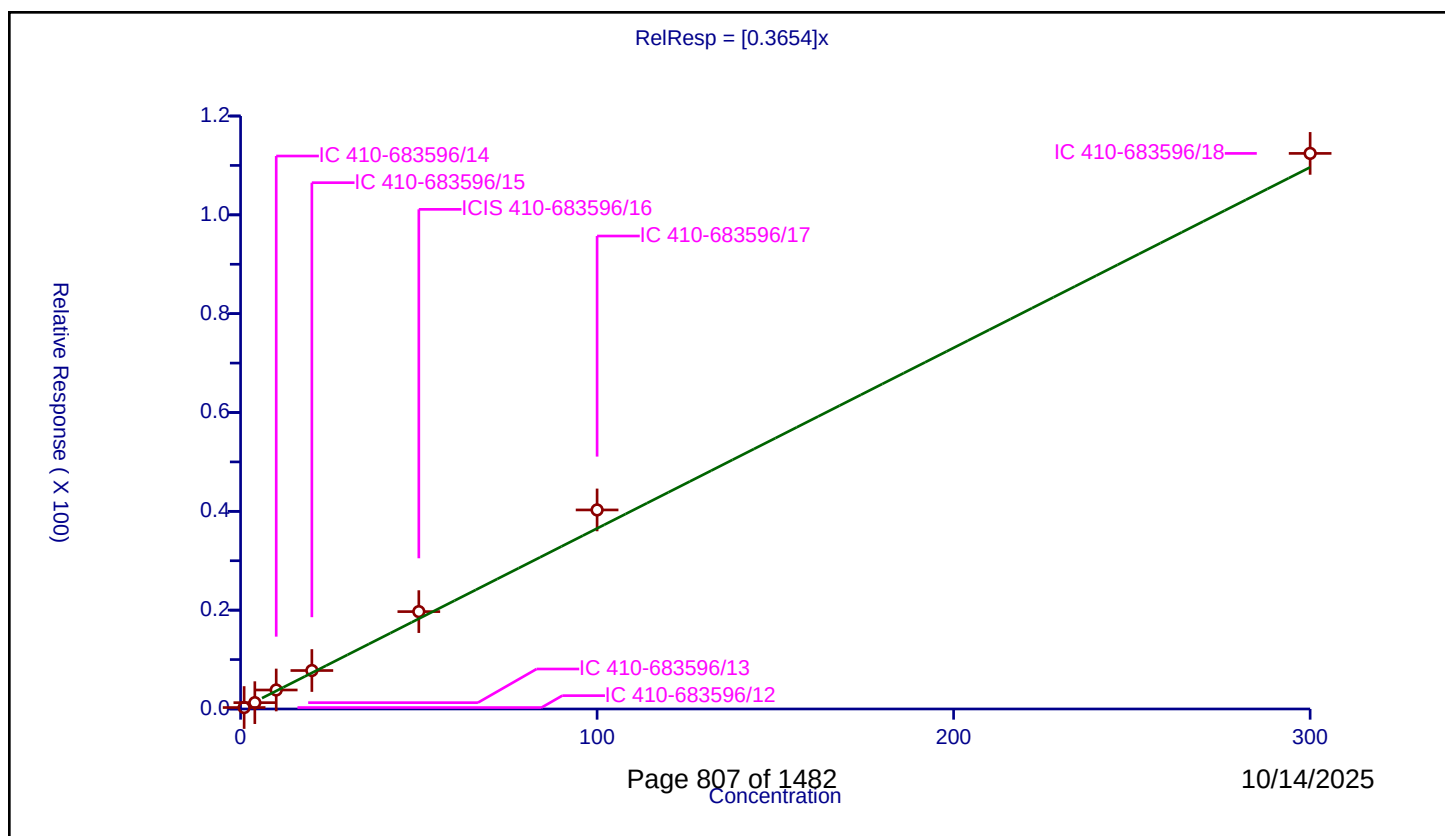
Curve Coefficients

Intercept: 0
Slope: 0.3654

Error Coefficients

Relative Standard Deviation: 11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.292049	50.0	733951.0	0.292049	Y
2	IC 410-683596/13	4.0	1.281221	50.0	758183.0	0.320305	Y
3	IC 410-683596/14	10.0	3.845584	50.0	742332.0	0.384558	Y
4	IC 410-683596/15	20.0	7.784697	50.0	767114.0	0.389235	Y
5	ICIS 410-683596/16	50.0	19.707178	50.0	790651.0	0.394144	Y
6	IC 410-683596/17	100.0	40.280039	50.0	816886.0	0.4028	Y
7	IC 410-683596/18	300.0	112.432274	50.0	875777.0	0.374774	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

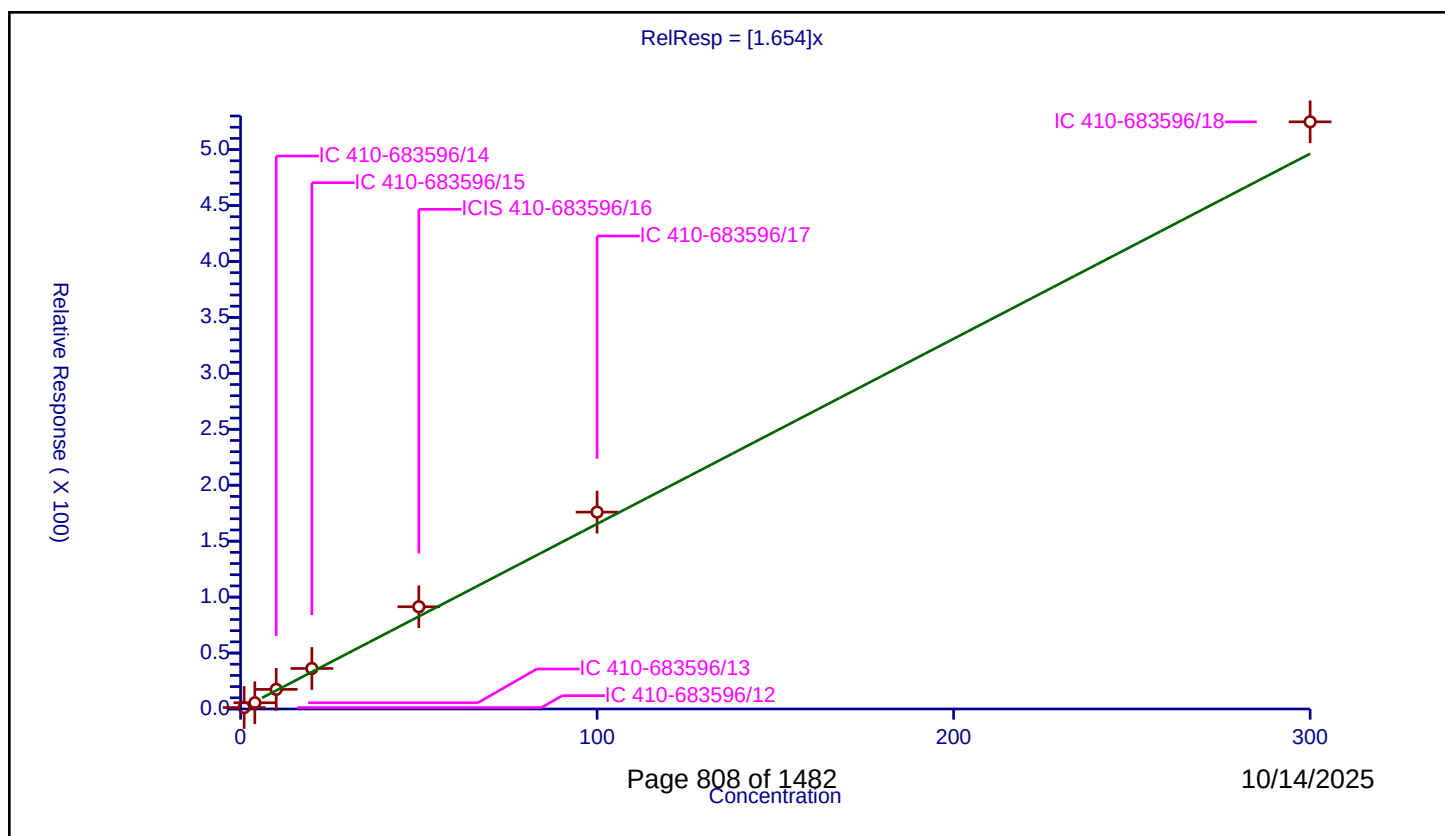
Curve Coefficients

Intercept: 0
Slope: 1.654

Error Coefficients

Relative Standard Deviation: 13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.291367	50.0	733951.0	1.291367	Y
2	IC 410-683596/13	4.0	5.557695	50.0	758183.0	1.389424	Y
3	IC 410-683596/14	10.0	17.533934	50.0	742332.0	1.753393	Y
4	IC 410-683596/15	20.0	36.208634	50.0	767114.0	1.810432	Y
5	ICIS 410-683596/16	50.0	91.369517	50.0	790651.0	1.82739	Y
6	IC 410-683596/17	100.0	175.952581	50.0	816886.0	1.759526	Y
7	IC 410-683596/18	300.0	524.806429	50.0	875777.0	1.749355	Y



Calibration

/ m-Xylene & p-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

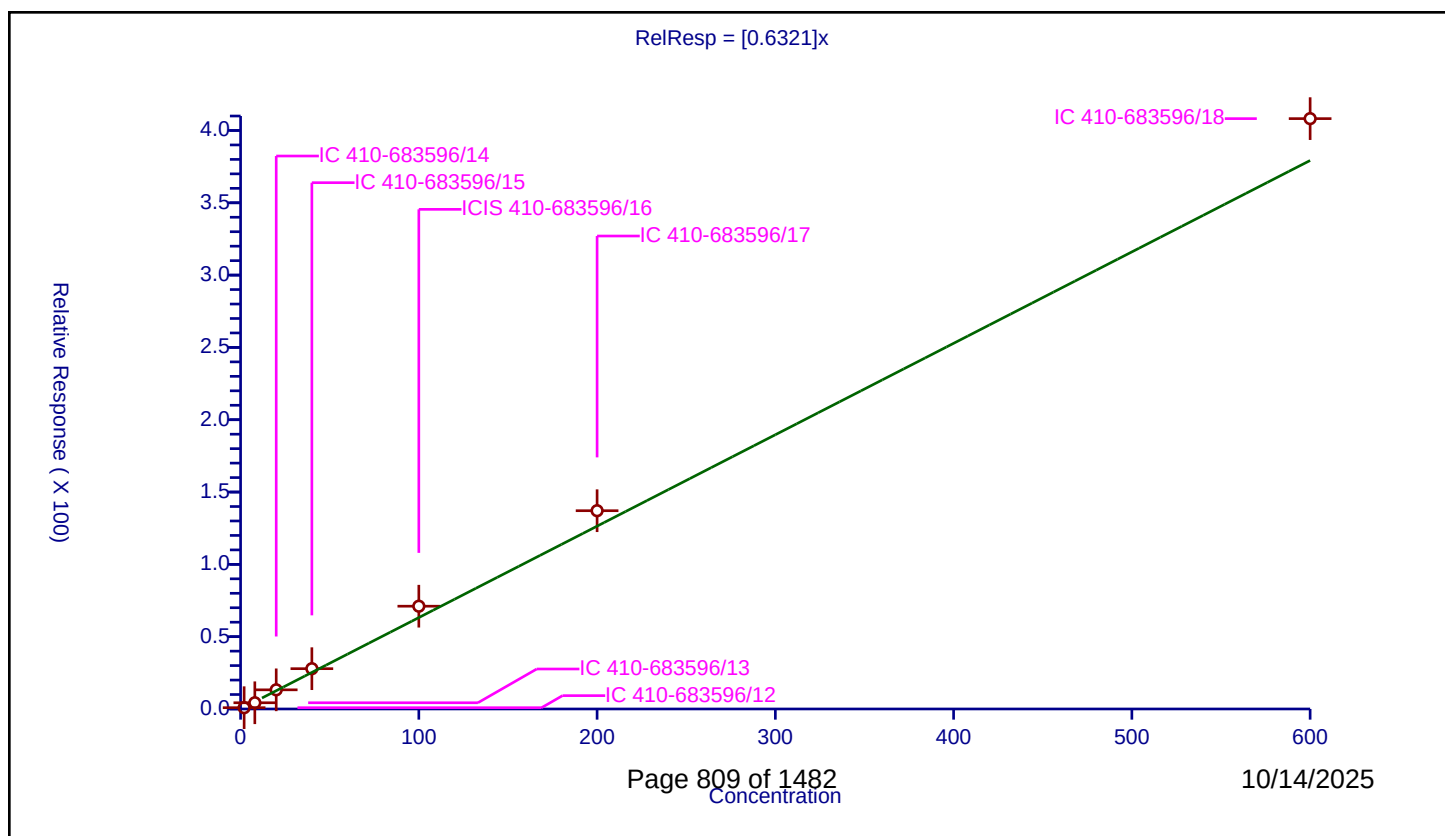
Curve Coefficients

Intercept: 0
Slope: 0.6321

Error Coefficients

Relative Standard Deviation: 15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	2.0	0.899583	50.0	733951.0	0.449792	Y
2	IC 410-683596/13	8.0	4.311294	50.0	758183.0	0.538912	Y
3	IC 410-683596/14	20.0	13.255322	50.0	742332.0	0.662766	Y
4	IC 410-683596/15	40.0	27.861048	50.0	767114.0	0.696526	Y
5	ICIS 410-683596/16	100.0	71.07137	50.0	790651.0	0.710714	Y
6	IC 410-683596/17	200.0	137.104994	50.0	816886.0	0.685525	Y
7	IC 410-683596/18	600.0	408.197121	50.0	875777.0	0.680329	Y



Calibration

/ n-Butyl acrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

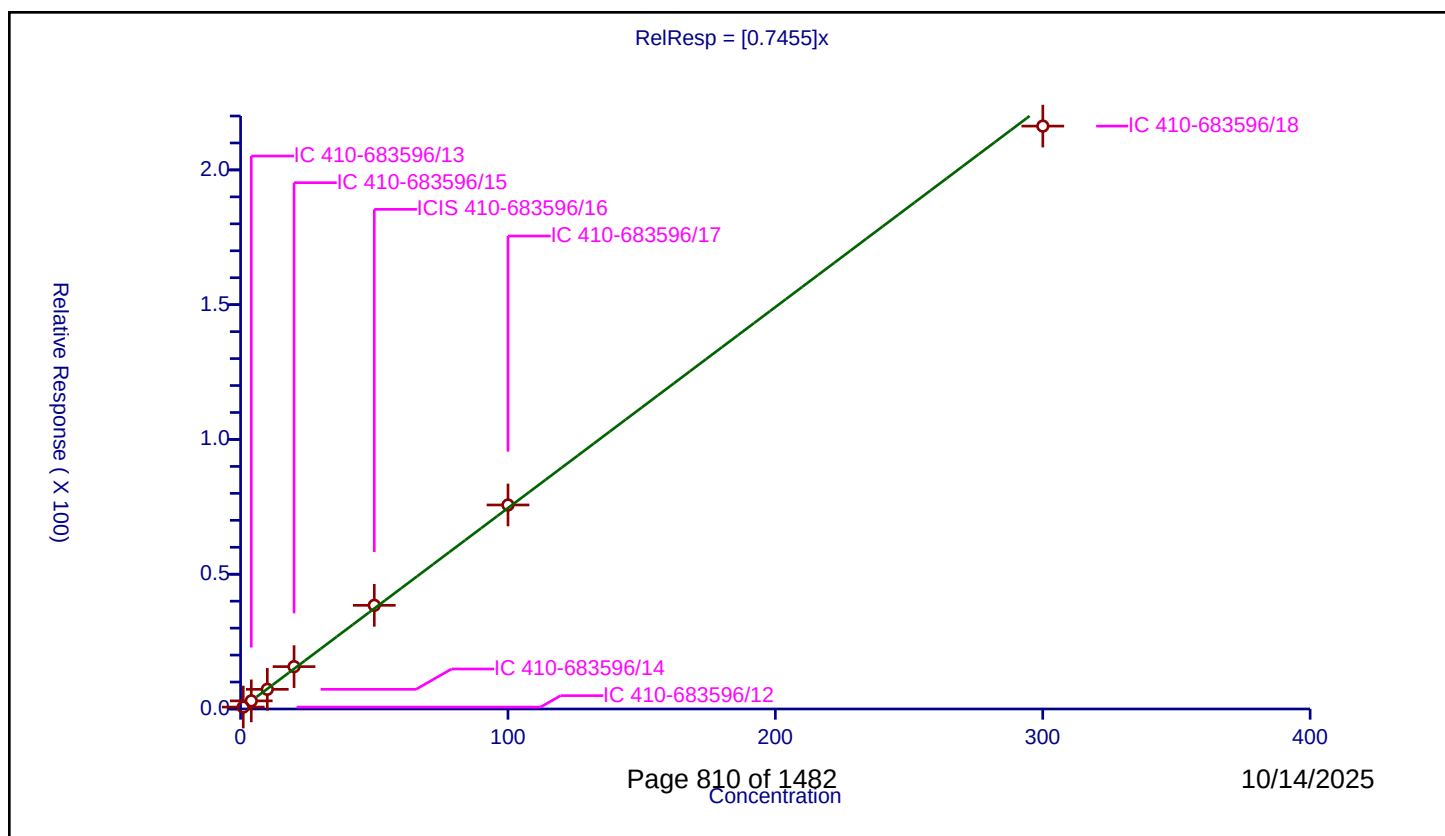
Curve Coefficients

Intercept: 0
Slope: 0.7455

Error Coefficients

Relative Standard Deviation: 3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.00011	0.704747	50.0	733951.0	0.70467	Y
2	IC 410-683596/13	4.00044	3.008179	50.0	758183.0	0.751962	Y
3	IC 410-683596/14	10.0011	7.296668	50.0	742332.0	0.729587	Y
4	IC 410-683596/15	20.0022	15.719306	50.0	767114.0	0.785879	Y
5	ICIS 410-683596/16	50.0055	38.458308	50.0	790651.0	0.769082	Y
6	IC 410-683596/17	100.011	75.687244	50.0	816886.0	0.756789	Y
7	IC 410-683596/18	300.033	216.260418	50.0	875777.0	0.720789	Y



Calibration

/ o-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

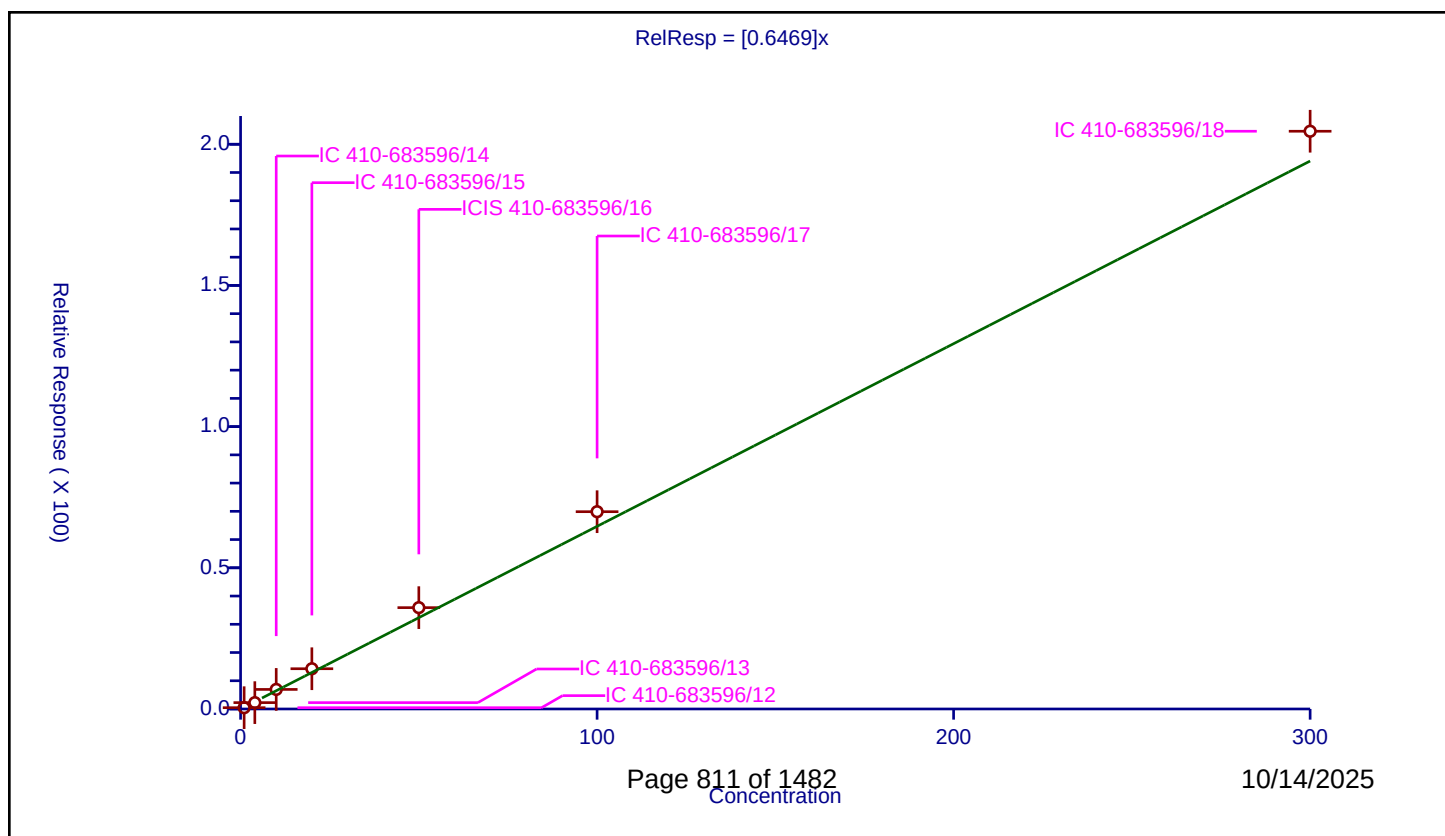
Curve Coefficients

Intercept: 0
Slope: 0.6469

Error Coefficients

Relative Standard Deviation: 15.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.46202	50.0	733951.0	0.46202	Y
2	IC 410-683596/13	4.0	2.24761	50.0	758183.0	0.561903	Y
3	IC 410-683596/14	10.0	6.928638	50.0	742332.0	0.692864	Y
4	IC 410-683596/15	20.0	14.251598	50.0	767114.0	0.71258	Y
5	ICIS 410-683596/16	50.0	35.894092	50.0	790651.0	0.717882	Y
6	IC 410-683596/17	100.0	69.873458	50.0	816886.0	0.698735	Y
7	IC 410-683596/18	300.0	204.605282	50.0	875777.0	0.682018	Y



Calibration

/ Styrene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

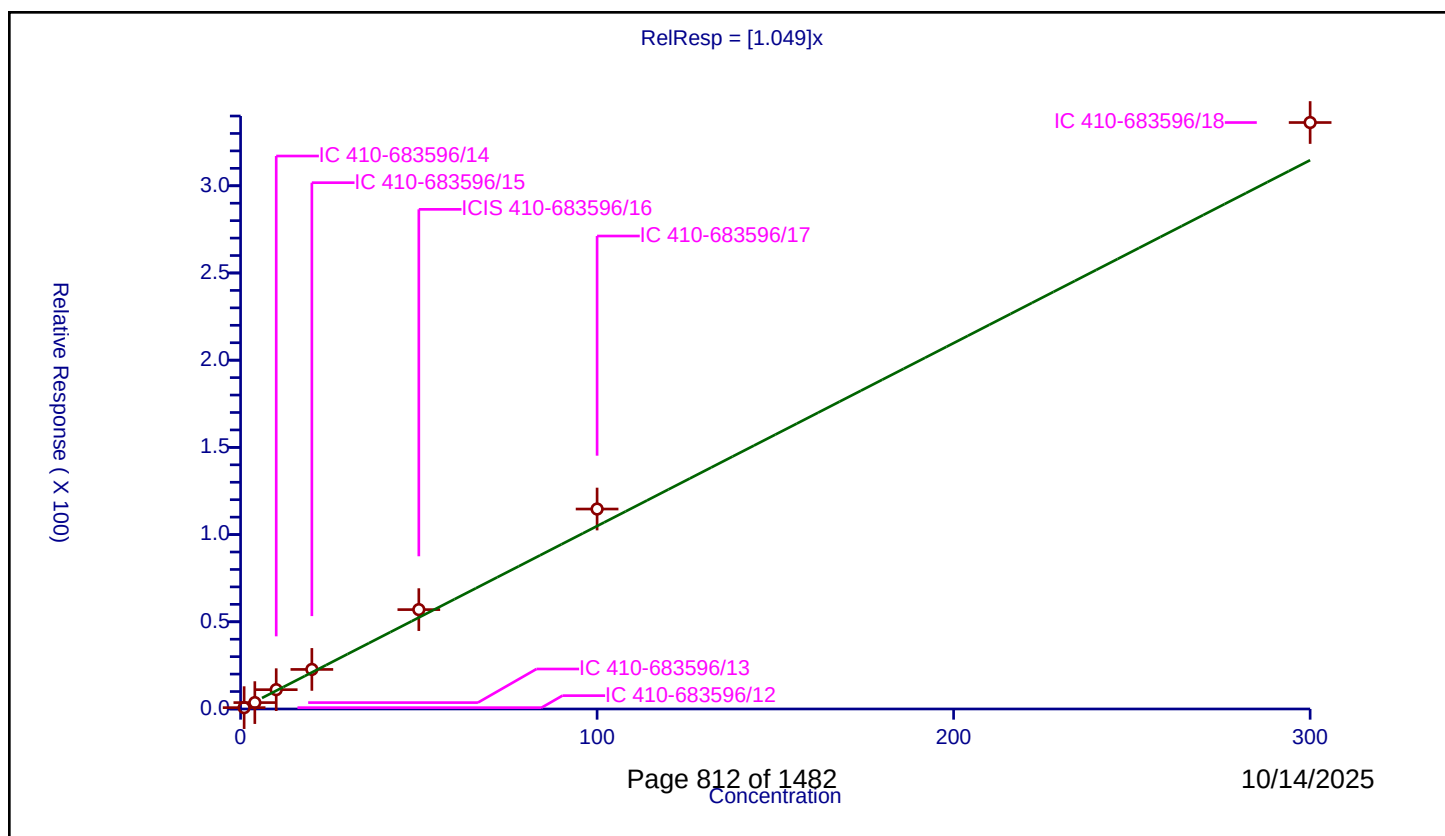
Curve Coefficients

Intercept: 0
Slope: 1.049

Error Coefficients

Relative Standard Deviation: 13.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.777232	50.0	733951.0	0.777232	Y
2	IC 410-683596/13	4.0	3.663034	50.0	758183.0	0.915758	Y
3	IC 410-683596/14	10.0	11.082844	50.0	742332.0	1.108284	Y
4	IC 410-683596/15	20.0	22.68861	50.0	767114.0	1.13443	Y
5	ICIS 410-683596/16	50.0	56.972482	50.0	790651.0	1.13945	Y
6	IC 410-683596/17	100.0	114.645862	50.0	816886.0	1.146459	Y
7	IC 410-683596/18	300.0	336.266881	50.0	875777.0	1.12089	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

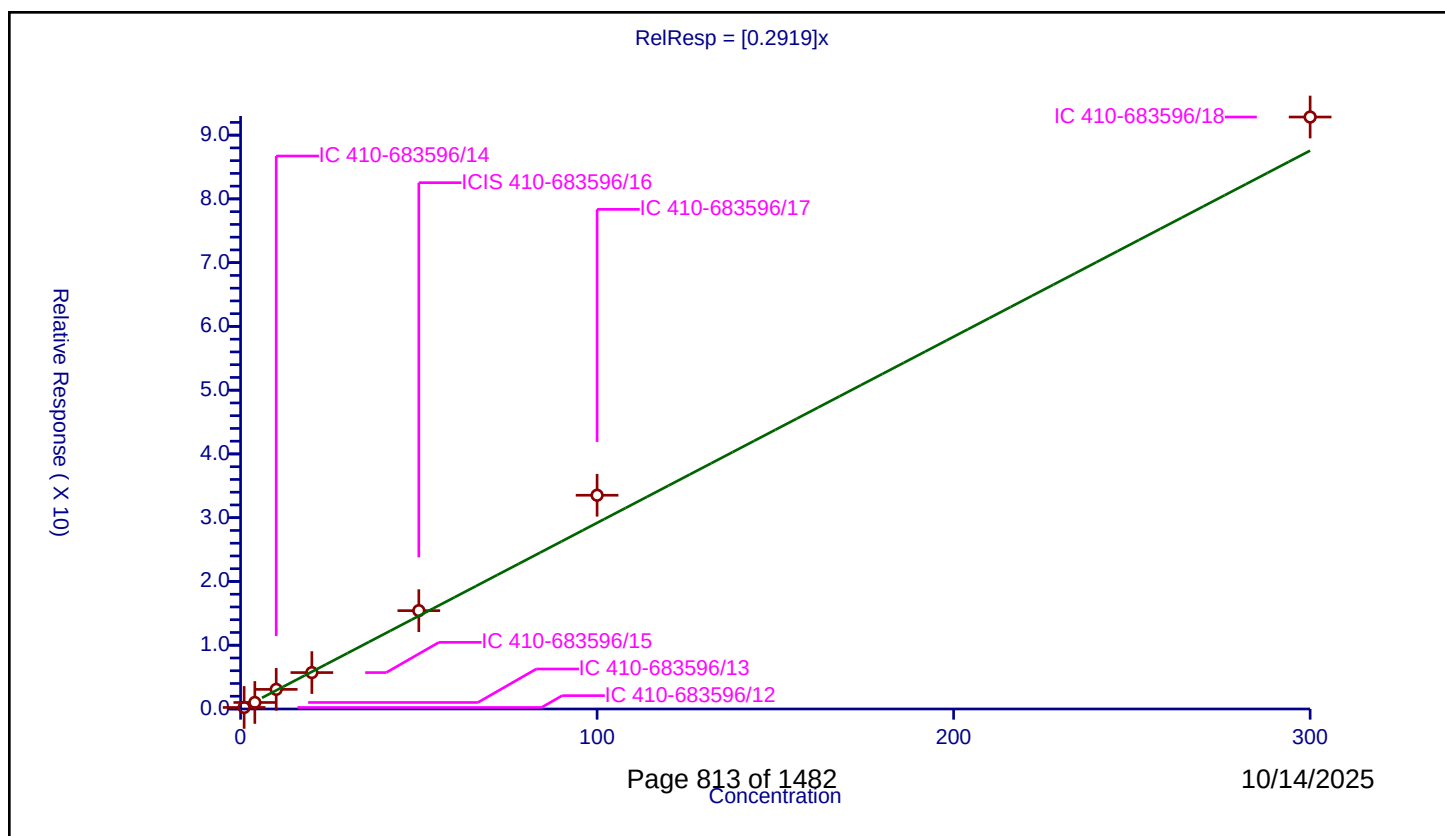
Curve Coefficients

Intercept: 0
Slope: 0.2919

Error Coefficients

Relative Standard Deviation: 11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.241092	50.0	733951.0	0.241092	Y
2	IC 410-683596/13	4.0	1.024027	50.0	758183.0	0.256007	Y
3	IC 410-683596/14	10.0	3.074568	50.0	742332.0	0.307457	Y
4	IC 410-683596/15	20.0	5.712841	50.0	767114.0	0.285642	Y
5	ICIS 410-683596/16	50.0	15.420837	50.0	790651.0	0.308417	Y
6	IC 410-683596/17	100.0	33.522487	50.0	816886.0	0.335225	Y
7	IC 410-683596/18	300.0	92.840757	50.0	875777.0	0.309469	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

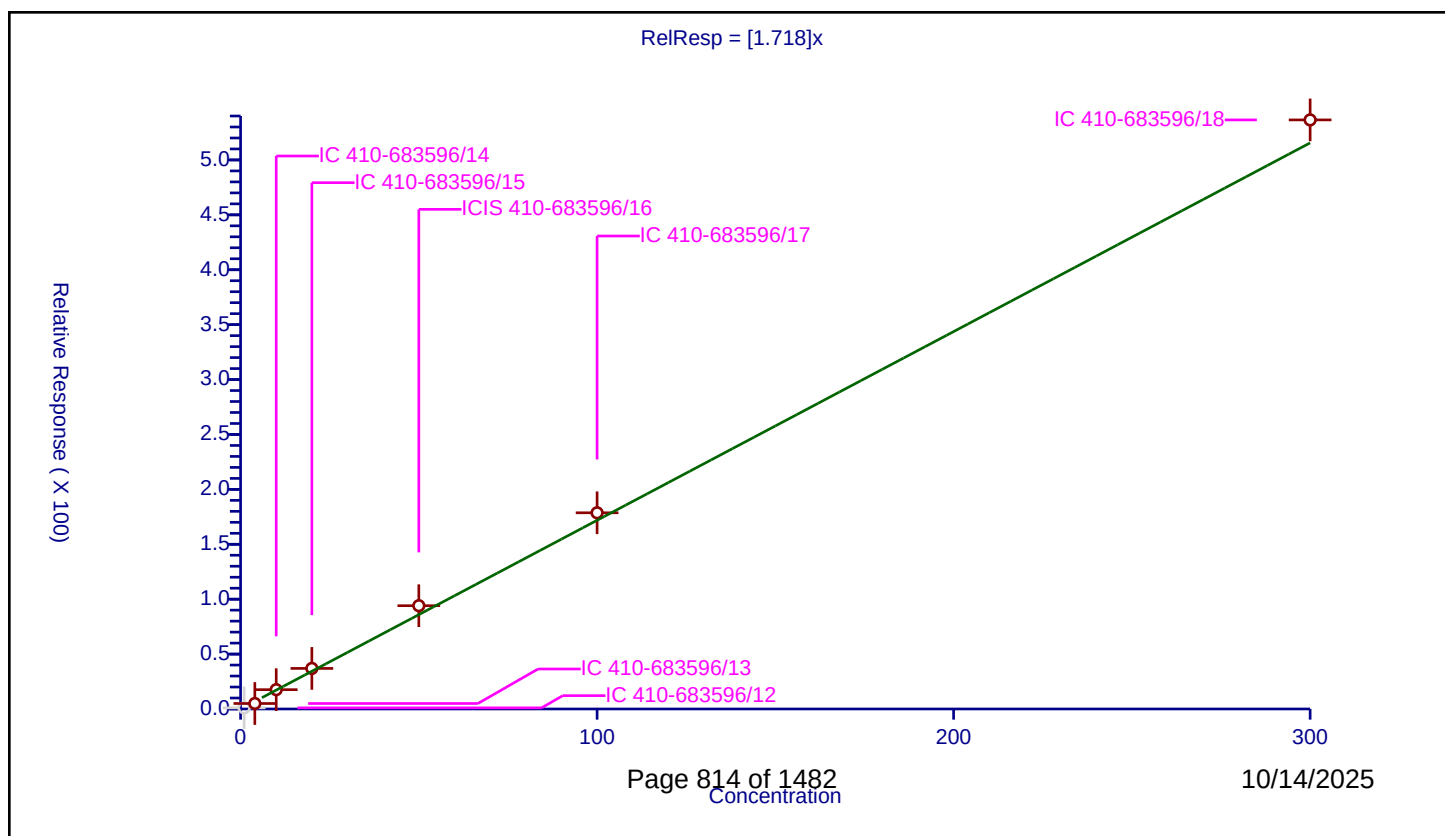
Curve Coefficients

Intercept: 0
Slope: 1.718

Error Coefficients

Relative Standard Deviation: 13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.042849	50.0	733951.0	1.042849	N
2	IC 410-683596/13	4.0	4.989033	50.0	758183.0	1.247258	Y
3	IC 410-683596/14	10.0	17.5959	50.0	742332.0	1.75959	Y
4	IC 410-683596/15	20.0	36.945878	50.0	767114.0	1.847294	Y
5	ICIS 410-683596/16	50.0	94.064448	50.0	790651.0	1.881289	Y
6	IC 410-683596/17	100.0	178.683623	50.0	816886.0	1.786836	Y
7	IC 410-683596/18	300.0	536.464477	50.0	875777.0	1.788215	Y



Calibration

/ Cyclohexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

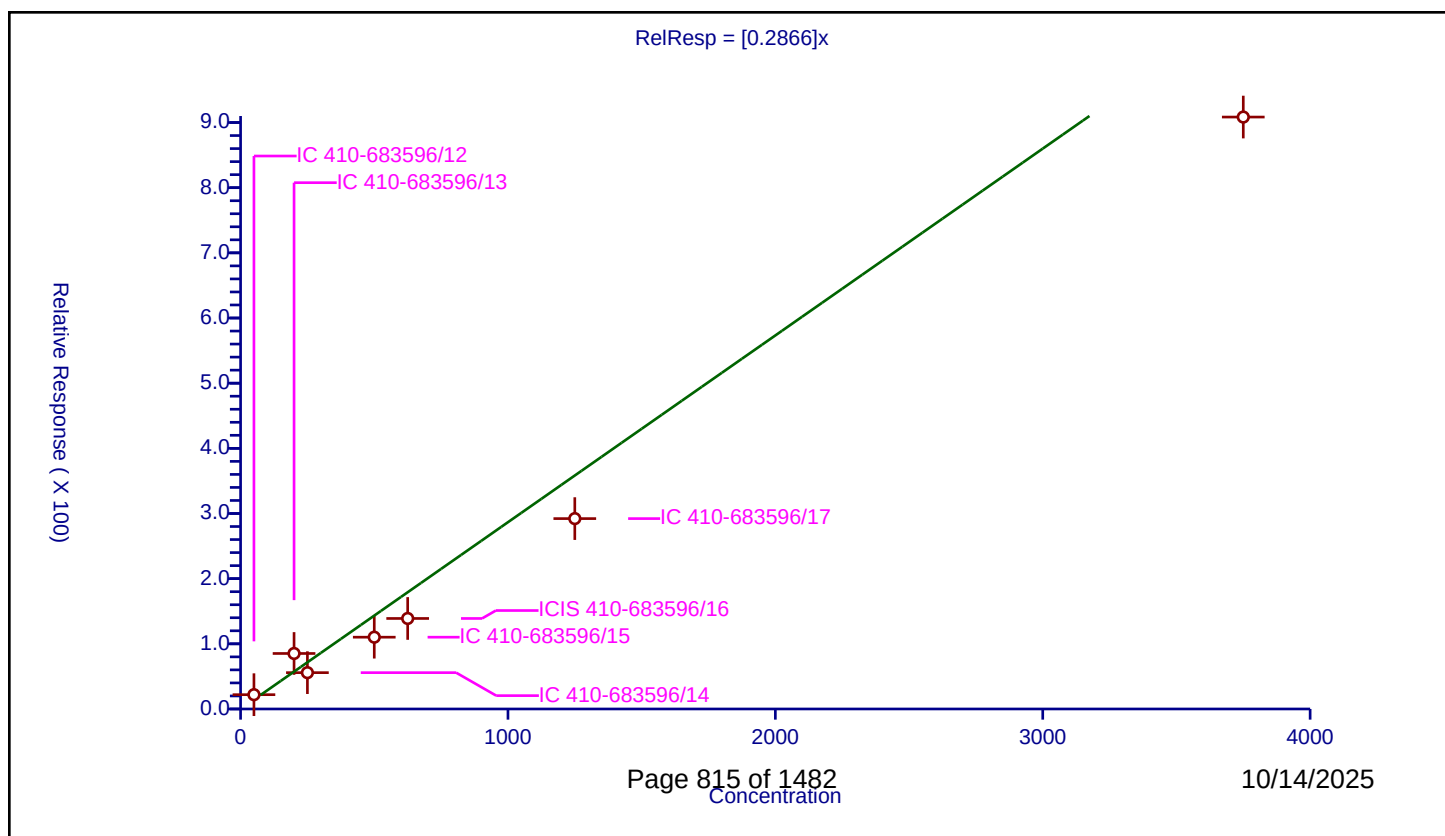
Curve Coefficients

Intercept: 0
Slope: 0.2866

Error Coefficients

Relative Standard Deviation: 34.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	50.000933	21.94725	250.0	363713.0	0.438937	Y
2	IC 410-683596/13	200.003731	85.184718	250.0	392814.0	0.425916	Y
3	IC 410-683596/14	250.004664	55.758867	250.0	353316.0	0.223031	Y
4	IC 410-683596/15	500.009328	110.176104	250.0	387044.0	0.220348	Y
5	ICIS 410-683596/16	625.01166	138.925894	250.0	357311.0	0.222277	Y
6	IC 410-683596/17	1250.02332	292.162229	250.0	371043.0	0.233725	Y
7	IC 410-683596/18	3750.06996	908.388594	250.0	368101.0	0.242232	Y



Calibration

/ 4-Bromofluorobenzene (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

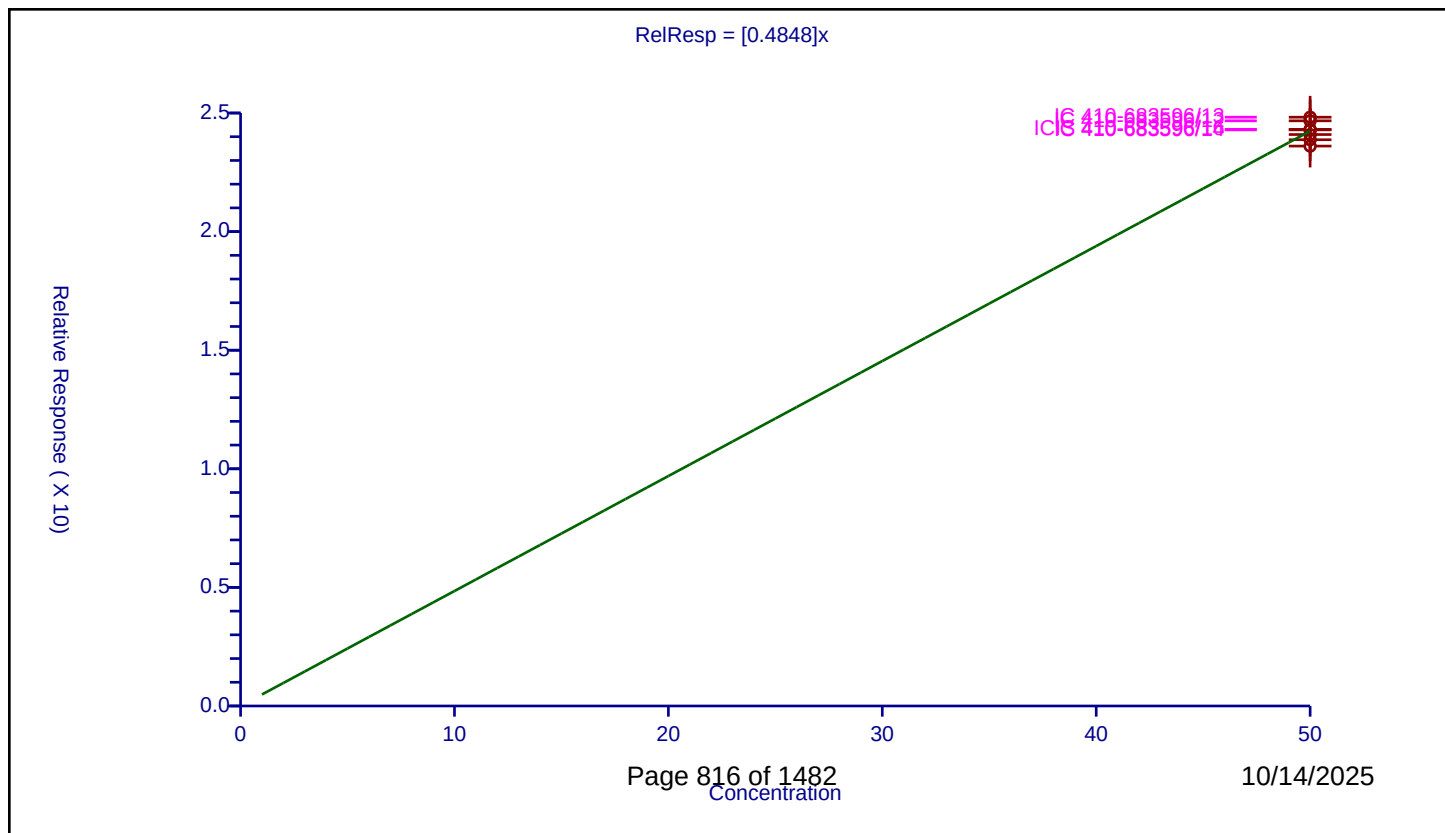
Curve Coefficients

Intercept: 0
Slope: 0.4848

Error Coefficients

Relative Standard Deviation: 1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	50.0	24.670584	50.0	733951.0	0.493412	Y
2	IC 410-683596/13	50.0	24.823822	50.0	758183.0	0.496476	Y
3	IC 410-683596/14	50.0	24.289536	50.0	742332.0	0.485791	Y
4	IC 410-683596/15	50.0	24.092312	50.0	767114.0	0.481846	Y
5	ICIS 410-683596/16	50.0	24.310853	50.0	790651.0	0.486217	Y
6	IC 410-683596/17	50.0	23.605558	50.0	816886.0	0.472111	Y
7	IC 410-683596/18	50.0	23.873086	50.0	875777.0	0.477462	Y



Calibration

/ Bromobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

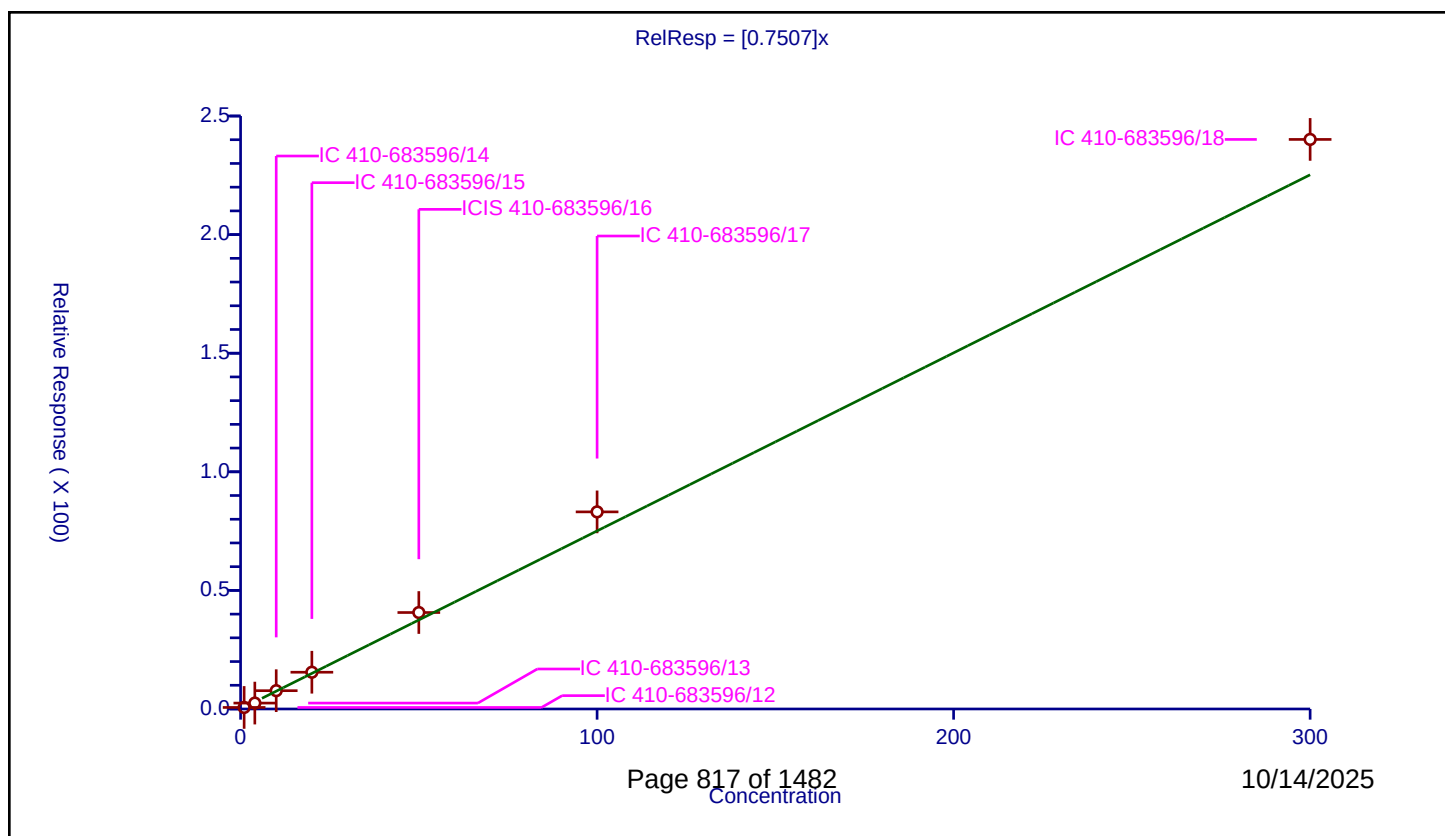
Curve Coefficients

Intercept: 0
 Slope: 0.7507

Error Coefficients

Relative Standard Deviation: 11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.640905	50.0	435478.0	0.640905	Y
2	IC 410-683596/13	4.0	2.492798	50.0	459223.0	0.623199	Y
3	IC 410-683596/14	10.0	7.714885	50.0	431672.0	0.771489	Y
4	IC 410-683596/15	20.0	15.493291	50.0	441433.0	0.774665	Y
5	ICIS 410-683596/16	50.0	40.673182	50.0	444991.0	0.813464	Y
6	IC 410-683596/17	100.0	83.098473	50.0	449628.0	0.830985	Y
7	IC 410-683596/18	300.0	240.125325	50.0	478517.0	0.800418	Y



Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

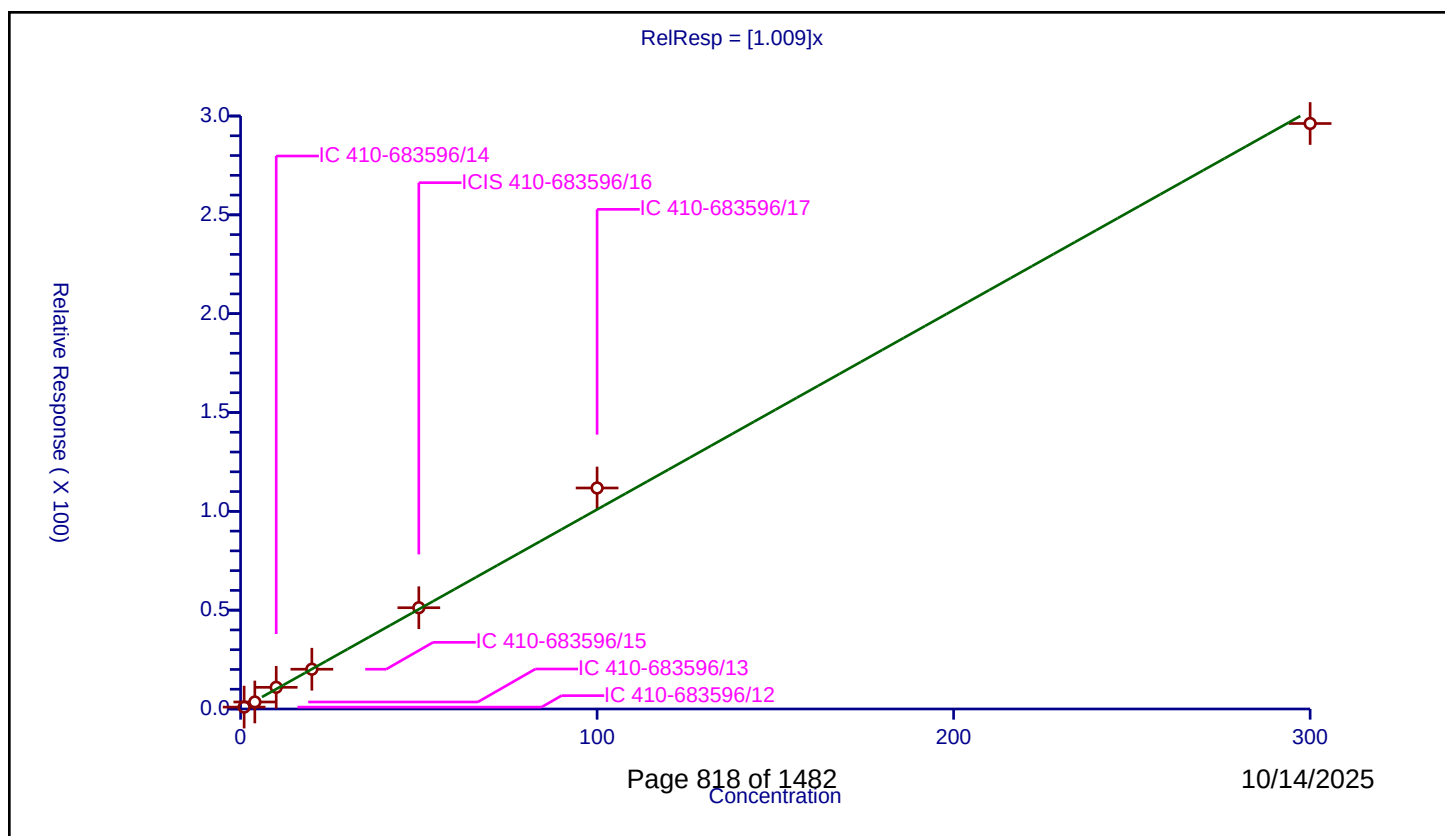
Curve Coefficients

Intercept: 0
Slope: 1.009

Error Coefficients

Relative Standard Deviation: 8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.946202	50.0	435478.0	0.946202	Y
2	IC 410-683596/13	4.0	3.54207	50.0	459223.0	0.885517	Y
3	IC 410-683596/14	10.0	10.965502	50.0	431672.0	1.09655	Y
4	IC 410-683596/15	20.0	20.125704	50.0	441433.0	1.006285	Y
5	ICIS 410-683596/16	50.0	51.236205	50.0	444991.0	1.024724	Y
6	IC 410-683596/17	100.0	111.815656	50.0	449628.0	1.118157	Y
7	IC 410-683596/18	300.0	296.209644	50.0	478517.0	0.987365	Y



Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

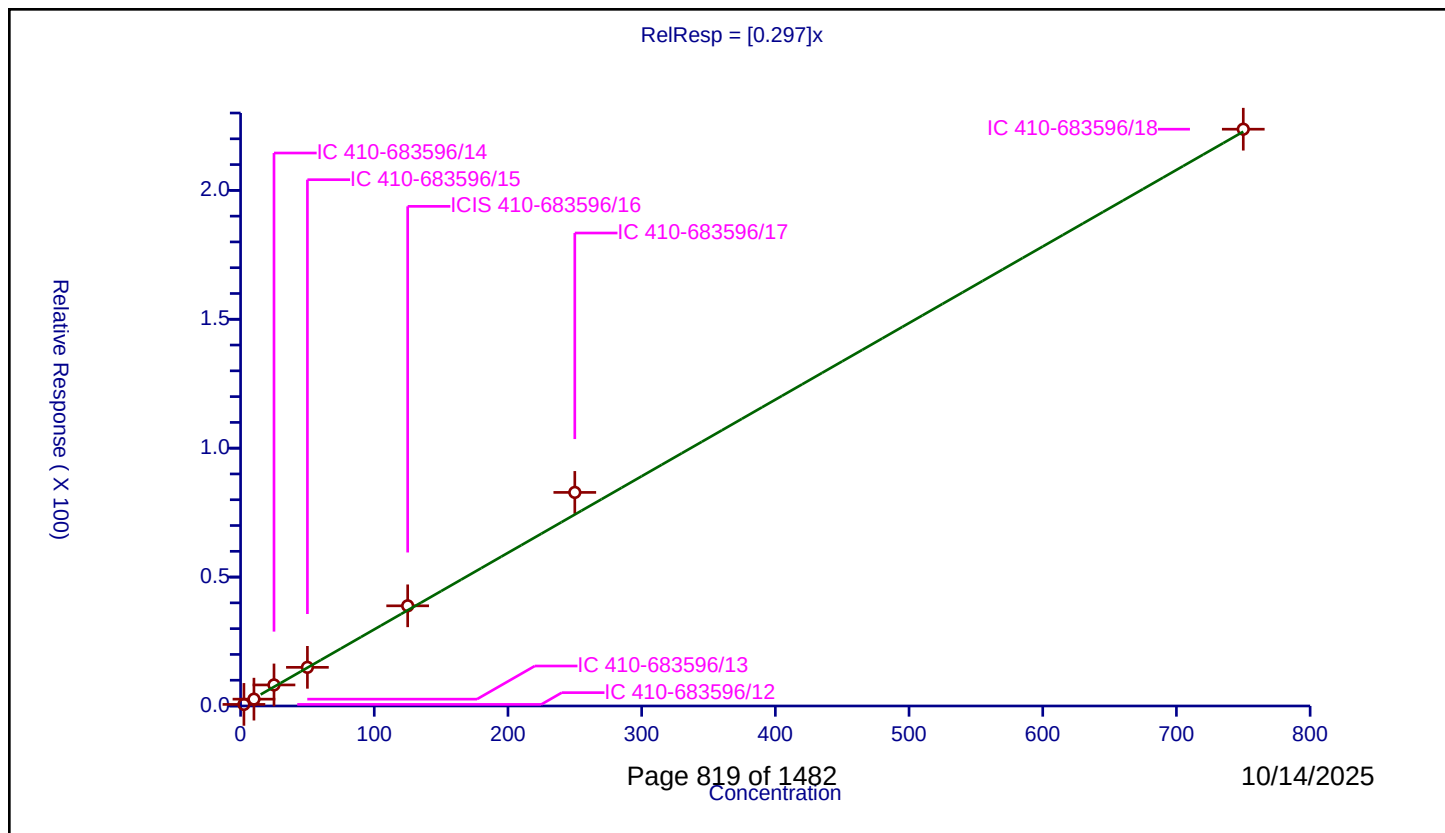
Curve Coefficients

Intercept: 0
 Slope: 0.297

Error Coefficients

Relative Standard Deviation: 10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	2.5	0.616564	50.0	435478.0	0.246626	Y
2	IC 410-683596/13	10.0	2.655355	50.0	459223.0	0.265535	Y
3	IC 410-683596/14	25.0	8.168123	50.0	431672.0	0.326725	Y
4	IC 410-683596/15	50.0	14.995254	50.0	441433.0	0.299905	Y
5	ICIS 410-683596/16	125.0	38.854494	50.0	444991.0	0.310836	Y
6	IC 410-683596/17	250.0	82.842483	50.0	449628.0	0.33137	Y
7	IC 410-683596/18	750.0	223.723086	50.0	478517.0	0.298297	Y



Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

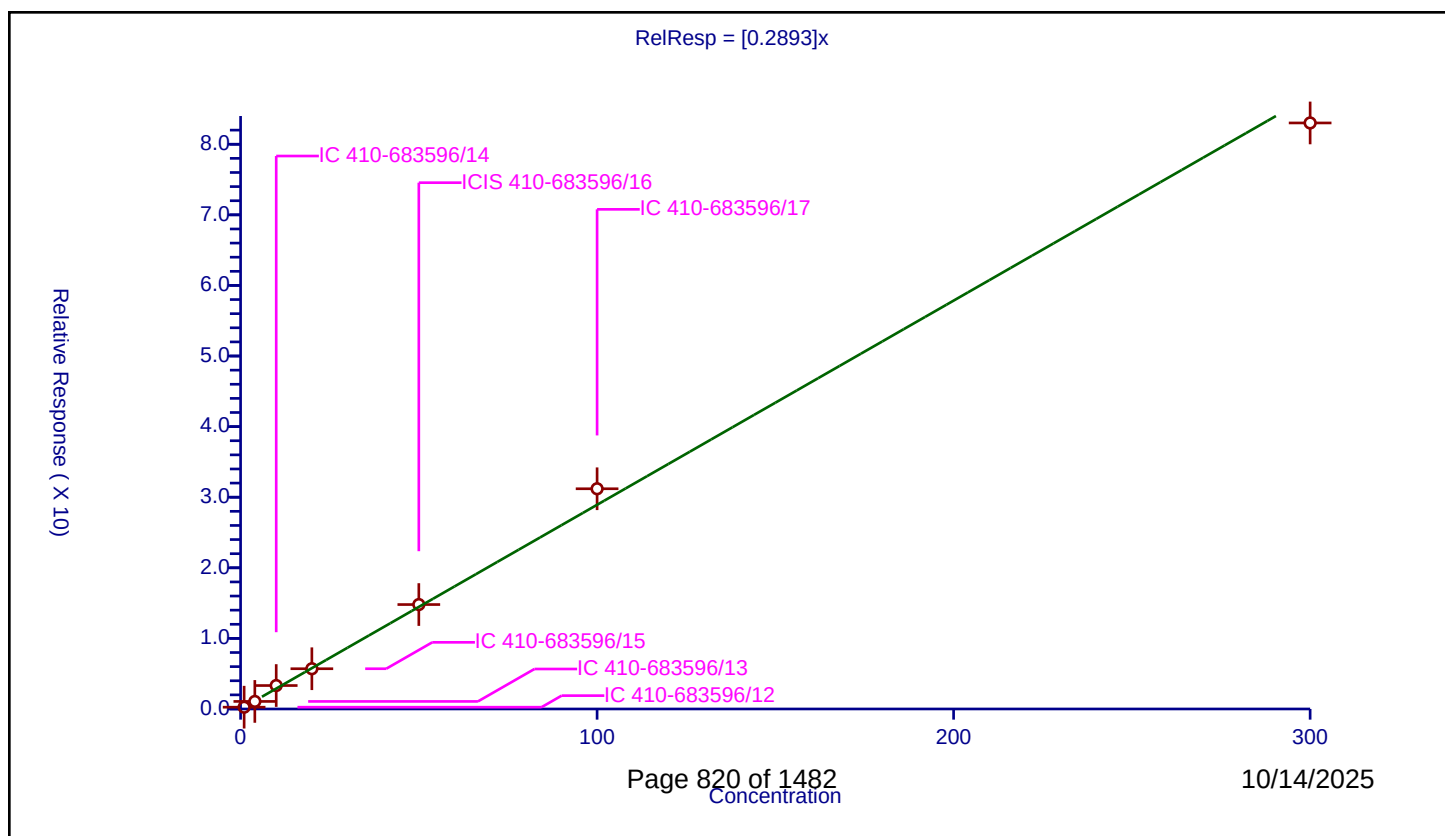
Curve Coefficients

Intercept: 0
 Slope: 0.2893

Error Coefficients

Relative Standard Deviation: 9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.255466	50.0	435478.0	0.255466	Y
2	IC 410-683596/13	4.0	1.069197	50.0	459223.0	0.267299	Y
3	IC 410-683596/14	10.0	3.322314	50.0	431672.0	0.332231	Y
4	IC 410-683596/15	20.0	5.70313	50.0	441433.0	0.285157	Y
5	ICIS 410-683596/16	50.0	14.794906	50.0	444991.0	0.295898	Y
6	IC 410-683596/17	100.0	31.197457	50.0	449628.0	0.311975	Y
7	IC 410-683596/18	300.0	83.017427	50.0	478517.0	0.276725	Y



Calibration

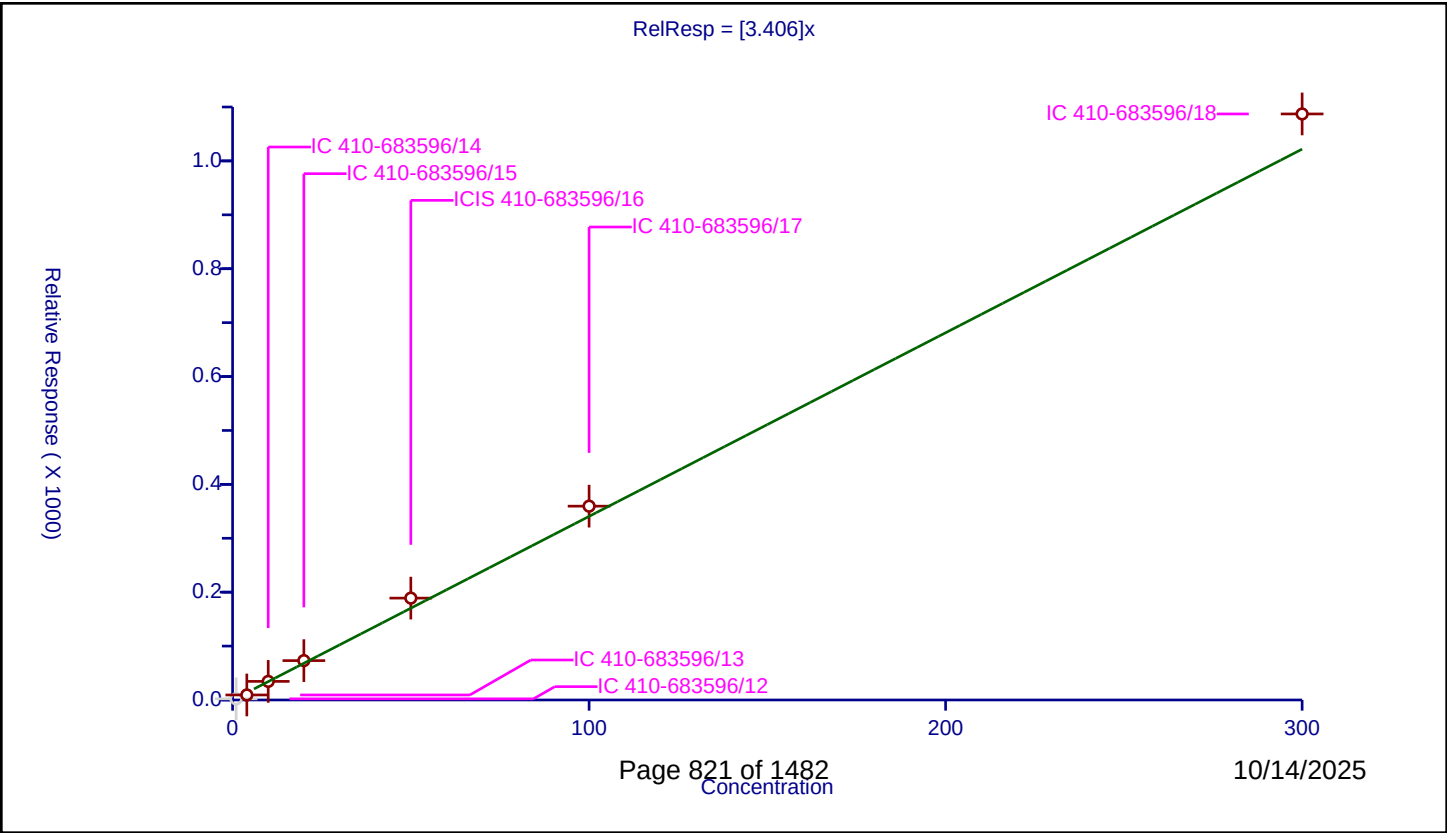
/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.406
Error Coefficients	

Relative Standard Deviation: 15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	2.143277	50.0	435478.0	2.143277	N
2	IC 410-683596/13	4.0	9.342411	50.0	459223.0	2.335603	Y
3	IC 410-683596/14	10.0	34.503396	50.0	431672.0	3.45034	Y
4	IC 410-683596/15	20.0	73.046646	50.0	441433.0	3.652332	Y
5	ICIS 410-683596/16	50.0	188.973822	50.0	444991.0	3.779476	Y
6	IC 410-683596/17	100.0	359.576695	50.0	449628.0	3.595767	Y
7	IC 410-683596/18	300.0	1087.136089	50.0	478517.0	3.623787	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

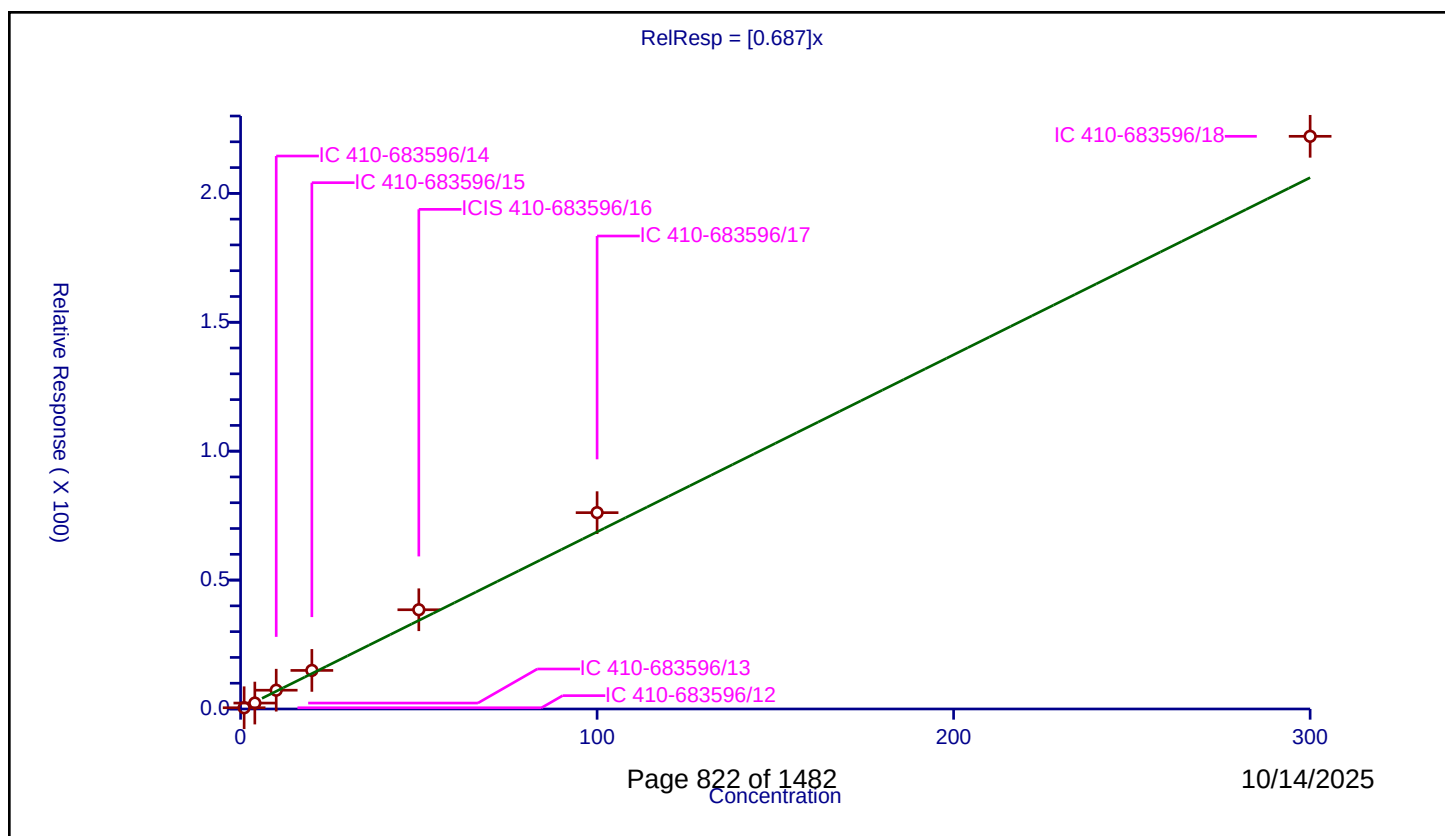
Curve Coefficients

Intercept: 0
Slope: 0.687

Error Coefficients

Relative Standard Deviation: 16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.485444	50.0	435478.0	0.485444	Y
2	IC 410-683596/13	4.0	2.300299	50.0	459223.0	0.575075	Y
3	IC 410-683596/14	10.0	7.285045	50.0	431672.0	0.728505	Y
4	IC 410-683596/15	20.0	14.962293	50.0	441433.0	0.748115	Y
5	ICIS 410-683596/16	50.0	38.490891	50.0	444991.0	0.769818	Y
6	IC 410-683596/17	100.0	76.151952	50.0	449628.0	0.76152	Y
7	IC 410-683596/18	300.0	222.129517	50.0	478517.0	0.740432	Y



Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

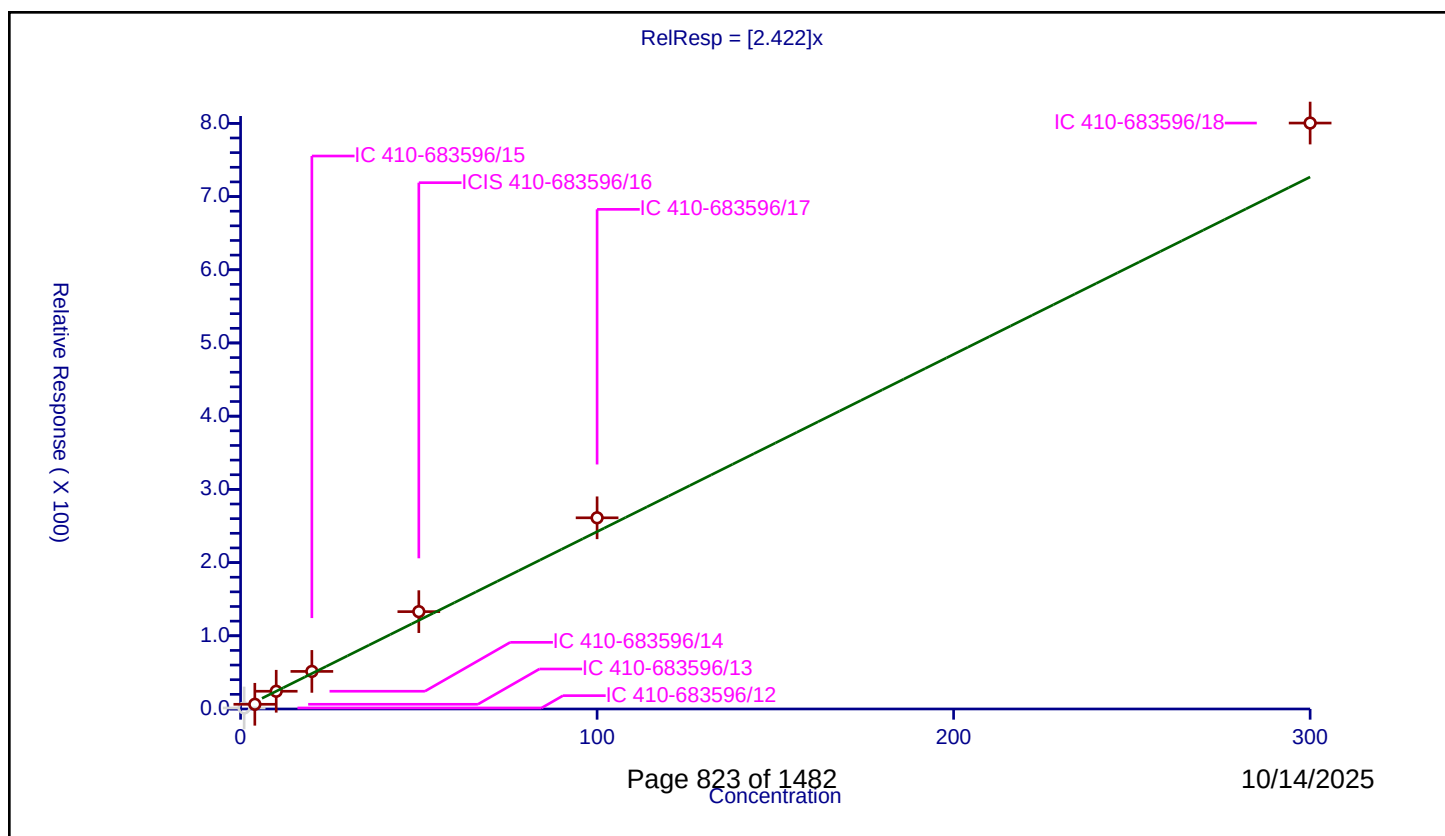
Curve Coefficients

Intercept: 0
 Slope: 2.422

Error Coefficients

Relative Standard Deviation: 16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.414308	50.0	435478.0	1.414308	N
2	IC 410-683596/13	4.0	6.421063	50.0	459223.0	1.605266	Y
3	IC 410-683596/14	10.0	24.223369	50.0	431672.0	2.422337	Y
4	IC 410-683596/15	20.0	51.341766	50.0	441433.0	2.567088	Y
5	ICIS 410-683596/16	50.0	132.992353	50.0	444991.0	2.659847	Y
6	IC 410-683596/17	100.0	261.159781	50.0	449628.0	2.611598	Y
7	IC 410-683596/18	300.0	800.399045	50.0	478517.0	2.667997	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

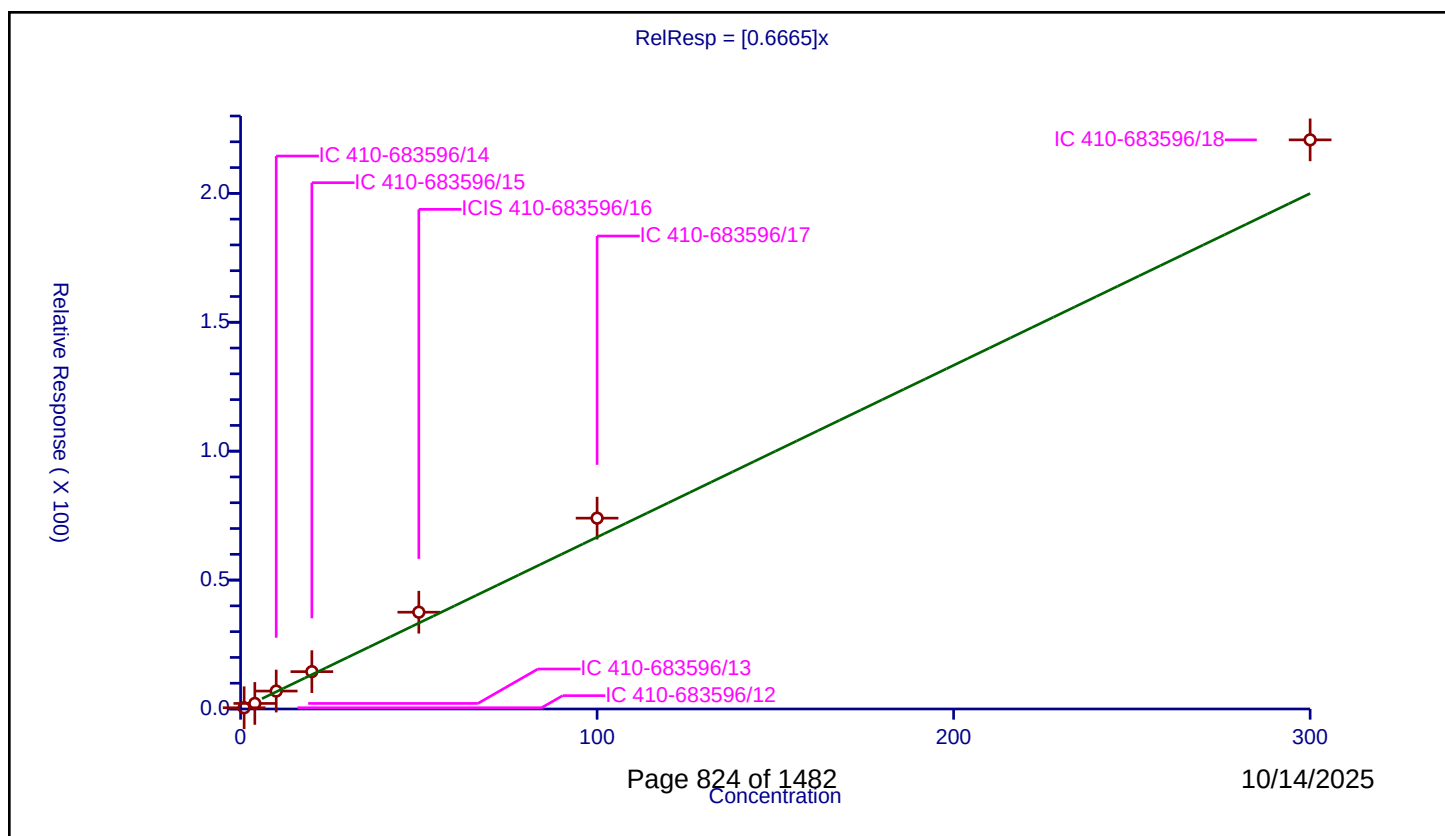
Curve Coefficients

Intercept: 0
Slope: 0.6665

Error Coefficients

Relative Standard Deviation: 16.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.479243	50.0	435478.0	0.479243	Y
2	IC 410-683596/13	4.0	2.161477	50.0	459223.0	0.540369	Y
3	IC 410-683596/14	10.0	6.951922	50.0	431672.0	0.695192	Y
4	IC 410-683596/15	20.0	14.481246	50.0	441433.0	0.724062	Y
5	ICIS 410-683596/16	50.0	37.542669	50.0	444991.0	0.750853	Y
6	IC 410-683596/17	100.0	74.023971	50.0	449628.0	0.74024	Y
7	IC 410-683596/18	300.0	220.748688	50.0	478517.0	0.735829	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

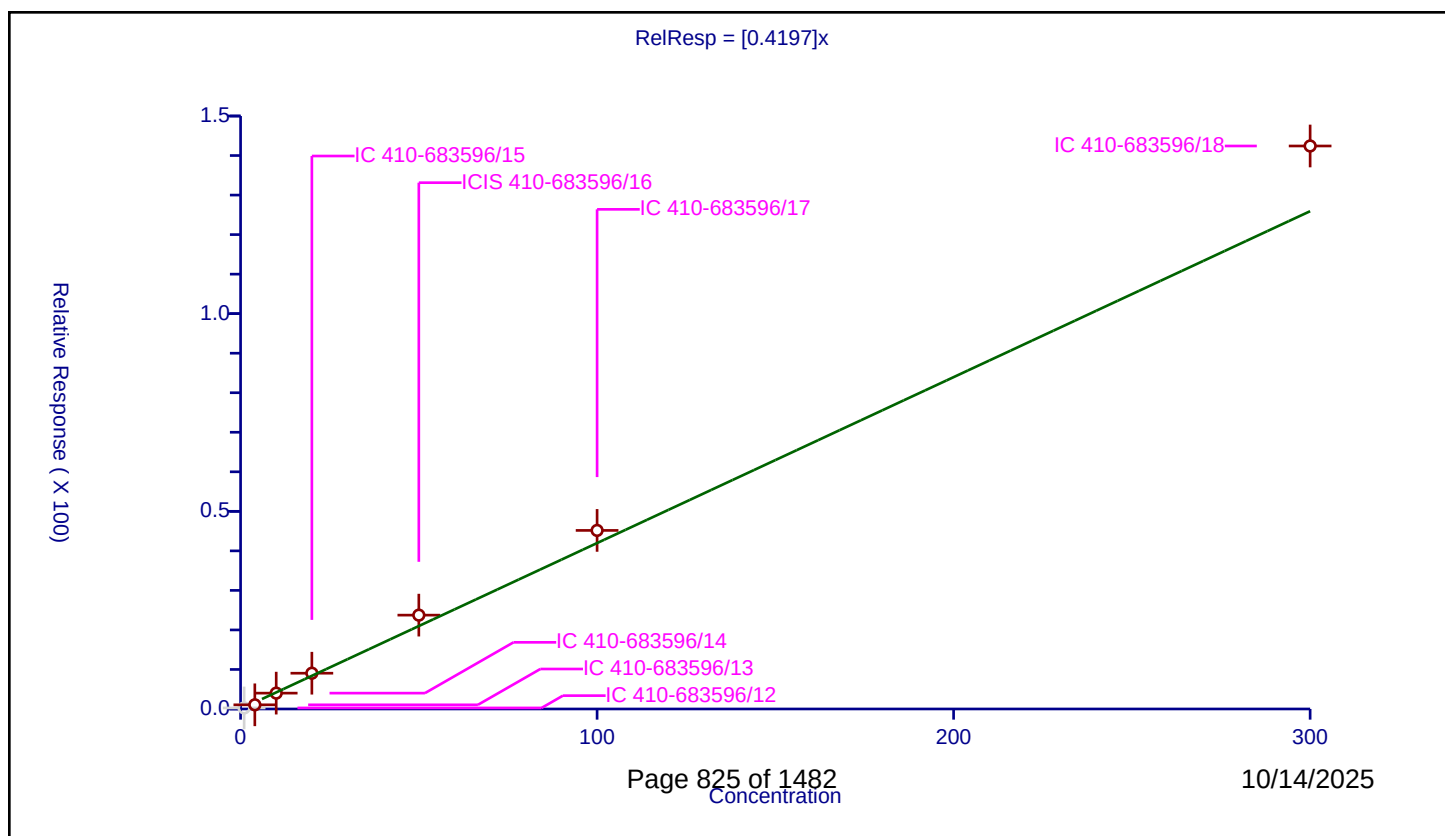
Curve Coefficients

Intercept: 0
Slope: 0.4197

Error Coefficients

Relative Standard Deviation: 19.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.268096	50.0	435478.0	0.268096	N
2	IC 410-683596/13	4.0	1.056023	50.0	459223.0	0.264006	Y
3	IC 410-683596/14	10.0	4.007788	50.0	431672.0	0.400779	Y
4	IC 410-683596/15	20.0	9.047692	50.0	441433.0	0.452385	Y
5	ICIS 410-683596/16	50.0	23.738008	50.0	444991.0	0.47476	Y
6	IC 410-683596/17	100.0	45.169451	50.0	449628.0	0.451695	Y
7	IC 410-683596/18	300.0	142.419496	50.0	478517.0	0.474732	Y



Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

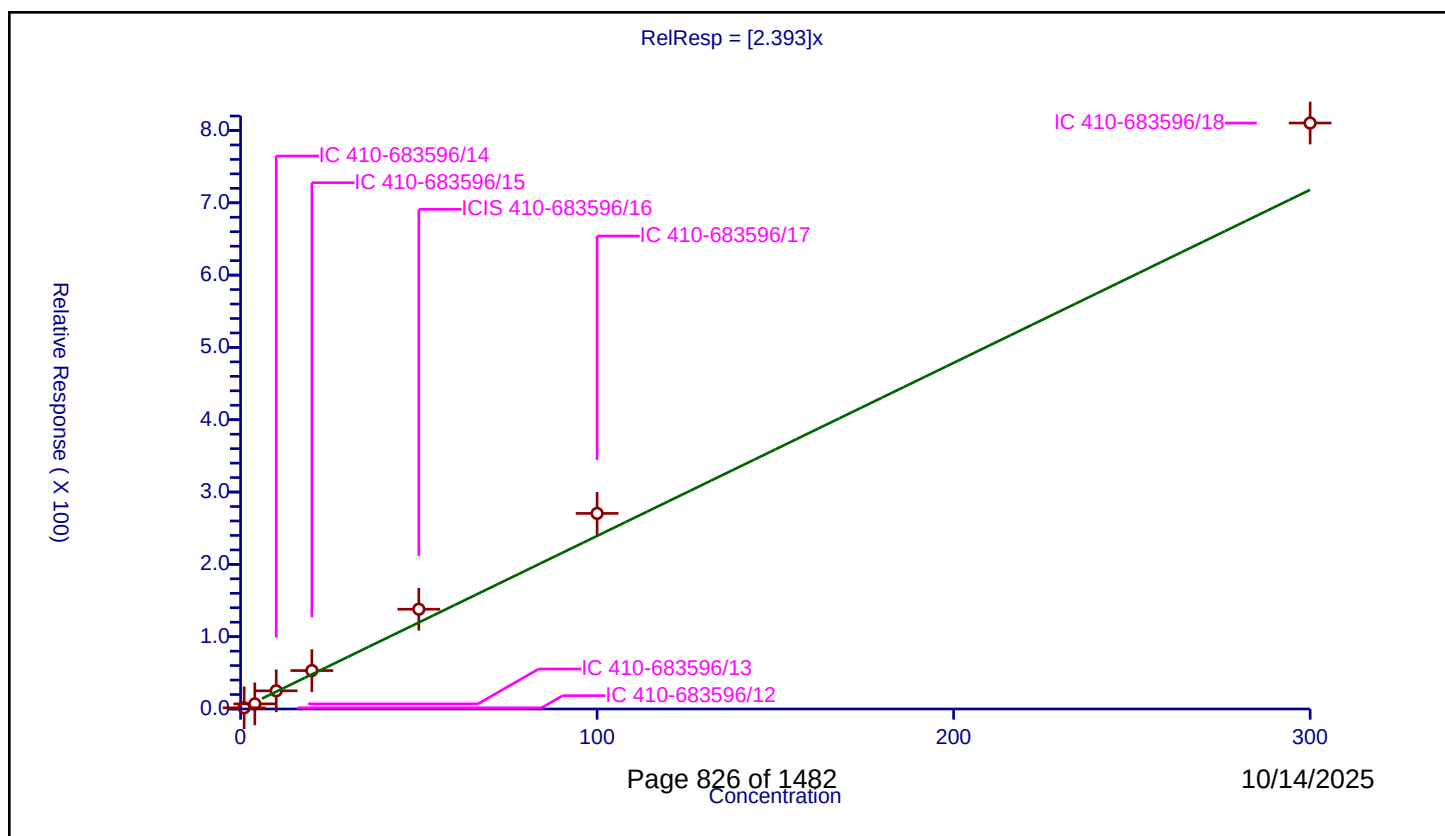
Curve Coefficients

Intercept: 0
 Slope: 2.393

Error Coefficients

Relative Standard Deviation: 19.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.644744	50.0	435478.0	1.644744	Y
2	IC 410-683596/13	4.0	7.09383	50.0	459223.0	1.773458	Y
3	IC 410-683596/14	10.0	25.116871	50.0	431672.0	2.511687	Y
4	IC 410-683596/15	20.0	53.138189	50.0	441433.0	2.656909	Y
5	ICIS 410-683596/16	50.0	137.973128	50.0	444991.0	2.759463	Y
6	IC 410-683596/17	100.0	270.455021	50.0	449628.0	2.70455	Y
7	IC 410-683596/18	300.0	810.295768	50.0	478517.0	2.700986	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

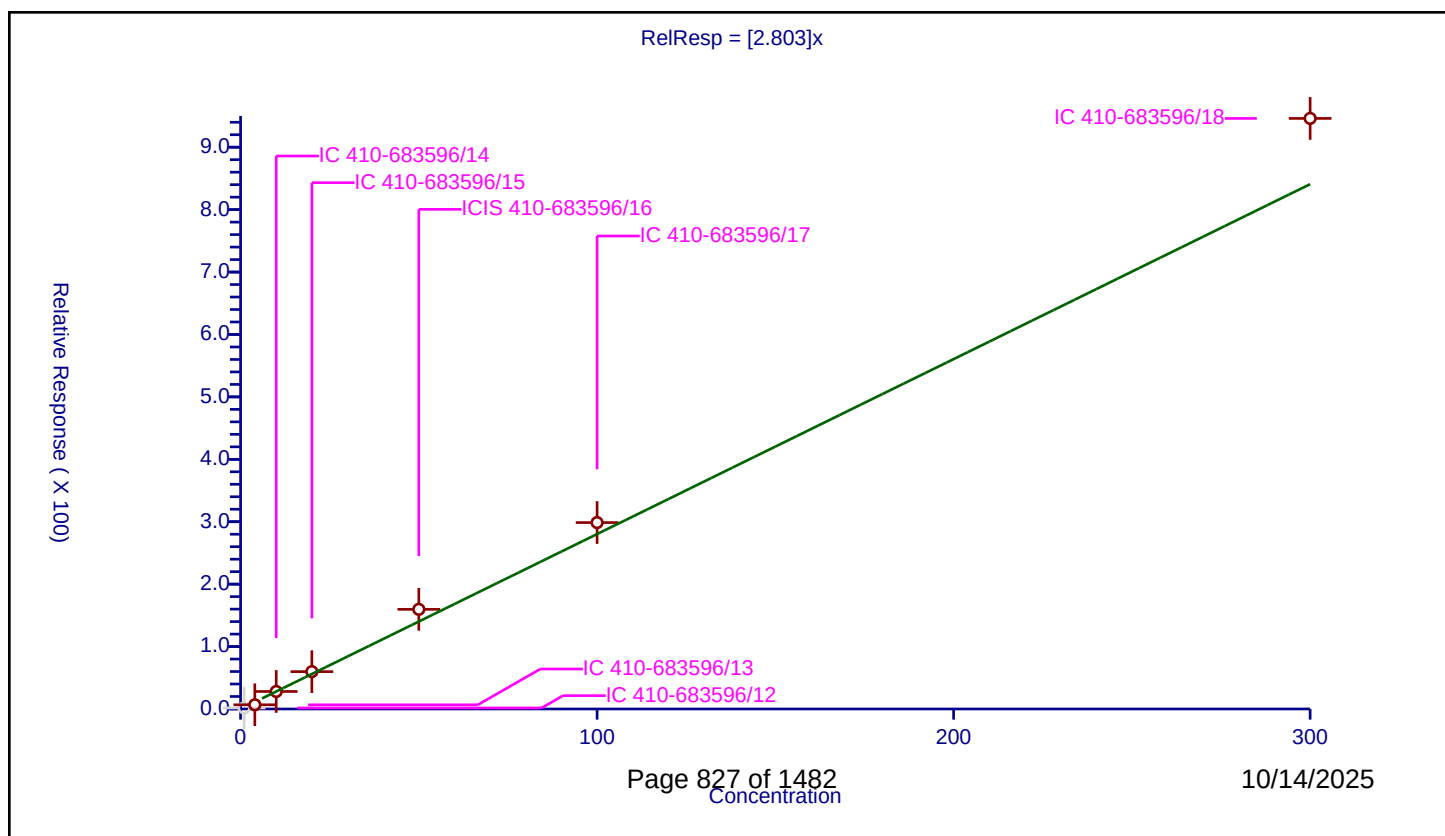
Curve Coefficients

Intercept: 0
Slope: 2.803

Error Coefficients

Relative Standard Deviation: 20.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.636018	50.0	435478.0	1.636018	N
2	IC 410-683596/13	4.0	6.735072	50.0	459223.0	1.683768	Y
3	IC 410-683596/14	10.0	28.06668	50.0	431672.0	2.806668	Y
4	IC 410-683596/15	20.0	59.841244	50.0	441433.0	2.992062	Y
5	ICIS 410-683596/16	50.0	159.630869	50.0	444991.0	3.192617	Y
6	IC 410-683596/17	100.0	298.657335	50.0	449628.0	2.986573	Y
7	IC 410-683596/18	300.0	946.160116	50.0	478517.0	3.153867	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

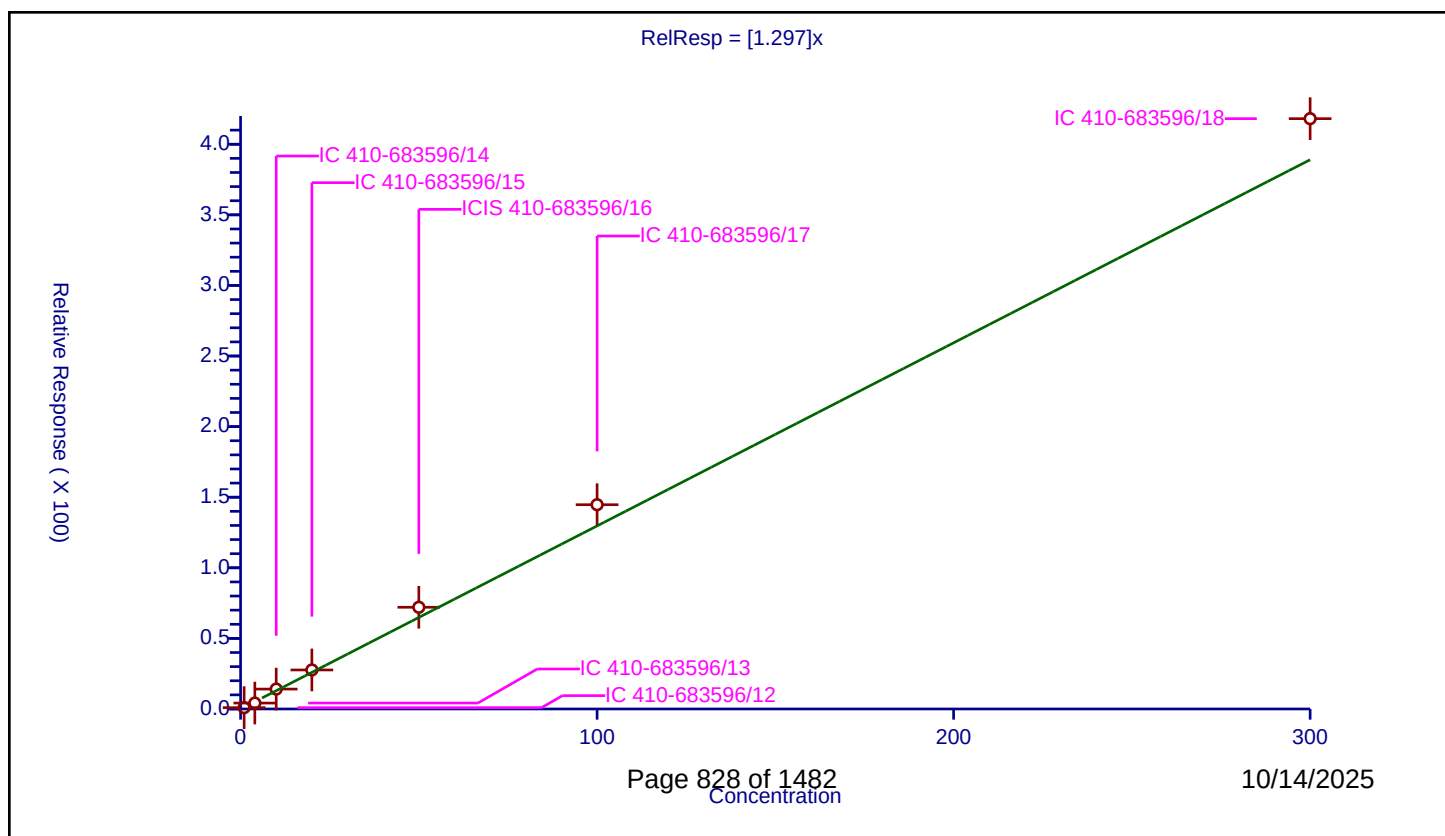
Curve Coefficients

Intercept: 0
Slope: 1.297

Error Coefficients

Relative Standard Deviation: 15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.95355	50.0	435478.0	0.95355	Y
2	IC 410-683596/13	4.0	4.202642	50.0	459223.0	1.050661	Y
3	IC 410-683596/14	10.0	14.094266	50.0	431672.0	1.409427	Y
4	IC 410-683596/15	20.0	27.640435	50.0	441433.0	1.382022	Y
5	ICIS 410-683596/16	50.0	72.051345	50.0	444991.0	1.441027	Y
6	IC 410-683596/17	100.0	144.696505	50.0	449628.0	1.446965	Y
7	IC 410-683596/18	300.0	418.120568	50.0	478517.0	1.393735	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

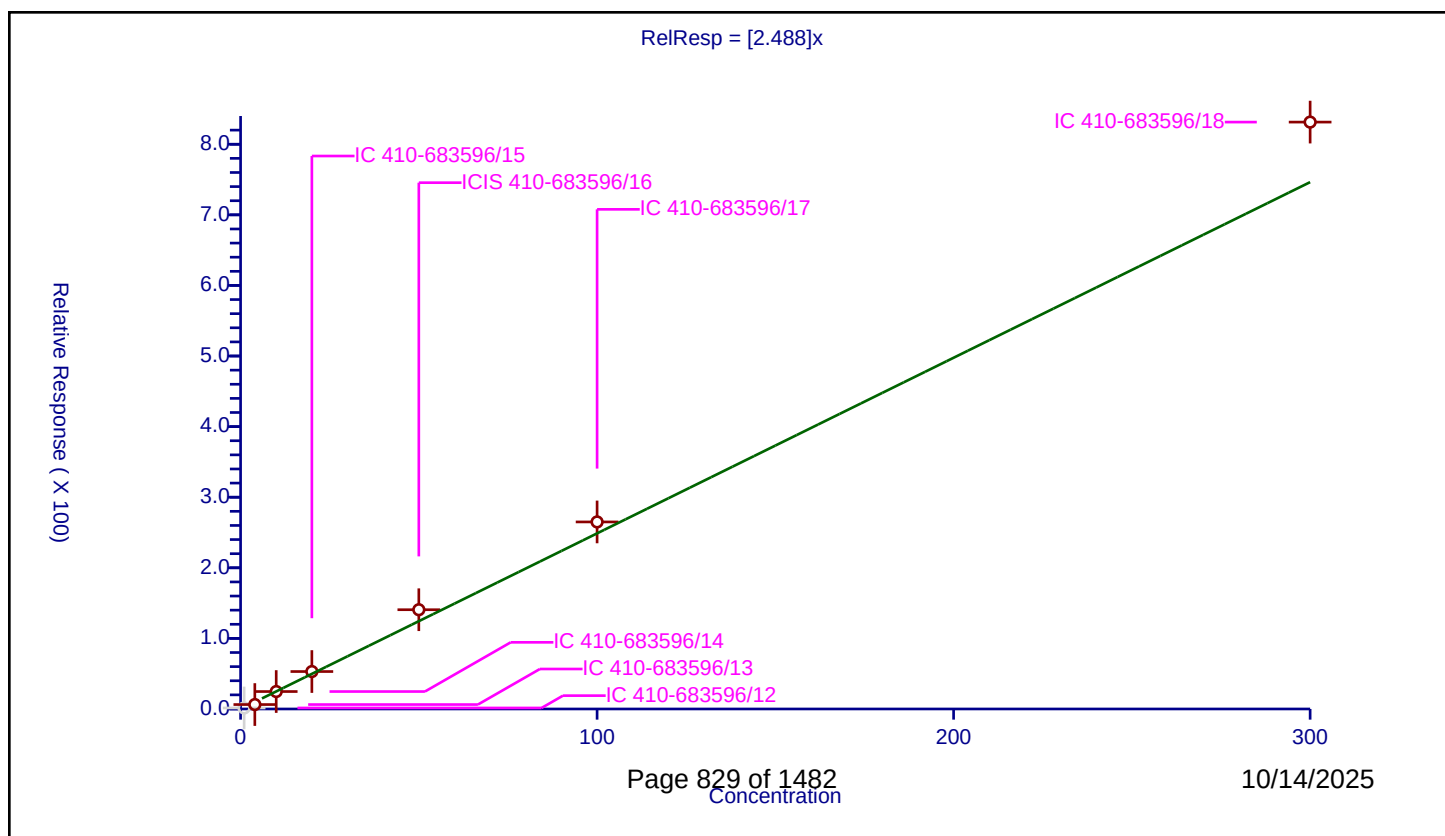
Curve Coefficients

Intercept: 0
Slope: 2.488

Error Coefficients

Relative Standard Deviation: 18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.466549	50.0	435478.0	1.466549	N
2	IC 410-683596/13	4.0	6.276254	50.0	459223.0	1.569063	Y
3	IC 410-683596/14	10.0	24.716683	50.0	431672.0	2.471668	Y
4	IC 410-683596/15	20.0	53.044856	50.0	441433.0	2.652243	Y
5	ICIS 410-683596/16	50.0	140.603967	50.0	444991.0	2.812079	Y
6	IC 410-683596/17	100.0	264.981607	50.0	449628.0	2.649816	Y
7	IC 410-683596/18	300.0	831.373285	50.0	478517.0	2.771244	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

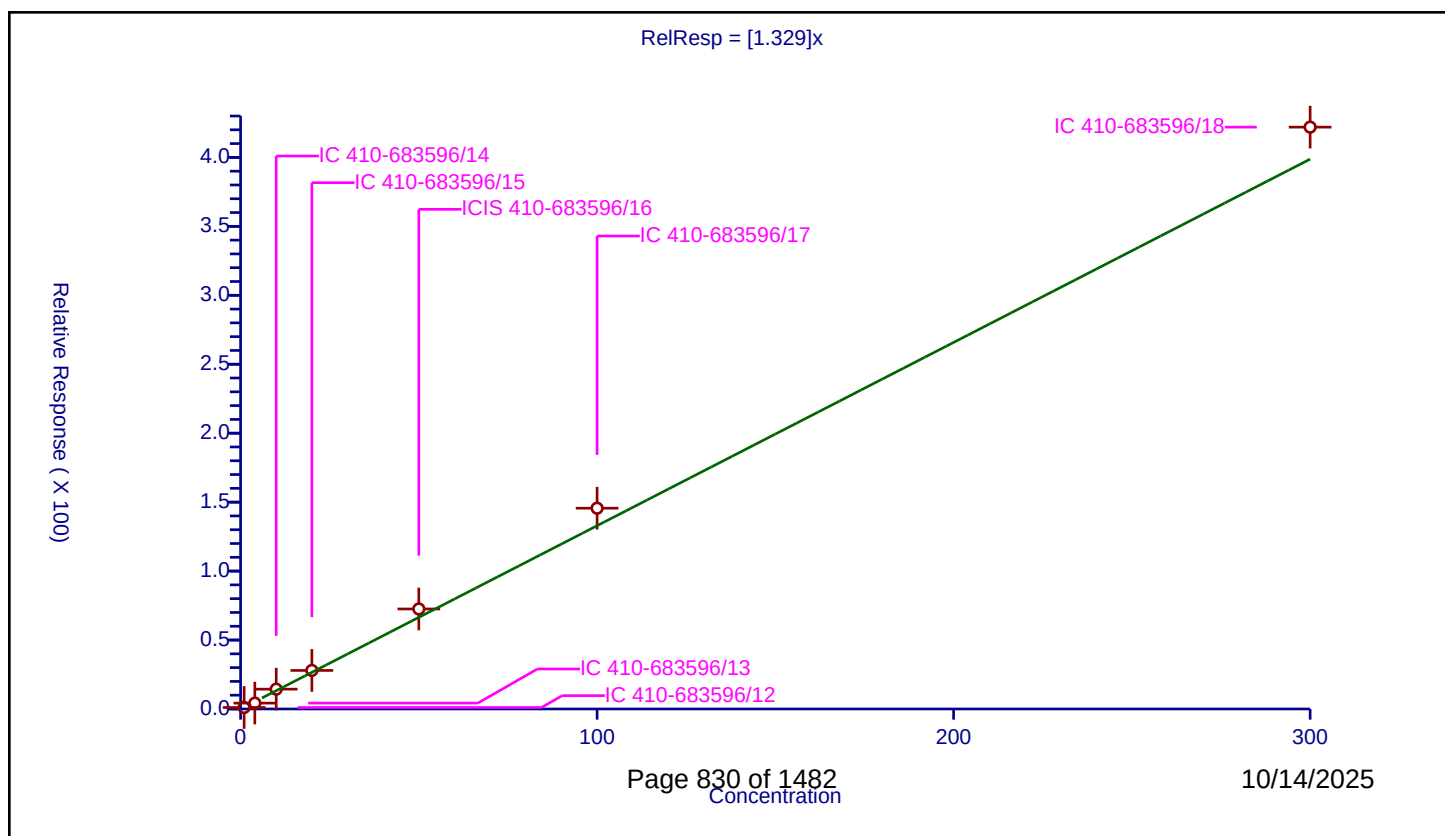
Curve Coefficients

Intercept: 0
Slope: 1.329

Error Coefficients

Relative Standard Deviation: 13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.091674	50.0	435478.0	1.091674	Y
2	IC 410-683596/13	4.0	4.257844	50.0	459223.0	1.064461	Y
3	IC 410-683596/14	10.0	14.369822	50.0	431672.0	1.436982	Y
4	IC 410-683596/15	20.0	27.943538	50.0	441433.0	1.397177	Y
5	ICIS 410-683596/16	50.0	72.534725	50.0	444991.0	1.450695	Y
6	IC 410-683596/17	100.0	145.604589	50.0	449628.0	1.456046	Y
7	IC 410-683596/18	300.0	421.945093	50.0	478517.0	1.406484	Y



Calibration

/ 1,2,3-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

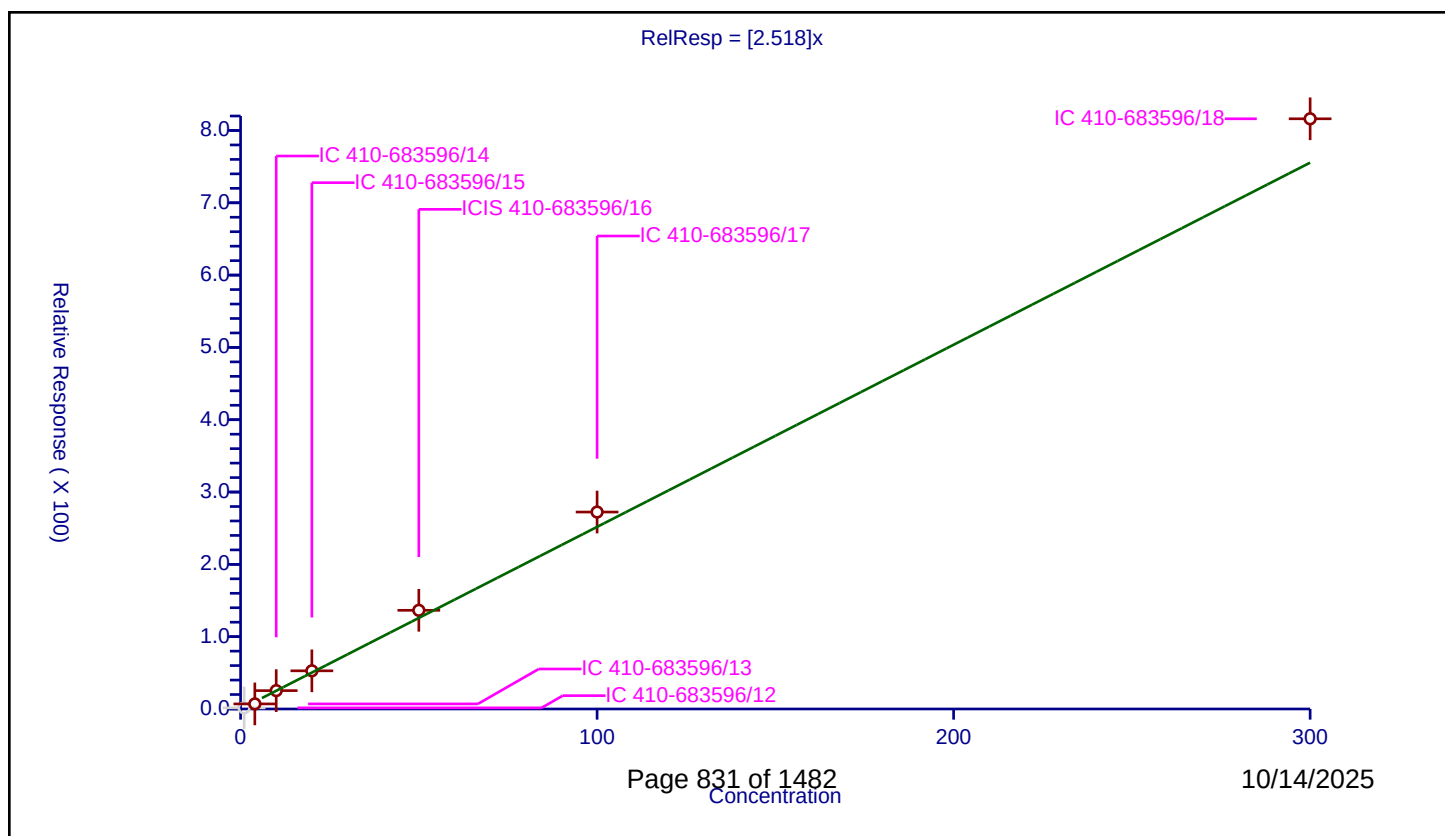
Curve Coefficients

Intercept: 0
Slope: 2.518

Error Coefficients

Relative Standard Deviation: 15.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.563569	50.0	435478.0	1.563569	N
2	IC 410-683596/13	4.0	7.040588	50.0	459223.0	1.760147	Y
3	IC 410-683596/14	10.0	25.372042	50.0	431672.0	2.537204	Y
4	IC 410-683596/15	20.0	52.785927	50.0	441433.0	2.639296	Y
5	ICIS 410-683596/16	50.0	136.451973	50.0	444991.0	2.729039	Y
6	IC 410-683596/17	100.0	272.343804	50.0	449628.0	2.723438	Y
7	IC 410-683596/18	300.0	816.168496	50.0	478517.0	2.720562	Y



Calibration

/ Benzyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

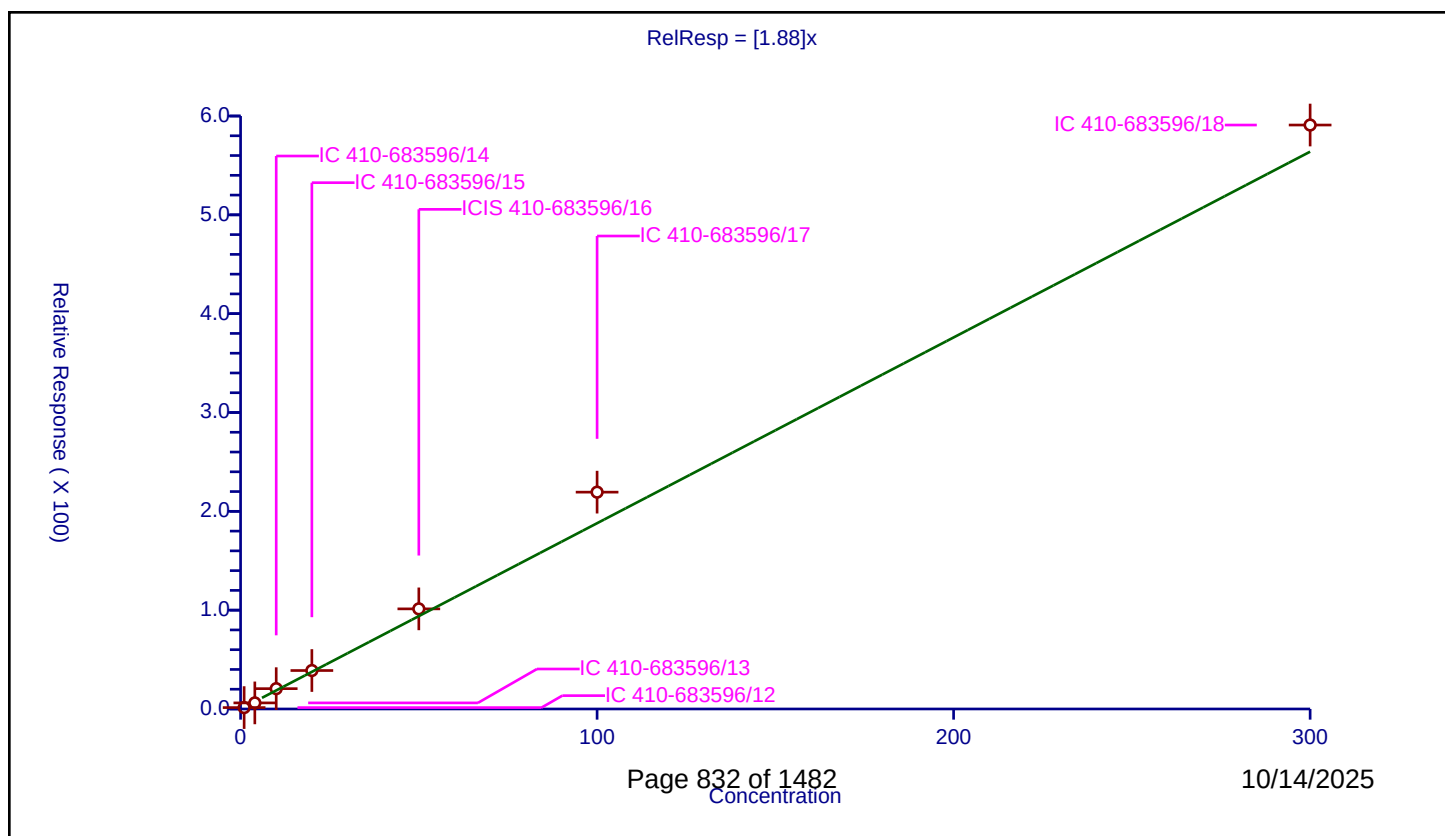
Curve Coefficients

Intercept: 0
Slope: 1.88

Error Coefficients

Relative Standard Deviation: 15.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.422919	50.0	435478.0	1.422919	Y
2	IC 410-683596/13	4.0	6.172709	50.0	459223.0	1.543177	Y
3	IC 410-683596/14	10.0	20.561329	50.0	431672.0	2.056133	Y
4	IC 410-683596/15	20.0	38.915305	50.0	441433.0	1.945765	Y
5	ICIS 410-683596/16	50.0	101.303734	50.0	444991.0	2.026075	Y
6	IC 410-683596/17	100.0	219.404708	50.0	449628.0	2.194047	Y
7	IC 410-683596/18	300.0	590.880052	50.0	478517.0	1.9696	Y



Calibration

/ 1,3-Diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

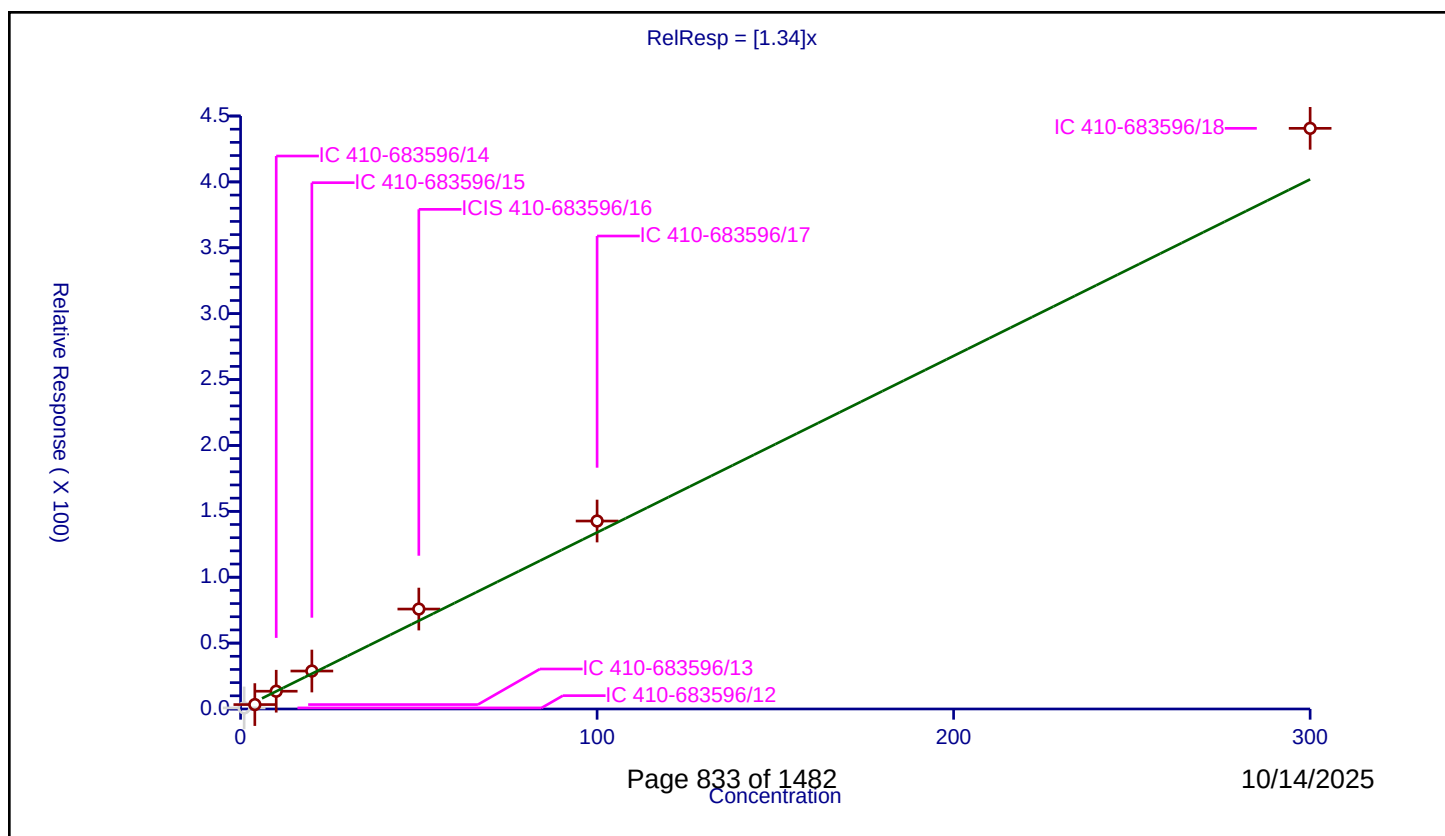
Curve Coefficients

Intercept: 0
Slope: 1.34

Error Coefficients

Relative Standard Deviation: 18.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.827137	50.0	435478.0	0.827137	N
2	IC 410-683596/13	4.0	3.34968	50.0	459223.0	0.83742	Y
3	IC 410-683596/14	10.0	13.484081	50.0	431672.0	1.348408	Y
4	IC 410-683596/15	20.0	28.807769	50.0	441433.0	1.440388	Y
5	ICIS 410-683596/16	50.0	75.837264	50.0	444991.0	1.516745	Y
6	IC 410-683596/17	100.0	142.643474	50.0	449628.0	1.426435	Y
7	IC 410-683596/18	300.0	440.646309	50.0	478517.0	1.468821	Y



Calibration

/ p-Diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

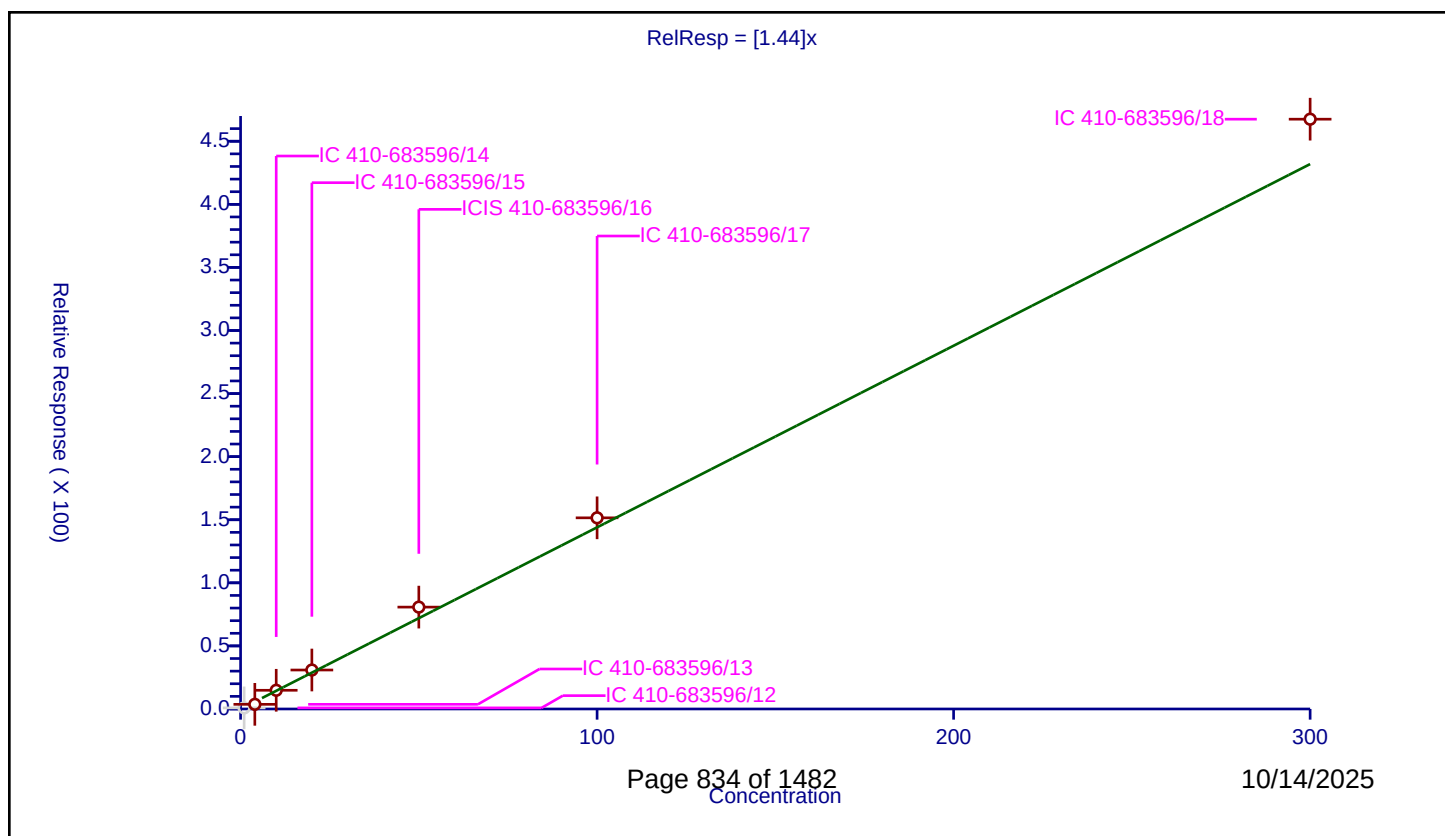
Curve Coefficients

Intercept: 0
Slope: 1.44

Error Coefficients

Relative Standard Deviation: 17.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.877541	50.0	435478.0	0.877541	N
2	IC 410-683596/13	4.0	3.690582	50.0	459223.0	0.922645	Y
3	IC 410-683596/14	10.0	14.818195	50.0	431672.0	1.48182	Y
4	IC 410-683596/15	20.0	30.893137	50.0	441433.0	1.544657	Y
5	ICIS 410-683596/16	50.0	80.750847	50.0	444991.0	1.615017	Y
6	IC 410-683596/17	100.0	151.526595	50.0	449628.0	1.515266	Y
7	IC 410-683596/18	300.0	467.493004	50.0	478517.0	1.55831	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

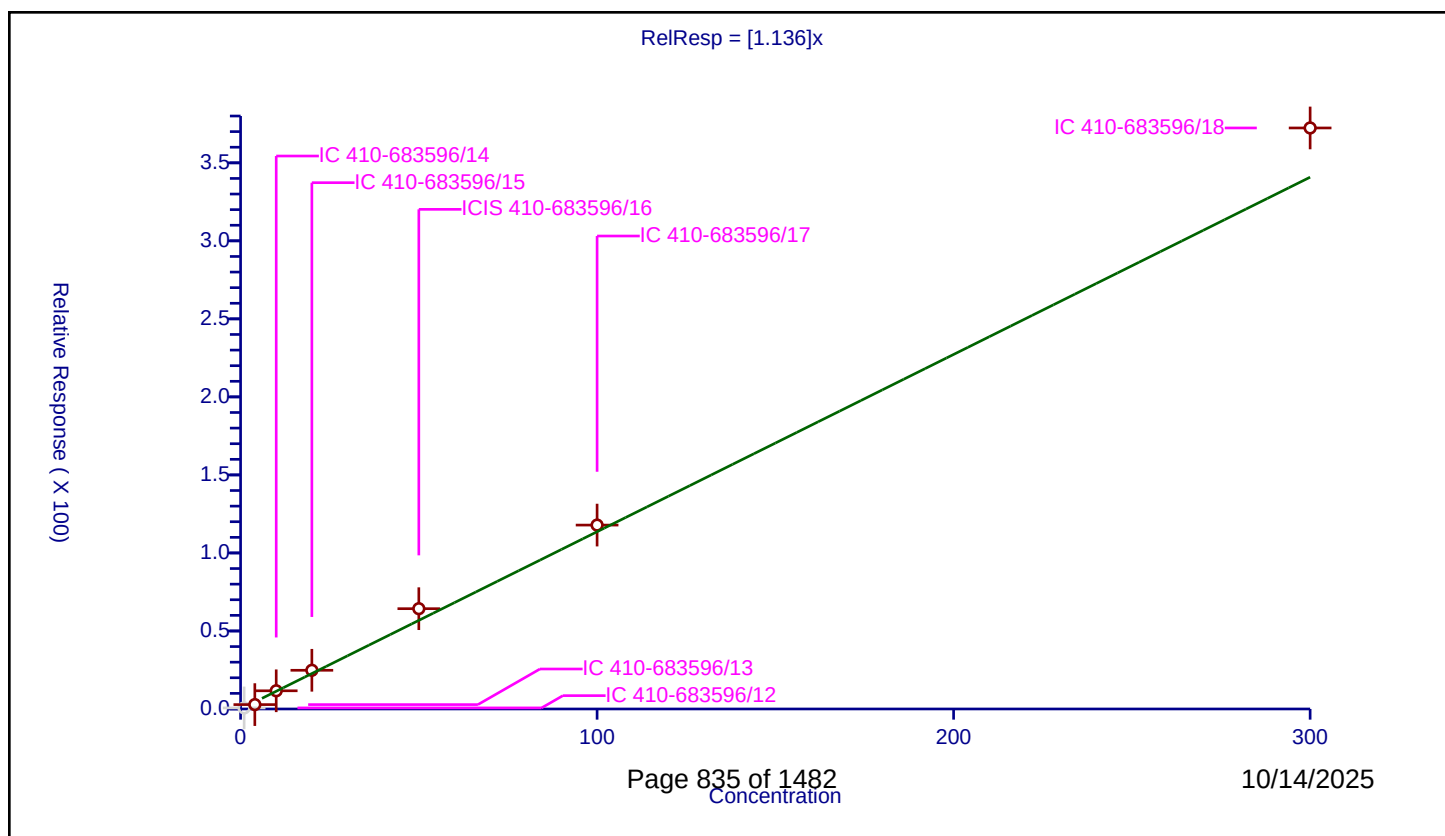
Curve Coefficients

Intercept: 0
Slope: 1.136

Error Coefficients

Relative Standard Deviation: 19.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.68465	50.0	435478.0	0.68465	N
2	IC 410-683596/13	4.0	2.818456	50.0	459223.0	0.704614	Y
3	IC 410-683596/14	10.0	11.660242	50.0	431672.0	1.166024	Y
4	IC 410-683596/15	20.0	24.800932	50.0	441433.0	1.240047	Y
5	ICIS 410-683596/16	50.0	64.280514	50.0	444991.0	1.28561	Y
6	IC 410-683596/17	100.0	117.854426	50.0	449628.0	1.178544	Y
7	IC 410-683596/18	300.0	372.348736	50.0	478517.0	1.241162	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

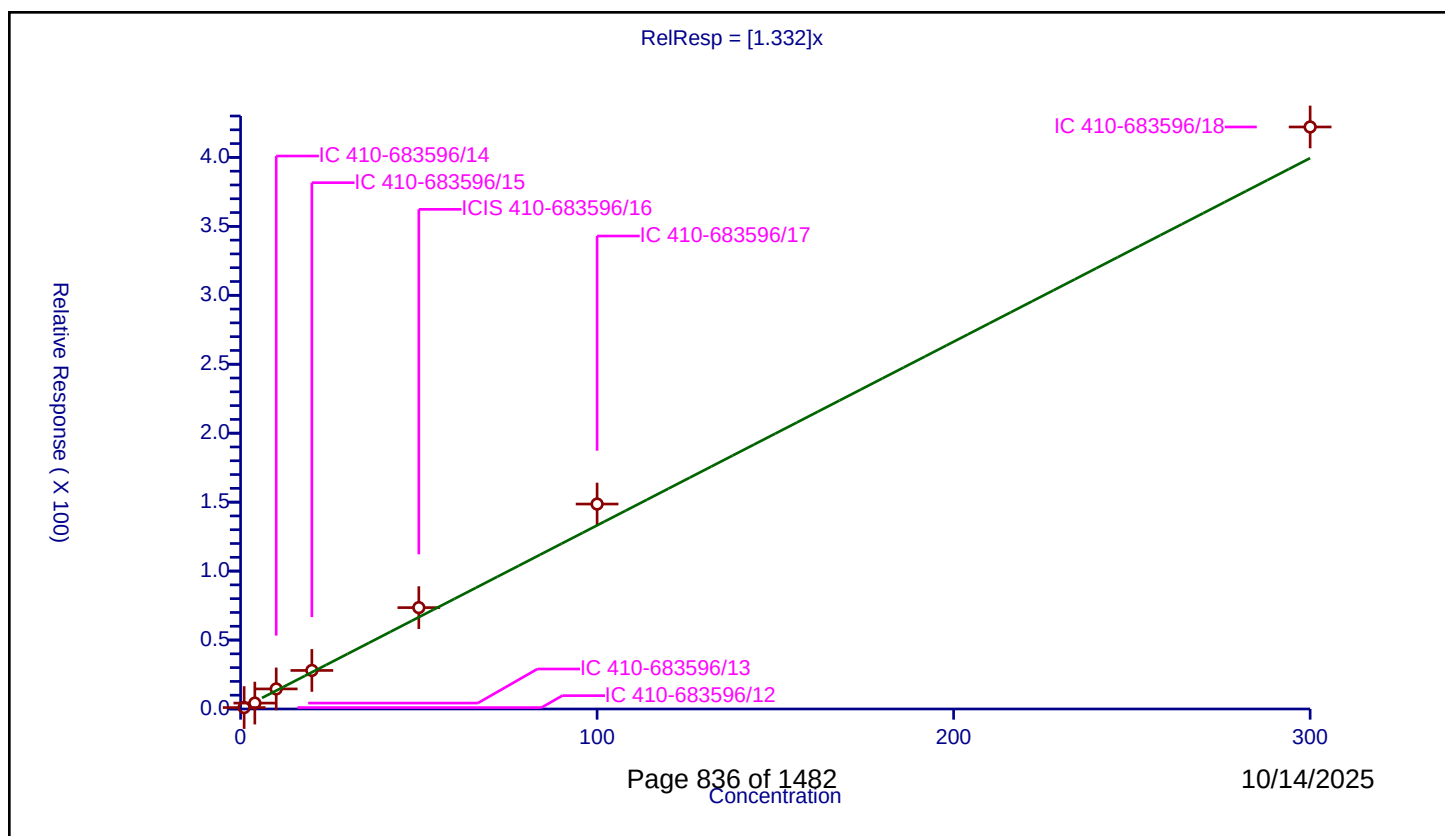
Curve Coefficients

Intercept: 0
Slope: 1.332

Error Coefficients

Relative Standard Deviation: 14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.036332	50.0	435478.0	1.036332	Y
2	IC 410-683596/13	4.0	4.275809	50.0	459223.0	1.068952	Y
3	IC 410-683596/14	10.0	14.549357	50.0	431672.0	1.454936	Y
4	IC 410-683596/15	20.0	27.950788	50.0	441433.0	1.397539	Y
5	ICIS 410-683596/16	50.0	73.506992	50.0	444991.0	1.47014	Y
6	IC 410-683596/17	100.0	148.622862	50.0	449628.0	1.486229	Y
7	IC 410-683596/18	300.0	422.043835	50.0	478517.0	1.406813	Y



Calibration

/ o-diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

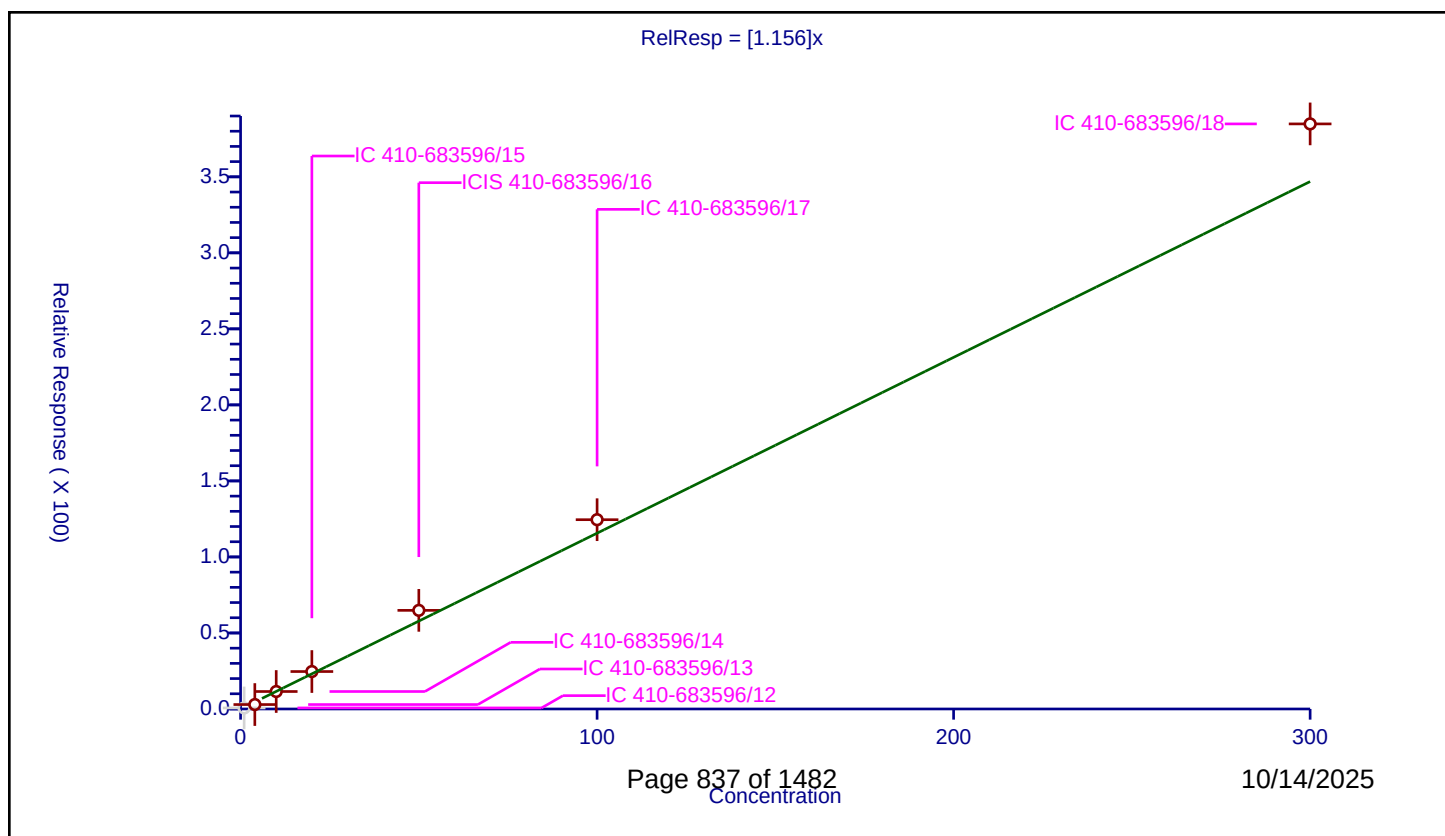
Curve Coefficients

Intercept: 0
Slope: 1.156

Error Coefficients

Relative Standard Deviation: 18.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.687635	50.0	435478.0	0.687635	N
2	IC 410-683596/13	4.0	2.925485	50.0	459223.0	0.731371	Y
3	IC 410-683596/14	10.0	11.502483	50.0	431672.0	1.150248	Y
4	IC 410-683596/15	20.0	24.630352	50.0	441433.0	1.231518	Y
5	ICIS 410-683596/16	50.0	64.859514	50.0	444991.0	1.29719	Y
6	IC 410-683596/17	100.0	124.494805	50.0	449628.0	1.244948	Y
7	IC 410-683596/18	300.0	384.807959	50.0	478517.0	1.282693	Y



Calibration

/ 1,2-Dibromo-3-Chloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

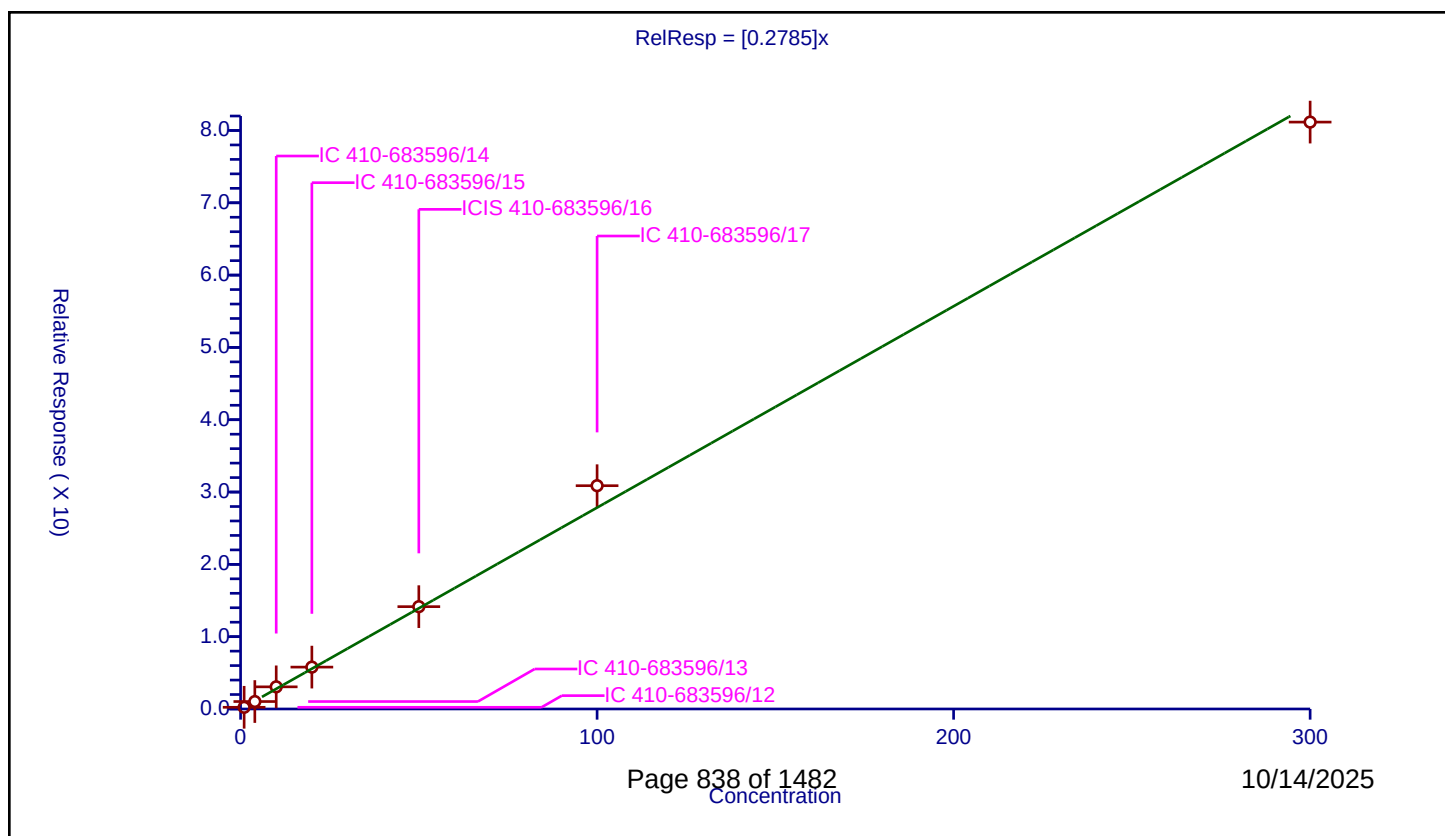
Curve Coefficients

Intercept: 0
Slope: 0.2785

Error Coefficients

Relative Standard Deviation: 9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.233766	50.0	435478.0	0.233766	Y
2	IC 410-683596/13	4.0	1.029347	50.0	459223.0	0.257337	Y
3	IC 410-683596/14	10.0	3.063205	50.0	431672.0	0.306321	Y
4	IC 410-683596/15	20.0	5.791253	50.0	441433.0	0.289563	Y
5	ICIS 410-683596/16	50.0	14.1495	50.0	444991.0	0.28299	Y
6	IC 410-683596/17	100.0	30.878971	50.0	449628.0	0.30879	Y
7	IC 410-683596/18	300.0	81.157409	50.0	478517.0	0.270525	Y



Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

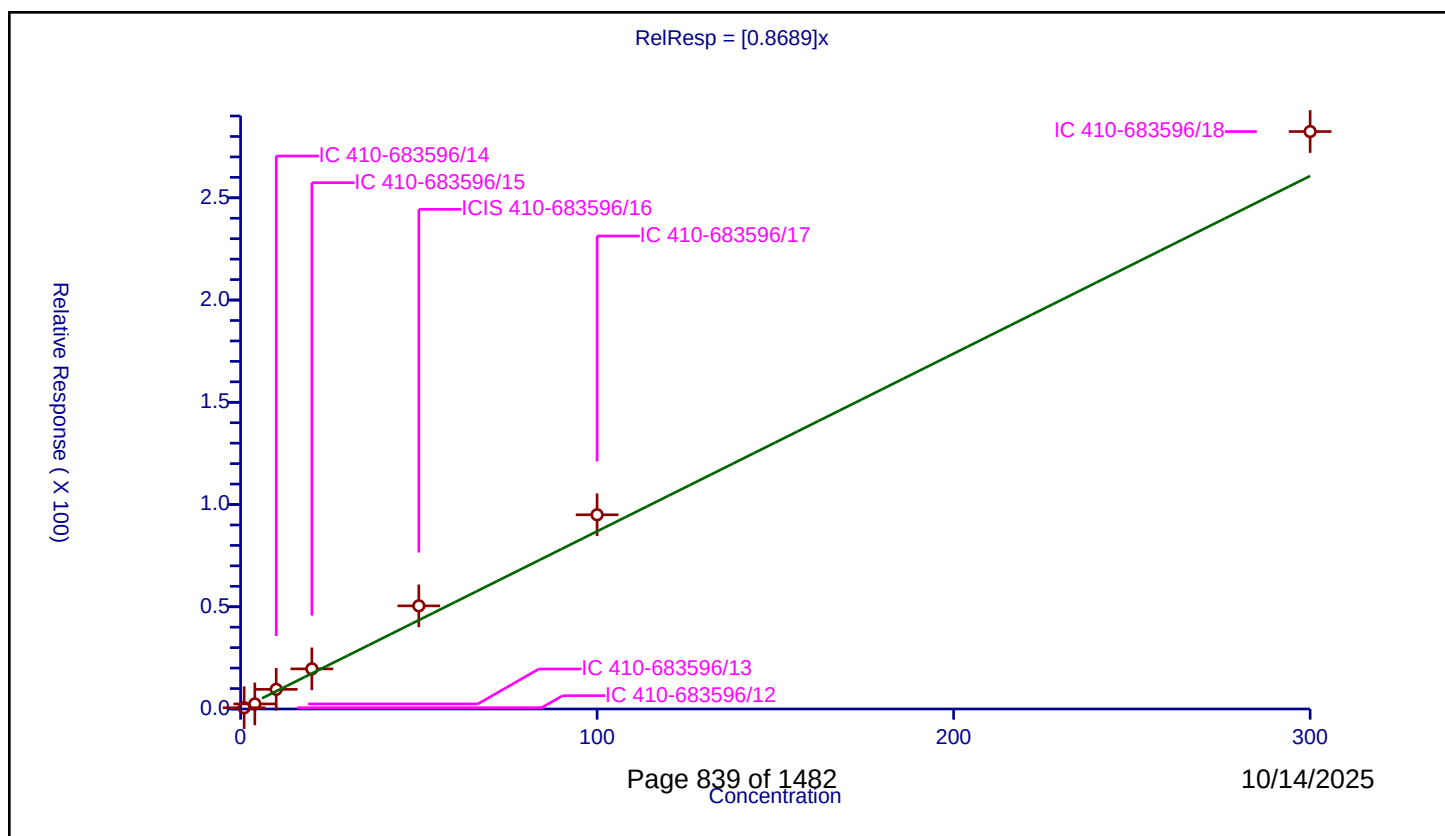
Curve Coefficients

Intercept: 0
Slope: 0.8689

Error Coefficients

Relative Standard Deviation: 19.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.618401	50.0	435478.0	0.618401	Y
2	IC 410-683596/13	4.0	2.489858	50.0	459223.0	0.622464	Y
3	IC 410-683596/14	10.0	9.601966	50.0	431672.0	0.960197	Y
4	IC 410-683596/15	20.0	19.625402	50.0	441433.0	0.98127	Y
5	ICIS 410-683596/16	50.0	50.441919	50.0	444991.0	1.008838	Y
6	IC 410-683596/17	100.0	94.987189	50.0	449628.0	0.949872	Y
7	IC 410-683596/18	300.0	282.410656	50.0	478517.0	0.941369	Y



Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

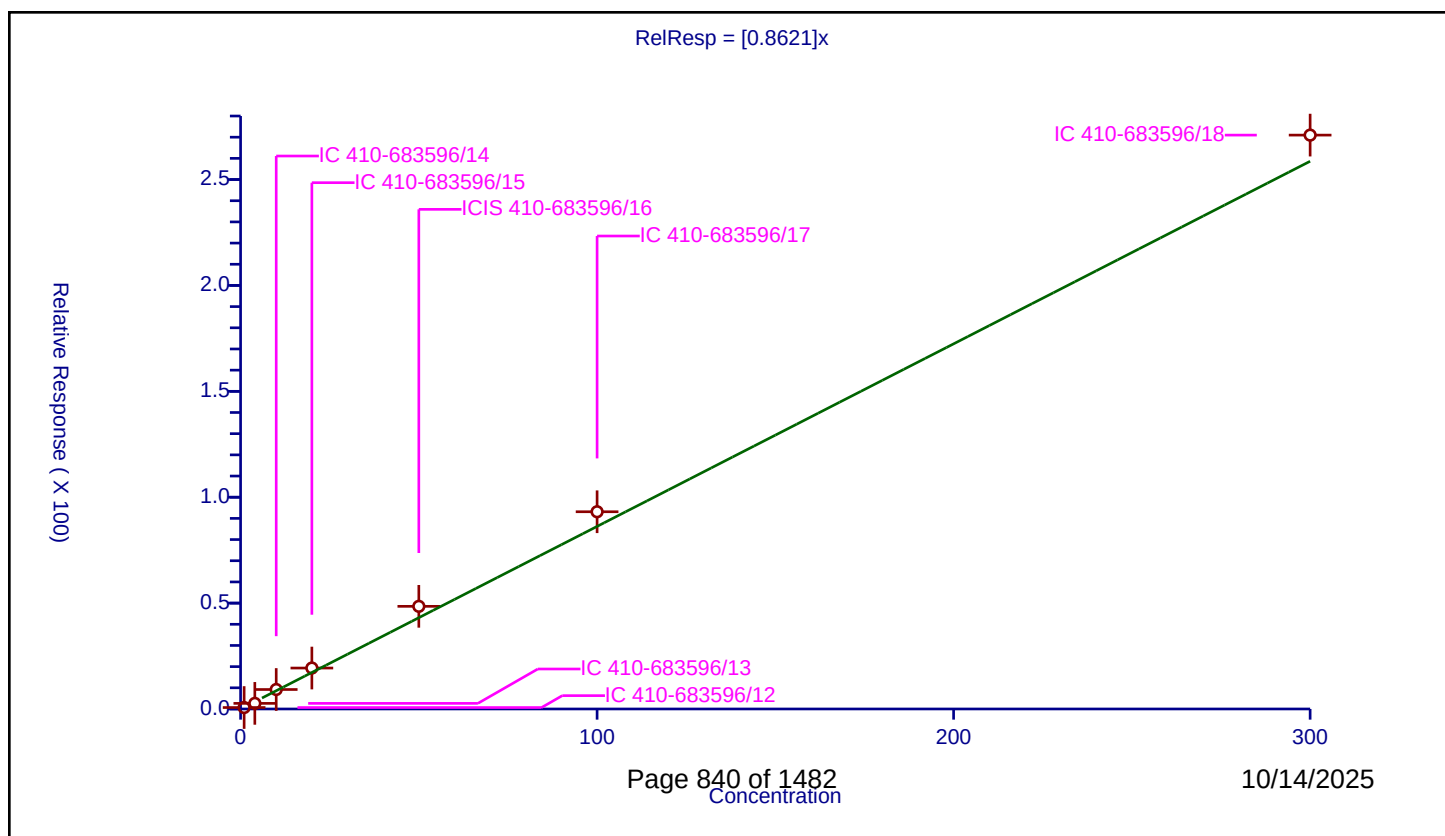
Curve Coefficients

Intercept: 0
Slope: 0.8621

Error Coefficients

Relative Standard Deviation: 15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.680057	50.0	435478.0	0.680057	Y
2	IC 410-683596/13	4.0	2.655028	50.0	459223.0	0.663757	Y
3	IC 410-683596/14	10.0	9.198767	50.0	431672.0	0.919877	Y
4	IC 410-683596/15	20.0	19.337023	50.0	441433.0	0.966851	Y
5	ICIS 410-683596/16	50.0	48.475138	50.0	444991.0	0.969503	Y
6	IC 410-683596/17	100.0	93.138328	50.0	449628.0	0.931383	Y
7	IC 410-683596/18	300.0	270.978878	50.0	478517.0	0.903263	Y



Calibration

/ 2-Ethylhexyl acrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

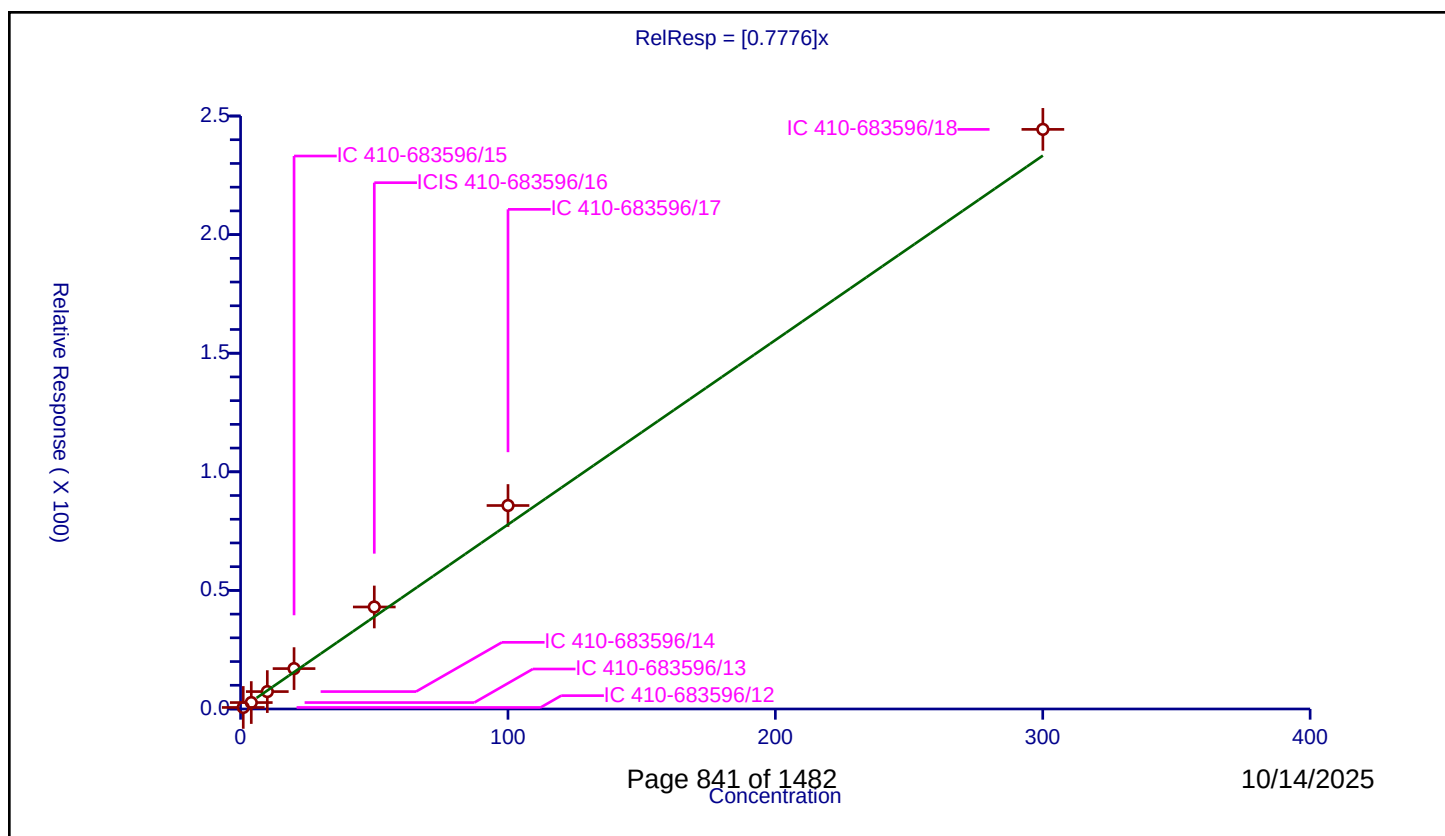
Curve Coefficients

Intercept: 0
Slope: 0.7776

Error Coefficients

Relative Standard Deviation: 11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.000171	0.648483	50.0	435478.0	0.648372	Y
2	IC 410-683596/13	4.000685	2.713061	50.0	459223.0	0.678149	Y
3	IC 410-683596/14	10.001712	7.331724	50.0	431672.0	0.733047	Y
4	IC 410-683596/15	20.003424	17.030444	50.0	441433.0	0.851376	Y
5	ICIS 410-683596/16	50.00856	43.013791	50.0	444991.0	0.860129	Y
6	IC 410-683596/17	100.01712	85.785472	50.0	449628.0	0.857708	Y
7	IC 410-683596/18	300.05136	244.371151	50.0	478517.0	0.814431	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

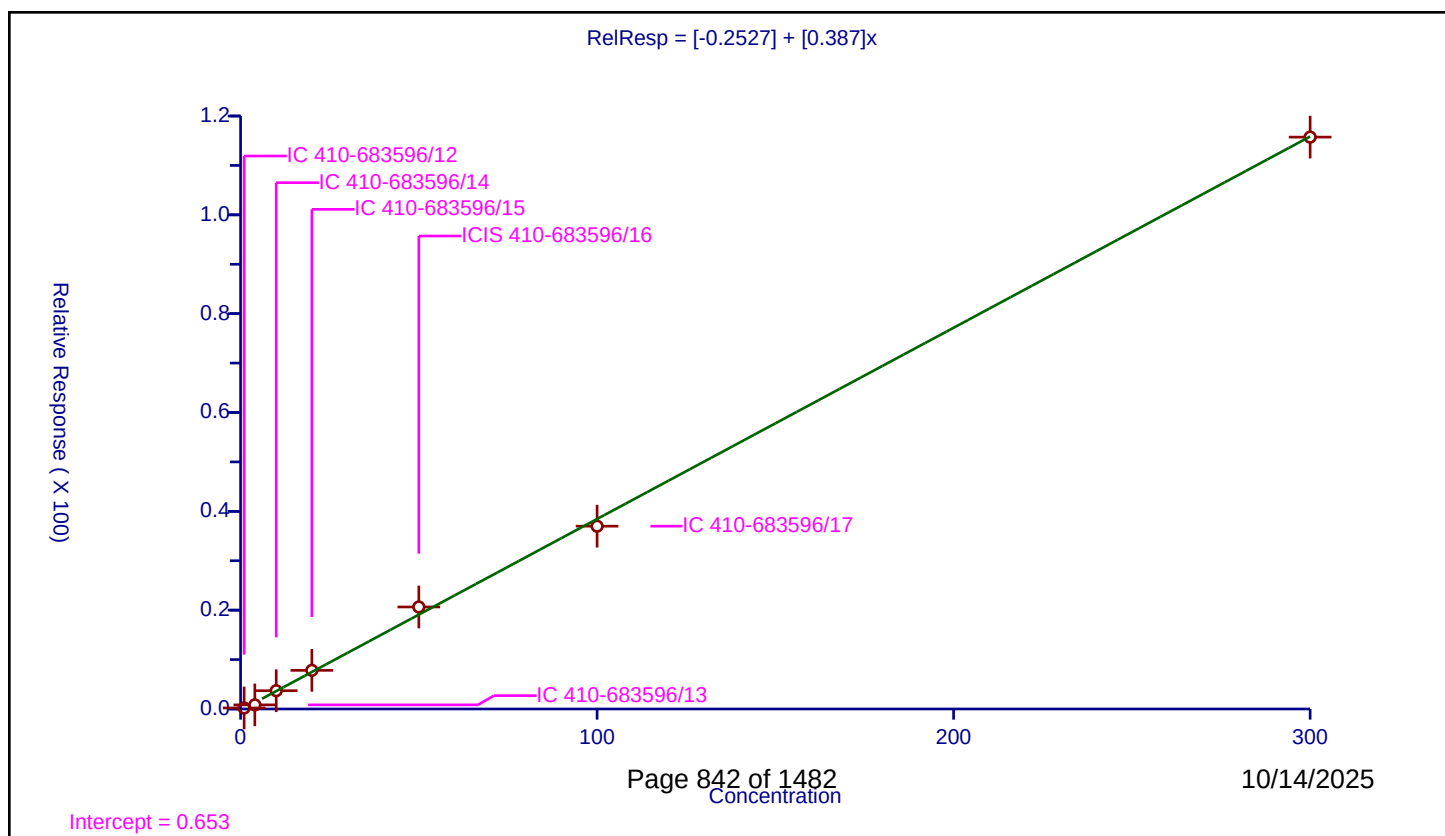
Curve Coefficients

Intercept: -0.2527
Slope: 0.387

Error Coefficients

Relative Standard Deviation: 16.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.208507	50.0	435478.0	0.208507	Y
2	IC 410-683596/13	4.0	0.835542	50.0	459223.0	0.208885	Y
3	IC 410-683596/14	10.0	3.6998	50.0	431672.0	0.36998	Y
4	IC 410-683596/15	20.0	7.817041	50.0	441433.0	0.390852	Y
5	ICIS 410-683596/16	50.0	20.64435	50.0	444991.0	0.412887	Y
6	IC 410-683596/17	100.0	36.993359	50.0	449628.0	0.369934	Y
7	IC 410-683596/18	300.0	115.732565	50.0	478517.0	0.385775	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

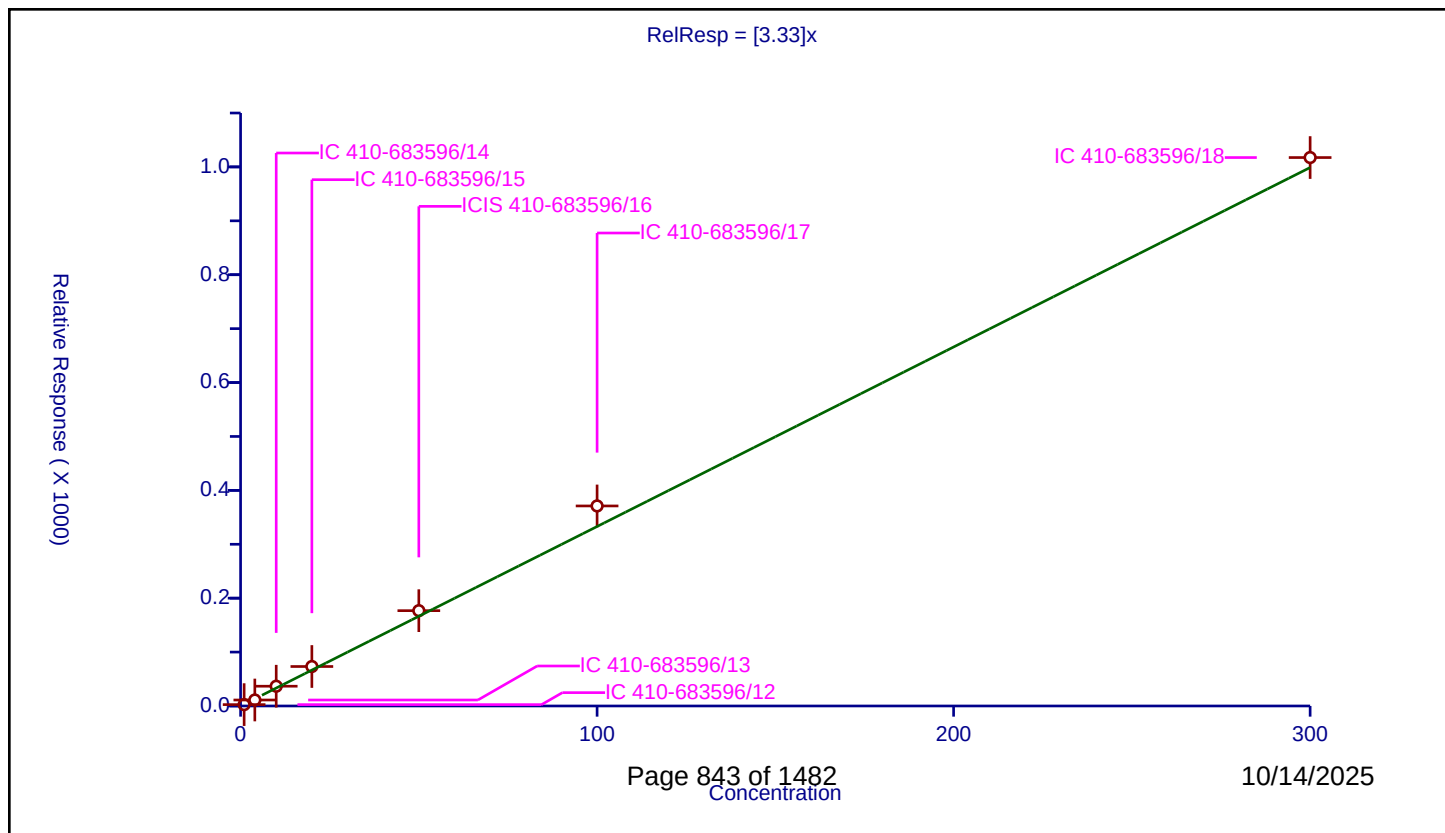
Curve Coefficients

Intercept: 0
Slope: 3.33

Error Coefficients

Relative Standard Deviation: 14.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	2.563505	50.0	435478.0	2.563505	Y
2	IC 410-683596/13	4.0	11.109962	50.0	459223.0	2.77749	Y
3	IC 410-683596/14	10.0	36.670782	50.0	431672.0	3.667078	Y
4	IC 410-683596/15	20.0	73.222324	50.0	441433.0	3.661116	Y
5	ICIS 410-683596/16	50.0	176.802789	50.0	444991.0	3.536056	Y
6	IC 410-683596/17	100.0	371.099553	50.0	449628.0	3.710996	Y
7	IC 410-683596/18	300.0	1017.407532	50.0	478517.0	3.391358	Y



Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

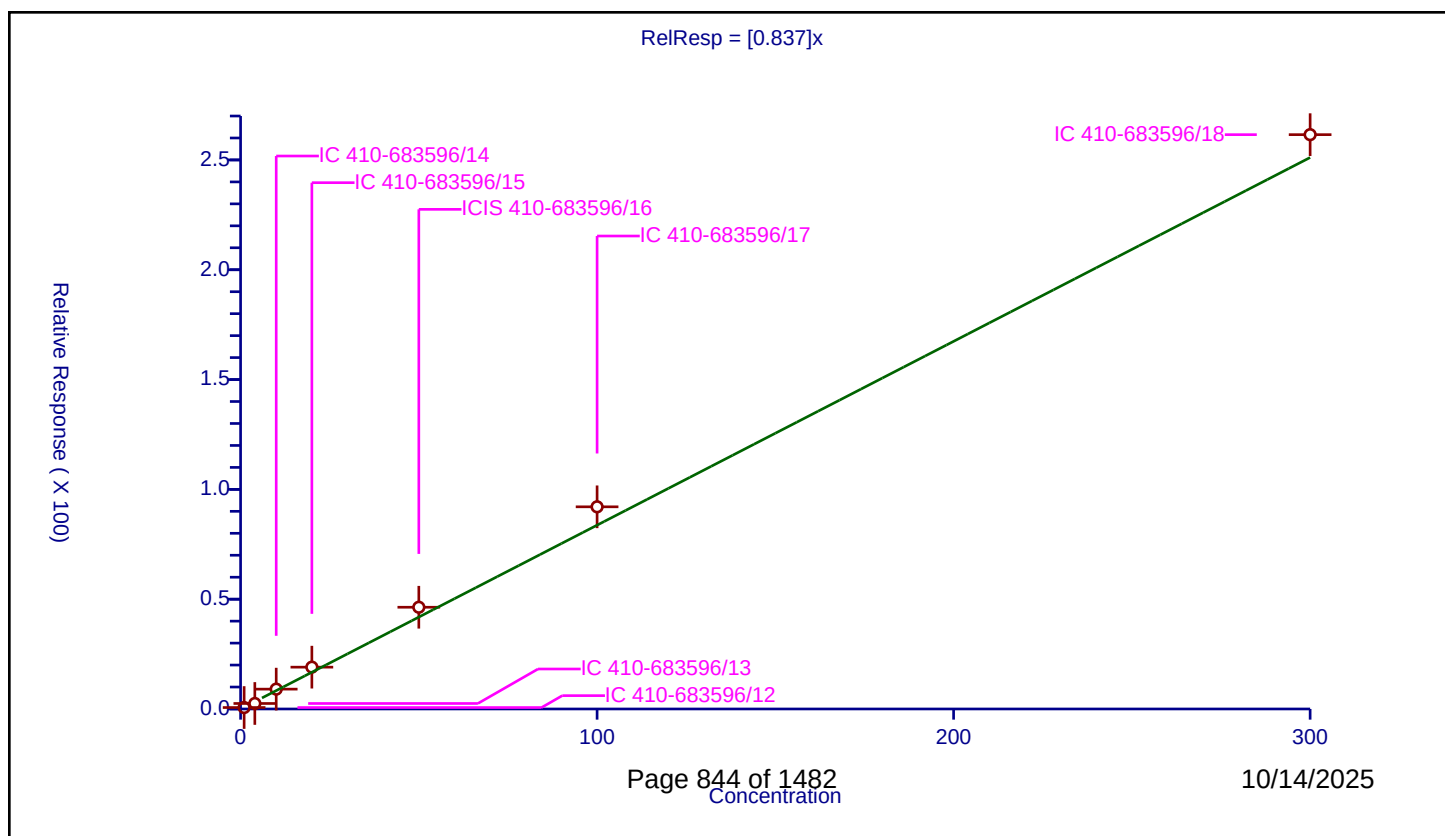
Curve Coefficients

Intercept: 0
Slope: 0.837

Error Coefficients

Relative Standard Deviation: 16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.656635	50.0	435478.0	0.656635	Y
2	IC 410-683596/13	4.0	2.506952	50.0	459223.0	0.626738	Y
3	IC 410-683596/14	10.0	9.045641	50.0	431672.0	0.904564	Y
4	IC 410-683596/15	20.0	19.047511	50.0	441433.0	0.952376	Y
5	ICIS 410-683596/16	50.0	46.323296	50.0	444991.0	0.926466	Y
6	IC 410-683596/17	100.0	92.058213	50.0	449628.0	0.920582	Y
7	IC 410-683596/18	300.0	261.512339	50.0	478517.0	0.871708	Y



Calibration

/ 2-Methylnaphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

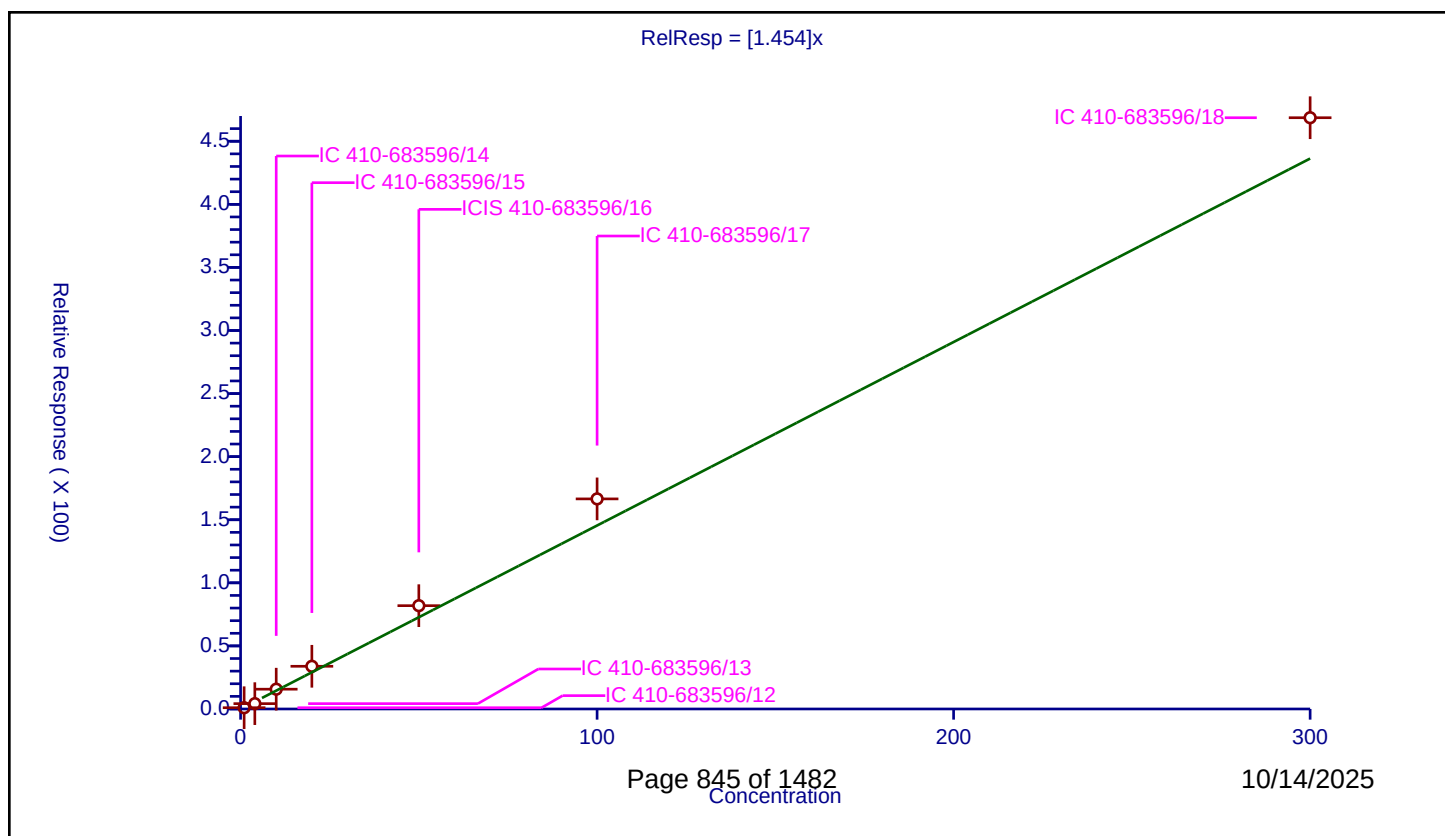
Curve Coefficients

Intercept: 0
Slope: 1.454

Error Coefficients

Relative Standard Deviation: 20.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.995458	50.0	435478.0	0.995458	Y
2	IC 410-683596/13	4.0	4.229753	50.0	459223.0	1.057438	Y
3	IC 410-683596/14	10.0	15.686563	50.0	431672.0	1.568656	Y
4	IC 410-683596/15	20.0	33.859159	50.0	441433.0	1.692958	Y
5	ICIS 410-683596/16	50.0	81.893679	50.0	444991.0	1.637874	Y
6	IC 410-683596/17	100.0	166.52922	50.0	449628.0	1.665292	Y
7	IC 410-683596/18	300.0	468.651793	50.0	478517.0	1.562173	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 15:13 Calibration End Date: 09/22/2025 16:52 Calibration ID: 76948

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-702728/3	NS22X03.D
Level 2	IC 410-702728/4	NS22X04.D
Level 3	IC 410-702728/5	NS22X05.D
Level 4	IC 410-702728/6	NS22X06.D
Level 5	IC 410-702728/7	NS22X07.D
Level 6	IC 410-702728/8	NS22X08.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.1833 0.2685	0.2382	0.2659	0.2878	0.3211	Ave		0.260 8				18.0		20.0			
Chlorodifluoromethane	7.5312 8.5783	8.9779	8.7044	8.6957	9.1255	Ave		8.602 2				6.5		20.0			
Freon 133a	0.4065 0.4645	0.4818	0.4774	0.4698	0.4997	Ave		0.466 6				6.8		20.0			
Ethyl ether	0.1626 0.1683	0.1617	0.1669	0.1653	0.1623	Ave		0.164 5				1.6		20.0			
Acetonitrile	1.1358 0.8114	0.9337	0.8992	0.8657	0.8209	Ave		0.911 1				13.1		20.0			
Vinyl acetate	0.4238 0.4241	0.4169	0.4449	0.3823	0.4243	Ave		0.419 4				4.9		20.0			
Ethyl acetate	0.2532 0.2572	0.2375	0.2630	0.2574	0.2511	Ave		0.253 2				3.4		20.0			
Isopropyl acetate	0.4760 0.5142	0.4578	0.5123	0.5019	0.4940	Ave		0.492 7				4.5		20.0			
n-Propyl acetate	0.1135 0.1196	0.1026	0.1192	0.1175	0.1163	Ave		0.114 8				5.6		20.0			
3,4-Dichloro-1-butene	0.3213 0.3843	0.3204	0.3278	0.3460	0.3505	Ave		0.341 7				7.1		20.0			
Butyl acetate	0.4762 0.5199	0.4552	0.5062	0.5017	0.5076	Ave		0.494 4				4.9		20.0			
cis-1,4-Dichloro-2-butene	0.1575 0.2007	0.1631	0.1736	0.1834	0.1891	Ave		0.177 9				9.2		20.0			
2,3,4-Trichlorobutene	0.6011 0.7330	0.6018	0.6489	0.6784	0.6906	Ave		0.659 0				7.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 15:13 Calibration End Date: 09/22/2025 16:52 Calibration ID: 76948

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-702728/3	NS22X03.D
Level 2	IC 410-702728/4	NS22X04.D
Level 3	IC 410-702728/5	NS22X05.D
Level 4	IC 410-702728/6	NS22X06.D
Level 5	IC 410-702728/7	NS22X07.D
Level 6	IC 410-702728/8	NS22X08.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	15549 1585444	51206	113092	307481	680301	4.00 300	10.0	20.0	50.0	100
Chlorodifluoromethane	TBAd1 0	Ave	35168 2877561	107919	205389	510335	1084450	4.00 300	10.0	20.0	50.0	100
Freon 133a	FB	Ave	34492 2743478	103575	203070	501965	1058550	4.00 300	10.0	20.0	50.0	100
Ethyl ether	FB	Ave	13803 994011	34773	71032	176677	343977	4.00 300	10.0	20.0	50.0	100
Acetonitrile	TBAd1 0	Ave	26520 1360930	56120	106093	254025	487783	20.0 1500	50.0	100	250	500
Vinyl acetate	FB	Ave	35956 2504495	89637	189257	408478	898865	4.00 300	10.0	20.0	50.0	100
Ethyl acetate	FB	Ave	21481 1519226	51059	111854	274994	532051	4.00 300	10.0	20.0	50.0	100
Isopropyl acetate	FB	Ave	40389 3036660	98420	217904	536275	1046620	4.00 300	10.0	20.0	50.0	100
n-Propyl acetate	FB	Ave	9634 706340	22053	50718	125584	246494	4.00 300	10.0	20.0	50.0	100
3,4-Dichloro-1-butene	CBZd5	Ave	21736 1829648	54160	110971	297636	586493	4.00 300	10.0	20.0	50.0	100
Butyl acetate	CBZd5	Ave	32199 2474089	76910	171279	431388	848959	4.00 300	10.0	20.0	50.0	100
cis-1,4-Dichloro-2-butene	CBZd5	Ave	10652 954983	27563	58725	157666	316193	4.00 300	10.00	20.0	50.0	100.0
2,3,4-Trichlorobutene	DCBd4	Ave	24398 2121522	61309	129191	345414	693462	4.00 300	10.0	20.0	50.0	100
Pentachloroethane	DCBd4	Ave	17894 1117802	52172	91741	122466	414276	4.00 300	10.0	20.0	50.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

Analy Batch No.: 702728

SDG No.:

Instrument ID: 7159

GC Column: R-624SilMS ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 15:13

Calibration End Date: 09/22/2025 16:52

Calibration ID: 76948

Curve Type Legend:

Ave = Average ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 15:13 Calibration End Date: 09/22/2025 16:52 Calibration ID: 76948

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-702728/3	NS22X03.D
Level 2	IC 410-702728/4	NS22X04.D
Level 3	IC 410-702728/5	NS22X05.D
Level 4	IC 410-702728/6	NS22X06.D
Level 5	IC 410-702728/7	NS22X07.D
Level 6	IC 410-702728/8	NS22X08.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Chlorotrifluoroethene	-29.7	-8.7	2.0	10.4	23.1	2.9	50	30	30	30	30	30
Chlorodifluoromethane	-12.5	4.4	1.2	1.1	6.1	-0.3	50	30	30	30	30	30
Freon 133a	-12.9	3.2	2.3	0.7	7.1	-0.4	50	30	30	30	30	30
Ethyl ether	-1.1	-1.7	1.5	0.5	-1.3	2.3	50	30	30	30	30	30
Acetonitrile	24.7	2.5	-1.3	-5.0	-9.9	-10.9	50	30	30	30	30	30
Vinyl acetate	1.1	-0.6	6.1	-8.8	1.2	1.1	50	30	30	30	30	30
Ethyl acetate	0.0	-6.2	3.8	1.6	-0.8	1.6	50	30	30	30	30	30
Isopropyl acetate	-3.4	-7.1	4.0	1.9	0.3	4.4	50	30	30	30	30	30
n-Propyl acetate	-1.1	-10.7	3.9	2.4	1.3	4.2	50	30	30	30	30	30
3,4-Dichloro-1-butene	-6.0	-6.2	-4.1	1.2	2.6	12.5	50	30	30	30	30	30
Butyl acetate	-3.7	-7.9	2.4	1.5	2.7	5.2	50	30	30	30	30	30
cis-1,4-Dichloro-2-butene	-11.4	-8.3	-2.4	3.1	6.3	12.8	50	30	30	30	30	30
2,3,4-Trichlorobutene	-8.8	-8.7	-1.5	2.9	4.8	11.2	50	30	30	30	30	30
Pentachloroethane	7.8	25.3	12.7	-41.2 *	0.9	-5.5	50	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X03.D
 Lims ID: IC sm v4
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 22-Sep-2025 15:13:33 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-003
 Misc. Info.: IC SM V4
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub36
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:35:10 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: JS6E

Date: 22-Sep-2025 18:29:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.987	1.984	0.003	41	15549	4.00	2.81	M
3 Chlorodifluoromethane	51	2.041	2.041	0.000	97	35168	4.00	3.50	M
7 2-Chloro-1,1,1-Trifluoroethane	118	2.434	2.443	-0.009	33	34492	4.00	3.48	M
14 Ethyl ether	59	3.421	3.414	0.007	91	13803	4.00	3.96	
23 Acetonitrile	41	4.224	4.225	-0.001	95	26520	20.0	24.9	M
* 27 t-Butyl alcohol-d10 (IS)	65	4.520	4.533	-0.013	1	291854	250.0	250.0	
34 Vinyl acetate	43	5.588	5.588	0.000	97	35956	4.00	4.04	
42 Ethyl acetate	43	6.469	6.459	0.010	98	21481	4.00	4.00	
58 Isopropyl acetate	43	7.684	7.681	0.003	99	40389	4.00	3.86	
* 62 Fluorobenzene (IS)	96	7.996	7.996	0.000	99	1060564	50.0	50.0	
73 n-Propyl acetate	61	8.967	8.958	0.009	95	9634	4.00	3.96	
125 3,4-Dichloro-1-butene	75	10.662	10.659	0.003	91	21736	4.00	3.76	
127 n-Butyl acetate	43	10.777	10.778	-0.001	98	32199	4.00	3.85	
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	86	845259	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	12.234	12.231	0.003	0	10652	4.00	3.54	
153 2,3,4-Trichlorobutene	109	12.694	12.691	0.003	0	24398	4.00	3.65	
156 Pentachloroethane	167	12.906	12.906	0.000	87	17894	4.00	4.31	
* 160 1,4-Dichlorobenzene-d4	152	13.192	13.189	0.003	93	507246	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_V5ACE_00054	Amount Added: 4.00	Units: uL
MSV_CCV_LKB_00014	Amount Added: 4.00	Units: uL
MSV_V_SMFreon_00052	Amount Added: 2.00	Units: uL
MSV_Cent_ISO_00012	Amount Added: 5.00	Units: uL
MSV_CCV_Penta_00072	Amount Added: 4.00	Units: uL
MSV_CCV_EE_00009	Amount Added: 4.00	Units: uL

Report Date: 23-Sep-2025 09:35:11

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X03.D

Injection Date: 22-Sep-2025 15:13:33

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC sm v4

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

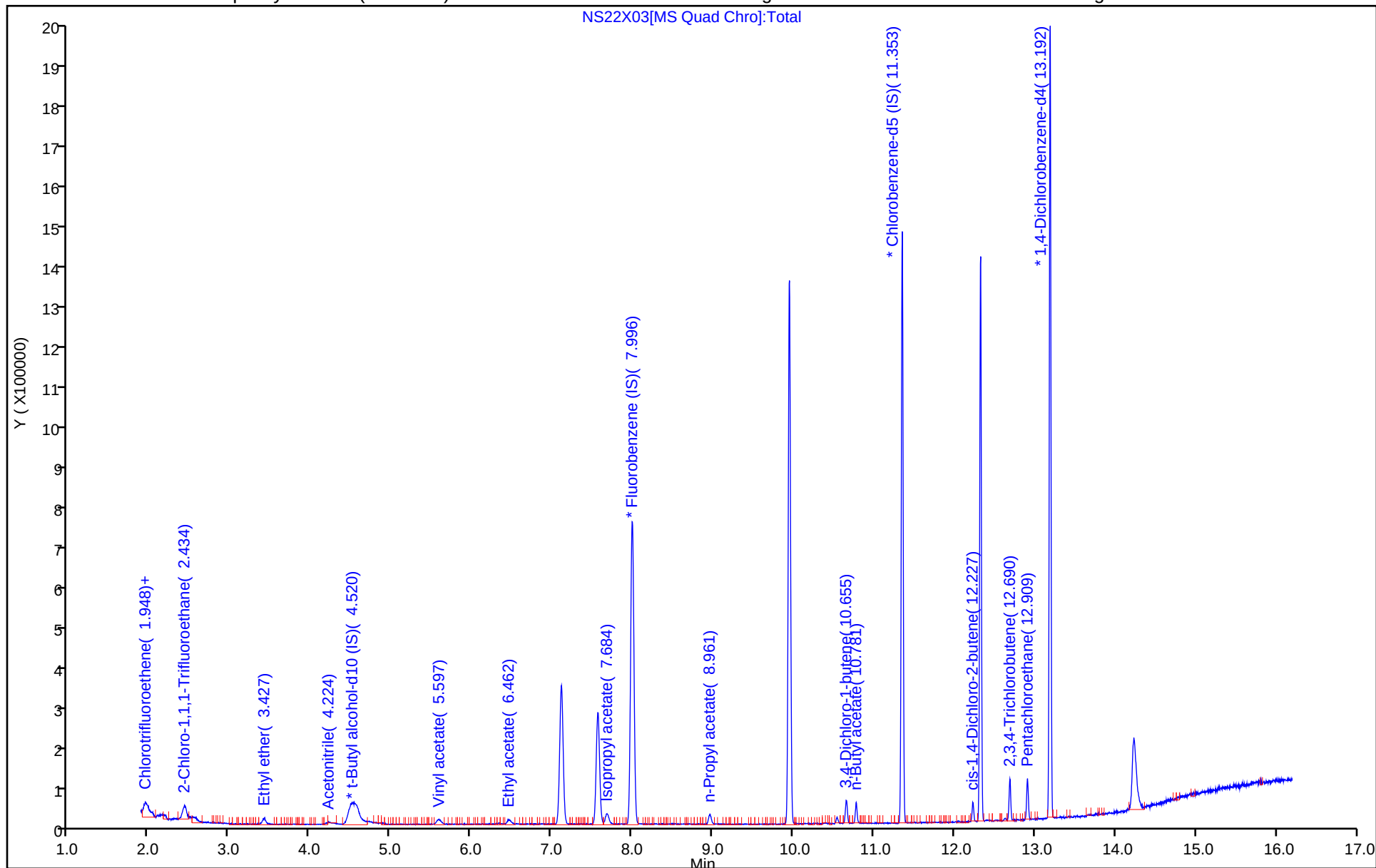
ALS Bottle#: 2

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

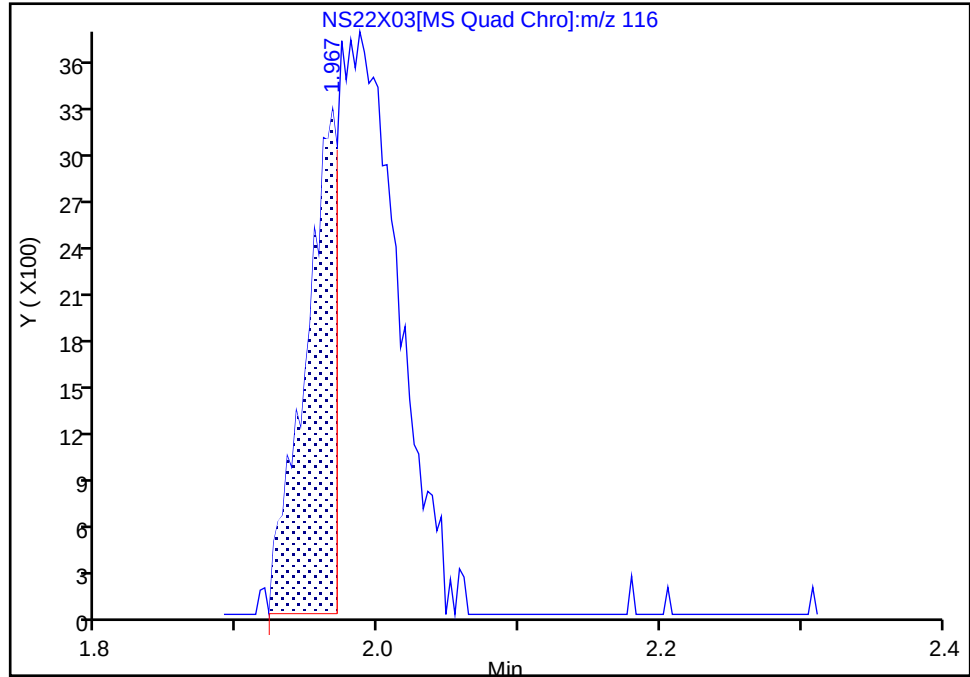
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Injection Date: 22-Sep-2025 15:13:33 Instrument ID: 7159
Lims ID: IC sm v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

1 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

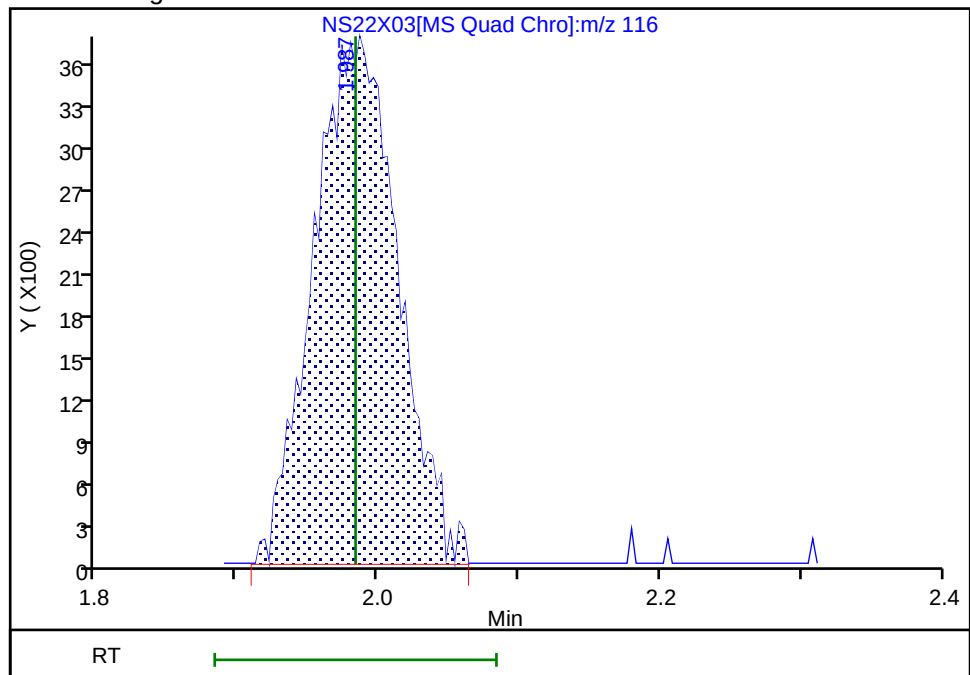
RT: 1.97
Area: 5133
Amount: 3.090608
Amount Units: ug/l

Processing Integration Results



RT: 1.99
Area: 15549
Amount: 2.811077
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:28:04 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

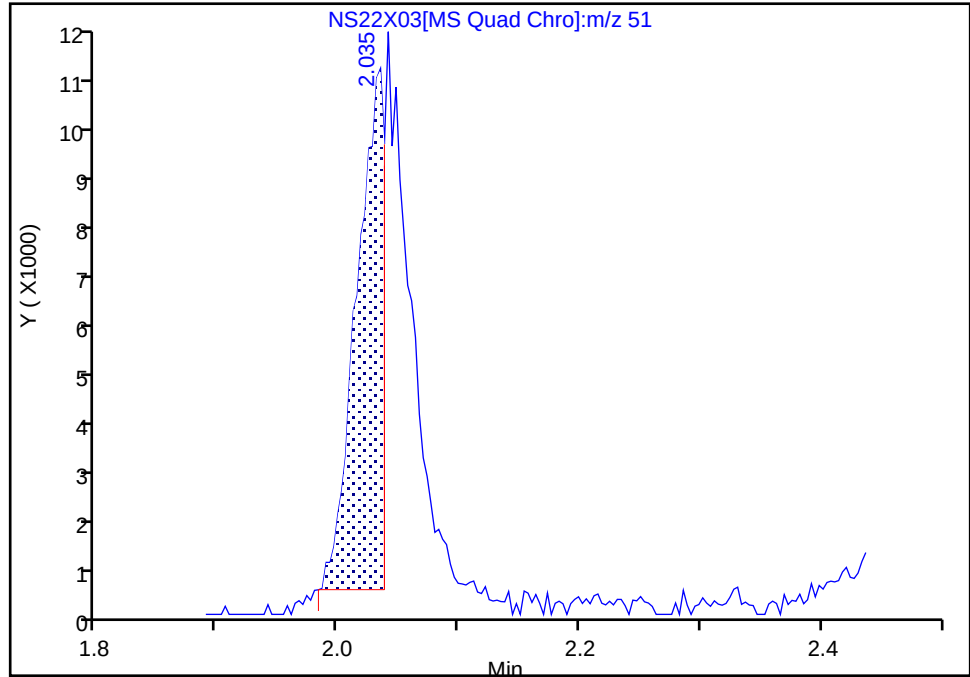
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X03.D
Injection Date: 22-Sep-2025 15:13:33 Instrument ID: 7159
Lims ID: IC sm v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

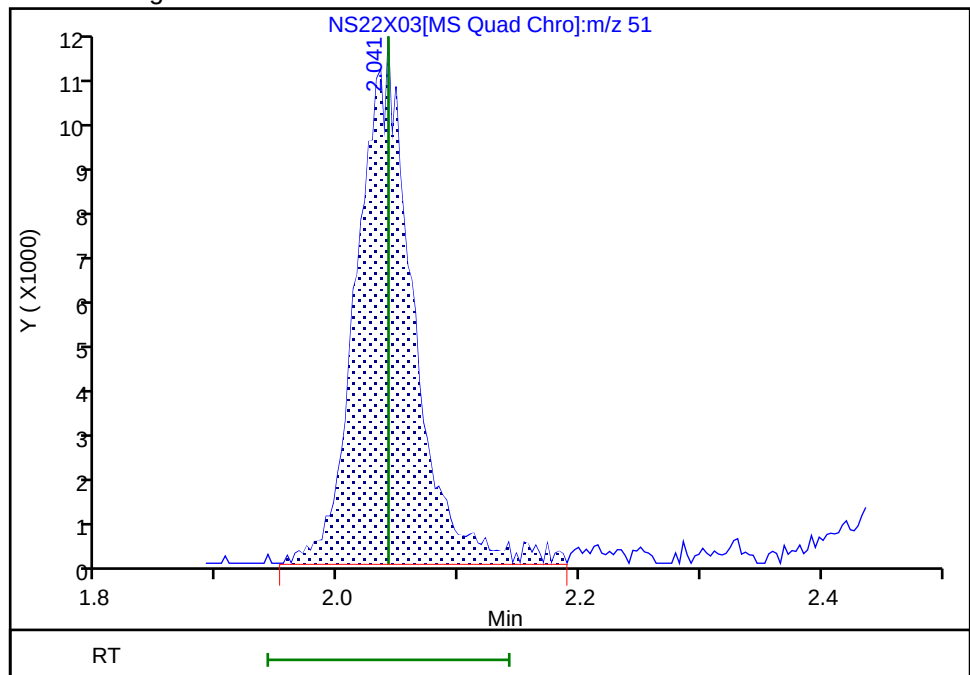
RT: 2.03
Area: 15669
Amount: 1.697646
Amount Units: ug/l

Processing Integration Results



RT: 2.04
Area: 35168
Amount: 3.501987
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:28:11 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

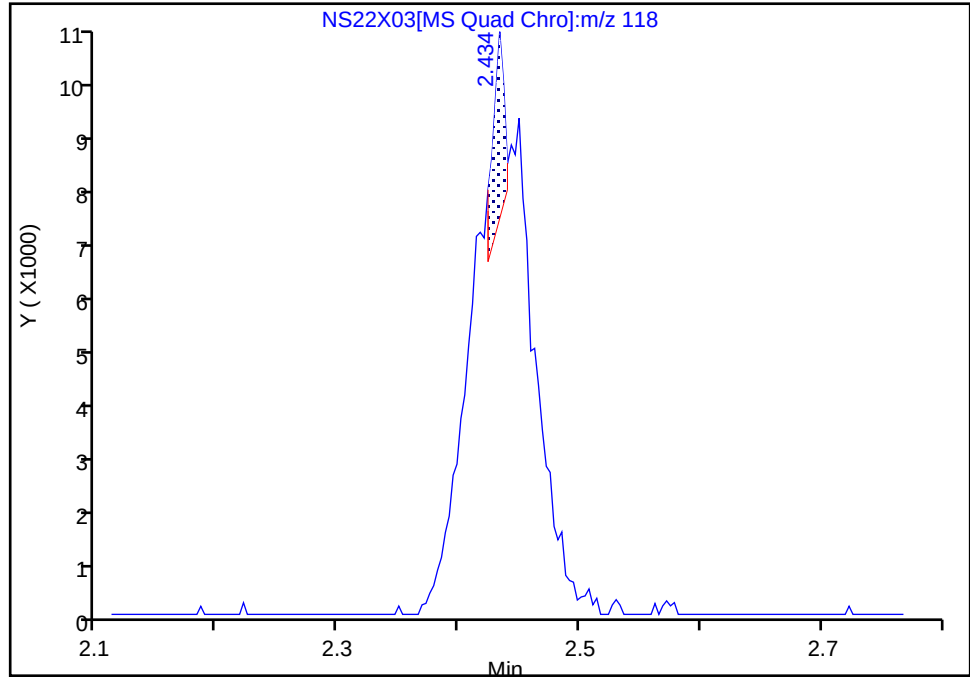
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Injection Date: 22-Sep-2025 15:13:33 Instrument ID: 7159
Lims ID: IC sm v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

7 2-Chloro-1,1,1-Trifluoroethane, CAS: 75-88-7

Signal: 1

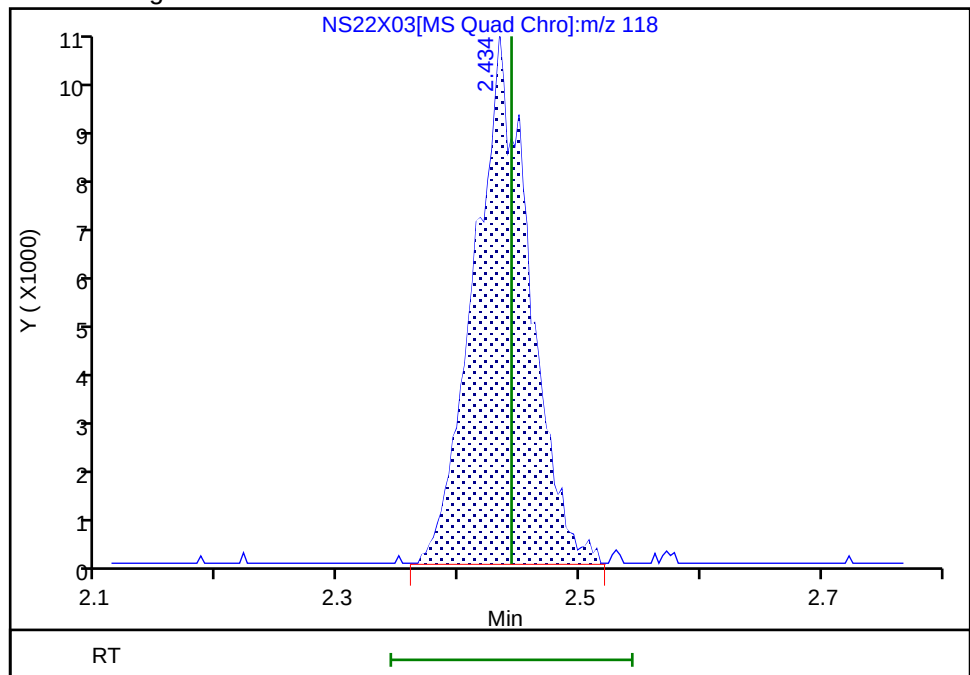
RT: 2.43
Area: 2278
Amount: 2.514073
Amount Units: ug/l

Processing Integration Results



RT: 2.43
Area: 34492
Amount: 3.484962
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:28:18 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

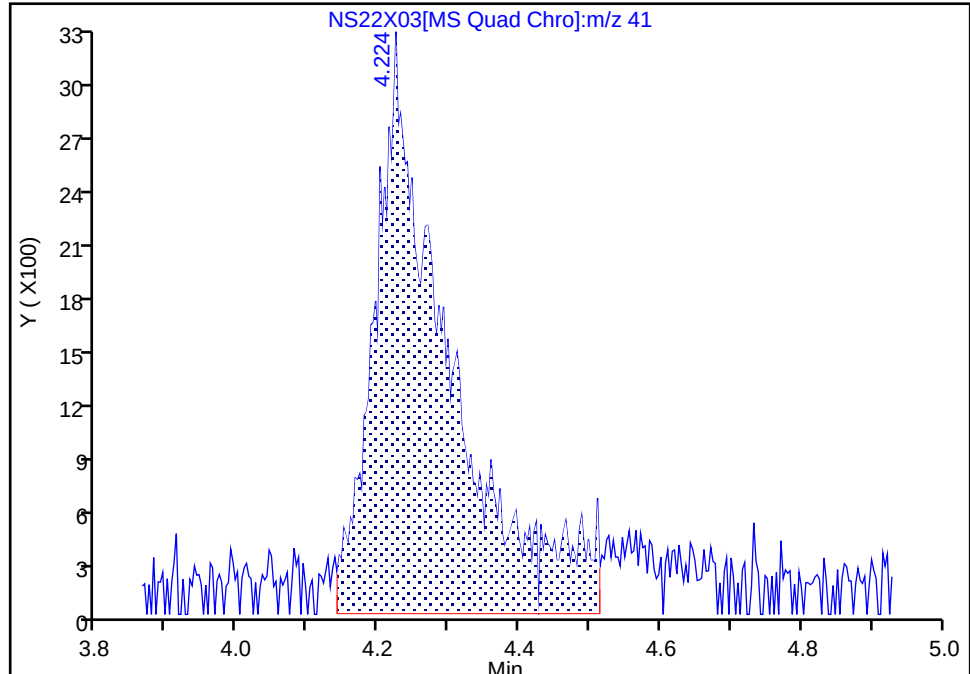
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Injection Date: 22-Sep-2025 15:13:33 Instrument ID: 7159
Lims ID: IC sm v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Acetonitrile, CAS: 75-05-8

Signal: 1

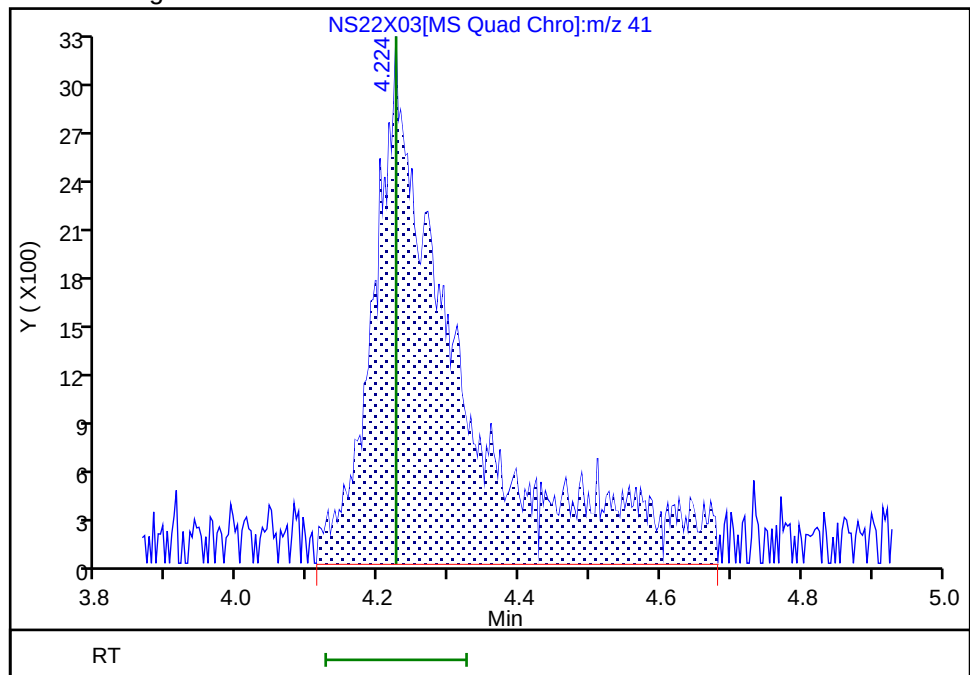
RT: 4.22
Area: 23110
Amount: 22.322834
Amount Units: ug/l

Processing Integration Results



RT: 4.22
Area: 26520
Amount: 24.932322
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:28:35 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X04.D
 Lims ID: IC sm v10
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 22-Sep-2025 15:33:20 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-004
 Misc. Info.: IC SM V10
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub36
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:35:16 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: JS6E

Date: 22-Sep-2025 18:27:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.974	1.984	-0.010	88	51206	10.0	9.13	M
3 Chlorodifluoromethane	51	2.032	2.041	-0.009	97	107919	10.0	10.4	M
7 2-Chloro-1,1,1-Trifluoroethane	118	2.431	2.443	-0.012	71	103575	10.0	10.3	M
14 Ethyl ether	59	3.418	3.414	0.004	88	34773	10.0	9.83	
23 Acetonitrile	41	4.231	4.225	0.006	91	56120	50.0	51.2	M
* 27 t-Butyl alcohol-d10 (IS)	65	4.534	4.533	0.001	1	300512	250.0	250.0	
34 Vinyl acetate	43	5.591	5.588	0.003	96	89637	10.0	9.94	
42 Ethyl acetate	43	6.456	6.459	-0.003	99	51059	10.0	9.38	
58 Isopropyl acetate	43	7.681	7.681	0.000	98	98420	10.0	9.29	
* 62 Fluorobenzene (IS)	96	7.993	7.996	-0.003	99	1074939	50.0	50.0	
73 n-Propyl acetate	61	8.964	8.958	0.006	97	22053	10.0	8.93	
125 3,4-Dichloro-1-butene	75	10.659	10.659	0.000	92	54160	10.0	9.38	
127 n-Butyl acetate	43	10.781	10.778	0.003	98	76910	10.0	9.21	
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	83	844832	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	12.231	12.231	0.000	0	27563	10.0	9.17	
153 2,3,4-Trichlorobutene	109	12.688	12.691	-0.003	0	61309	10.0	9.14	
156 Pentachloroethane	167	12.910	12.906	0.004	88	52172	10.0	12.5	
* 160 1,4-Dichlorobenzene-d4	152	13.189	13.189	0.000	93	509231	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_V5ACE_00054	Amount Added: 2.00	Units: uL
MSV_CCV_LKB_00014	Amount Added: 2.00	Units: uL
MSV_V_SMFreon_00052	Amount Added: 1.00	Units: uL
MSV_Cent_ISO_00012	Amount Added: 5.00	Units: uL
MSV_CCV_Penta_00072	Amount Added: 2.00	Units: uL
MSV_CCV_EE_00009	Amount Added: 2.00	Units: uL

Report Date: 23-Sep-2025 09:35:16

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X04.D

Injection Date: 22-Sep-2025 15:33:20

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC sm v10

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

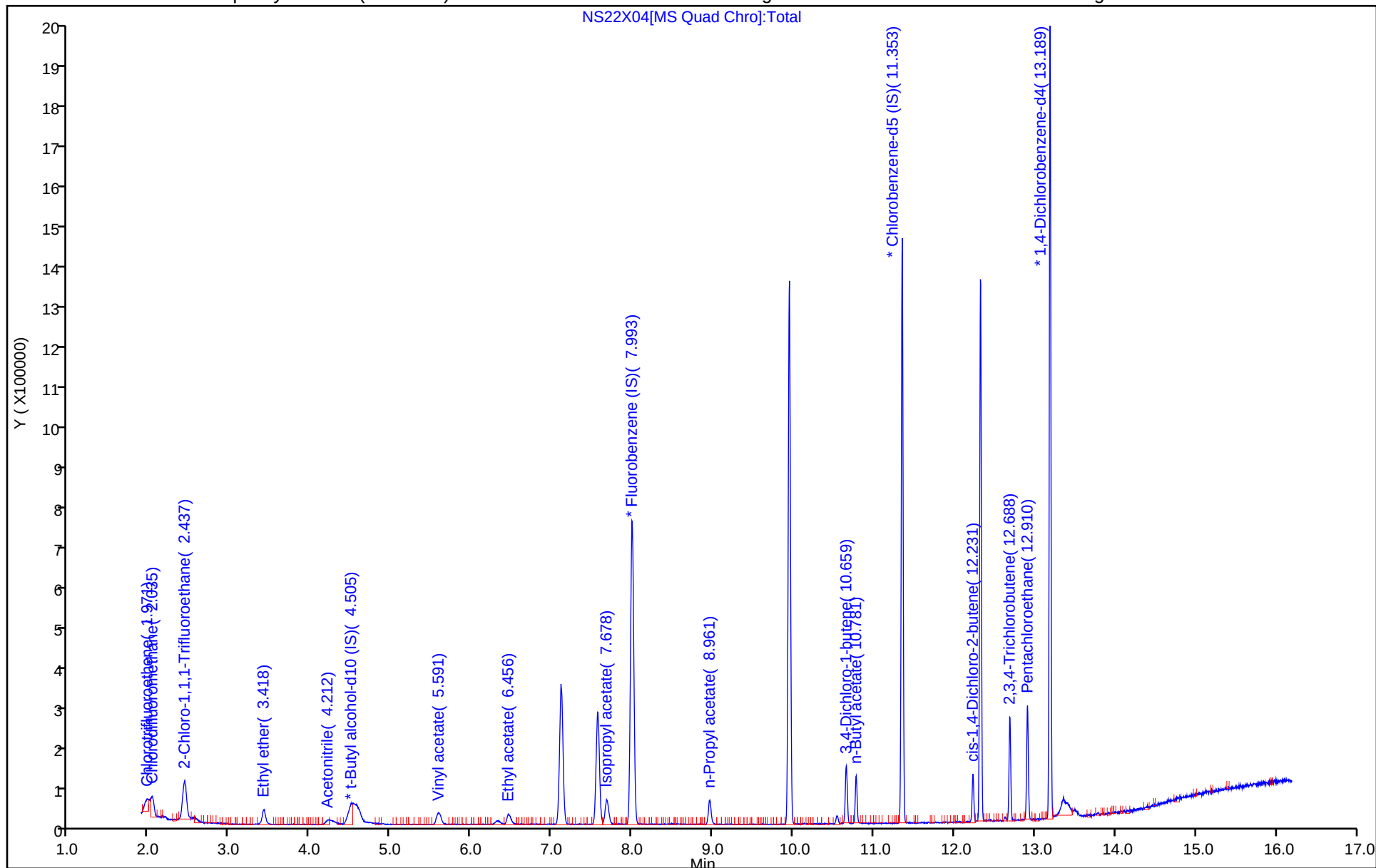
ALS Bottle#: 3

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

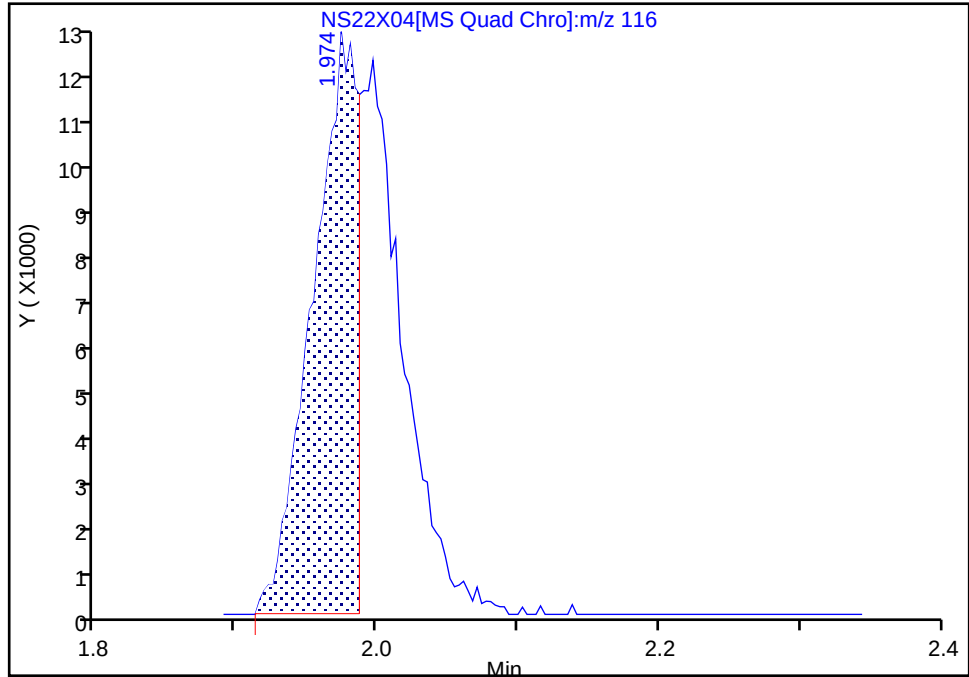
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X04.D
Injection Date: 22-Sep-2025 15:33:20 Instrument ID: 7159
Lims ID: IC sm v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

1 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

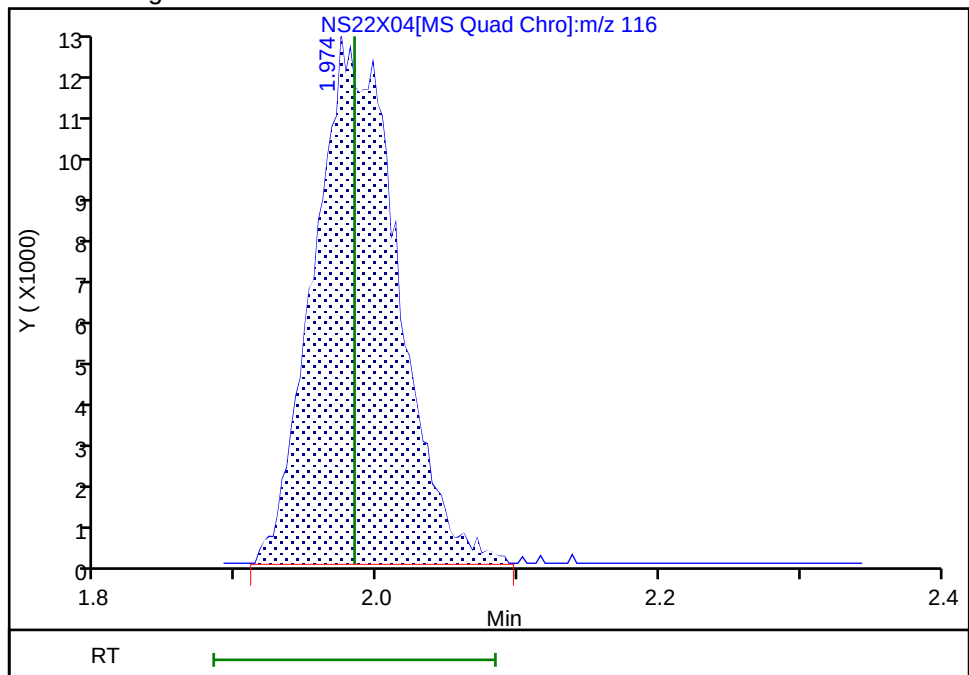
RT: 1.97
Area: 27689
Amount: 7.639361
Amount Units: ug/l

Processing Integration Results



RT: 1.97
Area: 51206
Amount: 9.133645
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:27:04 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

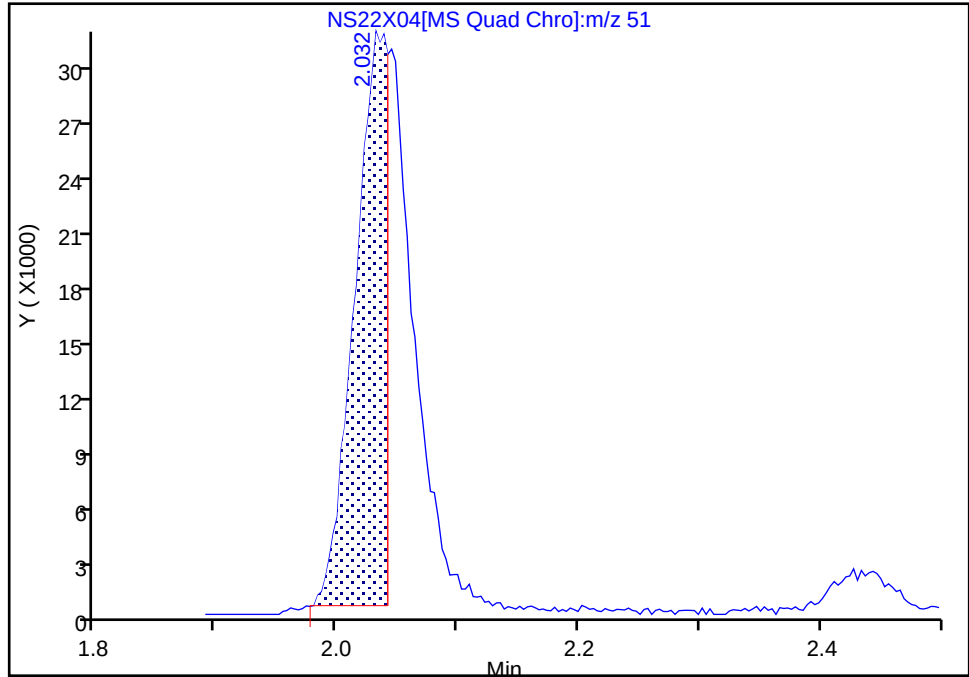
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X04.D
Injection Date: 22-Sep-2025 15:33:20 Instrument ID: 7159
Lims ID: IC sm v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

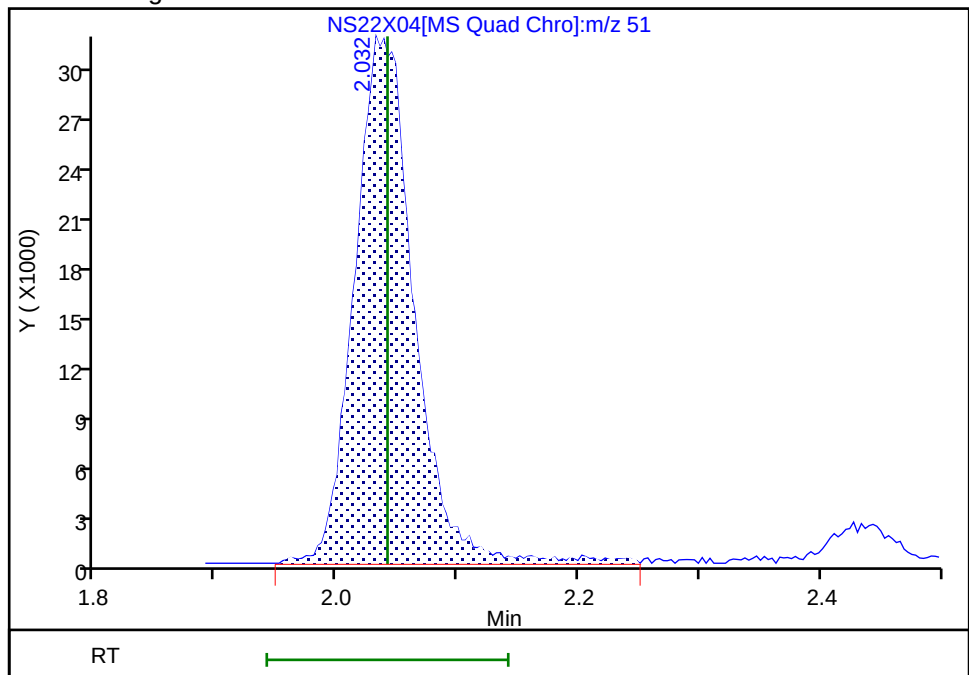
RT: 2.03
Area: 58468
Amount: 6.736359
Amount Units: ug/l

Processing Integration Results



RT: 2.03
Area: 107919
Amount: 10.436829
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:27:10 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

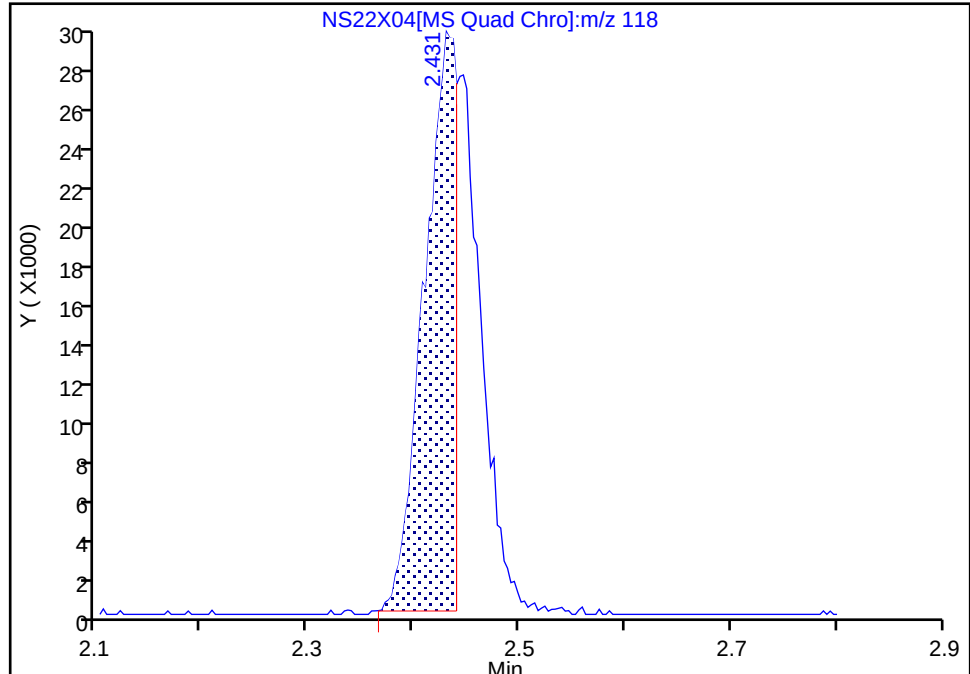
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X04.D
Injection Date: 22-Sep-2025 15:33:20 Instrument ID: 7159
Lims ID: IC sm v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

7 2-Chloro-1,1,1-Trifluoroethane, CAS: 75-88-7

Signal: 1

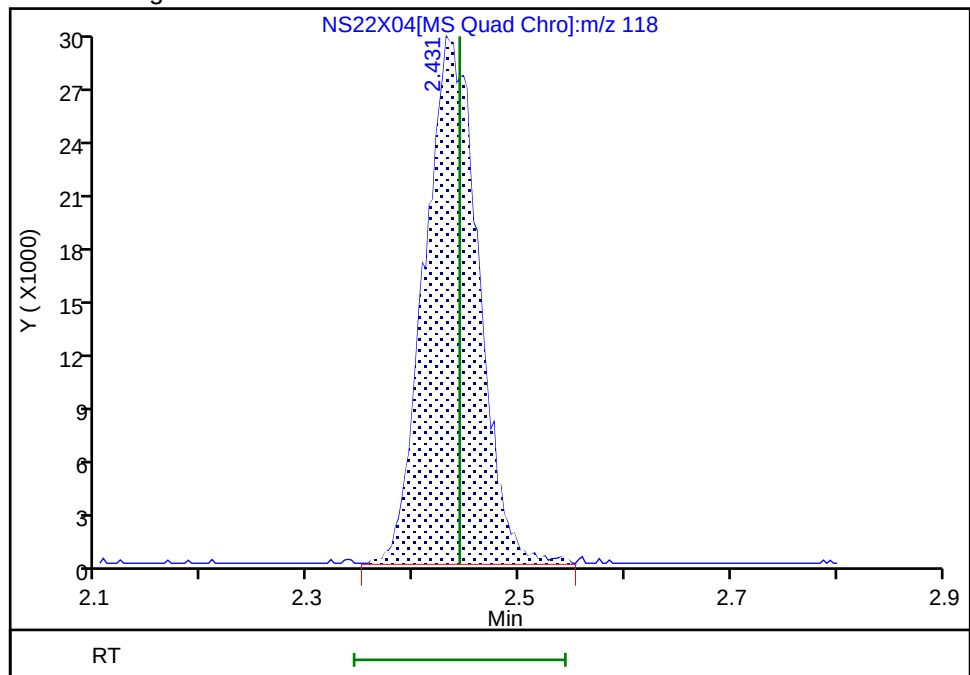
RT: 2.43
Area: 60797
Amount: 9.341301
Amount Units: ug/l

Processing Integration Results



RT: 2.43
Area: 103575
Amount: 10.324942
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:27:23 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

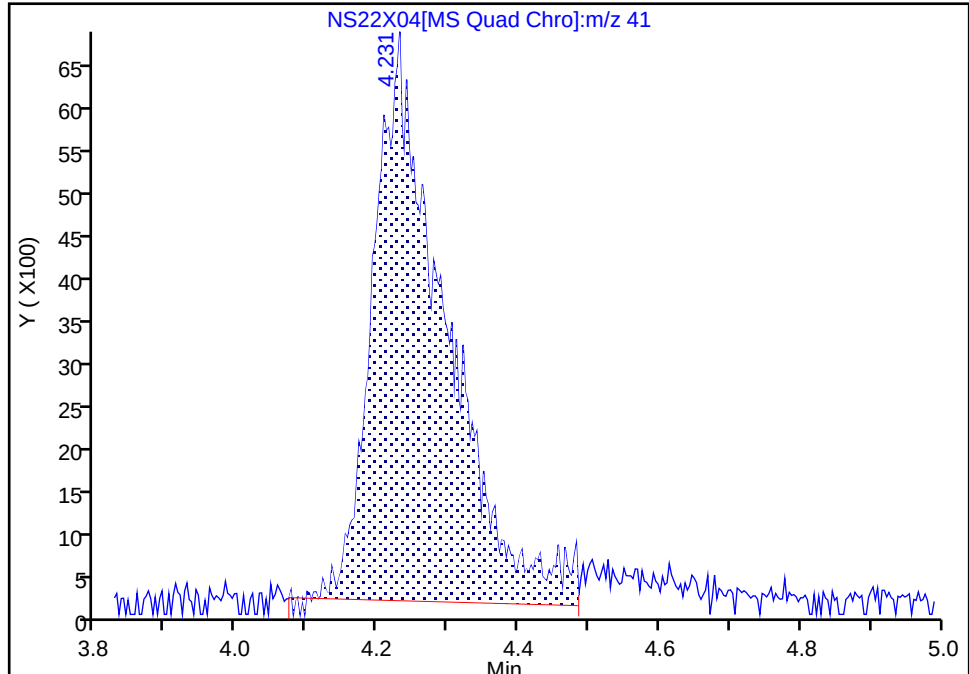
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X04.D
Injection Date: 22-Sep-2025 15:33:20 Instrument ID: 7159
Lims ID: IC sm v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

23 Acetonitrile, CAS: 75-05-8

Signal: 1

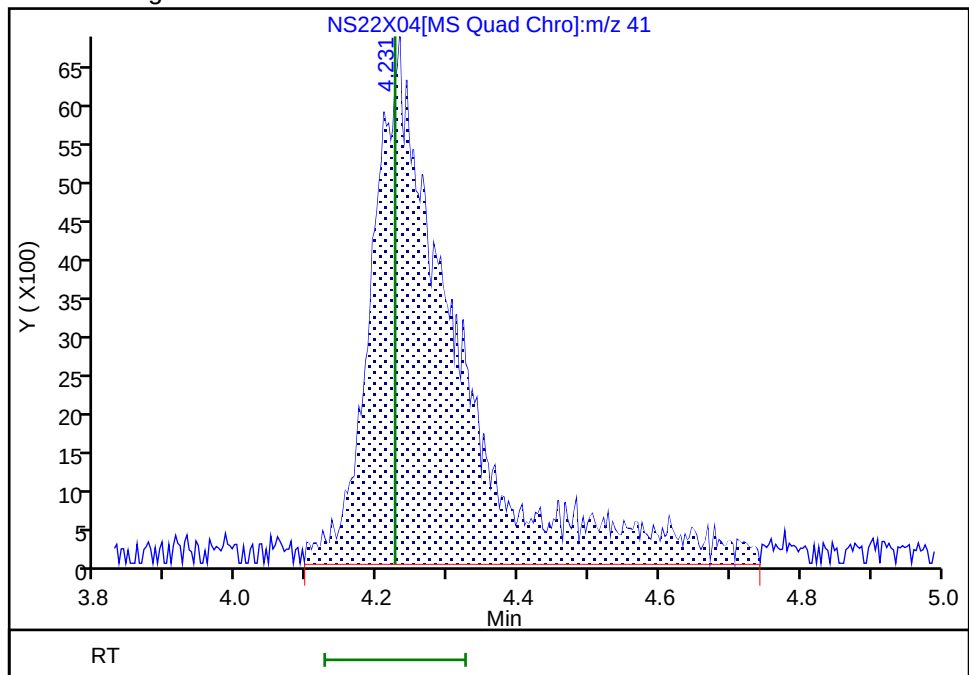
RT: 4.23
Area: 47207
Amount: 45.554974
Amount Units: ug/l

Processing Integration Results



RT: 4.23
Area: 56120
Amount: 51.240187
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:27:39 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X05.D
 Lims ID: IC sm v20
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 22-Sep-2025 15:53:09 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-005
 Misc. Info.: IC SM V20
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub36
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:35:18 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: JS6E

Date: 22-Sep-2025 18:25:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.990	1.984	0.006	90	113092	20.0	20.4	M
3 Chlorodifluoromethane	51	2.042	2.041	0.001	96	205389	20.0	20.2	
7 2-Chloro-1,1,1-Trifluoroethane	118	2.440	2.443	-0.003	34	203070	20.0	20.5	
14 Ethyl ether	59	3.427	3.414	0.013	91	71032	20.0	20.3	
23 Acetonitrile	41	4.228	4.225	0.003	99	106093	100.0	98.7	M
* 27 t-Butyl alcohol-d10 (IS)	65	4.533	4.533	0.000	25	294951	250.0	250.0	M
34 Vinyl acetate	43	5.594	5.588	0.006	97	189257	20.0	21.2	
42 Ethyl acetate	43	6.466	6.459	0.007	99	111854	20.0	20.8	
58 Isopropyl acetate	43	7.684	7.681	0.003	98	217904	20.0	20.8	
* 62 Fluorobenzene (IS)	96	7.996	7.996	0.000	99	1063434	50.0	50.0	
73 n-Propyl acetate	61	8.958	8.958	0.000	97	50718	20.0	20.8	
125 3,4-Dichloro-1-butene	75	10.662	10.659	0.003	90	110971	20.0	19.2	
127 n-Butyl acetate	43	10.781	10.778	0.003	98	171279	20.0	20.5	
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	87	845894	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	12.231	12.231	0.000	0	58725	20.0	19.5	
153 2,3,4-Trichlorobutene	109	12.688	12.691	-0.003	0	129191	20.0	19.7	
156 Pentachloroethane	167	12.909	12.906	0.003	89	91741	20.0	22.5	
* 160 1,4-Dichlorobenzene-d4	152	13.189	13.189	0.000	93	497559	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_V5ACE_00054	Amount Added: 4.00	Units: uL
MSV_CCV_LKB_00014	Amount Added: 4.00	Units: uL
MSV_V_SMFreon_00052	Amount Added: 2.00	Units: uL
MSV_Cent_ISO_00012	Amount Added: 5.00	Units: uL
MSV_CCV_Penta_00072	Amount Added: 4.00	Units: uL
MSV_CCV_EE_00009	Amount Added: 4.00	Units: uL

Report Date: 23-Sep-2025 09:35:19

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X05.D

Injection Date: 22-Sep-2025 15:53:09

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC sm v20

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

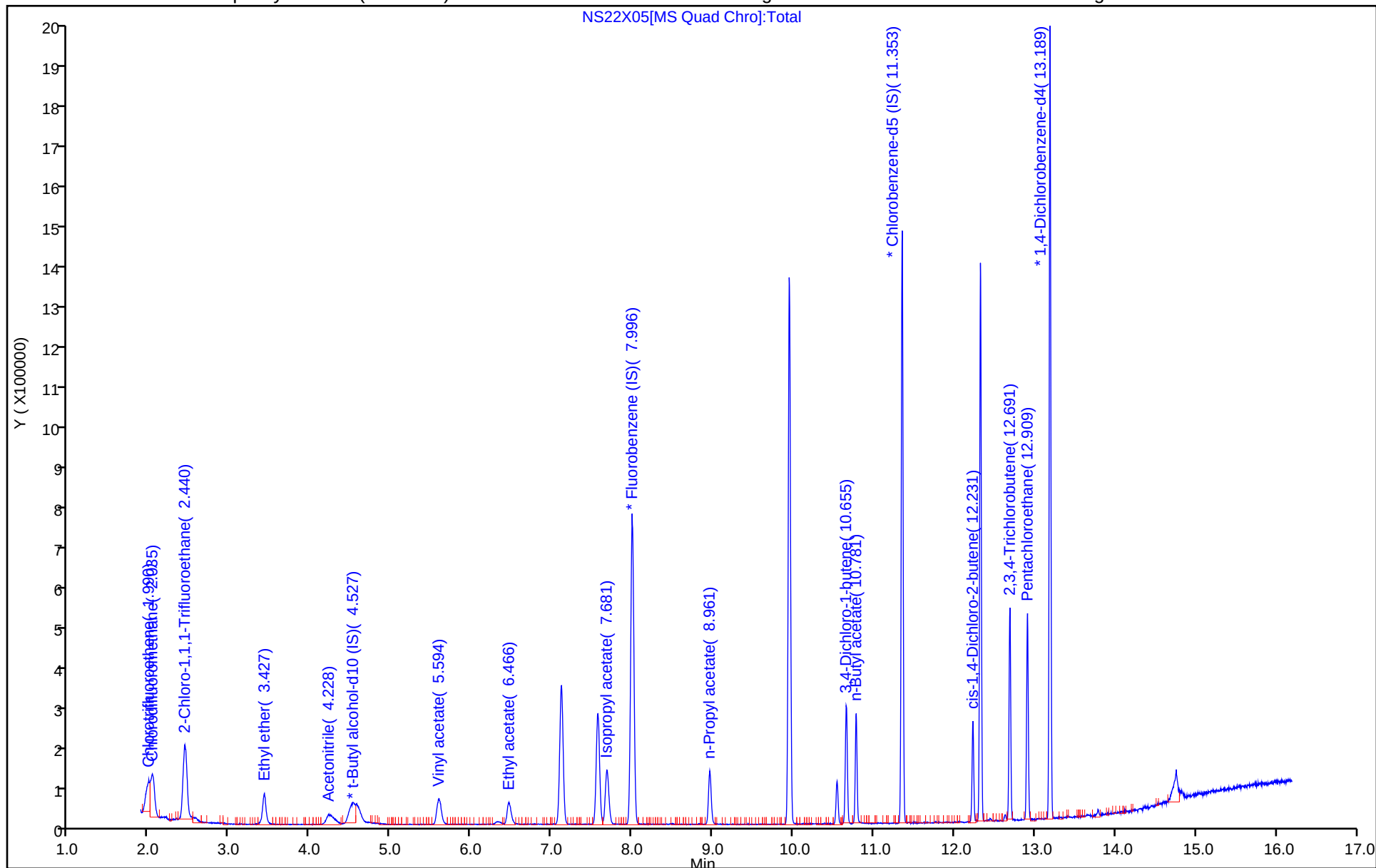
ALS Bottle#: 4

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

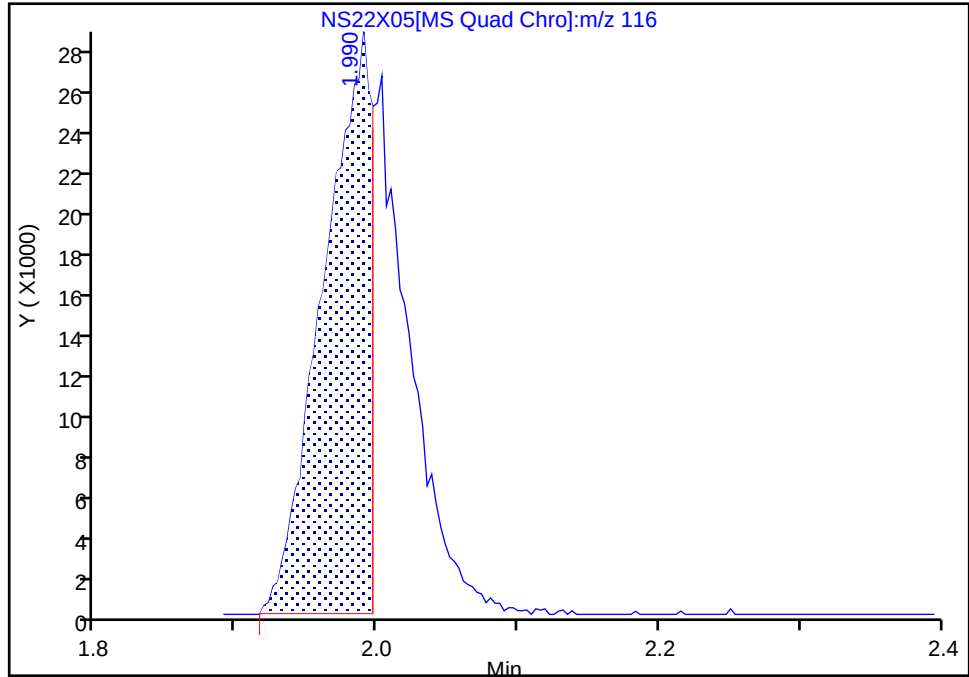
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X05.D
Injection Date: 22-Sep-2025 15:53:09 Instrument ID: 7159
Lims ID: IC sm v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

1 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

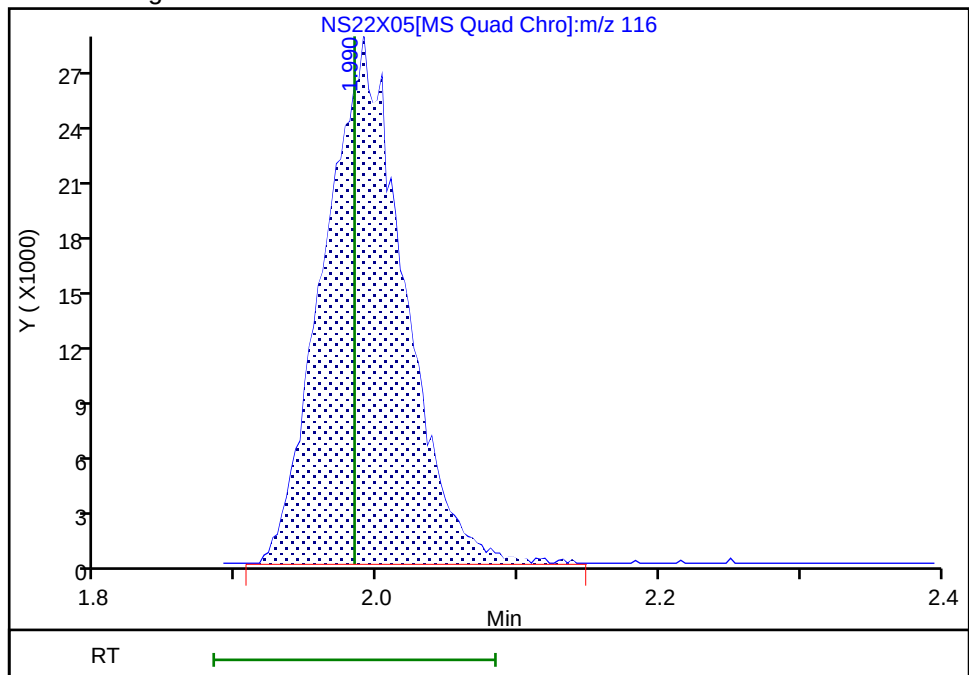
RT: 1.99
Area: 68067
Amount: 15.137271
Amount Units: ug/l

Processing Integration Results



RT: 1.99
Area: 113092
Amount: 20.390527
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:25:06 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

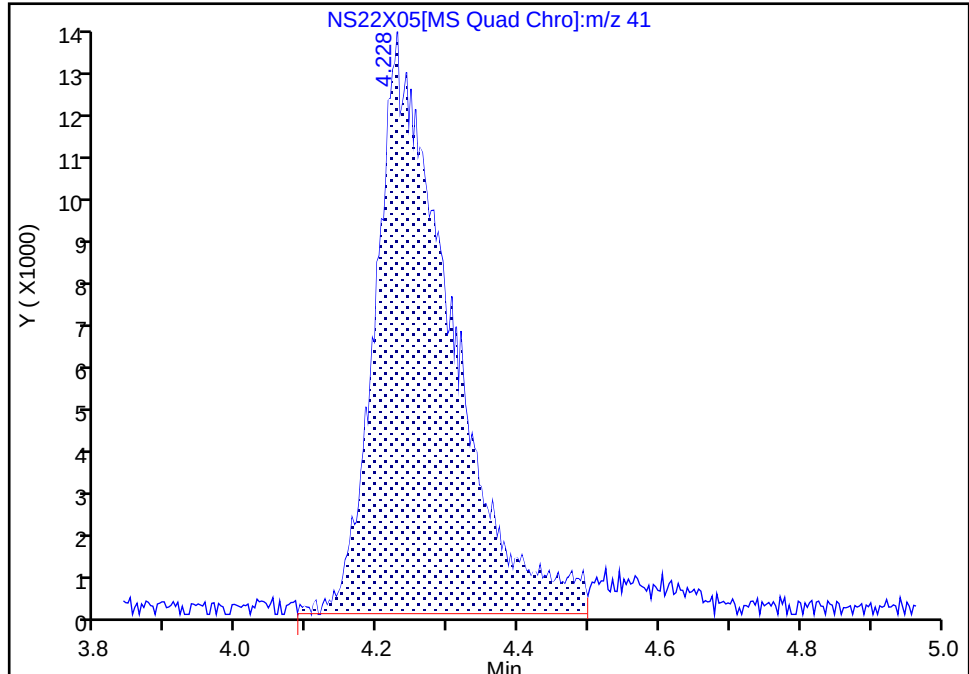
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X05.D
Injection Date: 22-Sep-2025 15:53:09 Instrument ID: 7159
Lims ID: IC sm v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Acetonitrile, CAS: 75-05-8

Signal: 1

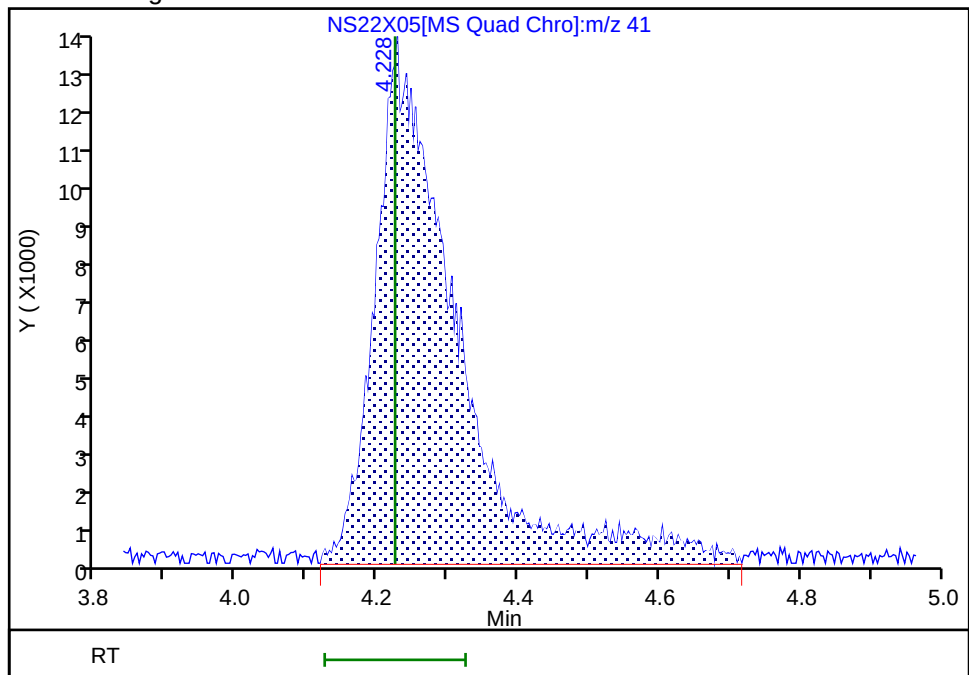
RT: 4.23
Area: 99213
Amount: 98.658381
Amount Units: ug/l

Processing Integration Results



RT: 4.23
Area: 106093
Amount: 98.694220
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:25:52 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

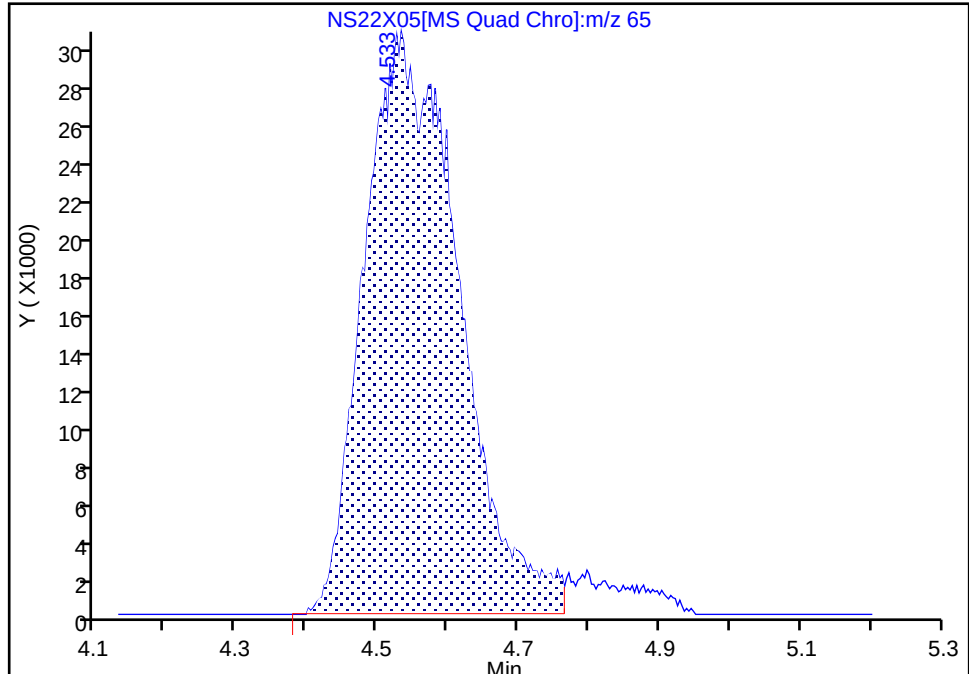
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X05.D
Injection Date: 22-Sep-2025 15:53:09 Instrument ID: 7159
Lims ID: IC sm v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 27 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

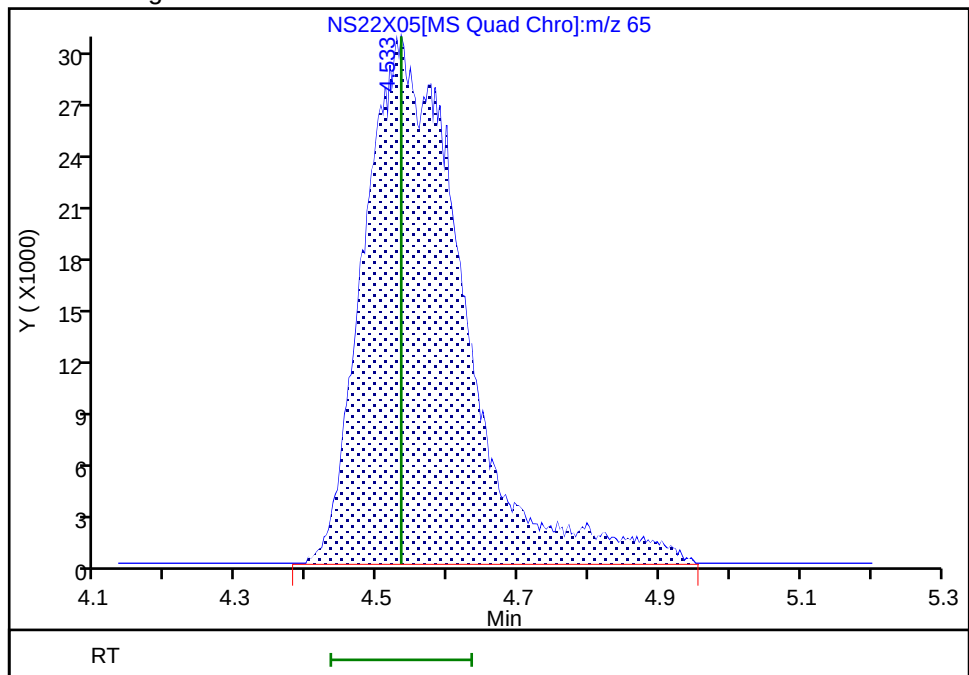
RT: 4.53
Area: 280931
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 4.53
Area: 294951
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:25:23 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X06.D
 Lims ID: IC sm v50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 22-Sep-2025 16:12:58 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-006
 Misc. Info.: IC SM V50
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub36
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:35:21 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: JS6E

Date: 22-Sep-2025 17:27:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.984	1.984	0.000	89	307481	50.0	55.2	
3 Chlorodifluoromethane	51	2.041	2.041	0.000	96	510335	50.0	50.5	
7 2-Chloro-1,1,1-Trifluoroethane	118	2.443	2.443	0.000	34	501965	50.0	50.3	M
14 Ethyl ether	59	3.414	3.414	0.000	89	176677	50.0	50.3	
23 Acetonitrile	41	4.225	4.225	0.000	99	254025	250.0	237.5	M
* 27 t-Butyl alcohol-d10 (IS)	65	4.530	4.530	0.000	1	293441	250.0	250.0	M
34 Vinyl acetate	43	5.588	5.588	0.000	97	408478	50.0	45.6	
42 Ethyl acetate	43	6.459	6.459	0.000	99	274994	50.0	50.8	
58 Isopropyl acetate	43	7.681	7.681	0.000	98	536275	50.0	50.9	
* 62 Fluorobenzene (IS)	96	7.999	7.999	0.000	99	1068508	50.0	50.0	
73 n-Propyl acetate	61	8.958	8.958	0.000	98	125584	50.0	51.2	
125 3,4-Dichloro-1-butene	75	10.659	10.659	0.000	91	297636	50.0	50.6	
127 n-Butyl acetate	43	10.778	10.778	0.000	98	431388	50.0	50.7	
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	83	859903	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	12.231	12.231	0.000	0	157666	50.0	51.5	
153 2,3,4-Trichlorobutene	109	12.691	12.691	0.000	0	345414	50.0	51.5	
156 Pentachloroethane	167	12.906	12.906	0.000	90	122466	50.0	29.4	
* 160 1,4-Dichlorobenzene-d4	152	13.189	13.189	0.000	93	509034	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_V5ACE_00054	Amount Added: 5.00	Units: uL
MSV_CCV_LKB_00014	Amount Added: 5.00	Units: uL
MSV_V_SMFreon_00052	Amount Added: 2.50	Units: uL
MSV_Cent_ISO_00012	Amount Added: 5.00	Units: uL
MSV_CCV_Penta_00072	Amount Added: 5.00	Units: uL
MSV_CCV_EE_00009	Amount Added: 5.00	Units: uL

Report Date: 23-Sep-2025 09:35:22

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X06.D

Injection Date: 22-Sep-2025 16:12:58

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC sm v50

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

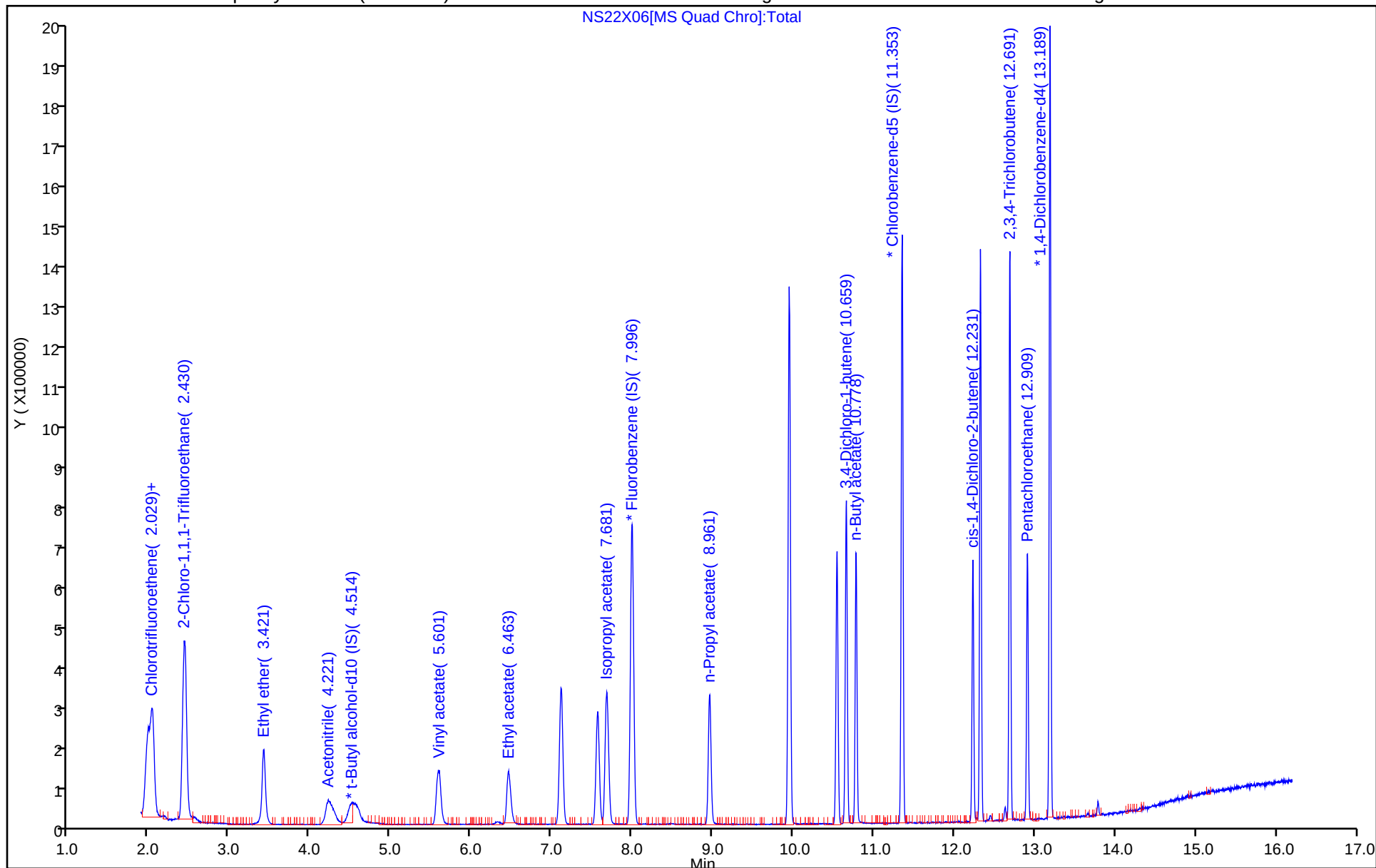
ALS Bottle#: 5

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

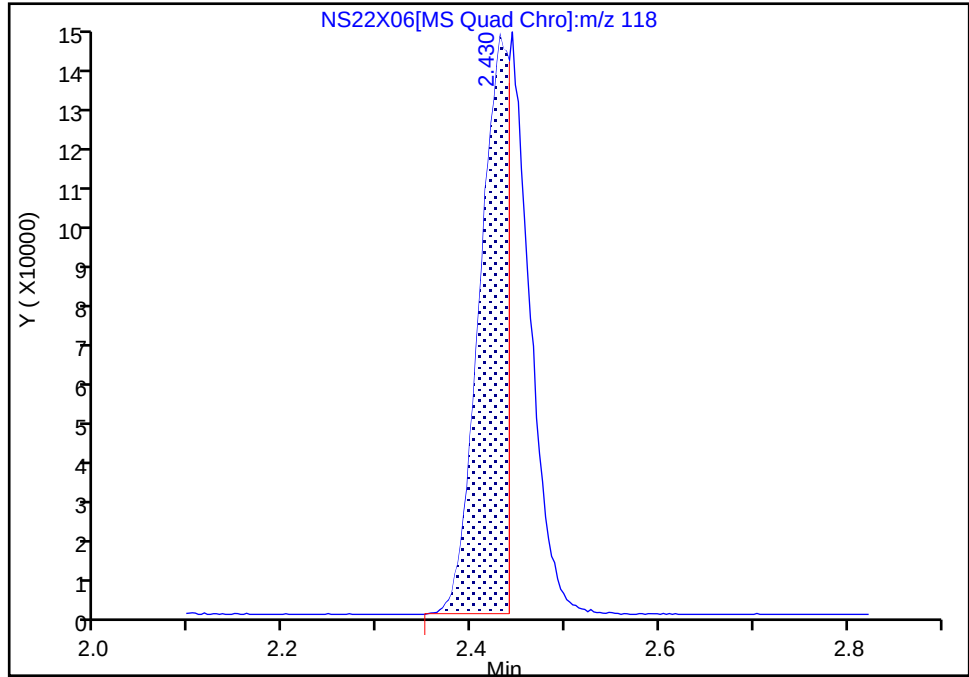
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X06.D
Injection Date: 22-Sep-2025 16:12:58 Instrument ID: 7159
Lims ID: IC sm v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

7 2-Chloro-1,1,1-Trifluoroethane, CAS: 75-88-7

Signal: 1

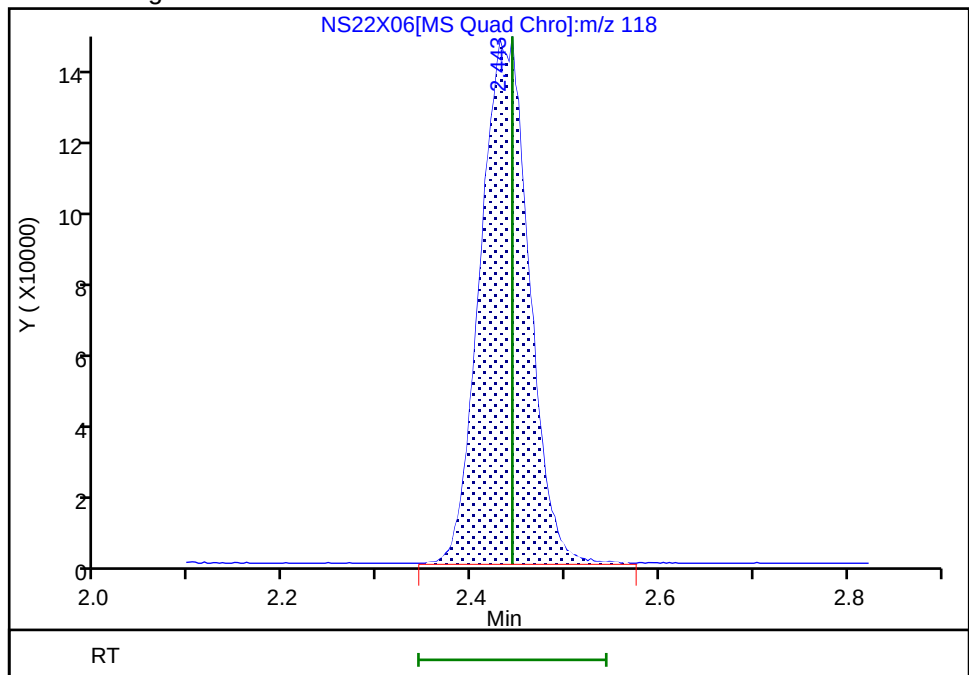
RT: 2.43
Area: 301073
Amount: 41.579654
Amount Units: ug/l

Processing Integration Results



RT: 2.44
Area: 501965
Amount: 50.339877
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 17:40:37 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

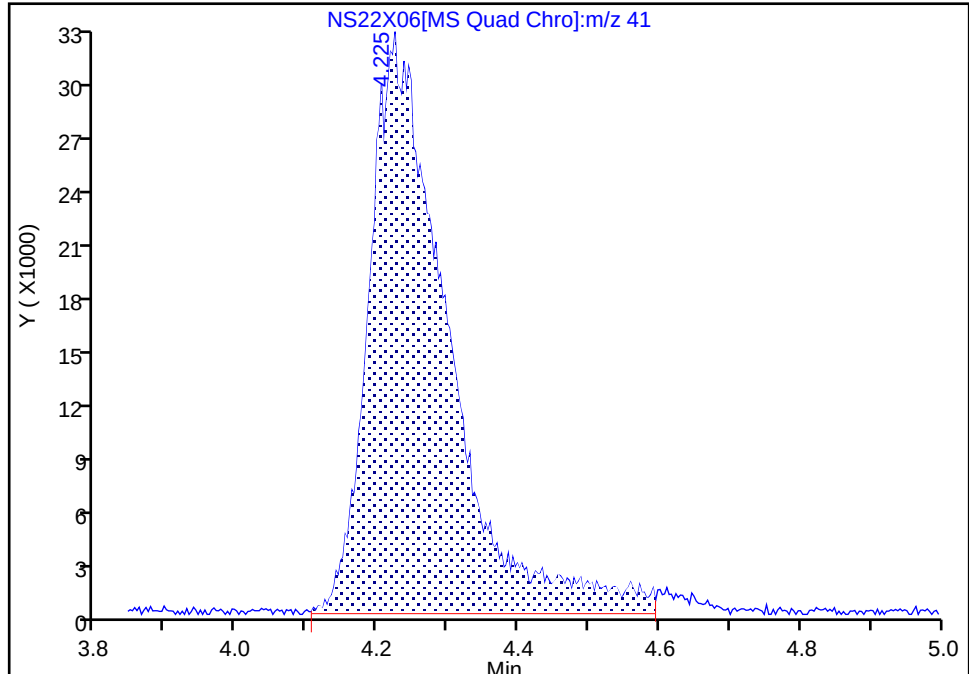
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X06.D
Injection Date: 22-Sep-2025 16:12:58 Instrument ID: 7159
Lims ID: IC sm v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Acetonitrile, CAS: 75-05-8

Signal: 1

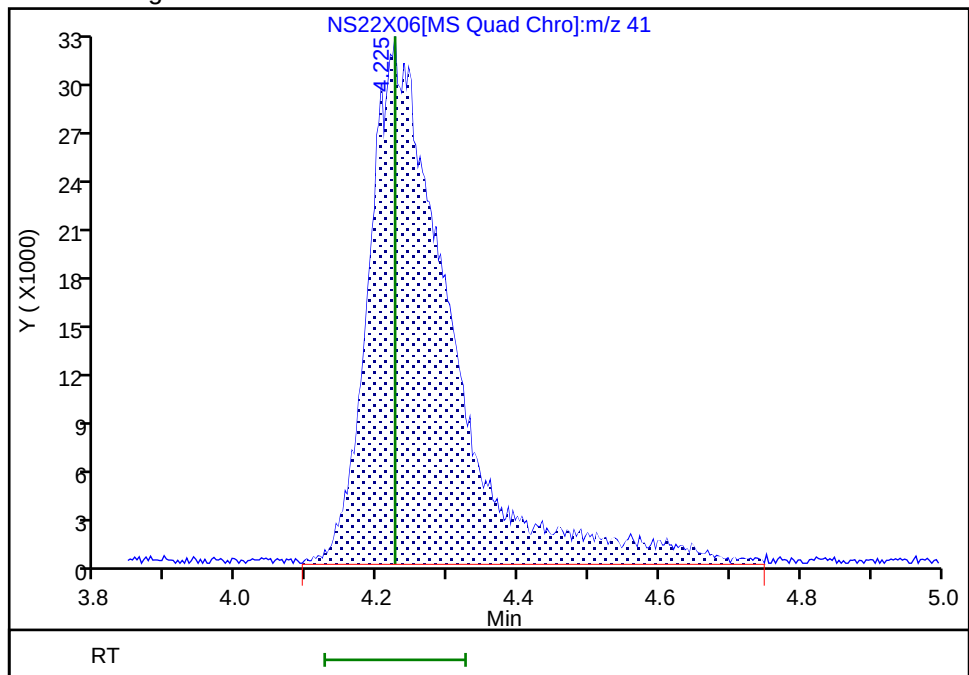
RT: 4.22
Area: 248344
Amount: 247.1341
Amount Units: ug/l

Processing Integration Results



RT: 4.22
Area: 254025
Amount: 237.5257
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 17:41:12 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

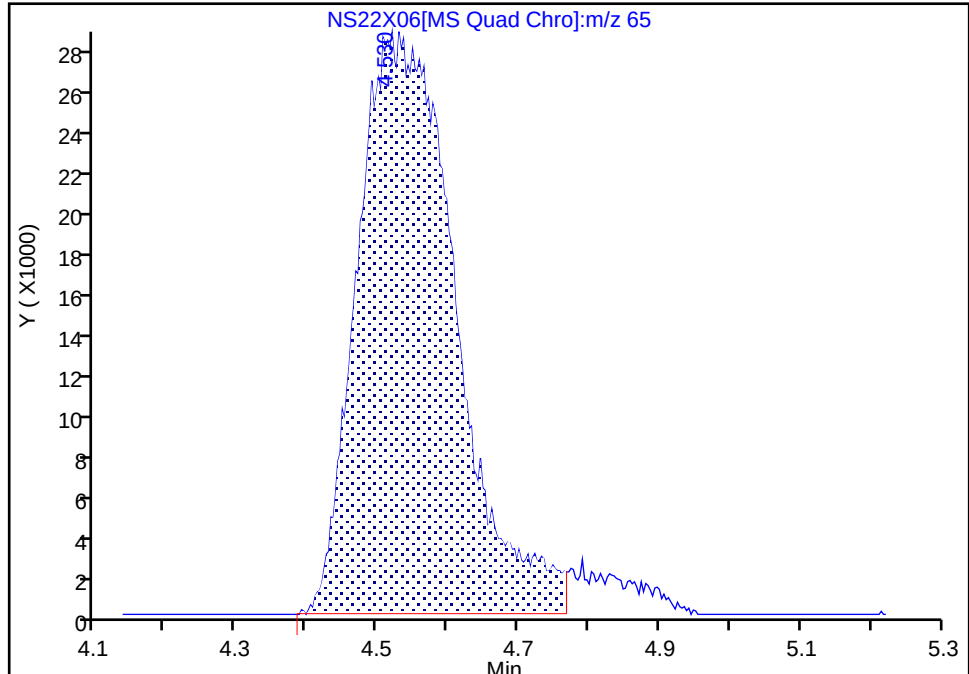
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X06.D
Injection Date: 22-Sep-2025 16:12:58 Instrument ID: 7159
Lims ID: IC sm v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 27 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

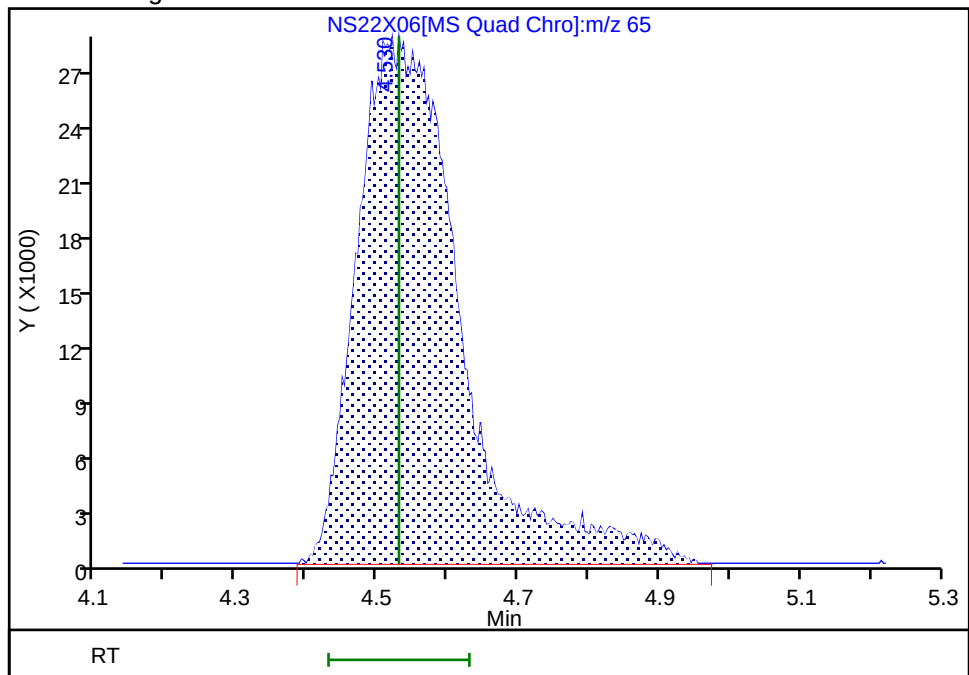
RT: 4.53
Area: 278860
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 4.53
Area: 293441
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 17:40:55 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X07.D
 Lims ID: IC sm v100
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 22-Sep-2025 16:32:51 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-007
 Misc. Info.: IC SM V100
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub36
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:35:24 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: JS6E

Date: 22-Sep-2025 16:58:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.990	1.984	0.006	89	680301	100.0	123.1	
3 Chlorodifluoromethane	51	2.041	2.041	0.000	96	1084450	100.0	106.1	
7 2-Chloro-1,1,1-Trifluoroethane	118	2.440	2.443	-0.003	37	1058550	100.0	107.1	
14 Ethyl ether	59	3.427	3.414	0.013	89	343977	100.0	98.7	
23 Acetonitrile	41	4.228	4.225	0.003	99	487783	500.0	450.5	
* 27 t-Butyl alcohol-d10 (IS)	65	4.530	4.530	0.000	1	297092	250.0	250.0	
34 Vinyl acetate	43	5.598	5.588	0.010	97	898865	100.0	101.2	
42 Ethyl acetate	43	6.459	6.459	0.000	98	532051	100.0	99.2	
58 Isopropyl acetate	43	7.681	7.681	0.000	98	1046620	100.0	100.3	
* 62 Fluorobenzene (IS)	96	7.996	7.999	-0.003	100	1059289	50.0	50.0	
73 n-Propyl acetate	61	8.958	8.958	0.000	97	246494	100.0	101.3	
125 3,4-Dichloro-1-butene	75	10.655	10.659	-0.004	91	586493	100.0	102.6	
127 n-Butyl acetate	43	10.777	10.778	-0.001	97	848959	100.0	102.7	
* 131 Chlorobenzene-d5 (IS)	117	11.350	11.353	-0.003	83	836323	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	12.231	12.231	0.000	0	316193	100.0	106.3	
153 2,3,4-Trichlorobutene	109	12.691	12.691	0.000	0	693462	100.0	104.8	
156 Pentachloroethane	167	12.906	12.906	0.000	90	414276	100.0	100.9	
* 160 1,4-Dichlorobenzene-d4	152	13.189	13.189	0.000	93	501895	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_V5ACE_00054	Amount Added: 5.00	Units: uL
MSV_CCV_LKB_00014	Amount Added: 5.00	Units: uL
MSV_V_SMFreon_00052	Amount Added: 2.50	Units: uL
MSV_Cent_ISO_00012	Amount Added: 5.00	Units: uL
MSV_CCV_Penta_00072	Amount Added: 5.00	Units: uL
MSV_CCV_EE_00009	Amount Added: 5.00	Units: uL

Report Date: 23-Sep-2025 09:35:24

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X07.D

Injection Date: 22-Sep-2025 16:32:51

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC sm v100

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

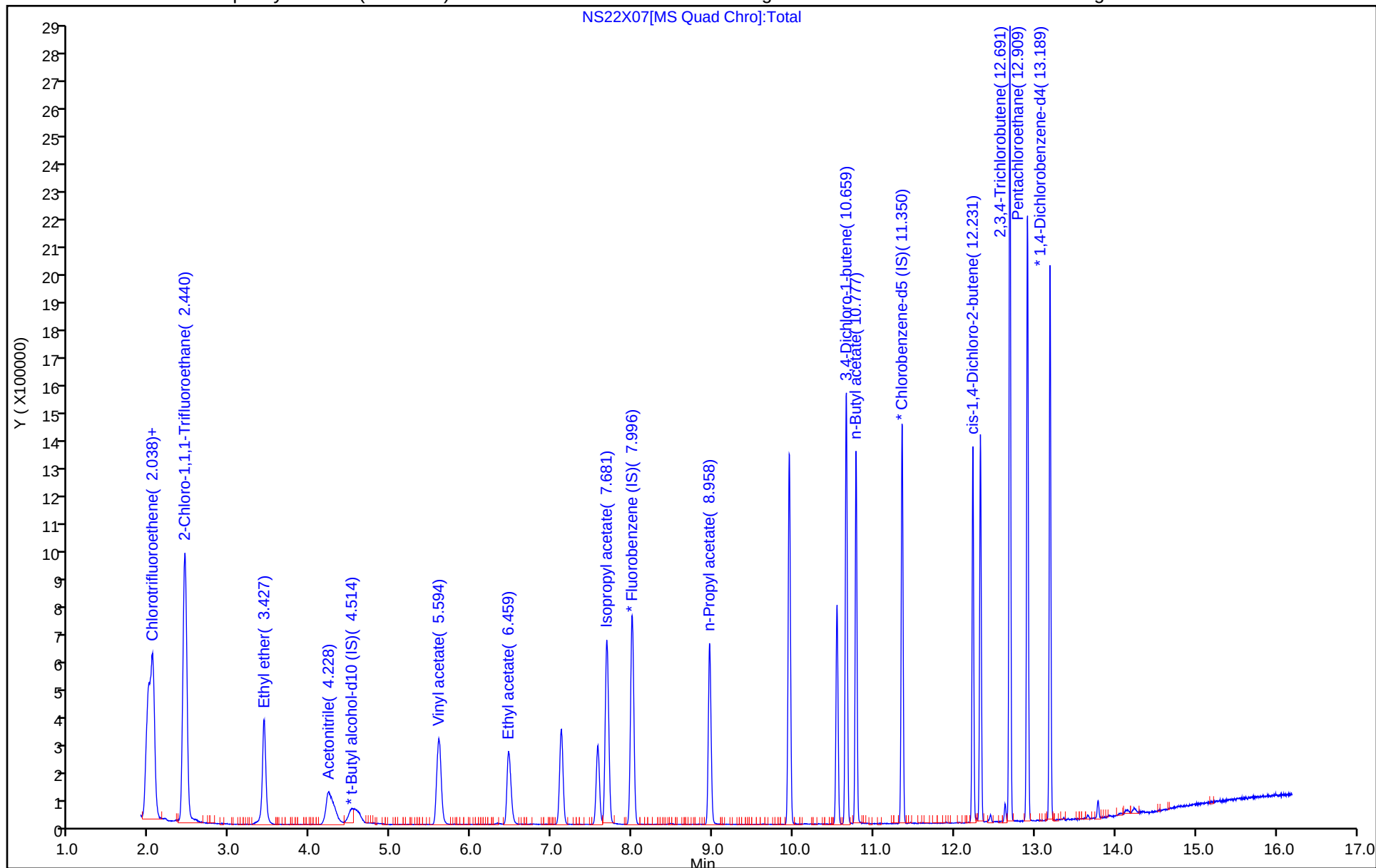
ALS Bottle#: 6

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X08.D
 Lims ID: IC sm v300
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 22-Sep-2025 16:52:33 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-008
 Misc. Info.: IC SM V300
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub36
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:35:26 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: JS6E

Date: 22-Sep-2025 17:37:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.993	1.984	0.009	89	1585444	300.0	308.8	
3 Chlorodifluoromethane	51	2.045	2.041	0.004	96	2877561	300.0	299.2	
7 2-Chloro-1,1,1-Trifluoroethane	118	2.440	2.443	-0.003	96	2743478	300.0	298.7	
14 Ethyl ether	59	3.427	3.414	0.013	88	994011	300.1	306.9	
23 Acetonitrile	41	4.235	4.225	0.009	99	1360930	1500.0	1335.8	
* 27 t-Butyl alcohol-d10 (IS)	65	4.527	4.530	-0.003	26	279540	250.0	250.0	M
34 Vinyl acetate	43	5.601	5.588	0.013	97	2504495	300.0	303.4	
42 Ethyl acetate	43	6.466	6.459	0.007	99	1519226	300.0	304.8	
58 Isopropyl acetate	43	7.685	7.681	0.004	98	3036660	300.0	313.1	
* 62 Fluorobenzene (IS)	96	8.000	7.999	0.001	99	984317	50.0	50.0	
73 n-Propyl acetate	61	8.961	8.958	0.003	97	706340	300.0	312.5	
125 3,4-Dichloro-1-butene	75	10.662	10.659	0.003	91	1829648	300.1	337.6	
127 n-Butyl acetate	43	10.781	10.778	0.003	98	2474089	300.0	315.5	
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	83	793107	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	12.231	12.231	0.000	0	954983	300.0	338.4	
153 2,3,4-Trichlorobutene	109	12.691	12.691	0.000	0	2121522	300.1	333.8	
156 Pentachloroethane	167	12.910	12.906	0.004	91	1117802	300.0	283.4	
* 160 1,4-Dichlorobenzene-d4	152	13.189	13.189	0.000	93	482240	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_V5ACE_00054	Amount Added: 15.00	Units: uL
MSV_CCV_LKB_00014	Amount Added: 15.00	Units: uL
MSV_V_SMFreon_00052	Amount Added: 7.50	Units: uL
MSV_Cent_ISO_00012	Amount Added: 5.00	Units: uL
MSV_CCV_Penta_00072	Amount Added: 15.00	Units: uL
MSV_CCV_EE_00009	Amount Added: 15.00	Units: uL

Report Date: 23-Sep-2025 09:35:27

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X08.D

Injection Date: 22-Sep-2025 16:52:33

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC sm v300

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

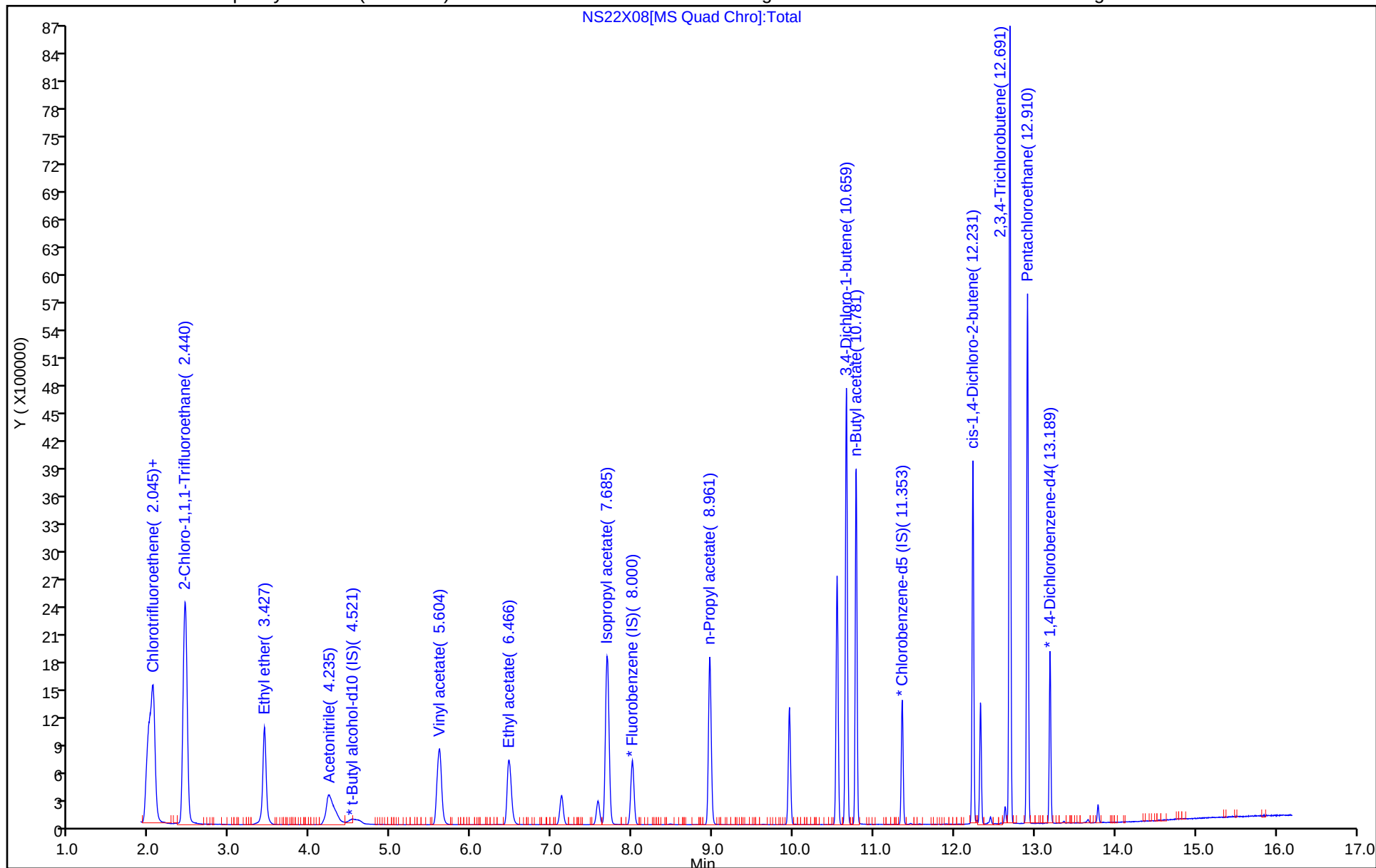
ALS Bottle#: 7

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

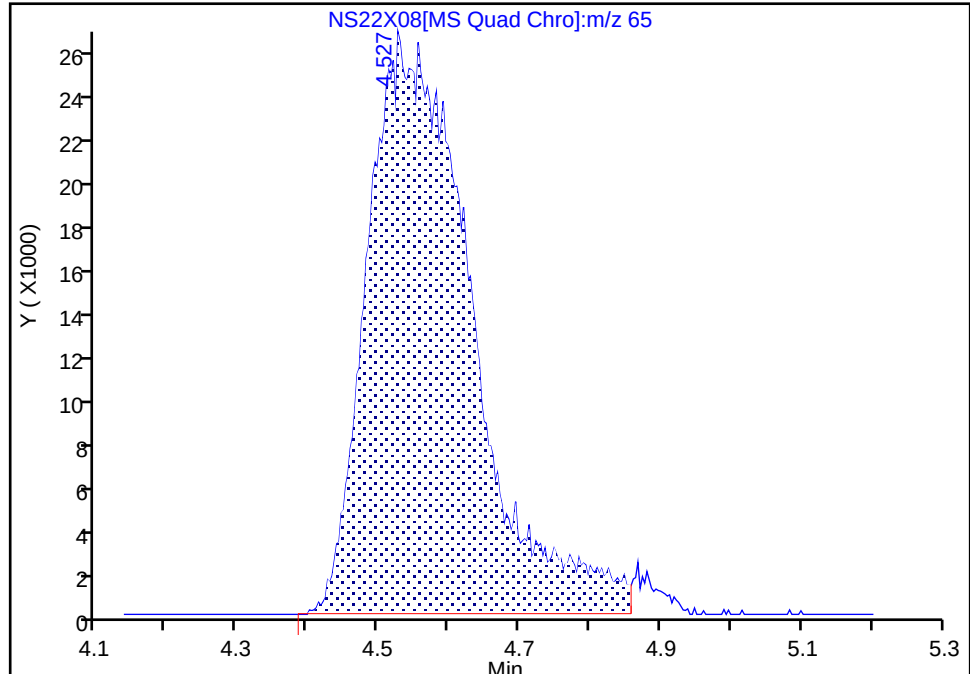
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X08.D
Injection Date: 22-Sep-2025 16:52:33 Instrument ID: 7159
Lims ID: IC sm v300
Client ID:
Operator ID: kas02648 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 27 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

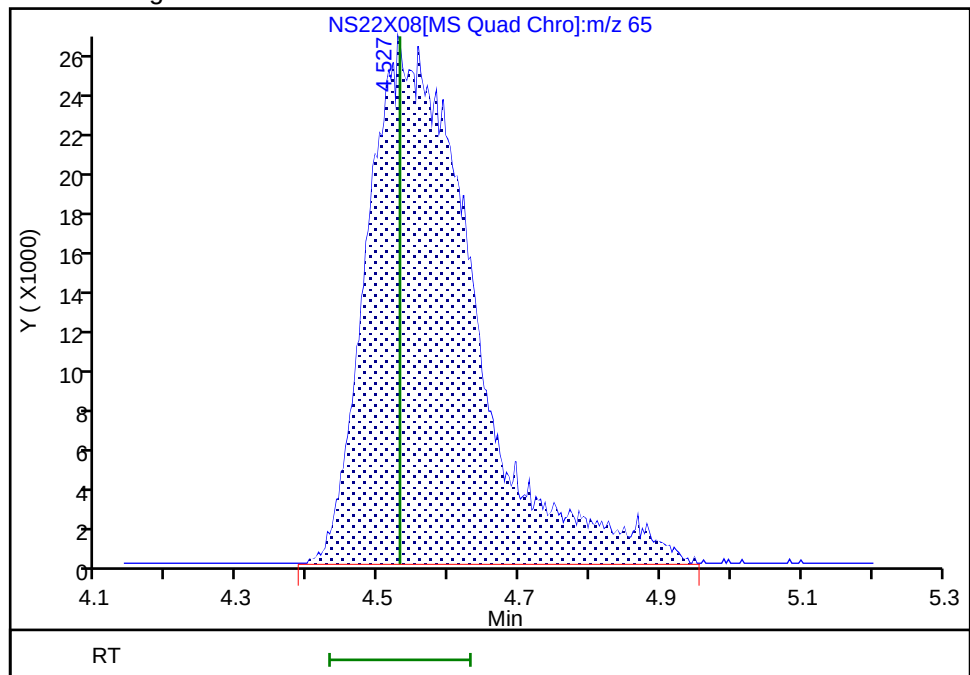
RT: 4.53
Area: 274384
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 4.53
Area: 279540
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 17:37:25 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-702728/12	NS22X22.D
Level 2	IC 410-702728/13	NS22X23.D
Level 3	IC 410-702728/14	NS22X14.D
Level 4	IC 410-702728/15	NS22X15.D
Level 5	ICIS 410-702728/16	NS22X16.D
Level 6	IC 410-702728/17	NS22X17.D
Level 7	IC 410-702728/18	NS22X18.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.6397 0.9080	0.7304 0.8809	0.7998	0.8672	0.9708	Ave		0.828 1			0.1000	13.7		20.0			
Chloromethane	0.6207 0.5866	0.5918 0.5585	0.5950	0.5905	0.6149	Ave		0.594 0			0.1000	3.4		20.0			
1,3-Butadiene	0.3409 0.3973	0.3833 0.3829	0.3633	0.3968	0.4206	Ave		0.383 6				6.7		20.0			
Vinyl chloride	0.5475 0.6118	0.5862 0.5884	0.5940	0.6122	0.6603	Ave		0.600 1			0.1000	5.7		20.0			
Bromomethane	0.4517 0.4561	0.4749 0.4399	0.4854	0.4695	0.4876	Ave		0.466 4			0.1000	3.8		20.0			
Chloroethane	0.2832 0.2707	0.2769 0.2633	0.2735	0.2741	0.2889	Ave		0.275 8			0.1000	3.0		20.0			
Dichlorofluoromethane	0.7484 0.7804	0.8026 0.7558	0.7985	0.7904	0.8287	Ave		0.786 4			0.1000	3.5		20.0			
Trichlorofluoromethane	0.6296 0.8733	0.7392 0.8502	0.7776	0.8362	0.9127	Ave		0.802 7			0.1000	11.9		20.0			
n-Pentane	0.3745 0.3768	0.4277 0.3723	0.3037	0.3765	0.3702	Ave		0.371 7				9.7		20.0			
Ethanol	0.0610 0.0631	0.0728 0.0678	0.0729	0.0691	0.0762	Ave		0.069 0				8.0		20.0			
Freon 123a	0.3204 0.3697	0.3528 0.3616	0.3530	0.3594	0.3932	Ave		0.358 6				6.1		20.0			
Acrolein	++++ 1.1611	1.1254 1.0768	1.1833	1.1459	1.1402	Ave		1.138 8				3.2		20.0			
1,1-Dichloroethene	0.2964 0.2687	0.2978 0.2663	0.2599	0.2730	0.2703	Ave		0.276 1			0.1000	5.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Freon 113	0.3745 0.4112	0.4411 0.3903	0.3556	0.4116	0.4113	Ave		0.399 4			0.1000	7.1		20.0			
Acetone	++++ 0.5915	0.5768 0.5268	0.6035	0.5821	0.5744	Ave		0.575 8			0.1000	4.6		20.0			
Methyl iodide	0.6275 0.6521	0.7176 0.6399	0.6583	0.6747	0.6458	Ave		0.659 4				4.5		20.0			
2-Propanol	0.8954 0.5868	0.8067 0.6296	0.7482	0.7270	0.6644	Ave		0.722 6				14.7		20.0			
Carbon disulfide	0.9026 0.9153	1.0067 0.9076	0.8941	0.9335	0.8982	Ave		0.922 6			0.1000	4.3		20.0			
Methyl acetate	0.2589 0.1965	0.2322 0.1897	0.1860	0.1995	0.1939	Ave		0.208 1			0.1000	13.0		20.0			
Allyl chloride	0.3027 0.3188	0.3691 0.3087	0.3206	0.3279	0.3073	Ave		0.322 2				7.0		20.0			
Methylene Chloride	0.3013 0.2946	0.3203 0.2892	0.3036	0.3082	0.2953	Ave		0.301 8			0.1000	3.4		20.0			
t-Butyl alcohol	1.0360 1.0409	1.0138 1.0460	1.0889	1.0673	1.0997	Ave		1.056 1				2.9		20.0			
Acrylonitrile	0.1207 0.1138	0.1180 0.1100	0.1212	0.1174	0.1133	Ave		0.116 3				3.5		20.0			
Methyl tert-butyl ether	0.9608 0.9294	0.9563 0.9167	0.9476	0.9488	0.9447	Ave		0.943 5			0.1000	1.6		20.0			
trans-1,2-Dichloroethene	0.3261 0.3010	0.3446 0.2821	0.2986	0.3045	0.2986	Ave		0.307 9			0.1000	6.7		20.0			
n-Hexane	0.3362 0.3710	0.3929 0.3482	0.2602	0.3582	0.3664	Ave		0.347 6				12.2		20.0			
1,1-Dichloroethane	0.4612 0.4513	0.4977 0.4332	0.4822	0.4717	0.4592	Ave		0.465 2			0.2000	4.5		20.0			
Isopropyl ether	0.7534 0.7536	0.7562 0.7389	0.7532	0.7535	0.7491	Ave		0.751 1				0.8		20.0			
2-Chloro-1,3-butadiene	0.3646 0.3974	0.4147 0.3828	0.3755	0.3959	0.3948	Ave		0.389 4				4.2		20.0			
Ethyl t-butyl ether	0.7906 0.8644	0.8316 0.8675	0.8175	0.8394	0.8383	Ave		0.835 6				3.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Butanone (MEK)	+++++ 0.1421	0.1525 0.1509	0.1514	0.1464	0.1523	Ave		0.149 3			0.1000	2.8		20.0			
cis-1,2-Dichloroethene	0.3738 0.3388	0.3862 0.3238	0.3558	0.3519	0.3441	Ave		0.353 5			0.1000	6.0		20.0			
2,2-Dichloropropane	0.5179 0.5146	0.5618 0.5047	0.5122	0.5272	0.5169	Ave		0.522 2				3.6		20.0			
Propionitrile	0.9330 0.9235	0.8979 0.8849	0.9315	0.9265	0.8893	Ave		0.912 4				2.3		20.0			
Methyl acrylate	0.3153 0.3075	0.3075 0.3162	0.3008	0.3111	0.3132	Ave		0.310 2				1.7		20.0			
Methacrylonitrile	0.1324 0.1290	0.1254 0.1259	0.1236	0.1248	0.1266	Ave		0.126 8				2.4		20.0			
Bromochloromethane	0.1884 0.1881	0.2013 0.1799	0.2008	0.1973	0.1935	Ave		0.192 8				4.0		20.0			
Tetrahydrofuran	0.8728 0.8740	0.8342 0.8157	0.8610	0.8476	0.8219	Ave		0.846 8				2.8		20.0			
Chloroform	0.6895 0.5371	0.6024 0.5081	0.5800	0.5724	0.5496	Ave		0.577 0			0.2000	10.1		20.0			
1,1,1-Trichloroethane	0.5684 0.5865	0.6235 0.5822	0.5835	0.6030	0.5910	Ave		0.591 2			0.1000	3.0		20.0			
Cyclohexane	0.4672 0.5355	0.5436 0.5242	0.4215	0.5123	0.5247	Ave		0.504 1			0.1000	8.7		20.0			
Carbon tetrachloride	0.5249 0.5612	0.5901 0.5529	0.5236	0.5659	0.5561	Ave		0.553 5			0.1000	4.2		20.0			
1,1-Dichloropropene	0.3620 0.3865	0.4113 0.3812	0.3625	0.3891	0.3862	Ave		0.382 7				4.4		20.0			
Isobutyl alcohol	0.3597 0.2870	0.2851 0.2741	0.2740	0.2802	0.2809	Ave		0.291 6				10.4		20.0			
Benzene	1.1094 1.1302	1.1626 1.1121	1.1597	1.1562	1.1316	Ave		1.137 4			0.5000	2.0		20.0			
1,2-Dichloroethane	0.3850 0.3596	0.3792 0.3539	0.3738	0.3749	0.3620	Ave		0.369 8			0.1000	3.1		20.0			
t-Amyl methyl ether	0.8390 0.8660	0.8275 0.8814	0.8260	0.8299	0.8437	Ave		0.844 8				2.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Heptane	0.3156 0.3099	0.3131 0.2846	0.2101	0.3090	0.3039	Ave		0.292 3				12.9		20.0			
n-Butanol	0.1956 0.2359	0.2097 0.2405	0.2280	0.2179	0.2322	Ave		0.222 8				7.2		20.0			
Trichloroethene	0.3381 0.3347	0.3489 0.3353	0.3300	0.3325	0.3333	Ave		0.336 1			0.2000	1.8		20.0			
Ethyl acrylate	0.3505 0.3684	0.3433 0.3779	0.3393	0.3583	0.3674	Ave		0.357 9				4.0		20.0			
Methylcyclohexane	0.5788 0.6546	0.6335 0.6415	0.4563	0.6251	0.6402	Ave		0.604 3			0.1000	11.5		20.0			
t-Amyl ethyl ether	0.4378 0.4667	0.4568 0.4686	0.4488	0.4566	0.4583	Ave		0.456 2				2.3		20.0			
1,2-Dichloropropane	0.2652 0.2694	0.2678 0.2633	0.2715	0.2725	0.2680	Ave		0.268 2			0.1000	1.2		20.0			
Methyl methacrylate	0.2042 0.2167	0.2021 0.2131	0.2035	0.2116	0.2112	Ave		0.208 9				2.7		20.0			
1,4-Dioxane	0.0569 0.0782	0.0768 0.0770	0.0841	0.0803	0.0859	Ave		0.077 0			0.0050	12.4		20.0			
Dibromomethane	0.1977 0.1979	0.1962 0.1963	0.2018	0.2021	0.2009	Ave		0.199 0				1.3		20.0			
Bromodichloromethane	0.3816 0.4047	0.3920 0.4105	0.3974	0.3953	0.3980	Ave		0.397 1			0.2000	2.3		20.0			
2-Nitropropane	1.4344 1.5664	1.3555 1.5149	1.4120	1.4683	1.4360	Ave		1.455 4				4.8		20.0			
2-Chloroethyl vinyl ether	0.1701 0.1748	0.1699 0.1771	0.1614	0.1738	0.1698	Ave		0.171 0				3.0		20.0			
cis-1,3-Dichloropropene	0.3611 0.4464	0.4189 0.4522	0.4195	0.4280	0.4381	Ave		0.423 5			0.2000	7.2		20.0			
4-Methyl-2-pentanone (MIBK)	0.4092 0.3273	0.3056 0.3249	0.3222	0.3175	0.3417	Ave		0.335 5			0.1000	10.2		20.0			
Toluene	0.9600 0.9458	0.9809 0.9182	0.9387	0.9637	0.9396	Ave		0.949 6			0.4000	2.2		20.0			
trans-1,3-Dichloropropene	0.4645 0.4946	0.4706 0.4951	0.4670	0.4823	0.4813	Ave		0.479 4			0.1000	2.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	0.4224 0.4744	0.4408 0.4665	0.4373	0.4528	0.4678	Ave		0.451 7				4.2		20.0			
1,1,2-Trichloroethane	0.3298 0.3312	0.3469 0.3226	0.3467	0.3332	0.3315	Ave		0.334 6			0.1000	2.7		20.0			
Tetrachloroethene	0.4997 0.5440	0.5799 0.5217	0.5021	0.5449	0.5398	Ave		0.533 2			0.2000	5.3		20.0			
1,3-Dichloropropane	0.4994 0.4967	0.5039 0.4907	0.5100	0.5097	0.5002	Ave		0.501 5				1.4		20.0			
2-Hexanone	0.3700 0.2665	0.2632 0.2593	0.2668	0.2639	0.2805	Ave		0.281 5			0.1000	14.1		20.0			
Dibromochloromethane	0.3882 0.4576	0.4305 0.4595	0.4284	0.4426	0.4419	Ave		0.435 5				5.5		20.0			
1,2-Dibromoethane (EDB)	0.3501 0.3589	0.3658 0.3560	0.3593	0.3675	0.3623	Ave		0.360 0			0.1000	1.7		20.0			
1-Chlorohexane	0.5894 0.5509	0.5907 0.5308	0.4329	0.5337	0.5422	Ave		0.538 7				9.8		20.0			
Chlorobenzene	1.0811 1.1279	1.1677 1.0962	1.1289	1.1434	1.1333	Ave		1.125 5			0.5000	2.6		20.0			
1,1,1,2-Tetrachloroethane	0.4808 0.5057	0.4981 0.4948	0.4983	0.5072	0.4969	Ave		0.497 4				1.7		20.0			
Ethylbenzene	1.8808 1.9133	1.9902 1.7782	1.7890	1.9290	1.9106	Ave		1.884 4			0.1000	4.1		20.0			
m&p-Xylene	0.7088 0.7587	0.7760 0.7222	0.7176	0.7779	0.7740	Ave		0.747 9			0.1000	4.1		20.0			
n-Butyl acrylate	0.5981 0.6532	0.6162 0.6608	0.5925	0.6289	0.6555	Ave		0.629 3				4.5		20.0			
o-Xylene	0.7203 0.7964	0.8217 0.7634	0.7490	0.7989	0.8090	Ave		0.779 8			0.3000	4.7		20.0			
Styrene	1.0853 1.2440	1.1817 1.1812	1.1552	1.2190	1.2331	Ave		1.185 6			0.3000	4.6		20.0			
Bromoform	0.2324 0.3585	0.3154 0.3572	0.3297	0.3335	0.3467	Ave		0.324 8			0.1000	13.4		20.0			
Isopropylbenzene	2.0117 2.2888	2.2451 2.0673	1.9127	2.2725	2.2795	Ave		2.153 9			0.1000	7.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclohexanone	0.2508 0.2608	0.2454 0.2688	0.2707	0.2677	0.2886	Ave		0.264 7				5.4		20.0			
1,1,2,2-Tetrachloroethane	0.8718 0.9094	0.8358 0.8541	0.8776	0.8859	0.9132	Ave		0.878 3			0.3000	3.2		20.0			
Bromobenzene	0.8611 0.9440	0.9301 0.9255	0.9067	0.9239	0.9504	Ave		0.920 2				3.2		20.0			
trans-1,4-Dichloro-2-butene	0.2067 0.2297	0.2184 0.2182	0.2158	0.2215	0.2280	Ave		0.219 7				3.5		20.0			
1,2,3-Trichloropropane	0.2815 0.3031	0.2997 0.2863	0.3120	0.3087	0.3090	Ave		0.300 0				3.9		20.0			
N-Propylbenzene	3.6242 4.1769	3.9778 3.6809	3.3914	4.0763	4.1342	Ave		3.866 0				7.8		20.0			
2-Chlorotoluene	0.8202 0.9235	0.8983 0.8952	0.8171	0.8918	0.9166	Ave		0.880 4				5.0		20.0			
1,3,5-Trimethylbenzene	2.7681 3.3333	3.0119 3.0688	2.6838	3.1808	3.2893	Ave		3.048 0				8.1		20.0			
4-Chlorotoluene	0.7930 0.8762	0.8546 0.8541	0.7861	0.8654	0.8763	Ave		0.843 7				4.5		20.0			
tert-Butylbenzene	0.6332 0.7476	0.6689 0.7370	0.5498	0.6757	0.7189	Ave		0.675 9				10.2		20.0			
1,2,4-Trimethylbenzene	2.8984 3.3483	3.0608 3.1114	2.7703	3.2272	3.3395	Ave		3.108 0				7.0		20.0			
sec-Butylbenzene	3.5189 4.3168	3.8860 3.8148	3.1282	4.0679	4.2626	Ave		3.856 5				10.9		20.0			
1,3-Dichlorobenzene	1.6856 1.7615	1.7595 1.6668	1.6563	1.7702	1.7874	Ave		1.726 8			0.6000	3.2		20.0			
p-Isopropyltoluene	3.2234 3.8572	3.4554 3.4945	2.8240	3.6607	3.7884	Ave		3.472 0				10.3		20.0			
1,4-Dichlorobenzene	1.7152 1.7351	1.7750 1.6621	1.6758	1.7503	1.7383	Ave		1.721 7			0.5000	2.3		20.0			
1,2,3-Trimethylbenzene	2.8669 3.3791	3.1616 3.1310	2.9399	3.2525	3.3537	Ave		3.155 0				6.2		20.0			
Benzyl chloride	1.4718 1.6672	1.4929 1.6498	1.4921	1.5422	1.6292	Ave		1.563 6				5.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
 Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Diethylbenzene	1.8548 2.0794	1.8743 1.9594	1.5644	1.9969	2.0178	Ave		1.906 7				8.9		20.0			
1,4-Diethylbenzene	1.9570 2.1620	1.9688 2.0563	1.6008	2.0784	2.1560	Ave		1.997 0				9.6		20.0			
n-Butylbenzene	1.4808 1.5916	1.5051 1.4909	1.1934	1.5617	1.5890	Ave		1.487 5				9.2		20.0			
1,2-Dichlorobenzene	1.6754 1.7257	1.7505 1.6605	1.6921	1.7486	1.7776	Ave		1.718 6		0.4000		2.5		20.0			
1,2-Diethylbenzene	1.6655 1.8458	1.6984 1.7499	1.4299	1.7656	1.8096	Ave		1.709 2				8.1		20.0			
1,2-Dibromo-3-Chloropropane	0.2619 0.2366	0.2280 0.2413	0.2231	0.2278	0.2355	Ave		0.236 3		0.0500		5.4		20.0			
1,3,5-Trichlorobenzene	1.4204 1.5064	1.4211 1.4729	1.1838	1.4545	1.4753	Ave		1.419 2				7.6		20.0			
1,2,4-Trichlorobenzene	1.2610 1.3722	1.3649 1.3816	1.1488	1.3373	1.3742	Ave		1.320 0		0.2000		6.5		20.0			
2-Ethylhexyl acrylate	0.9357 1.1357	0.8995 1.2486	0.9018	1.0048	1.1148	Ave		1.034 4				13.0		20.0			
Hexachlorobutadiene	0.5018 0.5970	0.5472 0.5923	0.4204	0.5800	0.5911	Ave		0.547 1				12.0		20.0			
Naphthalene	3.7508 4.0637	3.9417 3.8216	3.7549	3.9571	4.1643	Ave		3.922 0				4.0		20.0			
1,2,3-Trichlorobenzene	1.3908 1.3679	1.3527 1.3896	1.2020	1.3773	1.3848	Ave		1.352 2				5.0		20.0			
2-Methylnaphthalene	2.3082 2.4123	2.1806 2.4576	1.9444	2.2765	2.5014	Ave		2.297 3				8.3		20.0			
Dibromofluoromethane (Surr)	0.2859 0.2798	0.2865 0.2758	0.2906	0.2864	0.2847	Ave		0.284 2				1.7		20.0			
1,2-Dichloroethane-d4 (Surr)	0.0637 0.0627	0.0642 0.0641	0.0646	0.0642	0.0649	Ave		0.064 1				1.1		20.0			
Toluene-d8 (Surr)	1.2500 1.2088	1.2455 1.2163	1.2311	1.2309	1.2155	Ave		1.228 3				1.3		20.0			
4-Bromofluorobenzene (Surr)	0.4748 0.4577	0.4682 0.4630	0.4545	0.4639	0.4645	Ave		0.463 8				1.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-702728/12	NS22X22.D
Level 2	IC 410-702728/13	NS22X23.D
Level 3	IC 410-702728/14	NS22X14.D
Level 4	IC 410-702728/15	NS22X15.D
Level 5	ICIS 410-702728/16	NS22X16.D
Level 6	IC 410-702728/17	NS22X17.D
Level 7	IC 410-702728/18	NS22X18.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	13693 2001054	62478 5831911	165647	367201	1040500	1.00 100	4.00 300	10.0	20.0	50.0
Chloromethane	FB	Ave	13287 1292695	50624 3697483	123246	250020	659018	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Butadiene	FB	Ave	7297 875523	32785 2534870	75238	168013	450791	1.00 100	4.00 300	10.0	20.0	50.0
Vinyl chloride	FB	Ave	11720 1348258	50144 3895671	123038	259229	707764	1.00 100	4.00 300	10.0	20.0	50.0
Bromomethane	FB	Ave	9668 1005052	40625 2912376	100527	198796	522605	1.00 100	4.00 300	10.0	20.0	50.0
Chloroethane	FB	Ave	6062 596664	23690 1743007	56657	116054	309644	1.00 100	4.00 300	10.0	20.0	50.0
Dichlorofluoromethane	FB	Ave	16021 1719918	68659 5003898	165380	334689	888172	1.00 100	4.00 300	10.0	20.0	50.0
Trichlorofluoromethane	FB	Ave	13478 1924599	63230 5628842	161056	354075	978301	1.00 100	4.00 300	10.0	20.0	50.0
n-Pentane	FB	Ave	8017 830390	36588 2464947	62909	159434	396742	1.00 100	4.00 300	10.0	20.0	50.0
Ethanol	TBA d10	Ave	4658 190426	22837 652258	42168	82301	118824	62.5 2500	250 7499	500	1000	1250
Freon 123a	FB	Ave	6858 814812	30180 2394145	73112	152201	421494	1.00 100	4.00 300	10.0	20.0	50.0
Acrolein	TBA d10	Ave	++++ 1368149	55096 4040985	133619	266429	694031	++++ 976	39.0 2927	97.6	195	488
1,1-Dichloroethene	FB	Ave	6345 592161	25473 1763332	53824	115579	289711	1.00 100	4.00 300	10.0	20.0	50.0
Freon 113	FB	Ave	8016 906161	37729 2584036	73653	174295	440791	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

Analy Batch No.: 702728

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Acetone	TBA01	Ave	++++ 142859	5787 405217	13966	27737	71661	++++ 200	8.00 600	20.0	40.0	100
Methyl iodide	FB	Ave	13432 1437076	61387 4236645	136351	285676	692197	1.00 100	4.00 300	10.0	20.0	50.0
2-Propanol	TBA01	Ave	5472 354314	20235 1210774	43290	86610	207222	5.00 500	20.0 1500	50.0	100	250
Carbon disulfide	FB	Ave	19320 2017013	86112 6008846	185194	395296	962745	1.00 100	4.00 300	10.0	20.0	50.0
Methyl acetate	FB	Ave	5543 433004	19862 1255639	38531	84466	207819	1.00 100	4.00 300	10.0	20.0	50.0
Allyl chloride	FB	Ave	6480 702471	31576 2043672	66395	138858	329383	1.00 100	4.00 300	10.0	20.0	50.0
Methylene Chloride	FB	Ave	6449 649181	27398 1914504	62875	130490	316496	1.00 100	4.00 300	10.0	20.0	50.0
t-Butyl alcohol	TBA01	Ave	6331 628480	25431 2011368	63003	127148	342964	5.00 500	20.0 1500	50.0	100	250
Acrylonitrile	FB	Ave	6457 627165	25232 1821158	62777	124238	303545	2.50 250	10.0 750	25.0	50.0	125
Methyl tert-butyl ether	FB	Ave	20566 2048266	81806 6069310	196257	401770	1012587	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	6980 663376	29475 1867432	61855	128949	320041	1.00 100	4.00 300	10.0	20.0	50.0
n-Hexane	FB	Ave	7196 817537	33610 2305356	53887	151671	392724	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloroethane	FB	Ave	9873 994480	42571 2867941	99865	199735	492156	1.00 100	4.00 300	10.0	20.0	50.0
Isopropyl ether	FB	Ave	16128 1660812	64691 4892240	156001	319061	802919	1.00 100	4.00 300	10.0	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	7804 875747	35471 2534369	77776	167637	423127	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl t-butyl ether	FB	Ave	16924 1904836	71137 5743594	169313	355435	898516	1.00 100	4.00 300	10.0	20.0	50.0
2-Butanone (MEK)	FB	Ave	++++ 626469	26088 1997499	62698	123972	326481	++++ 200	8.00 600	20.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	8002 746615	33033 2143832	73690	149026	368767	1.00 100	4.00 300	10.0	20.0	50.0
2,2-Dichloropropane	FB	Ave	11085 1134111	48062 3341695	106094	223246	554033	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

Analy Batch No.: 702728

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propionitrile	TBA01	Ave	5702 557573	22522 1701688	53892	110374	277340	5.00 500	20.0 1500	50.0	100	250
Methyl acrylate	FB	Ave	6752 677848	26314 2094230	62315	131766	335800	1.00 100	4.00 300	10.0	20.0	50.0
Methacrylonitrile	FB	Ave	7087 710589	26813 2083736	63992	132108	339173	2.50 250	10.0 750	25.0	50.0	125
Bromochloromethane	FB	Ave	4033 414612	17222 1191217	41600	83537	207361	1.00 100	4.00 300	10.0	20.0	50.0
Tetrahydrofuran	TBA01	Ave	5334 527714	20925 1568636	49813	100977	256335	5.00 500	20.0 1500	50.0	100	250
Chloroform	FB	Ave	14760 1183658	51532 3363652	120127	242368	589099	1.00 100	4.00 300	10.0	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	12168 1292608	53334 3854429	120847	255353	633446	1.00 100	4.00 300	10.0	20.0	50.0
Cyclohexane	FB	Ave	10000 1180062	46500 3470540	87297	216927	562387	1.00 100	4.00 300	10.0	20.0	50.0
Carbon tetrachloride	FB	Ave	11236 1236720	50477 3660772	108444	239606	596055	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloropropene	FB	Ave	7749 851722	35185 2523923	75071	164754	413901	1.00 100	4.00 300	10.0	20.0	50.0
Isobutyl alcohol	TBA01	Ave	5495 433163	17881 1317831	39629	83455	218982	12.5 1250	50.0 3750	125	250	625
Benzene	FB	Ave	23748 2490711	99455 7363054	240202	489558	1212934	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichloroethane	FB	Ave	8242 792540	32434 2342883	77419	158746	387969	1.00 100	4.00 300	10.0	20.0	50.0
t-Amyl methyl ether	FB	Ave	17960 1908440	70787 5835568	171071	351394	904318	1.00 100	4.00 300	10.0	20.0	50.0
n-Heptane	FB	Ave	6756 682940	26780 1884503	43512	130859	325712	1.00 100	4.00 300	10.0	20.0	50.0
n-Butanol	TBA01	Ave	2988 356150	13148 1156288	32977	64891	181080	12.5 1250	50.0 3750	125	250	625
Trichloroethene	FB	Ave	7238 737689	29850 2220146	68353	140798	357208	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl acrylate	FB	Ave	7506 812165	29383 2503176	70310	151805	393994	1.00 100	4.00 300	10.0	20.0	50.0
Methylcyclohexane	FB	Ave	12389	54190	94519	264703	686176	1.00	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1442555	4247207				100	300			
t-Amyl ethyl ether	FB	Ave	9371 1028561	39080 3102340	92961	193357	491260	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichloropropane	FB	Ave	5676 593609	22909 1742900	56224	115400	287285	1.00 100	4.00 300	10.0	20.0	50.0
Methyl methacrylate	FB	Ave	4372 477649	17288 1410846	42139	89600	226357	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Dioxane	TBA01	Ave	870 118067	4818 370164	12167	23915	66991	12.5 1250	50.0 3750	125	250	625
Dibromomethane	FB	Ave	4232 436210	16783 1299739	41791	85577	215332	1.00 100	4.00 300	10.0	20.0	50.0
Bromodichloromethane	FB	Ave	8168 891797	33531 2717762	82317	167384	426633	1.00 100	4.00 300	10.0	20.0	50.0
2-Nitropropane	TBA01	Ave	8766 945759	34001 2912968	81697	174919	447848	5.00 500	20.0 1500	50.0	100	250
2-Chloroethyl vinyl ether	FB	Ave	3642 385156	14530 1172802	33435	73573	182034	1.00 100	4.00 300	10.0	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	7729 983782	35834 2993831	86881	181237	469594	1.00 100	4.00 300	10.0	20.0	50.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	12044 1442549	52289 4302517	133484	268861	732473	1.38 200	8.00 600	20.0	40.0	100
Toluene	CBZd5	Ave	16378 1731381	65791 5087526	158327	331328	831776	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,3-Dichloropropene	CBZd5	Ave	7924 905484	31562 2743631	78769	165832	426057	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl methacrylate	CBZd5	Ave	7206 868475	29567 2584931	73751	155682	414075	1.00 100	4.00 300	10.0	20.0	50.0
1,1,2-Trichloroethane	CBZd5	Ave	5627 606280	23264 1787754	58478	114561	293401	1.00 100	4.00 300	10.0	20.0	50.0
Tetrachloroethene	CBZd5	Ave	8525 995842	38897 2890563	84689	187352	477813	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Dichloropropane	CBZd5	Ave	8520 909198	33795 2719013	86021	175261	442776	1.00 100	4.00 300	10.0	20.0	50.0
2-Hexanone	CBZd5	Ave	8680 975747	35302 2873476	89982	181479	496573	1.38 200	8.00 600	20.0	40.0	100
Dibromochloromethane	CBZd5	Ave	6622 837676	28871 2545854	72254	152166	391154	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dibromoethane (EDB)	CBZd5	Ave	5972 657098	24534 1972457	60603	126356	320683	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

Analy Batch No.: 702728

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1-Chlorohexane	CBZd5	Ave	10055 1008440	39617 2941277	73017	183510	479957	1.00 100	4.00 300	10.0	20.0	50.0
Chlorobenzene	CBZd5	Ave	18443 2064829	78320 6074215	190398	393107	1003216	1.00 100	4.00 300	10.0	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZd5	Ave	8202 925801	33410 2741887	84043	174387	439890	1.00 100	4.00 300	10.0	20.0	50.0
Ethylbenzene	CBZd5	Ave	32087 3502480	133487 9852867	301732	663215	1691239	1.00 100	4.00 300	10.0	20.0	50.0
m&p-Xylene	CBZd5	Ave	24183 2777692	104092 8003799	242047	534888	1370209	2.00 200	8.00 600	20.0	40.0	100
n-Butyl acrylate	CBZd5	Ave	10204 1195969	41331 3661744	99935	216246	580301	1.00 100	4.00 300	10.0	20.0	50.0
o-Xylene	CBZd5	Ave	12288 1457879	55115 4230171	126321	274676	716149	1.00 100	4.00 300	10.0	20.0	50.0
Styrene	CBZd5	Ave	18515 2277357	79256 6544904	194840	419118	1091570	1.00 100	4.00 300	10.0	20.0	50.0
Bromoform	CBZd5	Ave	3965 656285	21157 1979238	55599	114679	306872	1.00 100	4.00 300	10.0	20.0	50.0
Isopropylbenzene	CBZd5	Ave	34319 4189993	150583 11454797	322593	781330	2017800	1.00 100	4.00 300	10.0	20.0	50.0
Cyclohexanone	TBA d1 0	Ave	15326 393695	61566 1292188	78318	159474	225039	50.0 1250	200 3750	250	500	625
1,1,2,2-Tetrachloroethane	DCBd4	Ave	9285 965290	34997 2751855	89307	183749	473691	1.00 100	4.00 300	10.0	20.0	50.0
Bromobenzene	DCBd4	Ave	9171 1001996	38945 2981950	92264	191632	492950	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	5504 609516	22860 1757729	54888	114831	295638	2.50 250	10.0 750	25.0	50.0	125
1,2,3-Trichloropropane	DCBd4	Ave	2998 321737	12549 922412	31747	64024	160277	1.00 100	4.00 300	10.0	20.0	50.0
N-Propylbenzene	DCBd4	Ave	38599 4433392	166564 11859484	345117	845443	2144365	1.00 100	4.00 300	10.0	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	8735 980177	37614 2884361	83150	184965	475418	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	29481 3537946	126119 9887323	273109	659714	1706107	1.00 100	4.00 300	10.0	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	8446 930029	35784 2751771	80000	179486	454529	1.00 100	4.00 300	10.0	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	6744	28009	55945	140142	372876	1.00	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			793494	2374453				100	300			
1,2,4-Trimethylbenzene	DCBd4	Ave	30869 3553887	128164 10024752	281911	669348	1732172	1.00 100	4.00 300	10.0	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	37478 4581891	162718 12290856	318331	843711	2210953	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	17952 1869661	73676 5370177	168553	367149	927117	1.00 100	4.00 300	10.0	20.0	50.0
p-Isopropyltoluene	DCBd4	Ave	34331 4094059	144689 11258948	287378	759259	1964996	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	18268 1841633	74323 5355107	170532	363032	901615	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trimethylbenzene	DCBd4	Ave	30534 3586550	132386 10087783	299167	674592	1739541	1.00 100	4.00 300	10.0	20.0	50.0
Benzyl chloride	DCBd4	Ave	15675 1769588	62511 5315587	151837	319854	845054	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Diethylbenzene	DCBd4	Ave	19754 2207081	78483 6312945	159197	414171	1046619	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Diethylbenzene	DCBd4	Ave	20843 2294754	82439 6625277	162896	431083	1118278	1.00 100	4.00 300	10.0	20.0	50.0
n-Butylbenzene	DCBd4	Ave	15771 1689331	63021 4803495	121443	323916	824200	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	17844 1831700	73299 5349931	172189	362668	922001	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Diethylbenzene	DCBd4	Ave	17738 1959163	71116 5637865	145505	366200	938632	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	2789 251081	9546 777311	22706	47252	122141	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	15128 1598867	59506 4745670	120466	301682	765213	1.00 100	4.00 300	10.0	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	13430 1456437	57153 4451387	116899	277374	712769	1.00 100	4.00 300	10.0	20.0	50.0
2-Ethylhexyl acrylate	DCBd4	Ave	9967 1205624	37673 4023455	91780	208440	578352	1.00 100	4.00 300	10.0	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	5344 633673	22913 1908398	42776	120293	306576	1.00 100	4.00 300	10.0	20.0	50.0
Naphthalene	DCBd4	Ave	39948 4313257	165052 12312714	382110	820728	2159980	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	14813 1451875	56640 4476991	122317	285664	718299	1.00 100	4.00 300	10.0	20.0	50.0
2-Methylnaphthalene	DCBd4	Ave	24583	91307	197870	472166	1297448	1.00	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2560427	7918236				100	300			
Dibromofluoromethane (Surr)	FB	Ave	305986 308356	306329 304288	300932	303149	305199	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	68230 69102	68620 70774	66861	67935	69522	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZd5	Ave	1066227 1106405	1044213 1123282	1038157	1057998	1075927	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	CBZd5	Ave	405047 418893	392502 427548	383305	398783	411139	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-702728/12	NS22X22.D
Level 2	IC 410-702728/13	NS22X23.D
Level 3	IC 410-702728/14	NS22X14.D
Level 4	IC 410-702728/15	NS22X15.D
Level 5	ICIS 410-702728/16	NS22X16.D
Level 6	IC 410-702728/17	NS22X17.D
Level 7	IC 410-702728/18	NS22X18.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Dichlorodifluoromethane	-22.8 6.4	-11.8	-3.4	4.7	17.2	9.7	50 30	30	30	30	30	30
Chloromethane	4.5 -6.0	-0.4	0.2	-0.6	3.5	-1.2	50 30	30	30	30	30	30
1,3-Butadiene	-11.1 -0.2	-0.1	-5.3	3.4	9.7	3.6	50 30	30	30	30	30	30
Vinyl chloride	-8.8 -1.9	-2.3	-1.0	2.0	10.0	2.0	50 30	30	30	30	30	30
Bromomethane	-3.2 -5.7	1.8	4.1	0.7	4.5	-2.2	50 30	30	30	30	30	30
Chloroethane	2.7 -4.5	0.4	-0.8	-0.6	4.7	-1.8	50 30	30	30	30	30	30
Dichlorofluoromethane	-4.8 -3.9	2.1	1.5	0.5	5.4	-0.8	50 30	30	30	30	30	30
Trichlorofluoromethane	-21.6 5.9	-7.9	-3.1	4.2	13.7	8.8	50 30	30	30	30	30	30
n-Pentane	0.8 0.2	15.1	-18.3	1.3	-0.4	1.4	50 30	30	30	30	30	30
Ethanol	-11.6 -1.7	5.6	5.6	0.1	10.5	-8.6	50 30	30	30	30	30	30
Freon 123a	-10.7 0.8	-1.6	-1.6	0.2	9.7	3.1	50 30	30	30	30	30	30
Acrolein	+++++ -5.4	-1.2	3.9	0.6	0.1	2.0	30	50	30	30	30	30
1,1-Dichloroethene	7.4 -3.5	7.9	-5.9	-1.1	-2.1	-2.7	50 30	30	30	30	30	30
Freon 113	-6.2 -2.3	10.4	-11.0	3.1	3.0	3.0	50 30	30	30	30	30	30
Acetone	+++++ -8.5	0.2	4.8	1.1	-0.2	2.7	30	50	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Methyl iodide	-4.8 -3.0	8.8	-0.2	2.3	-2.1	-1.1	50 30	30	30	30	30	30
2-Propanol	23.9 -12.9	11.6	3.5	0.6	-8.1	-18.8	50 30	30	30	30	30	30
Carbon disulfide	-2.2 -1.6	9.1	-3.1	1.2	-2.6	-0.8	50 30	30	30	30	30	30
Methyl acetate	24.4 -8.9	11.6	-10.6	-4.1	-6.8	-5.6	50 30	30	30	30	30	30
Allyl chloride	-6.0 -4.2	14.6	-0.5	1.8	-4.6	-1.1	50 30	30	30	30	30	30
Methylene Chloride	-0.2 -4.2	6.1	0.6	2.1	-2.1	-2.4	50 30	30	30	30	30	30
t-Butyl alcohol	-1.9 -1.0	-4.0	3.1	1.1	4.1	-1.4	50 30	30	30	30	30	30
Acrylonitrile	3.7 -5.4	1.4	4.2	0.9	-2.6	-2.2	50 30	30	30	30	30	30
Methyl tert-butyl ether	1.8 -2.8	1.4	0.4	0.6	0.1	-1.5	50 30	30	30	30	30	30
trans-1,2-Dichloroethene	5.9 -8.4	11.9	-3.0	-1.1	-3.0	-2.2	50 30	30	30	30	30	30
n-Hexane	-3.3 0.2	13.0	-25.1	3.1	5.4	6.7	50 30	30	30	30	30	30
1,1-Dichloroethane	-0.9 -6.9	7.0	3.6	1.4	-1.3	-3.0	50 30	30	30	30	30	30
Isopropyl ether	0.3 -1.6	0.7	0.3	0.3	-0.3	0.3	50 30	30	30	30	30	30
2-Chloro-1,3-butadiene	-6.4 -1.7	6.5	-3.6	1.7	1.4	2.1	50 30	30	30	30	30	30
Ethyl t-butyl ether	-5.4 3.8	-0.5	-2.2	0.5	0.3	3.4	50 30	30	30	30	30	30
2-Butanone (MEK)	++++ 1.1	2.2	1.4	-1.9	2.0	-4.8	30	50	30	30	30	30
cis-1,2-Dichloroethene	5.8 -8.4	9.2	0.7	-0.4	-2.7	-4.2	50 30	30	30	30	30	30
2,2-Dichloropropane	-0.8 -3.3	7.6	-1.9	1.0	-1.0	-1.5	50 30	30	30	30	30	30
Propionitrile	2.3 -3.0	-1.6	2.1	1.5	-2.5	1.2	50 30	30	30	30	30	30
Methyl acrylate	1.6 1.9	-0.9	-3.0	0.3	1.0	-0.9	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Methacrylonitrile	4.4 -0.7	-1.1	-2.5	-1.6	-0.2	1.7	50 30	30	30	30	30	30
Bromochloromethane	-2.3 -6.7	4.4	4.2	2.3	0.4	-2.4	50 30	30	30	30	30	30
Tetrahydrofuran	3.1 -3.7	-1.5	1.7	0.1	-2.9	3.2	50 30	30	30	30	30	30
Chloroform	19.5 -12.0	4.4	0.5	-0.8	-4.7	-6.9	50 30	30	30	30	30	30
1,1,1-Trichloroethane	-3.8 -1.5	5.5	-1.3	2.0	0.0	-0.8	50 30	30	30	30	30	30
Cyclohexane	-7.3 4.0	7.8	-16.4	1.6	4.1	6.2	50 30	30	30	30	30	30
Carbon tetrachloride	-5.2 -0.1	6.6	-5.4	2.2	0.5	1.4	50 30	30	30	30	30	30
1,1-Dichloropropene	-5.4 -0.4	7.5	-5.3	1.7	0.9	1.0	50 30	30	30	30	30	30
Isobutyl alcohol	23.4 -6.0	-2.2	-6.0	-3.9	-3.7	-1.6	50 30	30	30	30	30	30
Benzene	-2.5 -2.2	2.2	2.0	1.6	-0.5	-0.6	50 30	30	30	30	30	30
1,2-Dichloroethane	4.1 -4.3	2.5	1.1	1.4	-2.1	-2.7	50 30	30	30	30	30	30
t-Amyl methyl ether	-0.7 4.3	-2.0	-2.2	-1.8	-0.1	2.5	50 30	30	30	30	30	30
n-Heptane	8.0 -2.6	7.1	-28.1	5.7	4.0	6.0	50 30	30	30	30	30	30
n-Butanol	-12.2 7.9	-5.9	2.3	-2.2	4.2	5.9	50 30	30	30	30	30	30
Trichloroethene	0.6 -0.2	3.8	-1.8	-1.1	-0.9	-0.4	50 30	30	30	30	30	30
Ethyl acrylate	-2.1 5.6	-4.1	-5.2	0.1	2.7	2.9	50 30	30	30	30	30	30
Methylcyclohexane	-4.2 6.2	4.8	-24.5	3.4	5.9	8.3	50 30	30	30	30	30	30
t-Amyl ethyl ether	-4.0 2.7	0.1	-1.6	0.1	0.5	2.3	50 30	30	30	30	30	30
1,2-Dichloropropane	-1.1 -1.9	-0.2	1.2	1.6	-0.1	0.4	50 30	30	30	30	30	30
Methyl methacrylate	-2.2 2.0	-3.3	-2.6	1.3	1.1	3.7	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
1,4-Dioxane	-26.1 -0.1	-0.3	9.2	4.2	11.5	1.5	50 30	30	30	30	30	30
Dibromomethane	-0.6 -1.3	-1.4	1.4	1.6	1.0	-0.5	50 30	30	30	30	30	30
Bromodichloromethane	-3.9 3.4	-1.3	0.1	-0.4	0.2	1.9	50 30	30	30	30	30	30
2-Nitropropane	-1.4 4.1	-6.9	-3.0	0.9	-1.3	7.6	50 30	30	30	30	30	30
2-Chloroethyl vinyl ether	-0.5 3.6	-0.7	-5.6	1.6	-0.7	2.2	50 30	30	30	30	30	30
cis-1,3-Dichloropropene	-14.7 6.8	-1.1	-0.9	1.1	3.5	5.4	50 30	30	30	30	30	30
4-Methyl-2-pentanone (MIBK)	22.0 -3.1	-8.9	-4.0	-5.4	1.8	-2.4	50 30	30	30	30	30	30
Toluene	1.1 -3.3	3.3	-1.1	1.5	-1.0	-0.4	50 30	30	30	30	30	30
trans-1,3-Dichloropropene	-3.1 3.3	-1.8	-2.6	0.6	0.4	3.2	50 30	30	30	30	30	30
Ethyl methacrylate	-6.5 3.3	-2.4	-3.2	0.2	3.6	5.0	50 30	30	30	30	30	30
1,1,2-Trichloroethane	-1.4 -3.6	3.7	3.6	-0.4	-0.9	-1.0	50 30	30	30	30	30	30
Tetrachloroethene	-6.3 -2.2	8.8	-5.8	2.2	1.2	2.0	50 30	30	30	30	30	30
1,3-Dichloropropane	-0.4 -2.2	0.5	1.7	1.6	-0.3	-1.0	50 30	30	30	30	30	30
2-Hexanone	31.5 -7.9	-6.5	-5.2	-6.2	-0.3	-5.3	50 30	30	30	30	30	30
Dibromochloromethane	-10.9 5.5	-1.2	-1.6	1.6	1.5	5.1	50 30	30	30	30	30	30
1,2-Dibromoethane (EDB)	-2.8 -1.1	1.6	-0.2	2.1	0.6	-0.3	50 30	30	30	30	30	30
1-Chlorohexane	9.4 -1.5	9.7	-19.6	-0.9	0.7	2.3	50 30	30	30	30	30	30
Chlorobenzene	-3.9 -2.6	3.8	0.3	1.6	0.7	0.2	50 30	30	30	30	30	30
1,1,1,2-Tetrachloroethane	-3.3 -0.5	0.1	0.2	2.0	-0.1	1.7	50 30	30	30	30	30	30
Ethylbenzene	-0.2 -5.6	5.6	-5.1	2.4	1.4	1.5	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
m&p-Xylene	-5.2 -3.4	3.8	-4.1	4.0	3.5	1.4	50 30	30	30	30	30	30
n-Butyl acrylate	-5.0 5.0	-2.1	-5.9	-0.1	4.2	3.8	50 30	30	30	30	30	30
o-Xylene	-7.6 -2.1	5.4	-4.0	2.4	3.7	2.1	50 30	30	30	30	30	30
Styrene	-8.5 -0.4	-0.3	-2.6	2.8	4.0	4.9	50 30	30	30	30	30	30
Bromoform	-28.4 10.0	-2.9	1.5	2.7	6.7	10.4	50 30	30	30	30	30	30
Isopropylbenzene	-6.6 -4.0	4.2	-11.2	5.5	5.8	6.3	50 30	30	30	30	30	30
Cyclohexanone	-5.3 1.5	-7.3	2.3	1.1	9.0	-1.5	50 30	30	30	30	30	30
1,1,2,2-Tetrachloroethane	-0.7 -2.8	-4.8	-0.1	0.9	4.0	3.5	50 30	30	30	30	30	30
Bromobenzene	-6.4 0.6	1.1	-1.5	0.4	3.3	2.6	50 30	30	30	30	30	30
trans-1,4-Dichloro-2-butene	-5.9 -0.7	-0.6	-1.8	0.8	3.8	4.5	50 30	30	30	30	30	30
1,2,3-Trichloropropane	-6.2 -4.6	-0.1	4.0	2.9	3.0	1.0	50 30	30	30	30	30	30
N-Propylbenzene	-6.3 -4.8	2.9	-12.3	5.4	6.9	8.0	50 30	30	30	30	30	30
2-Chlorotoluene	-6.8 1.7	2.0	-7.2	1.3	4.1	4.9	50 30	30	30	30	30	30
1,3,5-Trimethylbenzene	-9.2 0.7	-1.2	-11.9	4.4	7.9	9.4	50 30	30	30	30	30	30
4-Chlorotoluene	-6.0 1.2	1.3	-6.8	2.6	3.9	3.9	50 30	30	30	30	30	30
tert-Butylbenzene	-6.3 9.0	-1.0	-18.7	0.0	6.4	10.6	50 30	30	30	30	30	30
1,2,4-Trimethylbenzene	-6.7 0.1	-1.5	-10.9	3.8	7.4	7.7	50 30	30	30	30	30	30
sec-Butylbenzene	-8.8 -1.1	0.8	-18.9	5.5	10.5	11.9	50 30	30	30	30	30	30
1,3-Dichlorobenzene	-2.4 -3.5	1.9	-4.1	2.5	3.5	2.0	50 30	30	30	30	30	30
p-Isopropyltoluene	-7.2 0.6	-0.5	-18.7	5.4	9.1	11.1	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
1,4-Dichlorobenzene	-0.4 -3.5	3.1	-2.7	1.7	1.0	0.8	50 30	30	30	30	30	30
1,2,3-Trimethylbenzene	-9.1 -0.8	0.2	-6.8	3.1	6.3	7.1	50 30	30	30	30	30	30
Benzyl chloride	-5.9 5.5	-4.5	-4.6	-1.4	4.2	6.6	50 30	30	30	30	30	30
1,3-Diethylbenzene	-2.7 2.8	-1.7	-18.0	4.7	5.8	9.1	50 30	30	30	30	30	30
1,4-Diethylbenzene	-2.0 3.0	-1.4	-19.8	4.1	8.0	8.3	50 30	30	30	30	30	30
n-Butylbenzene	-0.5 0.2	1.2	-19.8	5.0	6.8	7.0	50 30	30	30	30	30	30
1,2-Dichlorobenzene	-2.5 -3.4	1.9	-1.5	1.7	3.4	0.4	50 30	30	30	30	30	30
1,2-Diethylbenzene	-2.6 2.4	-0.6	-16.3	3.3	5.9	8.0	50 30	30	30	30	30	30
1,2-Dibromo-3-Chloropropane	10.8 2.1	-3.5	-5.6	-3.6	-0.3	0.1	50 30	30	30	30	30	30
1,3,5-Trichlorobenzene	0.1 3.8	0.1	-16.6	2.5	4.0	6.1	50 30	30	30	30	30	30
1,2,4-Trichlorobenzene	-4.5 4.7	3.4	-13.0	1.3	4.1	4.0	50 30	30	30	30	30	30
2-Ethylhexyl acrylate	-9.5 20.7	-13.0	-12.8	-2.9	7.8	9.8	50 30	30	30	30	30	30
Hexachlorobutadiene	-8.3 8.3	0.0	-23.2	6.0	8.0	9.1	50 30	30	30	30	30	30
Naphthalene	-4.4 -2.6	0.5	-4.3	0.9	6.2	3.6	50 30	30	30	30	30	30
1,2,3-Trichlorobenzene	2.9 2.8	0.0	-11.1	1.9	2.4	1.2	50 30	30	30	30	30	30
2-Methylnaphthalene	0.5 7.0	-5.1	-15.4	-0.9	8.9	5.0	50 30	30	30	30	30	30
Dibromofluoromethane (Surr)	0.6 -3.0	0.8	2.2	0.7	0.2	-1.5	50 30	30	30	30	30	30
1,2-Dichloroethane-d4 (Surr)	-0.5 0.1	0.2	0.8	0.2	1.3	-2.1	50 30	30	30	30	30	30
Toluene-d8 (Surr)	1.8 -1.0	1.4	0.2	0.2	-1.0	-1.6	50 30	30	30	30	30	30
4-Bromofluorobenzene (Surr)	2.4 -0.2	0.9	-2.0	0.0	0.1	-1.3	50 30	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
 Lims ID: IC v1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 22-Sep-2025 22:39:28 ALS Bottle#: 21 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-012
 Misc. Info.: IC V1
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub47
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:35:29 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: UKEK

Date: 23-Sep-2025 09:30:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.984					ND	
2 Dichlorodifluoromethane	85	2.025	2.025	0.000	34	13693	1.00	0.7725	
3 Chlorodifluoromethane	51		2.041					ND	U
4 Chloromethane	50	2.228	2.231	-0.003	99	13287	1.00	1.05	
5 Butadiene	39	2.344	2.350	-0.006	86	7297	1.00	0.8887	M
6 Vinyl chloride	62	2.357	2.363	-0.006	96	11720	1.00	0.9124	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.443					ND	
8 Bromomethane	94	2.701	2.704	-0.003	81	9668	1.00	0.9683	
9 Chloroethane	64	2.797	2.810	-0.013	51	6062	1.00	1.03	M
10 Dichlorofluoromethane	67	3.061	3.074	-0.013	96	16021	1.00	0.9517	
11 Trichlorofluoromethane	101	3.125	3.141	-0.016	48	13478	1.00	0.7844	M
12 Pentane	43	3.180	3.176	0.004	89	8017	1.00	1.01	
13 Ethanol	45	3.276	3.328	-0.052	69	4658	62.5	55.2	
15 1,2-Dichloro-1,1,2-trifluoroethane	67	3.501	3.511	-0.010	34	6858	1.00	0.8934	M
16 Acrolein	56	3.607	3.607	0.000	99	13704	6.71	9.85	
17 1,1-Dichloroethene	96	3.742	3.752	-0.010	95	6345	1.00	1.07	M
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.775	3.791	-0.016	40	8016	1.00	0.9377	M
19 Acetone	58	3.797	3.794	0.003	44	1449	1.38	2.06	
20 Iodomethane	142	3.948	3.964	-0.016	99	13432	1.00	0.9516	
21 Isopropyl alcohol	45	3.990	3.984	0.006	30	5472	5.00	6.20	M
22 Carbon disulfide	76	4.070	4.070	0.000	95	19320	1.00	0.9783	
24 Methyl acetate	43	4.250	4.254	-0.004	55	5543	1.00	1.24	M
25 3-Chloro-1-propene	41	4.276	4.283	-0.007	90	6480	1.00	0.9397	M
26 Methylene Chloride	84	4.476	4.485	-0.009	38	6449	1.00	1.00	M
* 27 t-Butyl alcohol-d10 (IS)	65	4.498	4.530	-0.032	32	305558	250.0	250.0	
28 2-Methyl-2-propanol	59	4.697	4.665	0.032	32	6331	5.00	4.90	M
29 Acrylonitrile	53	4.849	4.861	-0.013	18	6457	2.50	2.59	M
32 Methyl tert-butyl ether	73	4.913	4.910	0.003	68	20566	1.00	1.02	M
31 trans-1,2-Dichloroethene	96	4.916	4.913	0.003	96	6980	1.00	1.06	M
33 Hexane	57	5.350	5.347	0.003	77	7196	1.00	0.9672	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	5.585	5.591	-0.006	95	9873	1.00	0.99	M
36 Isopropyl ether	45	5.643	5.652	-0.009	81	16128	1.00	1.00	
37 2-Chloro-1,3-butadiene	53	5.688	5.697	-0.009	87	7804	1.00	0.9363	M
S 38 1,2-Dichloroethene, Total	100				0			2.12	
39 Tert-butyl ethyl ether	59	6.170	6.186	-0.016	98	16924	1.00	0.9462	M
40 2-Butanone (MEK)	43	6.382	6.401	-0.019	88	7058	1.38	2.21	M
41 cis-1,2-Dichloroethene	96	6.430	6.424	0.006	42	8002	1.00	1.06	M
43 2,2-Dichloropropane	77	6.434	6.443	-0.009	60	11085	1.00	0.99	M
44 Propionitrile	54	6.479	6.508	-0.029	55	5702	5.00	5.11	M
45 Methyl acrylate	55	6.517	6.524	-0.007	64	6752	1.00	1.02	M
46 Methacrylonitrile	67	6.701	6.713	-0.012	73	7087	2.50	2.61	M
47 Chlorobromomethane	128	6.752	6.752	0.000	64	4033	1.00	0.9774	M
48 Tetrahydrofuran	71	6.765	6.768	-0.003	78	5334	5.00	5.15	M
49 Chloroform	83	6.890	6.906	-0.016	68	14760	1.00	1.20	M
\$ 50 Dibromofluoromethane (Surr)	113	7.106	7.115	-0.009	95	305986	50.0	50.3	
51 1,1,1-Trichloroethane	97	7.122	7.128	-0.006	41	12168	1.00	0.9616	
52 Cyclohexane	56	7.202	7.215	-0.013	87	10000	1.00	0.9267	
53 Carbon tetrachloride	117	7.308	7.334	-0.026	59	11236	1.00	0.9483	M
54 1,1-Dichloropropene	75	7.324	7.334	-0.010	88	7749	1.00	0.9460	
55 Isobutyl alcohol	41	7.508	7.495	0.013	29	5495	12.5	15.4	M
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.562	7.575	-0.013	92	68230	50.0	49.8	
57 Benzene	78	7.585	7.594	-0.009	92	23748	1.00	0.9754	M
59 1,2-Dichloroethane	62	7.662	7.675	-0.013	96	8242	1.00	1.04	
60 Tert-amyl methyl ether	73	7.778	7.787	-0.009	96	17960	1.00	0.99	M
* 62 Fluorobenzene (IS)	96	7.990	7.999	-0.009	100	1070287	50.0	50.0	
63 n-Heptane	43	7.993	8.000	-0.007	37	6756	1.00	1.08	
64 n-Butanol	56	8.356	8.356	0.000	73	2988	12.5	11.0	
65 Trichloroethene	95	8.453	8.463	-0.010	75	7238	1.00	1.01	M
66 Ethyl acrylate	55	8.575	8.585	-0.010	97	7506	1.00	0.9798	
67 Methylcyclohexane	83	8.771	8.768	0.003	81	12389	1.00	0.9578	
68 2-ethoxy-2-methyl butane	87	8.791	8.803	-0.012	93	9371	1.00	0.9595	
69 1,2-Dichloropropane	63	8.794	8.803	-0.009	69	5676	1.00	0.9886	M
70 Methyl methacrylate	69	8.874	8.881	-0.007	63	4372	1.00	0.9776	
71 1,4-Dioxane	88	8.897	8.900	-0.003	1	870	12.5	9.24	M
72 Dibromomethane	93	8.903	8.909	-0.006	90	4232	1.00	0.99	
74 Dichlorobromomethane	83	9.138	9.138	0.000	97	8168	1.00	0.9610	
75 2-Nitropropane	41	9.401	9.411	-0.010	97	8766	5.00	4.93	
76 2-Chloroethyl vinyl ether	63	9.479	9.485	-0.006	90	3642	1.00	1.00	M
77 cis-1,3-Dichloropropene	75	9.649	9.659	-0.010	96	7729	1.00	0.8527	
78 4-Methyl-2-pentanone (MIBK)	43	9.819	9.826	-0.007	94	12044	1.38	1.68	
\$ 79 Toluene-d8 (Surr)	98	9.945	9.951	-0.006	93	1066227	50.0	50.9	
118 Toluene	92	10.019	10.025	-0.006	99	16378	1.00	1.01	
S 119 1,3-Dichloropropene, Total	100				0			1.82	
120 trans-1,3-Dichloropropene	75	10.263	10.266	-0.003	91	7924	1.00	0.9690	M
121 Ethyl methacrylate	69	10.321	10.324	-0.003	86	7206	1.00	0.9351	
122 1,1,2-Trichloroethane	97	10.463	10.466	-0.003	72	5627	1.00	0.9859	M
123 Tetrachloroethene	166	10.536	10.543	-0.007	96	8525	1.00	0.9372	
124 1,3-Dichloropropane	76	10.617	10.623	-0.006	88	8520	1.00	1.00	M
126 2-Hexanone	43	10.665	10.671	-0.006	96	8680	1.38	1.81	
128 Chlorodibromomethane	129	10.823	10.826	-0.003	89	6622	1.00	0.8913	
129 Ethylene Dibromide	107	10.938	10.938	0.000	96	5972	1.00	0.9724	
S 130 Xylenes, Total	106				0			2.82	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 131 Chlorobenzene-d5 (IS)	117	11.350	11.353	-0.003	83	853006	50.0	50.0	
132 1-Chlorohexane	91	11.353	11.356	-0.003	34	10055	1.00	1.09	
133 Chlorobenzene	112	11.376	11.379	-0.003	93	18443	1.00	0.9605	
134 1,1,1,2-Tetrachloroethane	131	11.456	11.456	0.000	70	8202	1.00	0.9665	
135 Ethylbenzene	91	11.459	11.459	0.000	98	32087	1.00	1.00	
136 m-Xylene & p-Xylene	106	11.572	11.572	0.000	99	24183	2.00	1.90	
137 n-Butyl acrylate	55	11.835	11.835	0.000	97	10204	1.00	0.9505	
138 o-Xylene	106	11.890	11.890	0.000	96	12288	1.00	0.9236	
139 Styrene	104	11.903	11.906	-0.003	92	18515	1.00	0.9153	
140 Bromoform	173	12.064	12.061	0.004	94	3965	1.00	0.7156	
141 Isopropylbenzene	105	12.183	12.186	-0.003	95	34319	1.00	0.9339	
143 Cyclohexanone	55	12.270	12.270	0.000	89	15326	50.0	47.4	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.324	12.324	0.000	97	405047	50.0	51.2	
145 1,1,2,2-Tetrachloroethane	83	12.424	12.424	0.000	96	9285	1.00	0.99	
146 Bromobenzene	156	12.443	12.443	0.000	90	9171	1.00	0.9357	
147 trans-1,4-Dichloro-2-butene	53	12.453	12.450	0.003	84	5504	2.50	2.35	
148 1,2,3-Trichloropropane	110	12.472	12.472	0.000	79	2998	1.00	0.9382	M
149 N-Propylbenzene	91	12.504	12.504	0.000	98	38599	1.00	0.9375	
150 2-Chlorotoluene	126	12.581	12.581	0.000	98	8735	1.00	0.9316	
151 1,3,5-Trimethylbenzene	105	12.633	12.636	-0.003	94	29481	1.00	0.9082	
152 4-Chlorotoluene	126	12.678	12.675	0.003	95	8446	1.00	0.9400	M
154 tert-Butylbenzene	134	12.871	12.877	-0.006	91	6744	1.00	0.9369	M
155 1,2,4-Trimethylbenzene	105	12.916	12.919	-0.003	96	30869	1.00	0.9326	
157 sec-Butylbenzene	105	13.035	13.038	-0.003	94	37478	1.00	0.9125	
158 1,3-Dichlorobenzene	146	13.134	13.138	-0.004	74	17952	1.00	0.9761	
159 4-Isopropyltoluene	119	13.141	13.141	0.000	97	34331	1.00	0.9284	
* 160 1,4-Dichlorobenzene-d4	152	13.189	13.189	0.000	94	532520	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.205	13.208	-0.003	96	18268	1.00	1.00	a
162 1,2,3-Trimethylbenzene	105	13.218	13.218	0.000	96	30534	1.00	0.9087	
163 Benzyl chloride	91	13.282	13.286	-0.004	98	15675	1.00	0.9413	
164 1,3-Diethylbenzene	119	13.340	13.340	0.000	97	19754	1.00	0.9728	
165 p-Diethylbenzene	119	13.408	13.411	-0.003	94	20843	1.00	0.9800	
166 n-Butylbenzene	92	13.427	13.430	-0.003	97	15771	1.00	1.00	
167 1,2-Dichlorobenzene	146	13.466	13.466	0.000	99	17844	1.00	0.9749	
168 o-diethylbenzene	119	13.479	13.482	-0.003	92	17738	1.00	0.9744	
170 1,2-Dibromo-3-Chloropropane	75	14.006	14.003	0.003	89	2789	1.00	1.11	
171 1,3,5-Trichlorobenzene	180	14.125	14.122	0.003	97	15128	1.00	1.00	
172 1,2,4-Trichlorobenzene	180	14.543	14.543	0.000	94	13430	1.00	0.9553	
173 2-Ethylhexyl acrylate	55	14.594	14.597	-0.003	83	9967	1.00	0.9047	
174 Hexachlorobutadiene	225	14.623	14.623	0.000	94	5344	1.00	0.9171	
175 Naphthalene	128	14.729	14.729	0.000	96	39948	1.00	0.9564	
176 1,2,3-Trichlorobenzene	180	14.874	14.871	0.003	95	14813	1.00	1.03	
177 2-Methylnaphthalene	142	15.520	15.517	0.003	91	24583	1.00	1.00	
S 238 Total Diethylbenzene	1				0			2.93	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

Reagents:

MSV_4ppbEtoh_00802

Amount Added: 12.50

Units: mL

MSV_Cent_ISSS_00044

Amount Added: 5.00

Units: uL

Run Reagent

MSV_V_SMFreon_00052

Amount Added: 0.00

Units:

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D

Injection Date: 22-Sep-2025 22:39:28

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC v1

Worklist Smp#: 12

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

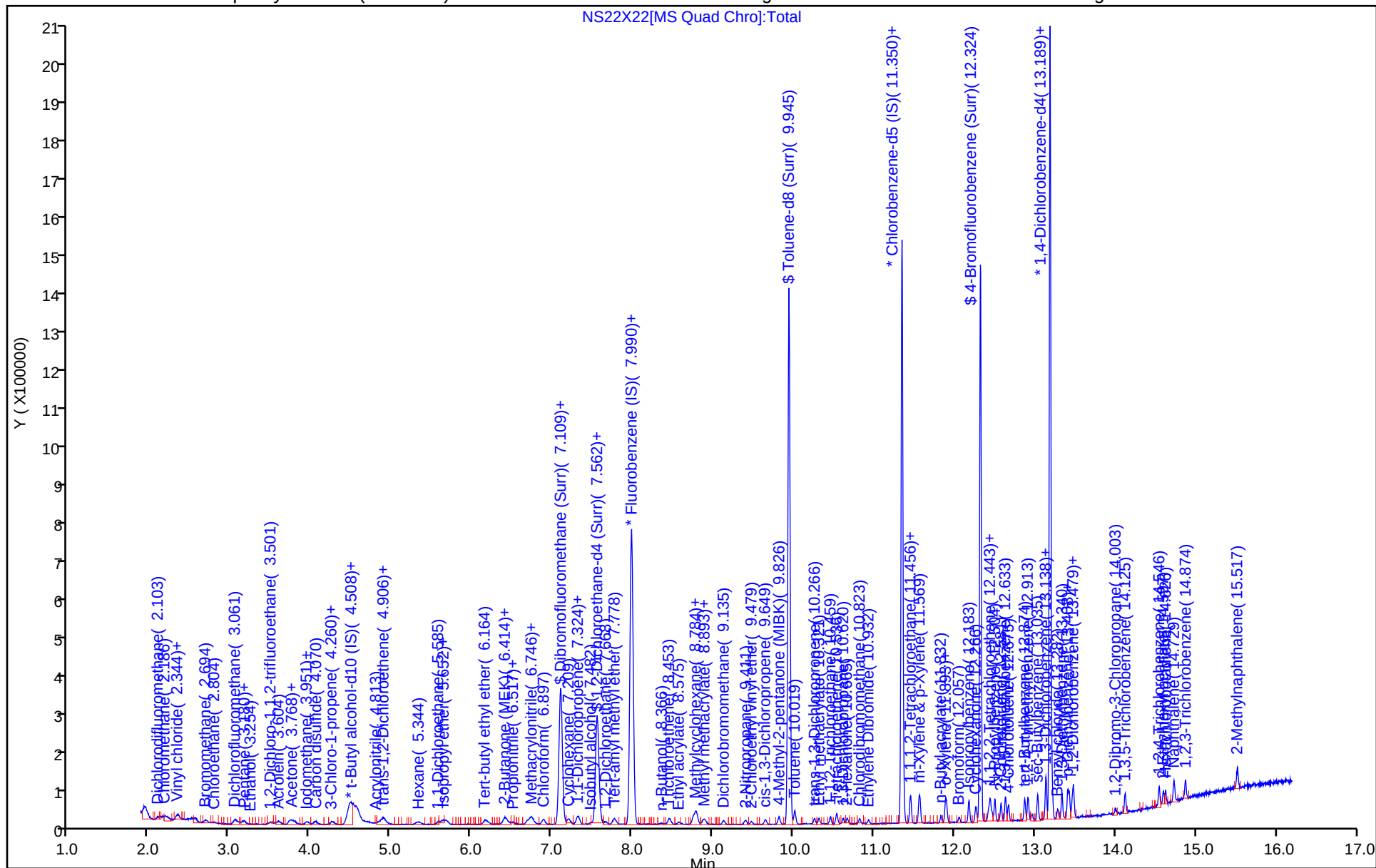
ALS Bottle#: 21

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

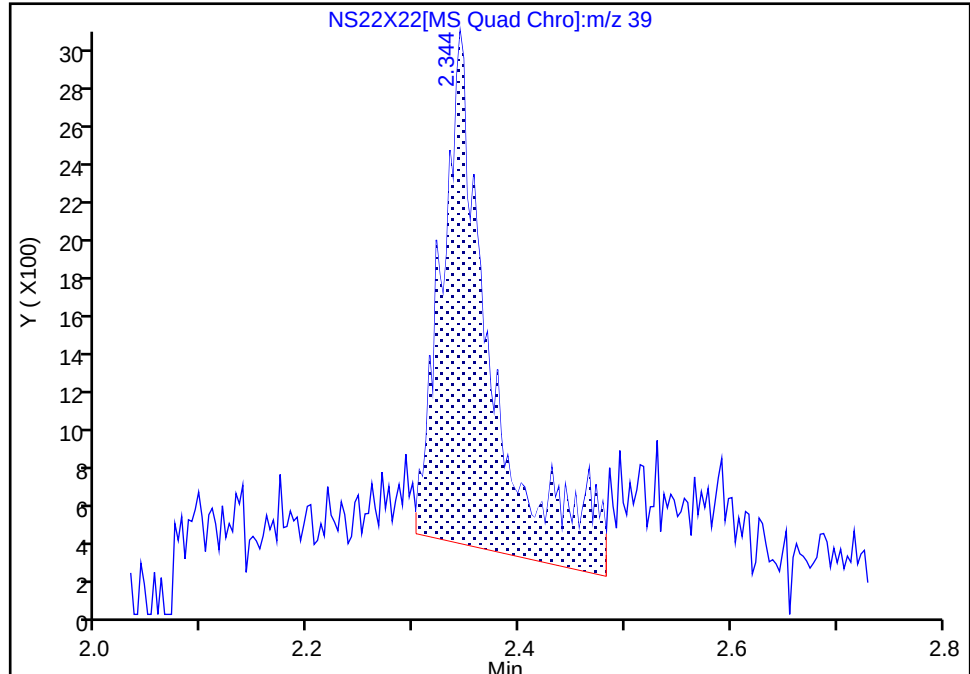
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Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

5 Butadiene, CAS: 106-99-0

Signal: 1

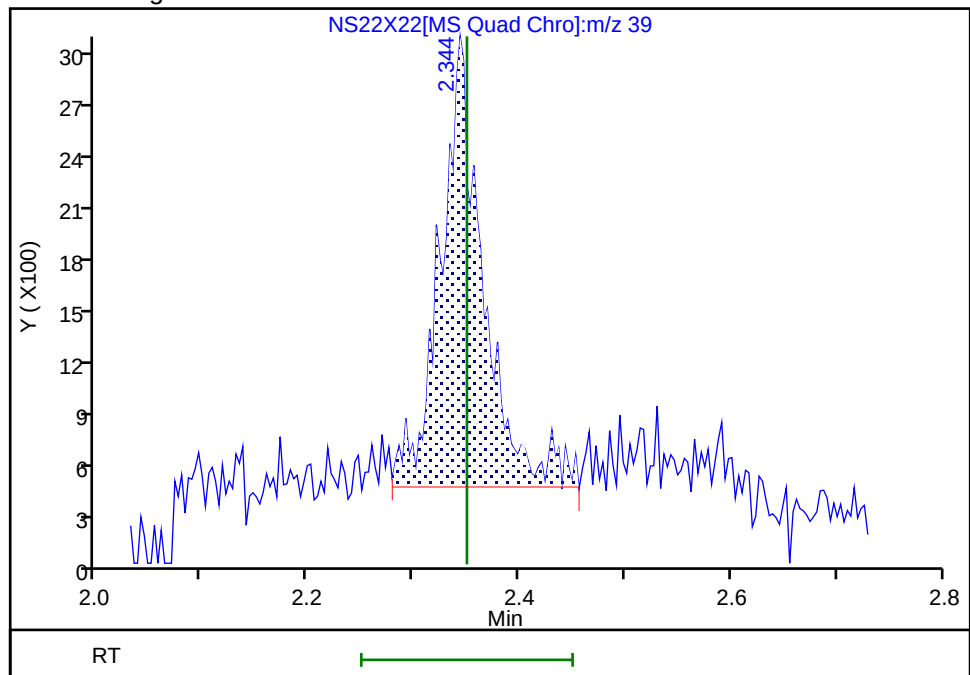
RT: 2.34
Area: 8655
Amount: 1.029816
Amount Units: ug/l

Processing Integration Results



RT: 2.34
Area: 7297
Amount: 0.888749
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:16:56 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

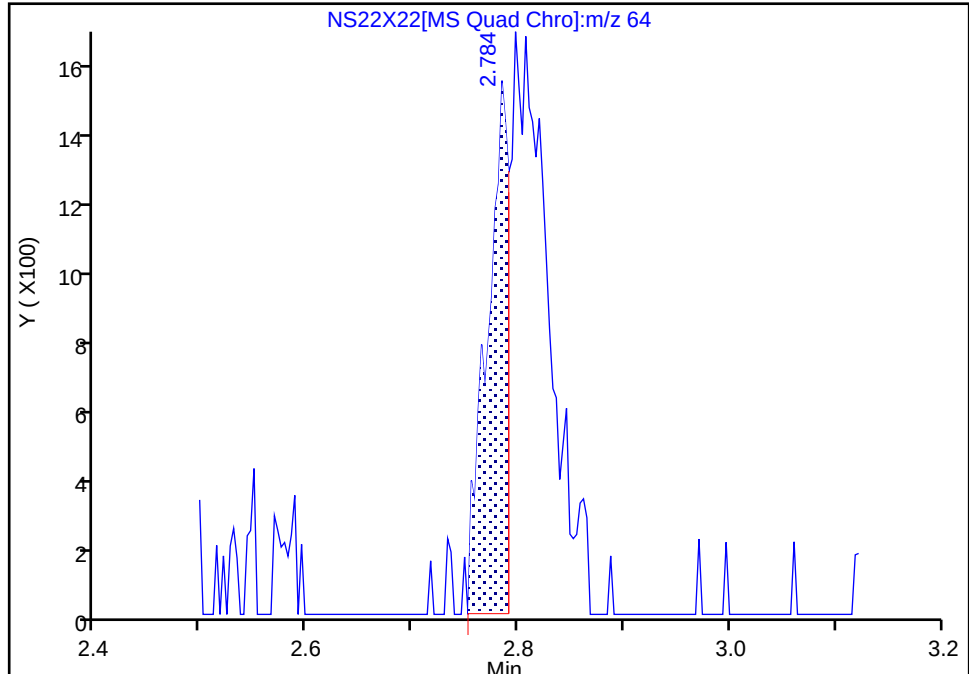
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Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

9 Chloroethane, CAS: 75-00-3

Signal: 1

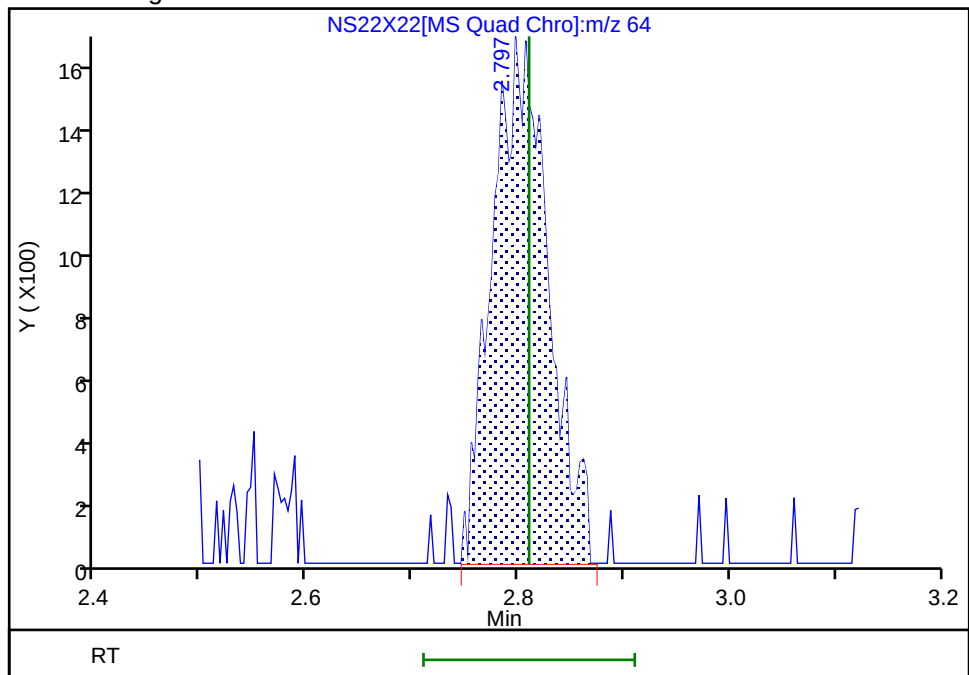
RT: 2.78
Area: 2106
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 2.80
Area: 6062
Amount: 1.026779
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:14:56 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

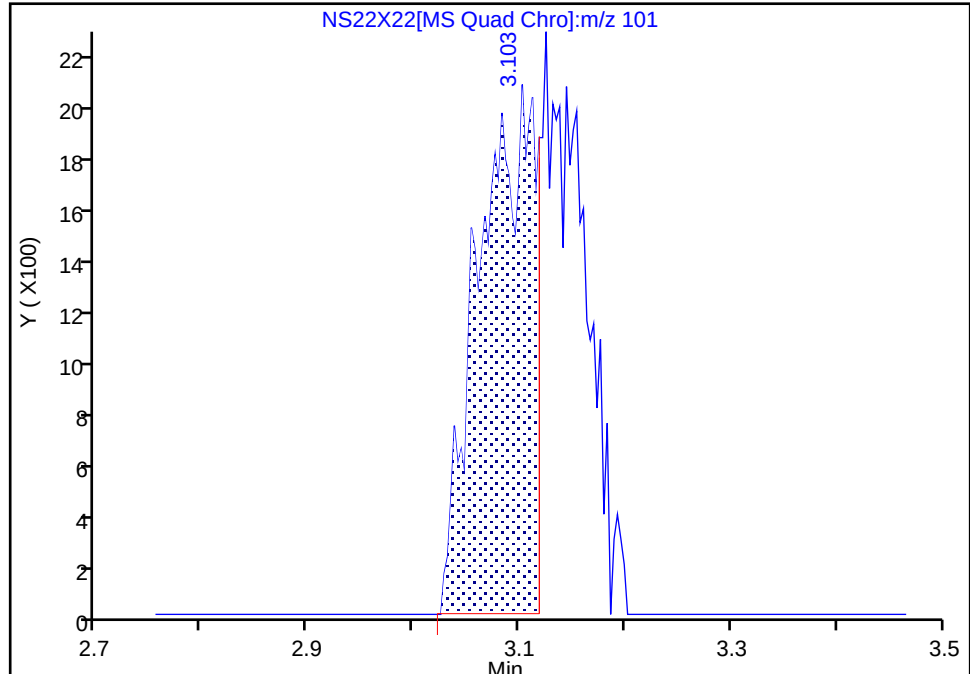
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Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

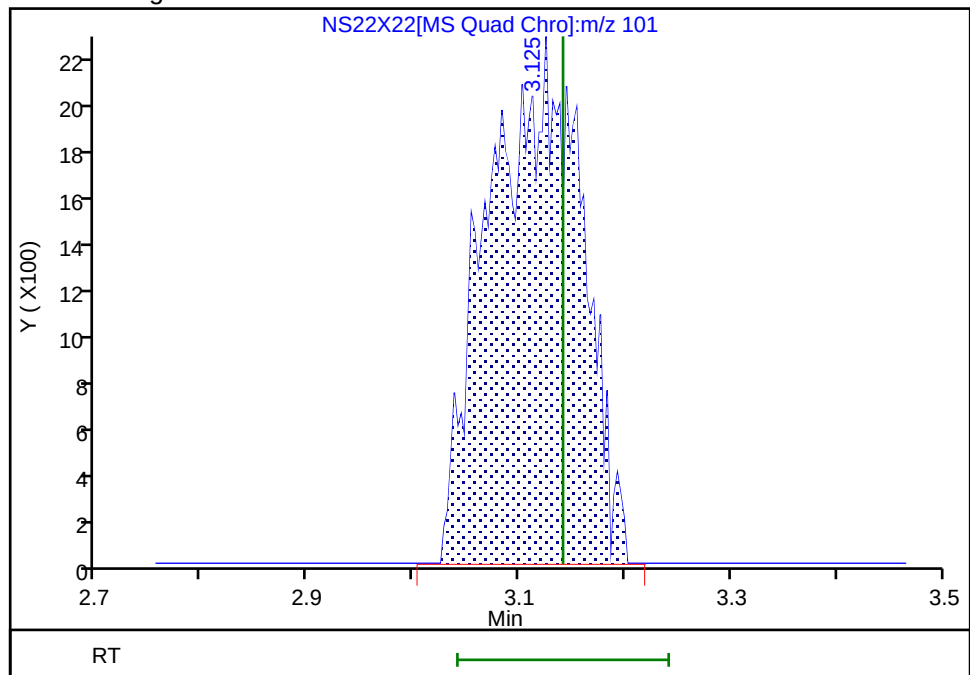
RT: 3.10
Area: 7503
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 3.13
Area: 13478
Amount: 0.784415
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:00 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

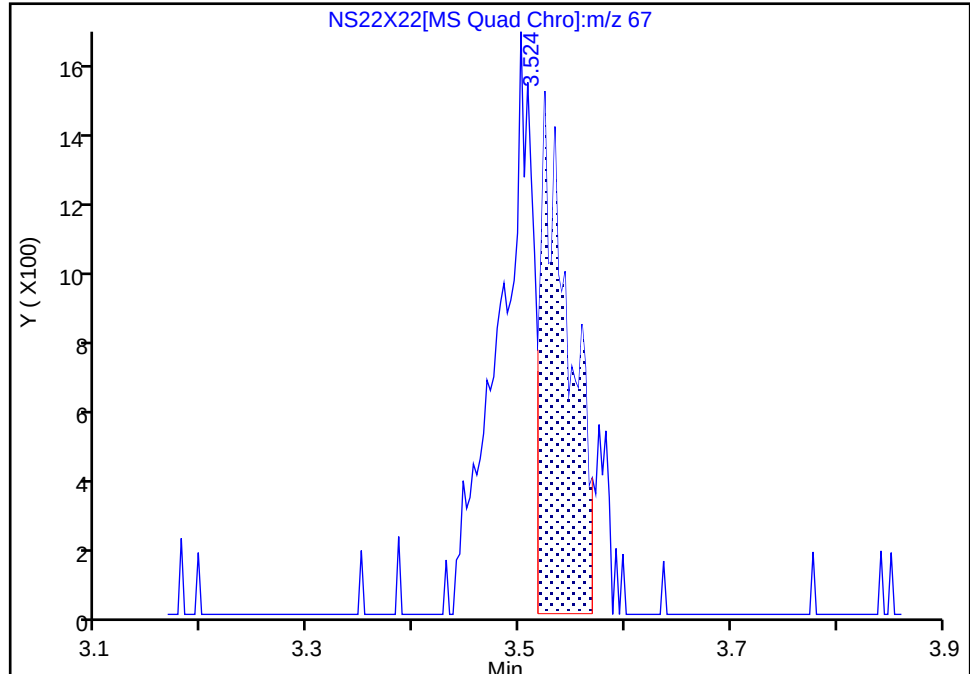
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Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

15 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

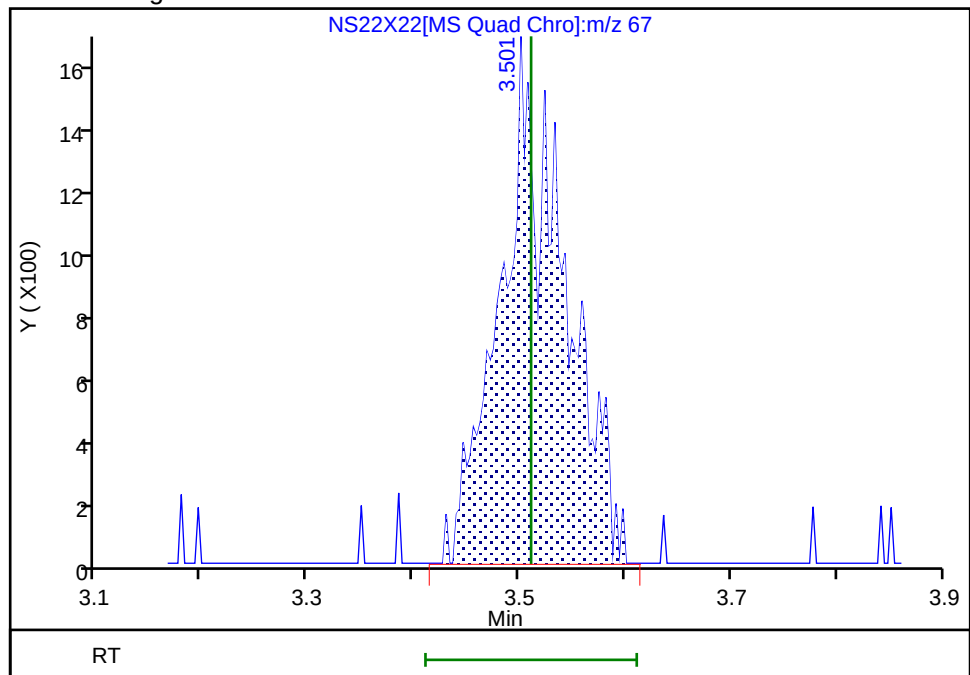
RT: 3.52
Area: 2800
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 3.50
Area: 6858
Amount: 0.893414
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:06 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

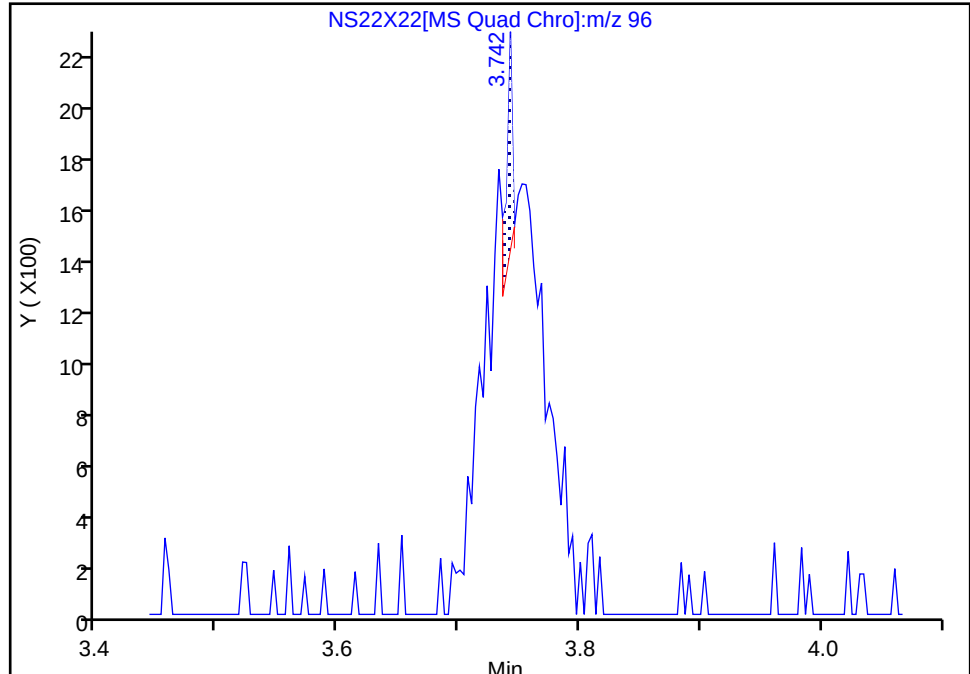
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Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

17 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

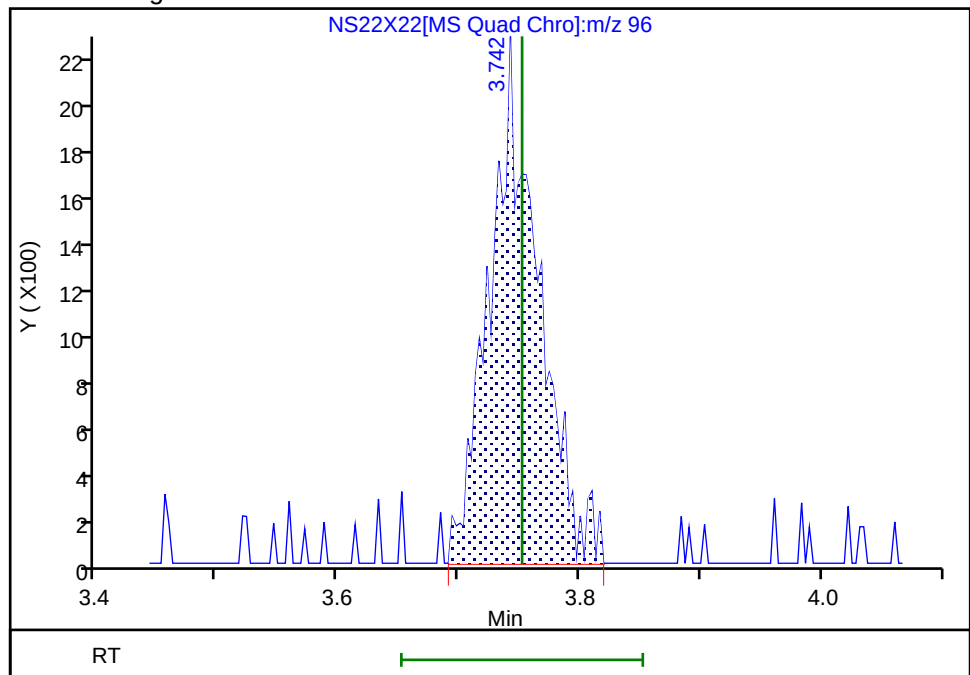
RT: 3.74
Area: 277
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 3.74
Area: 6345
Amount: 1.073772
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:14 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

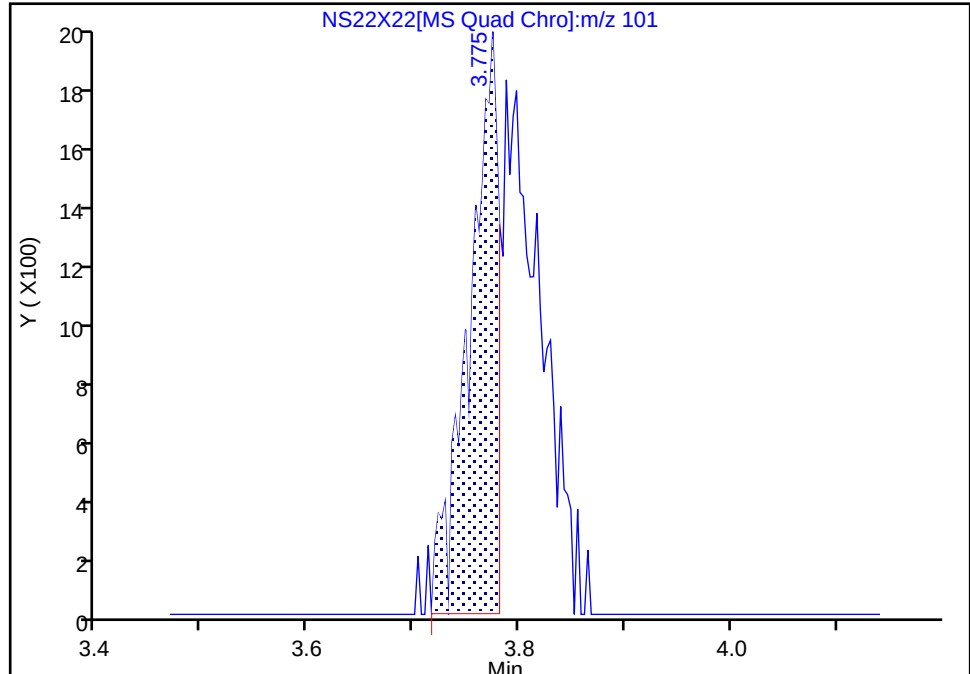
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Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

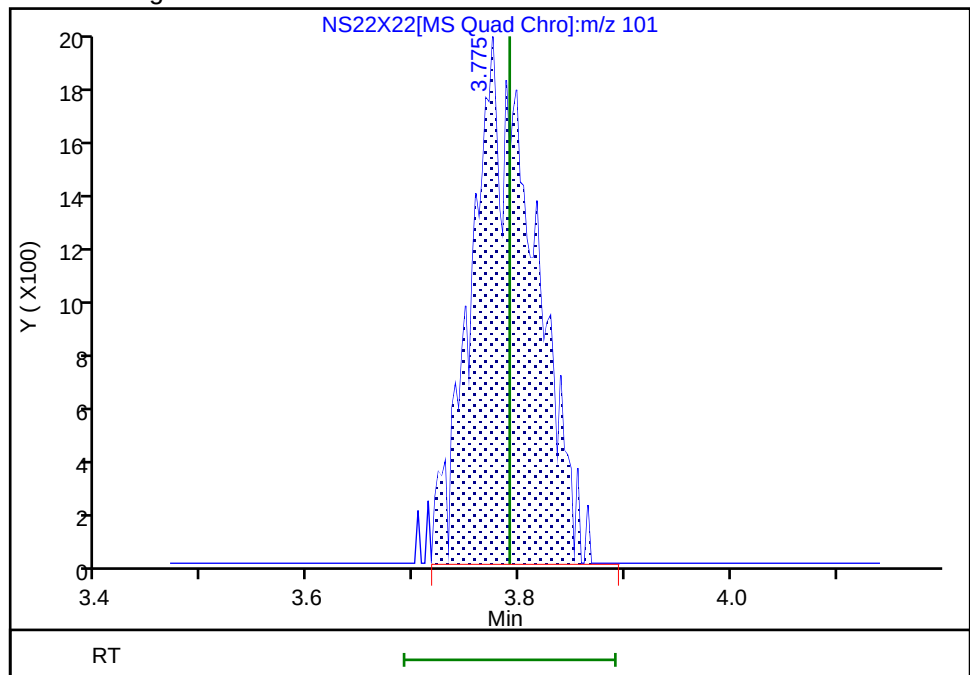
RT: 3.77
Area: 3658
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 3.77
Area: 8016
Amount: 0.937706
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:19 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

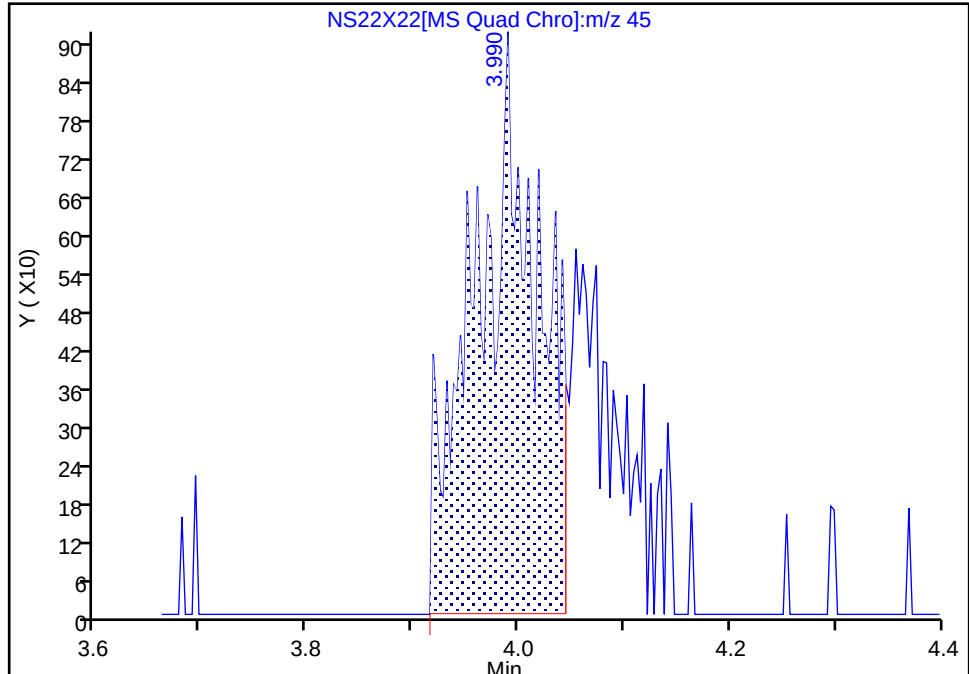
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Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

21 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

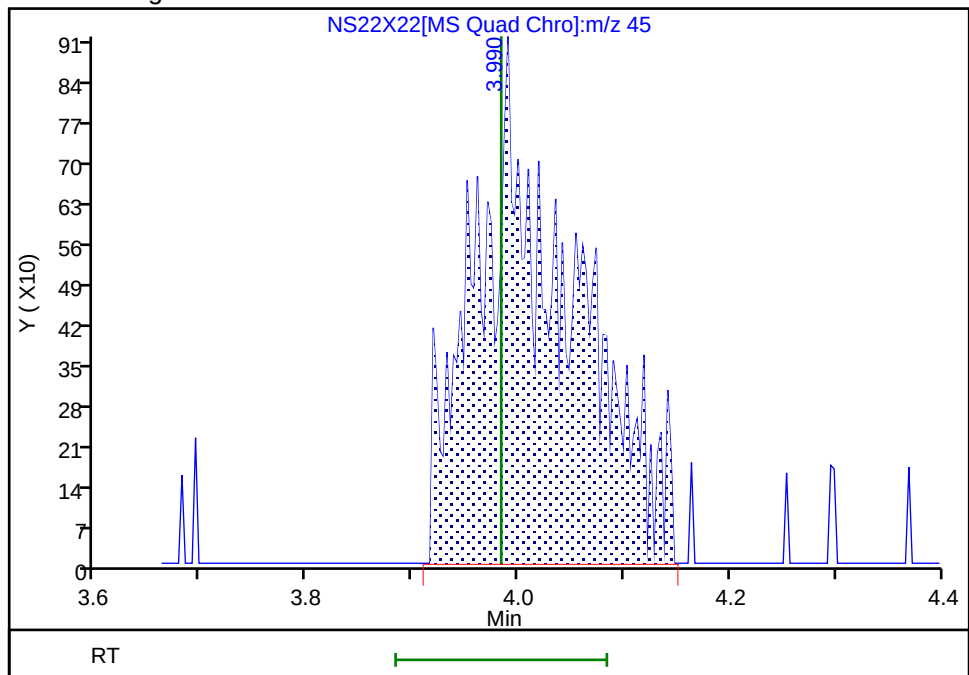
RT: 3.99
Area: 3704
Amount: 4.628023
Amount Units: ug/l

Processing Integration Results



RT: 3.99
Area: 5472
Amount: 6.195694
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:15:13 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

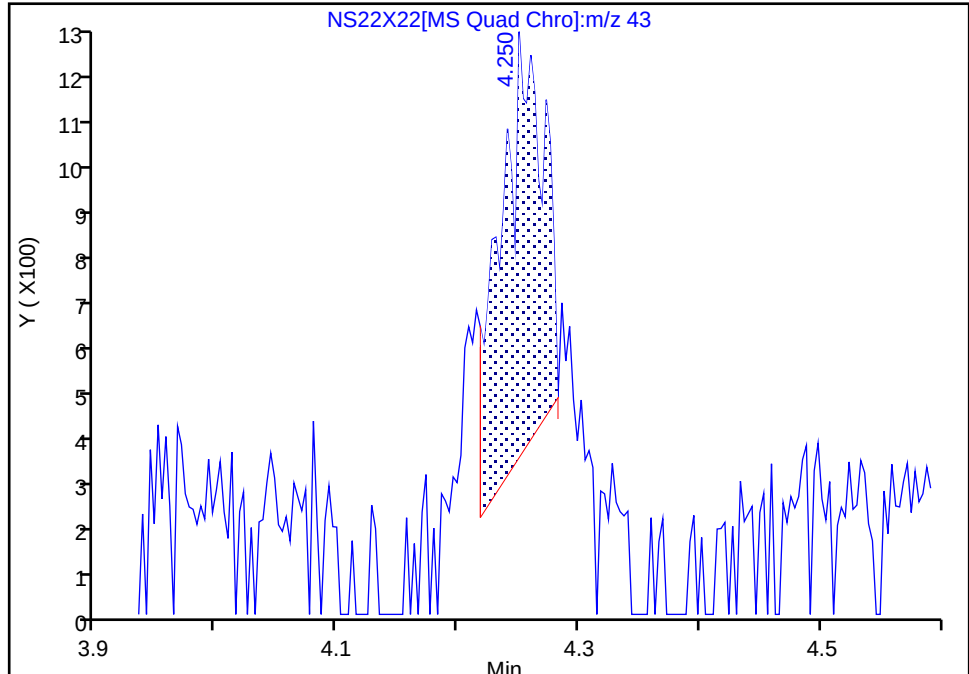
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Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

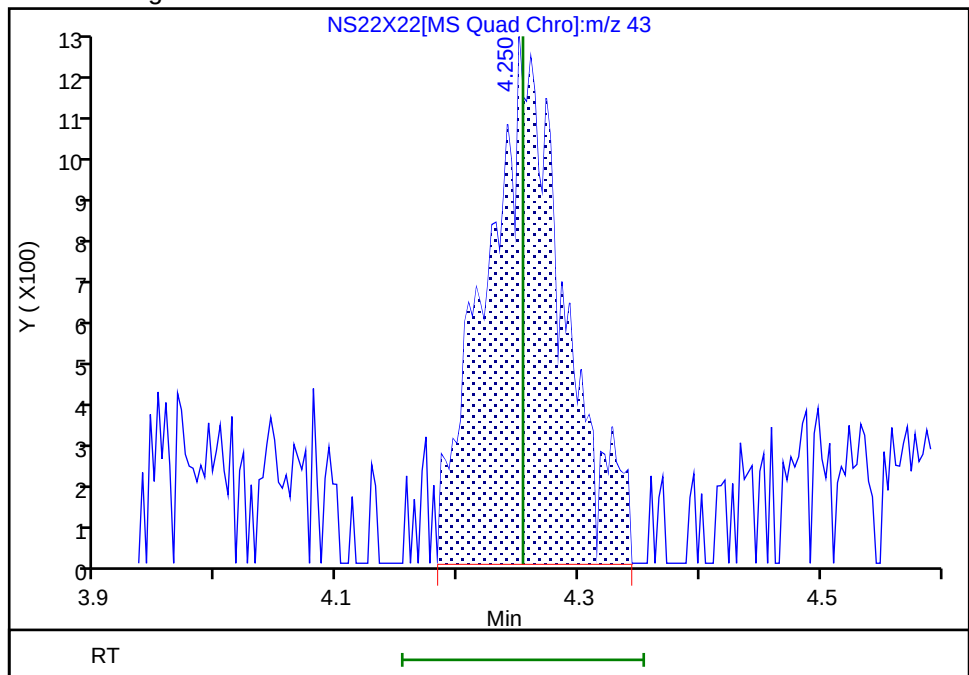
RT: 4.25
Area: 2244
Amount: 0.541538
Amount Units: ug/l

Processing Integration Results



RT: 4.25
Area: 5543
Amount: 1.244370
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:15:18 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

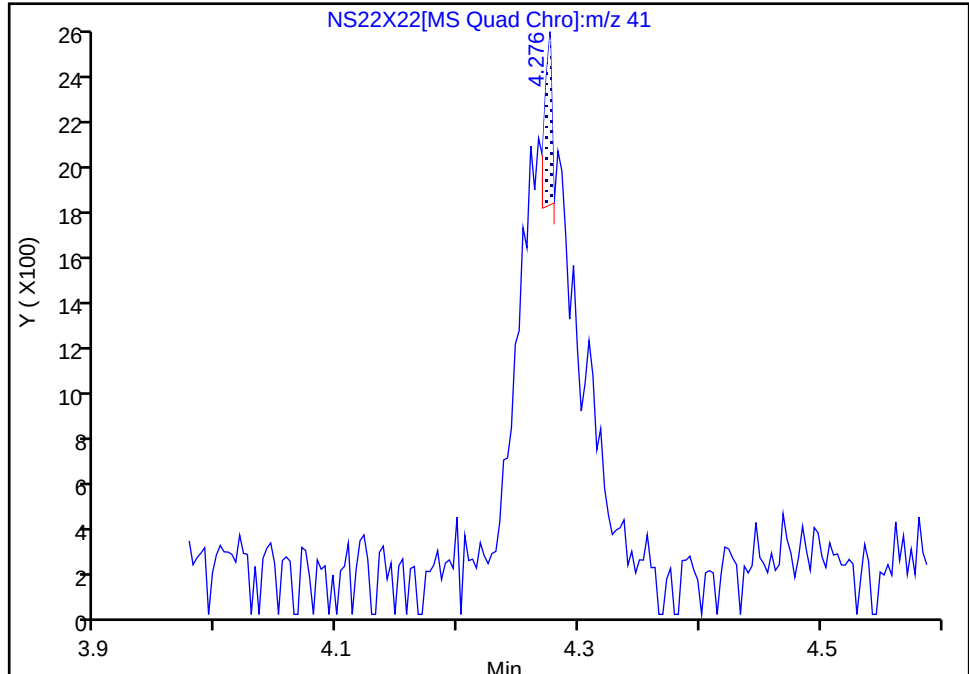
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Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

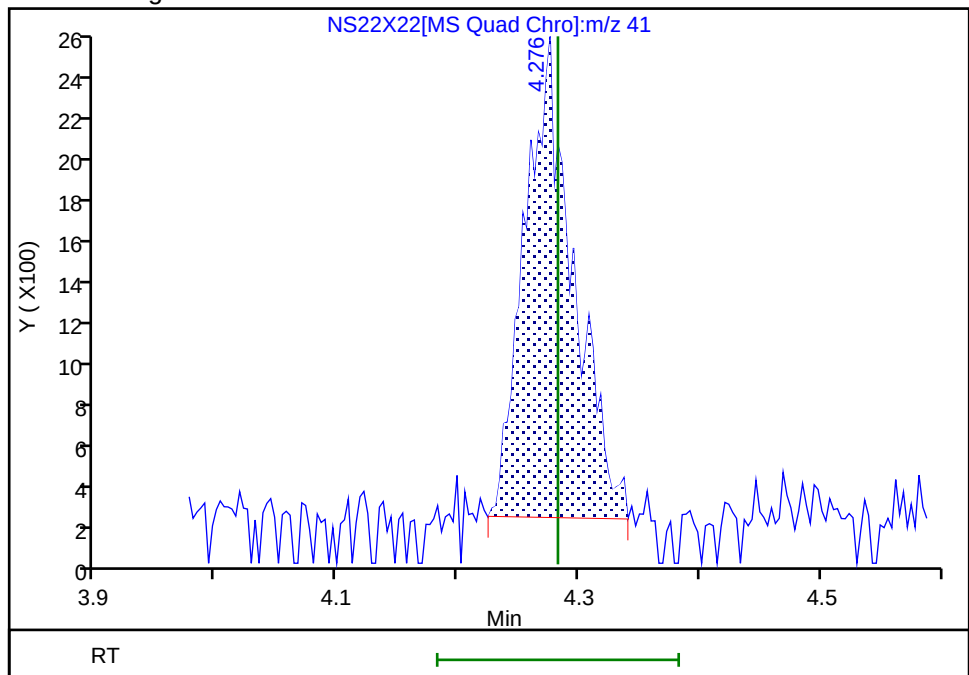
RT: 4.28
Area: 298
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 4.28
Area: 6480
Amount: 0.939677
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:27 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

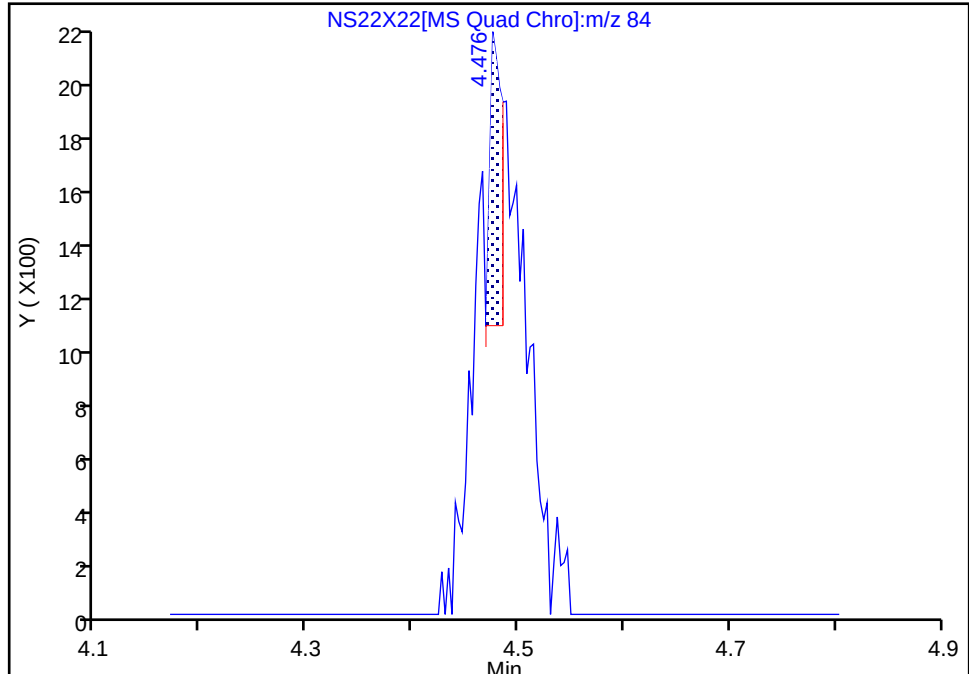
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Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

26 Methylene Chloride, CAS: 75-09-2

Signal: 1

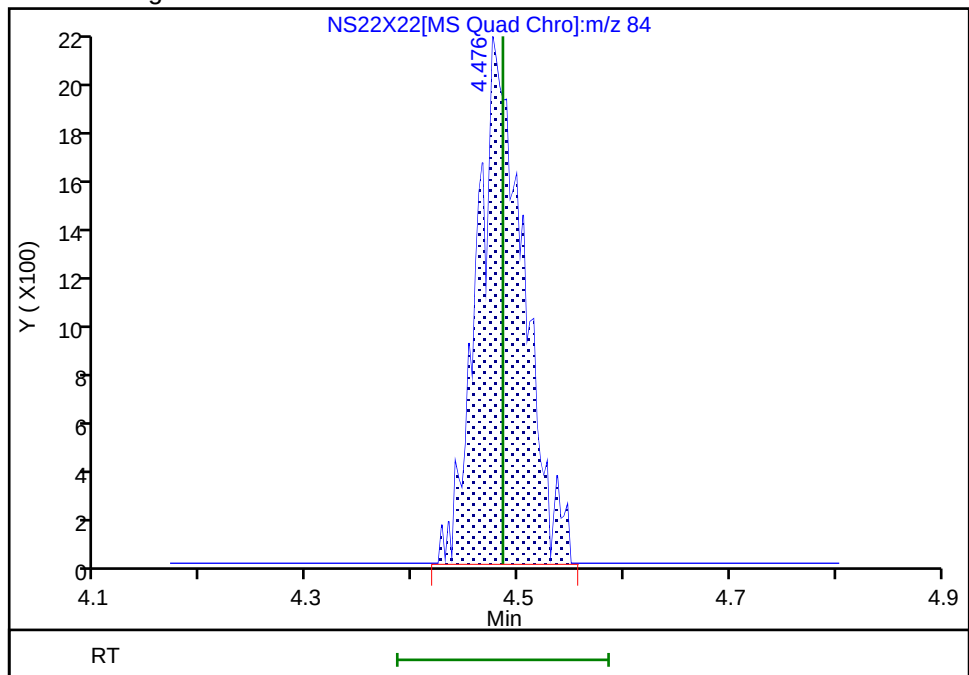
RT: 4.48
Area: 835
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 4.48
Area: 6449
Amount: 0.998386
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:31 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

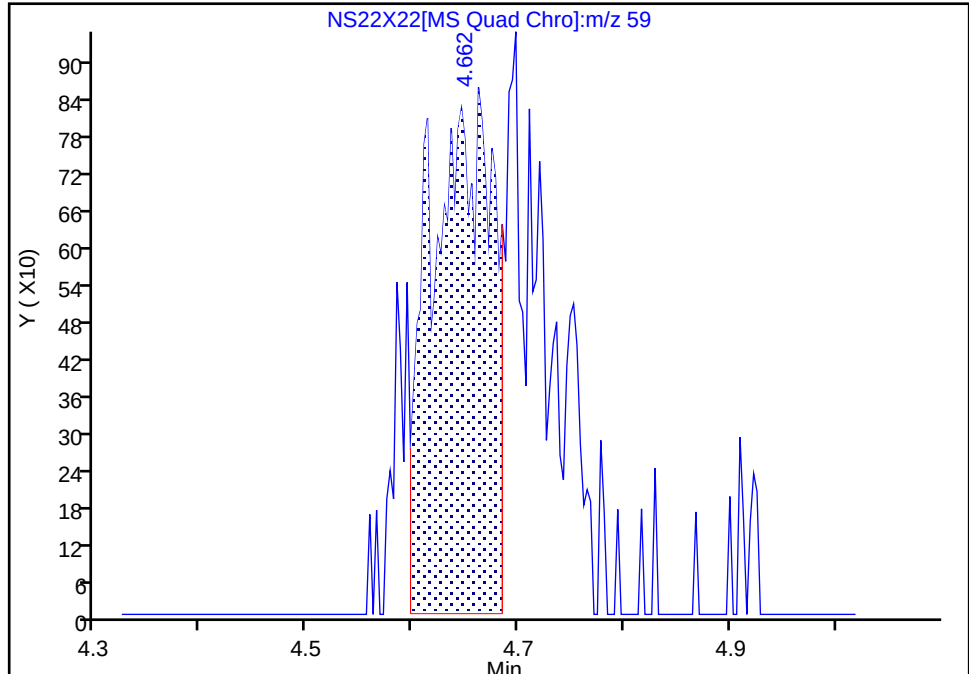
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

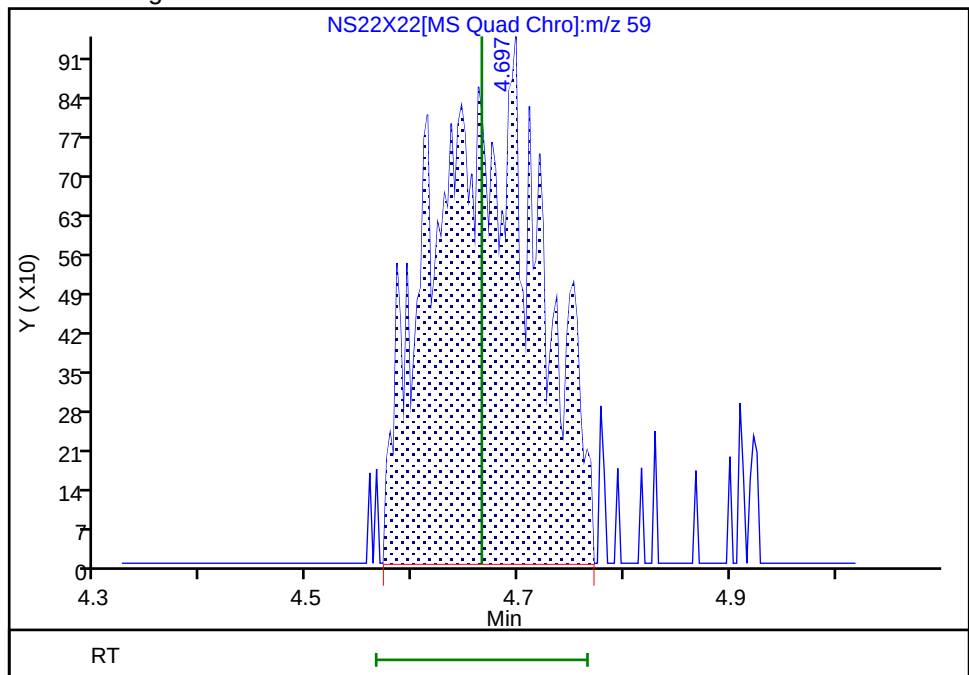
RT: 4.66
Area: 3459
Amount: 5.000000
Amount Units: ug/l

Processing Integration Results



RT: 4.70
Area: 6331
Amount: 4.904764
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:37 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

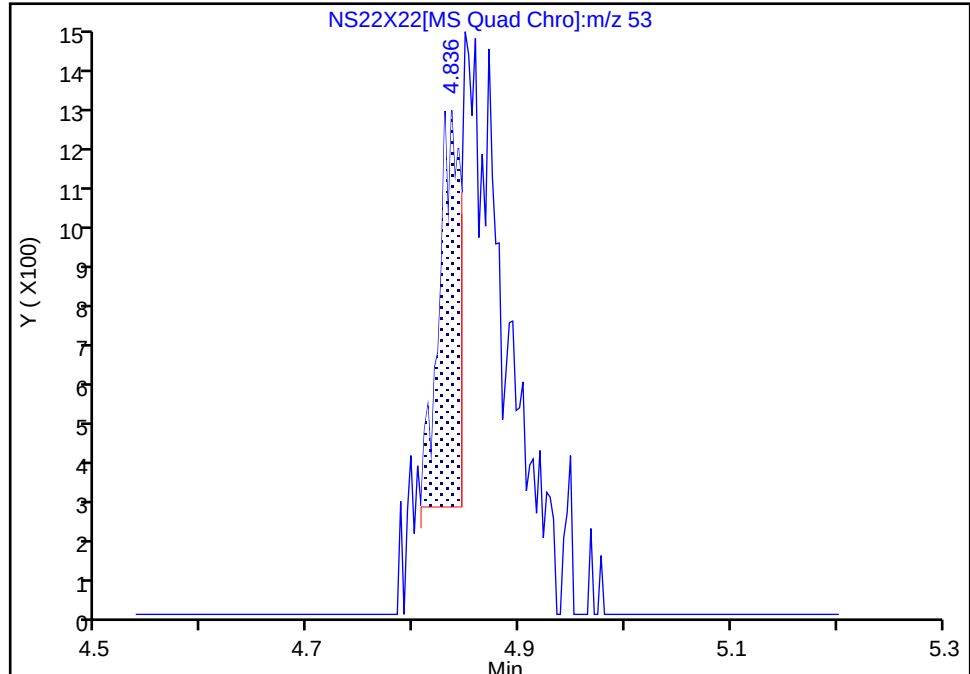
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

29 Acrylonitrile, CAS: 107-13-1

Signal: 1

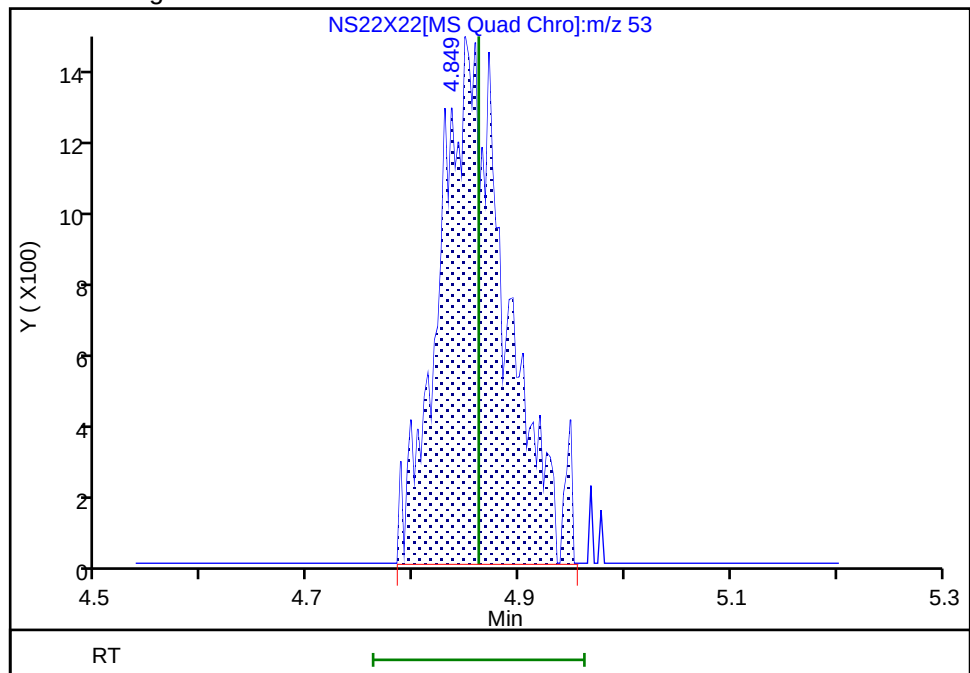
RT: 4.84
Area: 1385
Amount: 2.500000
Amount Units: ug/l

Processing Integration Results



RT: 4.85
Area: 6457
Amount: 2.592786
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:43 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

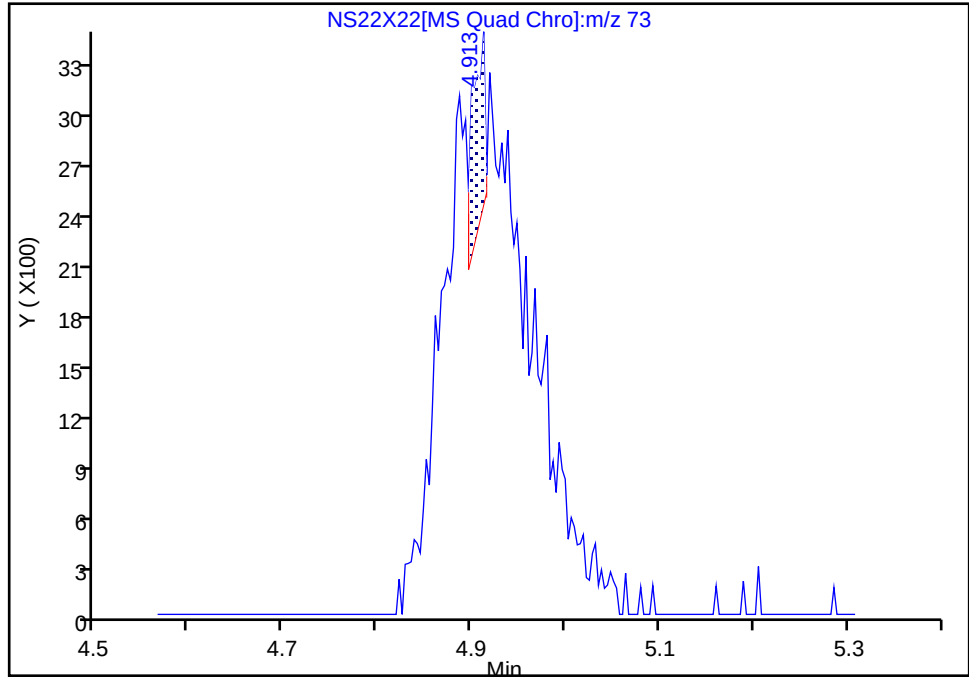
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

32 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

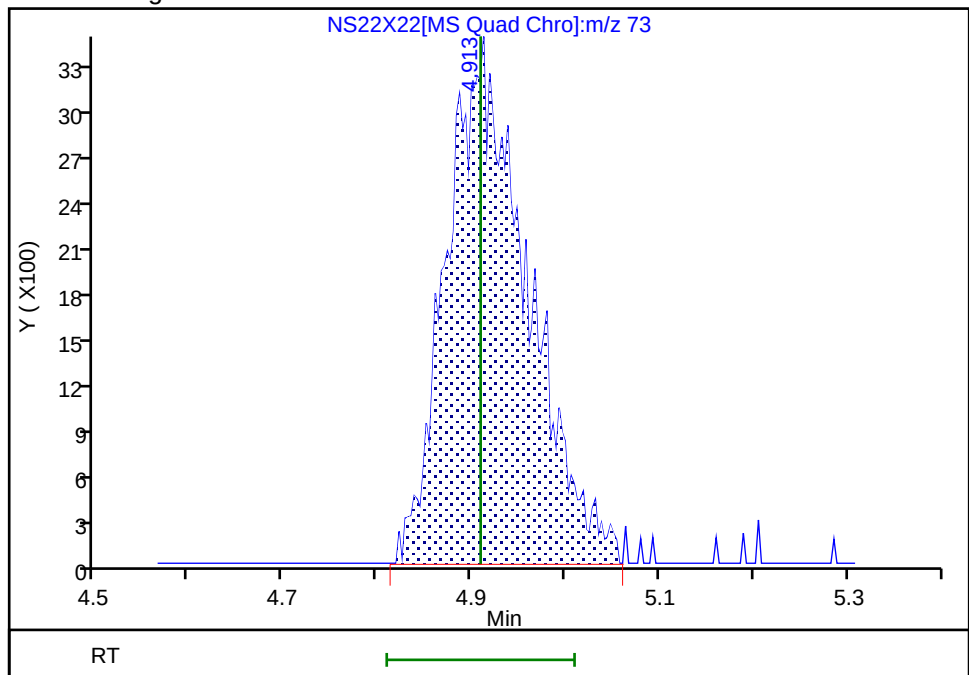
RT: 4.91
Area: 1018
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 4.91
Area: 20566
Amount: 1.018326
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:53 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

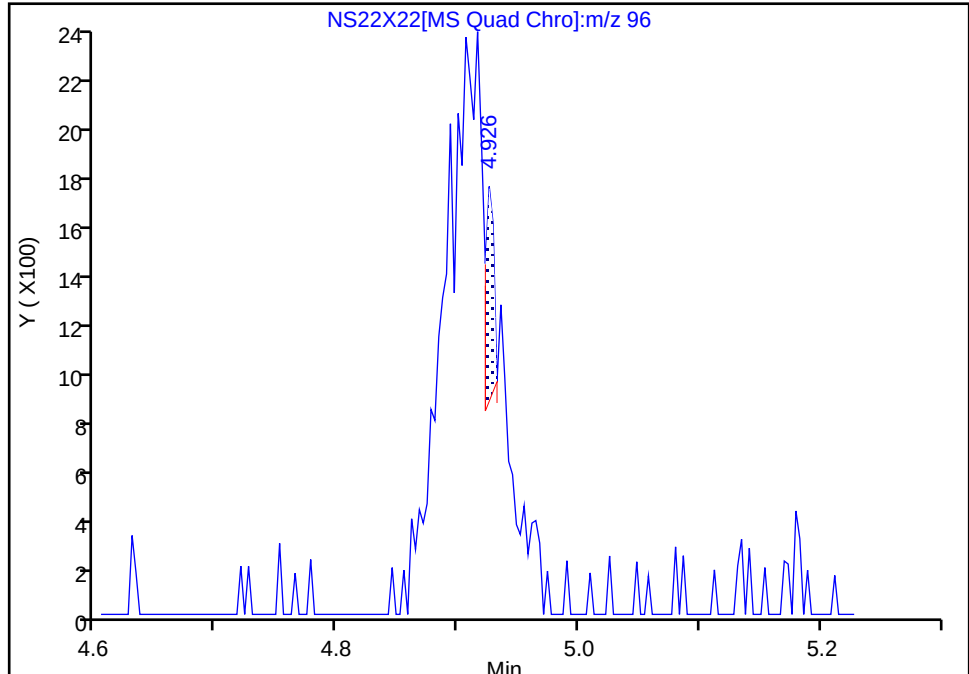
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

31 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

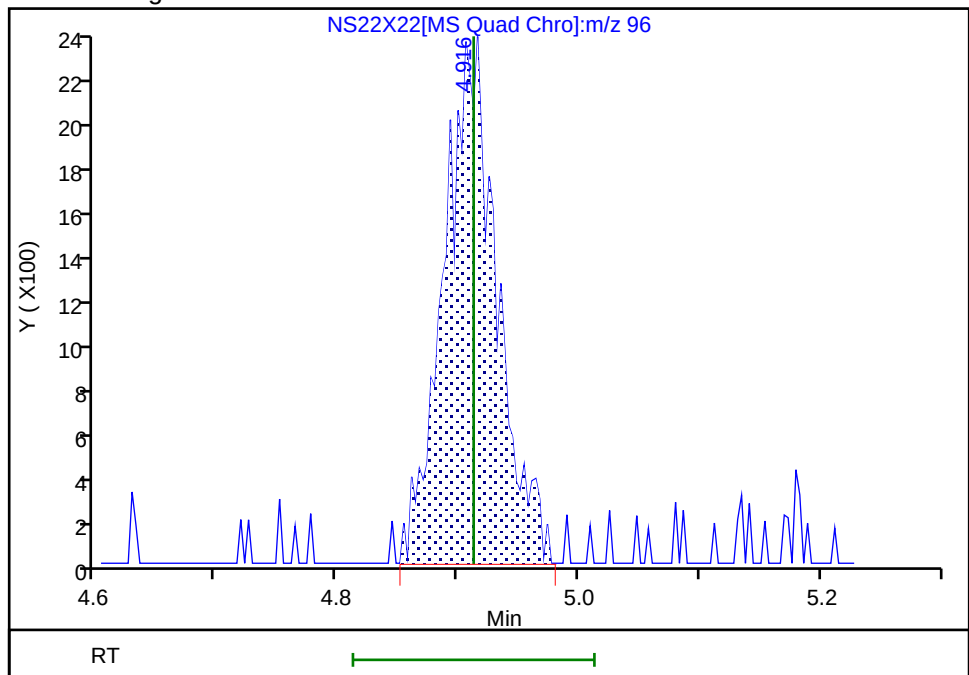
RT: 4.93
Area: 404
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 4.92
Area: 6980
Amount: 1.058953
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:48 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

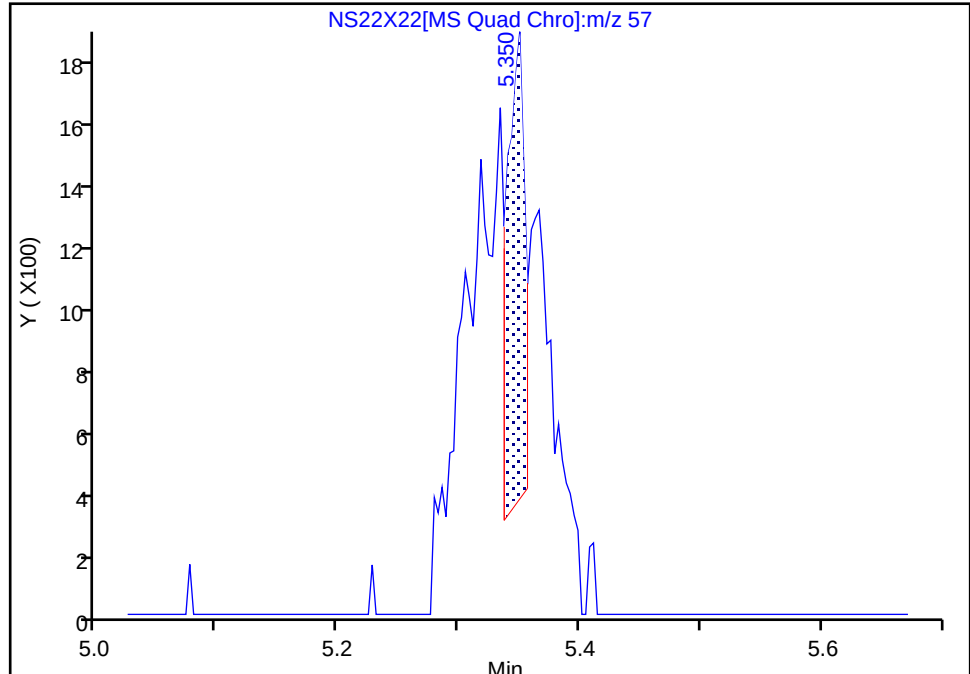
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

33 Hexane, CAS: 110-54-3

Signal: 1

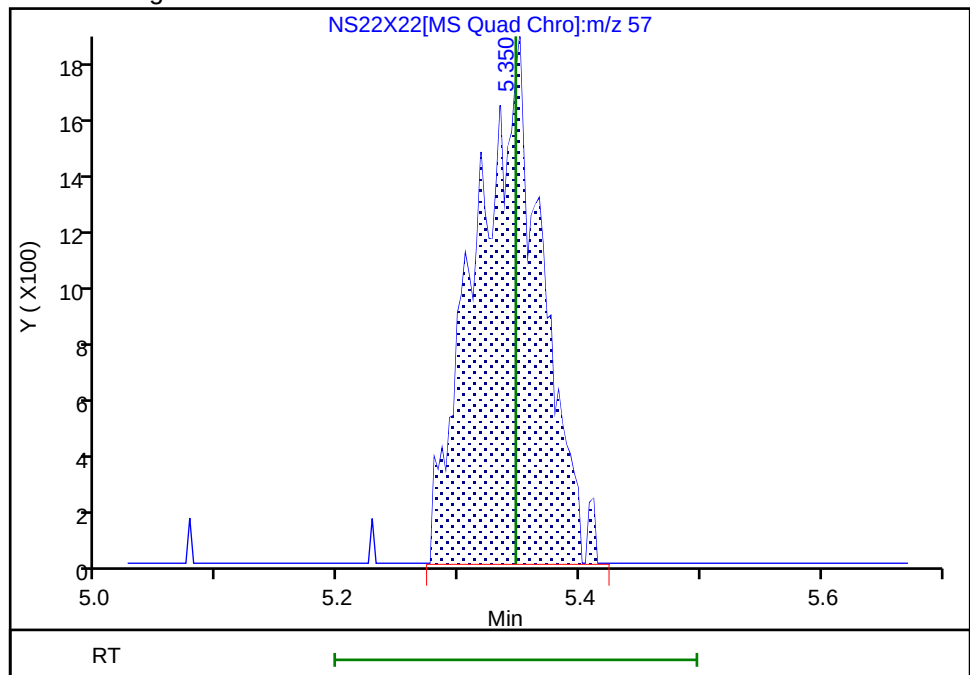
RT: 5.35
Area: 1536
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 5.35
Area: 7196
Amount: 0.967193
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:58 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

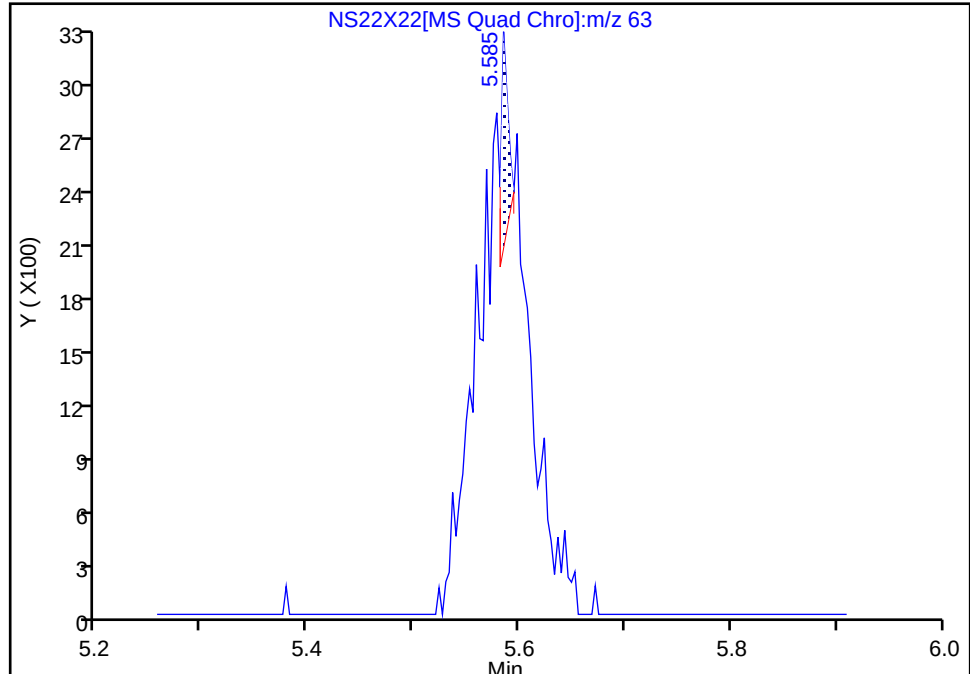
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

35 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

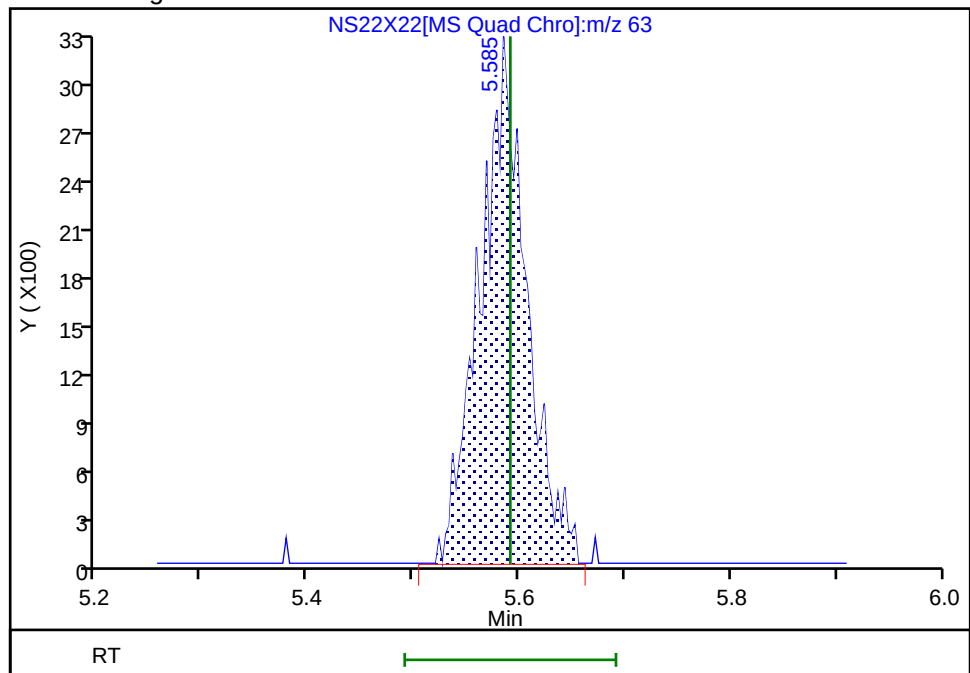
RT: 5.58
Area: 532
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 5.58
Area: 9873
Amount: 0.991479
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:16:03 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

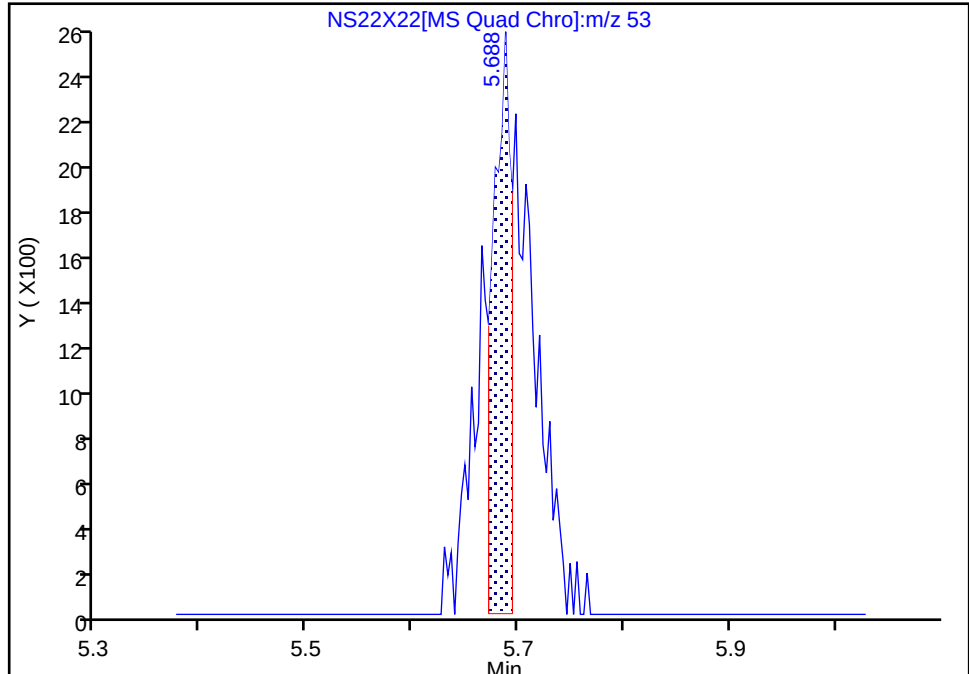
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

37 2-Chloro-1,3-butadiene, CAS: 126-99-8

Signal: 1

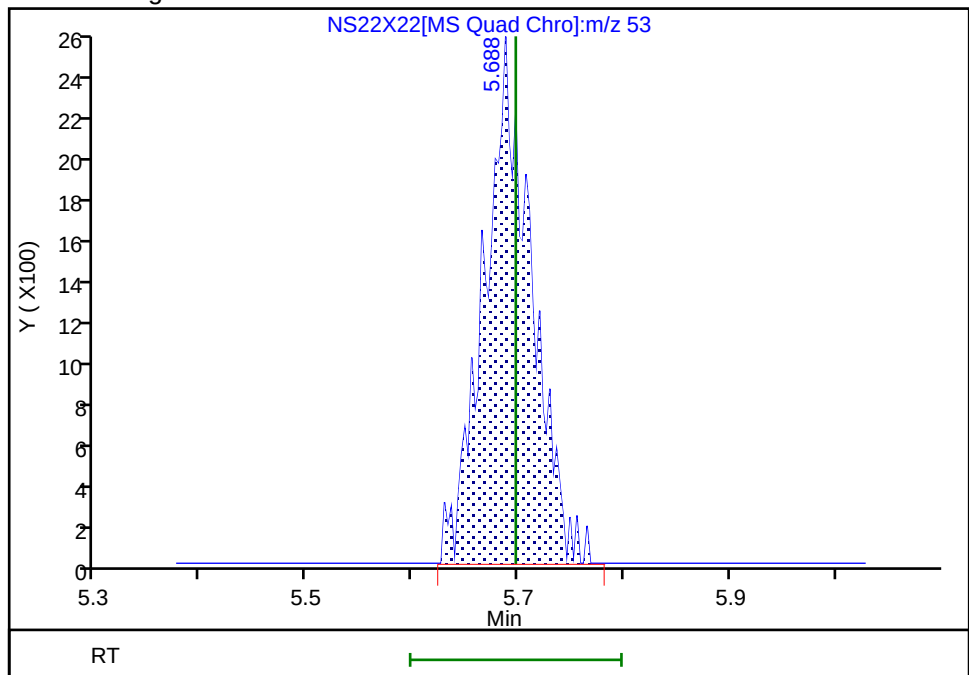
RT: 5.69
Area: 2959
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 5.69
Area: 7804
Amount: 0.936319
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:16:08 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

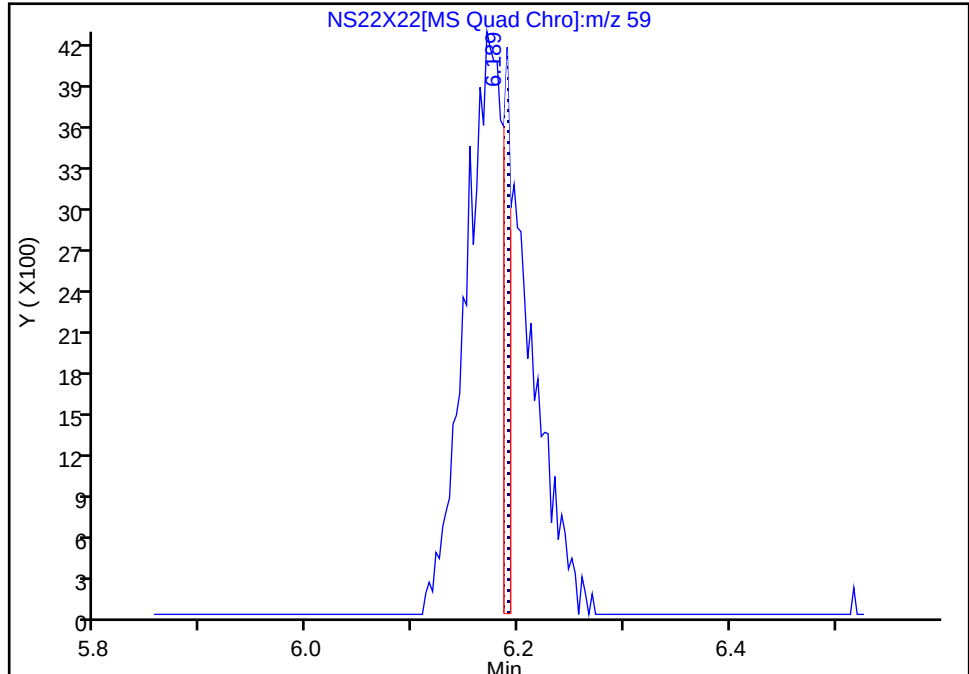
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

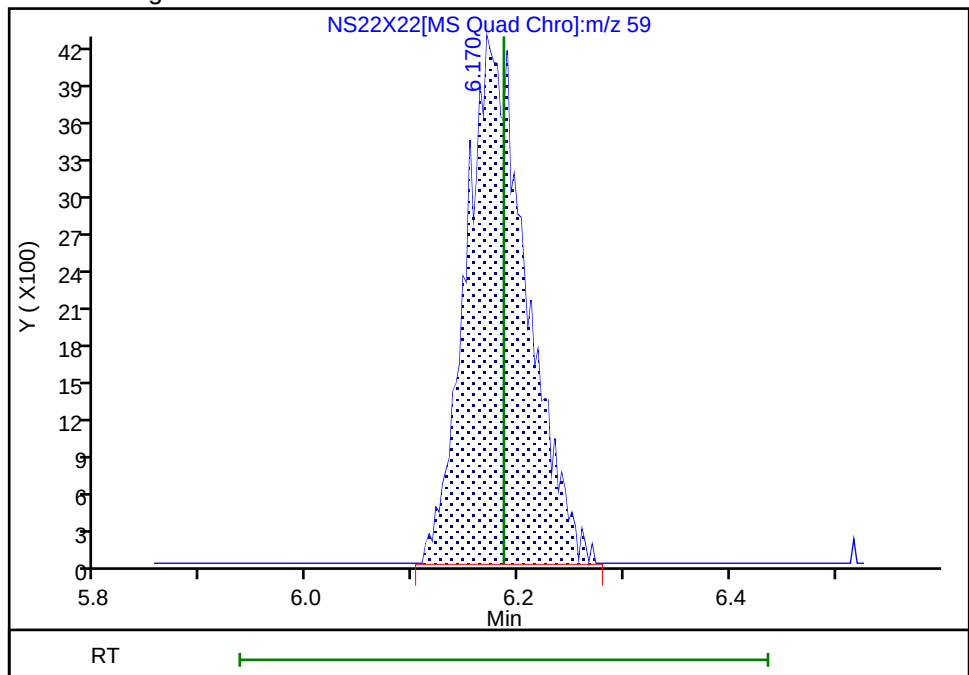
RT: 6.19
Area: 2062
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 6.17
Area: 16924
Amount: 0.946169
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:16:14 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

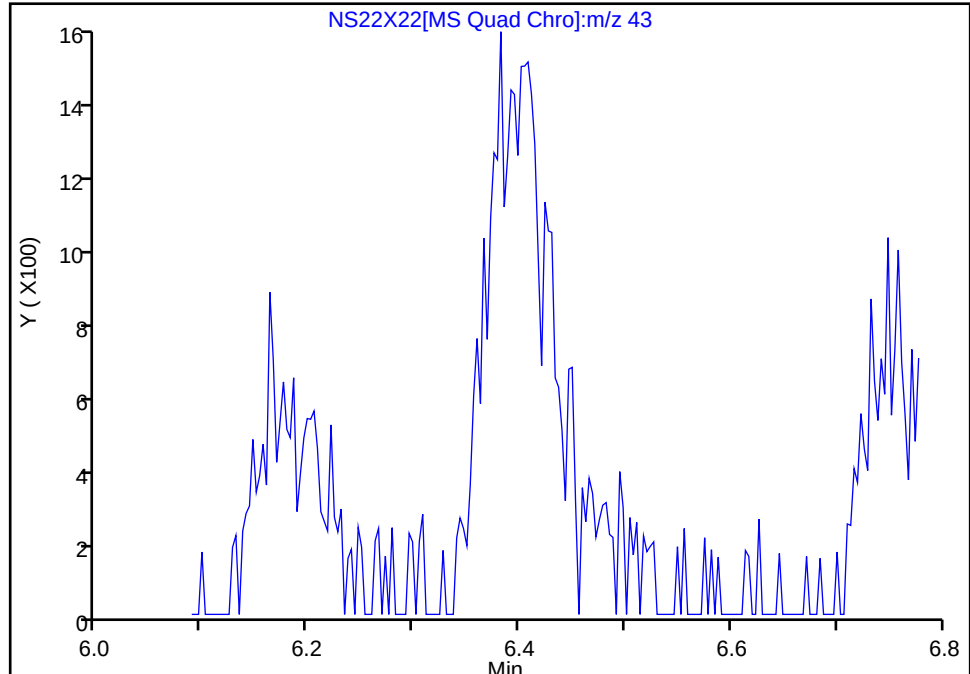
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

40 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

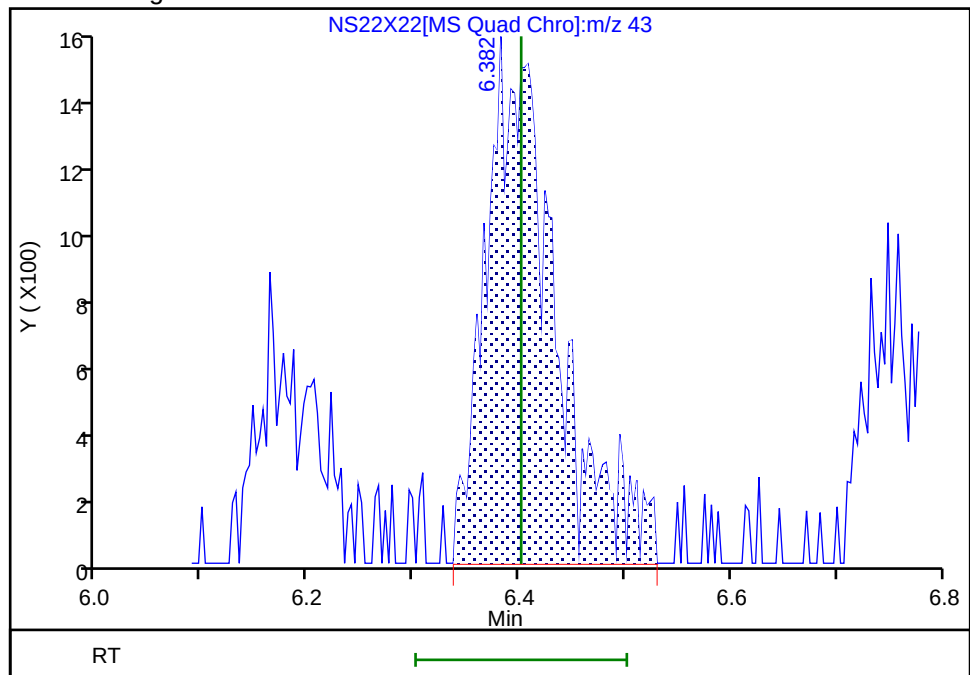
Not Detected
Expected RT: 6.40

Processing Integration Results



Manual Integration Results

RT: 6.38
Area: 7058
Amount: 2.209161
Amount Units: ug/l



Reviewer: JS6E, 23-Sep-2025 04:15:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

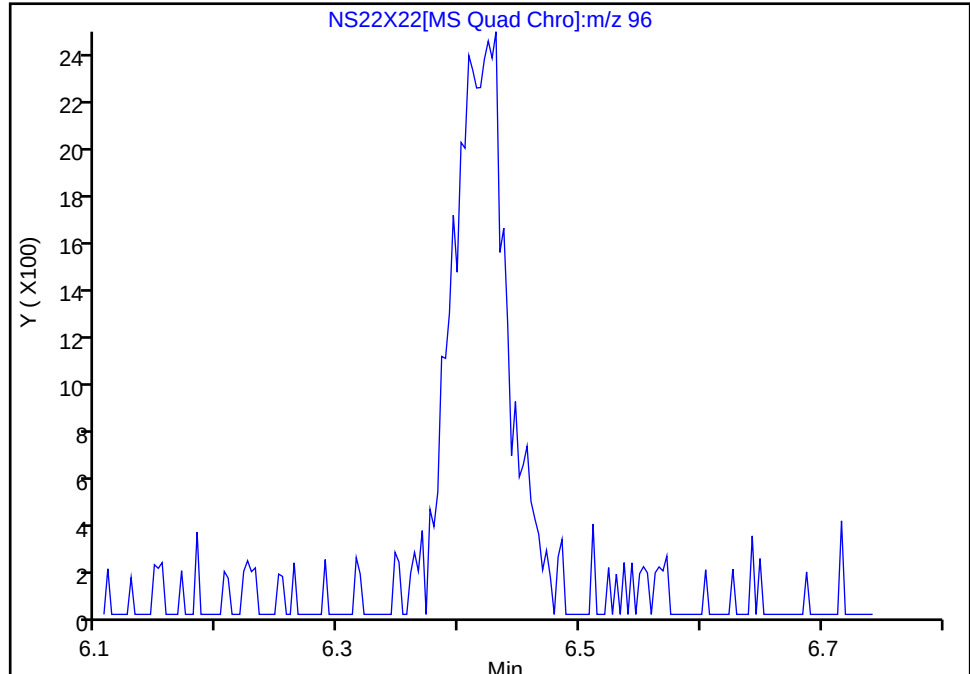
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

41 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

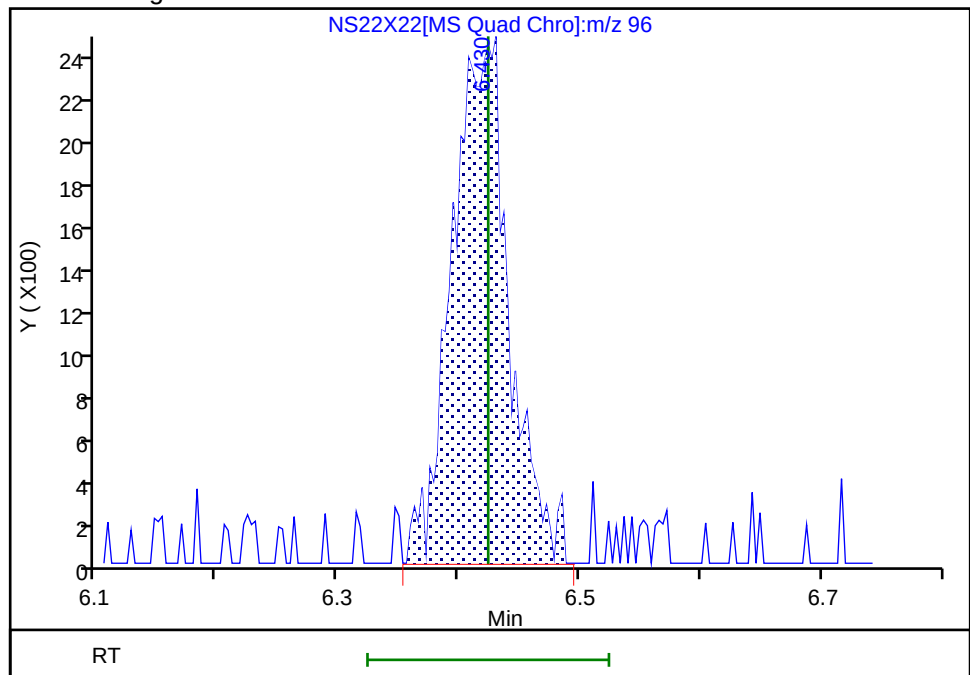
Not Detected
Expected RT: 6.42

Processing Integration Results



Manual Integration Results

RT: 6.43
Area: 8002
Amount: 1.057554
Amount Units: ug/l



Reviewer: JS6E, 23-Sep-2025 04:15:33 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

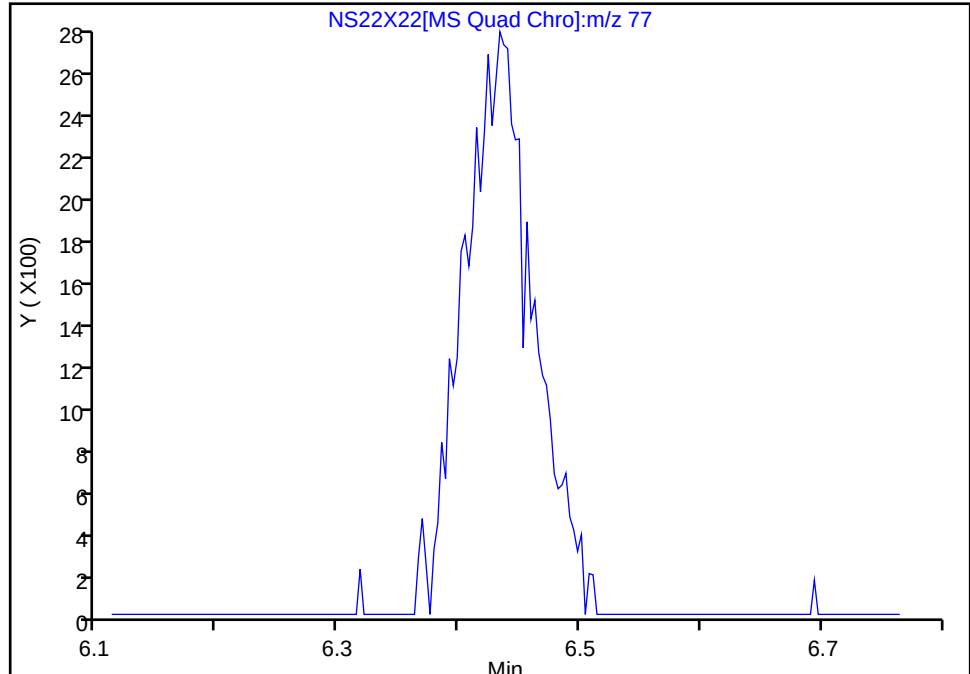
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

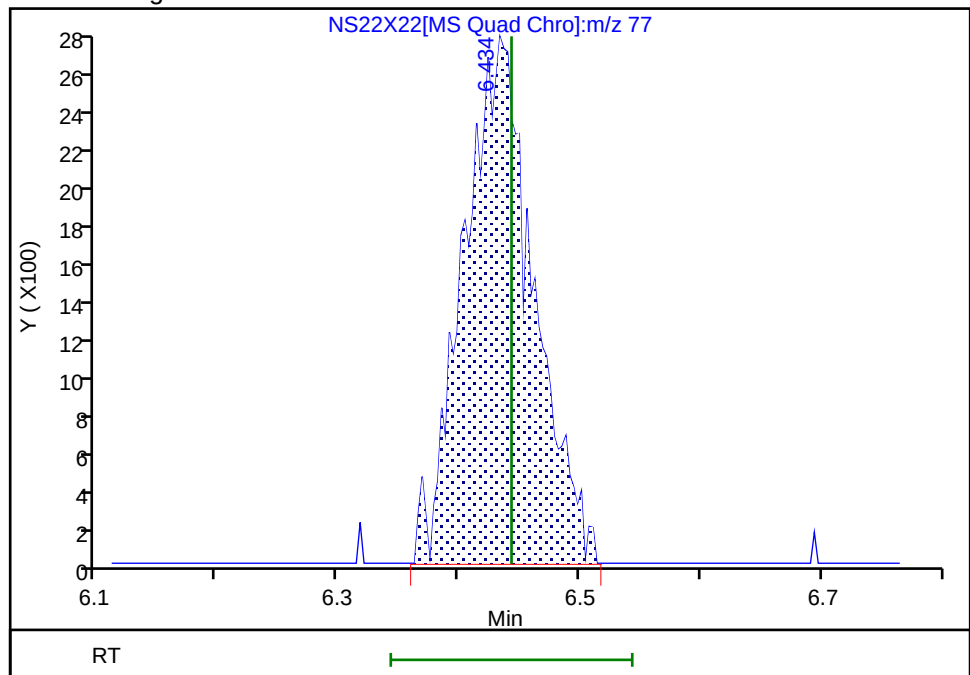
Signal: 1

Not Detected
Expected RT: 6.44

Processing Integration Results



Manual Integration Results



RT: 6.43
Area: 11085
Amount: 0.991667
Amount Units: ug/l

Reviewer: JS6E, 23-Sep-2025 04:15:37 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

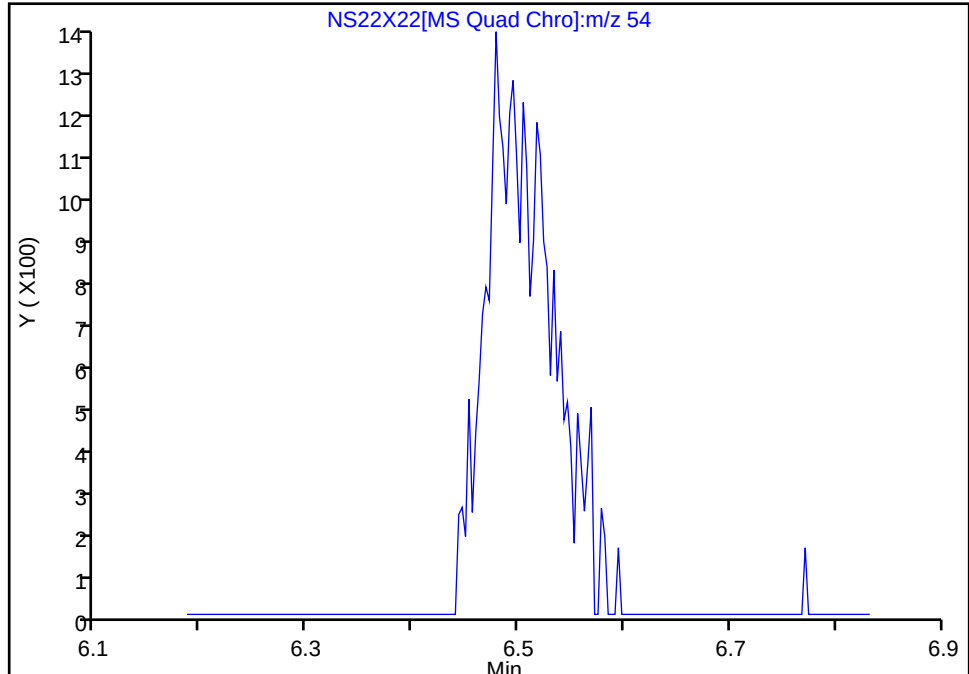
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

44 Propionitrile, CAS: 107-12-0

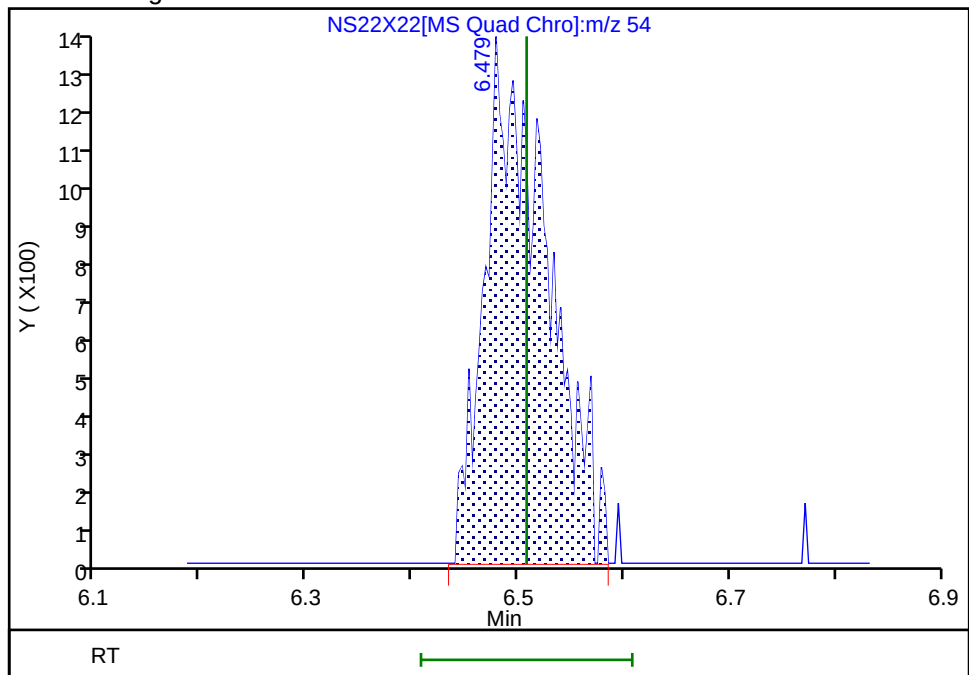
Signal: 1

Not Detected
Expected RT: 6.51

Processing Integration Results



Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:15:41 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

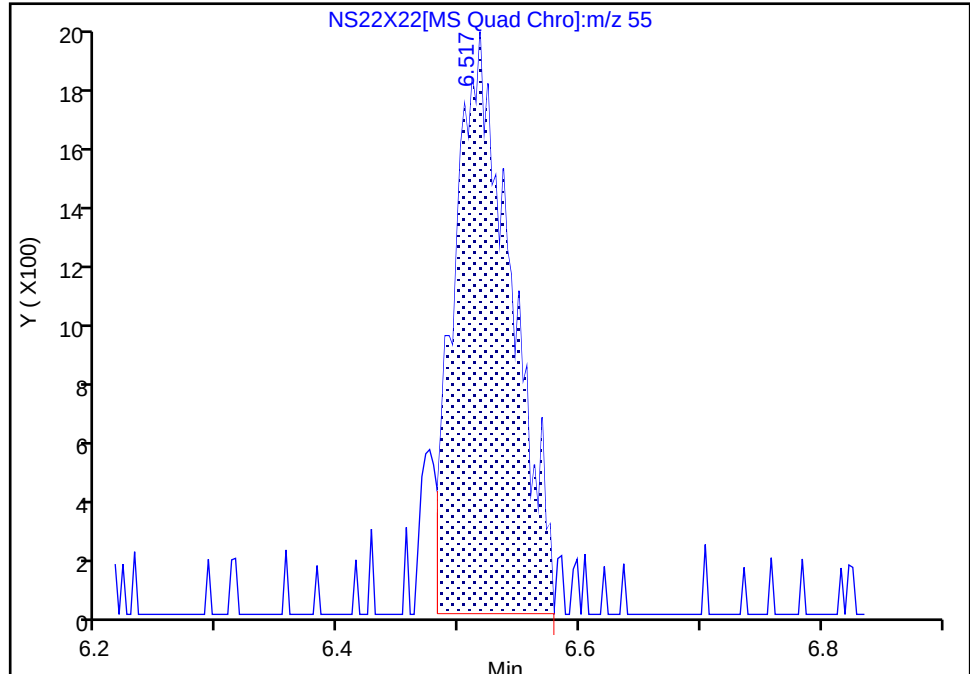
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

45 Methyl acrylate, CAS: 96-33-3

Signal: 1

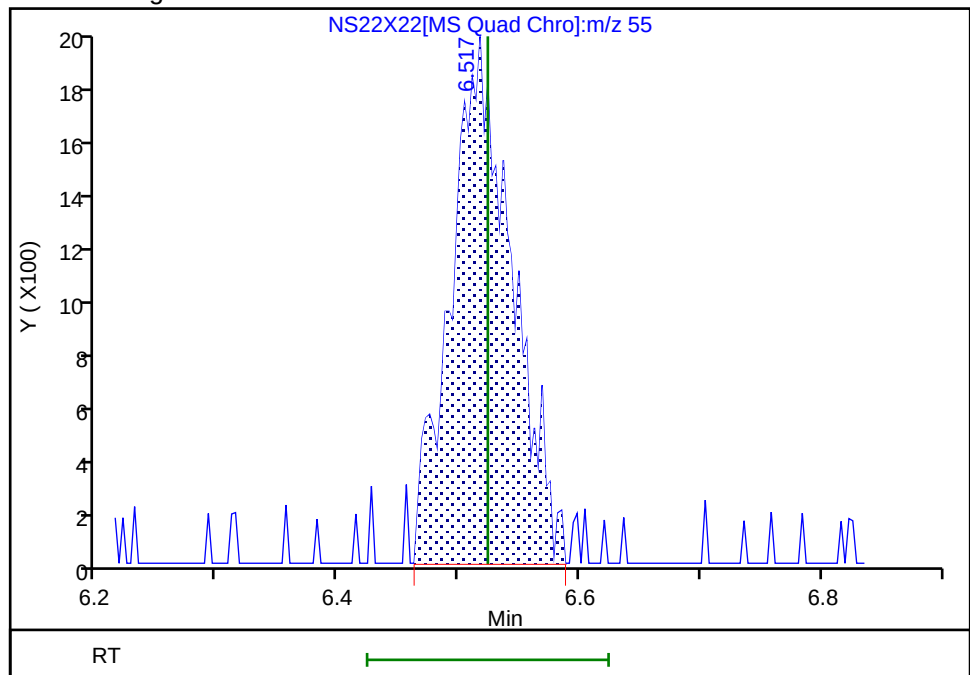
RT: 6.52
Area: 6245
Amount: 0.950752
Amount Units: ug/l

Processing Integration Results



RT: 6.52
Area: 6752
Amount: 1.016730
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:17:17 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

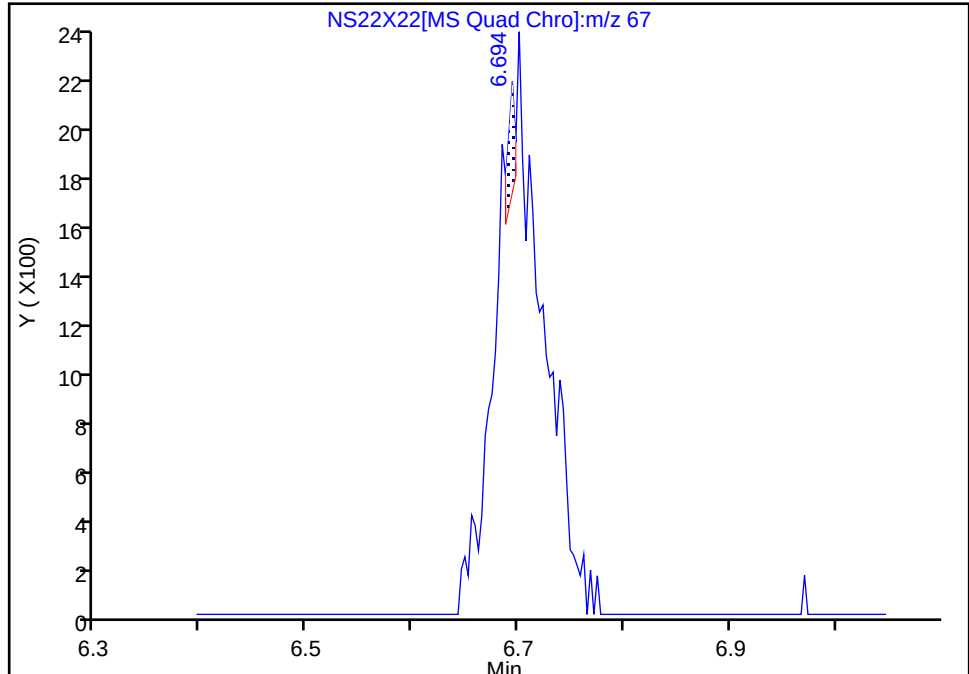
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

46 Methacrylonitrile, CAS: 126-98-7

Signal: 1

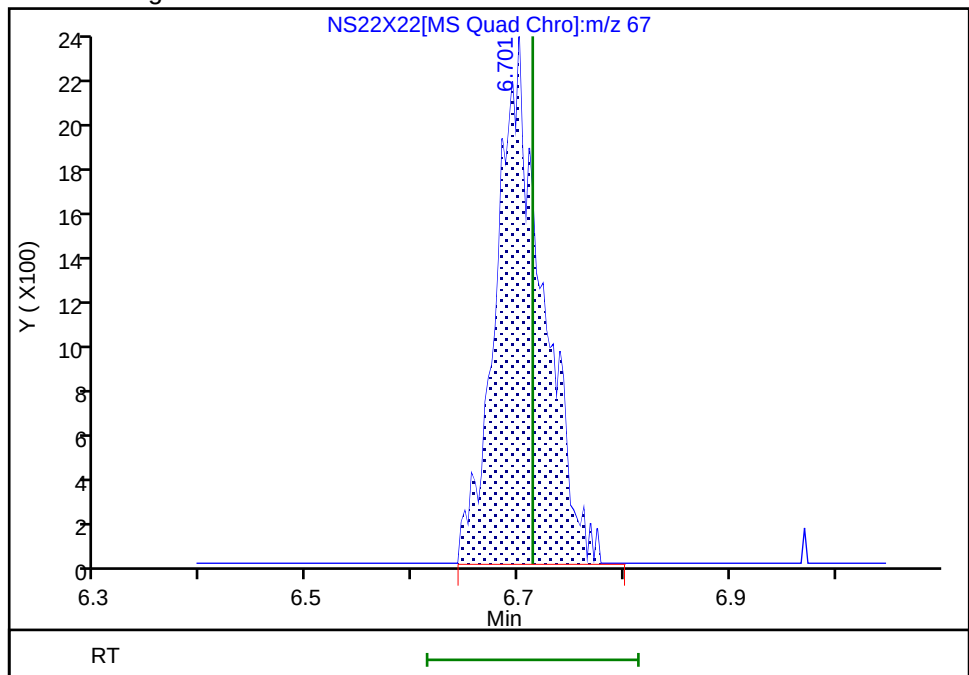
RT: 6.69
Area: 211
Amount: 2.500000
Amount Units: ug/l

Processing Integration Results



RT: 6.70
Area: 7087
Amount: 2.610926
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:16:21 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

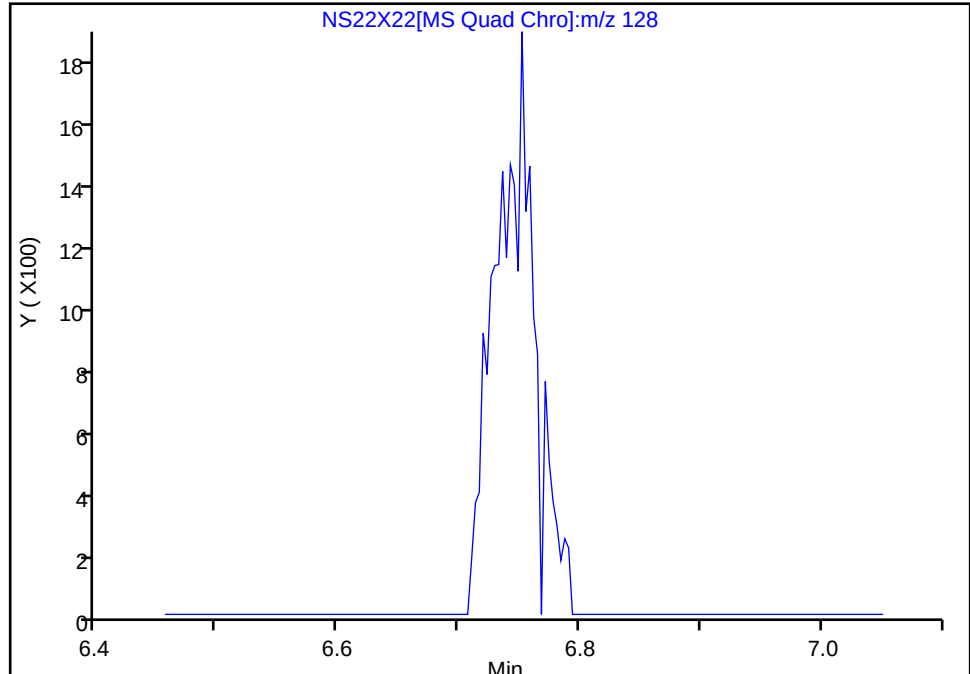
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

47 Chlorobromomethane, CAS: 74-97-5

Signal: 1

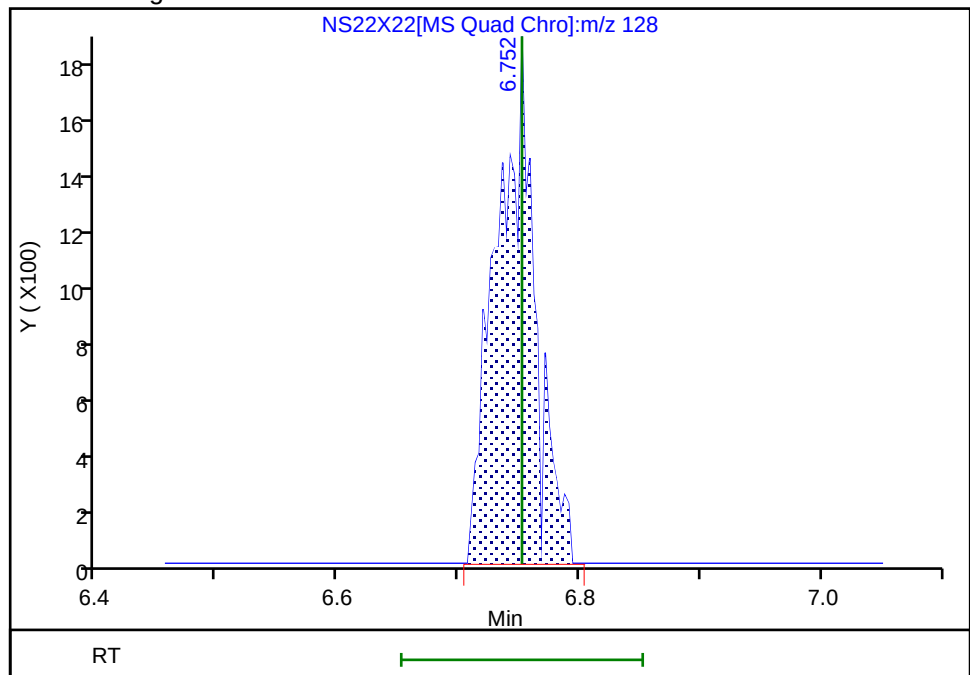
Not Detected
Expected RT: 6.75

Processing Integration Results



RT: 6.75
Area: 4033
Amount: 0.977367
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:15:45 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

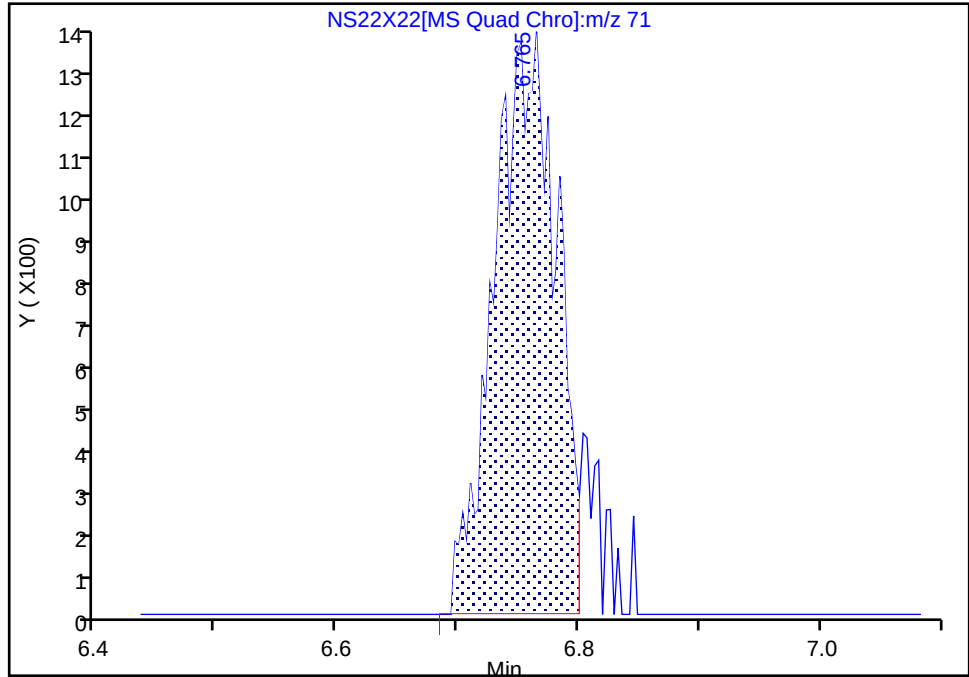
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

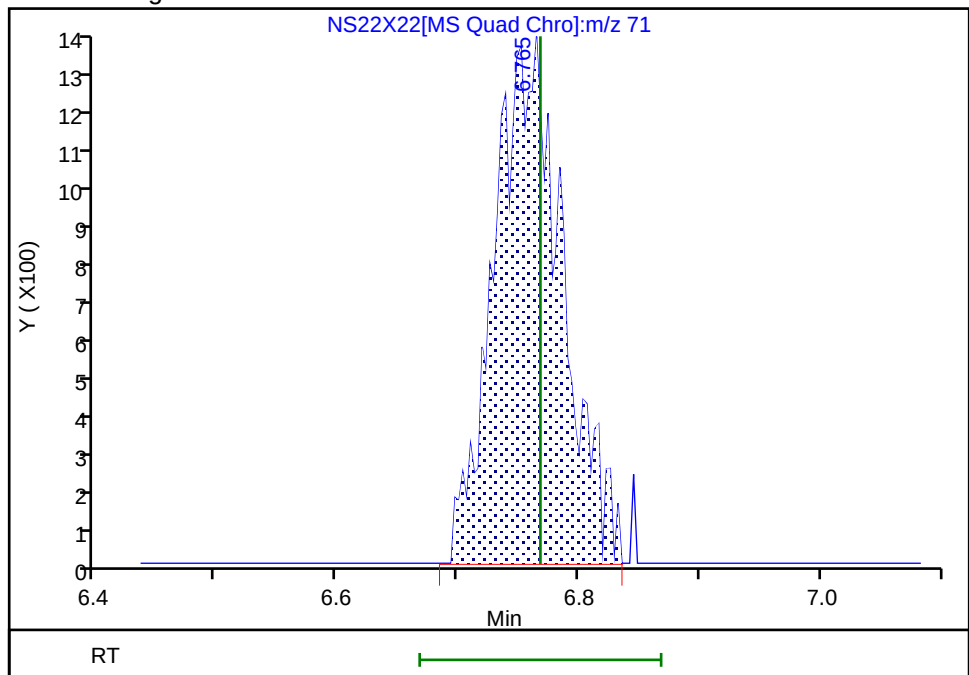
RT: 6.76
Area: 4869
Amount: 4.729982
Amount Units: ug/l

Processing Integration Results



RT: 6.76
Area: 5334
Amount: 5.153963
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:15:51 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

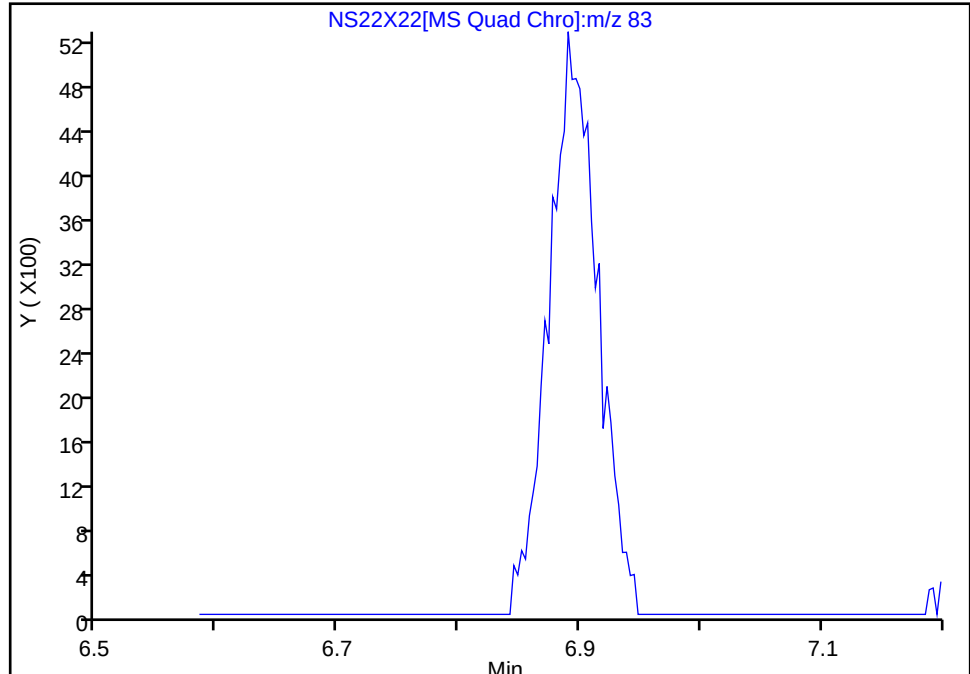
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

49 Chloroform, CAS: 67-66-3

Signal: 1

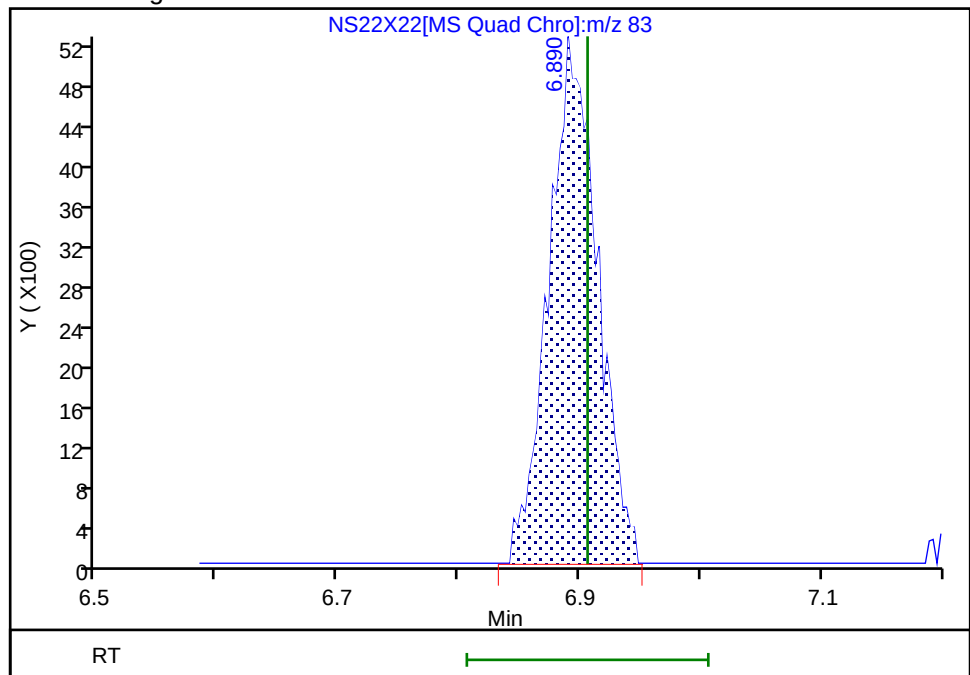
Not Detected
Expected RT: 6.91

Processing Integration Results



Manual Integration Results

RT: 6.89
Area: 14760
Amount: 1.195005
Amount Units: ug/l



Reviewer: JS6E, 23-Sep-2025 04:15:55 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

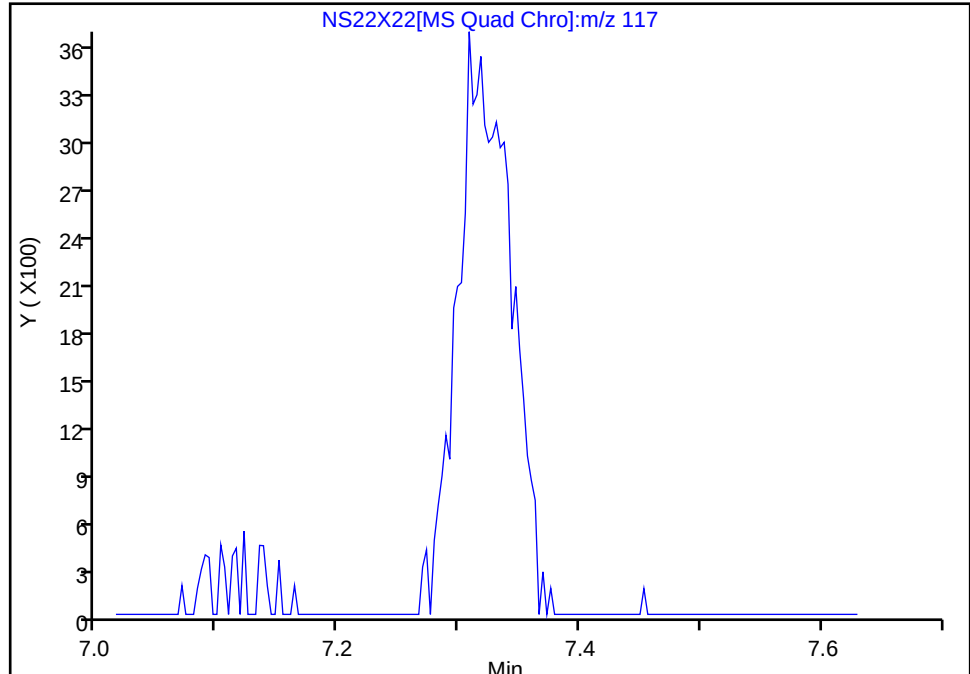
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

53 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

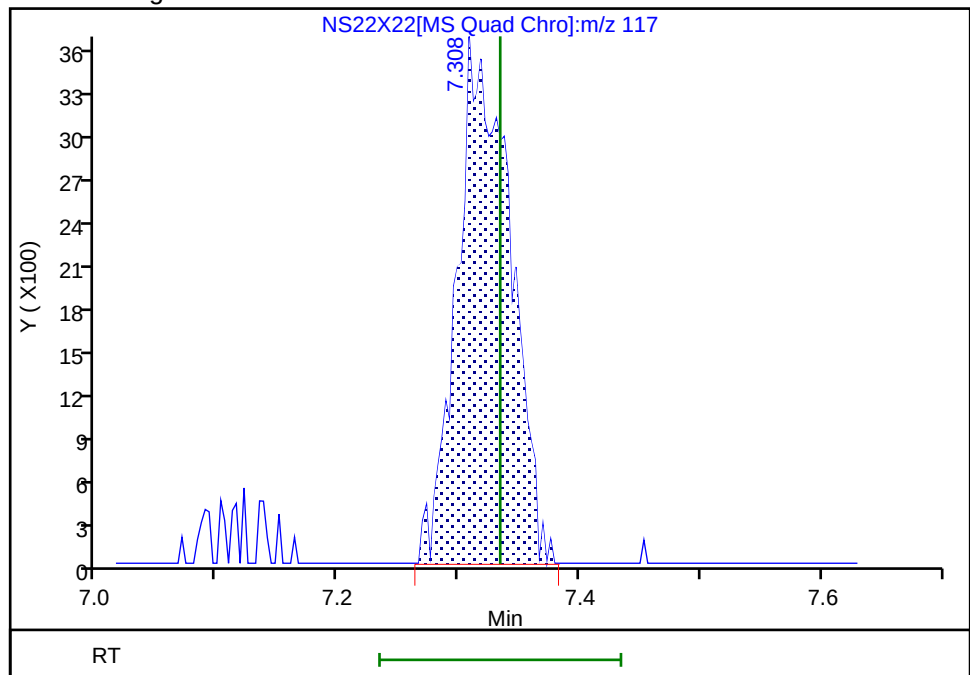
Not Detected
Expected RT: 7.33

Processing Integration Results



RT: 7.31
Area: 11236
Amount: 0.948302
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:16:00 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

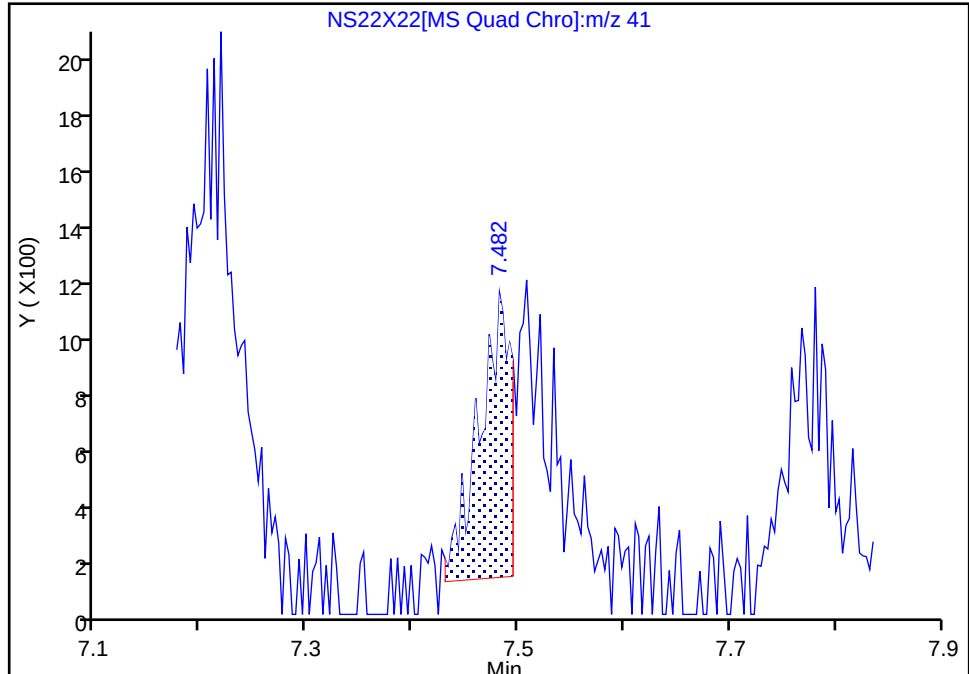
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Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

55 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

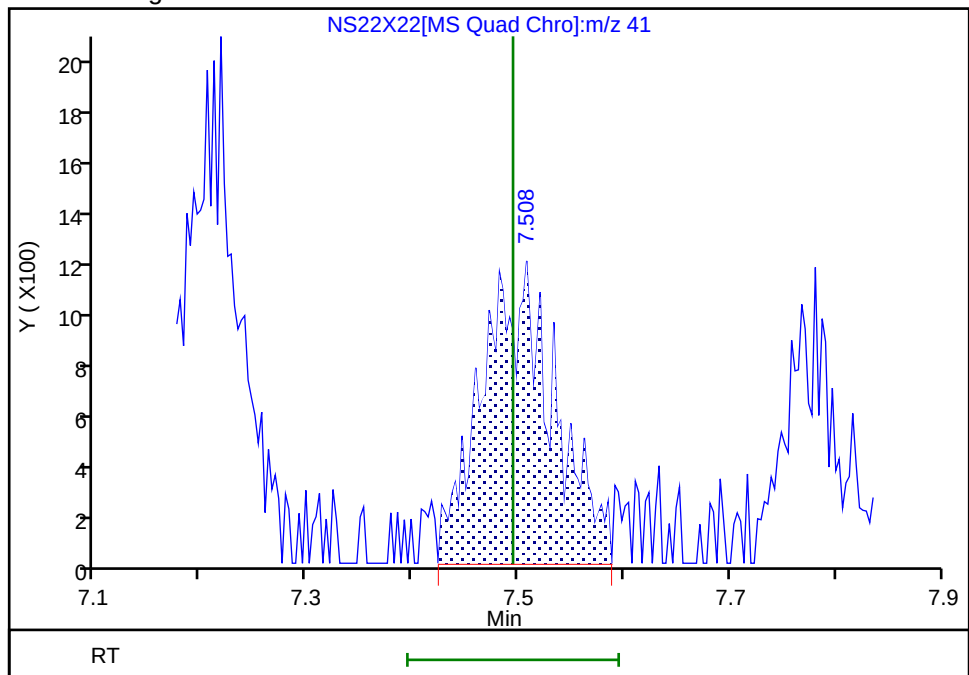
RT: 7.48
Area: 2024
Amount: 12.500000
Amount Units: ug/l

Processing Integration Results



RT: 7.51
Area: 5495
Amount: 15.419804
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:16:31 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

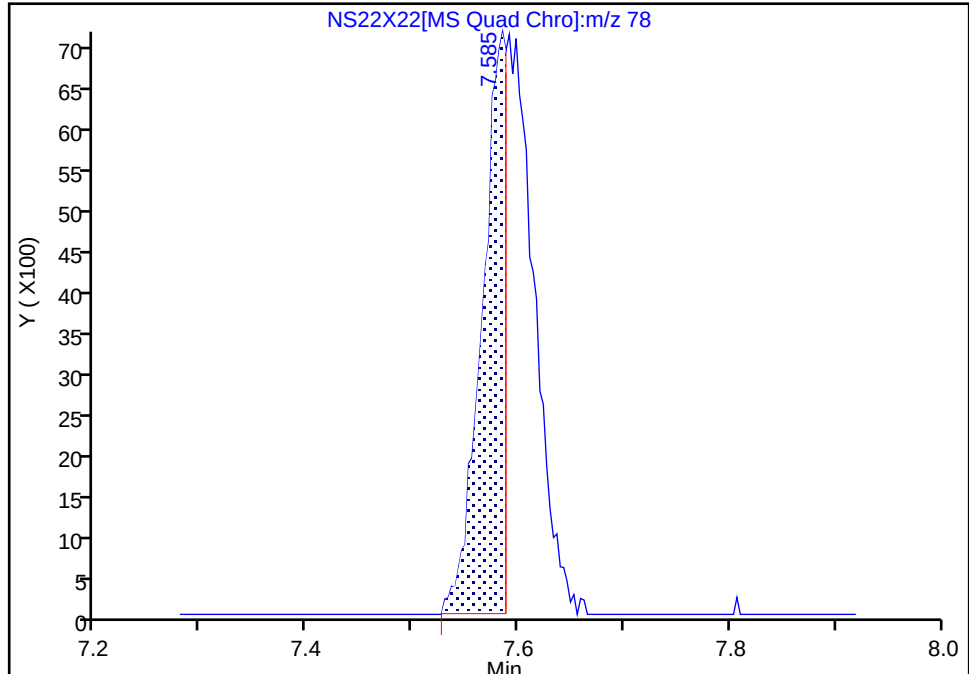
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

57 Benzene, CAS: 71-43-2

Signal: 1

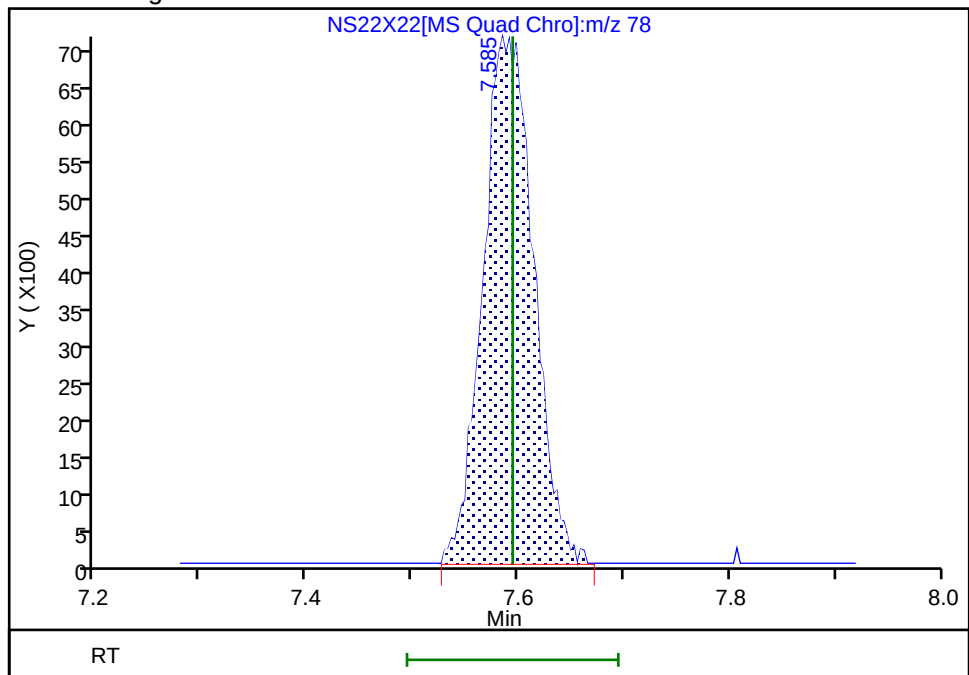
RT: 7.58
Area: 11375
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 7.58
Area: 23748
Amount: 0.975387
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:16:37 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

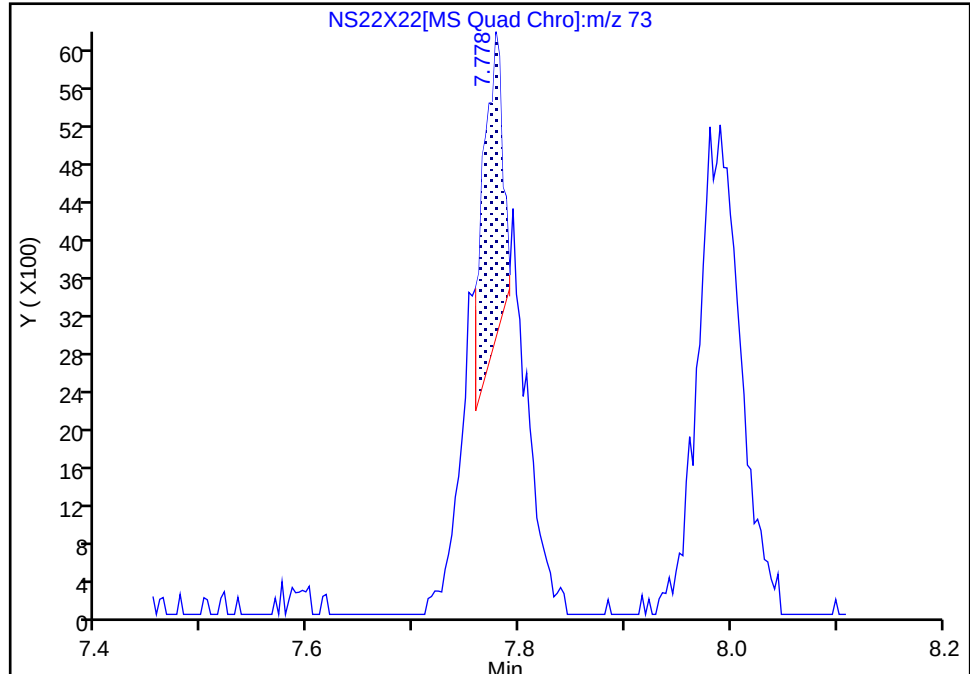
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

60 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

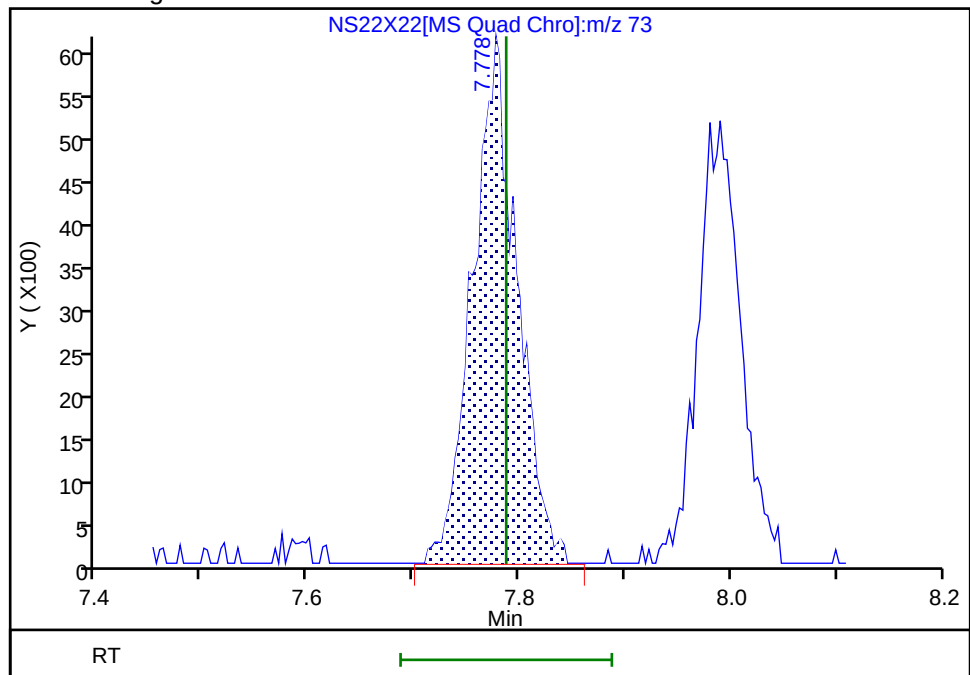
RT: 7.78
Area: 4173
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 7.78
Area: 17960
Amount: 0.993189
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:16:42 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

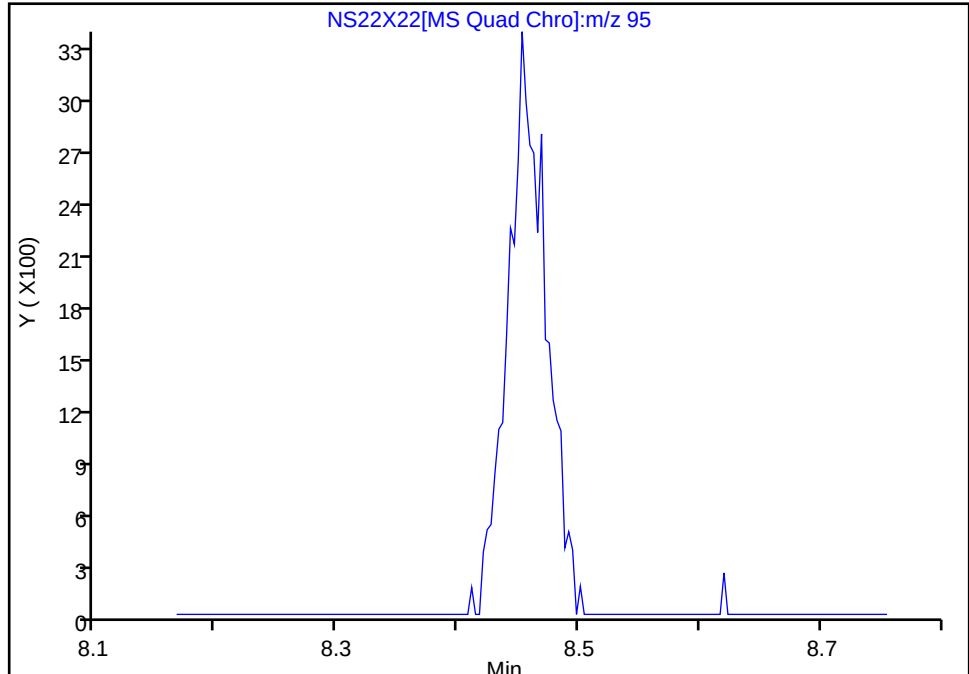
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

65 Trichloroethene, CAS: 79-01-6

Signal: 1

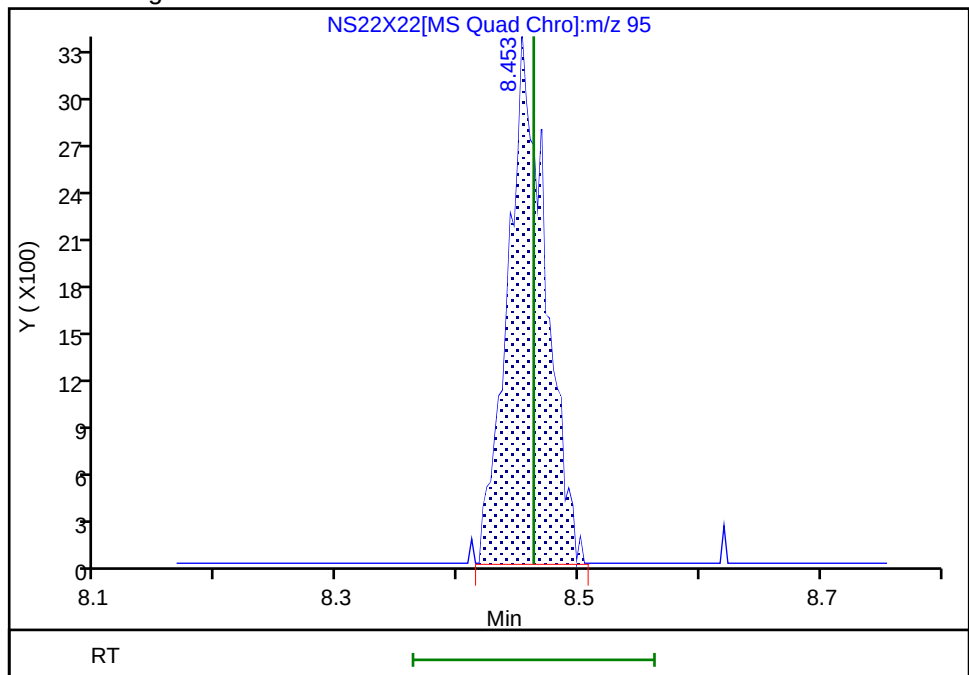
Not Detected
Expected RT: 8.46

Processing Integration Results



RT: 8.45
Area: 7238
Amount: 1.005941
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:16:10 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

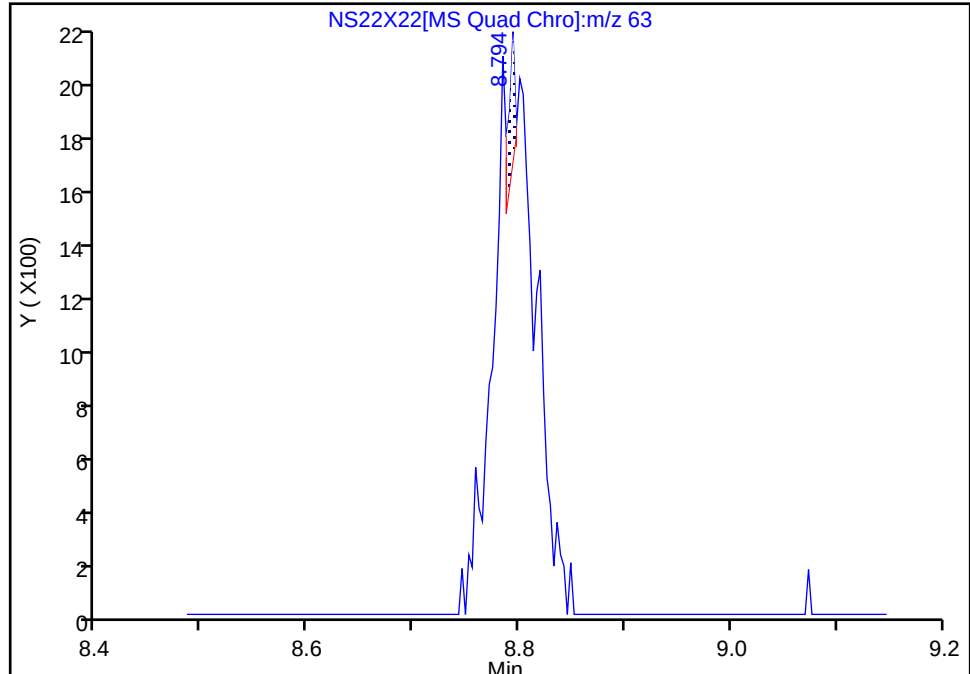
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

69 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

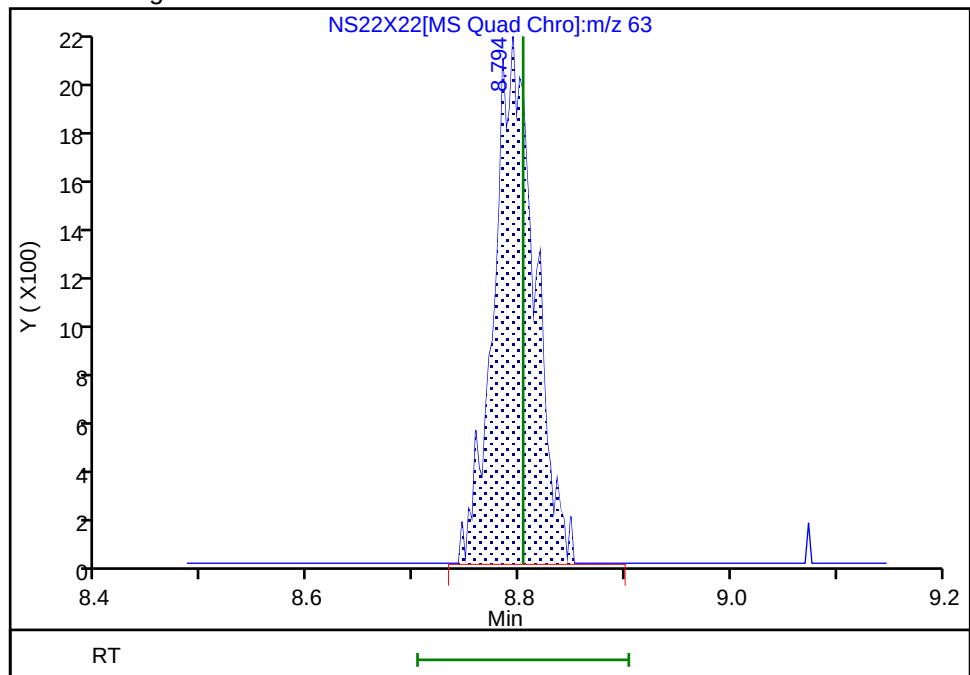
RT: 8.79
Area: 207
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 8.79
Area: 5676
Amount: 0.988568
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:16:49 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

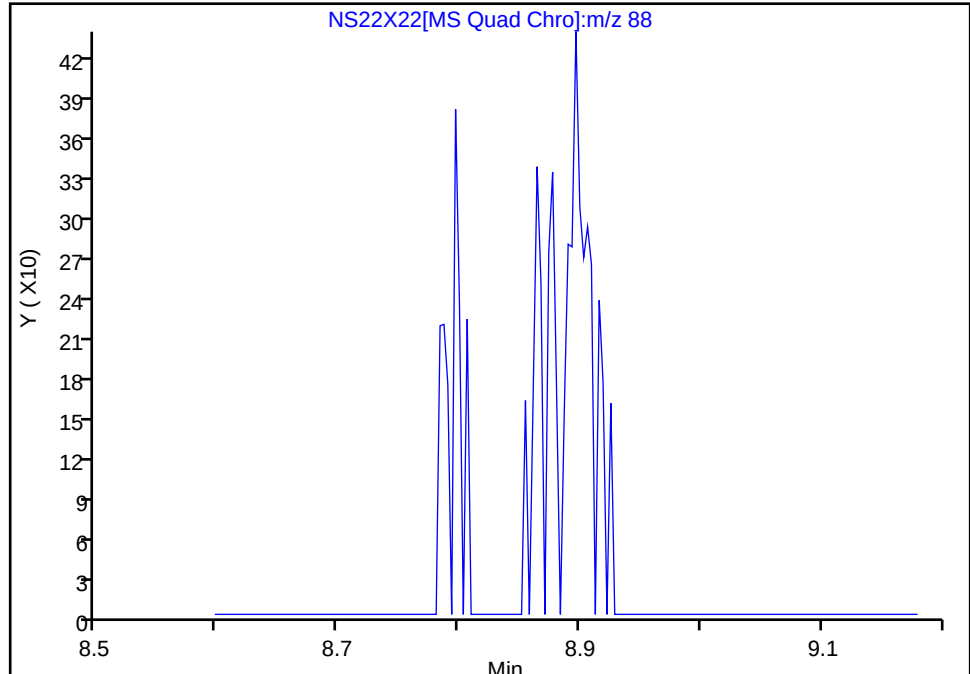
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

71 1,4-Dioxane, CAS: 123-91-1

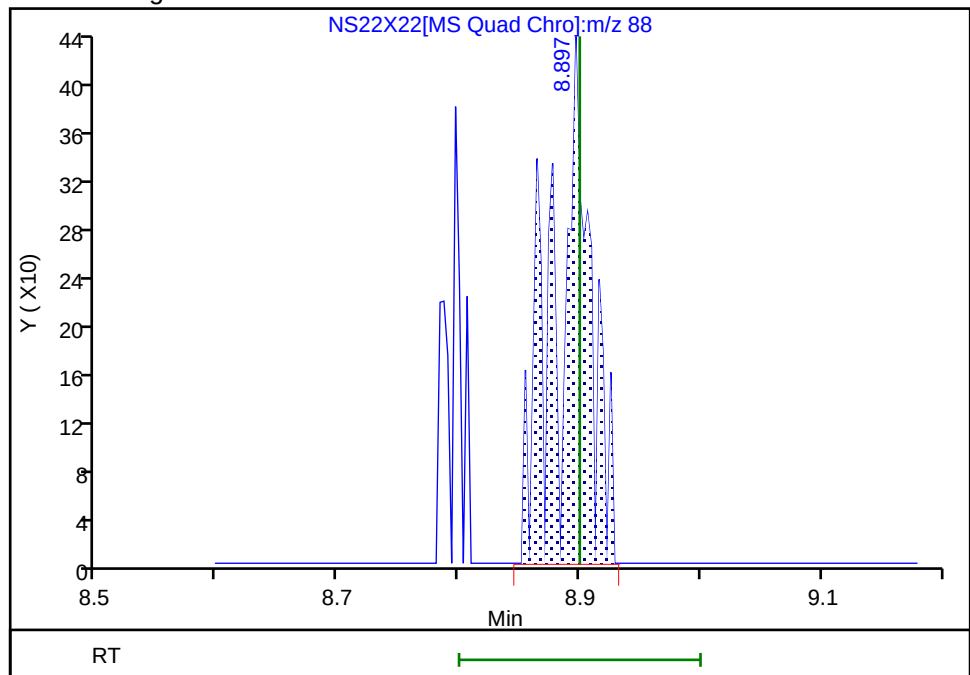
Signal: 1

Not Detected
Expected RT: 8.90

Processing Integration Results



Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:16:16 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

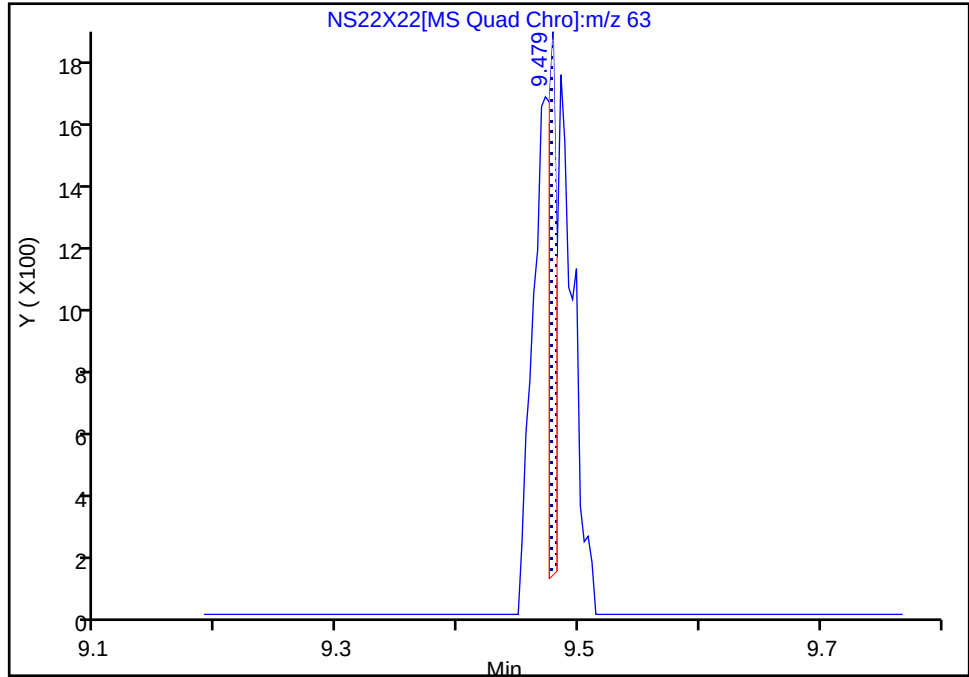
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

76 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

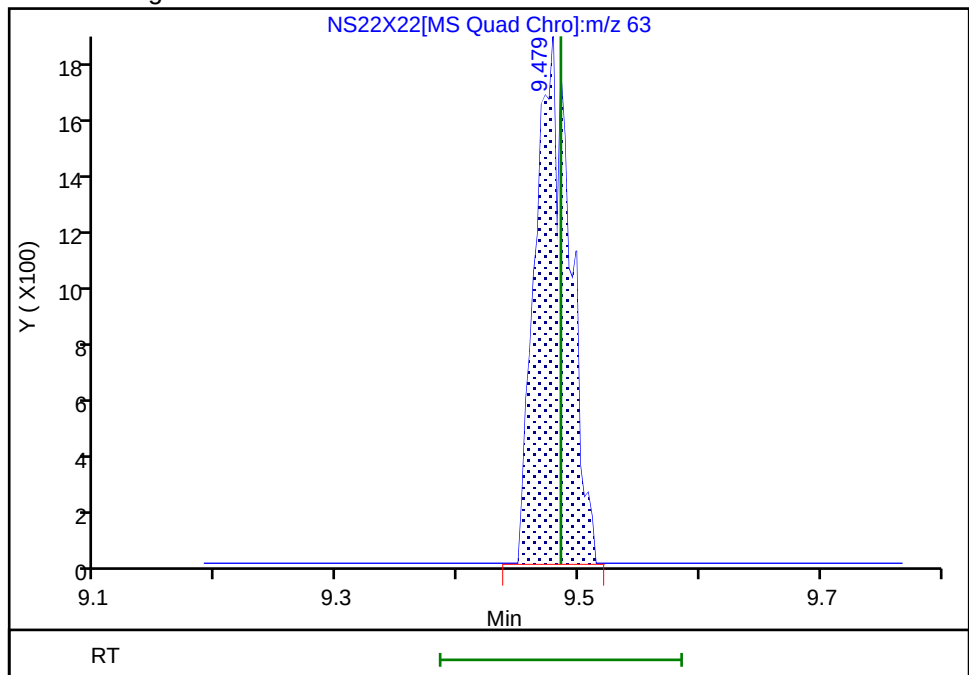
RT: 9.48
Area: 816
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 9.48
Area: 3642
Amount: 0.995039
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:16:54 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

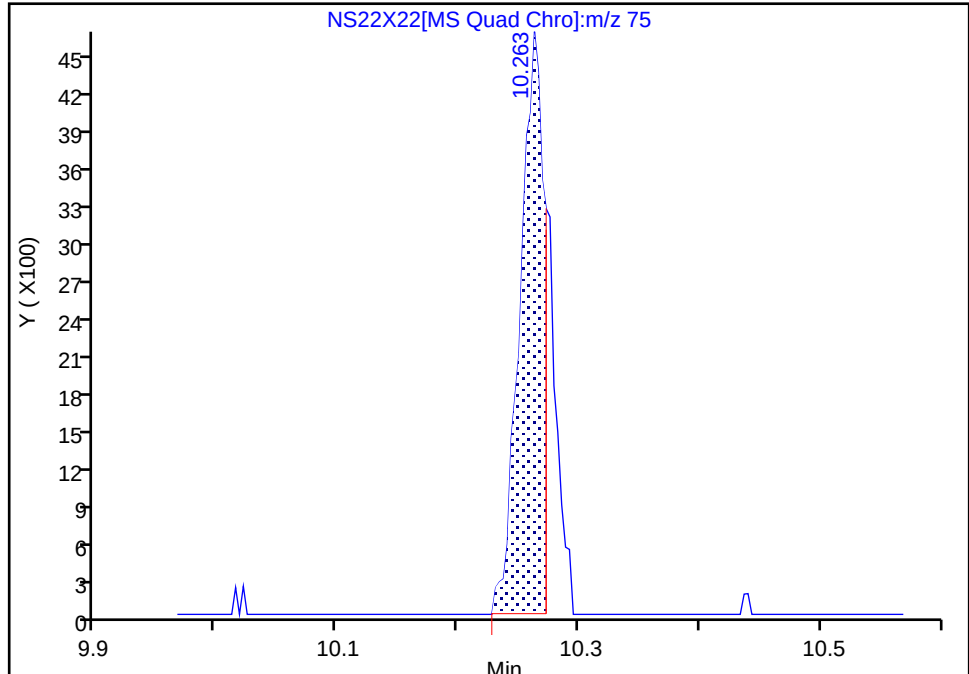
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

120 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

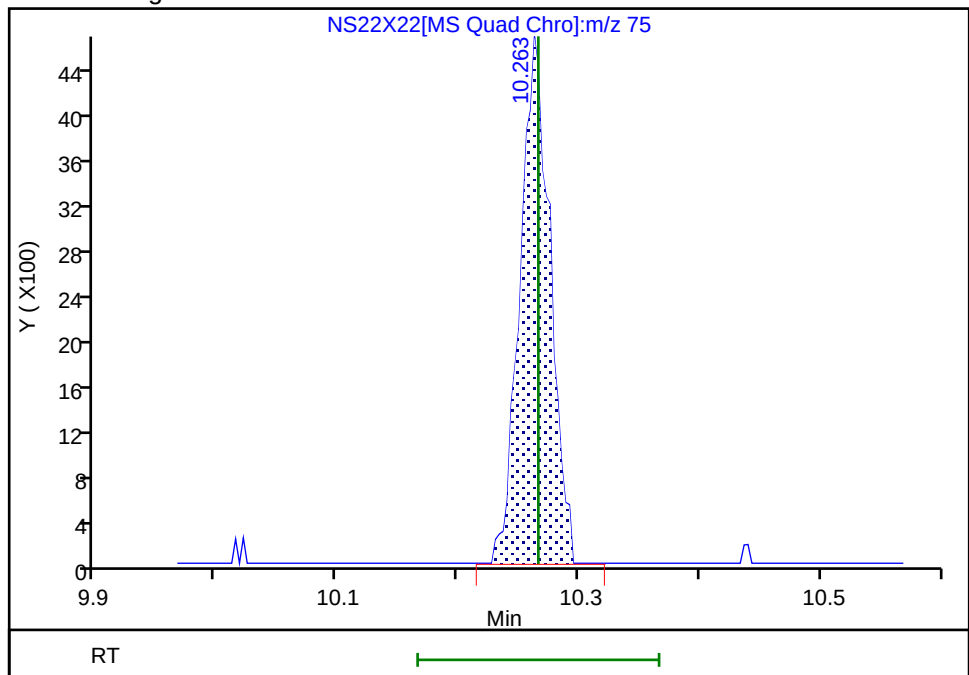
RT: 10.26
Area: 6325
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 10.26
Area: 7924
Amount: 0.968956
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:17:00 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

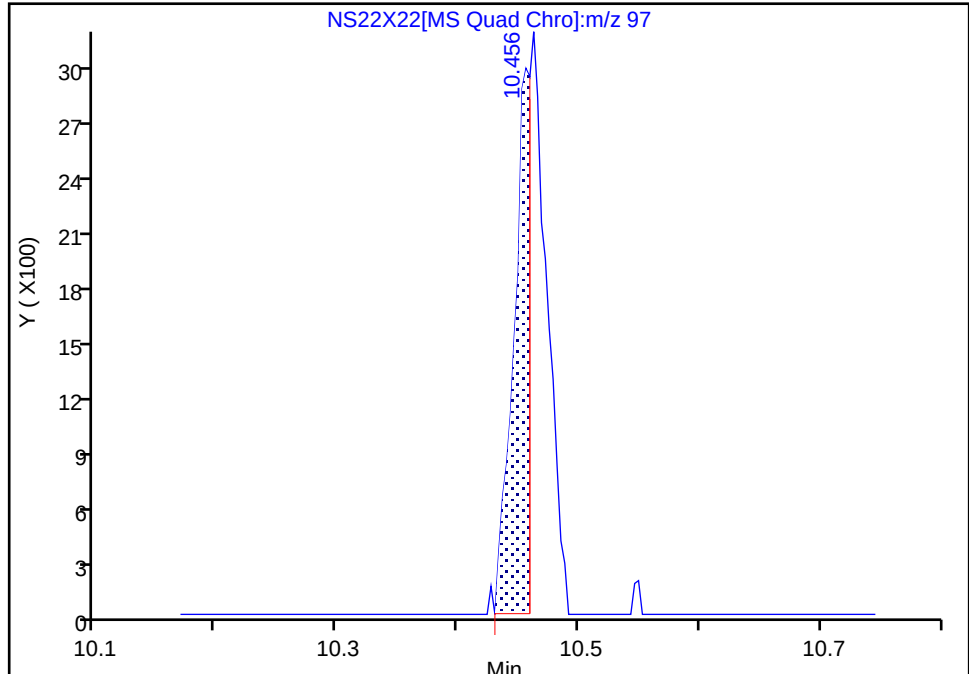
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

122 1,1,2-Trichloroethane, CAS: 79-00-5
Signal: 1

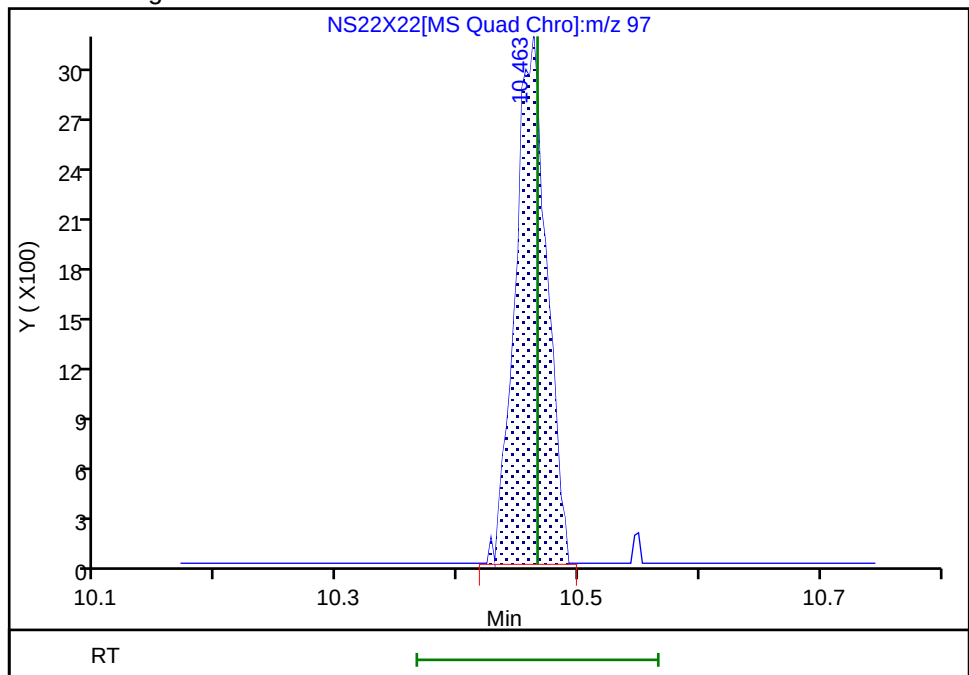
RT: 10.46
Area: 2862
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 10.46
Area: 5627
Amount: 0.985885
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:17:05 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

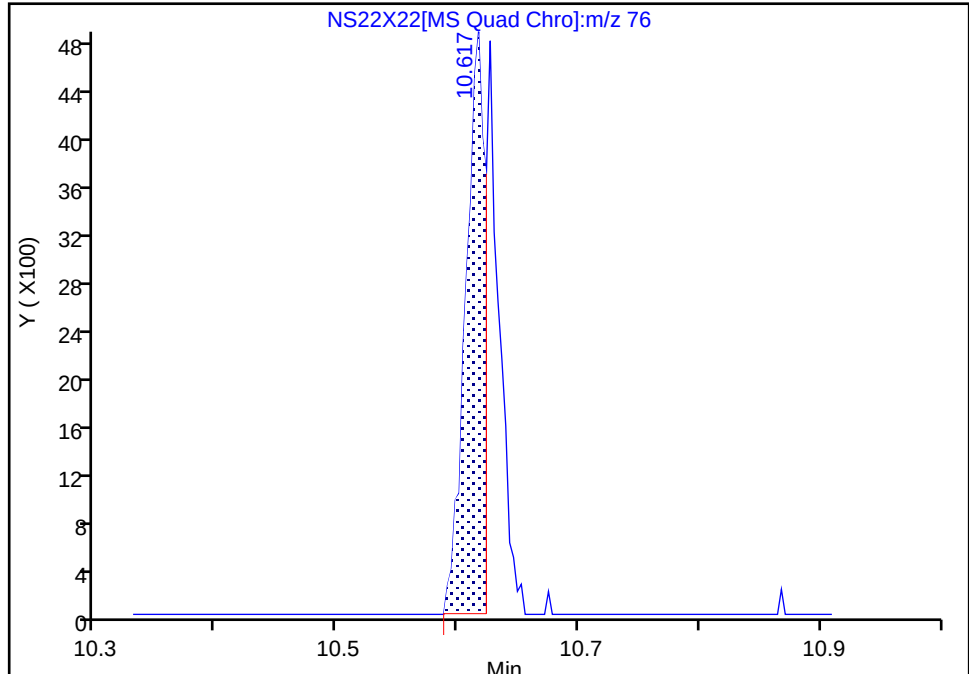
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

124 1,3-Dichloropropane, CAS: 142-28-9

Signal: 1

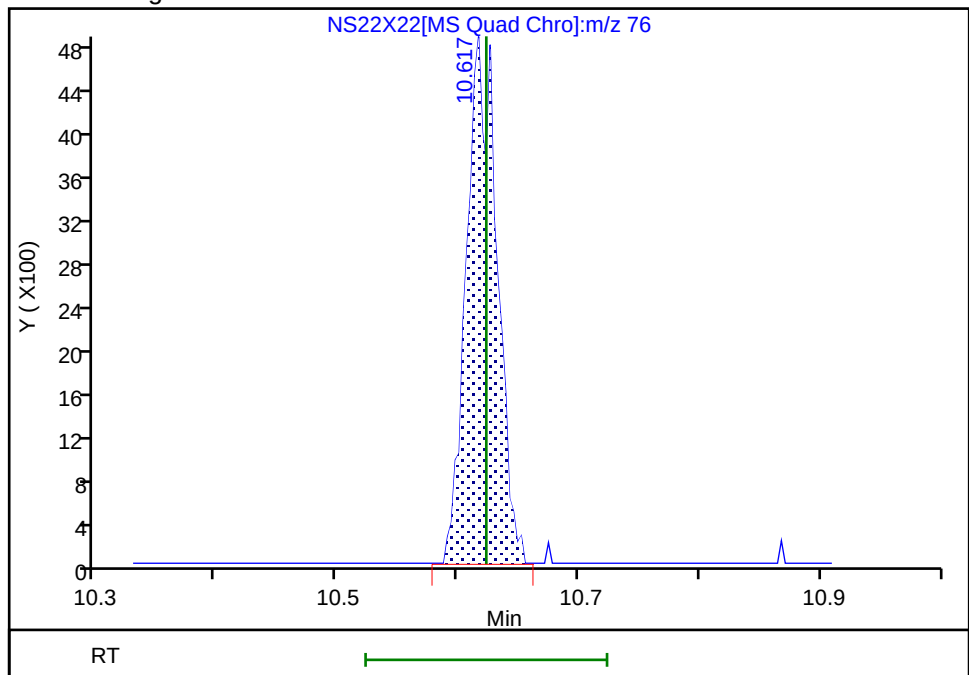
RT: 10.62
Area: 5460
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 10.62
Area: 8520
Amount: 0.995800
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:17:11 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

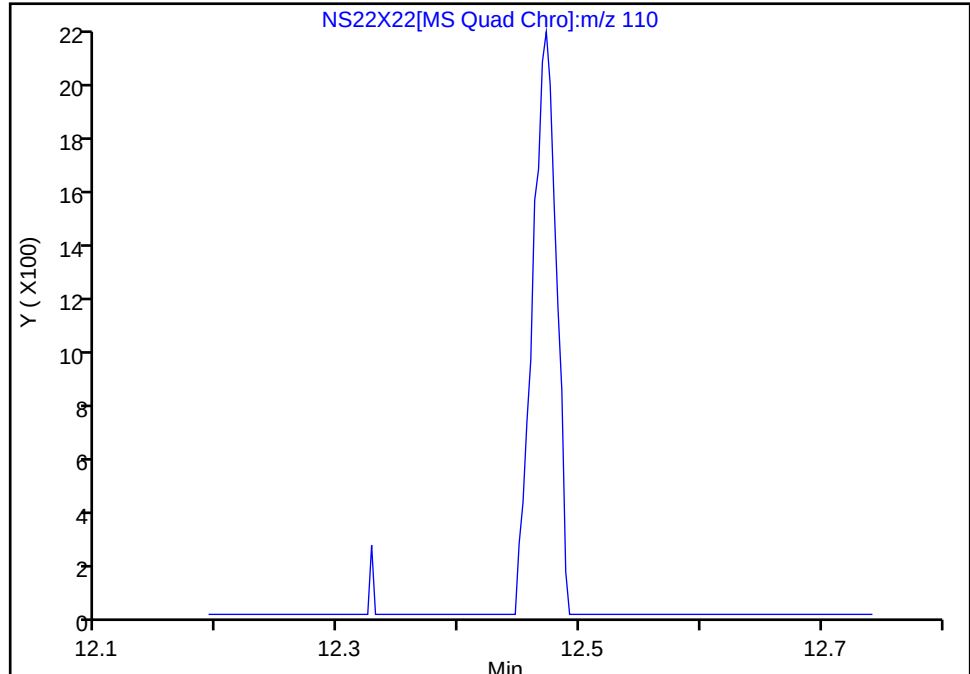
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

148 1,2,3-Trichloropropane, CAS: 96-18-4
Signal: 1

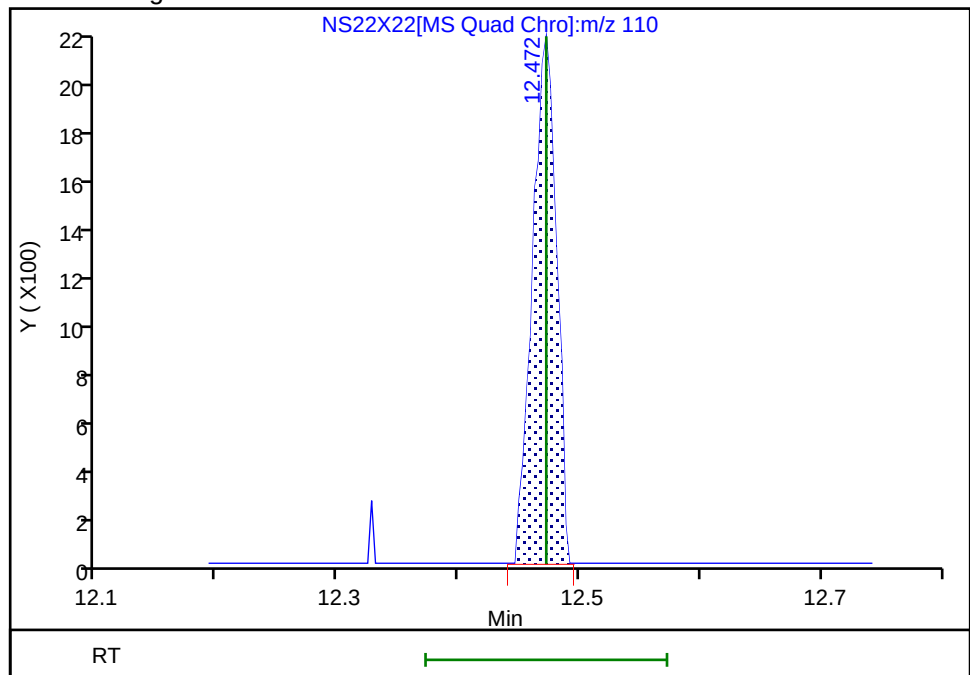
Not Detected
Expected RT: 12.47

Processing Integration Results



RT: 12.47
Area: 2998
Amount: 0.938185
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:16:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

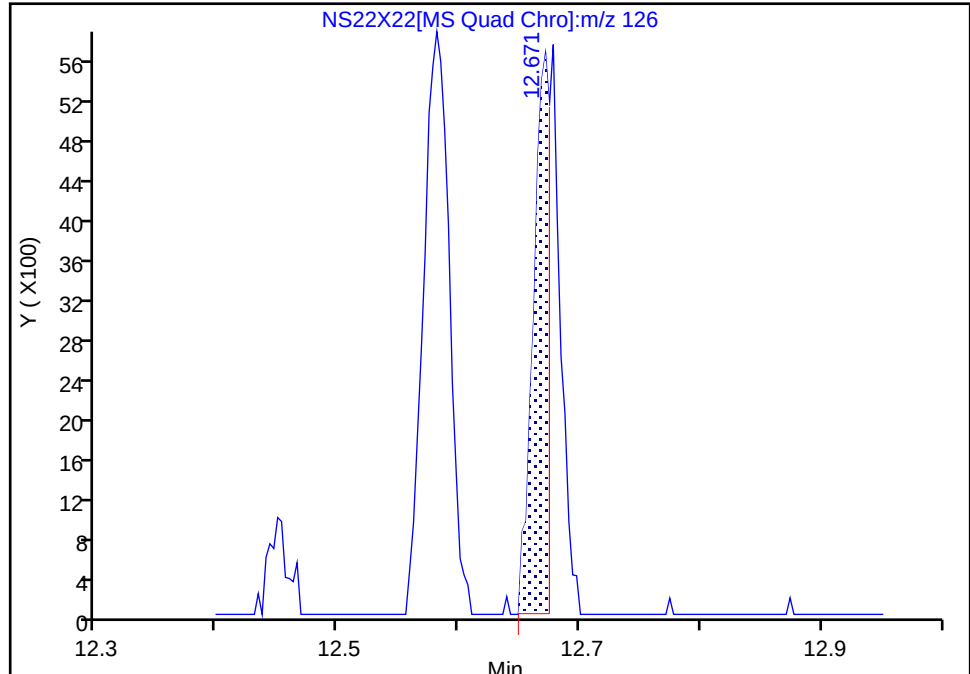
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

152 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

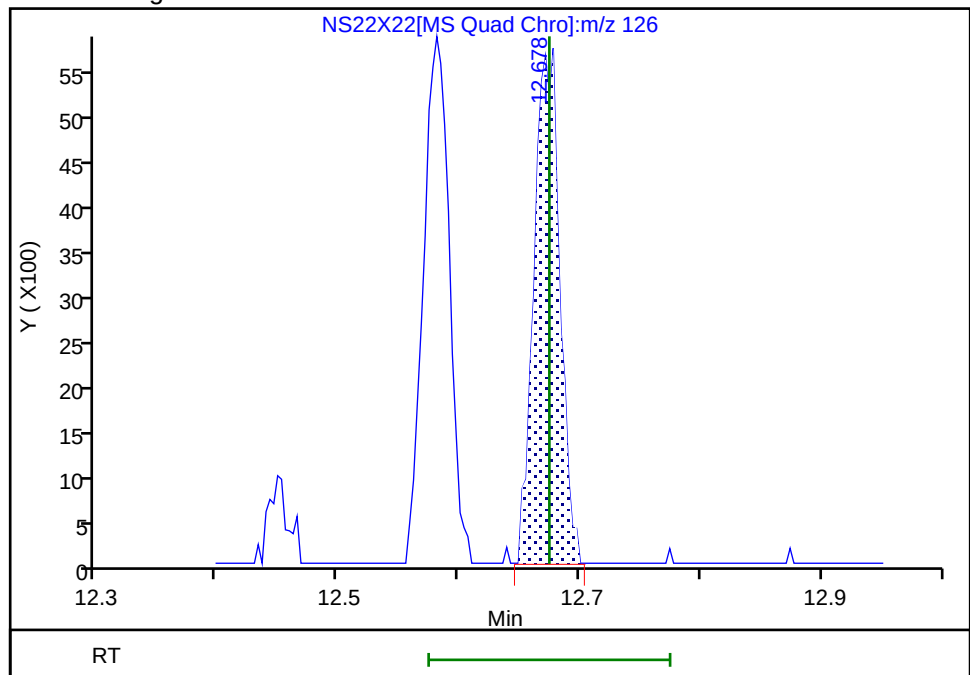
RT: 12.67
Area: 5342
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 12.68
Area: 8446
Amount: 0.939956
Amount Units: ug/l

Manual Integration Results



Reviewer: UKEK, 23-Sep-2025 09:30:38 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Other

Eurofins Lancaster Laboratories Environment Testing, LLC

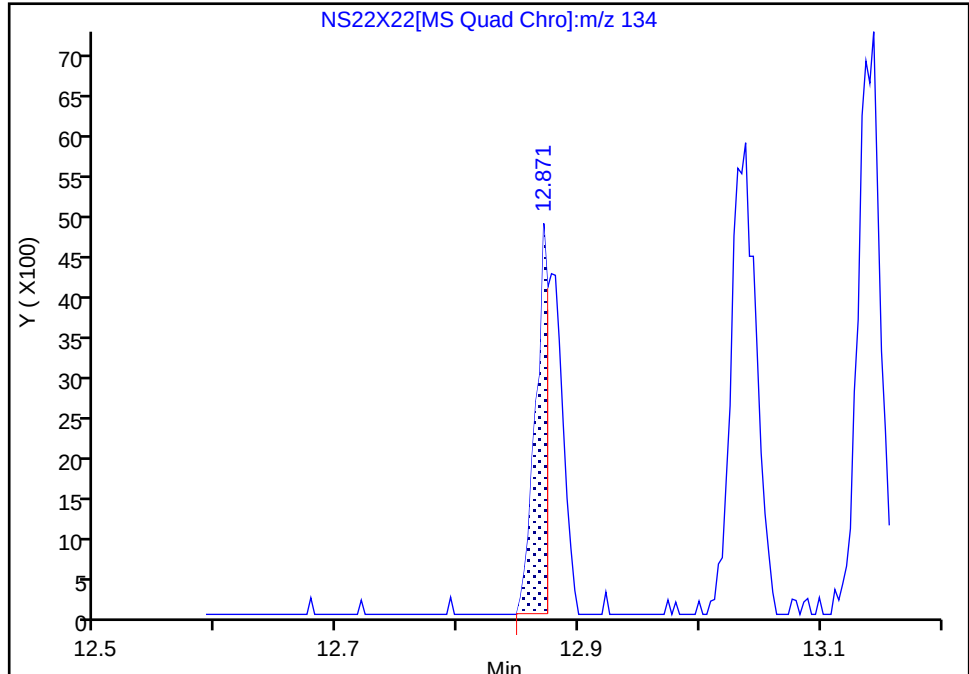
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

154 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

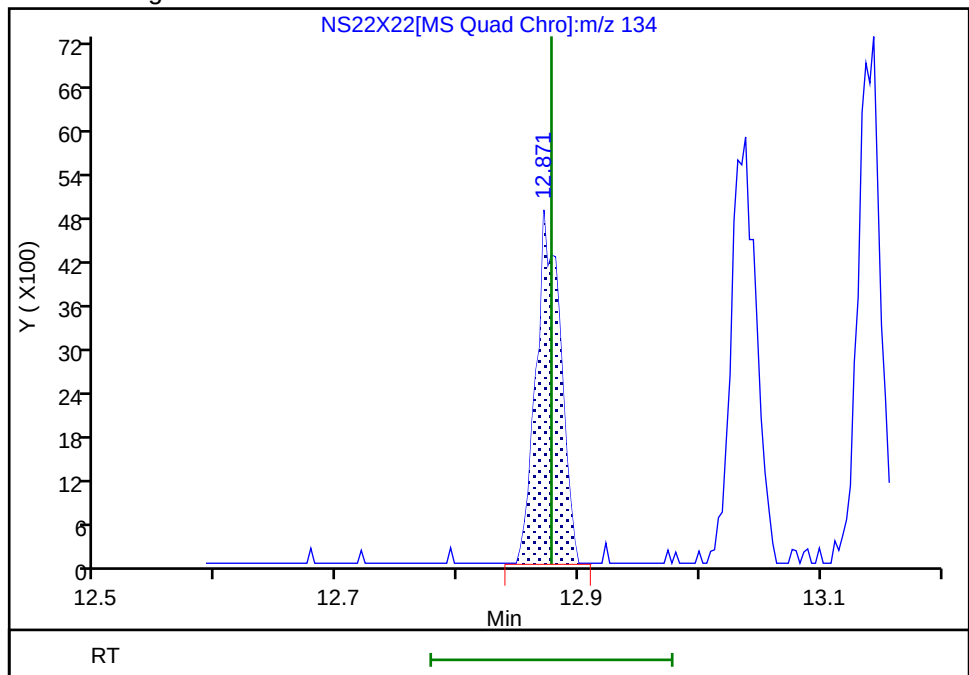
RT: 12.87
Area: 3510
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 12.87
Area: 6744
Amount: 0.936904
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:17:27 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

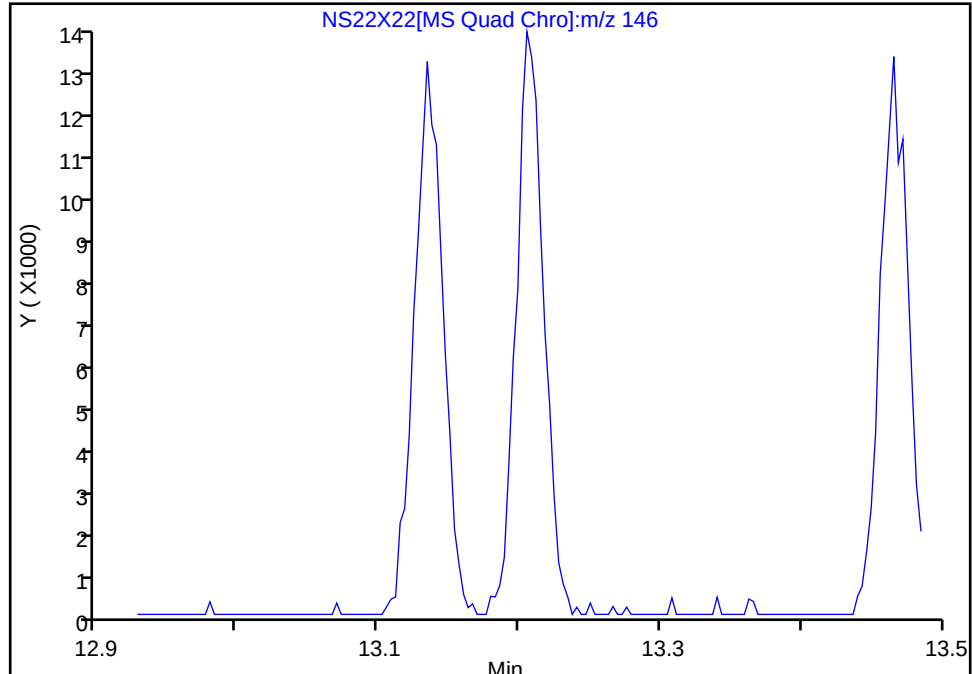
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

161 1,4-Dichlorobenzene, CAS: 106-46-7
Signal: 1

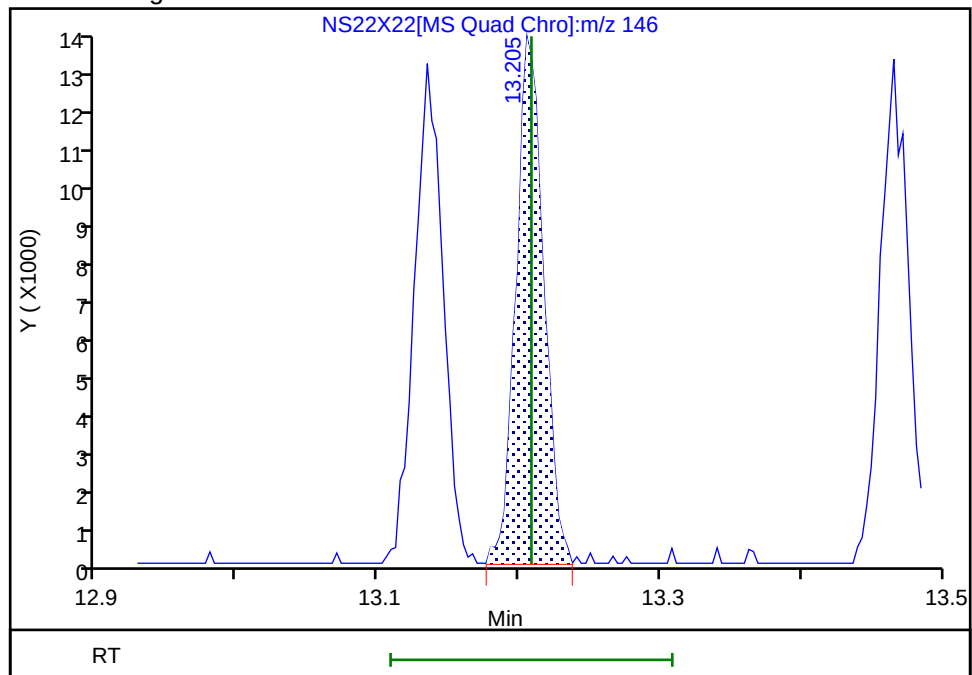
Not Detected
Expected RT: 13.21

Processing Integration Results



Manual Integration Results

RT: 13.21
Area: 18268
Amount: 0.996257
Amount Units: ug/l



Reviewer: UKAD, 22-Sep-2025 23:14:32 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Lims ID: IC v4
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 22-Sep-2025 22:59:14 ALS Bottle#: 22 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-013
 Misc. Info.: IC V4
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub47
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:35:54 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: JS6E

Date: 22-Sep-2025 23:44:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.984					ND	
2 Dichlorodifluoromethane	85	2.035	2.025	0.010	99	62478	4.00	3.53	
3 Chlorodifluoromethane	51		2.041					ND	U
4 Chloromethane	50	2.234	2.231	0.003	98	50624	4.00	3.99	
5 Butadiene	39	2.357	2.350	0.007	91	32785	4.00	4.00	
6 Vinyl chloride	62	2.363	2.363	0.000	97	50144	4.00	3.91	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.443					ND	U
8 Bromomethane	94	2.713	2.704	0.009	91	40625	4.00	4.07	
9 Chloroethane	64	2.810	2.810	0.000	99	23690	4.00	4.02	
10 Dichlorofluoromethane	67	3.077	3.074	0.003	97	68659	4.00	4.08	
11 Trichlorofluoromethane	101	3.151	3.141	0.010	94	63230	4.00	3.68	
12 Pentane	43	3.186	3.176	0.010	95	36588	4.00	4.60	
13 Ethanol	45	3.279	3.328	-0.049	22	22837	250.0	263.9	M
15 1,2-Dichloro-1,1,2-trifluoroethane	67	3.517	3.511	0.006	87	30180	4.00	3.94	M
16 Acrolein	56	3.611	3.607	0.004	99	55096	39.0	38.6	
17 1,1-Dichloroethene	96	3.752	3.752	0.000	97	25473	4.00	4.31	M
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.794	3.791	0.003	89	37729	4.00	4.42	M
19 Acetone	58	3.800	3.794	0.006	64	5787	8.00	8.01	
20 Iodomethane	142	3.958	3.964	-0.006	96	61387	4.00	4.35	
21 Isopropyl alcohol	45	3.996	3.984	0.012	55	20235	20.0	22.3	M
22 Carbon disulfide	76	4.074	4.070	0.004	99	86112	4.00	4.36	
24 Methyl acetate	43	4.257	4.254	0.003	37	19862	4.00	4.46	M
25 3-Chloro-1-propene	41	4.286	4.283	0.003	88	31576	4.00	4.58	M
26 Methylene Chloride	84	4.492	4.485	0.007	86	27398	4.00	4.25	M
* 27 t-Butyl alcohol-d10 (IS)	65	4.521	4.530	-0.009	92	313545	250.0	250.0	M
28 2-Methyl-2-propanol	59	4.662	4.665	-0.003	63	25431	20.0	19.2	M
29 Acrylonitrile	53	4.861	4.861	0.000	99	25232	10.0	10.1	
32 Methyl tert-butyl ether	73	4.906	4.910	-0.004	92	81806	4.00	4.05	
31 trans-1,2-Dichloroethene	96	4.916	4.913	0.003	94	29475	4.00	4.48	M
33 Hexane	57	5.344	5.347	-0.003	92	33610	4.00	4.52	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	5.598	5.591	0.007	75	42571	4.00	4.28	M
36 Isopropyl ether	45	5.656	5.652	0.004	94	64691	4.00	4.03	M
37 2-Chloro-1,3-butadiene	53	5.694	5.697	-0.003	91	35471	4.00	4.26	M
S 38 1,2-Dichloroethene, Total	100				0			8.85	
39 Tert-butyl ethyl ether	59	6.183	6.186	-0.003	94	71137	4.00	3.98	M
40 2-Butanone (MEK)	43	6.402	6.401	0.001	50	26088	8.00	8.17	M
41 cis-1,2-Dichloroethene	96	6.418	6.424	-0.006	64	33033	4.00	4.37	M
43 2,2-Dichloropropane	77	6.447	6.443	0.004	81	48062	4.00	4.30	M
44 Propionitrile	54	6.495	6.508	-0.013	87	22522	20.0	19.7	M
45 Methyl acrylate	55	6.524	6.524	0.000	99	26314	4.00	3.97	
46 Methacrylonitrile	67	6.710	6.713	-0.003	87	26813	10.0	9.89	M
47 Chlorobromomethane	128	6.749	6.752	-0.003	86	17222	4.00	4.18	
48 Tetrahydrofuran	71	6.762	6.768	-0.006	83	20925	20.0	19.7	
49 Chloroform	83	6.897	6.906	-0.009	93	51532	4.00	4.18	
\$ 50 Dibromofluoromethane (Surr)	113	7.112	7.115	-0.003	94	306329	50.0	50.4	
51 1,1,1-Trichloroethane	97	7.119	7.128	-0.009	36	53334	4.00	4.22	M
52 Cyclohexane	56	7.218	7.215	0.003	88	46500	4.00	4.31	
53 Carbon tetrachloride	117	7.328	7.334	-0.006	96	50477	4.00	4.26	
54 1,1-Dichloropropene	75	7.328	7.334	-0.006	95	35185	4.00	4.30	
55 Isobutyl alcohol	41	7.495	7.495	0.000	75	17881	50.0	48.9	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.569	7.575	-0.006	92	68620	50.0	50.1	
57 Benzene	78	7.604	7.594	0.010	94	99455	4.00	4.09	M
59 1,2-Dichloroethane	62	7.675	7.675	0.000	99	32434	4.00	4.10	
60 Tert-amyl methyl ether	73	7.774	7.787	-0.013	98	70787	4.00	3.92	M
* 62 Fluorobenzene (IS)	96	7.993	7.999	-0.006	99	1069281	50.0	50.0	
63 n-Heptane	43	8.000	8.000	0.000	41	26780	4.00	4.28	
64 n-Butanol	56	8.360	8.356	0.004	91	13148	50.0	47.0	
65 Trichloroethene	95	8.466	8.463	0.003	86	29850	4.00	4.15	M
66 Ethyl acrylate	55	8.582	8.585	-0.003	98	29383	4.00	3.84	
67 Methylcyclohexane	83	8.765	8.768	-0.003	88	54190	4.00	4.19	
68 2-ethoxy-2-methyl butane	87	8.797	8.803	-0.006	93	39080	4.00	4.01	
69 1,2-Dichloropropane	63	8.800	8.803	-0.003	70	22909	4.00	3.99	M
70 Methyl methacrylate	69	8.881	8.881	0.000	80	17288	4.00	3.87	
71 1,4-Dioxane	88	8.897	8.900	-0.003	37	4818	50.0	49.9	
72 Dibromomethane	93	8.906	8.909	-0.003	89	16783	4.00	3.94	
74 Dichlorobromomethane	83	9.138	9.138	0.000	98	33531	4.00	3.95	
75 2-Nitropropane	41	9.405	9.411	-0.006	100	34001	20.0	18.6	
76 2-Chloroethyl vinyl ether	63	9.485	9.485	0.000	93	14530	4.00	3.97	
77 cis-1,3-Dichloropropene	75	9.655	9.659	-0.004	96	35834	4.00	3.96	
78 4-Methyl-2-pentanone (MIBK)	43	9.823	9.826	-0.003	96	52289	8.00	7.29	
\$ 79 Toluene-d8 (Surr)	98	9.948	9.951	-0.003	93	1044213	50.0	50.7	
118 Toluene	92	10.022	10.025	-0.003	98	65791	4.00	4.13	
S 119 1,3-Dichloropropene, Total	100				0			7.88	
120 trans-1,3-Dichloropropene	75	10.266	10.266	0.000	91	31562	4.00	3.93	
121 Ethyl methacrylate	69	10.318	10.324	-0.006	87	29567	4.00	3.90	
122 1,1,2-Trichloroethane	97	10.466	10.466	0.000	90	23264	4.00	4.15	
123 Tetrachloroethene	166	10.540	10.543	-0.003	97	38897	4.00	4.35	
124 1,3-Dichloropropane	76	10.620	10.623	-0.003	85	33795	4.00	4.02	M
126 2-Hexanone	43	10.668	10.671	-0.003	95	35302	8.00	7.48	
128 Chlorodibromomethane	129	10.826	10.826	0.000	90	28871	4.00	3.95	
129 Ethylene Dibromide	107	10.938	10.938	0.000	98	24534	4.00	4.06	
S 130 Xylenes, Total	106				0			12.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	83	838388	50.0	50.0	
132 1-Chlorohexane	91	11.353	11.356	-0.003	86	39617	4.00	4.39	
133 Chlorobenzene	112	11.379	11.379	0.000	97	78320	4.00	4.15	
134 1,1,1,2-Tetrachloroethane	131	11.459	11.456	0.003	47	33410	4.00	4.01	
135 Ethylbenzene	91	11.459	11.459	0.000	98	133487	4.00	4.22	
136 m-Xylene & p-Xylene	106	11.569	11.572	-0.003	99	104092	8.00	8.30	
137 n-Butyl acrylate	55	11.835	11.835	0.000	96	41331	4.00	3.92	
138 o-Xylene	106	11.893	11.890	0.003	95	55115	4.00	4.22	
139 Styrene	104	11.903	11.906	-0.003	94	79256	4.00	3.99	
140 Bromoform	173	12.061	12.061	0.001	97	21157	4.00	3.89	
141 Isopropylbenzene	105	12.183	12.186	-0.003	95	150583	4.00	4.17	
143 Cyclohexanone	55	12.266	12.270	-0.004	89	61566	200.0	185.5	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.324	12.324	0.000	97	392502	50.0	50.5	
145 1,1,2,2-Tetrachloroethane	83	12.424	12.424	0.000	96	34997	4.00	3.81	
146 Bromobenzene	156	12.440	12.443	-0.003	91	38945	4.00	4.04	
147 trans-1,4-Dichloro-2-butene	53	12.450	12.450	0.000	93	22860	10.0	9.94	
148 1,2,3-Trichloropropane	110	12.472	12.472	0.000	83	12549	4.00	4.00	M
149 N-Propylbenzene	91	12.504	12.504	0.000	98	166564	4.00	4.12	
150 2-Chlorotoluene	126	12.581	12.581	0.000	98	37614	4.00	4.08	
151 1,3,5-Trimethylbenzene	105	12.636	12.636	0.000	94	126119	4.00	3.95	
152 4-Chlorotoluene	126	12.671	12.675	-0.004	97	35784	4.00	4.05	
154 tert-Butylbenzene	134	12.880	12.877	0.003	91	28009	4.00	3.96	M
155 1,2,4-Trimethylbenzene	105	12.916	12.919	-0.003	96	128164	4.00	3.94	
157 sec-Butylbenzene	105	13.038	13.038	0.000	94	162718	4.00	4.03	
158 1,3-Dichlorobenzene	146	13.138	13.138	0.000	98	73676	4.00	4.08	
159 4-Isopropyltoluene	119	13.141	13.141	0.000	97	144689	4.00	3.98	
* 160 1,4-Dichlorobenzene-d4	152	13.189	13.189	0.000	93	523411	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.208	13.208	0.000	70	74323	4.00	4.12	M
162 1,2,3-Trimethylbenzene	105	13.218	13.218	0.000	98	132386	4.00	4.01	
163 Benzyl chloride	91	13.289	13.286	0.003	98	62511	4.00	3.82	
164 1,3-Diethylbenzene	119	13.337	13.340	-0.003	95	78483	4.00	3.93	
165 p-Diethylbenzene	119	13.408	13.411	-0.003	94	82439	4.00	3.94	
166 n-Butylbenzene	92	13.430	13.430	0.000	97	63021	4.00	4.05	
167 1,2-Dichlorobenzene	146	13.469	13.466	0.003	99	73299	4.00	4.07	
168 o-diethylbenzene	119	13.482	13.482	0.000	93	71116	4.00	3.97	
170 1,2-Dibromo-3-Chloropropane	75	14.006	14.003	0.003	90	9546	4.00	3.86	
171 1,3,5-Trichlorobenzene	180	14.125	14.122	0.003	96	59506	4.00	4.01	
172 1,2,4-Trichlorobenzene	180	14.546	14.543	0.003	94	57153	4.00	4.14	
173 2-Ethylhexyl acrylate	55	14.597	14.597	0.000	82	37673	4.00	3.48	
174 Hexachlorobutadiene	225	14.623	14.623	0.000	94	22913	4.00	4.00	
175 Naphthalene	128	14.732	14.729	0.003	96	165052	4.00	4.02	
176 1,2,3-Trichlorobenzene	180	14.871	14.871	0.000	96	56640	4.00	4.00	
177 2-Methylnaphthalene	142	15.514	15.517	-0.003	92	91307	4.00	3.80	
S 238 Total Diethylbenzene	1				0			11.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

MSV_CCV_VOC#1_00254	Amount Added: 4.00	Units: uL	
MSV_CCV_GASES_01121	Amount Added: 2.00	Units: uL	
MSV_CCV_VOC#3_00256	Amount Added: 3.20	Units: uL	
MSV_CCV_2CEVE_00247	Amount Added: 4.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 32.00	Units: uL	
MSV_CCV_ETOH_00011	Amount Added: 20.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 4.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent
MSV_V_SMFreon_00052	Amount Added: 0.00	Units:	Run Reagent

Report Date: 23-Sep-2025 09:35:55

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D

Injection Date: 22-Sep-2025 22:59:14

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC v4

Worklist Smp#: 13

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

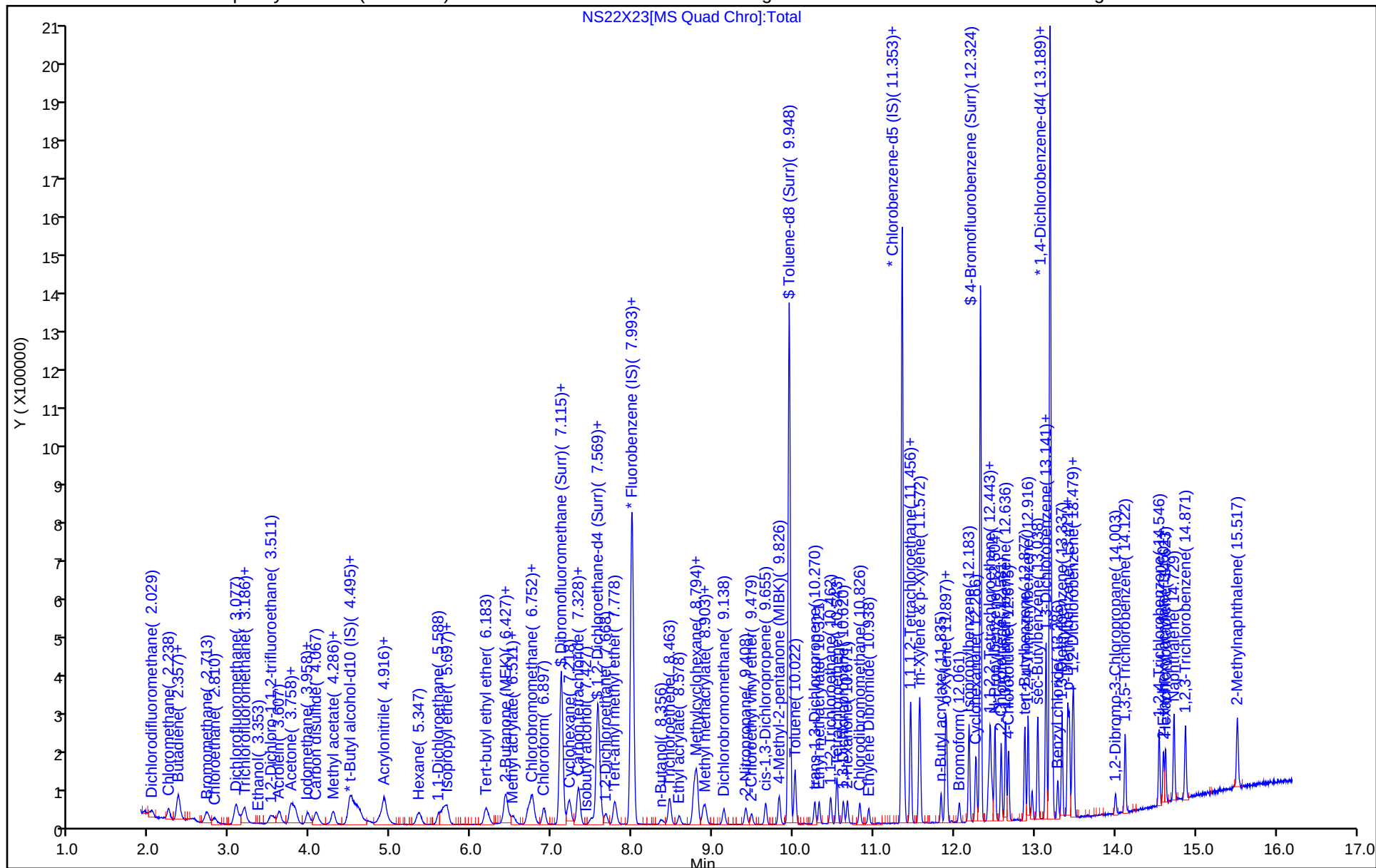
ALS Bottle#: 22

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

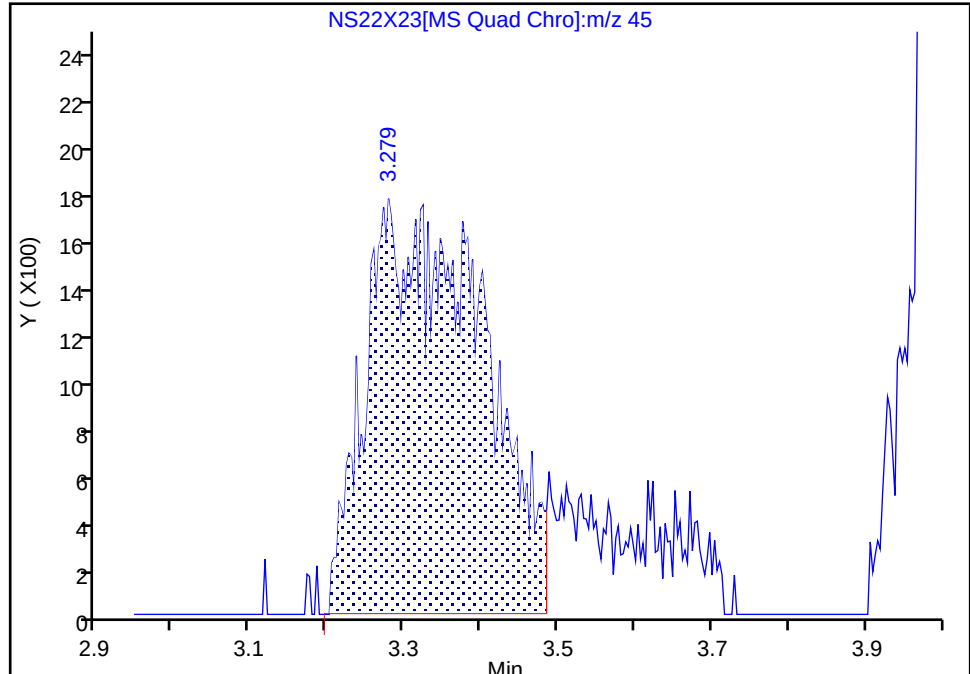
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Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

13 Ethanol, CAS: 64-17-5

Signal: 1

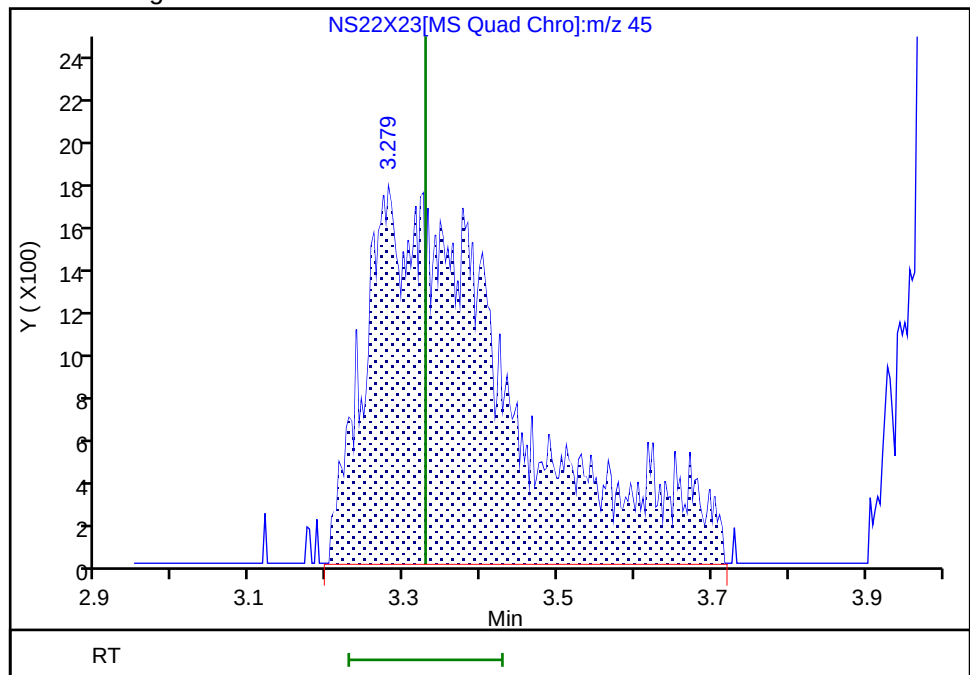
RT: 3.28
Area: 18108
Amount: 230.1057
Amount Units: ug/l

Processing Integration Results



RT: 3.28
Area: 22837
Amount: 263.9336
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:17:56 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

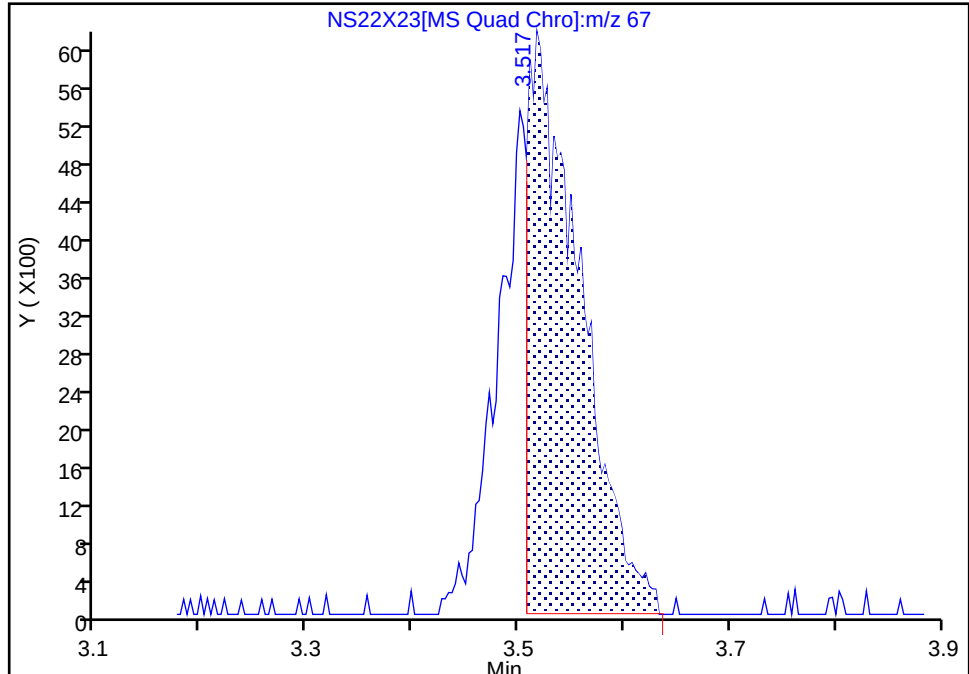
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Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

15 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

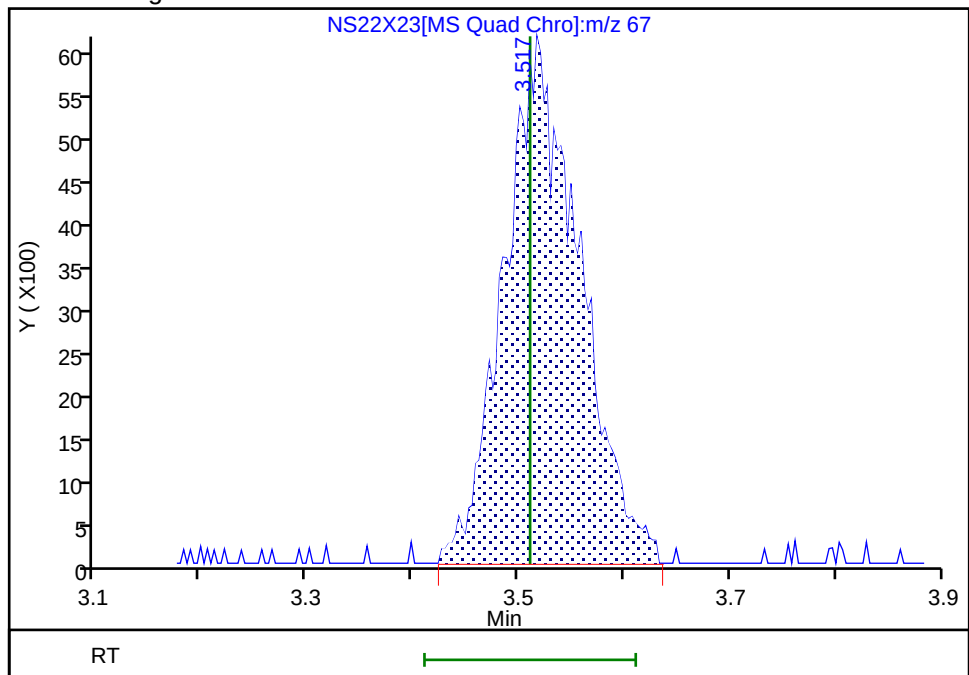
RT: 3.52
Area: 20745
Amount: 2.829382
Amount Units: ug/l

Processing Integration Results



RT: 3.52
Area: 30180
Amount: 3.935347
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:18:04 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

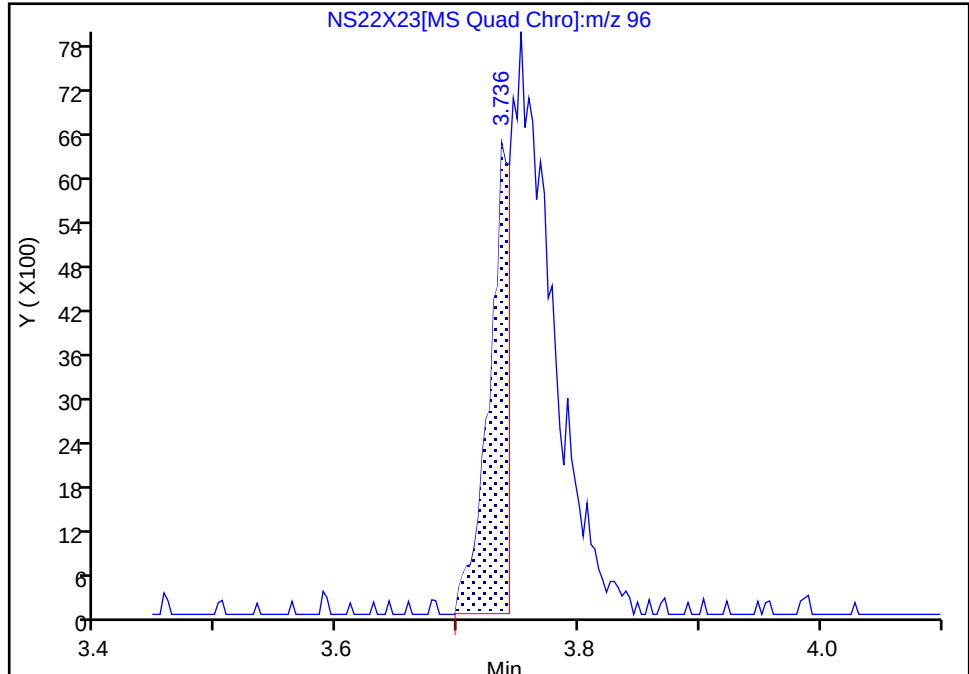
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Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

17 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

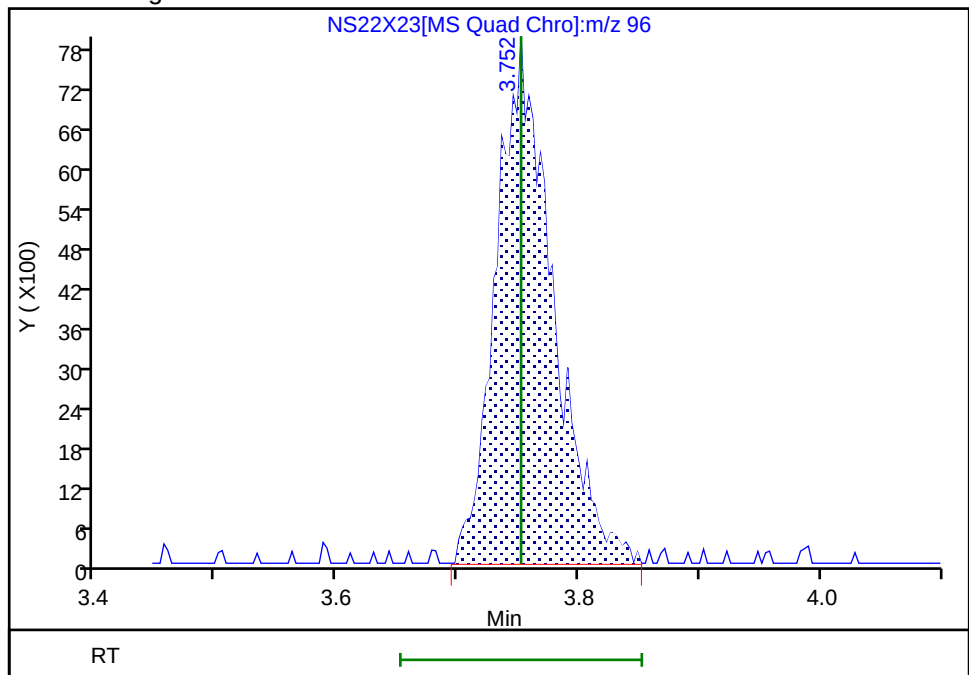
RT: 3.74
Area: 7614
Amount: 1.445961
Amount Units: ug/l

Processing Integration Results



RT: 3.75
Area: 25473
Amount: 4.314881
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:18:10 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

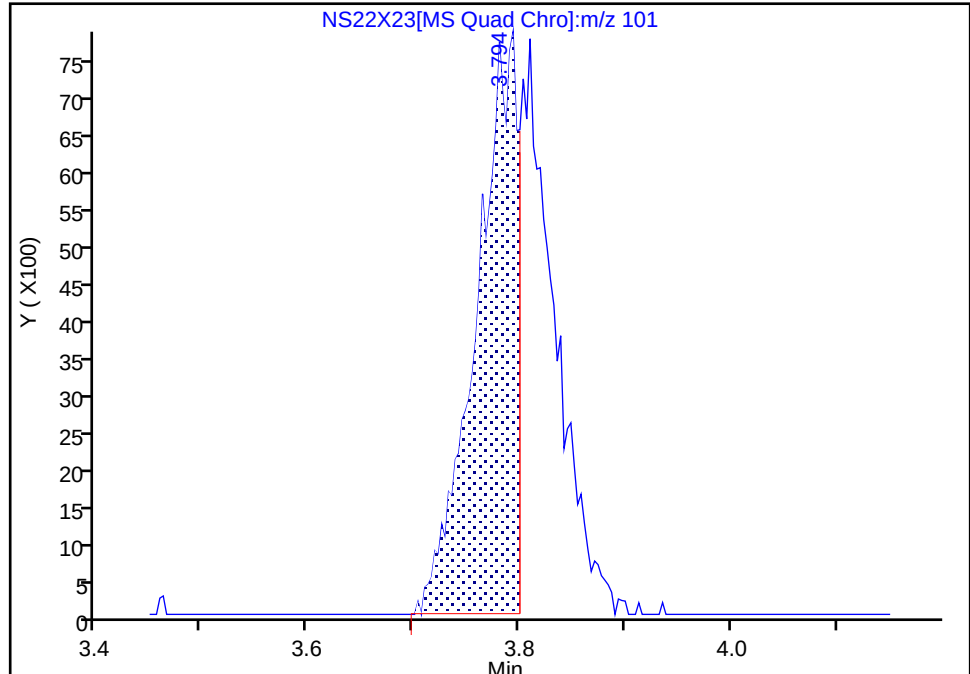
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Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

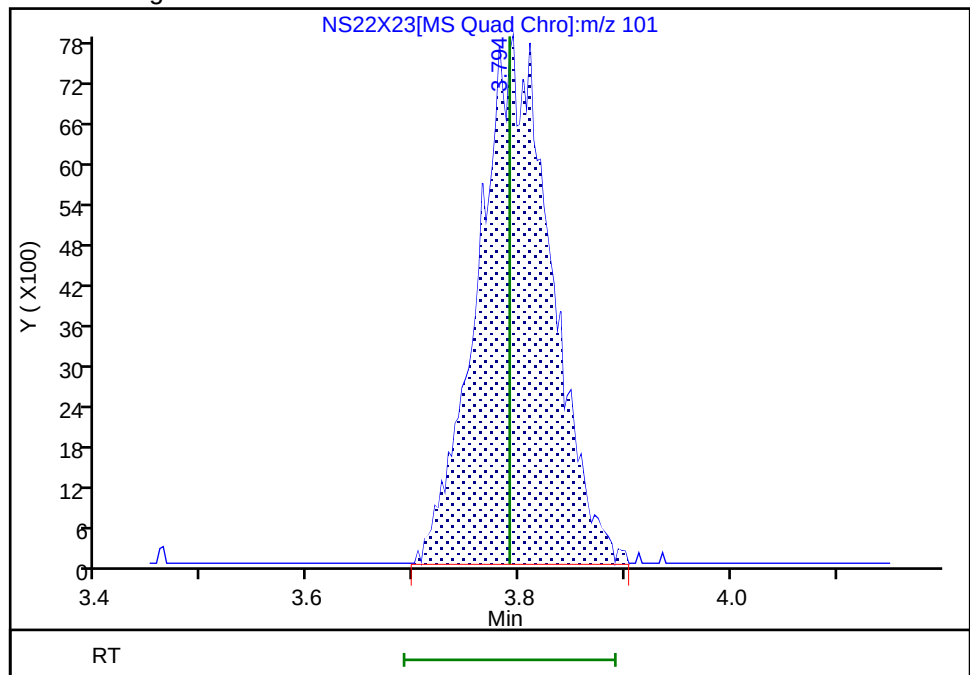
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Area: 21370
Amount: 2.826911
Amount Units: ug/l

Processing Integration Results



RT: 3.79
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Amount: 4.417664
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:18:15 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

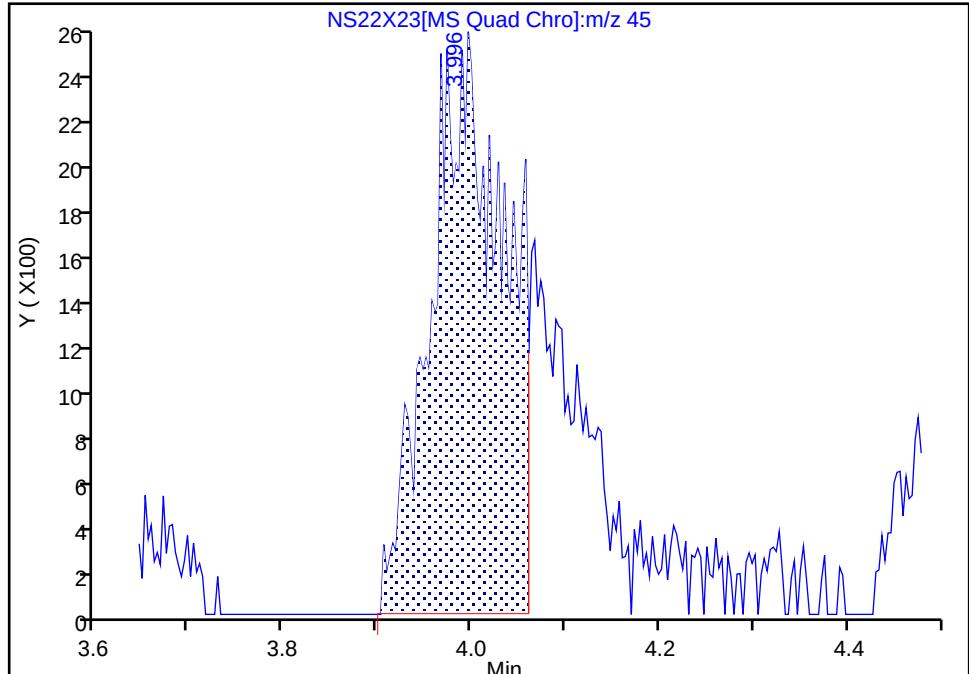
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Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

21 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

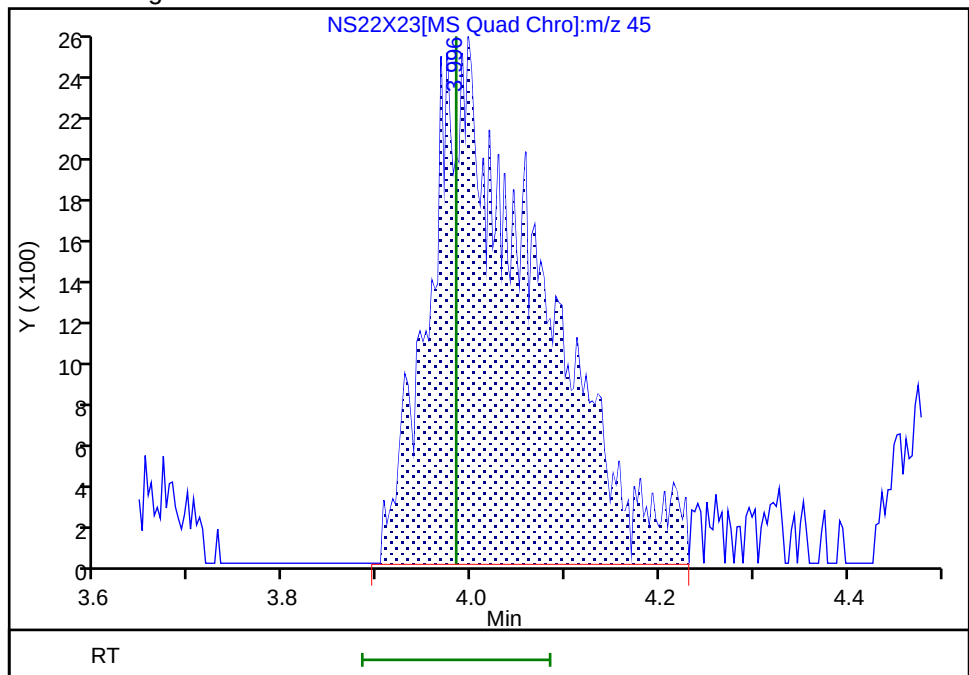
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Area: 13642
Amount: 17.494259
Amount Units: ug/l

Processing Integration Results



RT: 4.00
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Amount: 22.327539
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:18:22 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

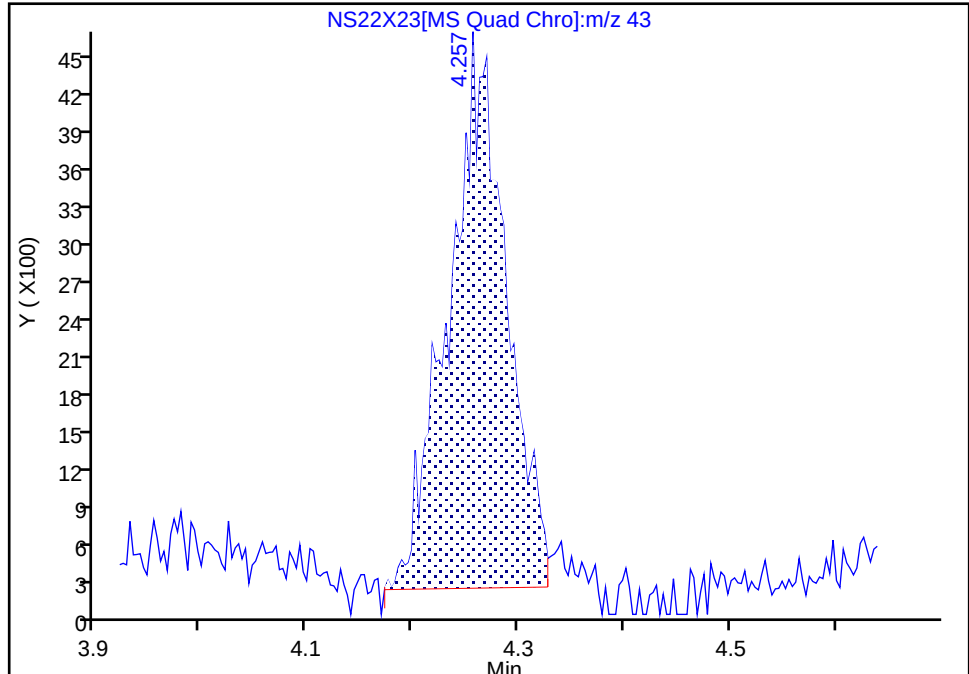
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Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

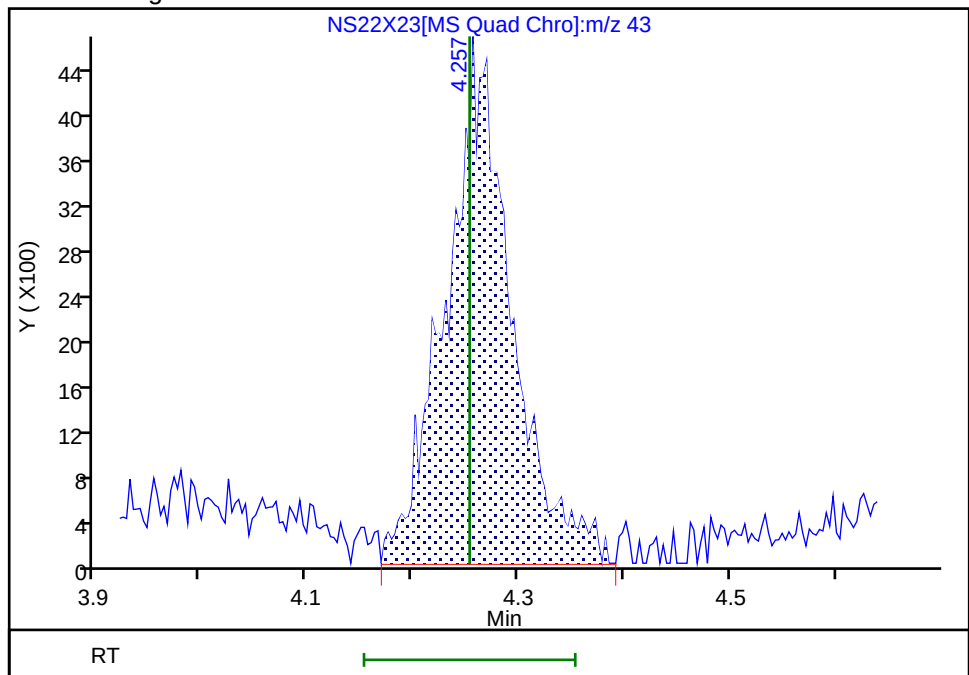
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Area: 16762
Amount: 4.048931
Amount Units: ug/l

Processing Integration Results



RT: 4.26
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Amount: 4.463093
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:18:30 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

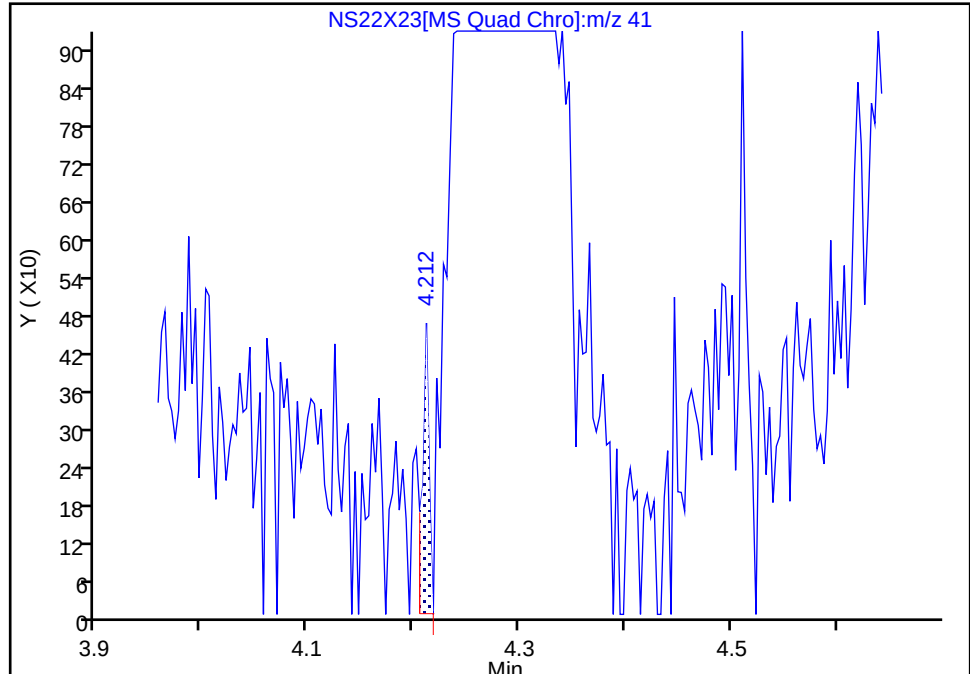
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Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

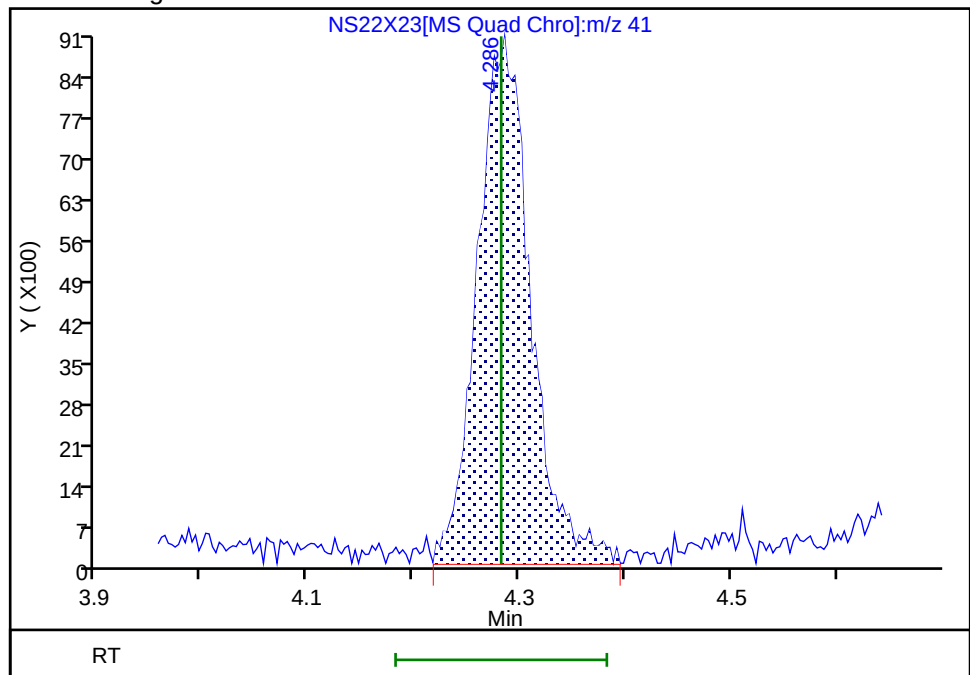
RT: 4.21
Area: 196
Amount: 0.034053
Amount Units: ug/l

Processing Integration Results



RT: 4.29
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Amount: 4.583204
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:18:36 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

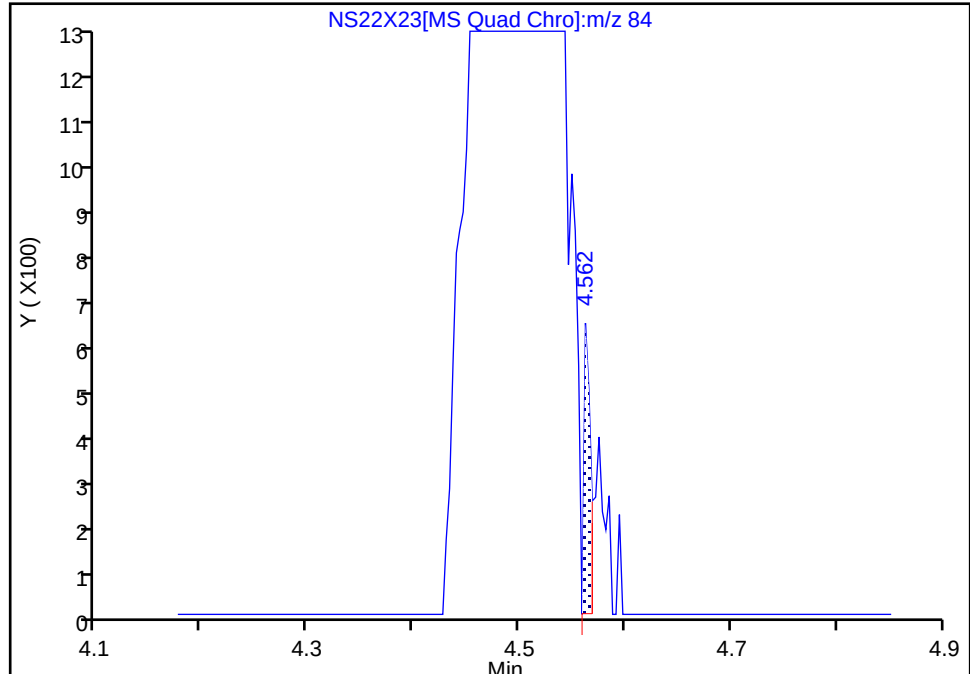
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

26 Methylene Chloride, CAS: 75-09-2

Signal: 1

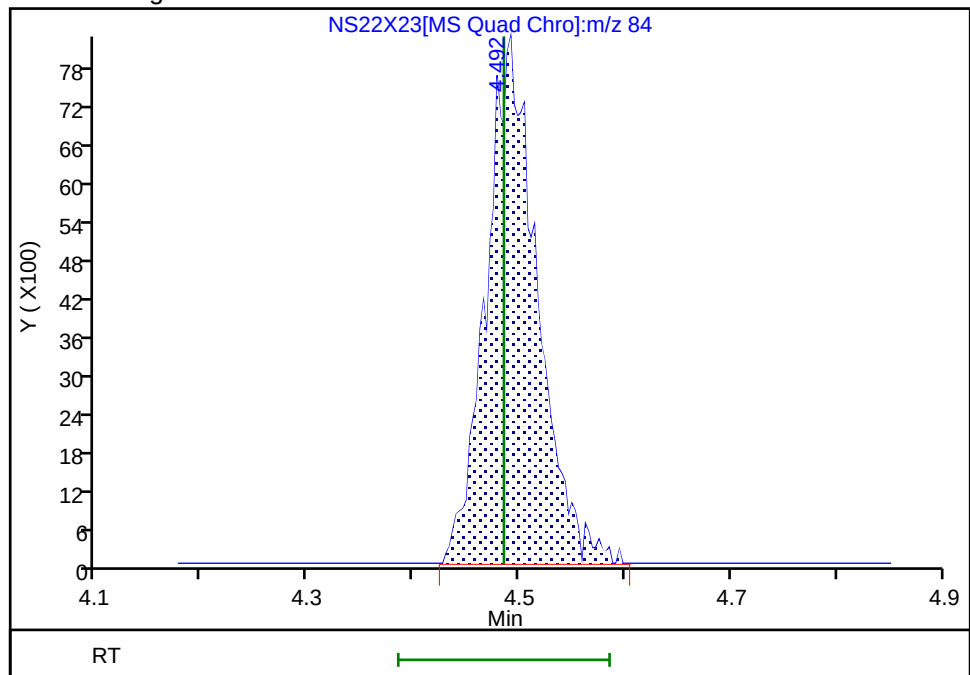
RT: 4.56
Area: 259
Amount: 0.047227
Amount Units: ug/l

Processing Integration Results



RT: 4.49
Area: 27398
Amount: 4.245543
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:31:46 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

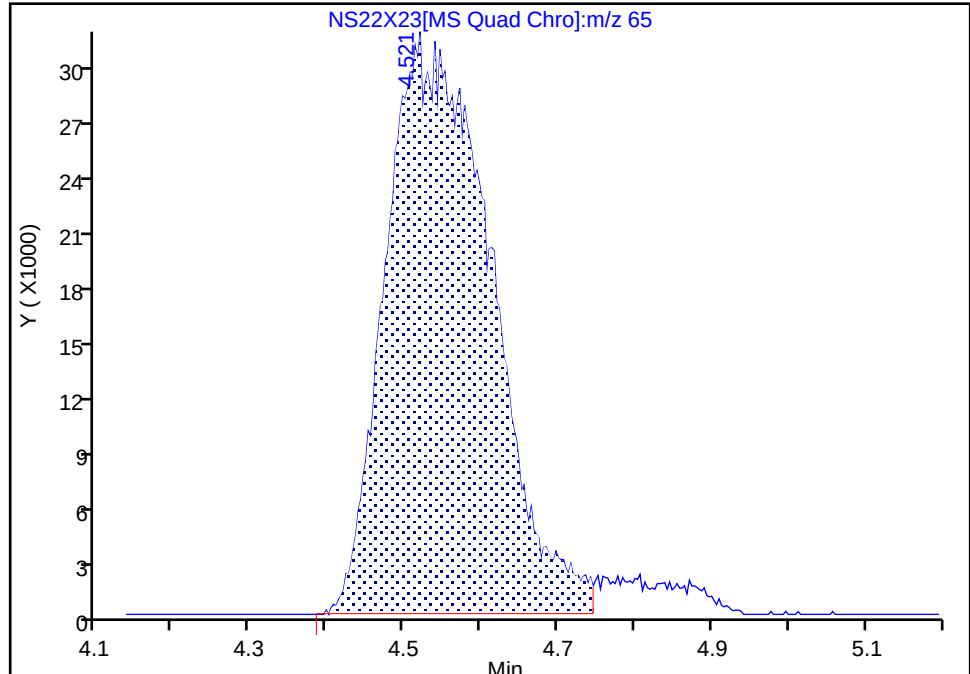
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 27 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

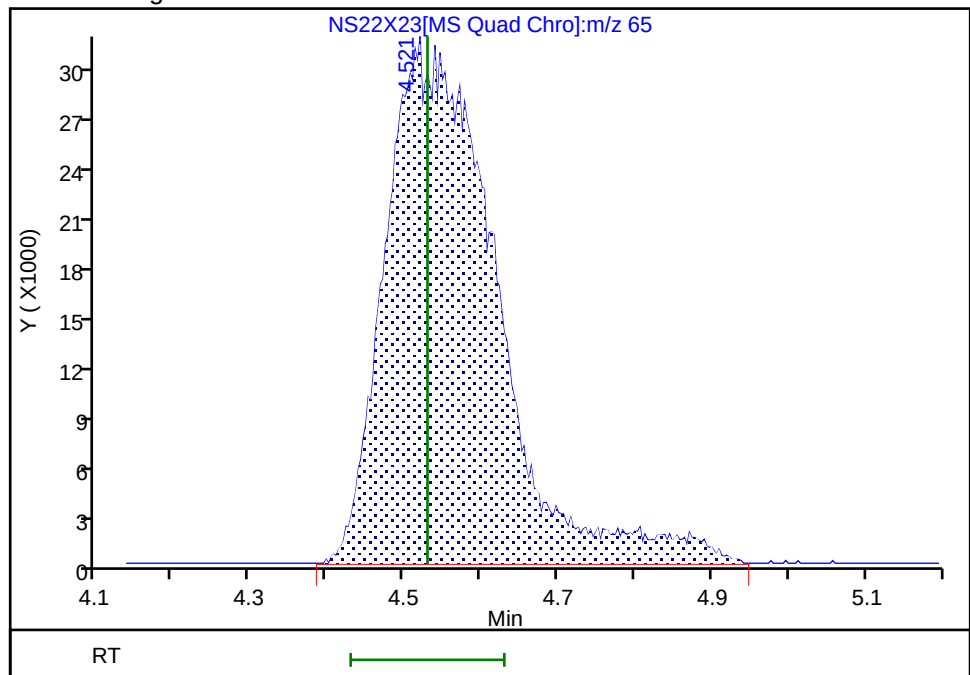
RT: 4.52
Area: 297715
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 4.52
Area: 313545
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:18:51 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

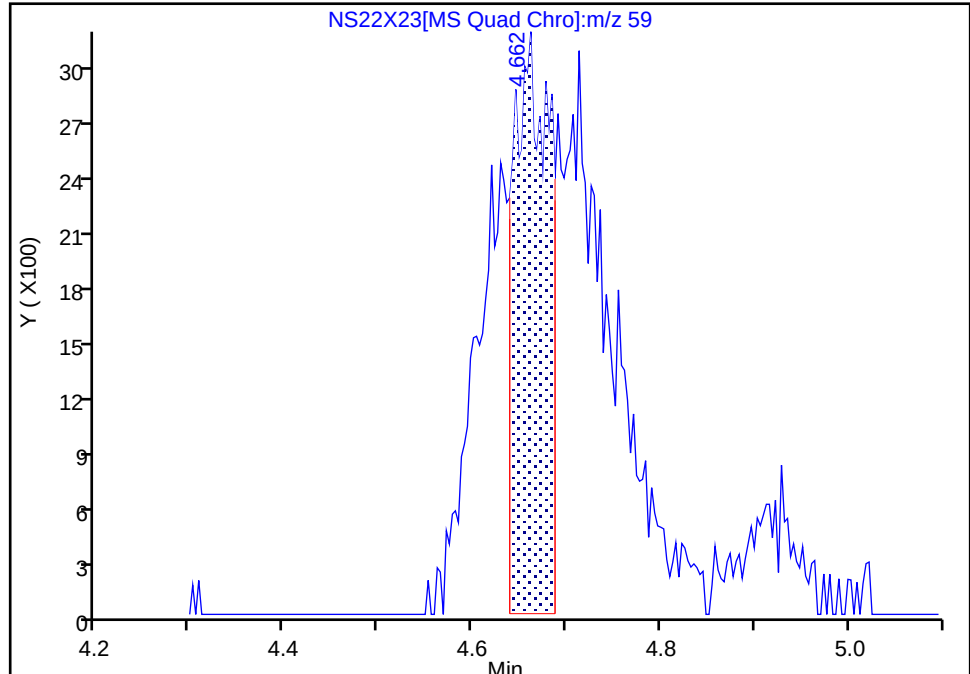
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

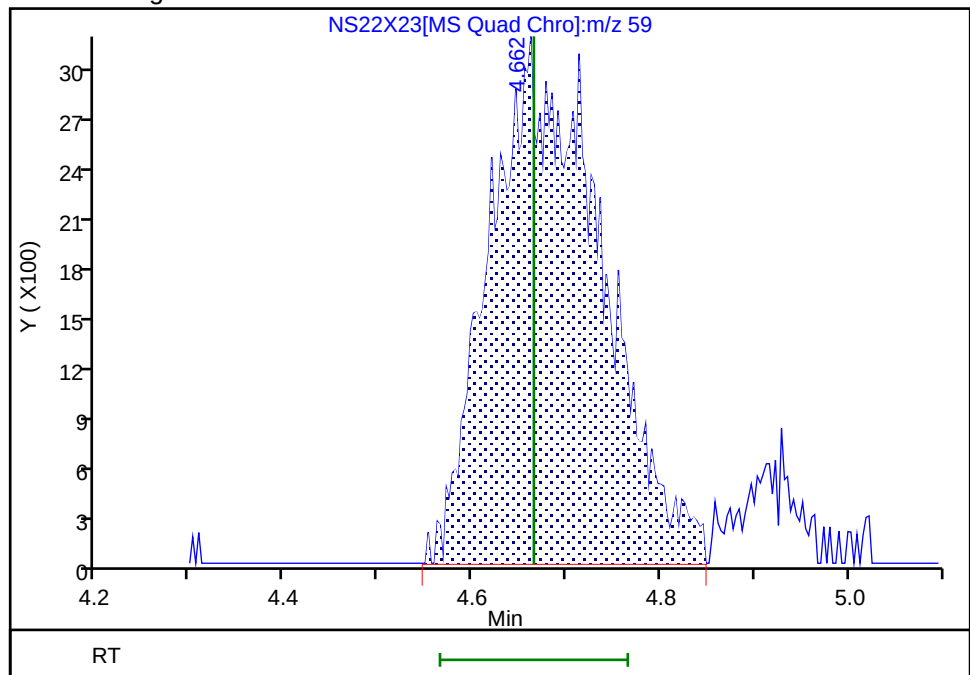
RT: 4.66
Area: 8101
Amount: 6.746672
Amount Units: ug/l

Processing Integration Results



RT: 4.66
Area: 25431
Amount: 19.200078
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:18:57 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

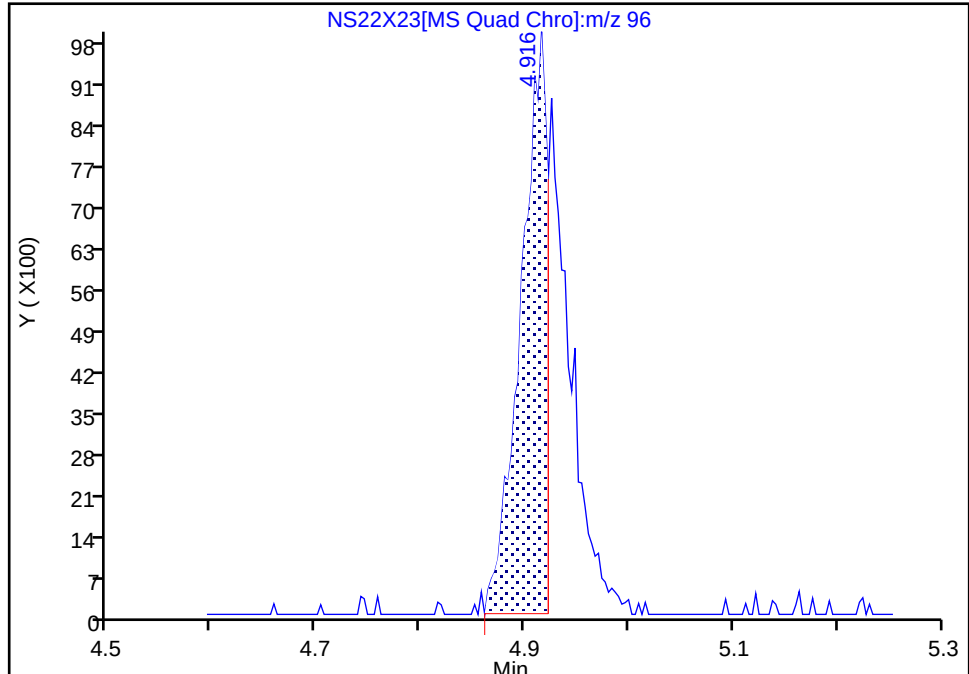
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

31 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

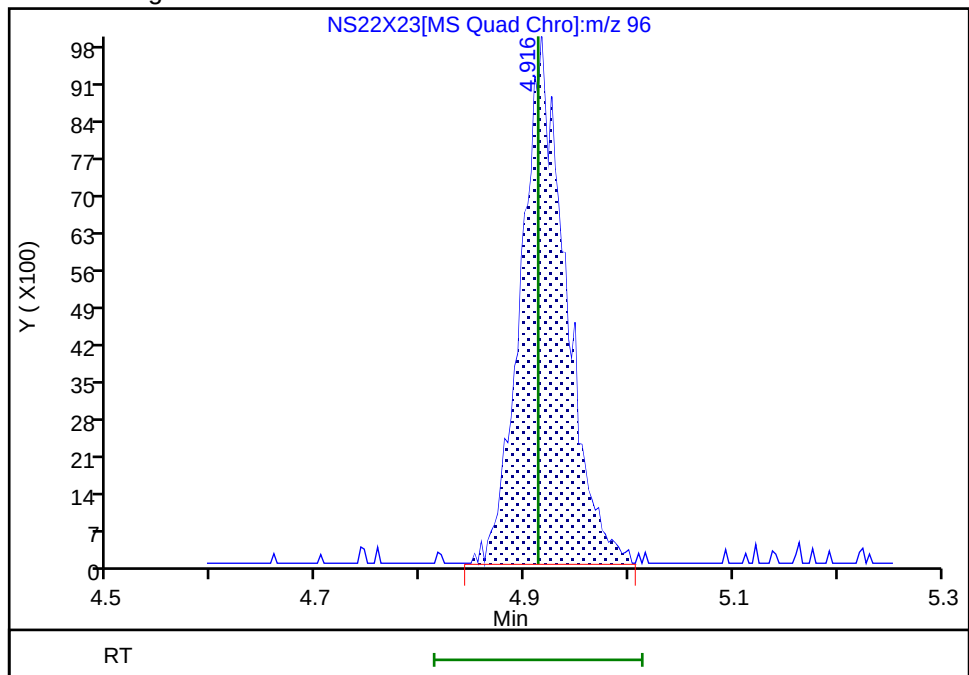
RT: 4.92
Area: 17415
Amount: 2.829635
Amount Units: ug/l

Processing Integration Results



RT: 4.92
Area: 29475
Amount: 4.475933
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:19:04 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

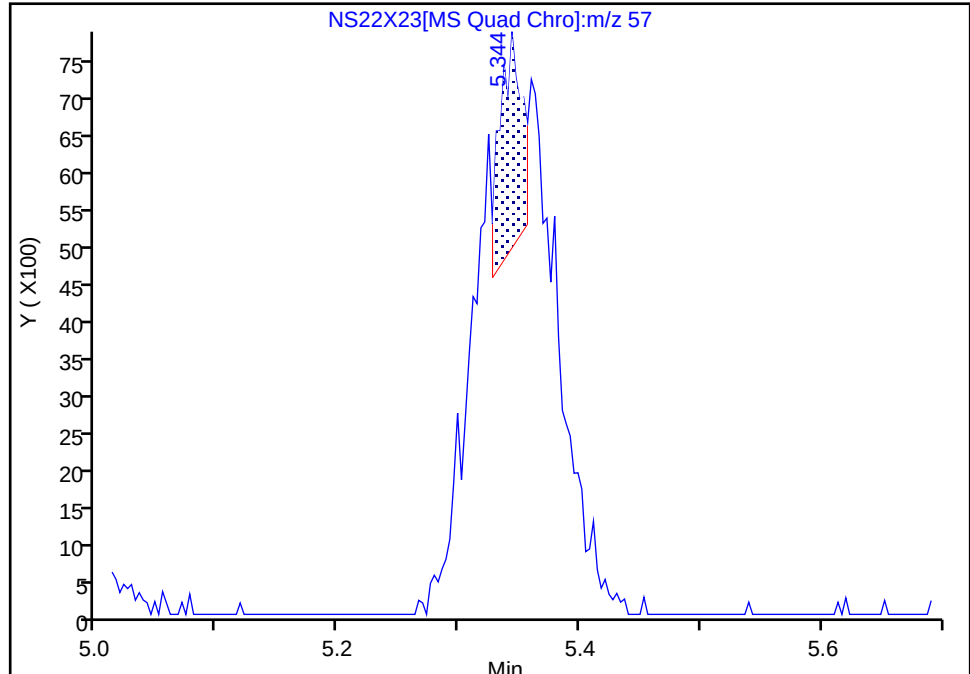
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

33 Hexane, CAS: 110-54-3

Signal: 1

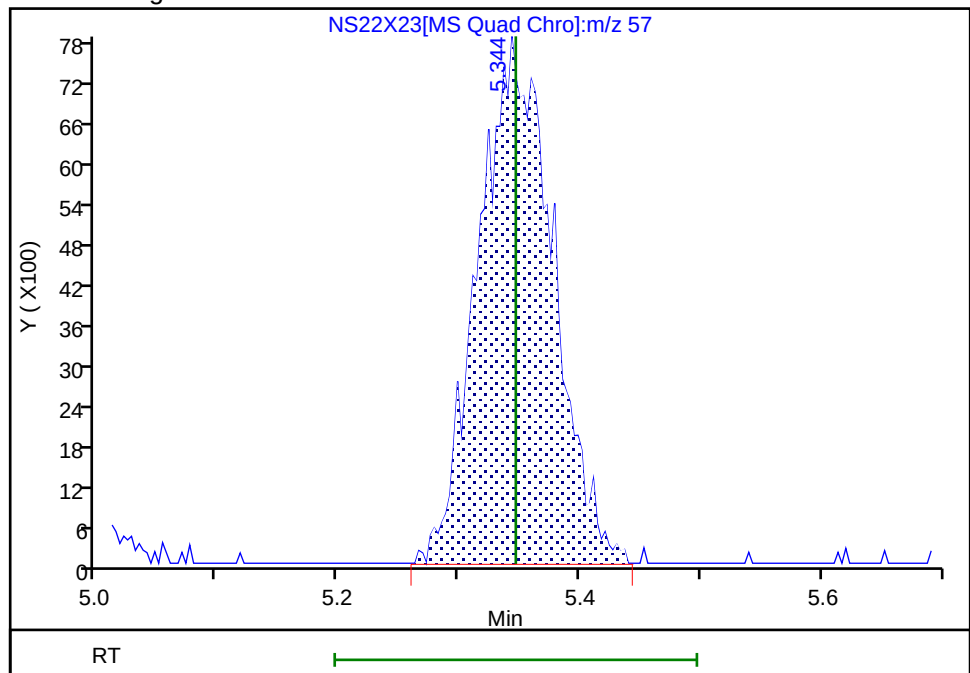
RT: 5.34
Area: 3697
Amount: 0.583453
Amount Units: ug/l

Processing Integration Results



RT: 5.34
Area: 33610
Amount: 4.521668
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:19:10 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

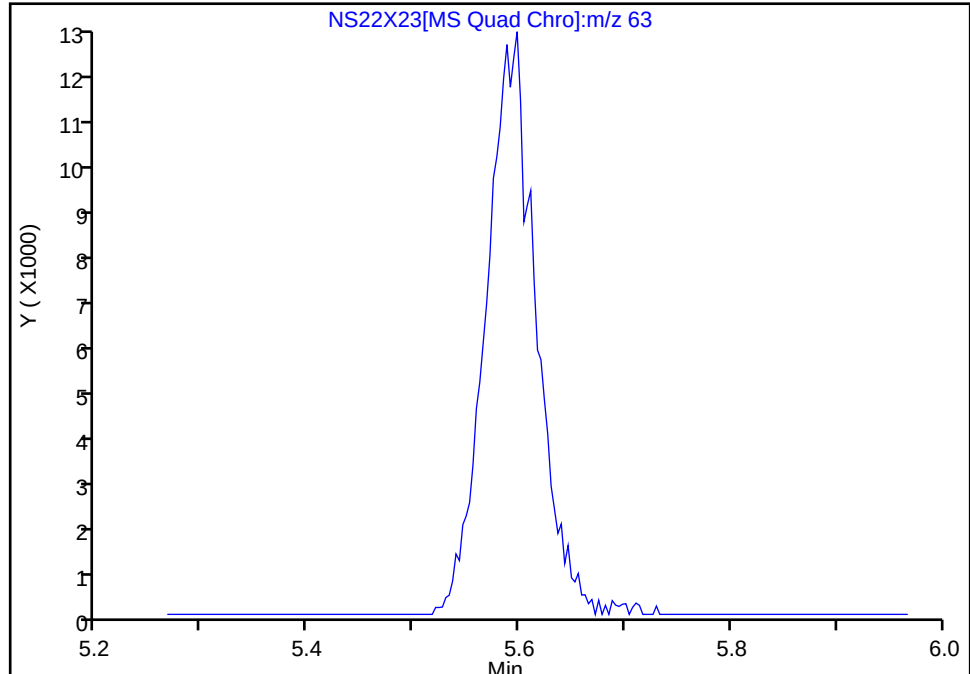
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

35 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

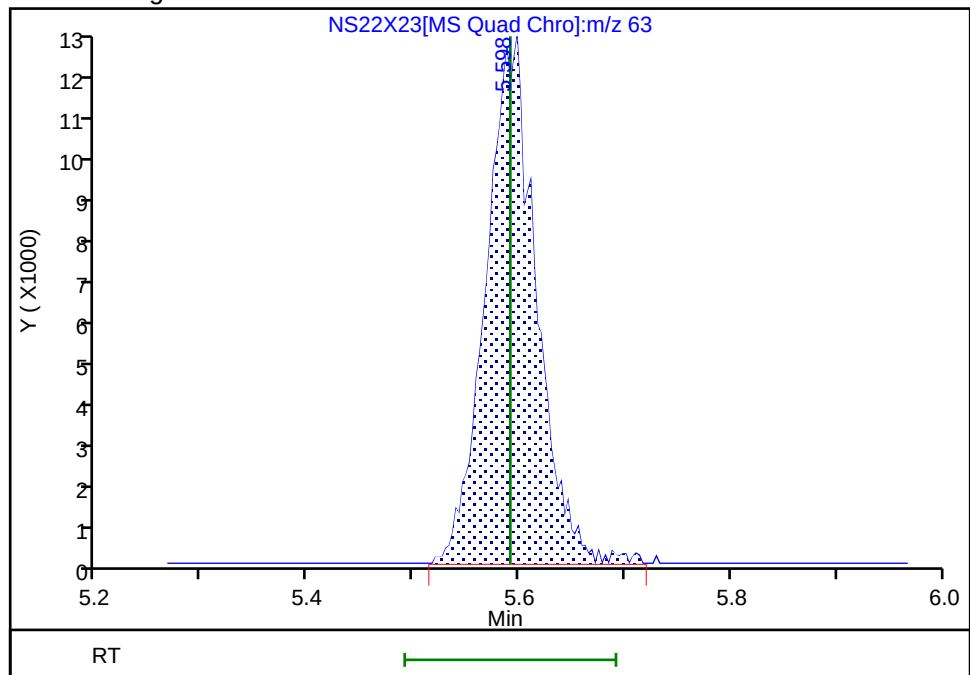
Not Detected
Expected RT: 5.59

Processing Integration Results



Manual Integration Results

RT: 5.60
Area: 42571
Amount: 4.279142
Amount Units: ug/l



Reviewer: JS6E, 23-Sep-2025 04:19:14 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

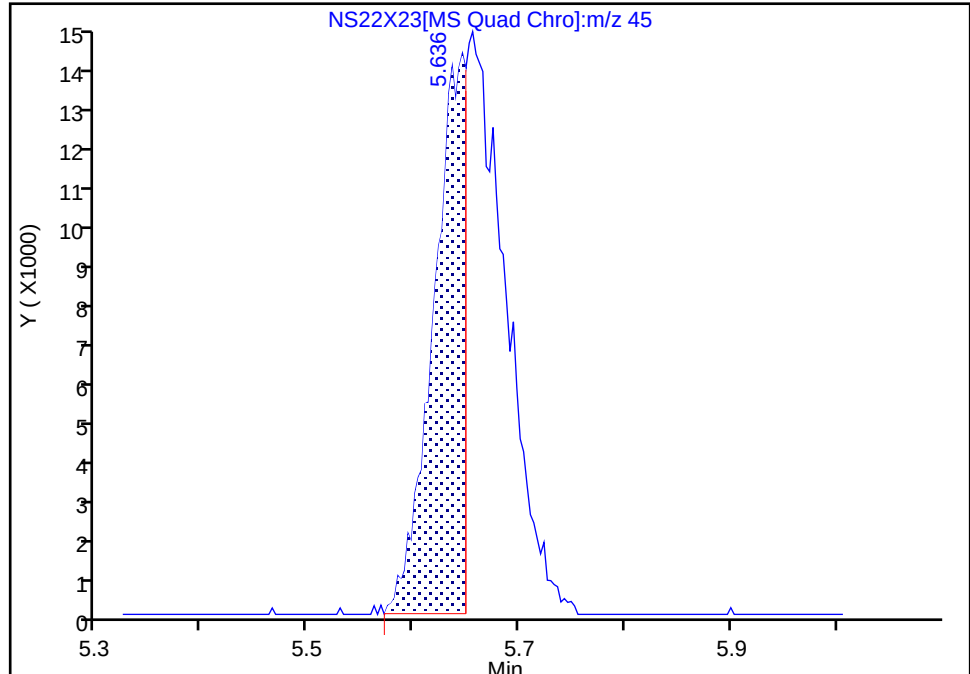
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Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

36 Isopropyl ether, CAS: 108-20-3

Signal: 1

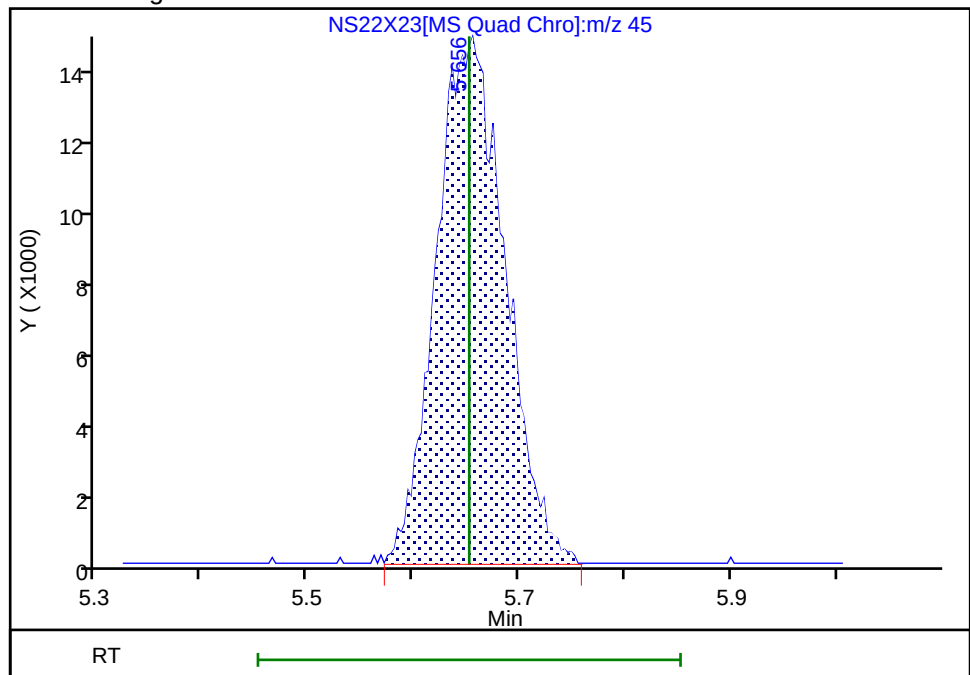
RT: 5.64
Area: 29258
Amount: 1.977113
Amount Units: ug/l

Processing Integration Results



RT: 5.66
Area: 64691
Amount: 4.027128
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:19:19 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

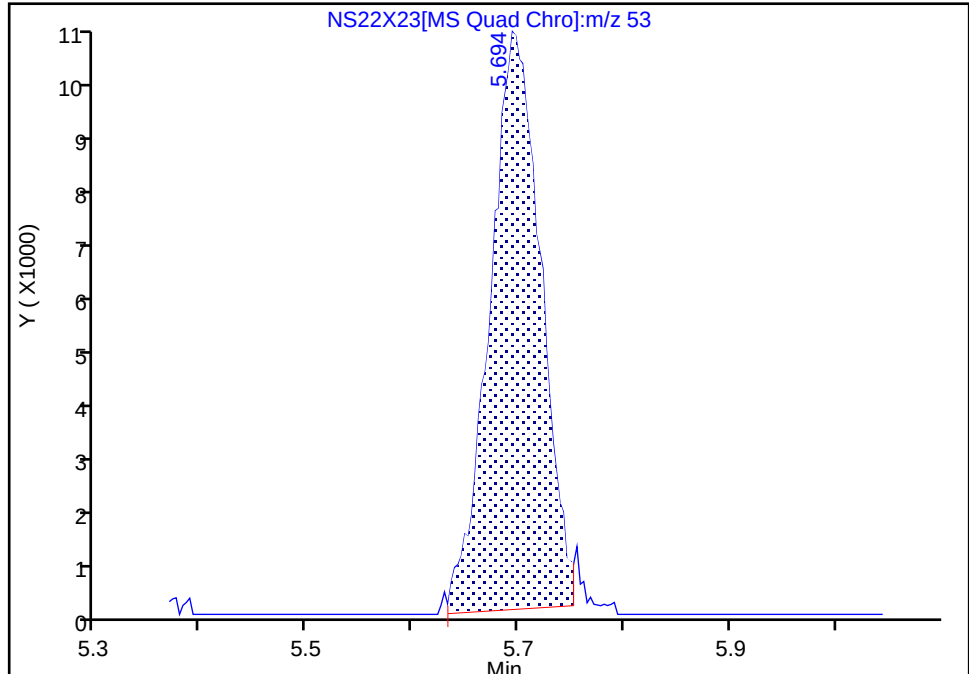
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

37 2-Chloro-1,3-butadiene, CAS: 126-99-8

Signal: 1

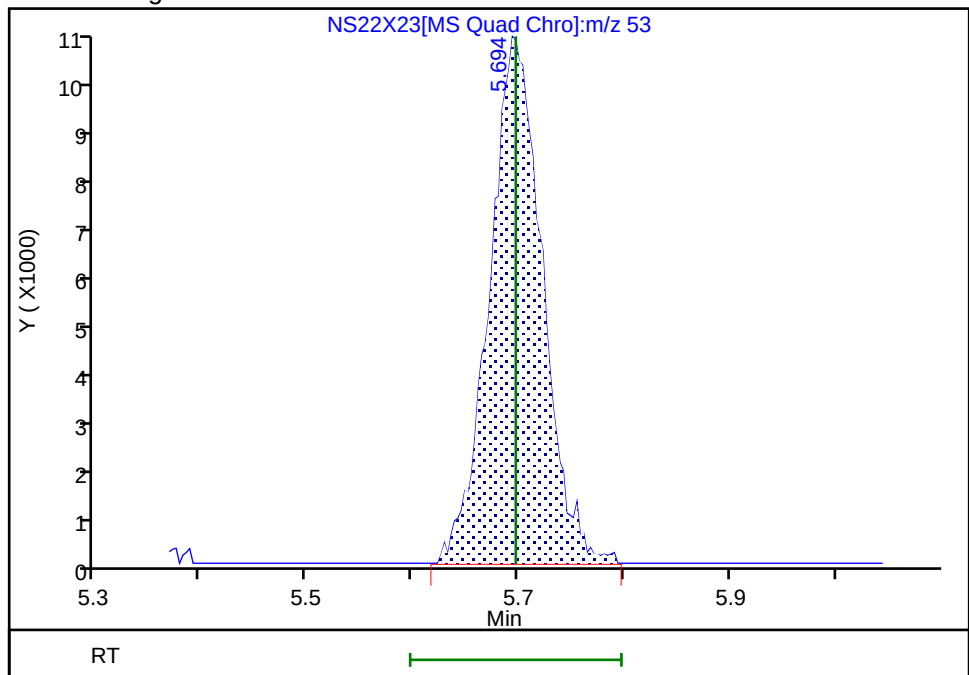
RT: 5.69
Area: 33914
Amount: 4.100188
Amount Units: ug/l

Processing Integration Results



RT: 5.69
Area: 35471
Amount: 4.259790
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:19:25 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

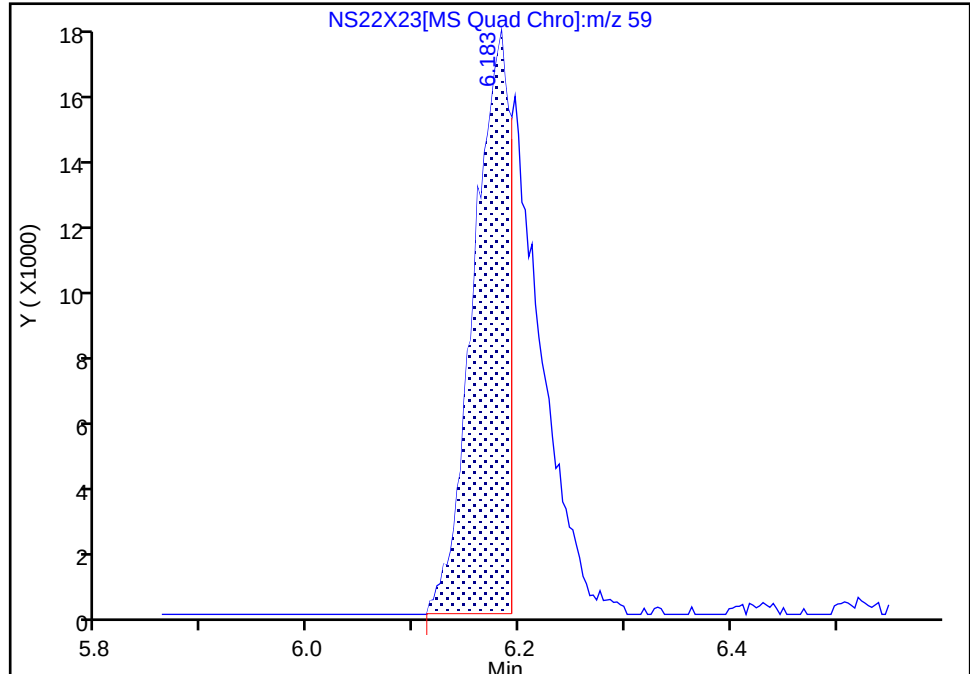
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

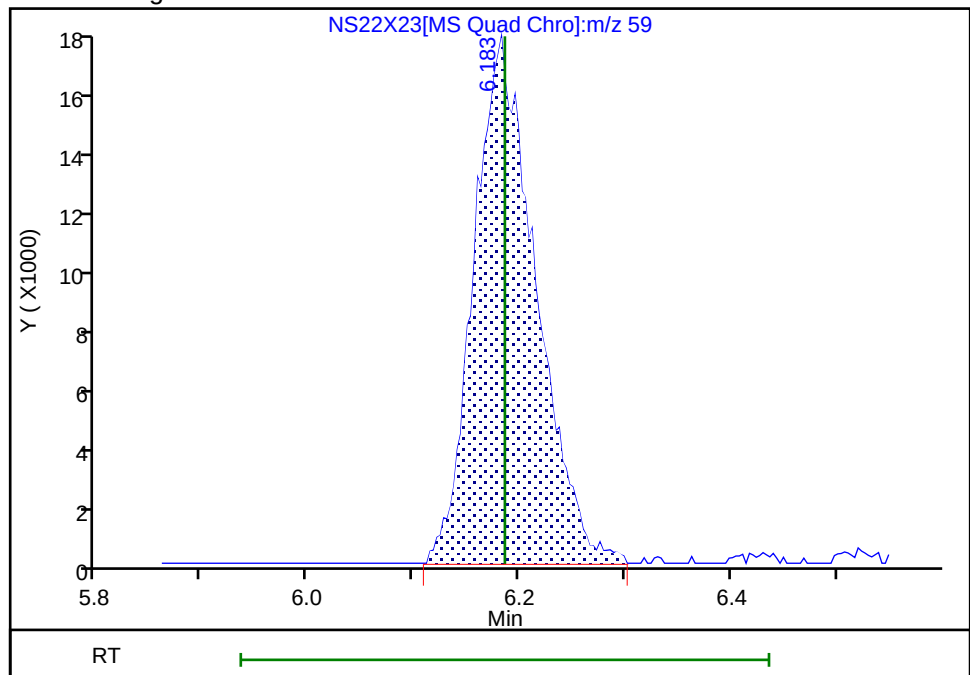
RT: 6.18
Area: 41838
Amount: 2.498276
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 71137
Amount: 3.980794
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:19:30 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

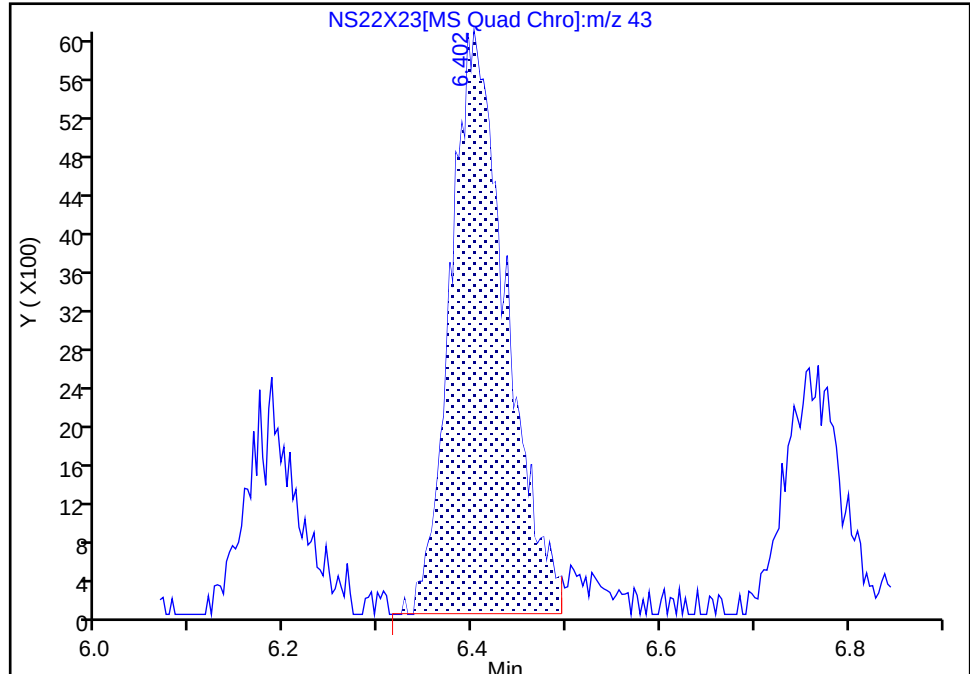
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

40 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

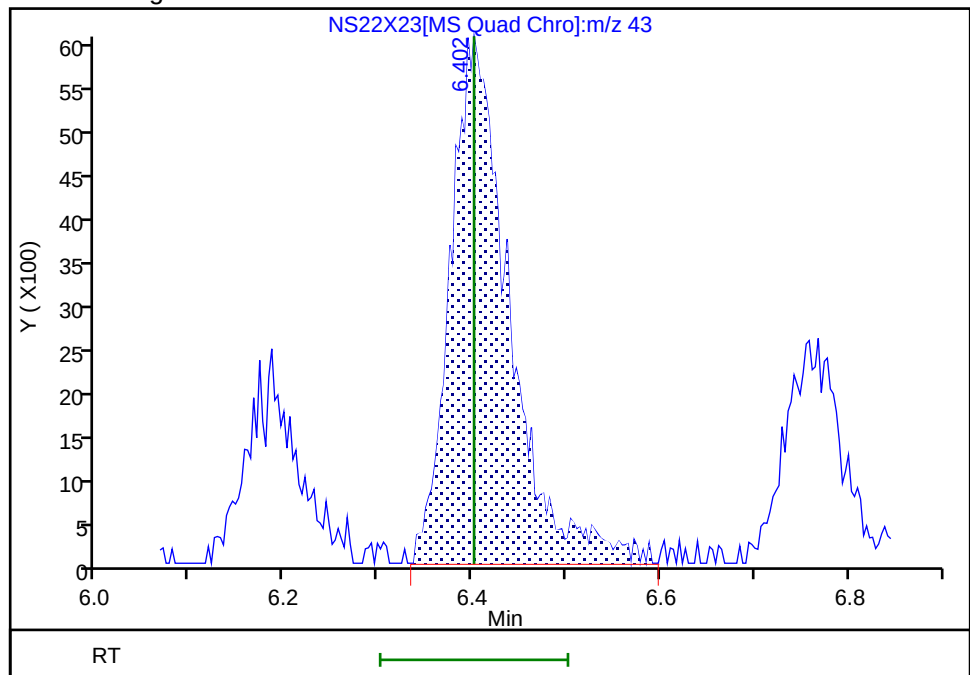
RT: 6.40
Area: 24681
Amount: 7.137682
Amount Units: ug/l

Processing Integration Results



RT: 6.40
Area: 26088
Amount: 8.173253
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:19:54 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

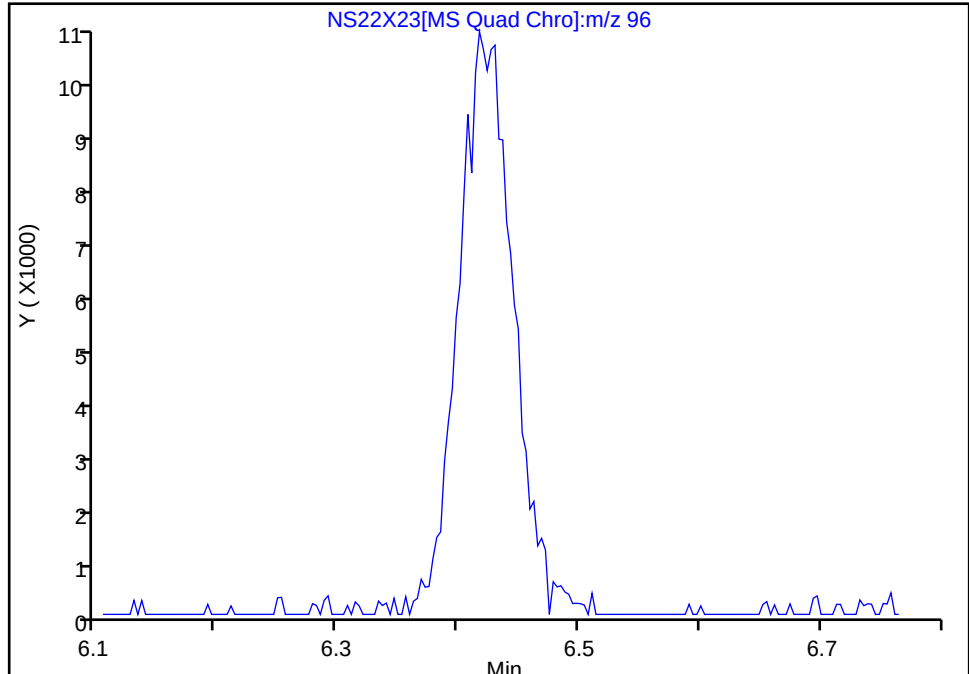
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

41 cis-1,2-Dichloroethene, CAS: 156-59-2

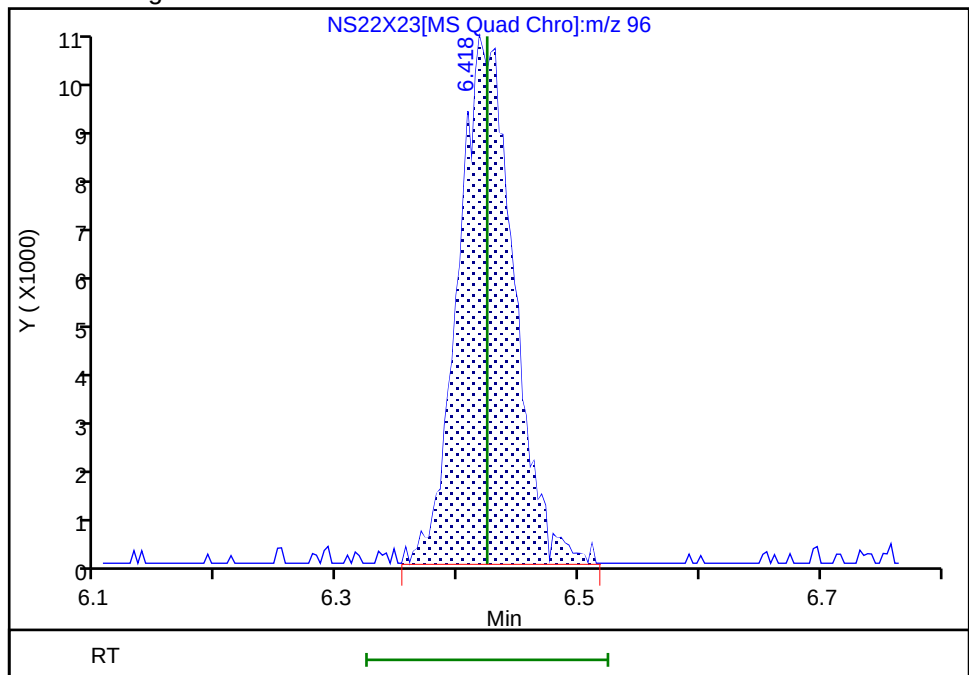
Signal: 1

Not Detected
Expected RT: 6.42

Processing Integration Results



Manual Integration Results



RT: 6.42
Area: 33033
Amount: 4.369790
Amount Units: ug/l

Reviewer: JS6E, 23-Sep-2025 04:20:00 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

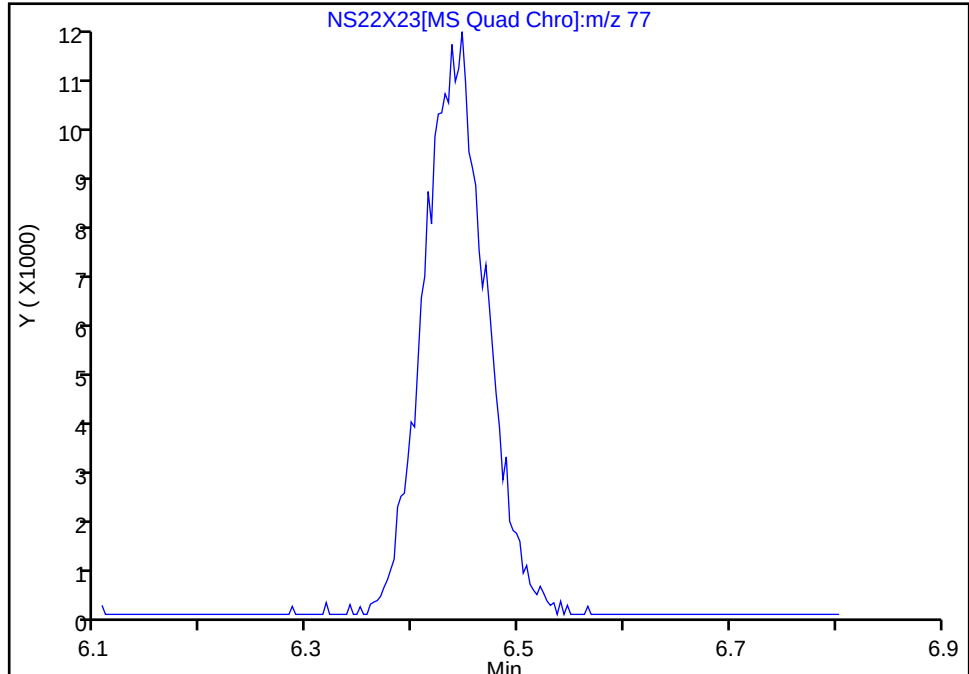
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

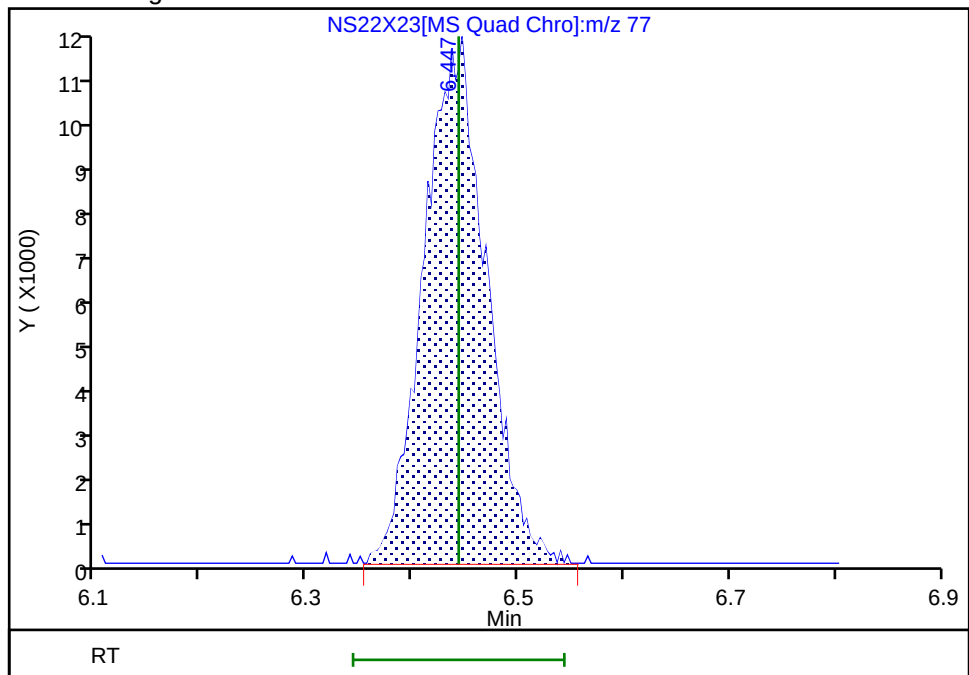
Not Detected
Expected RT: 6.44

Processing Integration Results



Manual Integration Results

RT: 6.45
Area: 48062
Amount: 4.303684
Amount Units: ug/l



Reviewer: JS6E, 23-Sep-2025 04:20:06 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

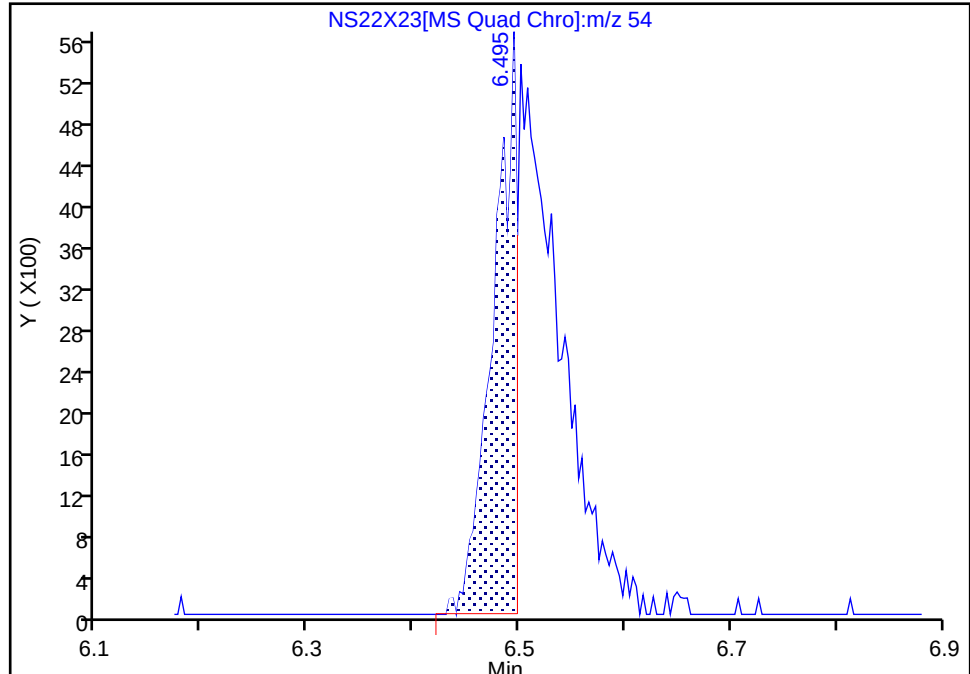
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

44 Propionitrile, CAS: 107-12-0

Signal: 1

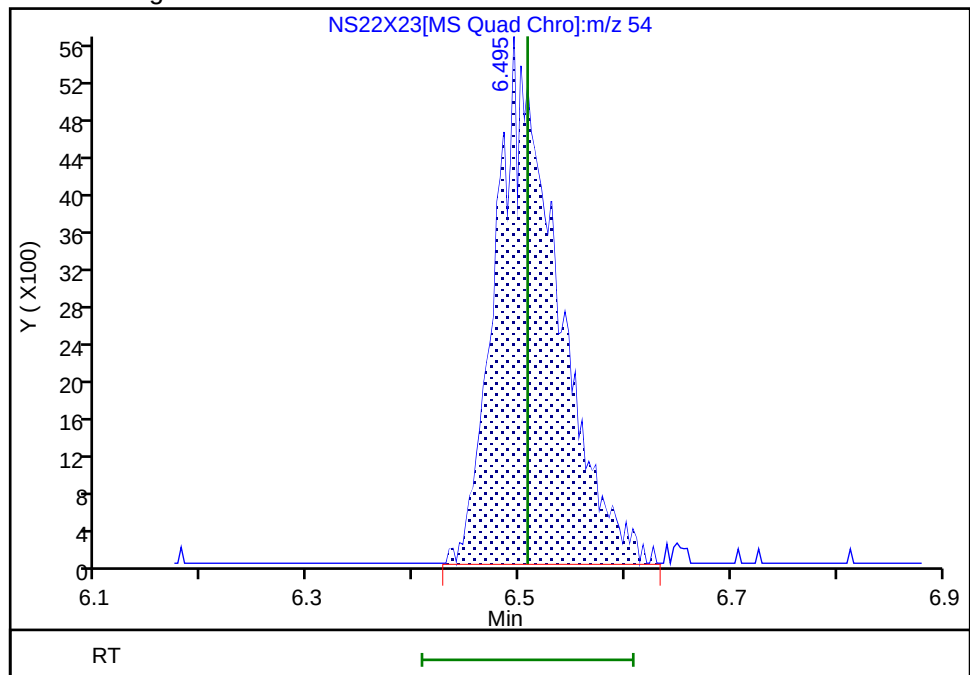
RT: 6.49
Area: 8494
Amount: 8.135478
Amount Units: ug/l

Processing Integration Results



RT: 6.49
Area: 22522
Amount: 19.682435
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:20:12 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

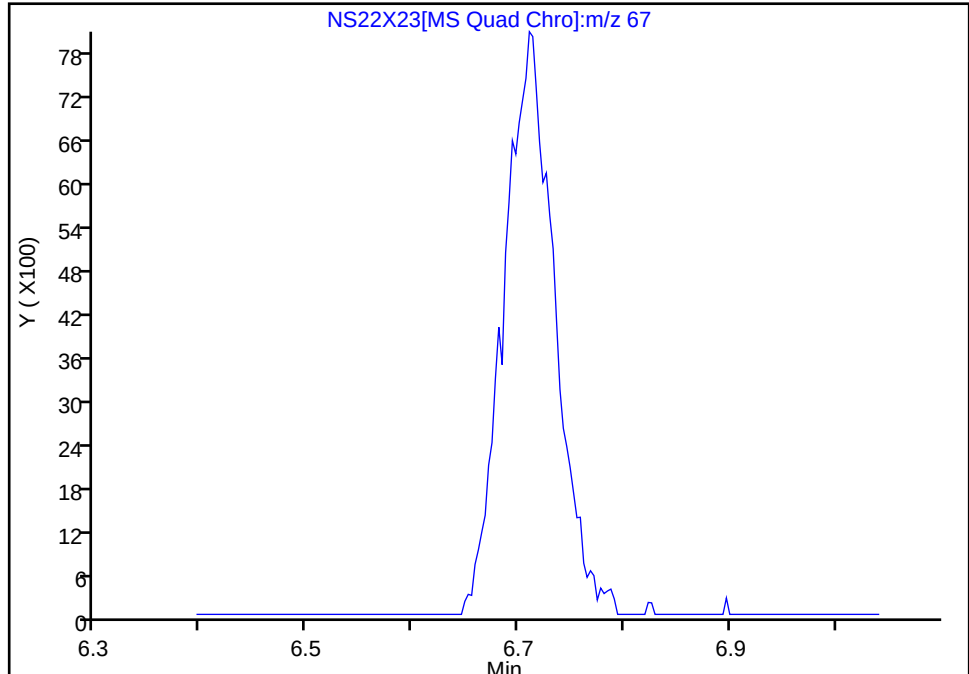
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

46 Methacrylonitrile, CAS: 126-98-7

Signal: 1

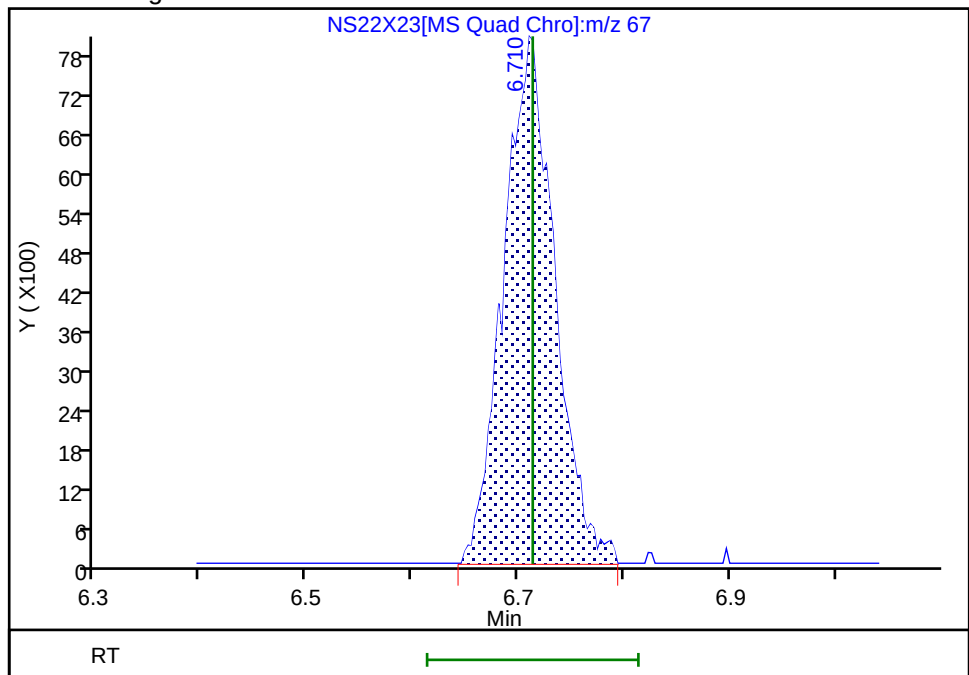
Not Detected
Expected RT: 6.71

Processing Integration Results



Manual Integration Results

RT: 6.71
Area: 26813
Amount: 9.887486
Amount Units: ug/l



Reviewer: JS6E, 23-Sep-2025 04:20:17 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

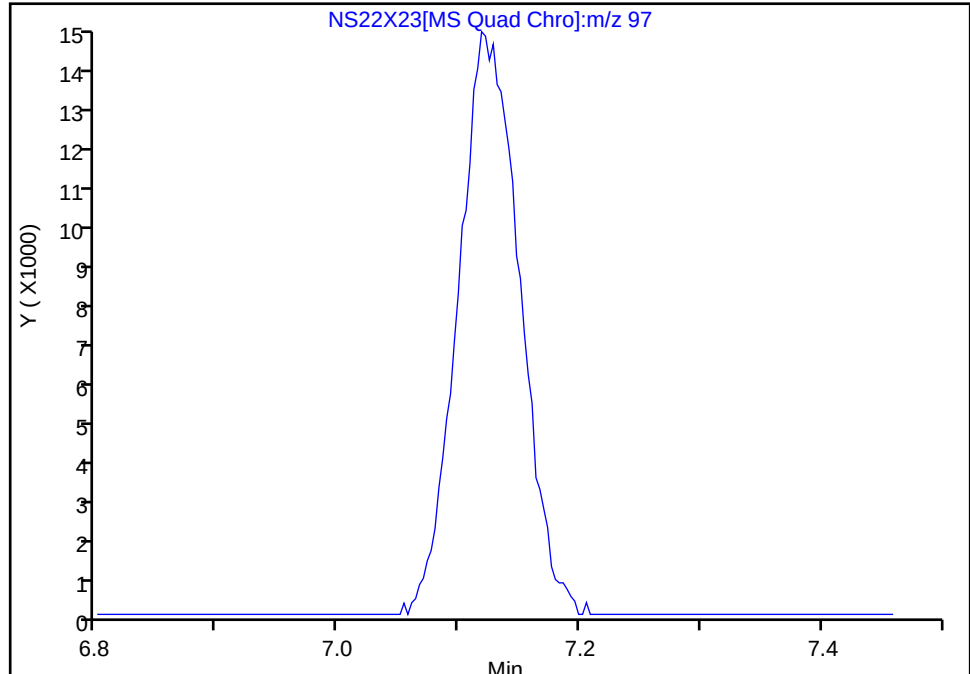
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

51 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

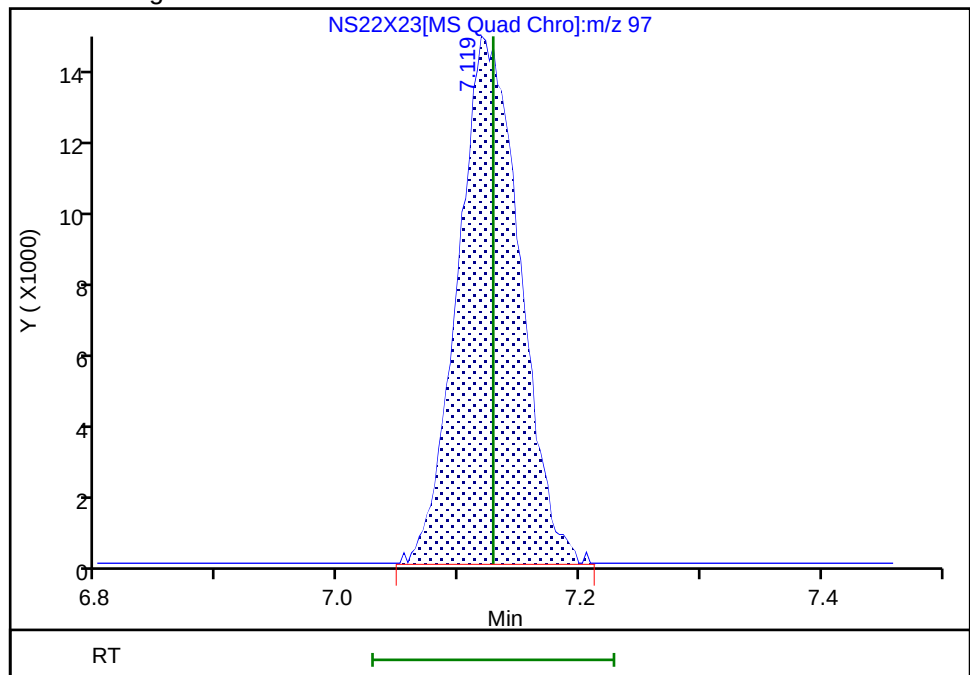
Not Detected
Expected RT: 7.13

Processing Integration Results



RT: 7.12
Area: 53334
Amount: 4.218648
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:20:23 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

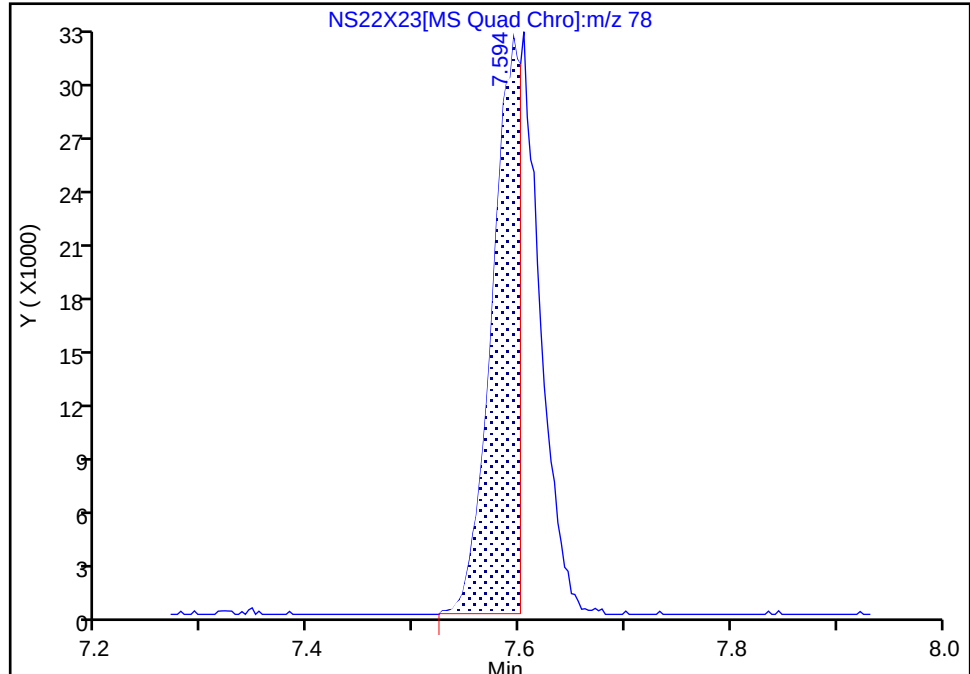
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

57 Benzene, CAS: 71-43-2

Signal: 1

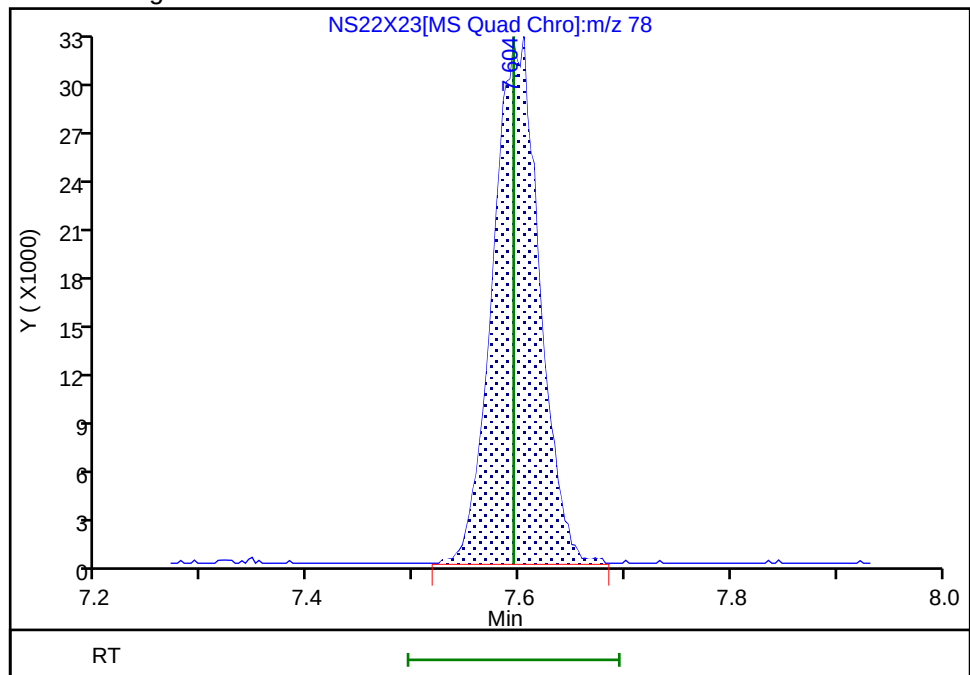
RT: 7.59
Area: 59903
Amount: 2.802389
Amount Units: ug/l

Processing Integration Results



RT: 7.60
Area: 99455
Amount: 4.088697
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:20:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

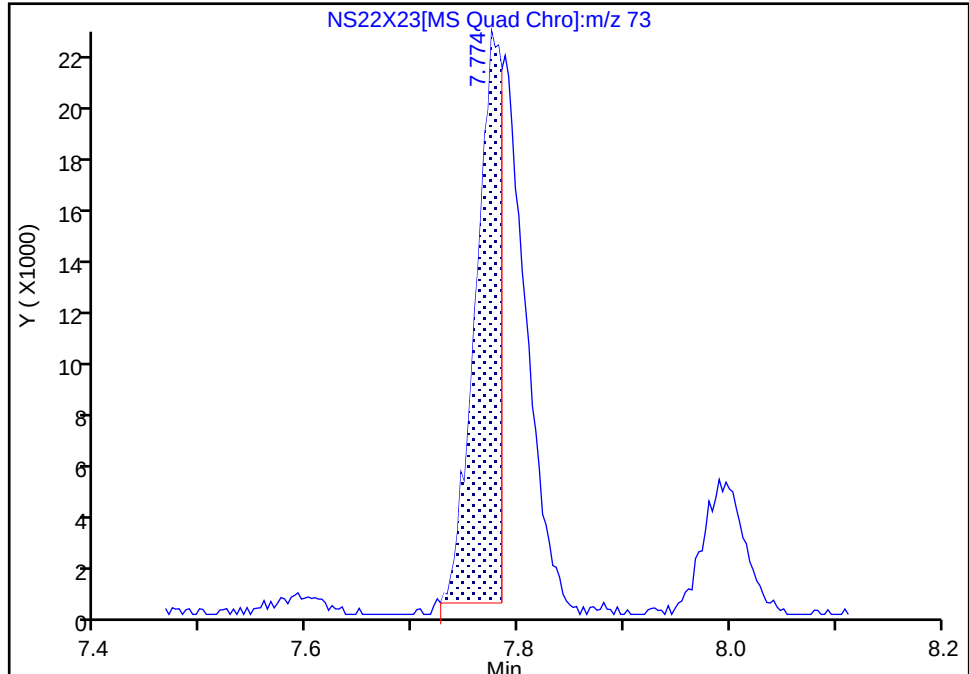
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

60 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

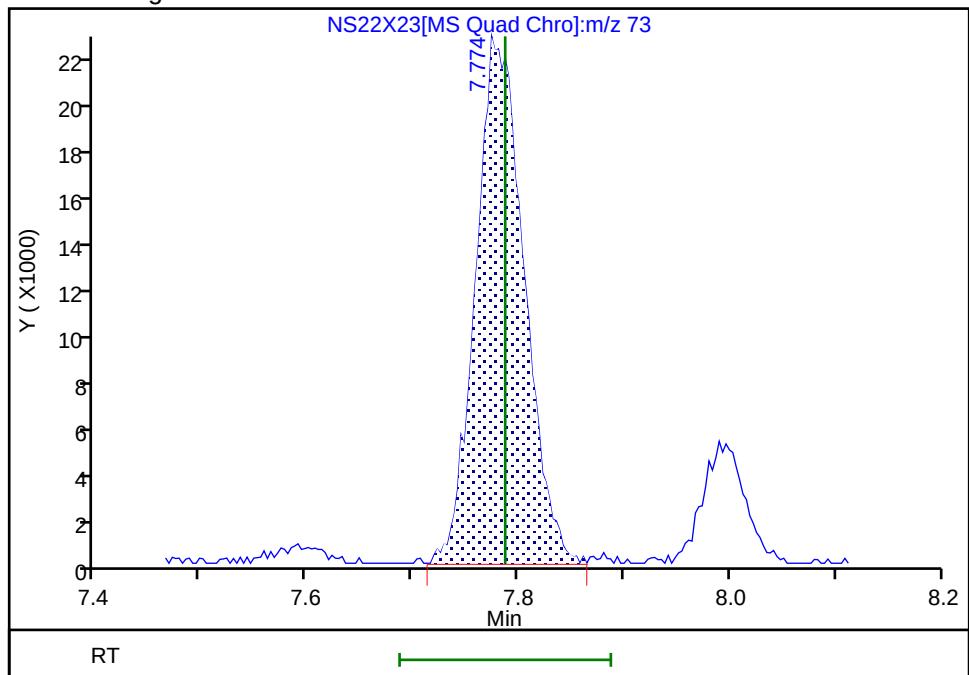
RT: 7.77
Area: 37031
Amount: 2.196305
Amount Units: ug/l

Processing Integration Results



RT: 7.77
Area: 70787
Amount: 3.918209
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:20:36 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

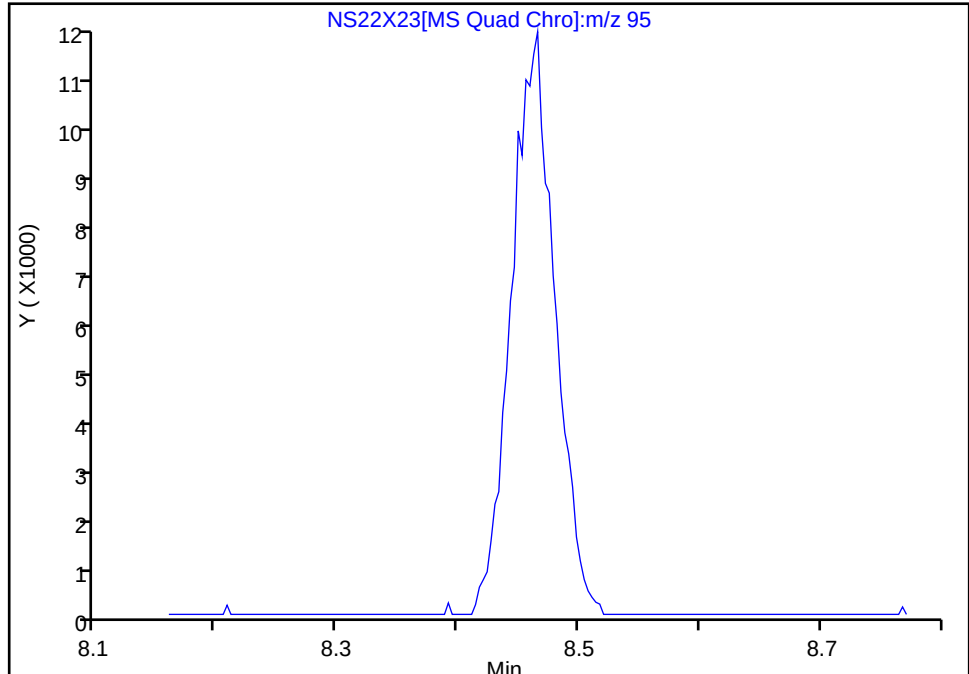
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

65 Trichloroethene, CAS: 79-01-6

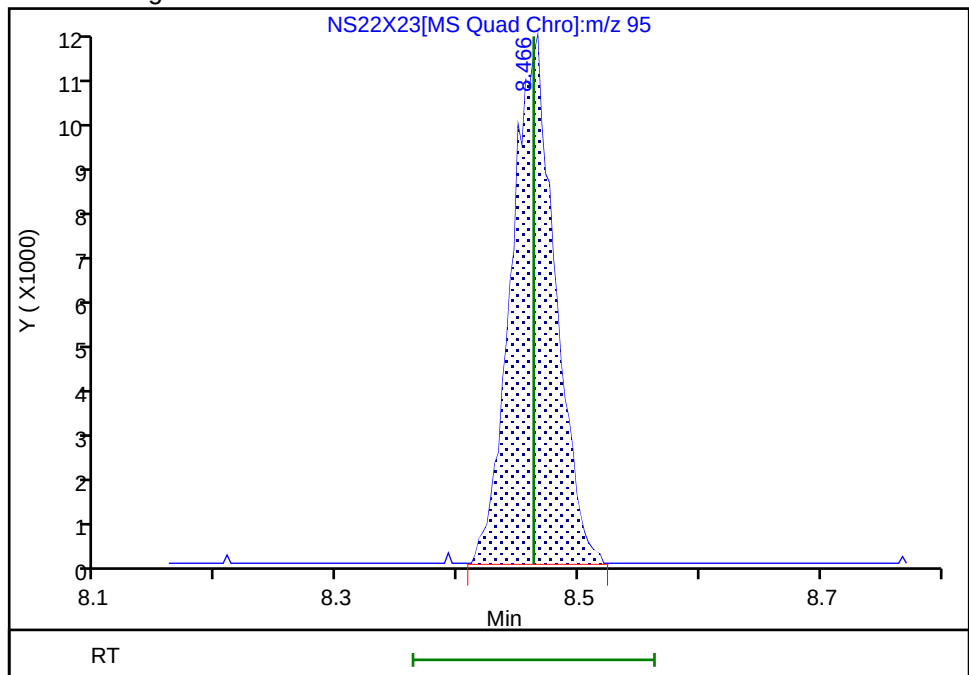
Signal: 1

Not Detected
Expected RT: 8.46

Processing Integration Results



Manual Integration Results



RT: 8.47
Area: 29850
Amount: 4.152472
Amount Units: ug/l

Reviewer: JS6E, 23-Sep-2025 04:20:42 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

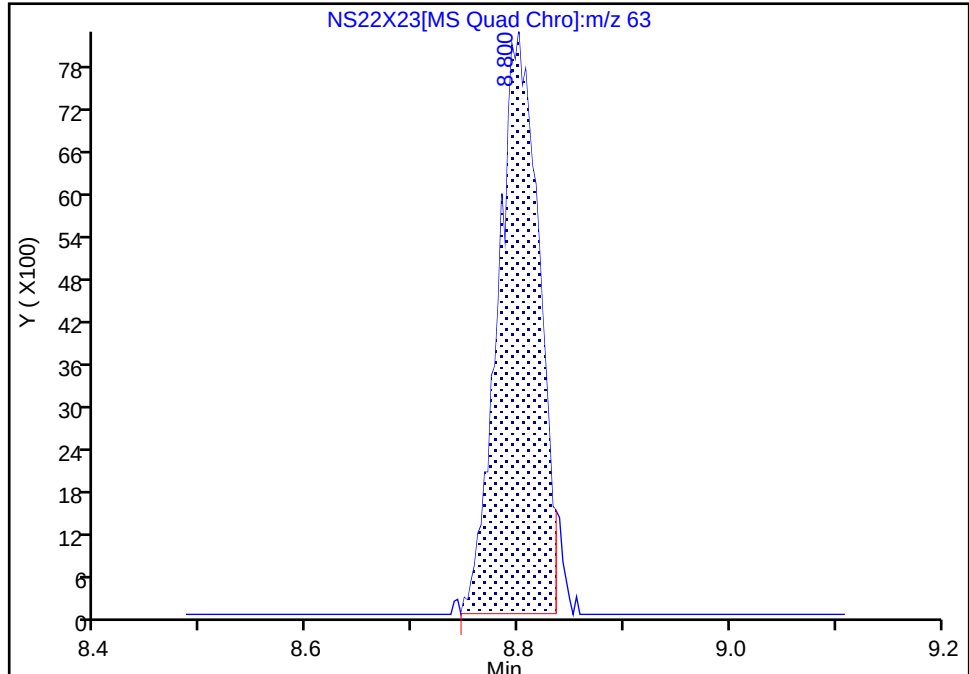
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

69 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

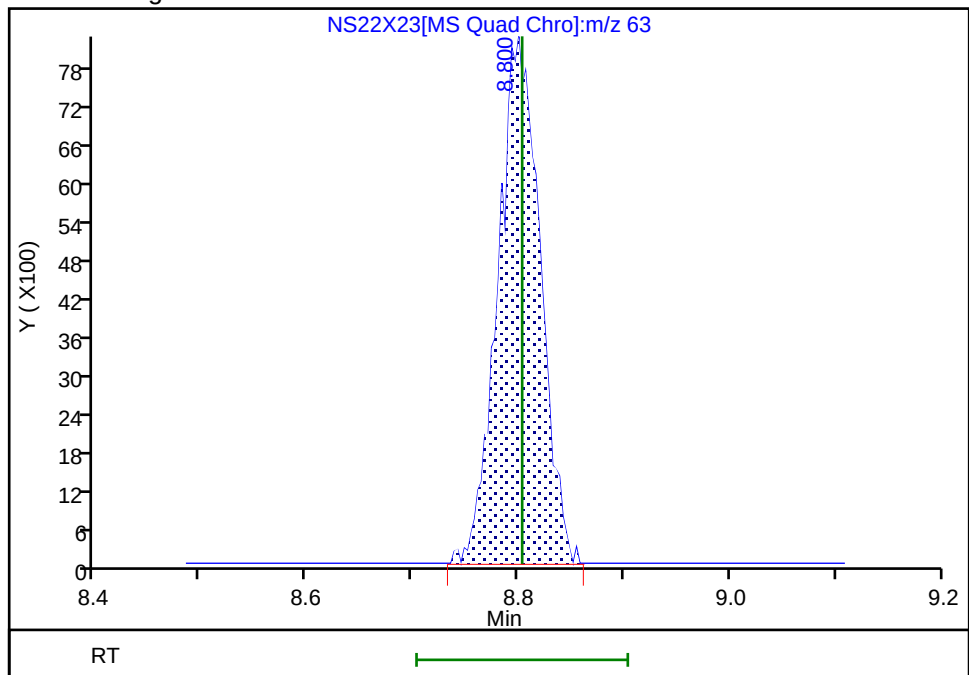
RT: 8.80
Area: 22241
Amount: 3.893469
Amount Units: ug/l

Processing Integration Results



RT: 8.80
Area: 22909
Amount: 3.993728
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:20:51 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

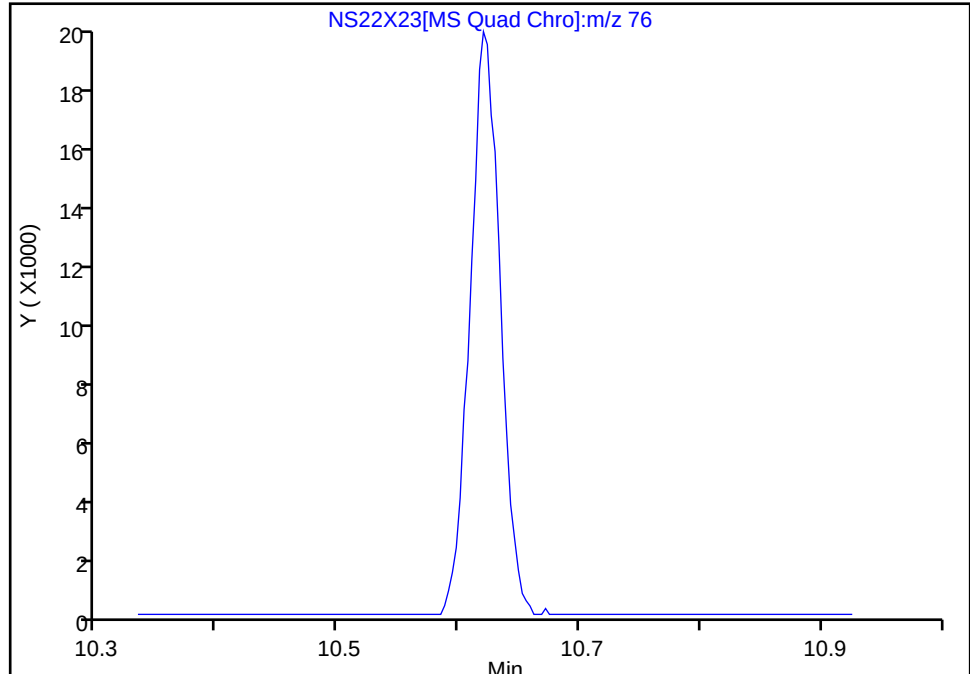
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

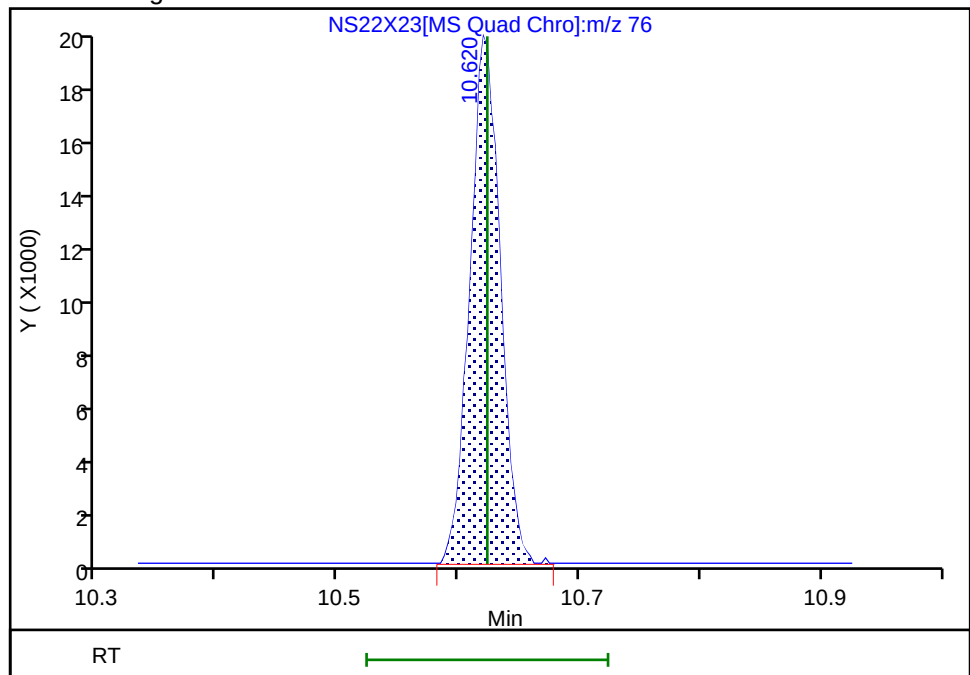
124 1,3-Dichloropropane, CAS: 142-28-9
Signal: 1

Not Detected
Expected RT: 10.62

Processing Integration Results



Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:21:00 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

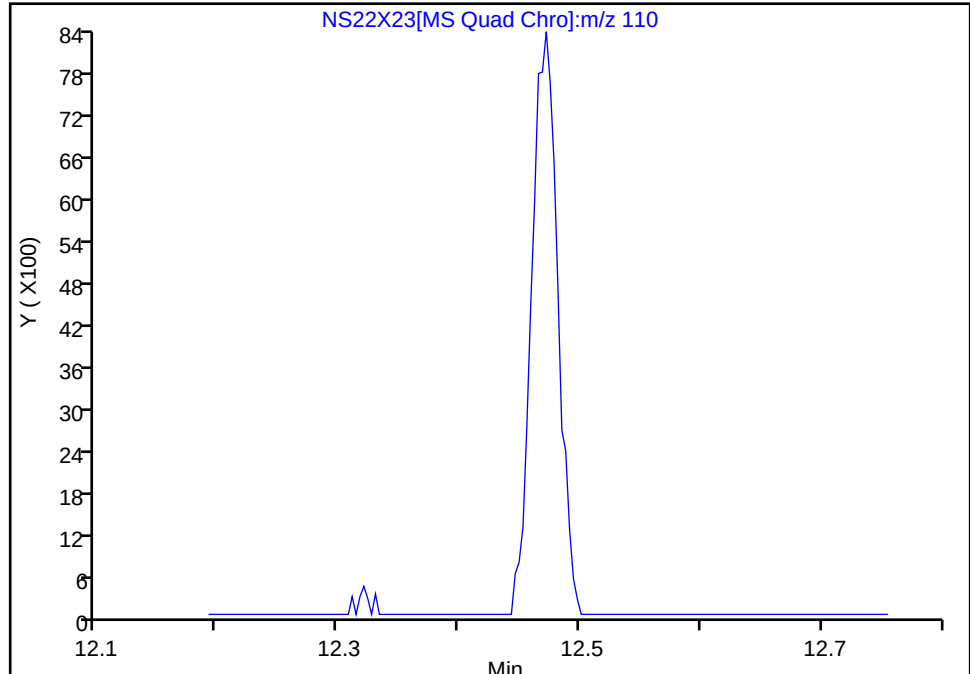
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

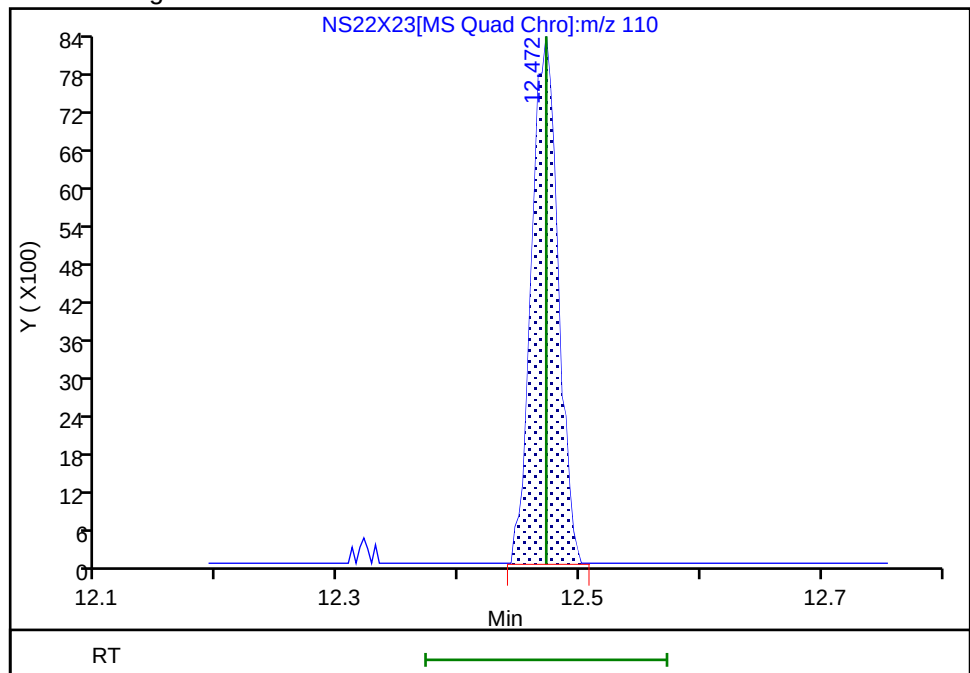
148 1,2,3-Trichloropropane, CAS: 96-18-4
Signal: 1

Not Detected
Expected RT: 12.47

Processing Integration Results



Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:21:10 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

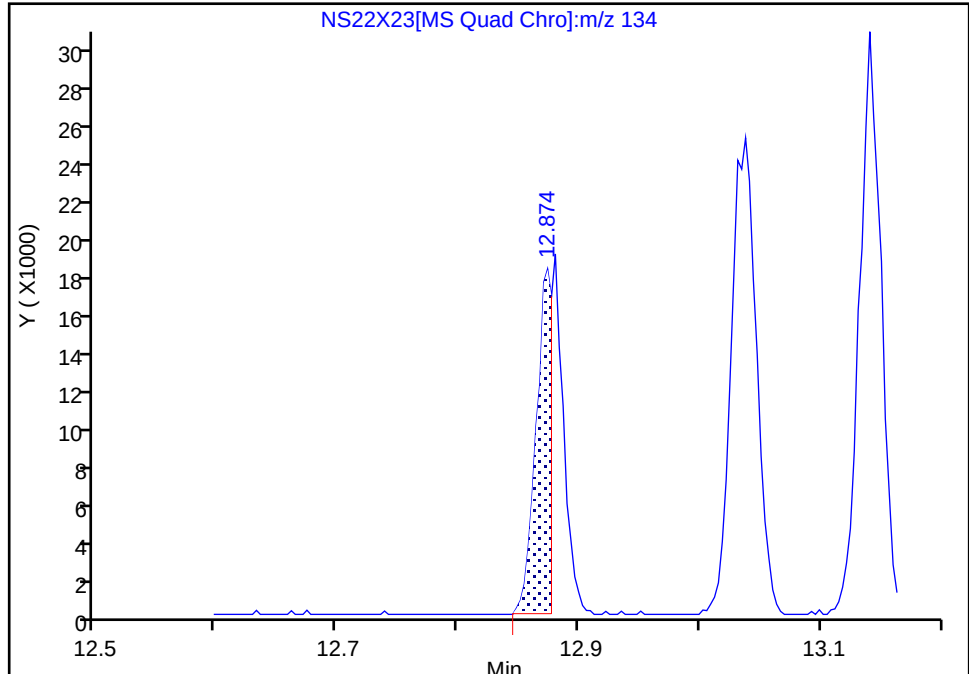
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

154 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

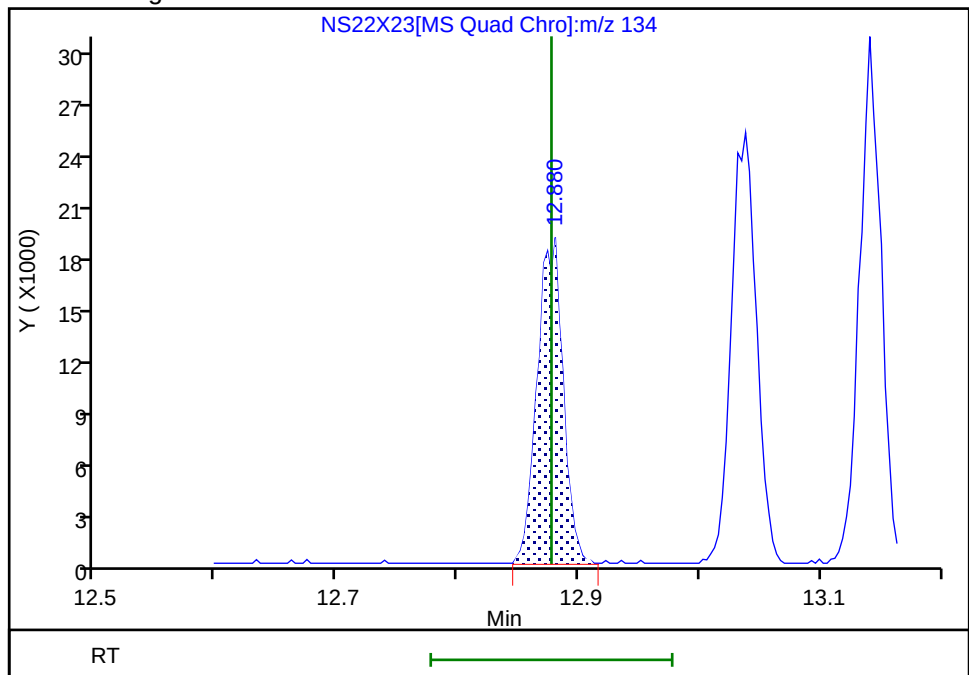
RT: 12.87
Area: 16815
Amount: 2.519001
Amount Units: ug/l

Processing Integration Results



RT: 12.88
Area: 28009
Amount: 3.958841
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:21:55 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

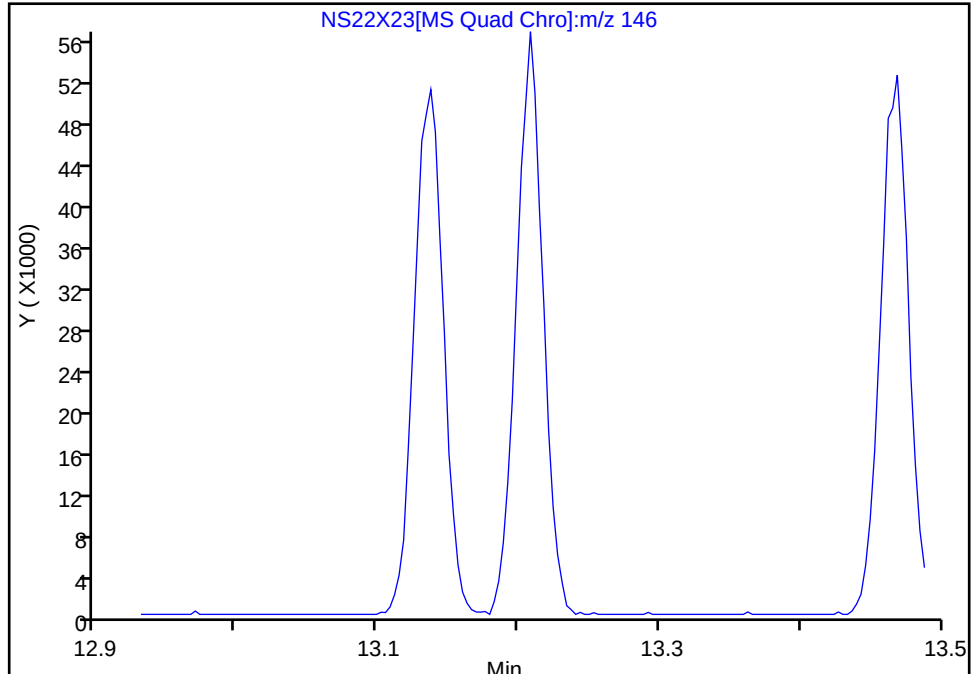
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

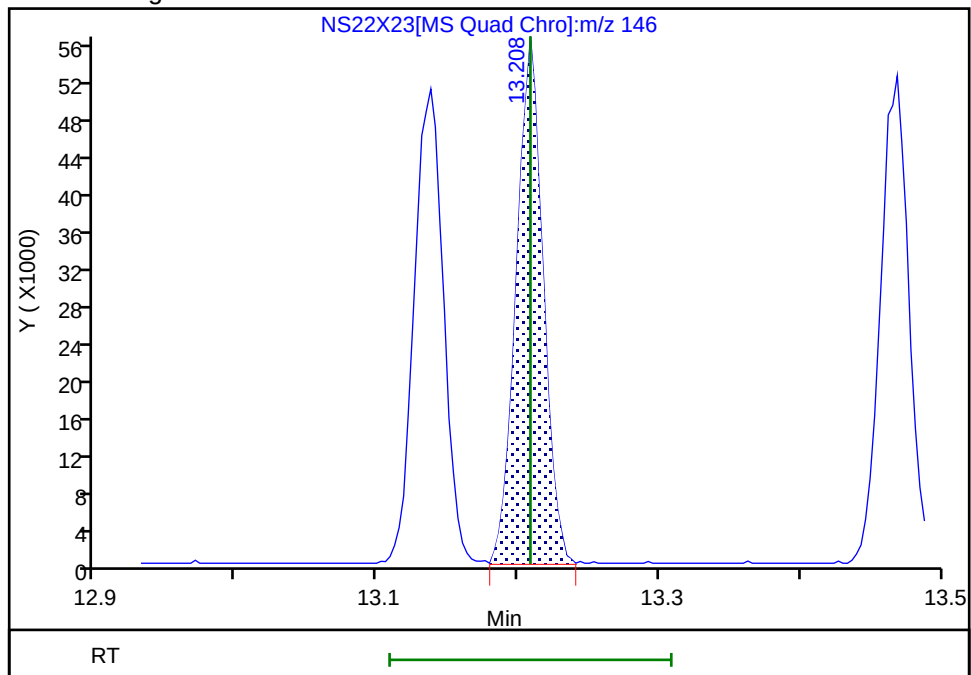
161 1,4-Dichlorobenzene, CAS: 106-46-7
Signal: 1

Not Detected
Expected RT: 13.21

Processing Integration Results



Manual Integration Results



RT: 13.21
Area: 74323
Amount: 4.123790
Amount Units: ug/l

Reviewer: JS6E, 23-Sep-2025 04:22:05 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D
 Lims ID: IC v10
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 22-Sep-2025 18:51:09 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-014
 Misc. Info.: IC V10
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub47
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:36:01 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: UKAD

Date: 22-Sep-2025 21:23:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.984					ND	
2 Dichlorodifluoromethane	85	2.025	2.025	0.000	99	165647	10.0	9.66	
3 Chlorodifluoromethane	51		2.041					ND	U
4 Chloromethane	50	2.231	2.231	0.000	99	123246	10.0	10.0	
5 Butadiene	39	2.350	2.350	0.000	92	75238	10.0	9.47	
6 Vinyl chloride	62	2.366	2.363	0.003	98	123038	10.0	9.90	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.443					ND	
8 Bromomethane	94	2.707	2.704	0.003	93	100527	10.0	10.4	
9 Chloroethane	64	2.813	2.810	0.003	97	56657	10.0	9.92	
10 Dichlorofluoromethane	67	3.070	3.074	-0.004	97	165380	10.0	10.2	
11 Trichlorofluoromethane	101	3.144	3.141	0.003	98	161056	10.0	9.69	
12 Pentane	43	3.186	3.176	0.010	95	62909	10.0	8.17	
13 Ethanol	45	3.273	3.328	-0.055	23	42168	500.0	528.2	M
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.508	3.511	-0.003	83	73112	10.0	9.84	
16 Acrolein	56	3.617	3.607	0.010	99	133619	97.6	101.4	
17 1,1-Dichloroethene	96	3.749	3.752	-0.003	96	53824	10.0	9.41	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.797	3.791	0.006	81	73653	10.0	8.90	M
19 Acetone	58	3.810	3.794	0.016	69	13966	20.0	21.0	
20 Iodomethane	142	3.961	3.964	-0.003	99	136351	10.0	9.98	
21 Isopropyl alcohol	45	3.983	3.984	-0.001	28	43290	50.0	51.8	
22 Carbon disulfide	76	4.067	4.070	-0.003	100	185194	10.0	9.69	
24 Methyl acetate	43	4.263	4.254	0.009	76	38531	10.0	8.94	
25 3-Chloro-1-propene	41	4.282	4.283	-0.001	88	66395	10.0	9.95	M
26 Methylene Chloride	84	4.491	4.485	0.006	84	62875	10.0	10.1	
* 27 t-Butyl alcohol-d10 (IS)	65	4.530	4.530	0.000	95	289290	250.0	250.0	
28 2-Methyl-2-propanol	59	4.652	4.665	-0.013	81	63003	50.0	51.6	
29 Acrylonitrile	53	4.861	4.861	0.000	98	62777	25.0	26.1	
32 Methyl tert-butyl ether	73	4.906	4.910	-0.004	93	196257	10.0	10.0	
31 trans-1,2-Dichloroethene	96	4.922	4.913	0.009	97	61855	10.0	9.70	
33 Hexane	57	5.350	5.347	0.003	90	53887	10.0	7.49	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	5.588	5.591	-0.003	96	99865	10.0	10.4	M
36 Isopropyl ether	45	5.659	5.652	0.007	91	156001	10.0	10.0	
37 2-Chloro-1,3-butadiene	53	5.700	5.697	0.003	90	77776	10.0	9.64	
S 38 1,2-Dichloroethene, Total	100				0			19.8	
39 Tert-butyl ethyl ether	59	6.183	6.186	-0.003	96	169313	10.0	9.78	M
40 2-Butanone (MEK)	43	6.405	6.401	0.004	97	62698	20.0	20.3	
41 cis-1,2-Dichloroethene	96	6.434	6.424	0.010	80	73690	10.0	10.1	a
43 2,2-Dichloropropane	77	6.440	6.443	-0.003	88	106094	10.0	9.81	a
44 Propionitrile	54	6.491	6.508	-0.017	95	53892	50.0	51.0	
45 Methyl acrylate	55	6.527	6.524	0.003	100	62315	10.0	9.70	
46 Methacrylonitrile	67	6.707	6.713	-0.006	79	63992	25.0	24.4	M
47 Chlorobromomethane	128	6.752	6.752	0.000	81	41600	10.0	10.4	
48 Tetrahydrofuran	71	6.762	6.768	-0.006	84	49813	50.0	50.8	
49 Chloroform	83	6.903	6.906	-0.003	92	120127	10.0	10.1	
\$ 50 Dibromofluoromethane (Surr)	113	7.115	7.115	0.000	95	300932	50.0	51.1	
51 1,1,1-Trichloroethane	97	7.125	7.128	-0.003	95	120847	10.0	9.87	
52 Cyclohexane	56	7.218	7.215	0.003	88	87297	10.0	8.36	a
53 Carbon tetrachloride	117	7.331	7.334	-0.003	96	108444	10.0	9.46	
54 1,1-Dichloropropene	75	7.334	7.334	0.000	92	75071	10.0	9.47	
55 Isobutyl alcohol	41	7.507	7.495	0.012	87	39629	125.0	117.5	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.565	7.575	-0.010	95	66861	50.0	50.4	
57 Benzene	78	7.597	7.594	0.003	94	240202	10.0	10.2	
59 1,2-Dichloroethane	62	7.671	7.675	-0.004	98	77419	10.0	10.1	
60 Tert-amyl methyl ether	73	7.781	7.787	-0.006	98	171071	10.0	9.78	
* 62 Fluorobenzene (IS)	96	7.999	7.999	0.000	99	1035599	50.0	50.0	
63 n-Heptane	43	7.999	8.000	-0.001	40	43512	10.0	7.19	
64 n-Butanol	56	8.366	8.356	0.010	89	32977	125.0	127.9	
65 Trichloroethene	95	8.466	8.463	0.003	95	68353	10.0	9.82	a
66 Ethyl acrylate	55	8.585	8.585	0.000	98	70310	10.0	9.49	
67 Methylcyclohexane	83	8.765	8.768	-0.003	88	94519	10.0	7.55	
68 2-ethoxy-2-methyl butane	87	8.803	8.803	0.000	93	92961	10.0	9.84	
69 1,2-Dichloropropane	63	8.800	8.803	-0.003	69	56224	10.0	10.1	M
70 Methyl methacrylate	69	8.884	8.881	0.003	84	42139	10.0	9.74	
71 1,4-Dioxane	88	8.890	8.900	-0.010	45	12167	125.0	136.5	
72 Dibromomethane	93	8.913	8.909	0.004	88	41791	10.0	10.1	
74 Dichlorobromomethane	83	9.141	9.138	0.003	99	82317	10.0	10.0	
75 2-Nitropropane	41	9.414	9.411	0.003	98	81697	50.0	48.5	
76 2-Chloroethyl vinyl ether	63	9.485	9.485	0.000	93	33435	10.0	9.44	
77 cis-1,3-Dichloropropene	75	9.655	9.659	-0.004	96	86881	10.0	9.91	
78 4-Methyl-2-pentanone (MIBK)	43	9.826	9.826	0.000	95	133484	20.0	19.2	
\$ 79 Toluene-d8 (Surr)	98	9.951	9.951	0.000	93	1038157	50.0	50.1	
118 Toluene	92	10.022	10.025	-0.003	98	158327	10.0	9.89	
S 119 1,3-Dichloropropene, Total	100				0			19.6	
120 trans-1,3-Dichloropropene	75	10.269	10.266	0.003	92	78769	10.0	9.74	
121 Ethyl methacrylate	69	10.324	10.324	0.000	87	73751	10.0	9.68	
122 1,1,2-Trichloroethane	97	10.466	10.466	0.000	88	58478	10.0	10.4	
123 Tetrachloroethene	166	10.546	10.543	0.003	97	84689	10.0	9.42	
124 1,3-Dichloropropane	76	10.623	10.623	0.000	89	86021	10.0	10.2	
126 2-Hexanone	43	10.671	10.671	0.000	96	89982	20.0	19.0	
128 Chlorodibromomethane	129	10.829	10.826	0.003	87	72254	10.0	9.84	
129 Ethylene Dibromide	107	10.935	10.938	-0.003	98	60603	10.0	9.98	
S 130 Xylenes, Total	106				0			28.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	85	843300	50.0	50.0	
132 1-Chlorohexane	91	11.356	11.356	0.000	94	73017	10.0	8.04	
133 Chlorobenzene	112	11.379	11.379	0.000	98	190398	10.0	10.0	
134 1,1,1,2-Tetrachloroethane	131	11.456	11.456	0.000	93	84043	10.0	10.0	
135 Ethylbenzene	91	11.459	11.459	0.000	98	301732	10.0	9.49	
136 m-Xylene & p-Xylene	106	11.568	11.572	-0.004	100	242047	20.0	19.2	
137 n-Butyl acrylate	55	11.835	11.835	0.000	96	99935	10.0	9.42	
138 o-Xylene	106	11.893	11.890	0.003	96	126321	10.0	9.60	
139 Styrene	104	11.906	11.906	0.000	94	194840	10.0	9.74	
140 Bromoform	173	12.060	12.061	0.000	98	55599	10.0	10.2	
141 Isopropylbenzene	105	12.183	12.186	-0.003	95	322593	10.0	8.88	
143 Cyclohexanone	55	12.266	12.270	-0.004	90	78318	250.0	255.7	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.324	12.324	0.000	97	383305	50.0	49.0	
145 1,1,2,2-Tetrachloroethane	83	12.424	12.424	0.000	95	89307	10.0	10.0	
146 Bromobenzene	156	12.443	12.443	0.000	91	92264	10.0	9.85	
147 trans-1,4-Dichloro-2-butene	53	12.449	12.450	-0.001	86	54888	25.0	24.5	
148 1,2,3-Trichloropropane	110	12.475	12.472	0.003	71	31747	10.0	10.4	a
149 N-Propylbenzene	91	12.504	12.504	0.000	98	345117	10.0	8.77	
150 2-Chlorotoluene	126	12.581	12.581	0.000	98	83150	10.0	9.28	
151 1,3,5-Trimethylbenzene	105	12.636	12.636	0.000	95	273109	10.0	8.81	
152 4-Chlorotoluene	126	12.675	12.675	0.000	96	80000	10.0	9.32	
154 tert-Butylbenzene	134	12.877	12.877	0.000	91	55945	10.0	8.13	
155 1,2,4-Trimethylbenzene	105	12.919	12.919	0.000	97	281911	10.0	8.91	
157 sec-Butylbenzene	105	13.038	13.038	0.000	94	318331	10.0	8.11	
158 1,3-Dichlorobenzene	146	13.134	13.138	-0.004	97	168553	10.0	9.59	
159 4-Isopropyltoluene	119	13.141	13.141	0.000	97	287378	10.0	8.13	
* 160 1,4-Dichlorobenzene-d4	152	13.189	13.189	0.000	92	508809	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.208	13.208	0.000	97	170532	10.0	9.73	
162 1,2,3-Trimethylbenzene	105	13.221	13.218	0.003	98	299167	10.0	9.32	
163 Benzyl chloride	91	13.285	13.286	-0.001	98	151837	10.0	9.54	
164 1,3-Diethylbenzene	119	13.340	13.340	0.000	96	159197	10.0	8.20	
165 p-Diethylbenzene	119	13.411	13.411	0.000	96	162896	10.0	8.02	
166 n-Butylbenzene	92	13.430	13.430	0.000	97	121443	10.0	8.02	
167 1,2-Dichlorobenzene	146	13.466	13.466	0.000	99	172189	10.0	9.85	
168 o-diethylbenzene	119	13.482	13.482	0.000	94	145505	10.0	8.37	
170 1,2-Dibromo-3-Chloropropane	75	14.002	14.003	-0.001	93	22706	10.0	9.44	
171 1,3,5-Trichlorobenzene	180	14.121	14.122	-0.001	97	120466	10.0	8.34	
172 1,2,4-Trichlorobenzene	180	14.543	14.543	0.000	94	116899	10.0	8.70	
173 2-Ethylhexyl acrylate	55	14.597	14.597	0.000	81	91780	10.0	8.72	
174 Hexachlorobutadiene	225	14.626	14.623	0.003	95	42776	10.0	7.68	
175 Naphthalene	128	14.729	14.729	0.000	96	382110	10.0	9.57	
176 1,2,3-Trichlorobenzene	180	14.874	14.871	0.003	95	122317	10.0	8.89	
177 2-Methylnaphthalene	142	15.514	15.517	-0.003	92	197870	10.0	8.46	
S 238 Total Diethylbenzene	1				0			24.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00254	Amount Added: 2.00	Units: uL	
MSV_CCV_GASES_01121	Amount Added: 1.00	Units: uL	
MSV_CCV_VOC#3_00256	Amount Added: 1.60	Units: uL	
MSV_CCV_2CEVE_00247	Amount Added: 2.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 8.00	Units: uL	
MSV_CCV_ETOH_00011	Amount Added: 8.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 2.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent
MSV_V_SMFreon_00052	Amount Added: 0.00	Units:	Run Reagent

Report Date: 23-Sep-2025 09:36:02

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D

Injection Date: 22-Sep-2025 18:51:09

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC v10

Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

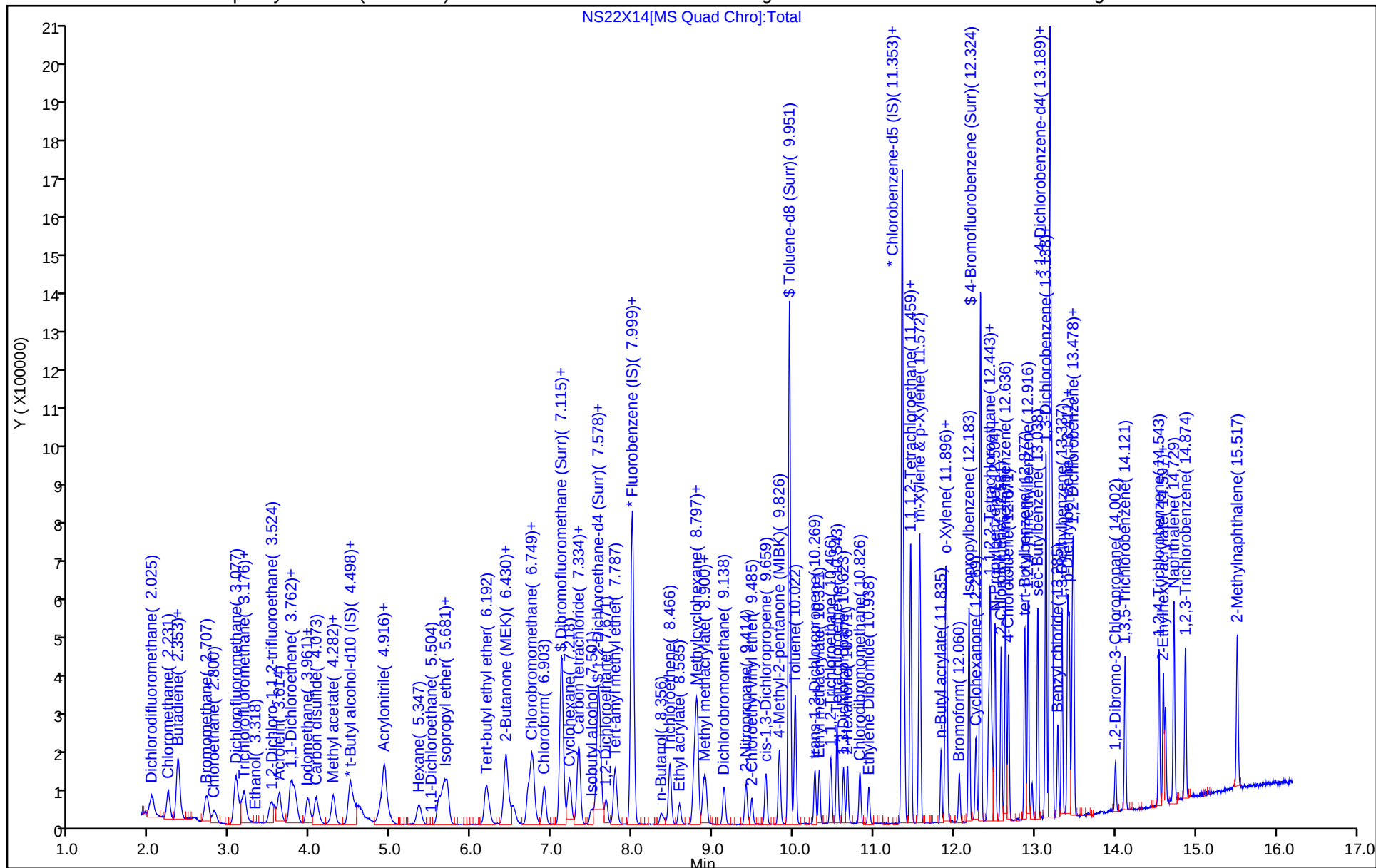
ALS Bottle#: 13

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

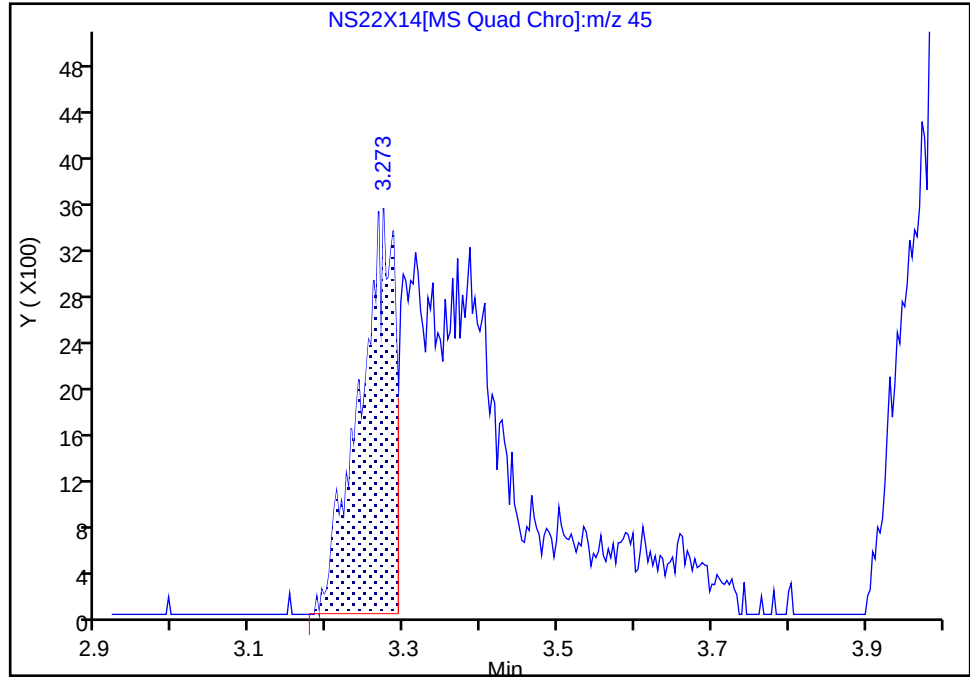
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D
Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

13 Ethanol, CAS: 64-17-5

Signal: 1

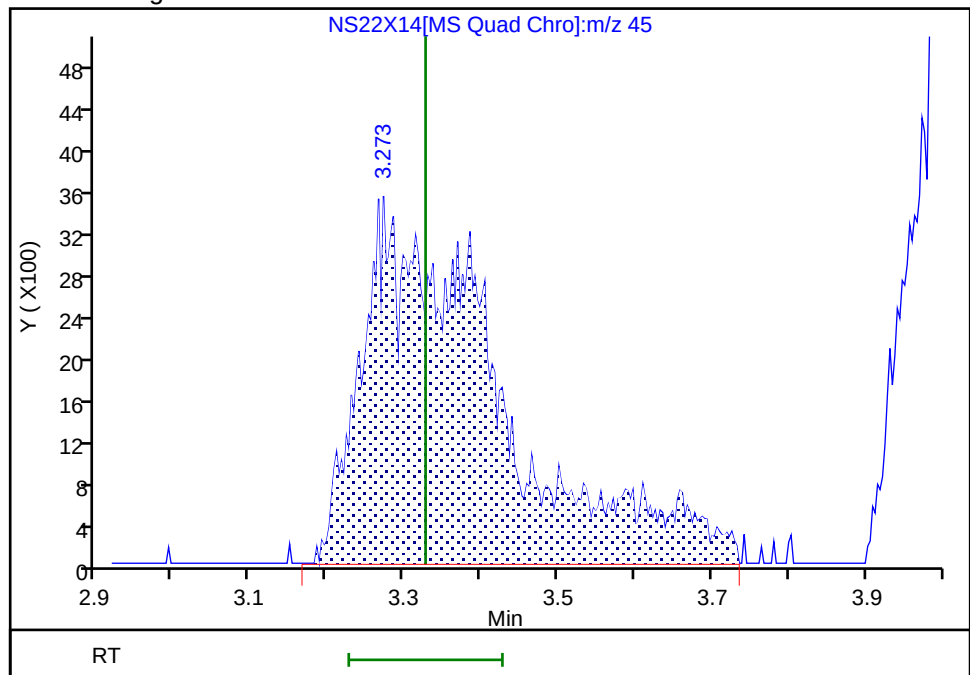
RT: 3.27
Area: 11109
Amount: 182.8145
Amount Units: ug/l

Processing Integration Results



RT: 3.27
Area: 42168
Amount: 528.2082
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:32:18 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

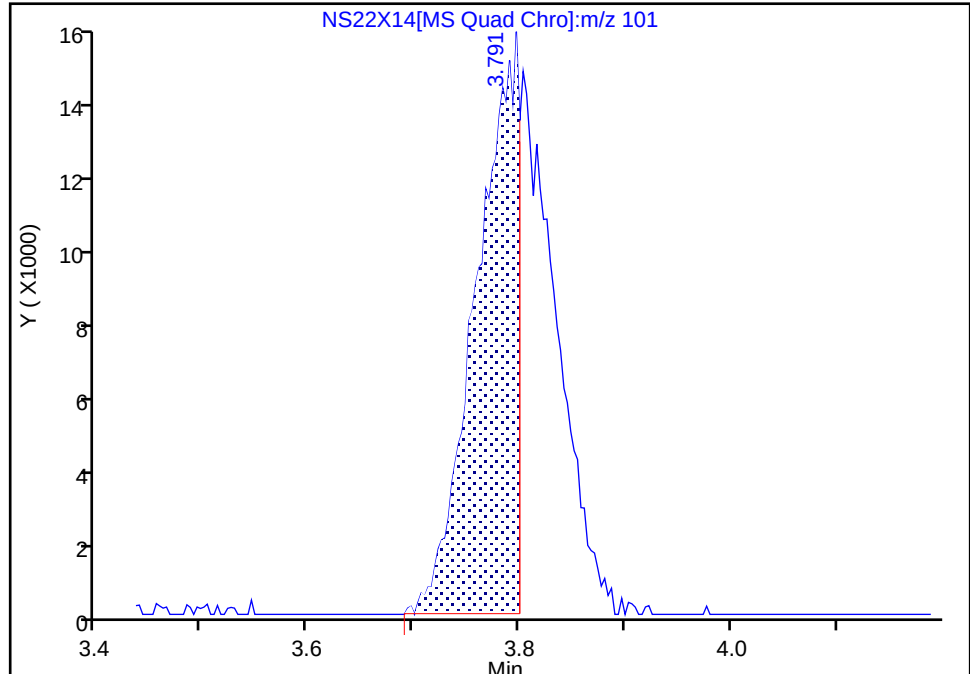
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D
Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

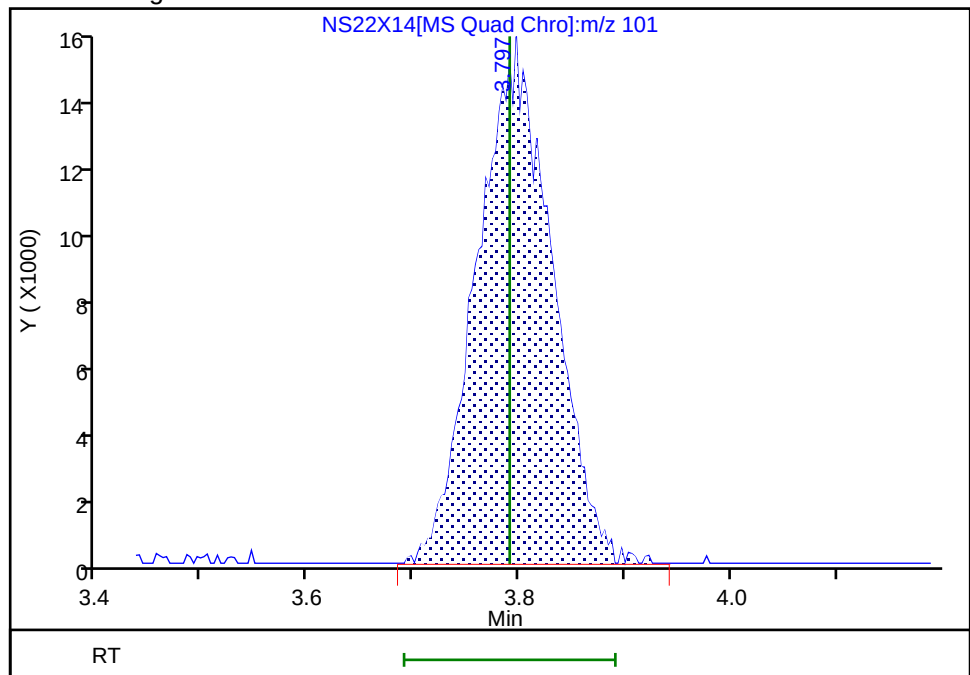
RT: 3.79
Area: 41632
Amount: 7.492206
Amount Units: ug/l

Processing Integration Results



RT: 3.80
Area: 73653
Amount: 8.904469
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:32:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

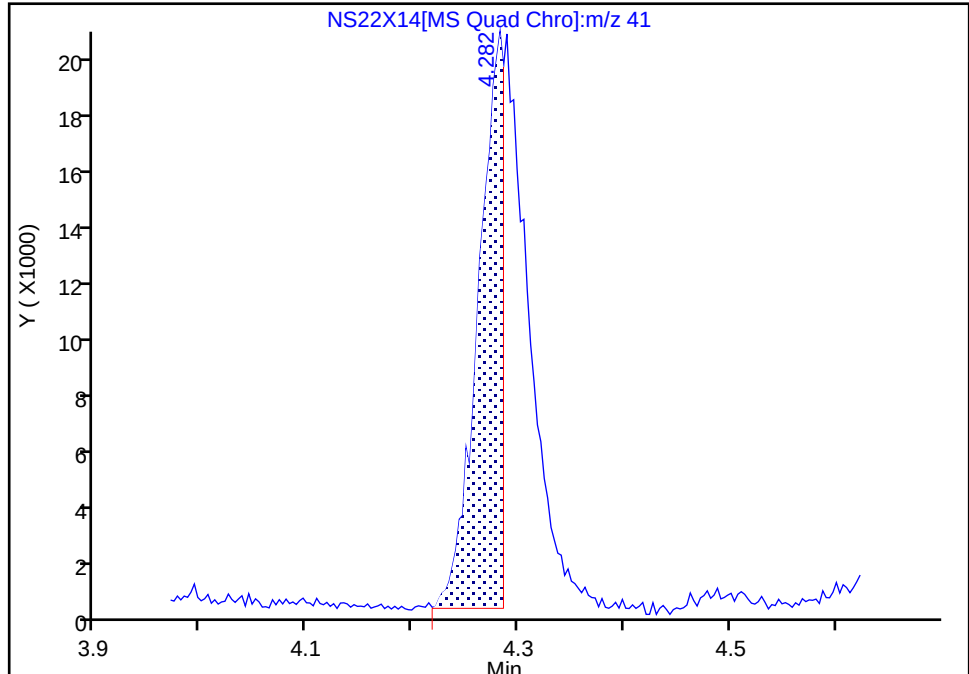
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D
Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

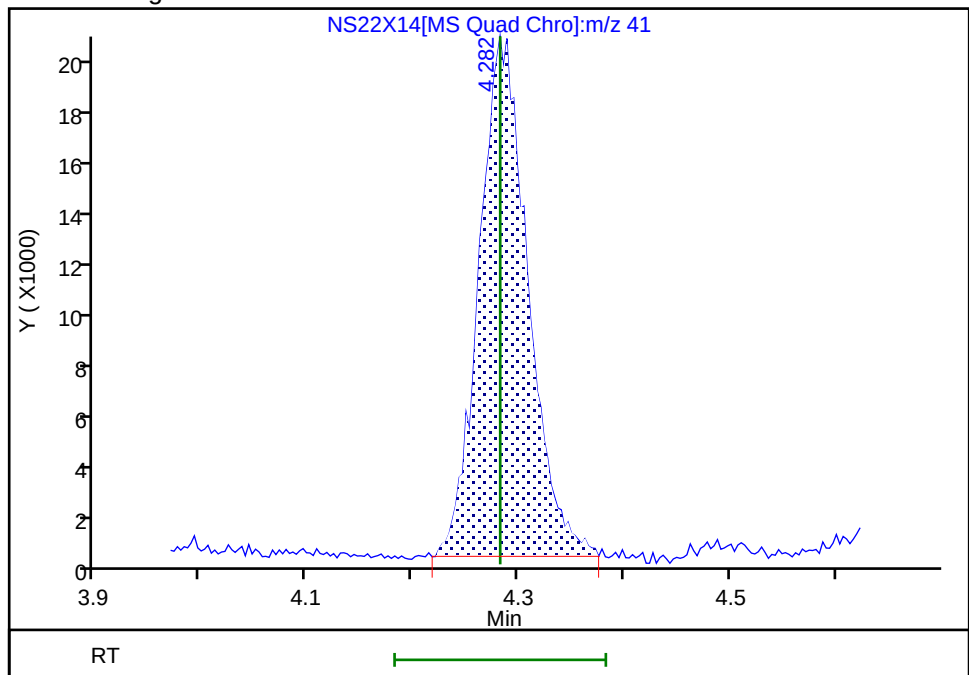
RT: 4.28
Area: 34123
Amount: 7.449960
Amount Units: ug/l

Processing Integration Results



RT: 4.28
Area: 66395
Amount: 9.950564
Amount Units: ug/l

Manual Integration Results



Reviewer: UKEK, 23-Sep-2025 09:01:30 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Other

Eurofins Lancaster Laboratories Environment Testing, LLC

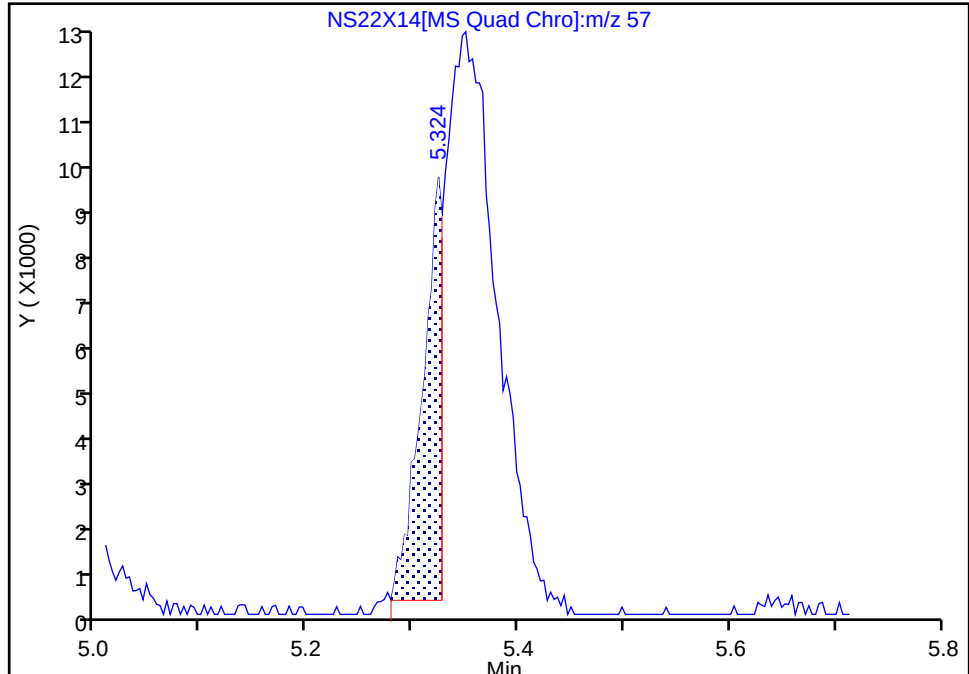
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D
Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

33 Hexane, CAS: 110-54-3

Signal: 1

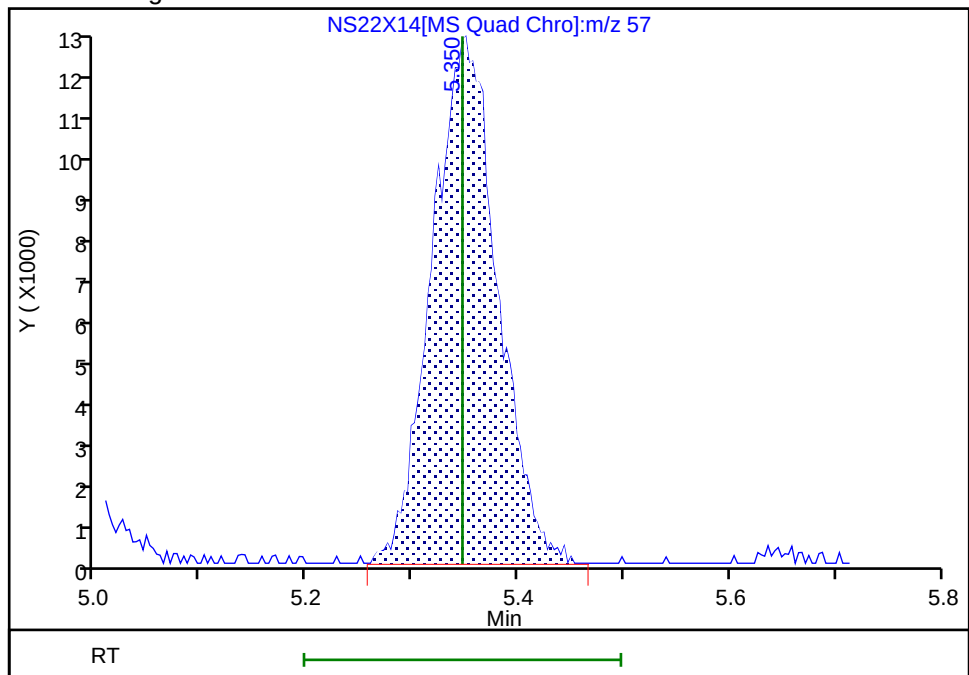
RT: 5.32
Area: 11972
Amount: 1.887168
Amount Units: ug/l

Processing Integration Results



RT: 5.35
Area: 53887
Amount: 7.485390
Amount Units: ug/l

Manual Integration Results



Reviewer: UKEK, 23-Sep-2025 09:01:50 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Other

Eurofins Lancaster Laboratories Environment Testing, LLC

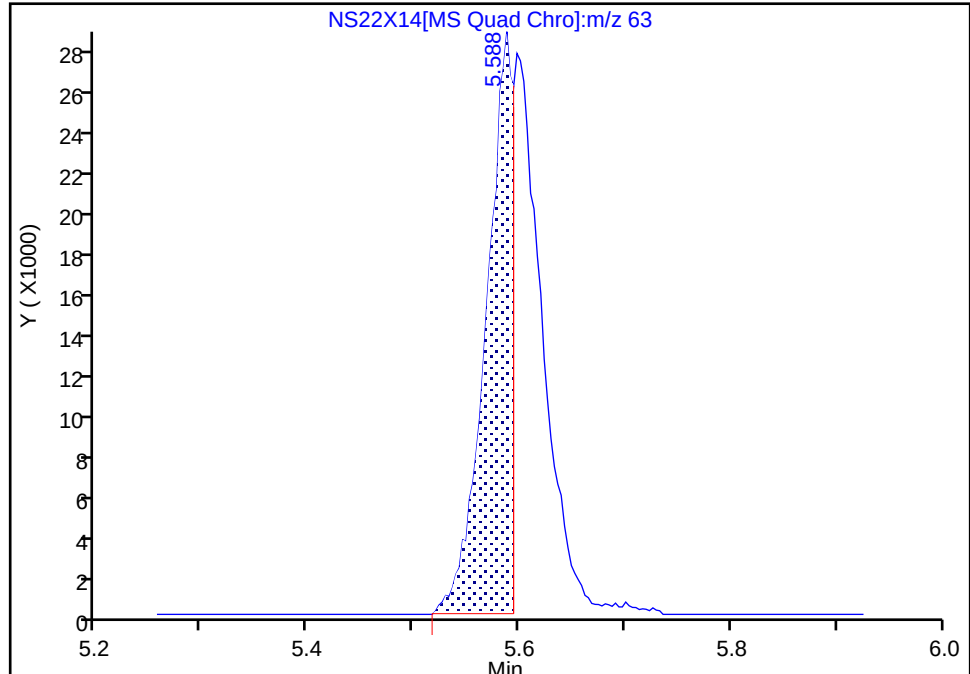
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D
Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

35 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

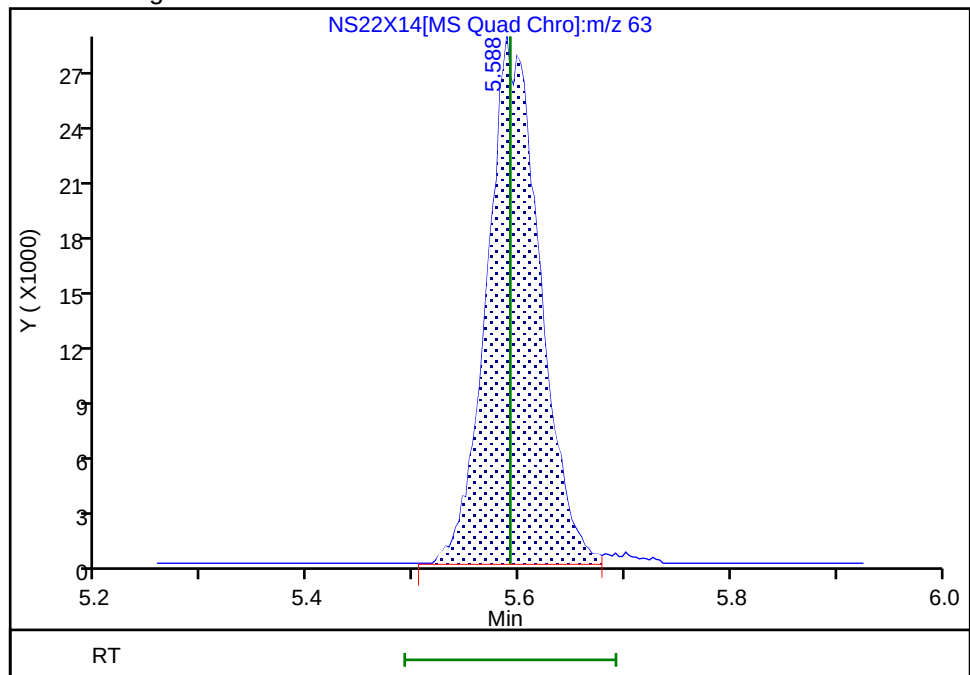
RT: 5.59
Area: 51444
Amount: 6.918963
Amount Units: ug/l

Processing Integration Results



RT: 5.59
Area: 99865
Amount: 10.364692
Amount Units: ug/l

Manual Integration Results



Reviewer: UKEK, 23-Sep-2025 09:02:08 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Other

Eurofins Lancaster Laboratories Environment Testing, LLC

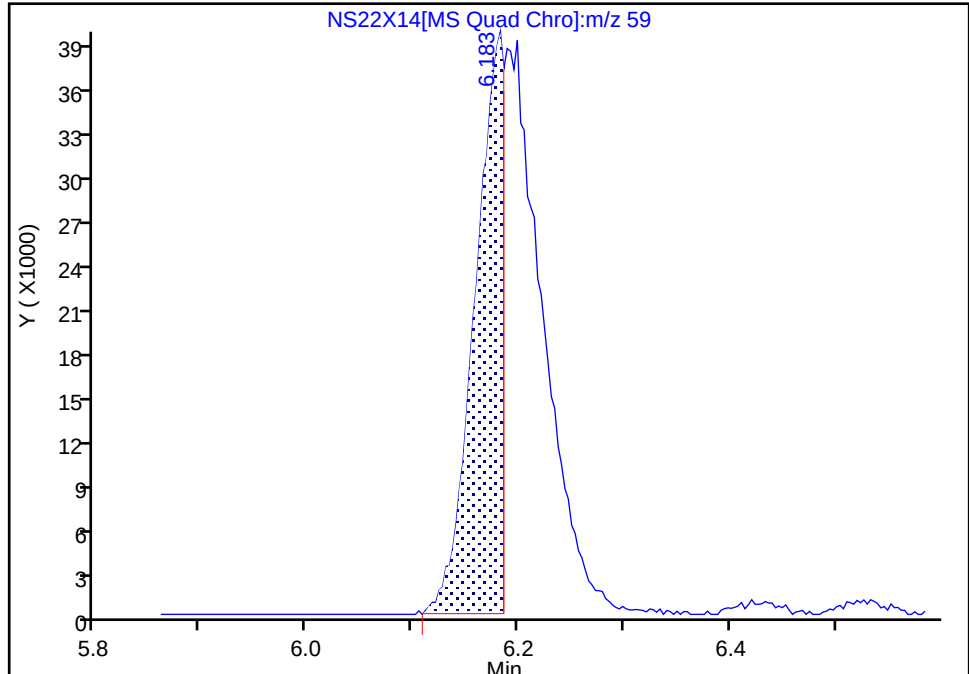
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D
Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

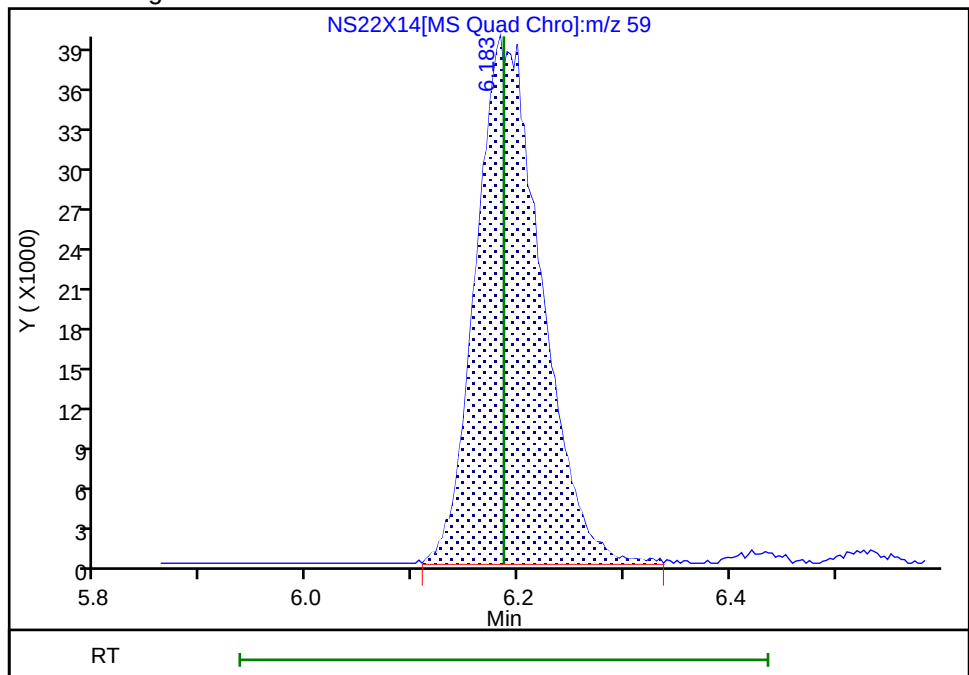
RT: 6.18
Area: 75091
Amount: 6.110339
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 169313
Amount: 9.782834
Amount Units: ug/l

Manual Integration Results



Reviewer: UKEK, 23-Sep-2025 09:02:27 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Other

Eurofins Lancaster Laboratories Environment Testing, LLC

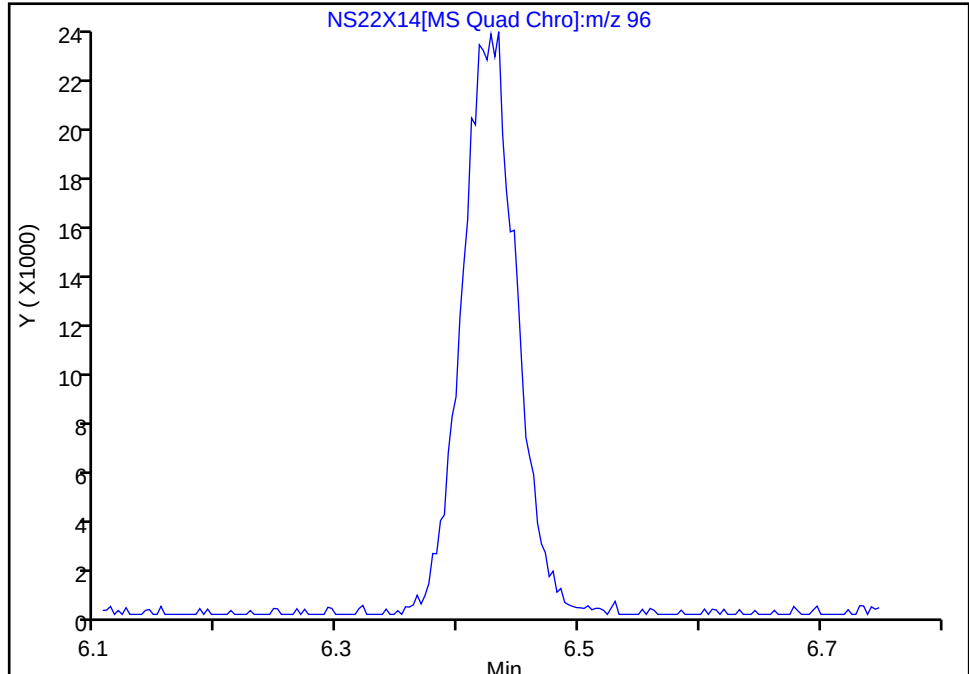
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D
Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

41 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

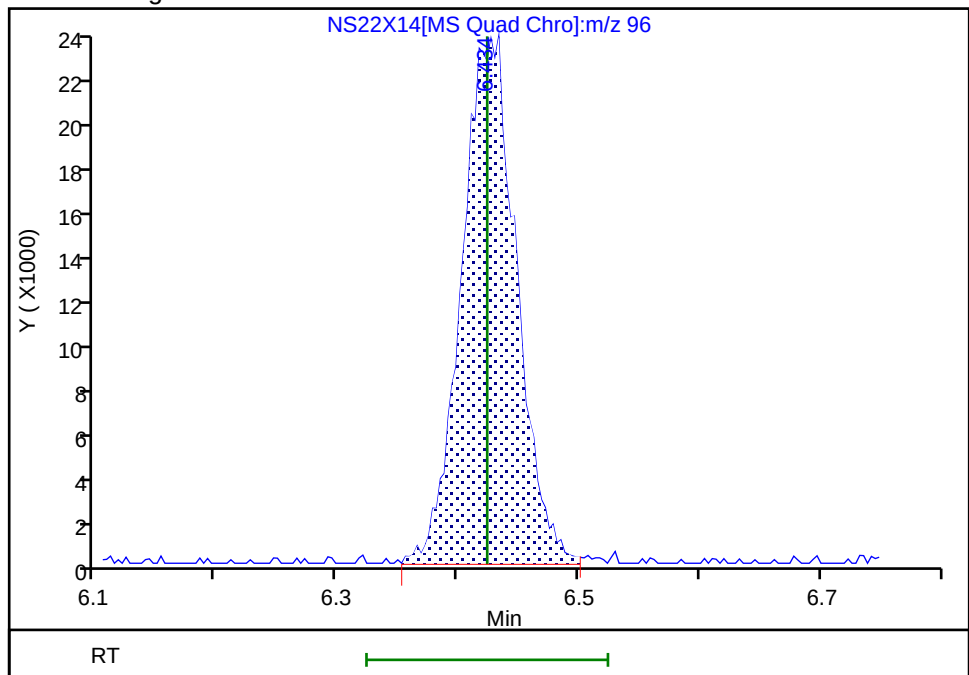
Not Detected
Expected RT: 6.42

Processing Integration Results



RT: 6.43
Area: 73690
Amount: 10.065174
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:33:00 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

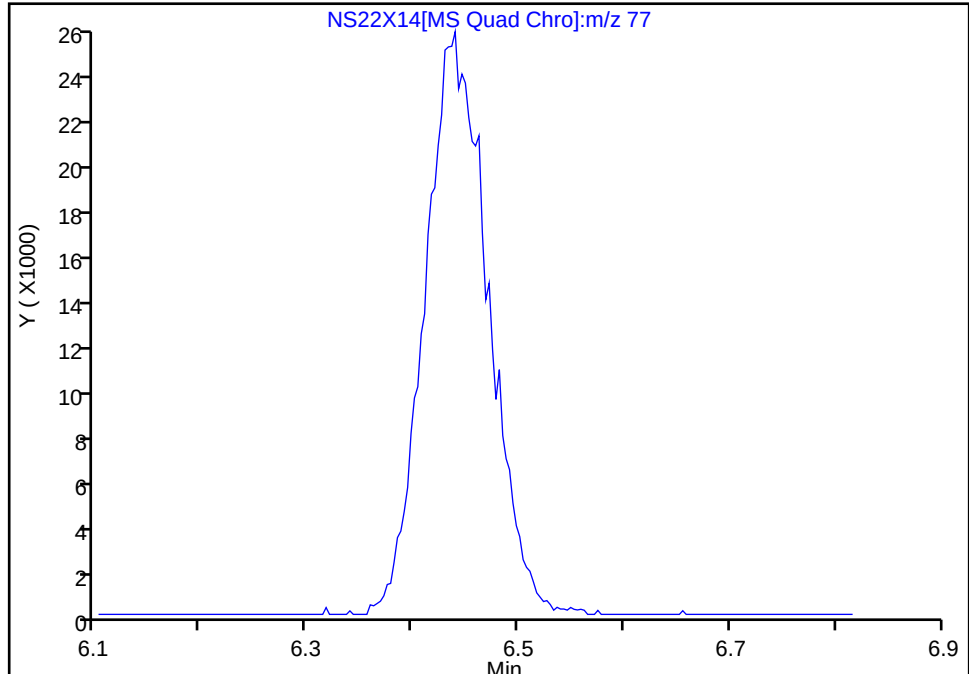
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D
Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

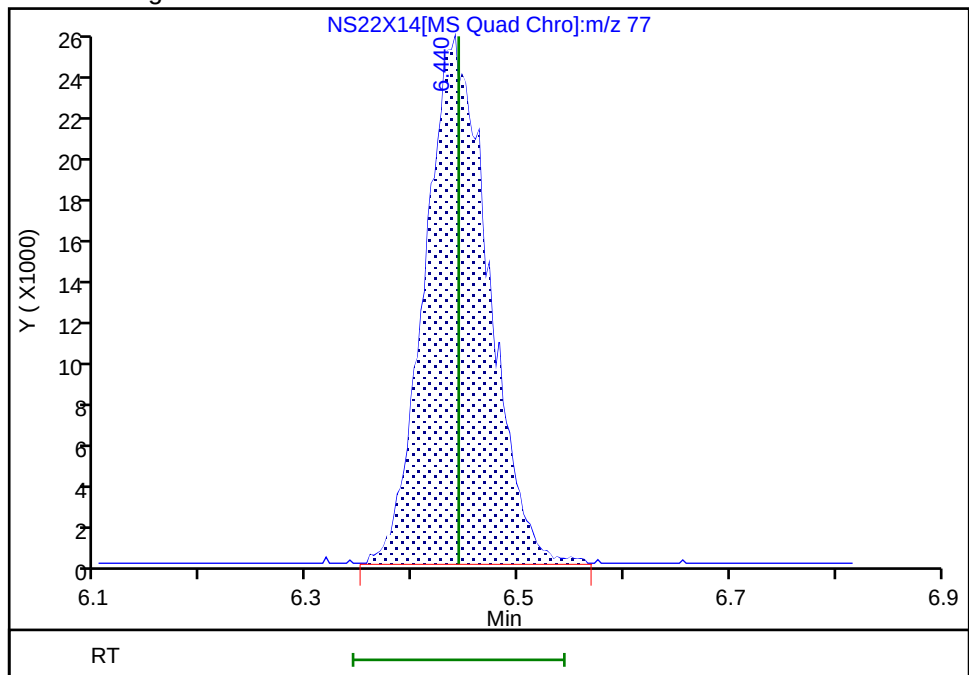
Not Detected
Expected RT: 6.44

Processing Integration Results



RT: 6.44
Area: 106094
Amount: 9.809109
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:33:04 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

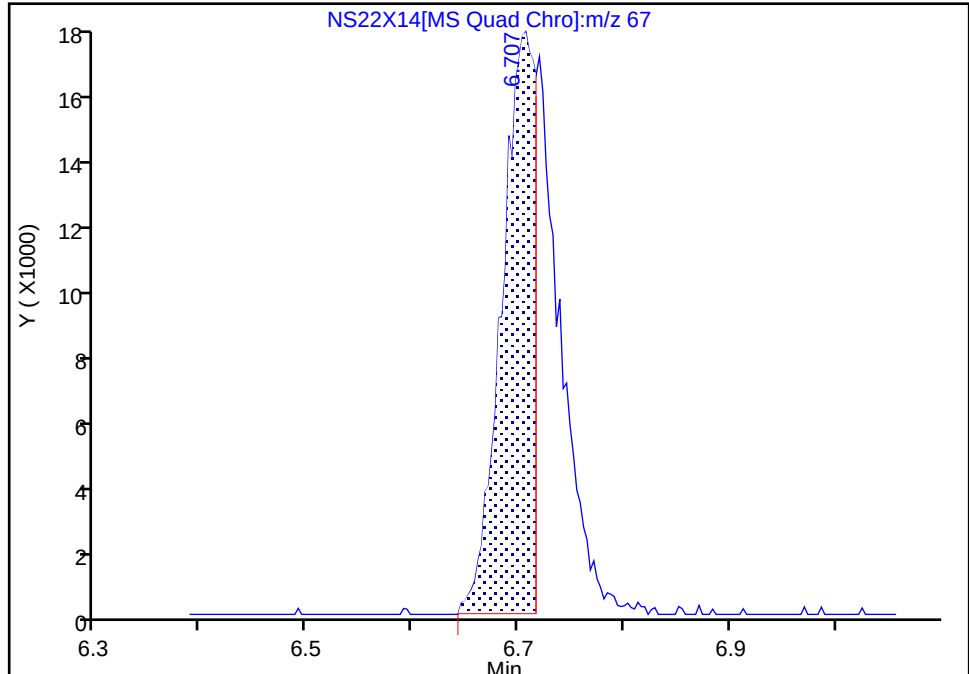
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D
Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

46 Methacrylonitrile, CAS: 126-98-7

Signal: 1

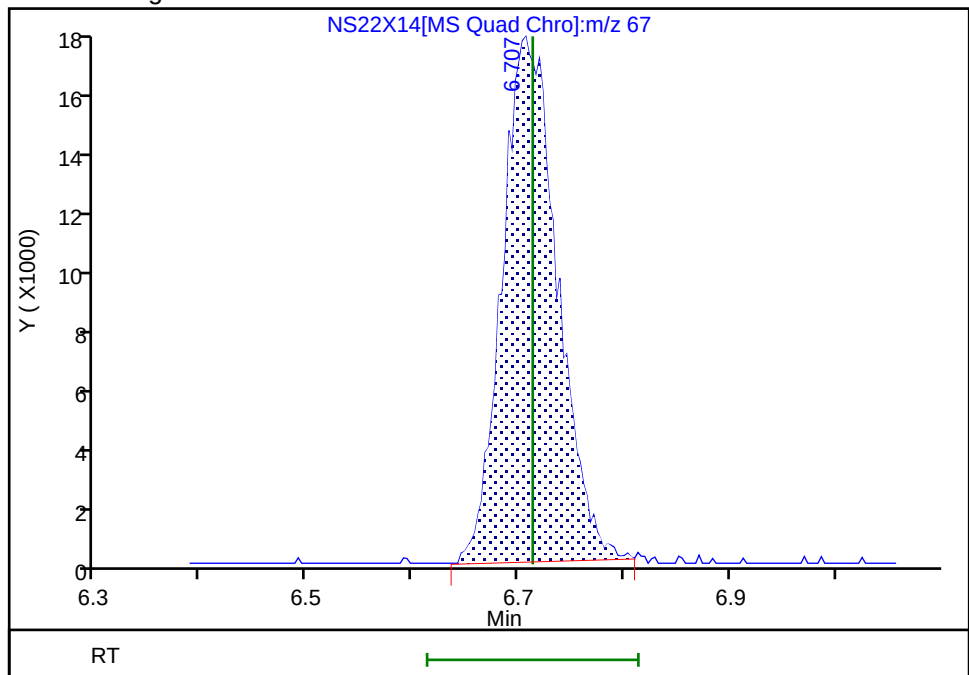
RT: 6.71
Area: 38978
Amount: 17.554157
Amount Units: ug/l

Processing Integration Results



RT: 6.71
Area: 63992
Amount: 24.364998
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:33:12 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

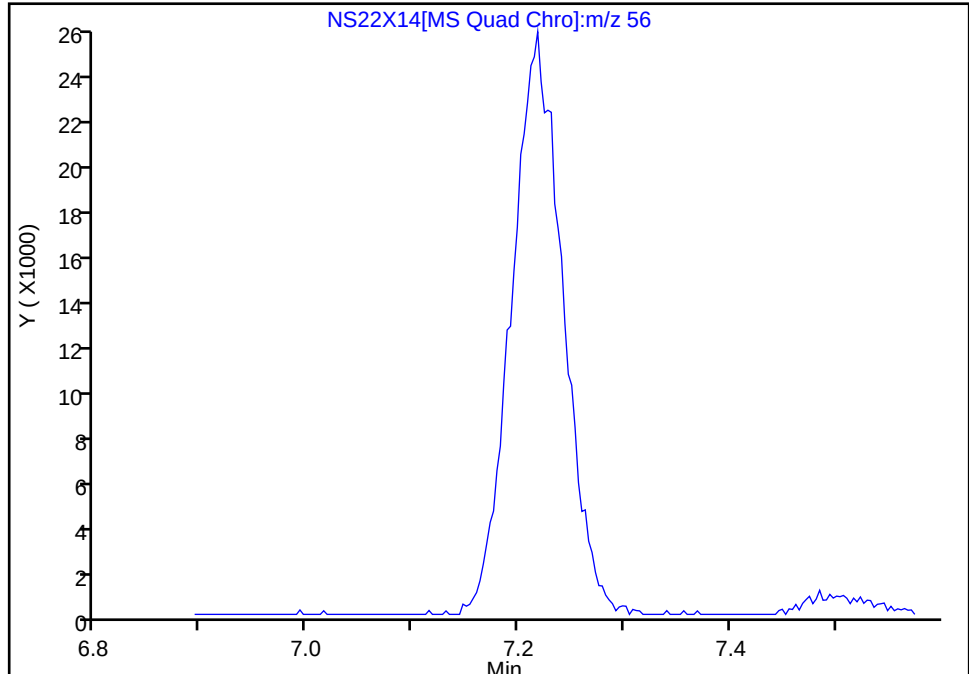
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D
Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

52 Cyclohexane, CAS: 110-82-7

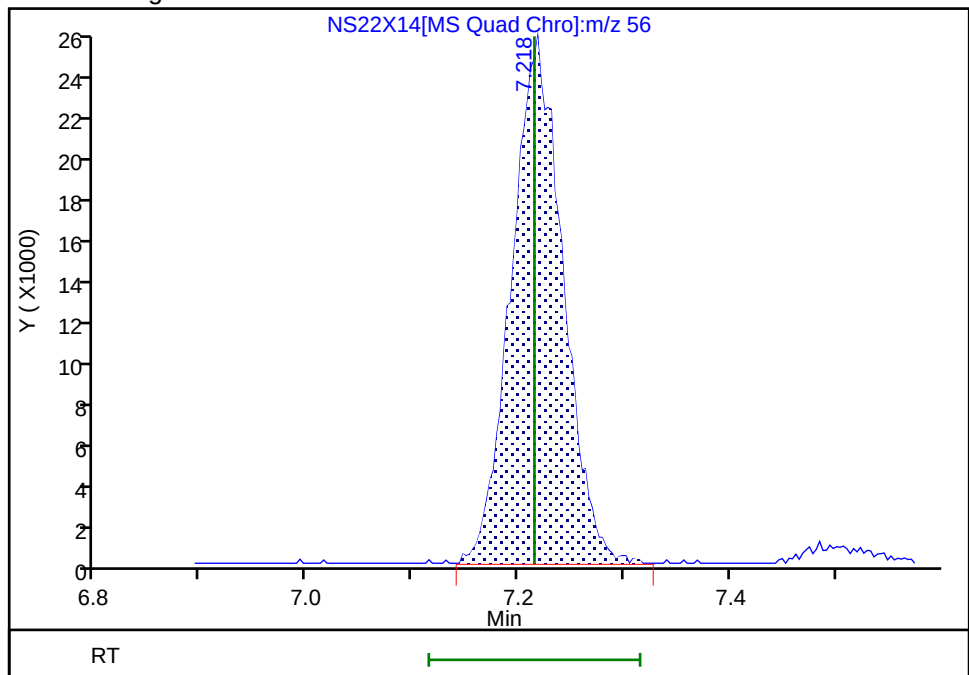
Signal: 1

Not Detected
Expected RT: 7.21

Processing Integration Results



Manual Integration Results



RT: 7.22
Area: 87297
Amount: 8.360568
Amount Units: ug/l

Reviewer: UKAD, 22-Sep-2025 21:33:19 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

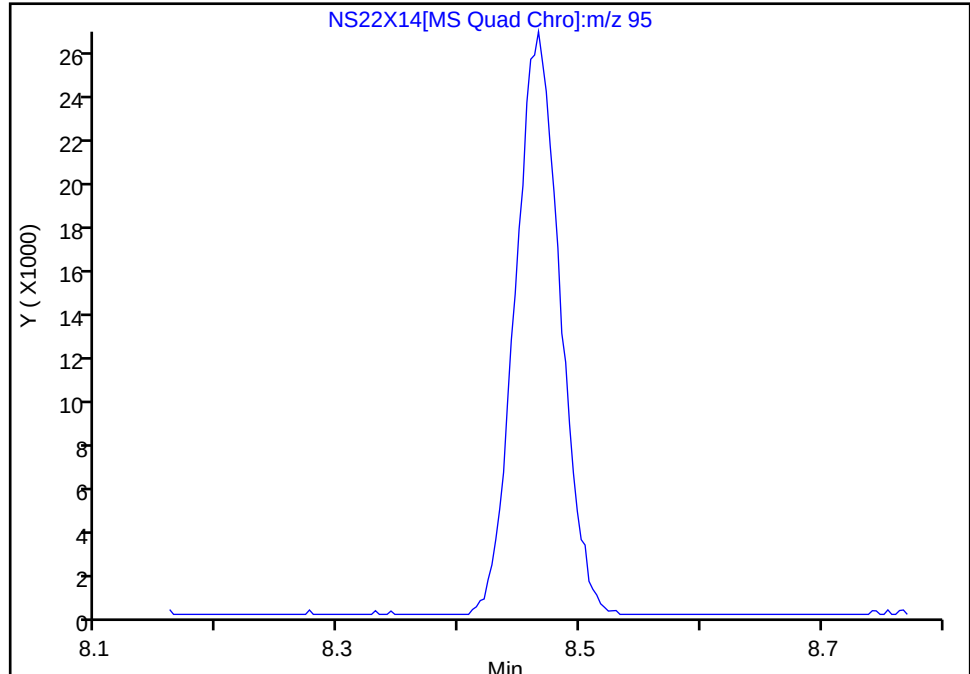
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D
Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

65 Trichloroethene, CAS: 79-01-6

Signal: 1

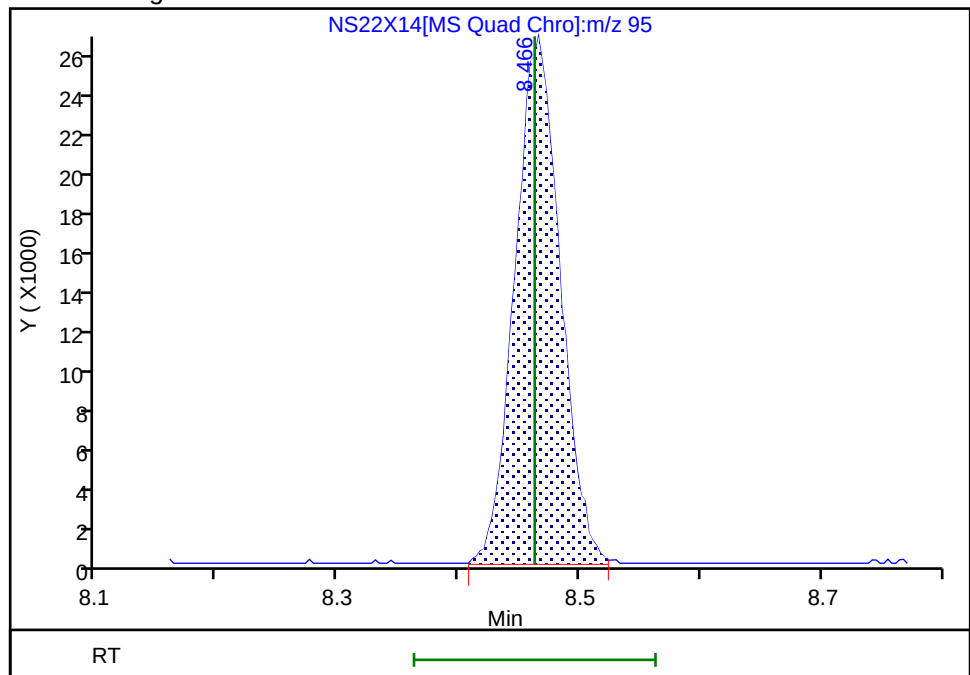
Not Detected
Expected RT: 8.46

Processing Integration Results



RT: 8.47
Area: 68353
Amount: 9.817935
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:33:28 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

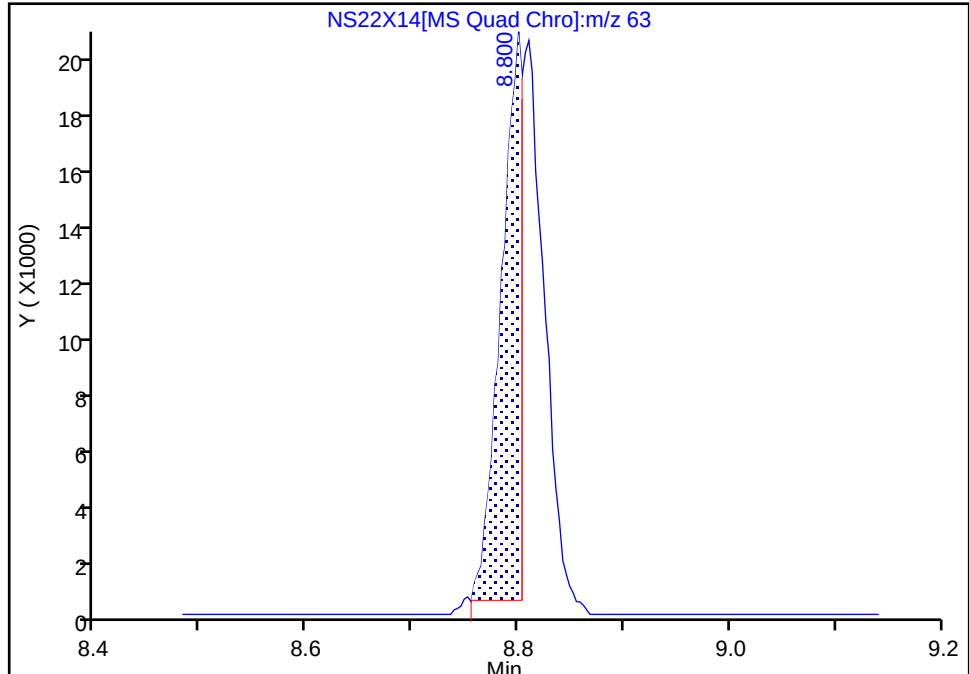
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D
Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

69 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

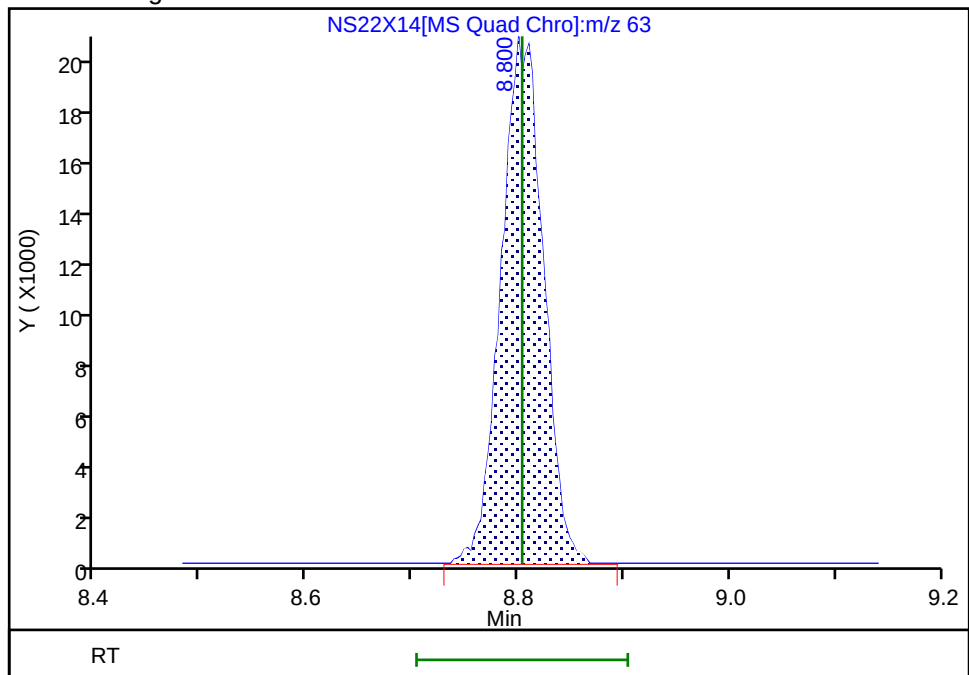
RT: 8.80
Area: 27668
Amount: 6.971235
Amount Units: ug/l

Processing Integration Results



RT: 8.80
Area: 56224
Amount: 10.120322
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:33:38 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

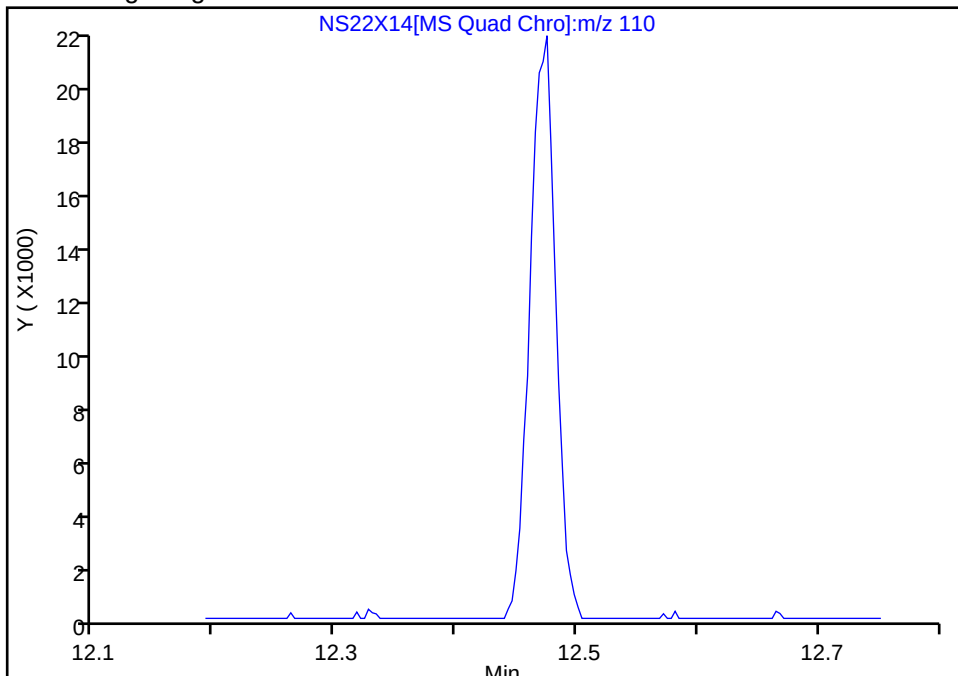
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D
Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

148 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

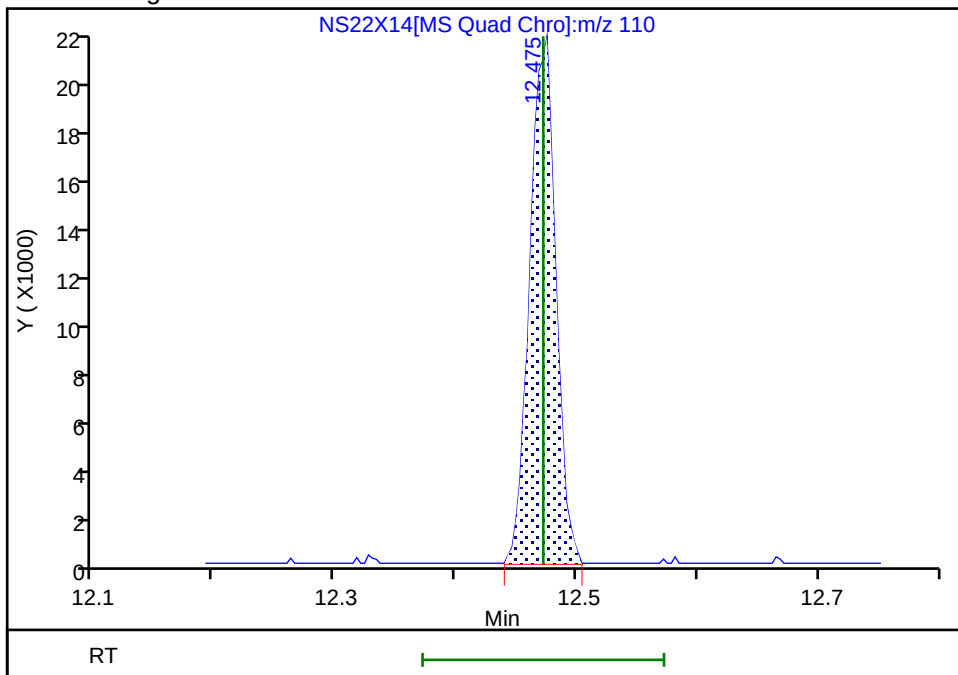
Not Detected
Expected RT: 12.47

Processing Integration Results



RT: 12.48
Area: 31747
Amount: 10.397782
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:33:51 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
 Lims ID: IC v20
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 22-Sep-2025 19:10:58 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-015
 Misc. Info.: IC V20
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub47
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:36:17 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: UKAD

Date: 22-Sep-2025 21:23:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.984					ND	
2 Dichlorodifluoromethane	85	2.042	2.042	0.000	99	367201	20.0	20.9	
3 Chlorodifluoromethane	51		2.041					ND	U
4 Chloromethane	50	2.241	2.241	0.000	99	250020	20.0	19.9	a
5 Butadiene	39	2.353	2.353	0.000	93	168013	20.0	20.7	
6 Vinyl chloride	62	2.363	2.363	0.000	98	259229	20.0	20.4	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.443					ND	U
8 Bromomethane	94	2.717	2.717	0.000	91	198796	20.0	20.1	
9 Chloroethane	64	2.804	2.804	0.000	99	116054	20.0	19.9	
10 Dichlorofluoromethane	67	3.074	3.074	0.000	97	334689	20.0	20.1	
11 Trichlorofluoromethane	101	3.151	3.151	0.000	97	354075	20.0	20.8	M
12 Pentane	43	3.186	3.186	0.000	95	159434	20.0	20.3	
13 Ethanol	45	3.337	3.337	0.000	25	82301	999.9	1001.4	M
15 1,2-Dichloro-1,1,2-trifluoroethane	67	3.517	3.517	0.000	85	152201	20.0	20.0	
16 Acrolein	56	3.617	3.617	0.000	99	266429	195.2	196.4	
17 1,1-Dichloroethene	96	3.755	3.755	0.000	95	115579	20.0	19.8	
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.813	3.813	0.000	85	174295	20.0	20.6	a
19 Acetone	58	3.804	3.804	0.000	82	27737	40.0	40.4	
20 Iodomethane	142	3.974	3.974	0.000	98	285676	20.0	20.5	
21 Isopropyl alcohol	45	3.996	3.996	0.000	41	86610	100.0	100.6	
22 Carbon disulfide	76	4.070	4.070	0.000	99	395296	20.0	20.2	
24 Methyl acetate	43	4.270	4.270	0.000	96	84466	20.0	19.2	M
25 3-Chloro-1-propene	41	4.283	4.283	0.000	91	138858	20.0	20.4	M
26 Methylene Chloride	84	4.488	4.488	0.000	85	130490	20.0	20.4	
* 27 t-Butyl alcohol-d10 (IS)	65	4.540	4.540	0.000	94	297828	250.0	250.0	
28 2-Methyl-2-propanol	59	4.649	4.649	0.000	97	127148	100.0	101.1	
29 Acrylonitrile	53	4.858	4.858	0.000	99	124238	50.0	50.4	
32 Methyl tert-butyl ether	73	4.923	4.923	0.000	96	401770	20.0	20.1	
31 trans-1,2-Dichloroethene	96	4.916	4.916	0.000	97	128949	20.0	19.8	M
33 Hexane	57	5.353	5.353	0.000	92	151671	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	5.595	5.595	0.000	96	199735	20.0	20.3	
36 Isopropyl ether	45	5.656	5.656	0.000	96	319061	20.0	20.1	
37 2-Chloro-1,3-butadiene	53	5.704	5.704	0.000	91	167637	20.0	20.3	a
S 38 1,2-Dichloroethene, Total	100				0			39.7	
39 Tert-butyl ethyl ether	59	6.183	6.183	0.000	97	355435	20.0	20.1	M
40 2-Butanone (MEK)	43	6.398	6.398	0.000	98	123972	40.0	39.2	
41 cis-1,2-Dichloroethene	96	6.424	6.424	0.000	78	149026	20.0	19.9	
43 2,2-Dichloropropane	77	6.447	6.447	0.000	85	223246	20.0	20.2	a
44 Propionitrile	54	6.501	6.501	0.000	95	110374	100.0	101.5	
45 Methyl acrylate	55	6.533	6.533	0.000	99	131766	20.0	20.1	
46 Methacrylonitrile	67	6.713	6.713	0.000	90	132108	50.0	49.2	
47 Chlorobromomethane	128	6.762	6.762	0.000	84	83537	20.0	20.5	a
48 Tetrahydrofuran	71	6.768	6.768	0.000	81	100977	100.0	100.1	
49 Chloroform	83	6.903	6.903	0.000	93	242368	20.0	19.8	
\$ 50 Dibromofluoromethane (Surr)	113	7.115	7.115	0.000	94	303149	50.0	50.4	
51 1,1,1-Trichloroethane	97	7.128	7.128	0.000	97	255353	20.0	20.4	
52 Cyclohexane	56	7.222	7.222	0.000	87	216927	20.0	20.3	a
53 Carbon tetrachloride	117	7.331	7.331	0.000	96	239606	20.0	20.4	
54 1,1-Dichloropropene	75	7.337	7.337	0.000	96	164754	20.0	20.3	
55 Isobutyl alcohol	41	7.501	7.501	0.000	93	83455	250.0	240.3	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.575	7.575	0.000	96	67935	50.0	50.1	
57 Benzene	78	7.594	7.594	0.000	96	489558	20.0	20.3	M
59 1,2-Dichloroethane	62	7.672	7.672	0.000	98	158746	20.0	20.3	
60 Tert-amyl methyl ether	73	7.781	7.781	0.000	98	351394	20.0	19.6	M
* 62 Fluorobenzene (IS)	96	8.000	8.000	0.000	98	1058591	50.0	50.0	
63 n-Heptane	43	8.003	8.003	0.000	45	130859	20.0	21.1	
64 n-Butanol	56	8.363	8.363	0.000	88	64891	250.0	244.4	
65 Trichloroethene	95	8.463	8.463	0.000	94	140798	20.0	19.8	a
66 Ethyl acrylate	55	8.582	8.582	0.000	98	151805	20.0	20.0	
67 Methylcyclohexane	83	8.768	8.768	0.000	88	264703	20.0	20.7	
68 2-ethoxy-2-methyl butane	87	8.803	8.803	0.000	94	193357	20.0	20.0	
69 1,2-Dichloropropane	63	8.803	8.803	0.000	71	115400	20.0	20.3	
70 Methyl methacrylate	69	8.884	8.884	0.000	86	89600	20.0	20.3	
71 1,4-Dioxane	88	8.893	8.893	0.000	38	23915	250.0	260.5	
72 Dibromomethane	93	8.906	8.906	0.000	89	85577	20.0	20.3	
74 Dichlorobromomethane	83	9.138	9.138	0.000	99	167384	20.0	19.9	
75 2-Nitropropane	41	9.411	9.411	0.000	98	174919	100.0	100.9	
76 2-Chloroethyl vinyl ether	63	9.488	9.488	0.000	93	73573	20.0	20.3	
77 cis-1,3-Dichloropropene	75	9.659	9.659	0.000	96	181237	20.0	20.2	
78 4-Methyl-2-pentanone (MIBK)	43	9.826	9.826	0.000	96	268861	40.0	37.9	
\$ 79 Toluene-d8 (Surr)	98	9.951	9.951	0.000	93	1057998	50.0	50.1	
118 Toluene	92	10.022	10.022	0.000	99	331328	20.0	20.3	
S 119 1,3-Dichloropropene, Total	100				0			40.3	
120 trans-1,3-Dichloropropene	75	10.270	10.270	0.000	91	165832	20.0	20.1	
121 Ethyl methacrylate	69	10.321	10.321	0.000	87	155682	20.0	20.0	
122 1,1,2-Trichloroethane	97	10.469	10.469	0.000	91	114561	20.0	19.9	M
123 Tetrachloroethene	166	10.543	10.543	0.000	98	187352	20.0	20.4	
124 1,3-Dichloropropane	76	10.623	10.623	0.000	88	175261	20.0	20.3	
126 2-Hexanone	43	10.675	10.675	0.000	95	181479	40.0	37.5	
128 Chlorodibromomethane	129	10.829	10.829	0.000	89	152166	20.0	20.3	
129 Ethylene Dibromide	107	10.938	10.938	0.000	99	126356	20.0	20.4	
S 130 Xylenes, Total	106				0			62.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	84	859548	50.0	50.0	
132 1-Chlorohexane	91	11.356	11.356	0.000	93	183510	20.0	19.8	
133 Chlorobenzene	112	11.379	11.379	0.000	97	393107	20.0	20.3	
134 1,1,1,2-Tetrachloroethane	131	11.456	11.456	0.000	96	174387	20.0	20.4	
135 Ethylbenzene	91	11.459	11.459	0.000	98	663215	20.0	20.5	
136 m-Xylene & p-Xylene	106	11.569	11.569	0.000	100	534888	40.0	41.6	
137 n-Butyl acrylate	55	11.836	11.836	0.000	97	216246	20.0	20.0	
138 o-Xylene	106	11.893	11.893	0.000	96	274676	20.0	20.5	
139 Styrene	104	11.906	11.906	0.000	94	419118	20.0	20.6	
140 Bromoform	173	12.061	12.061	0.000	98	114679	20.0	20.5	
141 Isopropylbenzene	105	12.183	12.183	0.000	95	781330	20.0	21.1	
143 Cyclohexanone	55	12.270	12.270	0.000	90	159474	500.0	505.7	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.324	12.324	0.000	98	398783	50.0	50.0	
145 1,1,2,2-Tetrachloroethane	83	12.424	12.424	0.000	95	183749	20.0	20.2	
146 Bromobenzene	156	12.443	12.443	0.000	91	191632	20.0	20.1	
147 trans-1,4-Dichloro-2-butene	53	12.450	12.450	0.000	87	114831	50.0	50.4	
148 1,2,3-Trichloropropane	110	12.472	12.472	0.000	83	64024	20.0	20.6	
149 N-Propylbenzene	91	12.504	12.504	0.000	98	845443	20.0	21.1	
150 2-Chlorotoluene	126	12.581	12.581	0.000	98	184965	20.0	20.3	
151 1,3,5-Trimethylbenzene	105	12.636	12.636	0.000	94	659714	20.0	20.9	
152 4-Chlorotoluene	126	12.675	12.675	0.000	96	179486	20.0	20.5	
154 tert-Butylbenzene	134	12.877	12.877	0.000	92	140142	20.0	20.0	
155 1,2,4-Trimethylbenzene	105	12.916	12.916	0.000	97	669348	20.0	20.8	
157 sec-Butylbenzene	105	13.038	13.038	0.000	94	843711	20.0	21.1	
158 1,3-Dichlorobenzene	146	13.135	13.135	0.000	98	367149	20.0	20.5	
159 4-Isopropyltoluene	119	13.141	13.141	0.000	97	759259	20.0	21.1	
* 160 1,4-Dichlorobenzene-d4	152	13.192	13.192	0.000	92	518515	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.208	13.208	0.000	96	363032	20.0	20.3	
162 1,2,3-Trimethylbenzene	105	13.218	13.218	0.000	98	674592	20.0	20.6	
163 Benzyl chloride	91	13.286	13.286	0.000	98	319854	20.0	19.7	
164 1,3-Diethylbenzene	119	13.337	13.337	0.000	96	414171	20.0	20.9	
165 p-Diethylbenzene	119	13.411	13.411	0.000	94	431083	20.0	20.8	
166 n-Butylbenzene	92	13.430	13.430	0.000	97	323916	20.0	21.0	
167 1,2-Dichlorobenzene	146	13.469	13.469	0.000	99	362668	20.0	20.3	
168 o-diethylbenzene	119	13.482	13.482	0.000	94	366200	20.0	20.7	
170 1,2-Dibromo-3-Chloropropane	75	13.999	13.999	0.000	92	47252	20.0	19.3	
171 1,3,5-Trichlorobenzene	180	14.122	14.122	0.000	97	301682	20.0	20.5	
172 1,2,4-Trichlorobenzene	180	14.543	14.543	0.000	94	277374	20.0	20.3	
173 2-Ethylhexyl acrylate	55	14.598	14.598	0.000	82	208440	20.0	19.4	
174 Hexachlorobutadiene	225	14.626	14.626	0.000	95	120293	20.0	21.2	
175 Naphthalene	128	14.729	14.729	0.000	96	820728	20.0	20.2	
176 1,2,3-Trichlorobenzene	180	14.874	14.874	0.000	96	285664	20.0	20.4	
177 2-Methylnaphthalene	142	15.514	15.514	0.000	92	472166	20.0	19.8	
S 238 Total Diethylbenzene	1				0			62.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00254	Amount Added: 4.00	Units: uL	
MSV_CCV_GASES_01121	Amount Added: 2.00	Units: uL	
MSV_CCV_VOC#3_00256	Amount Added: 3.20	Units: uL	
MSV_CCV_2CEVE_00247	Amount Added: 4.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 16.00	Units: uL	
MSV_CCV_ETOH_00011	Amount Added: 16.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 4.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent
MSV_V_SMFreon_00052	Amount Added: 0.00	Units:	Run Reagent

Report Date: 23-Sep-2025 09:36:18

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D

Injection Date: 22-Sep-2025 19:10:58

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC v20

Worklist Smp#: 15

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

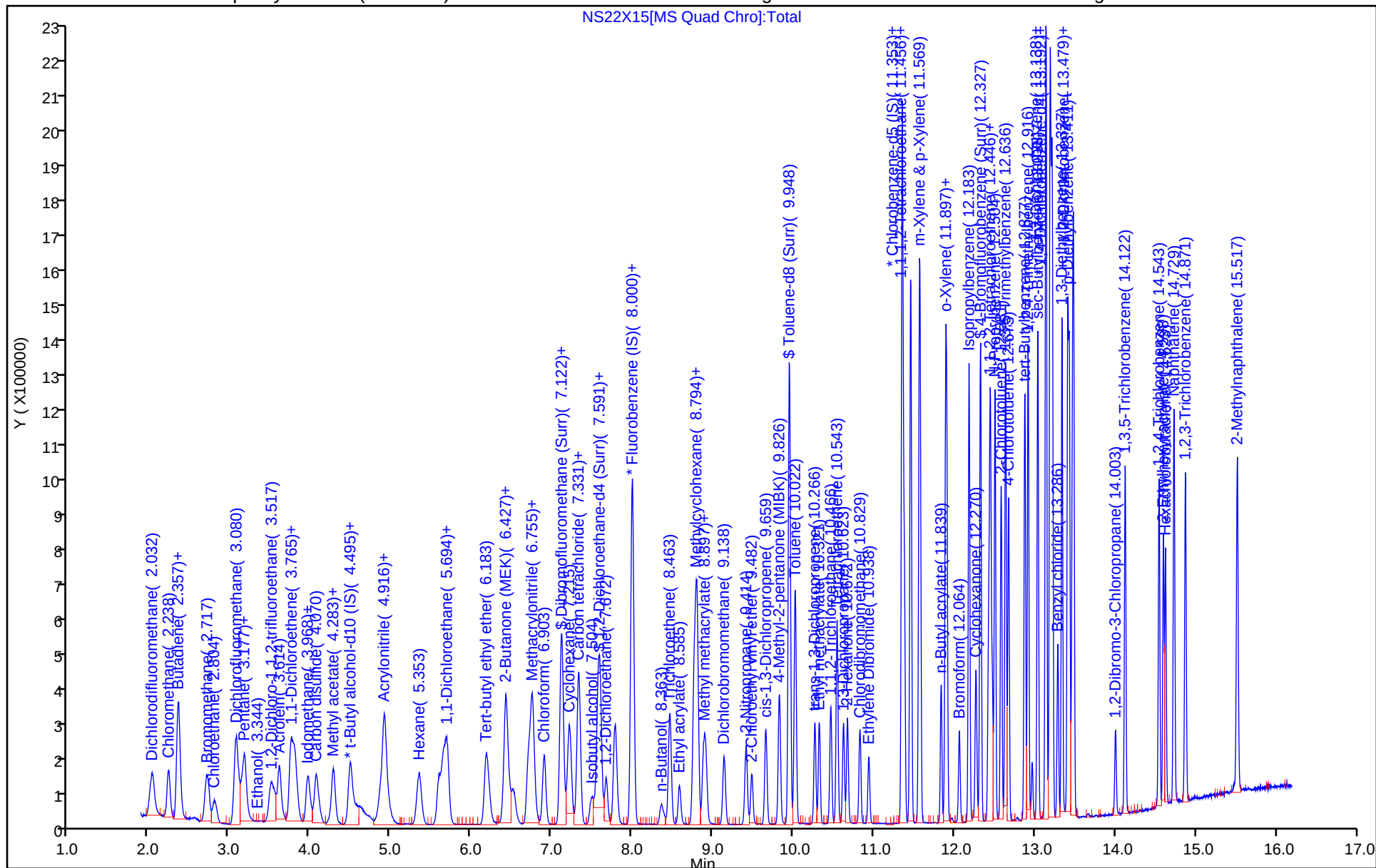
ALS Bottle#: 14

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

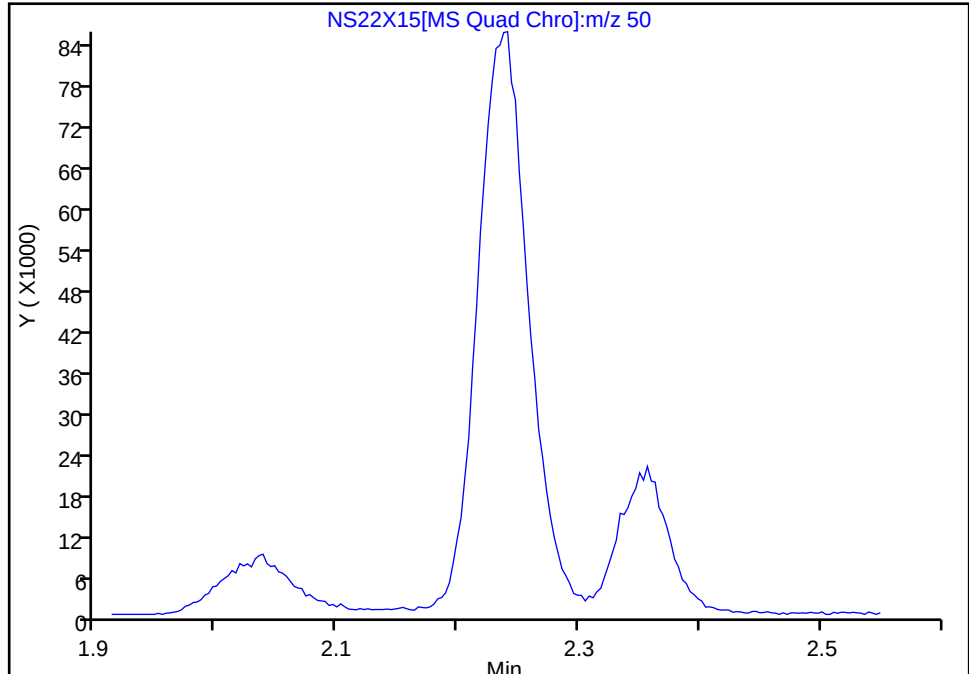
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Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

4 Chloromethane, CAS: 74-87-3

Signal: 1

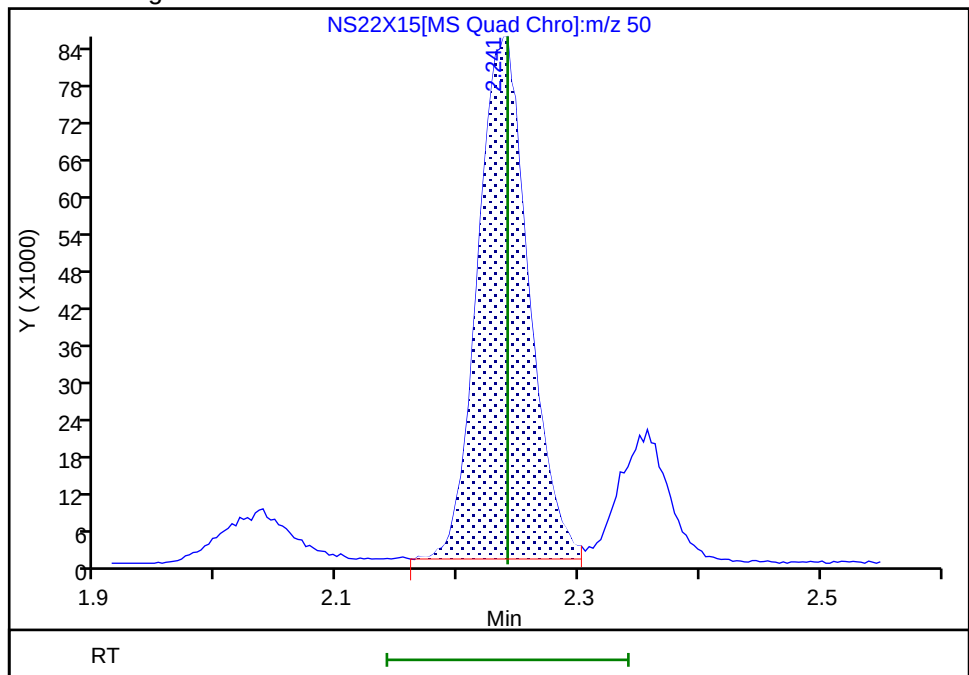
Not Detected
Expected RT: 2.24

Processing Integration Results



Manual Integration Results

RT: 2.24
Area: 250020
Amount: 19.880946
Amount Units: ug/l



Reviewer: UKAD, 22-Sep-2025 21:29:43 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

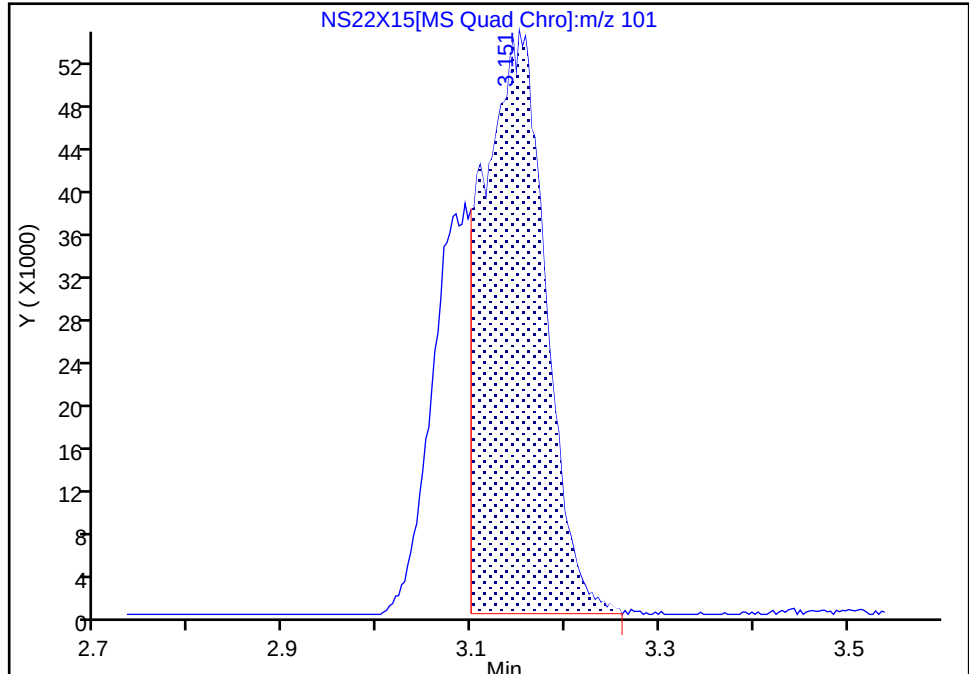
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Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

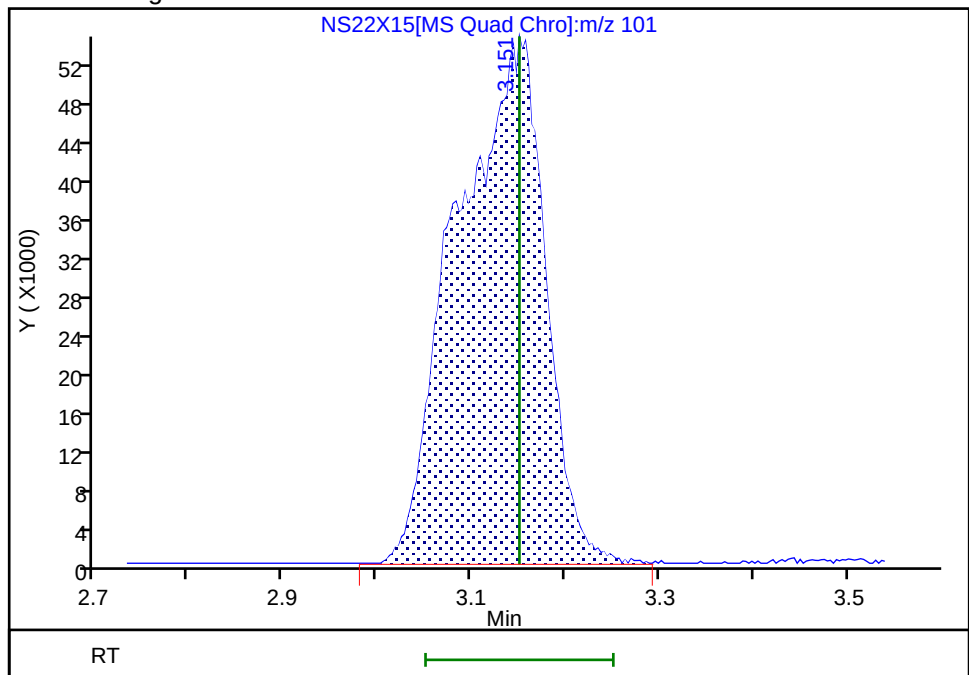
RT: 3.15
Area: 252550
Amount: 14.534466
Amount Units: ug/l

Processing Integration Results



RT: 3.15
Area: 354075
Amount: 20.834712
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:29:51 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

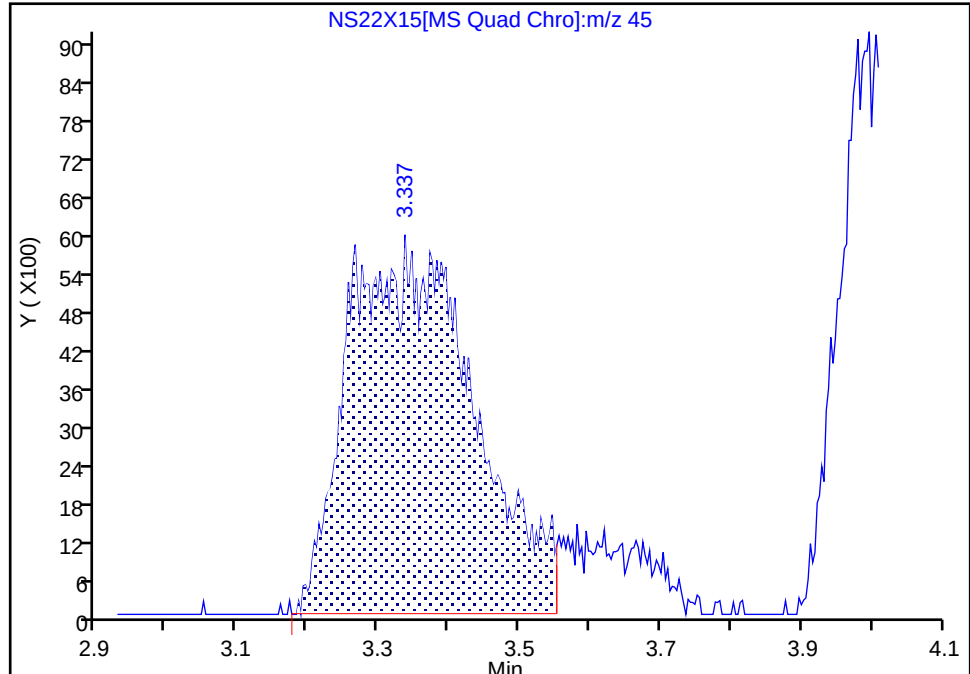
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Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

13 Ethanol, CAS: 64-17-5

Signal: 1

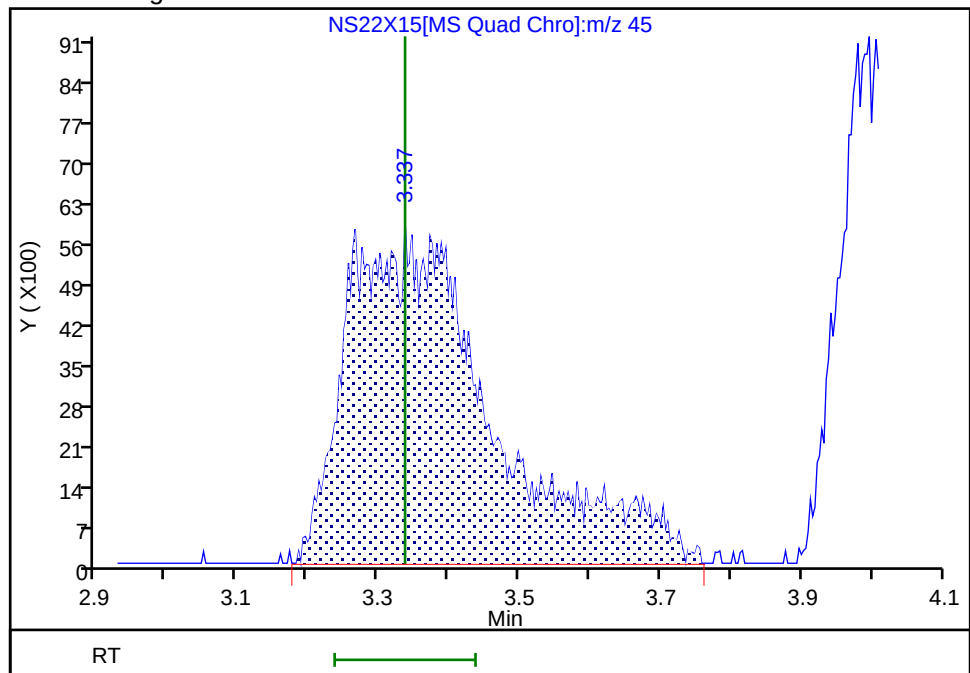
RT: 3.34
Area: 72363
Amount: 895.9312
Amount Units: ug/l

Processing Integration Results



RT: 3.34
Area: 82301
Amount: 1001.3714
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:23:02 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

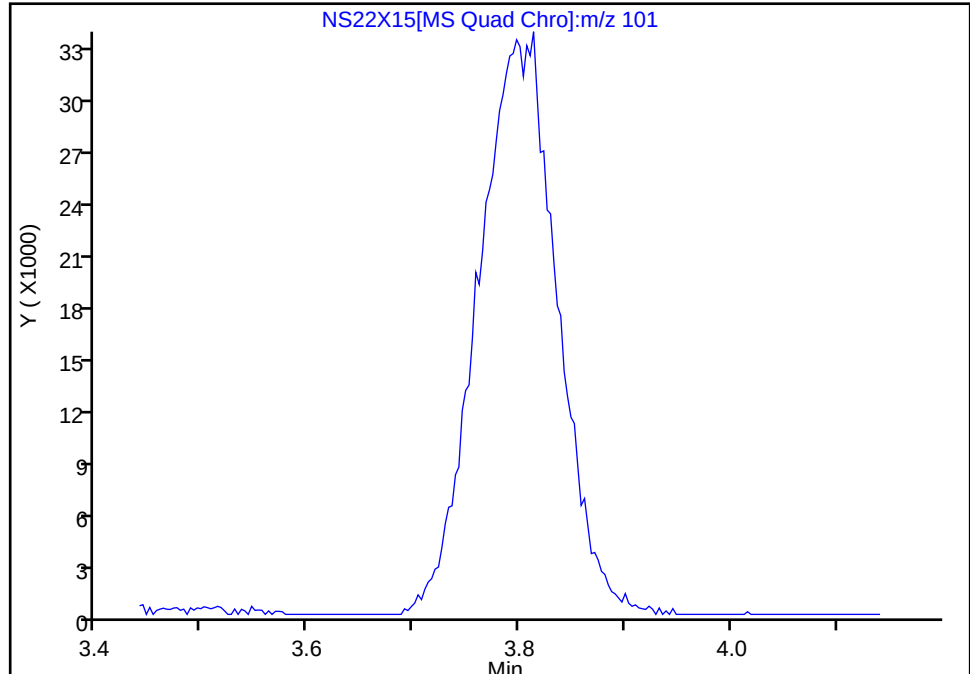
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Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

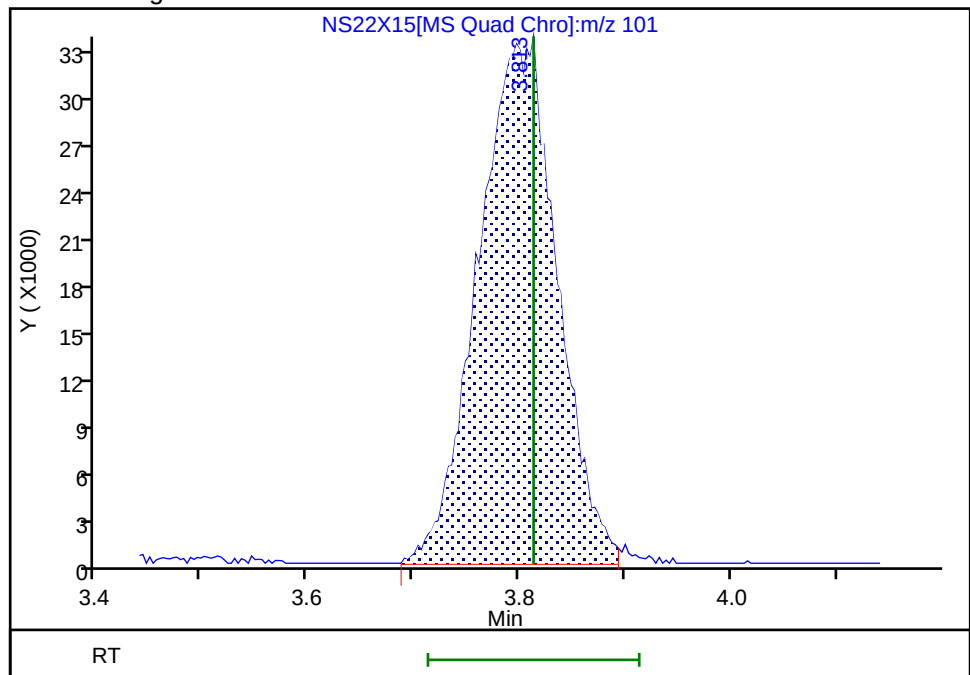
Not Detected
Expected RT: 3.81

Processing Integration Results



RT: 3.81
Area: 174295
Amount: 20.614173
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:30:00 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

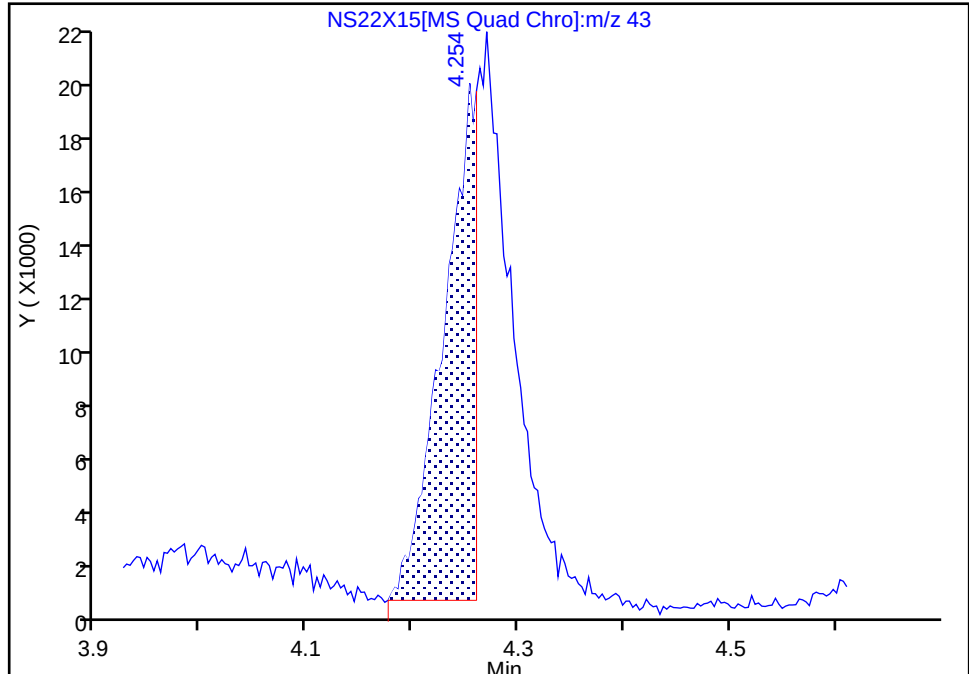
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Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

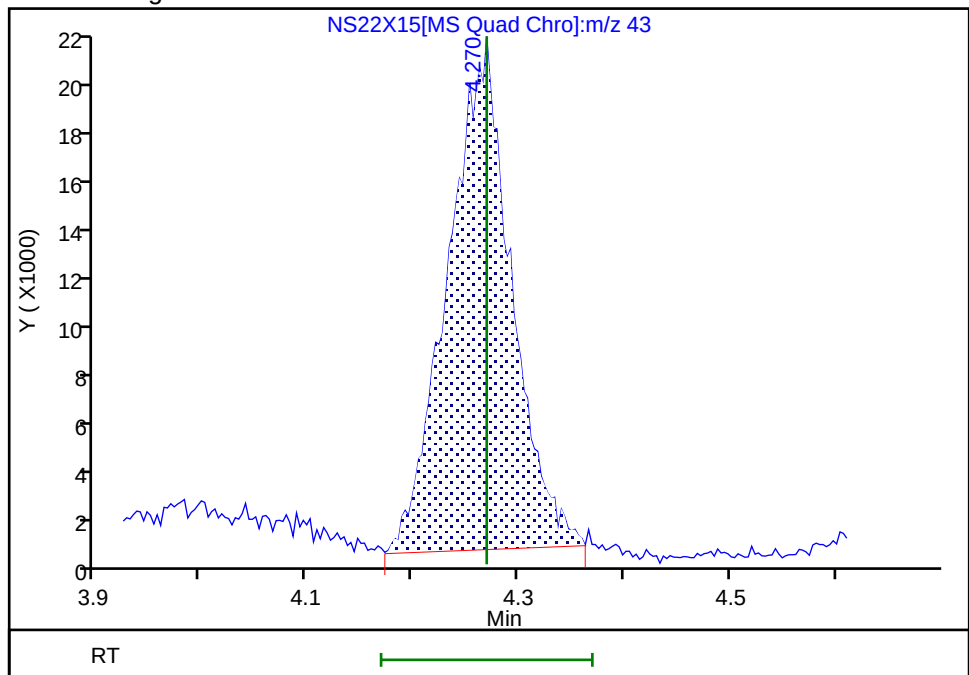
RT: 4.25
Area: 40581
Amount: 11.296866
Amount Units: ug/l

Processing Integration Results



RT: 4.27
Area: 84466
Amount: 19.171608
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:30:09 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

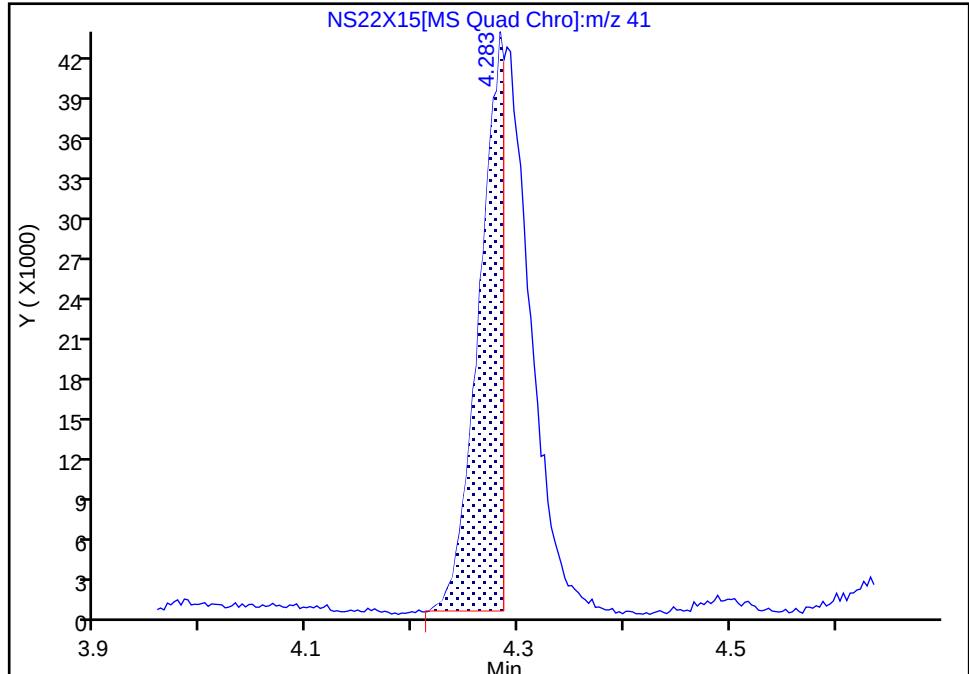
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Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

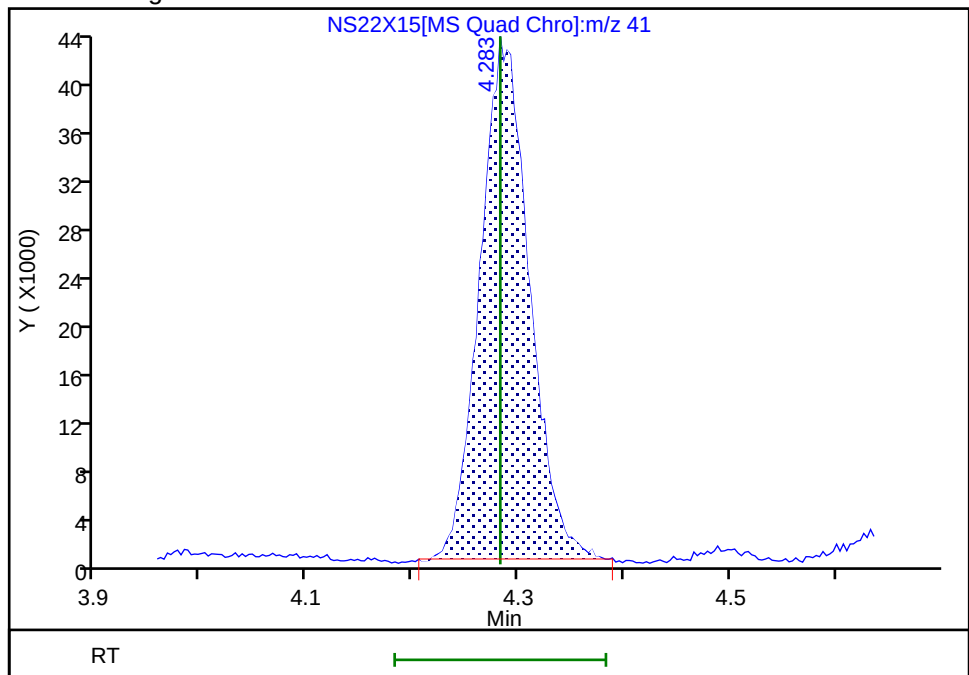
RT: 4.28
Area: 70500
Amount: 16.810884
Amount Units: ug/l

Processing Integration Results



RT: 4.28
Area: 138858
Amount: 20.358540
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:30:15 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

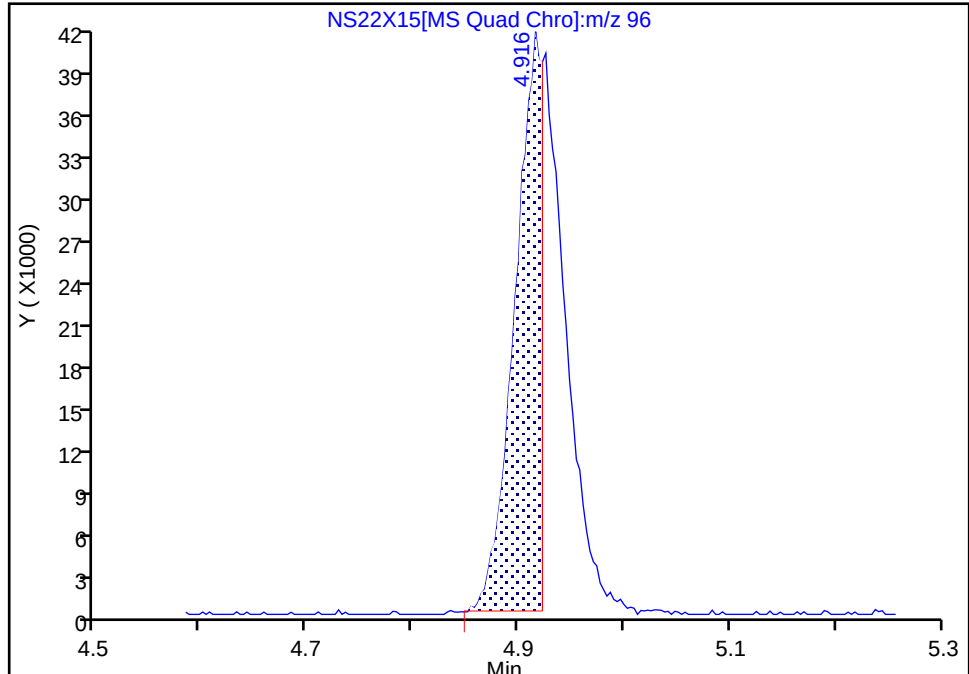
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Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

31 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

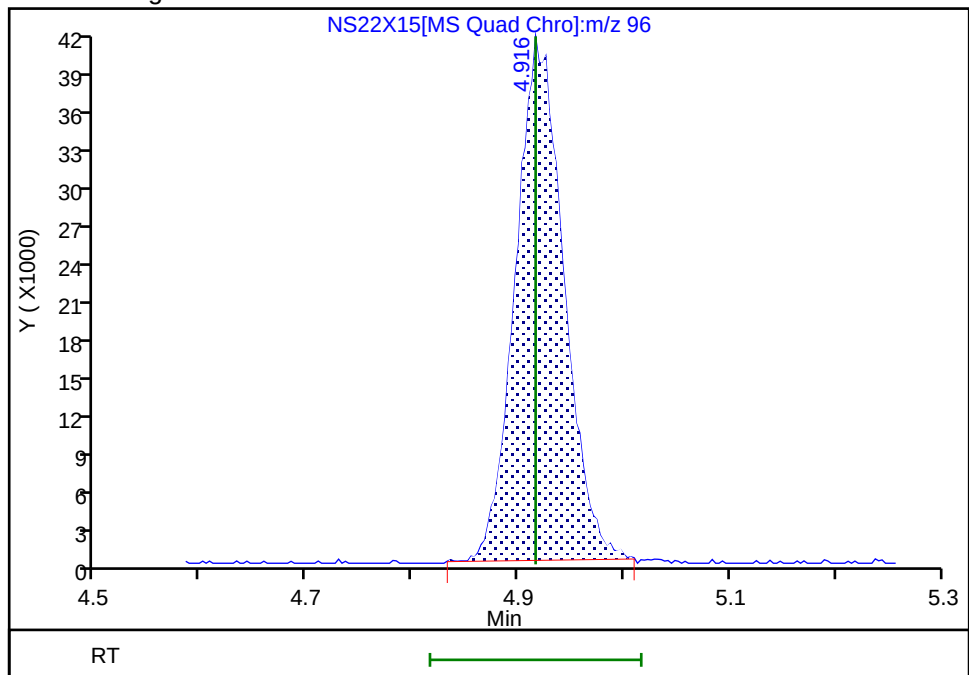
RT: 4.92
Area: 73379
Amount: 15.623331
Amount Units: ug/l

Processing Integration Results



RT: 4.92
Area: 128949
Amount: 19.779323
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:30:23 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

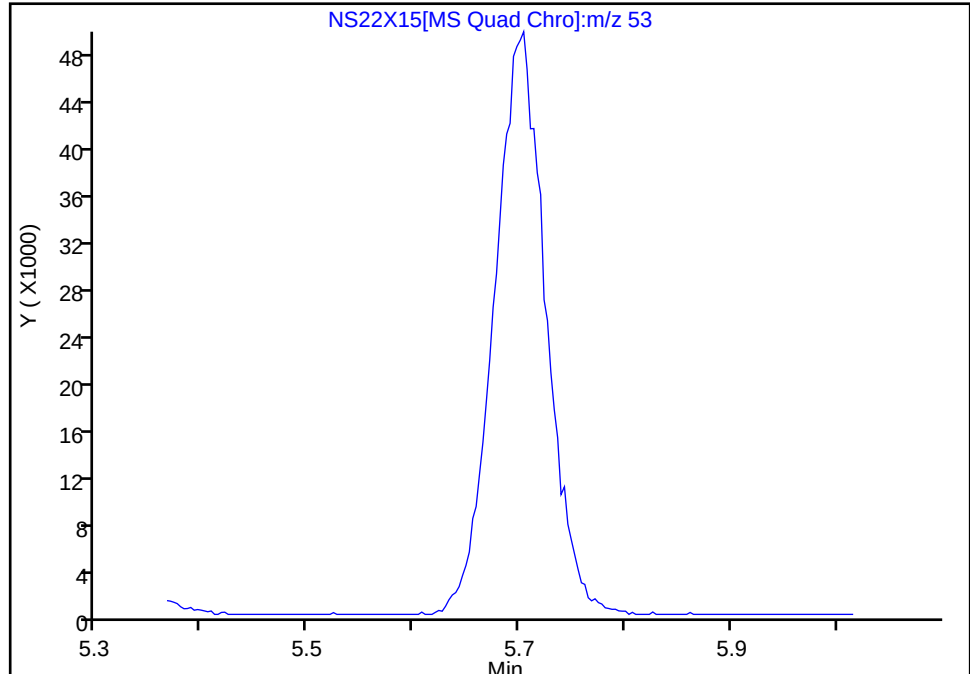
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Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

37 2-Chloro-1,3-butadiene, CAS: 126-99-8

Signal: 1

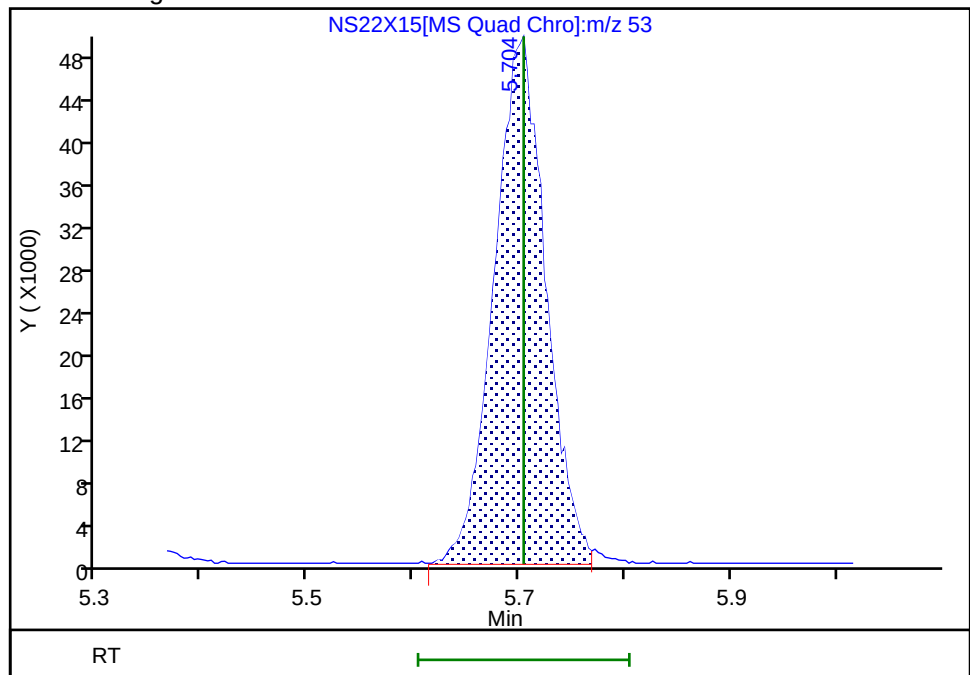
Not Detected
Expected RT: 5.70

Processing Integration Results



Manual Integration Results

RT: 5.70
Area: 167637
Amount: 20.335194
Amount Units: ug/l



Reviewer: UKAD, 22-Sep-2025 21:30:28 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

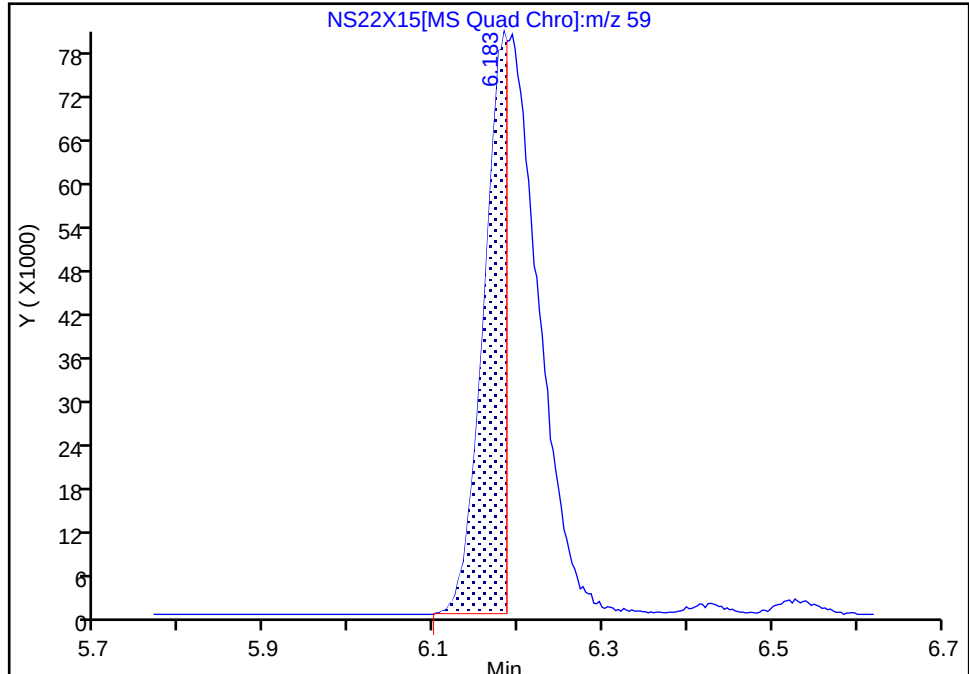
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Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

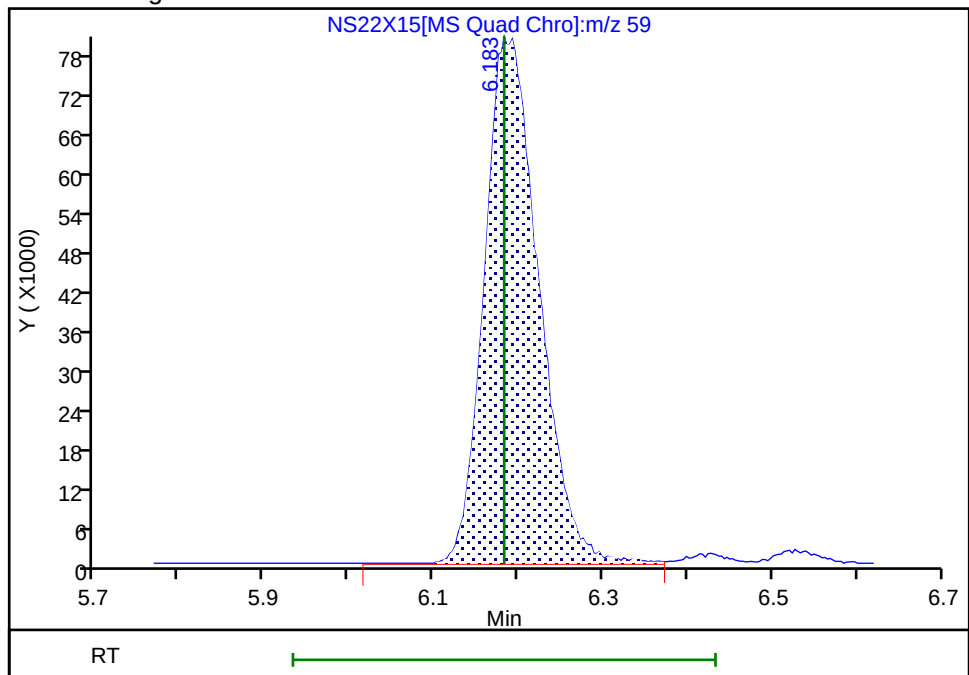
RT: 6.18
Area: 153510
Amount: 13.762569
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 355435
Amount: 20.090836
Amount Units: ug/l

Manual Integration Results



Reviewer: UKEK, 23-Sep-2025 09:06:11 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Other

Eurofins Lancaster Laboratories Environment Testing, LLC

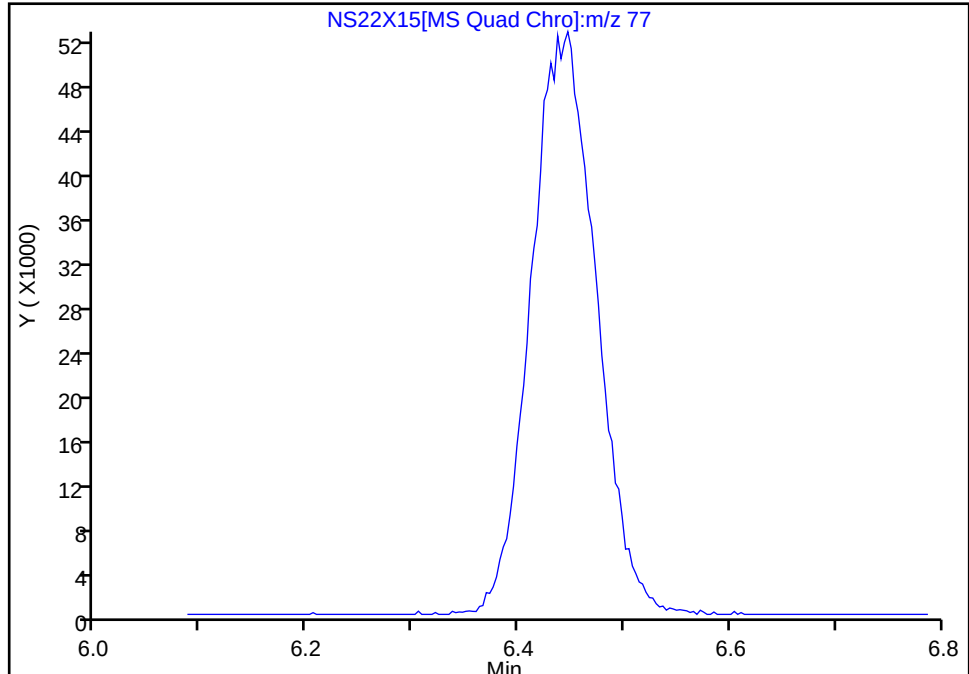
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

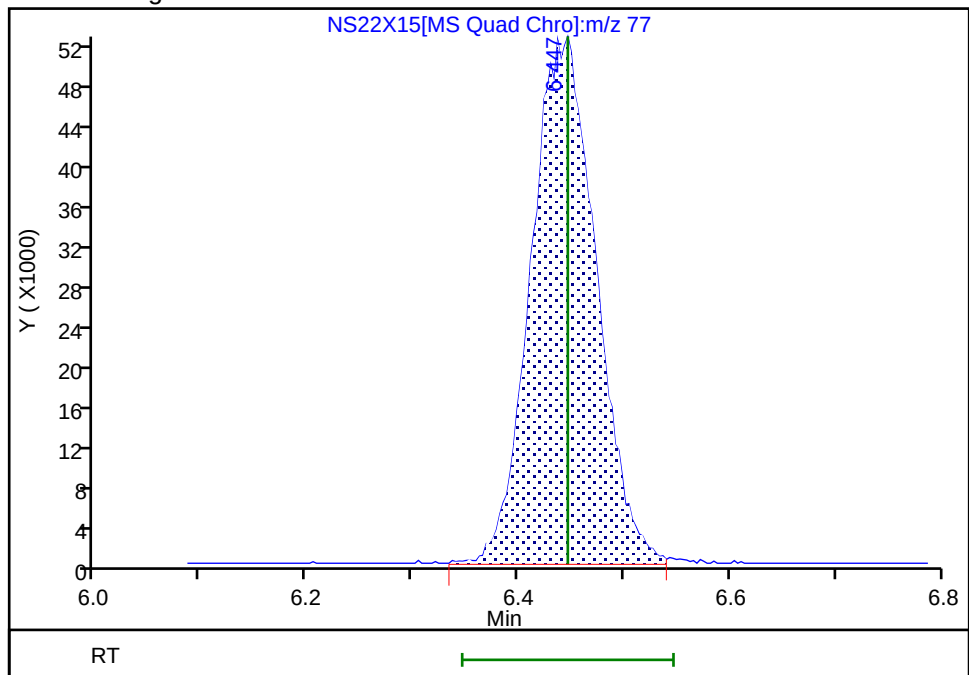
Not Detected
Expected RT: 6.45

Processing Integration Results



Manual Integration Results

RT: 6.45
Area: 223246
Amount: 20.192303
Amount Units: ug/l



Reviewer: UKAD, 22-Sep-2025 21:30:40 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

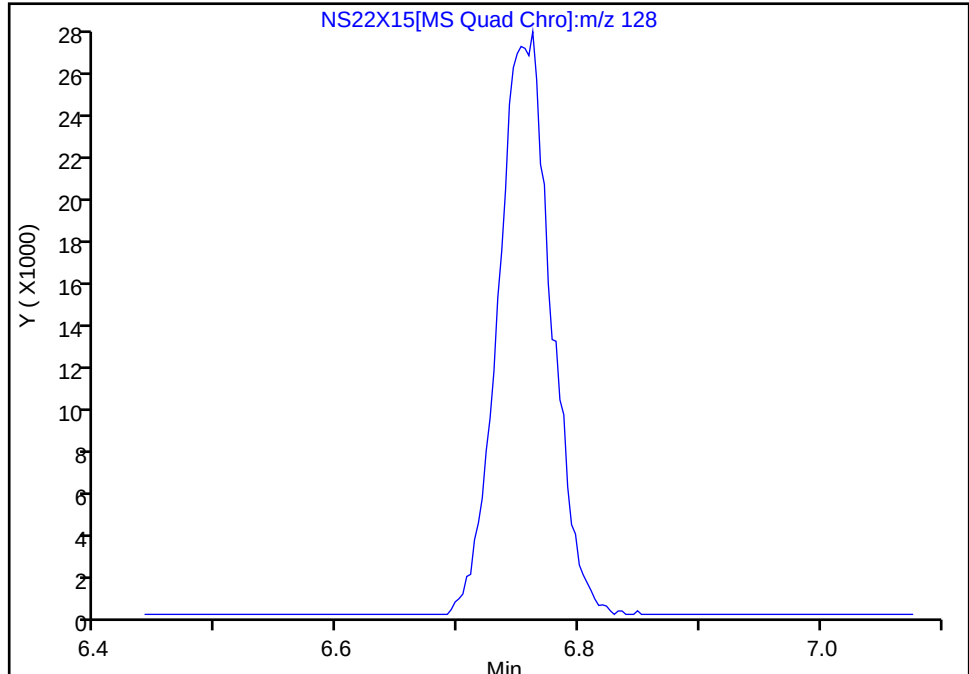
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

47 Chlorobromomethane, CAS: 74-97-5

Signal: 1

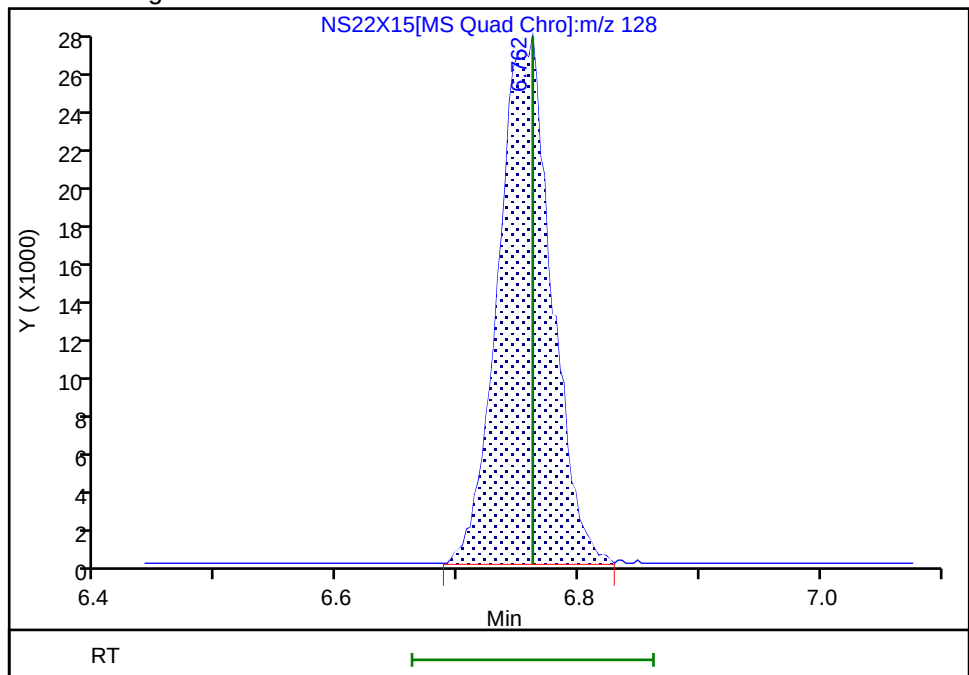
Not Detected
Expected RT: 6.76

Processing Integration Results



RT: 6.76
Area: 83537
Amount: 20.468224
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:30:47 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

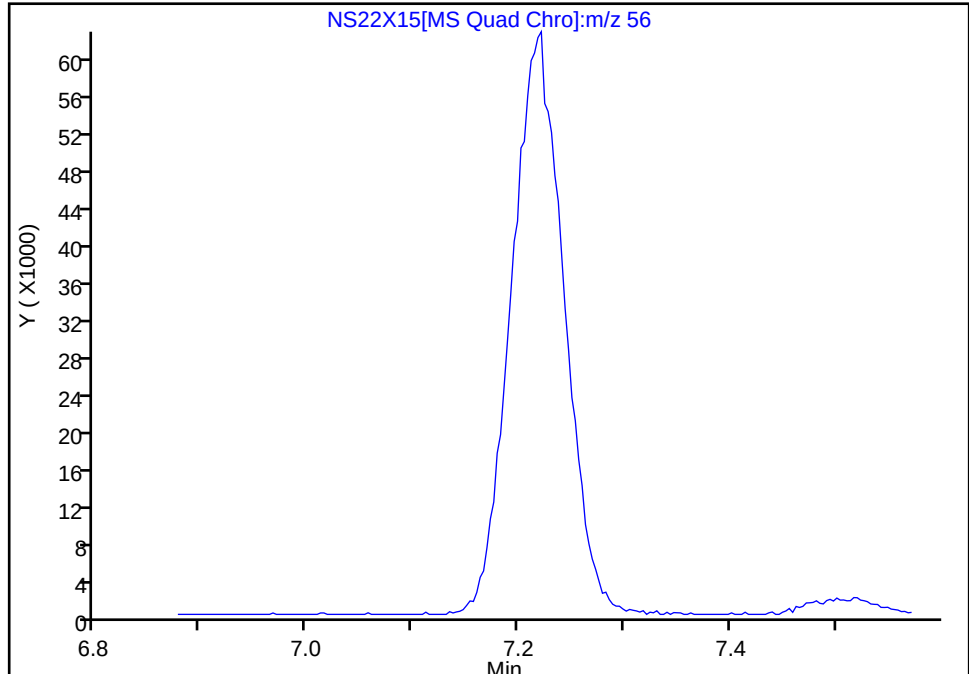
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

52 Cyclohexane, CAS: 110-82-7

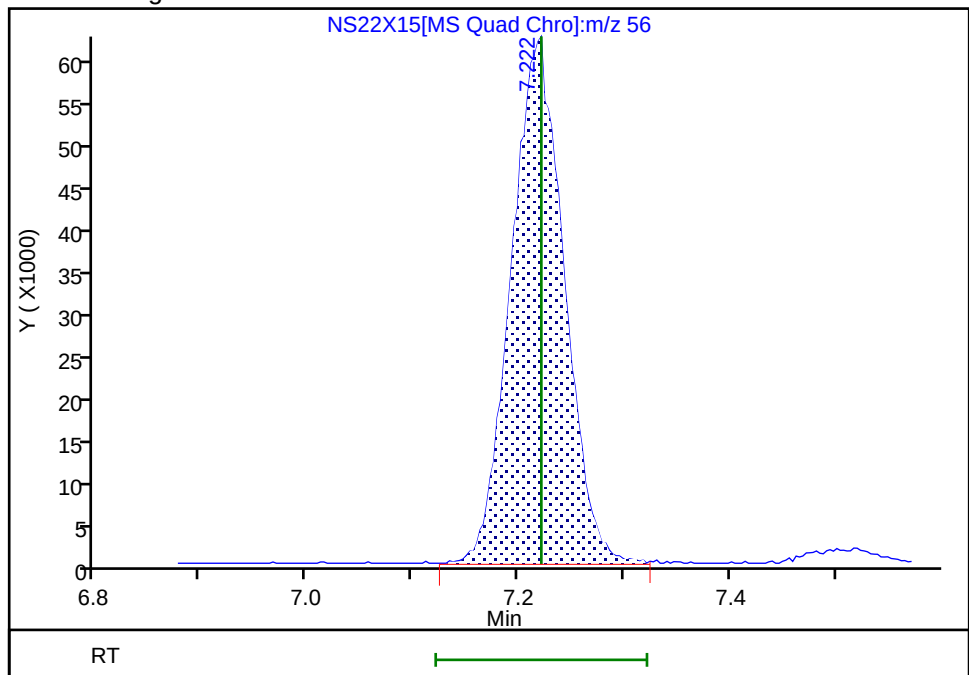
Signal: 1

Not Detected
Expected RT: 7.22

Processing Integration Results



Manual Integration Results



RT: 7.22
Area: 216927
Amount: 20.324202
Amount Units: ug/l

Reviewer: UKAD, 22-Sep-2025 21:30:54 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

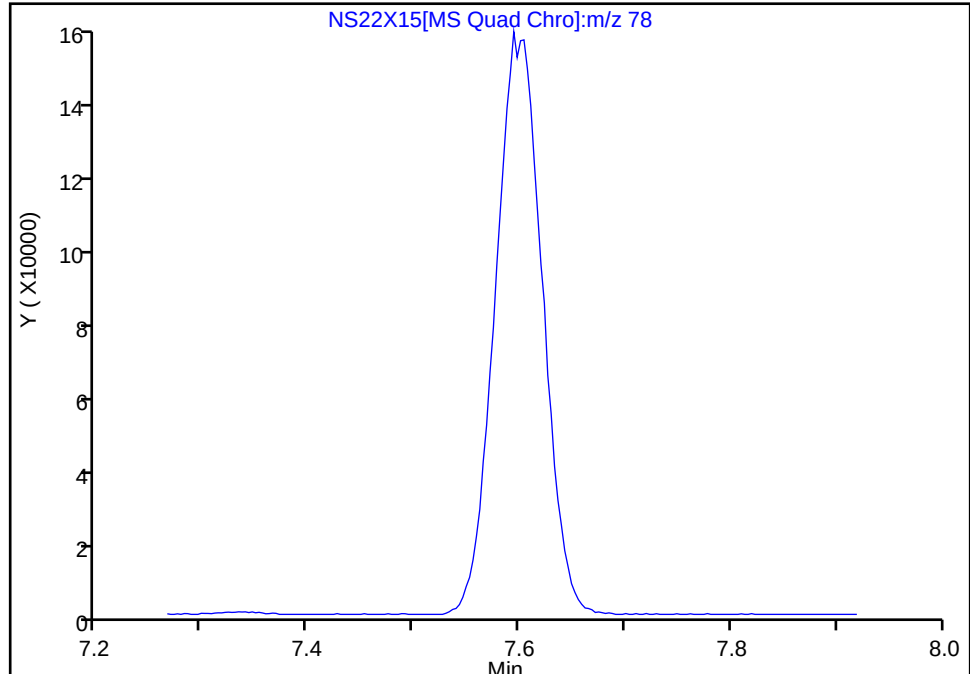
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

57 Benzene, CAS: 71-43-2

Signal: 1

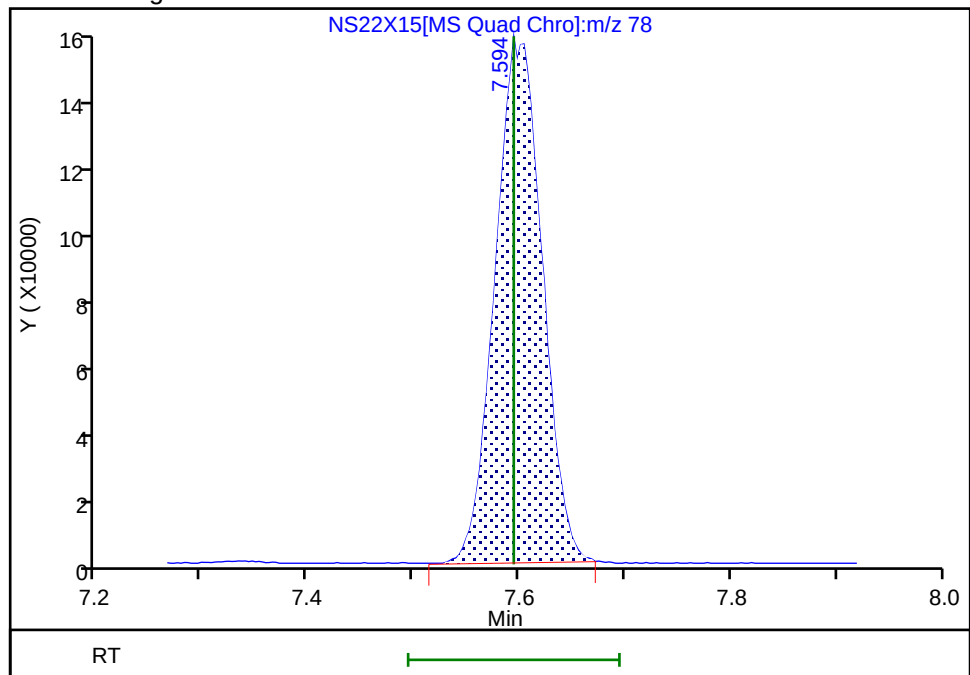
Not Detected
Expected RT: 7.59

Processing Integration Results



Manual Integration Results

RT: 7.59
Area: 489558
Amount: 20.329471
Amount Units: ug/l



Reviewer: UKAD, 22-Sep-2025 21:24:54 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

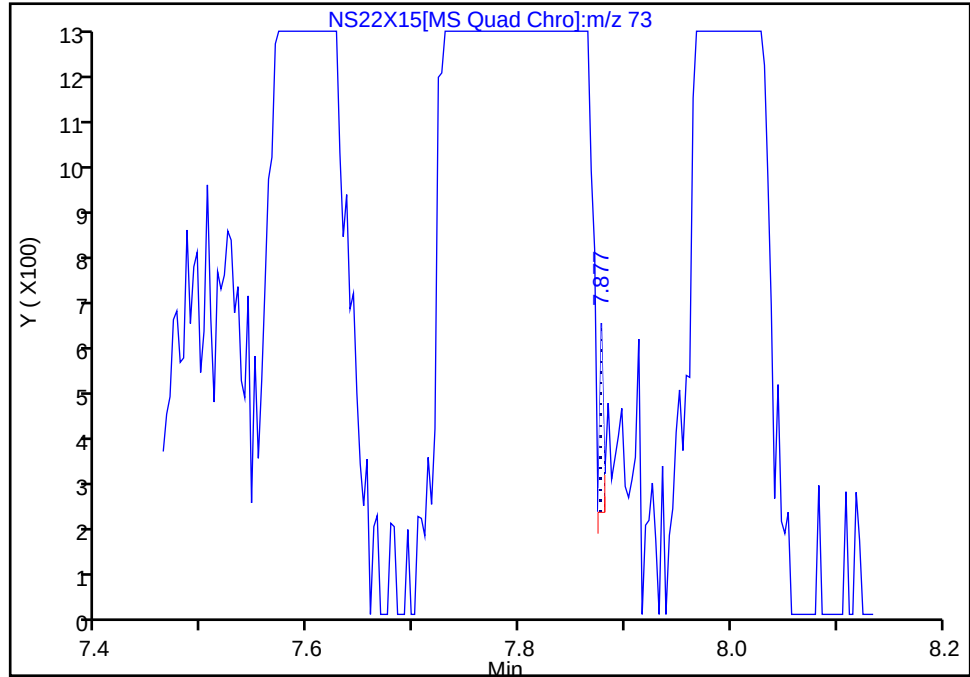
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

60 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

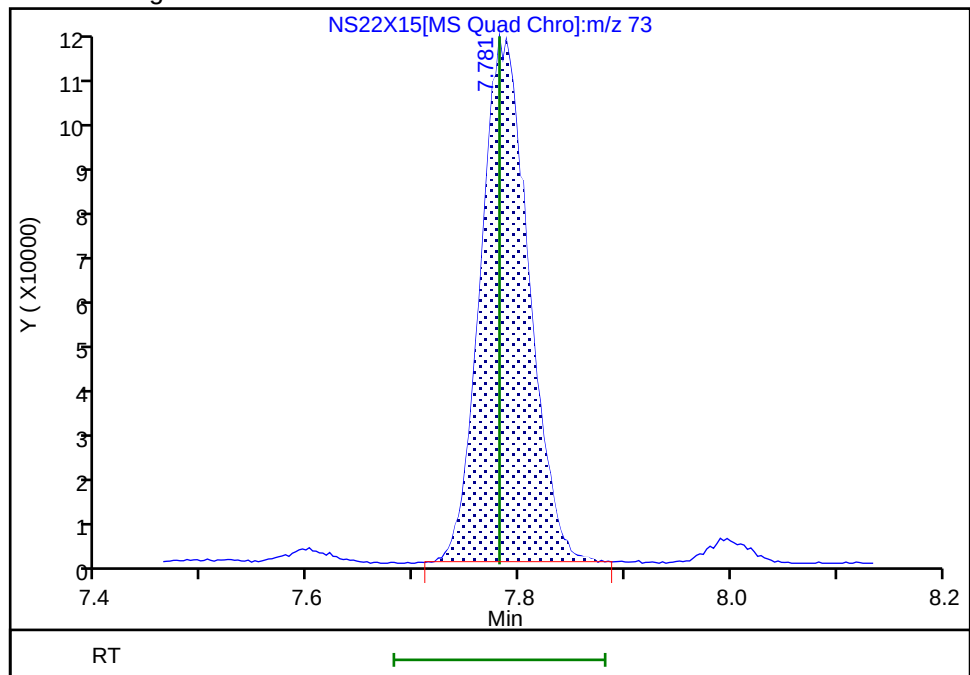
RT: 7.88
Area: 90
Amount: 0.009874
Amount Units: ug/l

Processing Integration Results



RT: 7.78
Area: 351394
Amount: 19.646810
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:31:13 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

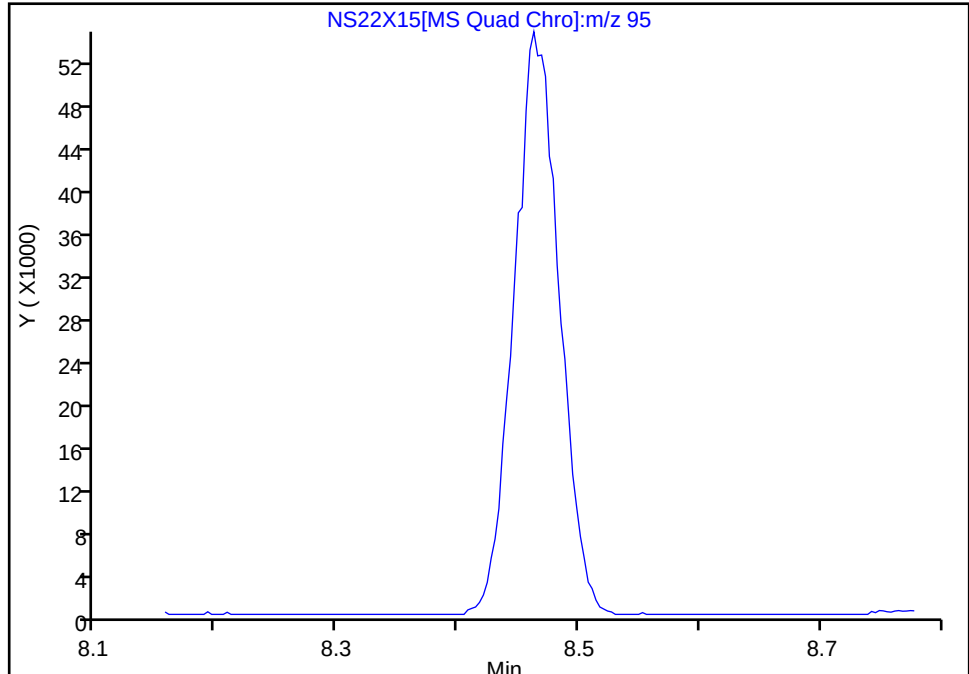
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

65 Trichloroethene, CAS: 79-01-6

Signal: 1

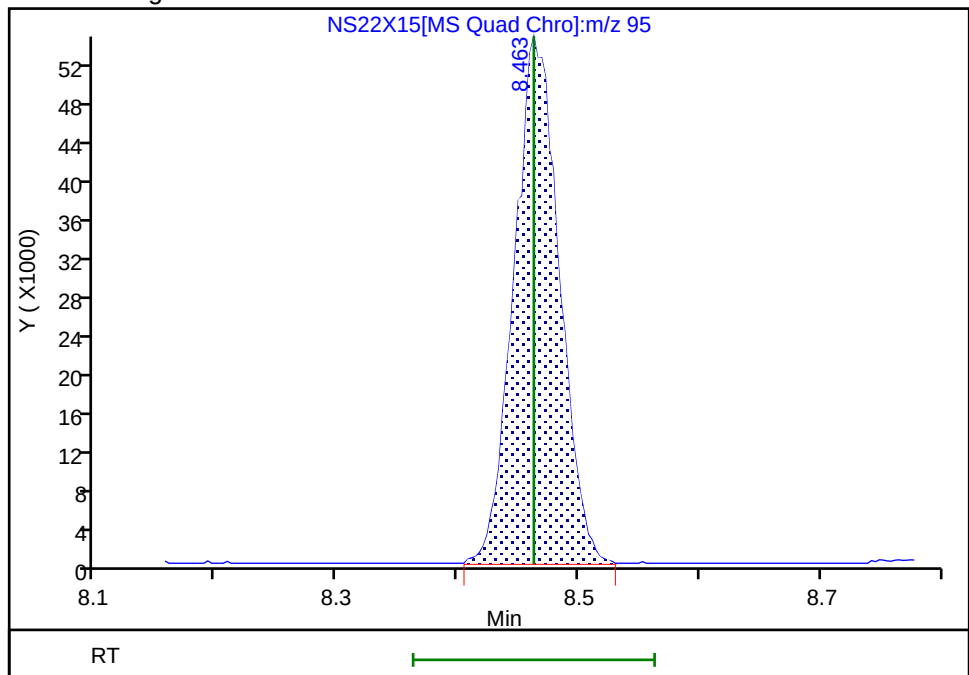
Not Detected
Expected RT: 8.46

Processing Integration Results



RT: 8.46
Area: 140798
Amount: 19.784381
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:31:19 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

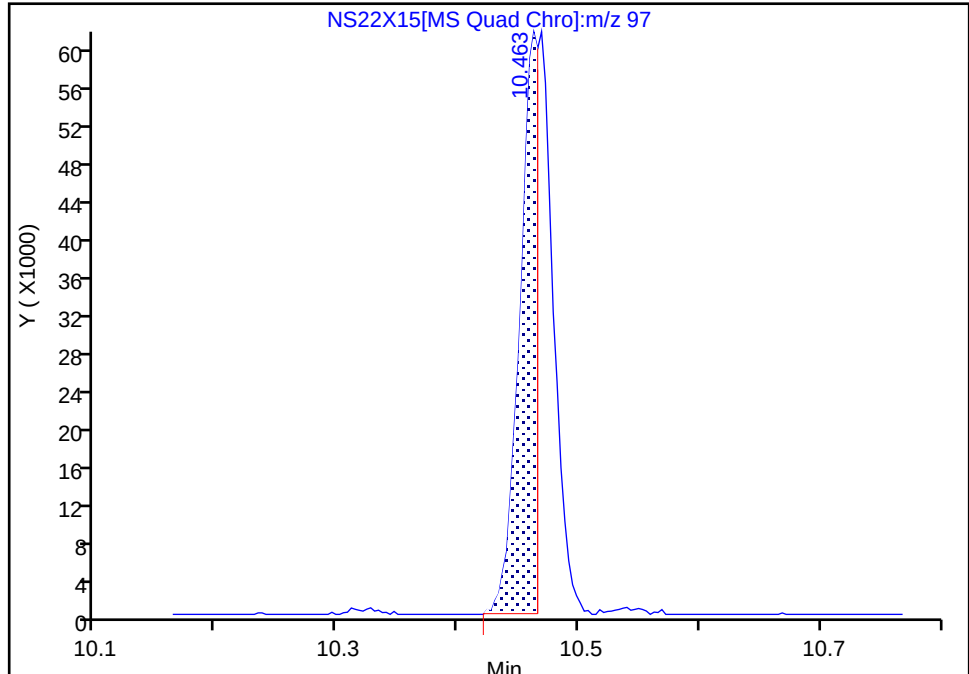
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

122 1,1,2-Trichloroethane, CAS: 79-00-5
Signal: 1

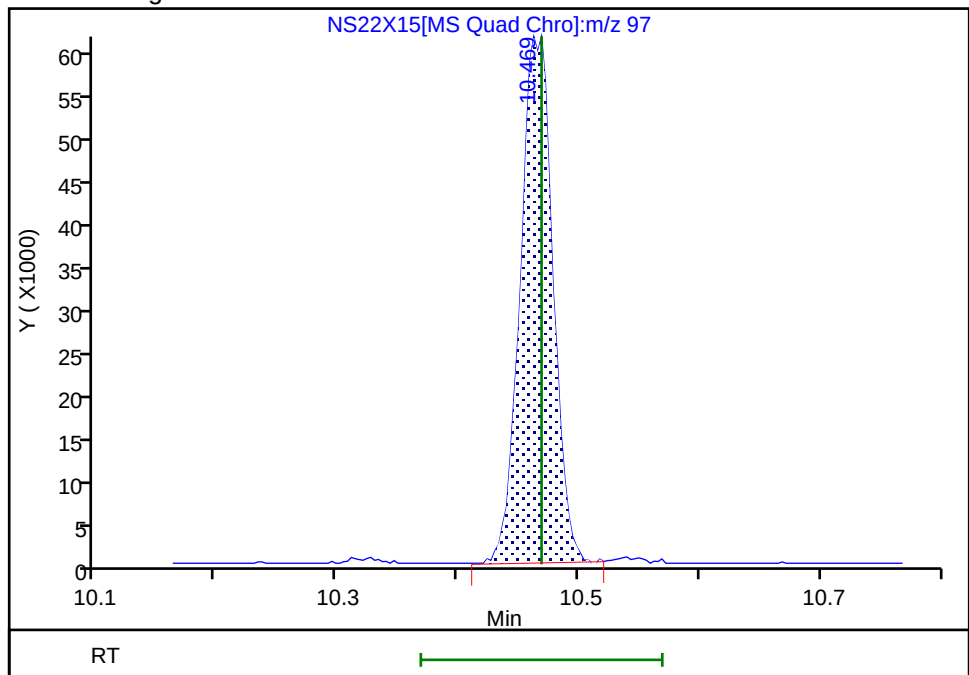
RT: 10.46
Area: 65724
Amount: 12.754789
Amount Units: ug/l

Processing Integration Results



RT: 10.47
Area: 114561
Amount: 19.919022
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:31:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X16.D
 Lims ID: ICIS v50
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 22-Sep-2025 19:30:37 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-016
 Misc. Info.: ICIS V50
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub47
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:36:24 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: UKEK

Date: 23-Sep-2025 09:25:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.984					ND	
3 Chlorodifluoromethane	51		2.041					ND	U
2 Dichlorodifluoromethane	85	2.025	2.025	0.000	99	1040500	50.0	58.6	
4 Chloromethane	50	2.231	2.231	0.000	99	659018	50.0	51.8	
5 Butadiene	39	2.350	2.350	0.000	95	450791	50.0	54.8	
6 Vinyl chloride	62	2.363	2.363	0.000	98	707764	50.0	55.0	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.443					ND	U
8 Bromomethane	94	2.704	2.704	0.000	92	522605	50.0	52.3	
9 Chloroethane	64	2.810	2.810	0.000	100	309644	50.0	52.4	
10 Dichlorofluoromethane	67	3.074	3.074	0.000	97	888172	50.0	52.7	
11 Trichlorofluoromethane	101	3.141	3.141	0.000	97	978301	50.0	56.9	
12 Pentane	43	3.176	3.176	0.000	97	396742	50.0	49.8	
13 Ethanol	45	3.328	3.328	0.000	25	118824	1249.9	1380.6	M
15 1,2-Dichloro-1,1,2-trifluoroethane	67	3.511	3.511	0.000	84	421494	50.0	54.8	
16 Acrolein	56	3.607	3.607	0.000	99	694031	487.9	488.5	
17 1,1-Dichloroethene	96	3.752	3.752	0.000	95	289711	50.0	49.0	
19 Acetone	58	3.794	3.794	0.000	83	71661	100.0	99.8	
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.791	3.791	0.000	87	440791	50.0	51.5	
20 Iodomethane	142	3.964	3.964	0.000	99	692197	50.0	49.0	
21 Isopropyl alcohol	45	3.984	3.984	0.000	99	207222	250.0	229.9	
22 Carbon disulfide	76	4.070	4.070	0.000	100	962745	50.0	48.7	
24 Methyl acetate	43	4.254	4.254	0.000	97	207819	50.0	46.6	
25 3-Chloro-1-propene	41	4.283	4.283	0.000	87	329383	50.0	47.7	
26 Methylene Chloride	84	4.485	4.485	0.000	83	316496	50.0	48.9	
* 27 t-Butyl alcohol-d10 (IS)	65	4.533	4.533	0.000	89	311876	250.0	250.0	
28 2-Methyl-2-propanol	59	4.665	4.665	0.000	99	342964	250.0	260.3	
29 Acrylonitrile	53	4.861	4.861	0.000	97	303545	125.0	121.7	
31 trans-1,2-Dichloroethene	96	4.913	4.913	0.000	94	320041	50.0	48.5	
32 Methyl tert-butyl ether	73	4.910	4.910	0.000	93	1012587	50.0	50.1	
33 Hexane	57	5.347	5.347	0.000	90	392724	50.0	52.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	5.591	5.591	0.000	96	492156	50.0	49.4	
36 Isopropyl ether	45	5.652	5.652	0.000	91	802919	50.0	49.9	
37 2-Chloro-1,3-butadiene	53	5.697	5.697	0.000	91	423127	50.0	50.7	
39 Tert-butyl ethyl ether	59	6.186	6.186	0.000	99	898516	50.0	50.2	
40 2-Butanone (MEK)	43	6.401	6.401	0.000	100	326481	100.0	102.0	a
41 cis-1,2-Dichloroethene	96	6.424	6.424	0.000	79	368767	50.0	48.7	
43 2,2-Dichloropropane	77	6.443	6.443	0.000	85	554033	50.0	49.5	a
44 Propionitrile	54	6.508	6.508	0.000	95	277340	250.0	243.7	
45 Methyl acrylate	55	6.524	6.524	0.000	100	335800	50.0	50.5	
46 Methacrylonitrile	67	6.713	6.713	0.000	79	339173	125.0	124.8	Ma
47 Chlorobromomethane	128	6.752	6.752	0.000	84	207361	50.0	50.2	
48 Tetrahydrofuran	71	6.768	6.768	0.000	84	256335	250.0	242.7	
49 Chloroform	83	6.906	6.906	0.000	93	589099	50.0	47.6	
\$ 50 Dibromofluoromethane (Surr)	113	7.115	7.115	0.000	94	305199	50.0	50.1	
51 1,1,1-Trichloroethane	97	7.128	7.128	0.000	97	633446	50.0	50.0	
52 Cyclohexane	56	7.215	7.215	0.000	91	562387	50.0	52.0	
53 Carbon tetrachloride	117	7.334	7.334	0.000	97	596055	50.0	50.2	
54 1,1-Dichloropropene	75	7.334	7.334	0.000	94	413901	50.0	50.5	
55 Isobutyl alcohol	41	7.495	7.495	0.000	92	218982	625.0	602.0	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.575	7.575	0.000	96	69522	50.0	50.6	
57 Benzene	78	7.594	7.594	0.000	96	1212934	50.0	49.7	
59 1,2-Dichloroethane	62	7.675	7.675	0.000	98	387969	50.0	48.9	
60 Tert-amyl methyl ether	73	7.787	7.787	0.000	98	904318	50.0	49.9	a
* 62 Fluorobenzene (IS)	96	7.996	7.996	0.000	98	1071830	50.0	50.0	
63 n-Heptane	43	8.000	8.000	0.000	59	325712	50.0	52.0	
64 n-Butanol	56	8.356	8.356	0.000	87	181080	625.0	651.4	
65 Trichloroethene	95	8.463	8.463	0.000	95	357208	50.0	49.6	
66 Ethyl acrylate	55	8.585	8.585	0.000	99	393994	50.0	51.4	
67 Methylcyclohexane	83	8.768	8.768	0.000	94	686176	50.0	53.0	
68 2-ethoxy-2-methyl butane	87	8.803	8.803	0.000	94	491260	50.0	50.2	
69 1,2-Dichloropropane	63	8.803	8.803	0.000	81	287285	50.0	50.0	
70 Methyl methacrylate	69	8.881	8.881	0.000	88	226357	50.0	50.5	
71 1,4-Dioxane	88	8.900	8.900	0.000	48	66991	625.0	697.0	
72 Dibromomethane	93	8.909	8.909	0.000	90	215332	50.0	50.5	
74 Dichlorobromomethane	83	9.138	9.138	0.000	99	426633	50.0	50.1	
75 2-Nitropropane	41	9.411	9.411	0.000	99	447848	250.0	246.7	
76 2-Chloroethyl vinyl ether	63	9.485	9.485	0.000	92	182034	50.0	49.7	
77 cis-1,3-Dichloropropene	75	9.659	9.659	0.000	96	469594	50.0	51.7	
78 4-Methyl-2-pentanone (MIBK)	43	9.826	9.826	0.000	95	732473	100.0	101.8	
\$ 79 Toluene-d8 (Surr)	98	9.951	9.951	0.000	93	1075927	50.0	49.5	
118 Toluene	92	10.025	10.025	0.000	98	831776	50.0	49.5	
120 trans-1,3-Dichloropropene	75	10.266	10.266	0.000	91	426057	50.0	50.2	
121 Ethyl methacrylate	69	10.324	10.324	0.000	87	414075	50.0	51.8	
122 1,1,2-Trichloroethane	97	10.466	10.466	0.000	89	293401	50.0	49.5	
123 Tetrachloroethene	166	10.543	10.543	0.000	97	477813	50.0	50.6	
124 1,3-Dichloropropane	76	10.623	10.623	0.000	88	442776	50.0	49.9	
126 2-Hexanone	43	10.671	10.671	0.000	95	496573	100.0	99.7	
128 Chlorodibromomethane	129	10.826	10.826	0.000	89	391154	50.0	50.7	
129 Ethylene Dibromide	107	10.938	10.938	0.000	99	320683	50.0	50.3	
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	83	885200	50.0	50.0	
132 1-Chlorohexane	91	11.356	11.356	0.000	91	479957	50.0	50.3	
133 Chlorobenzene	112	11.379	11.379	0.000	98	1003216	50.0	50.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
134 1,1,1,2-Tetrachloroethane	131	11.456	11.456	0.000	95	439890	50.0	50.0	
135 Ethylbenzene	91	11.459	11.459	0.000	98	1691239	50.0	50.7	
136 m-Xylene & p-Xylene	106	11.572	11.572	0.000	100	1370209	100.0	103.5	
137 n-Butyl acrylate	55	11.835	11.835	0.000	97	580301	50.0	52.1	
138 o-Xylene	106	11.890	11.890	0.000	95	716149	50.0	51.9	
139 Styrene	104	11.906	11.906	0.000	94	1091570	50.0	52.0	
140 Bromoform	173	12.061	12.061	0.000	98	306872	50.0	53.4	
141 Isopropylbenzene	105	12.186	12.186	0.000	95	2017800	50.0	52.9	
143 Cyclohexanone	55	12.270	12.270	0.000	90	225039	625.0	681.5	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.324	12.324	0.000	97	411139	50.0	50.1	
145 1,1,2,2-Tetrachloroethane	83	12.424	12.424	0.000	95	473691	50.0	52.0	
146 Bromobenzene	156	12.443	12.443	0.000	91	492950	50.0	51.6	
147 trans-1,4-Dichloro-2-butene	53	12.450	12.450	0.000	88	295638	125.0	129.7	
148 1,2,3-Trichloropropane	110	12.472	12.472	0.000	83	160277	50.0	51.5	
149 N-Propylbenzene	91	12.504	12.504	0.000	98	2144365	50.0	53.5	
150 2-Chlorotoluene	126	12.581	12.581	0.000	98	475418	50.0	52.1	
151 1,3,5-Trimethylbenzene	105	12.636	12.636	0.000	94	1706107	50.0	54.0	
152 4-Chlorotoluene	126	12.675	12.675	0.000	96	454529	50.0	51.9	
154 tert-Butylbenzene	134	12.877	12.877	0.000	91	372876	50.0	53.2	
155 1,2,4-Trimethylbenzene	105	12.919	12.919	0.000	97	1732172	50.0	53.7	
157 sec-Butylbenzene	105	13.038	13.038	0.000	94	2210953	50.0	55.3	
158 1,3-Dichlorobenzene	146	13.138	13.138	0.000	98	927117	50.0	51.8	
159 4-Isopropyltoluene	119	13.141	13.141	0.000	97	1964996	50.0	54.6	
* 160 1,4-Dichlorobenzene-d4	152	13.189	13.189	0.000	93	518690	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.208	13.208	0.000	96	901615	50.0	50.5	
162 1,2,3-Trimethylbenzene	105	13.218	13.218	0.000	98	1739541	50.0	53.1	
163 Benzyl chloride	91	13.286	13.286	0.000	98	845054	50.0	52.1	
164 1,3-Diethylbenzene	119	13.340	13.340	0.000	95	1046619	50.0	52.9	
165 p-Diethylbenzene	119	13.411	13.411	0.000	96	1118278	50.0	54.0	
166 n-Butylbenzene	92	13.430	13.430	0.000	97	824200	50.0	53.4	
167 1,2-Dichlorobenzene	146	13.466	13.466	0.000	99	922001	50.0	51.7	
168 o-diethylbenzene	119	13.482	13.482	0.000	94	938632	50.0	52.9	
170 1,2-Dibromo-3-Chloropropane	75	14.003	14.003	0.000	93	122141	50.0	49.8	
171 1,3,5-Trichlorobenzene	180	14.122	14.122	0.000	98	765213	50.0	52.0	
172 1,2,4-Trichlorobenzene	180	14.543	14.543	0.000	94	712769	50.0	52.1	
173 2-Ethylhexyl acrylate	55	14.597	14.597	0.000	81	578352	50.0	53.9	
174 Hexachlorobutadiene	225	14.623	14.623	0.000	95	306576	50.0	54.0	
175 Naphthalene	128	14.729	14.729	0.000	96	2159980	50.0	53.1	
176 1,2,3-Trichlorobenzene	180	14.871	14.871	0.000	96	718299	50.0	51.2	
177 2-Methylnaphthalene	142	15.517	15.517	0.000	95	1297448	50.0	54.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00254	Amount Added: 5.00	Units: uL	
MSV_CCV_GASES_01121	Amount Added: 2.50	Units: uL	
MSV_CCV_VOC#3_00256	Amount Added: 4.00	Units: uL	
MSV_CCV_2CEVE_00247	Amount Added: 5.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 10.00	Units: uL	
MSV_CCV_ETOH_00011	Amount Added: 10.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 5.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent
MSV_V_SMFreon_00052	Amount Added: 0.00	Units:	Run Reagent

Report Date: 23-Sep-2025 09:36:25

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X16.D

Injection Date: 22-Sep-2025 19:30:37

Instrument ID: 7159

Operator ID: kas02648

Lims ID: ICIS v50

Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

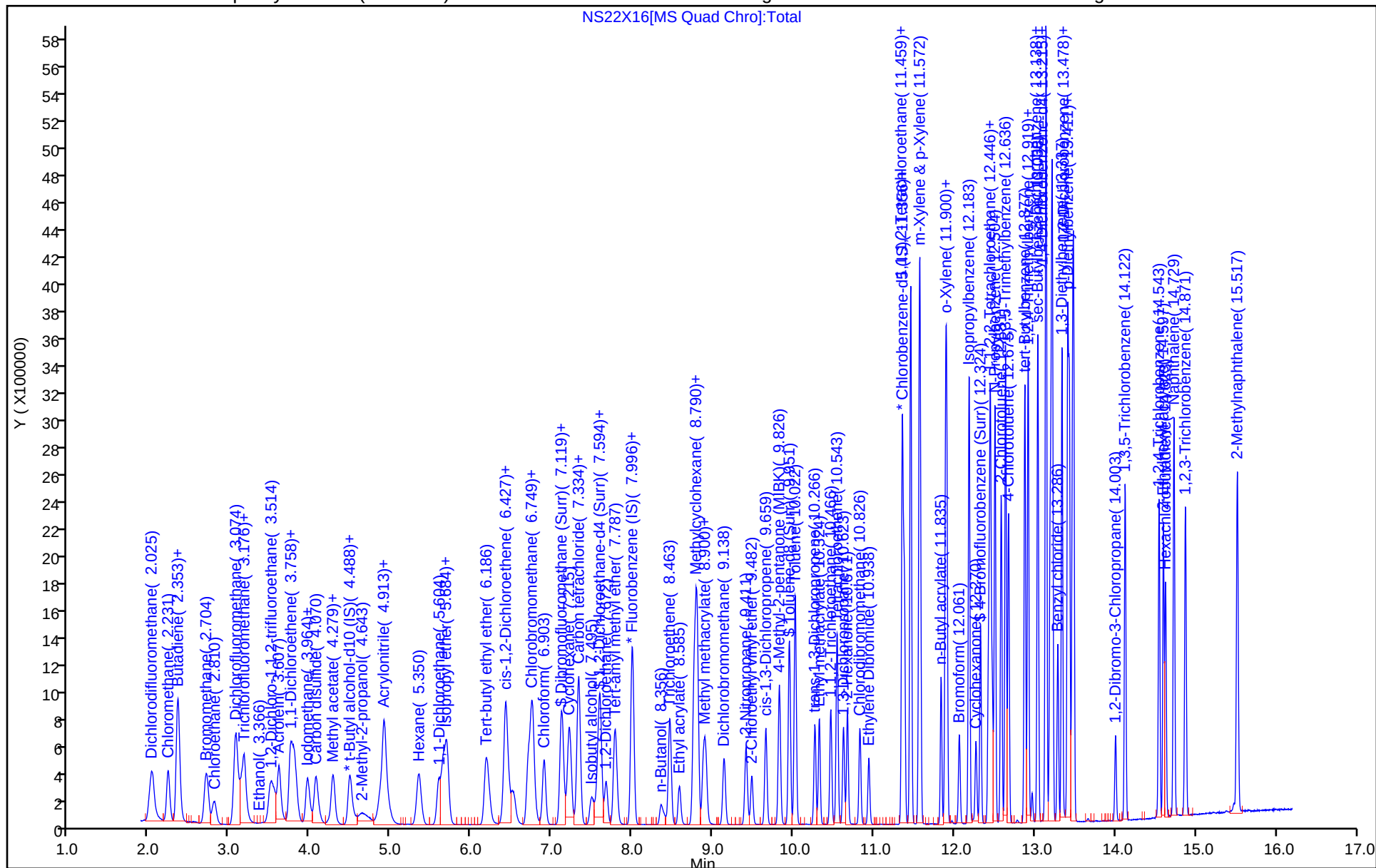
ALS Bottle#: 15

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

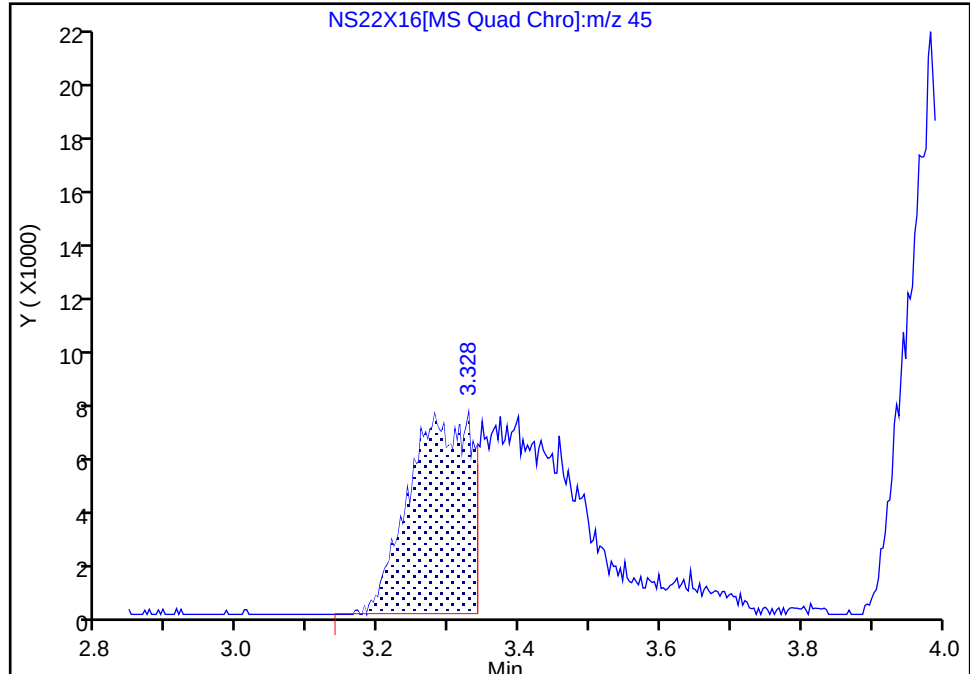
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Injection Date: 22-Sep-2025 19:30:37 Instrument ID: 7159
Lims ID: ICIS v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

13 Ethanol, CAS: 64-17-5

Signal: 1

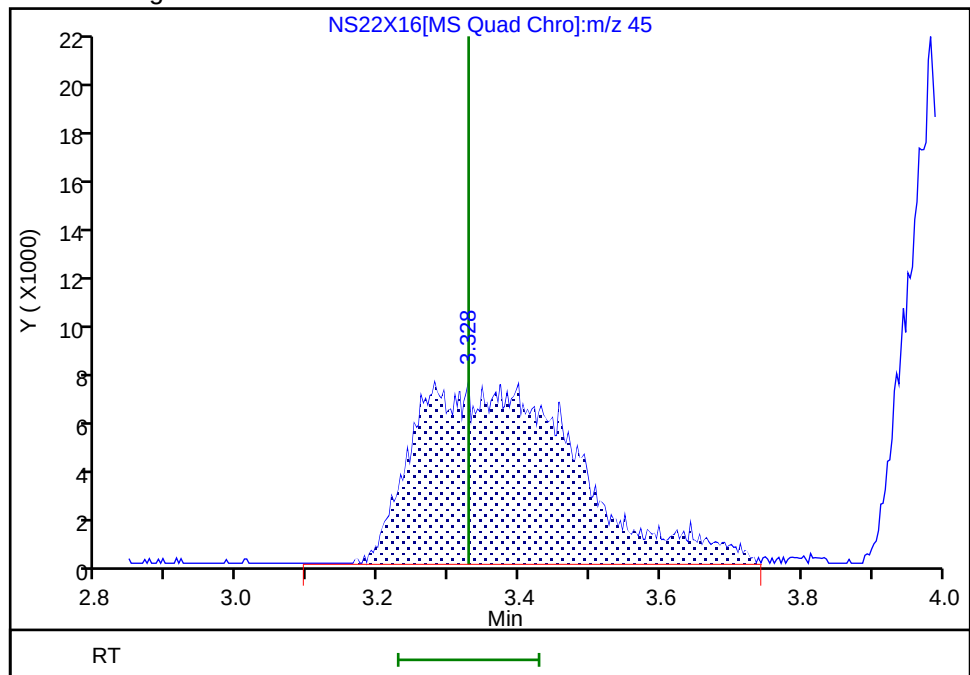
RT: 3.33
Area: 45727
Amount: 800.0345
Amount Units: ug/l

Processing Integration Results



RT: 3.33
Area: 118824
Amount: 1380.6315
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:28:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

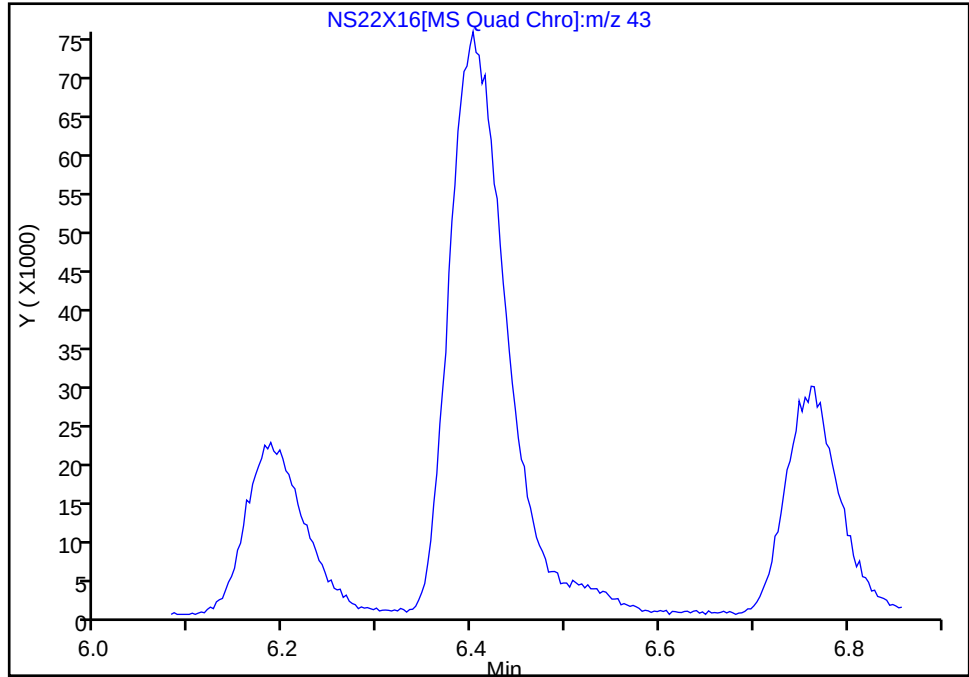
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Injection Date: 22-Sep-2025 19:30:37 Instrument ID: 7159
Lims ID: ICIS v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

40 2-Butanone (MEK), CAS: 78-93-3

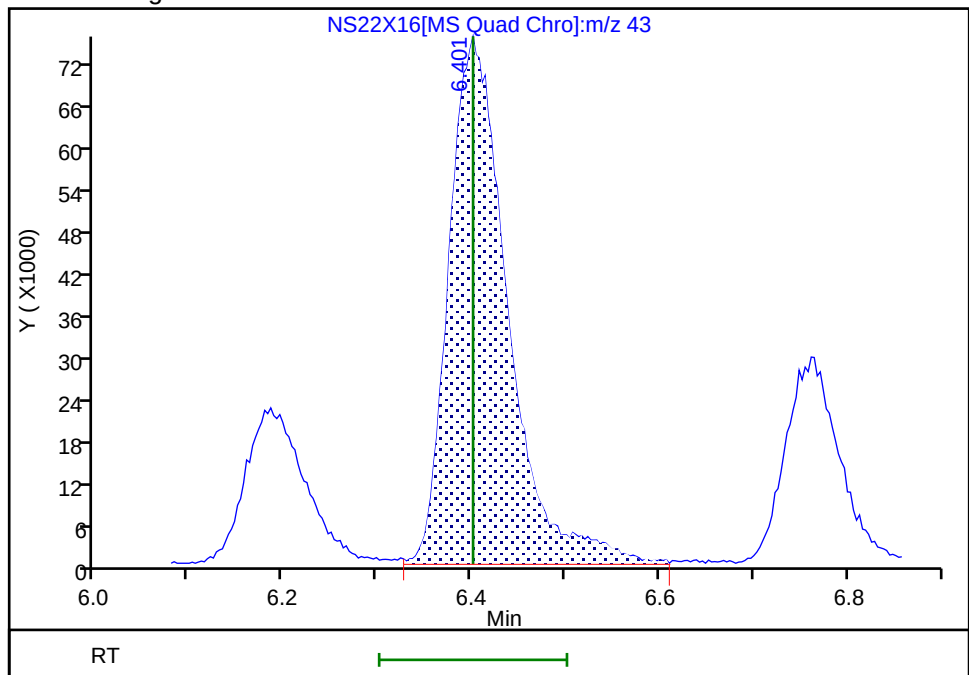
Signal: 1

Not Detected
Expected RT: 6.40

Processing Integration Results



Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:28:38 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

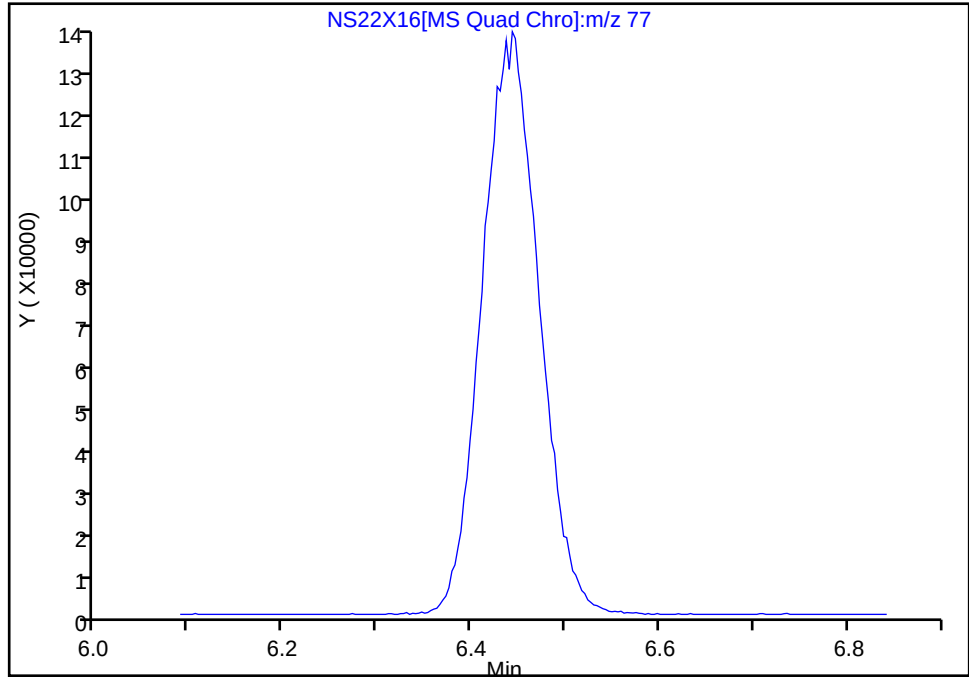
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Injection Date: 22-Sep-2025 19:30:37 Instrument ID: 7159
Lims ID: ICIS v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

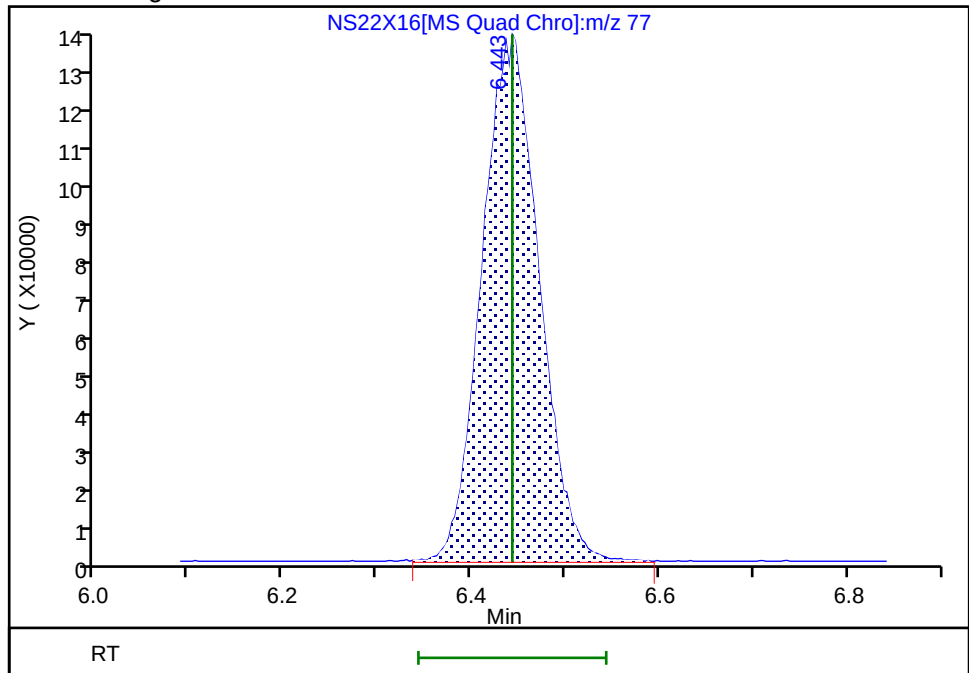
Not Detected
Expected RT: 6.44

Processing Integration Results



RT: 6.44
Area: 554033
Amount: 49.492580
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:28:42 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

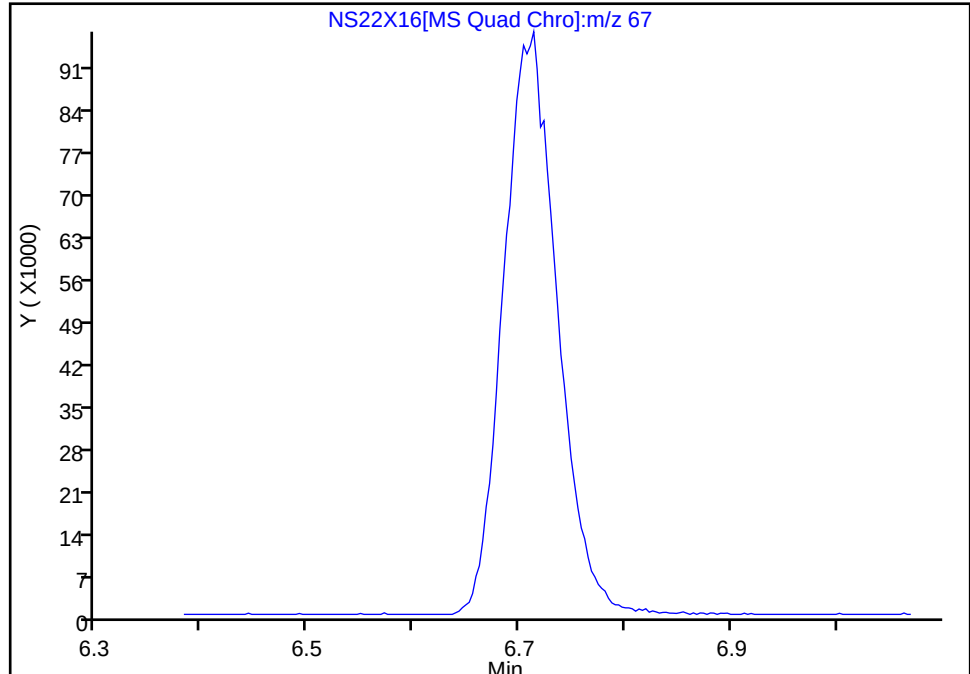
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Injection Date: 22-Sep-2025 19:30:37 Instrument ID: 7159
Lims ID: ICIS v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

46 Methacrylonitrile, CAS: 126-98-7

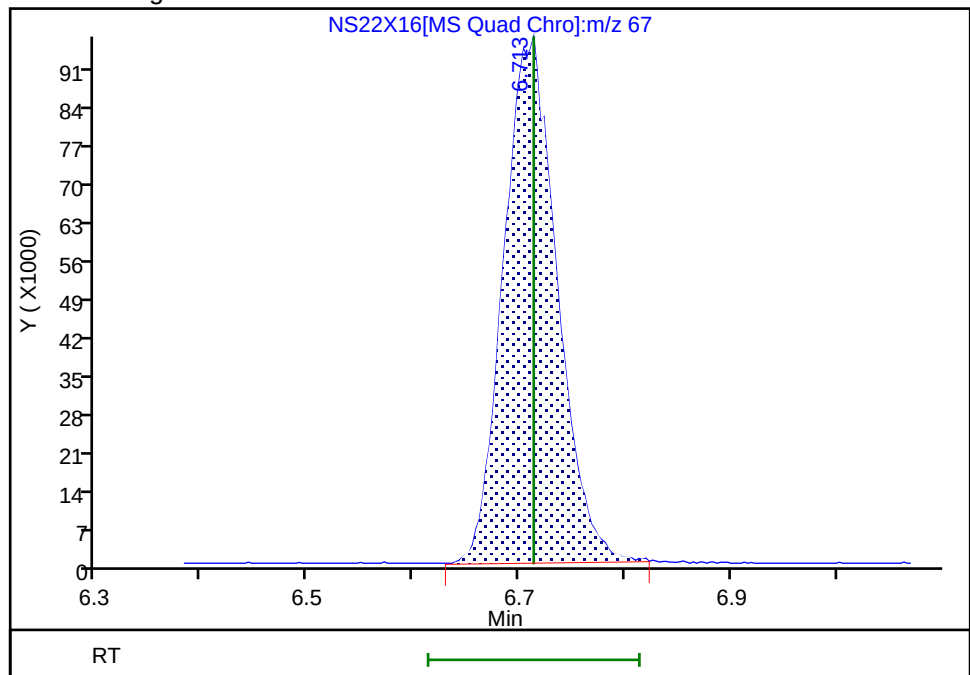
Signal: 1

Not Detected
Expected RT: 6.71

Processing Integration Results



Manual Integration Results



RT: 6.71
Area: 339173
Amount: 124.7750
Amount Units: ug/l

Reviewer: UKAD, 22-Sep-2025 21:29:06 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

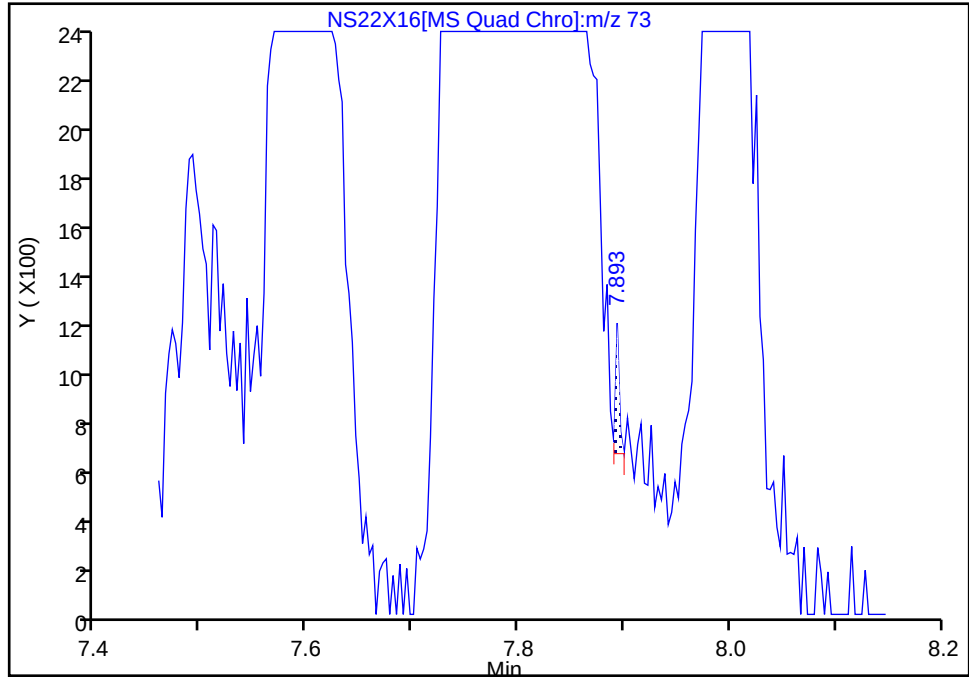
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Injection Date: 22-Sep-2025 19:30:37 Instrument ID: 7159
Lims ID: ICIS v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

60 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

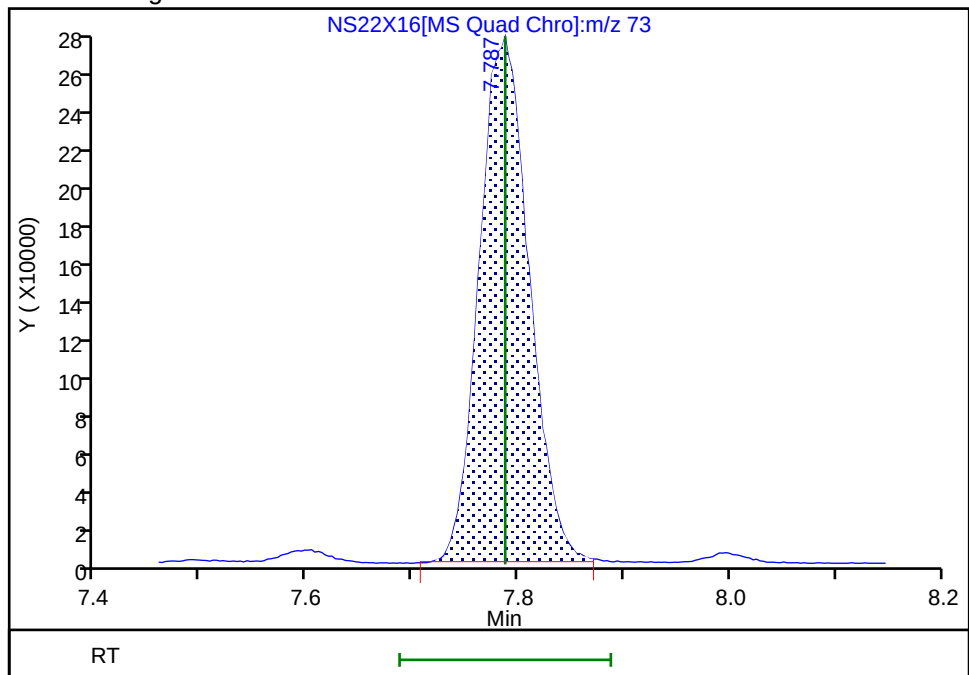
RT: 7.89
Area: 131
Amount: 0.008643
Amount Units: ug/l

Processing Integration Results



RT: 7.79
Area: 904318
Amount: 49.936853
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:21:52 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X17.D
 Lims ID: IC v100
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 22-Sep-2025 19:50:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-017
 Misc. Info.: IC V100
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub47
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:36:30 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: UKAD

Date: 22-Sep-2025 21:22:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.984					ND	
2 Dichlorodifluoromethane	85	2.032	2.025	0.007	99	2001054	100.0	109.7	
3 Chlorodifluoromethane	51		2.041					ND	U
4 Chloromethane	50	2.231	2.231	0.000	99	1292695	100.0	98.8	
5 Butadiene	39	2.344	2.350	-0.006	90	875523	100.0	103.6	
6 Vinyl chloride	62	2.363	2.363	0.000	98	1348258	100.0	102.0	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.443					ND	U
8 Bromomethane	94	2.717	2.704	0.013	91	1005052	100.0	97.8	
9 Chloroethane	64	2.804	2.810	-0.006	99	596664	100.0	98.2	
10 Dichlorofluoromethane	67	3.070	3.074	-0.004	97	1719918	100.0	99.2	
11 Trichlorofluoromethane	101	3.144	3.141	0.003	98	1924599	100.0	108.8	
12 Pentane	43	3.176	3.176	0.000	95	830390	100.0	101.4	
13 Ethanol	45	3.267	3.328	-0.061	89	190426	2499.8	2285.8	
15 1,2-Dichloro-1,1,2-trifluoroethane	67	3.511	3.511	0.000	87	814812	100.0	103.1	
16 Acrolein	56	3.607	3.607	0.000	99	1368149	975.8	994.9	
17 1,1-Dichloroethene	96	3.746	3.752	-0.006	95	592161	100.0	97.3	
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.791	3.791	0.000	88	906161	100.0	103.0	
19 Acetone	58	3.803	3.794	0.009	71	142859	200.0	205.4	
20 Iodomethane	142	3.958	3.964	-0.006	99	1437076	100.0	98.9	
21 Isopropyl alcohol	45	3.987	3.984	0.003	38	354314	500.0	406.1	
22 Carbon disulfide	76	4.064	4.070	-0.006	99	2017013	100.0	99.2	
24 Methyl acetate	43	4.257	4.254	0.003	96	433004	100.0	94.4	
25 3-Chloro-1-propene	41	4.279	4.283	-0.004	87	702471	100.0	98.9	
26 Methylene Chloride	84	4.488	4.485	0.003	85	649181	100.0	97.6	a
* 27 t-Butyl alcohol-d10 (IS)	65	4.537	4.533	0.004	90	301888	250.0	250.0	
28 2-Methyl-2-propanol	59	4.649	4.665	-0.016	99	628480	500.0	492.8	
29 Acrylonitrile	53	4.852	4.861	-0.009	99	627165	250.0	244.6	
32 Methyl tert-butyl ether	73	4.913	4.910	0.003	88	2048266	100.0	98.5	
31 trans-1,2-Dichloroethene	96	4.913	4.913	0.000	95	663376	100.0	97.8	
33 Hexane	57	5.344	5.347	-0.003	91	817537	100.0	106.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	5.591	5.591	0.000	95	994480	100.0	97.0	
36 Isopropyl ether	45	5.652	5.652	0.000	95	1660812	100.0	100.3	
37 2-Chloro-1,3-butadiene	53	5.694	5.697	-0.003	91	875747	100.0	102.1	
S 38 1,2-Dichloroethene, Total	100				0			193.6	
39 Tert-butyl ethyl ether	59	6.186	6.186	0.000	96	1904836	100.0	103.4	
40 2-Butanone (MEK)	43	6.405	6.401	0.004	98	626469	200.0	190.5	
41 cis-1,2-Dichloroethene	96	6.421	6.424	-0.003	78	746615	100.0	95.8	
43 2,2-Dichloropropane	77	6.434	6.443	-0.009	86	1134111	100.0	98.5	
44 Propionitrile	54	6.508	6.508	0.000	96	557573	500.0	506.1	
45 Methyl acrylate	55	6.530	6.524	0.006	100	677848	100.0	99.1	
46 Methacrylonitrile	67	6.710	6.713	-0.003	79	710589	250.0	254.3	a
47 Chlorobromomethane	128	6.752	6.752	0.000	82	414612	100.0	97.6	
48 Tetrahydrofuran	71	6.765	6.768	-0.003	78	527714	500.0	516.1	
49 Chloroform	83	6.900	6.906	-0.006	93	1183658	100.0	93.1	
\$ 50 Dibromofluoromethane (Surr)	113	7.112	7.115	-0.003	93	308356	50.0	49.2	
51 1,1,1-Trichloroethane	97	7.125	7.128	-0.003	97	1292608	100.0	99.2	
52 Cyclohexane	56	7.218	7.215	0.003	87	1180062	100.0	106.2	
53 Carbon tetrachloride	117	7.331	7.334	-0.003	97	1236720	100.0	101.4	a
54 1,1-Dichloropropene	75	7.334	7.334	0.000	94	851722	100.0	101.0	
55 Isobutyl alcohol	41	7.501	7.495	0.006	98	433163	1250.0	1230.3	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.572	7.575	-0.003	97	69102	50.0	49.0	
57 Benzene	78	7.598	7.594	0.004	96	2490711	100.0	99.4	
59 1,2-Dichloroethane	62	7.672	7.675	-0.003	98	792540	100.0	97.3	
60 Tert-amyl methyl ether	73	7.787	7.787	0.000	98	1908440	100.0	102.5	a
* 62 Fluorobenzene (IS)	96	7.996	7.996	0.000	98	1101887	50.0	50.0	
63 n-Heptane	43	8.000	8.000	0.000	90	682940	100.0	106.0	
64 n-Butanol	56	8.356	8.356	0.000	87	356150	1250.0	1323.6	
65 Trichloroethene	95	8.463	8.463	0.000	94	737689	100.0	99.6	
66 Ethyl acrylate	55	8.585	8.585	0.000	98	812165	100.0	103.0	
67 Methylcyclohexane	83	8.765	8.768	-0.003	94	1442555	100.0	108.3	
68 2-ethoxy-2-methyl butane	87	8.800	8.803	-0.003	94	1028561	100.0	102.3	
69 1,2-Dichloropropane	63	8.803	8.803	0.000	77	593609	100.0	100.4	
70 Methyl methacrylate	69	8.884	8.881	0.003	87	477649	100.0	103.7	
71 1,4-Dioxane	88	8.890	8.900	-0.010	36	118067	1250.0	1269.0	
72 Dibromomethane	93	8.913	8.909	0.004	90	436210	100.0	99.5	
74 Dichlorobromomethane	83	9.138	9.138	0.000	99	891797	100.0	101.9	
75 2-Nitropropane	41	9.414	9.411	0.003	99	945759	500.0	538.2	
76 2-Chloroethyl vinyl ether	63	9.485	9.485	0.000	92	385156	100.0	102.2	
77 cis-1,3-Dichloropropene	75	9.659	9.659	0.000	96	983782	100.0	105.4	
78 4-Methyl-2-pentanone (MIBK)	43	9.826	9.826	0.000	95	1442549	200.0	195.1	
\$ 79 Toluene-d8 (Surr)	98	9.951	9.951	0.000	93	1106405	50.0	49.2	
118 Toluene	92	10.022	10.025	-0.003	99	1731381	100.0	99.6	
S 119 1,3-Dichloropropene, Total	100				0			208.6	
120 trans-1,3-Dichloropropene	75	10.266	10.266	0.000	91	905484	100.0	103.2	
121 Ethyl methacrylate	69	10.321	10.324	-0.003	87	868475	100.0	105.0	
122 1,1,2-Trichloroethane	97	10.466	10.466	0.000	89	606280	100.0	99.0	
123 Tetrachloroethene	166	10.543	10.543	0.000	97	995842	100.0	102.0	
124 1,3-Dichloropropane	76	10.623	10.623	0.000	88	909198	100.0	99.0	
126 2-Hexanone	43	10.671	10.671	0.000	95	975747	200.0	189.4	
128 Chlorodibromomethane	129	10.829	10.826	0.003	89	837676	100.0	105.1	
129 Ethylene Dibromide	107	10.935	10.938	-0.003	100	657098	100.0	99.7	
S 130 Xylenes, Total	106				0			305.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	82	915307	50.0	50.0	
132 1-Chlorohexane	91	11.356	11.356	0.000	92	1008440	100.0	102.3	
133 Chlorobenzene	112	11.379	11.379	0.000	97	2064829	100.0	100.2	
134 1,1,1,2-Tetrachloroethane	131	11.456	11.456	0.000	94	925801	100.0	101.7	
135 Ethylbenzene	91	11.459	11.459	0.000	98	3502480	100.0	101.5	
136 m-Xylene & p-Xylene	106	11.572	11.572	0.000	100	2777692	200.0	202.9	
137 n-Butyl acrylate	55	11.835	11.835	0.000	97	1195969	100.0	103.8	
138 o-Xylene	106	11.893	11.890	0.003	96	1457879	100.0	102.1	
139 Styrene	104	11.906	11.906	0.000	94	2277357	100.0	104.9	
140 Bromoform	173	12.064	12.061	0.004	99	656285	100.0	110.4	
141 Isopropylbenzene	105	12.183	12.186	-0.003	95	4189993	100.0	106.3	
143 Cyclohexanone	55	12.266	12.270	-0.004	90	393695	1250.0	1231.7	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.327	12.324	0.003	97	418893	50.0	49.3	
145 1,1,2,2-Tetrachloroethane	83	12.424	12.424	0.000	95	965290	100.0	103.5	
146 Bromobenzene	156	12.443	12.443	0.000	90	1001996	100.0	102.6	
147 trans-1,4-Dichloro-2-butene	53	12.450	12.450	0.000	87	609516	250.0	261.3	
148 1,2,3-Trichloropropane	110	12.472	12.472	0.000	83	321737	100.0	101.0	
149 N-Propylbenzene	91	12.504	12.504	0.000	98	4433392	100.0	108.0	
150 2-Chlorotoluene	126	12.585	12.581	0.004	98	980177	100.0	104.9	
151 1,3,5-Trimethylbenzene	105	12.636	12.636	0.000	95	3537946	100.0	109.4	
152 4-Chlorotoluene	126	12.675	12.675	0.000	96	930029	100.0	103.9	
154 tert-Butylbenzene	134	12.877	12.877	0.000	91	793494	100.0	110.6	
155 1,2,4-Trimethylbenzene	105	12.916	12.919	-0.003	97	3553887	100.0	107.7	
157 sec-Butylbenzene	105	13.038	13.038	0.000	94	4581891	100.0	111.9	
158 1,3-Dichlorobenzene	146	13.138	13.138	0.000	98	1869661	100.0	102.0	
159 4-Isopropyltoluene	119	13.141	13.141	0.000	96	4094059	100.0	111.1	
* 160 1,4-Dichlorobenzene-d4	152	13.192	13.189	0.003	92	530700	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.208	13.208	0.000	96	1841633	100.0	100.8	
162 1,2,3-Trimethylbenzene	105	13.218	13.218	0.000	98	3586550	100.0	107.1	
163 Benzyl chloride	91	13.286	13.286	0.000	97	1769588	100.0	106.6	
164 1,3-Diethylbenzene	119	13.337	13.340	-0.003	95	2207081	100.0	109.1	
165 p-Diethylbenzene	119	13.411	13.411	0.000	94	2294754	100.0	108.3	
166 n-Butylbenzene	92	13.430	13.430	0.000	97	1689331	100.0	107.0	
167 1,2-Dichlorobenzene	146	13.466	13.466	0.000	99	1831700	100.0	100.4	
168 o-diethylbenzene	119	13.482	13.482	0.000	94	1959163	100.0	108.0	
170 1,2-Dibromo-3-Chloropropane	75	14.003	14.003	0.000	93	251081	100.0	100.1	
171 1,3,5-Trichlorobenzene	180	14.125	14.122	0.003	97	1598867	100.0	106.1	
172 1,2,4-Trichlorobenzene	180	14.546	14.543	0.003	94	1456437	100.0	104.0	
173 2-Ethylhexyl acrylate	55	14.597	14.597	0.000	80	1205624	100.0	109.8	
174 Hexachlorobutadiene	225	14.626	14.623	0.003	95	633673	100.0	109.1	
175 Naphthalene	128	14.729	14.729	0.000	96	4313257	100.0	103.6	
176 1,2,3-Trichlorobenzene	180	14.874	14.871	0.003	96	1451875	100.0	101.2	
177 2-Methylnaphthalene	142	15.517	15.517	0.000	93	2560427	100.0	105.0	
S 238 Total Diethylbenzene	1				0			325.3	

QC Flag Legend

Processing Flags

Review Flags

U - Marked Undetected

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00254	Amount Added: 5.00	Units: uL	
MSV_CCV_GASES_01121	Amount Added: 2.50	Units: uL	
MSV_CCV_VOC#3_00256	Amount Added: 4.00	Units: uL	
MSV_CCV_2CEVE_00247	Amount Added: 5.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 10.00	Units: uL	
MSV_CCV_ETOH_00011	Amount Added: 10.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 5.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent
MSV_V_SMFreon_00052	Amount Added: 0.00	Units:	Run Reagent

Report Date: 23-Sep-2025 09:36:31

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X17.D

Injection Date: 22-Sep-2025 19:50:30

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC v100

Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

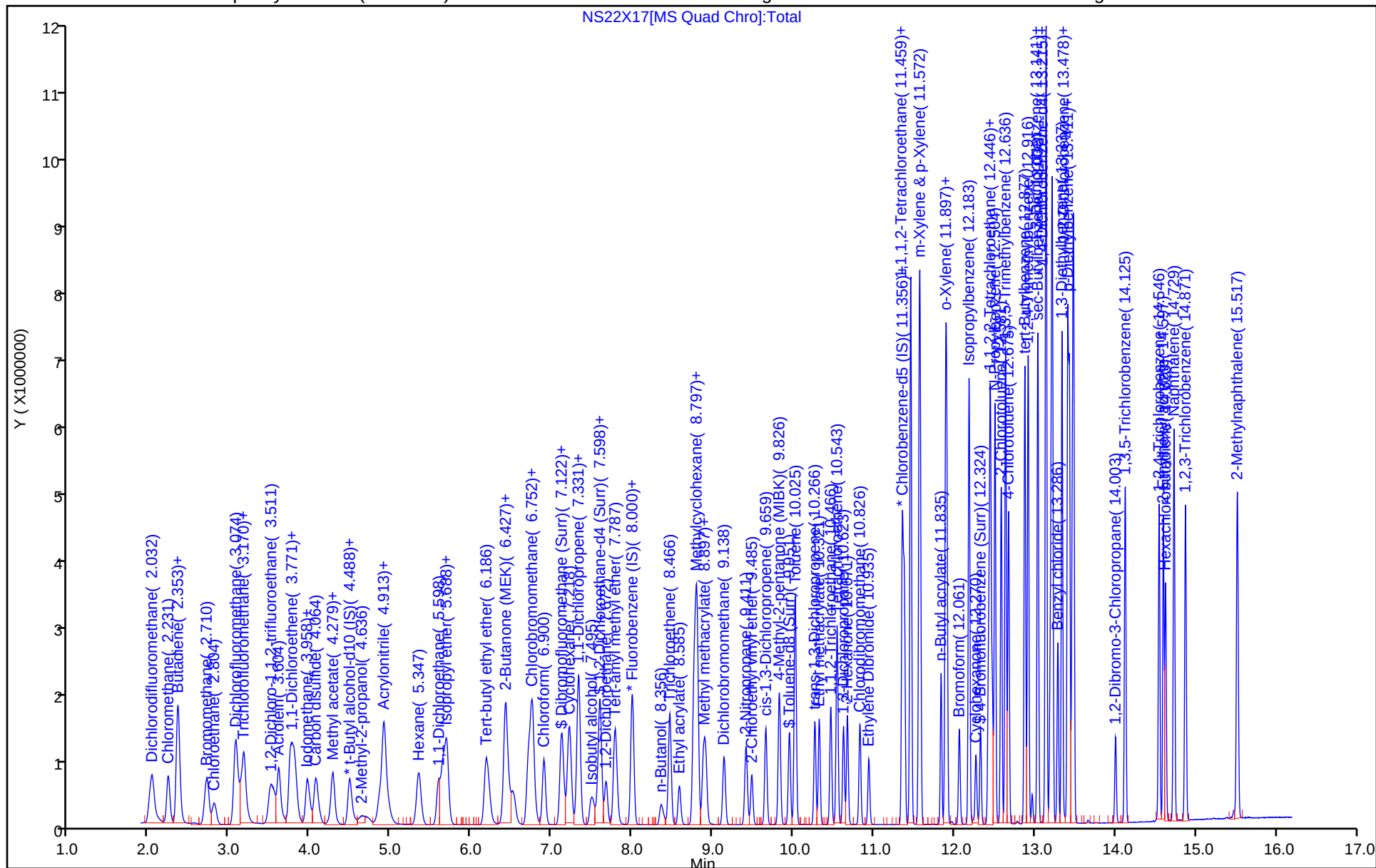
ALS Bottle#: 16

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



10/14/2025

Eurofins Lancaster Laboratories Environment Testing, LLC

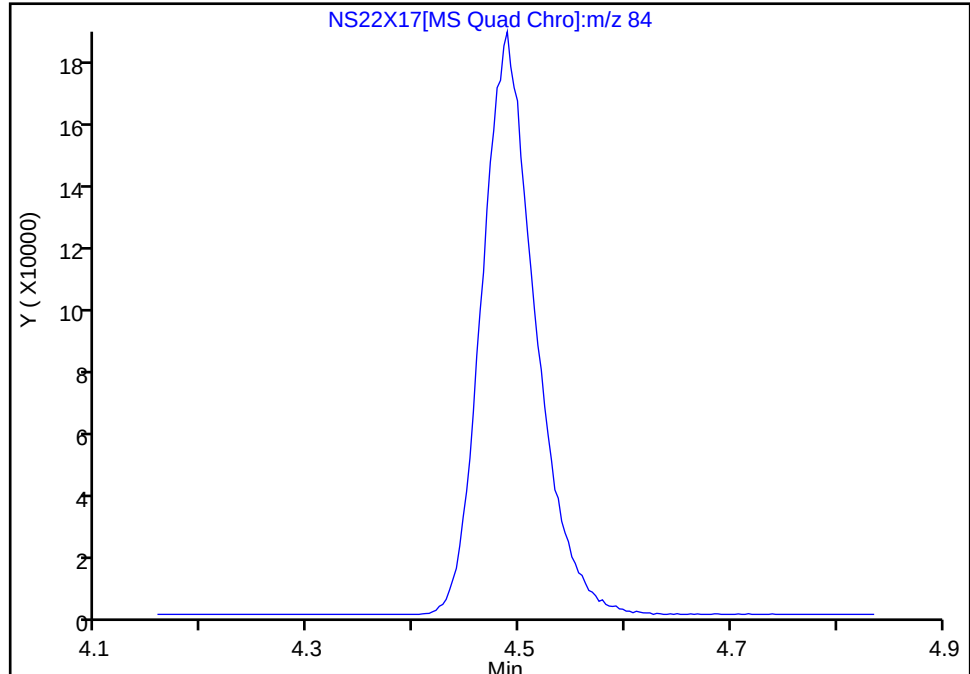
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Injection Date: 22-Sep-2025 19:50:30 Instrument ID: 7159
Lims ID: IC v100
Client ID:
Operator ID: kas02648 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

26 Methylene Chloride, CAS: 75-09-2

Signal: 1

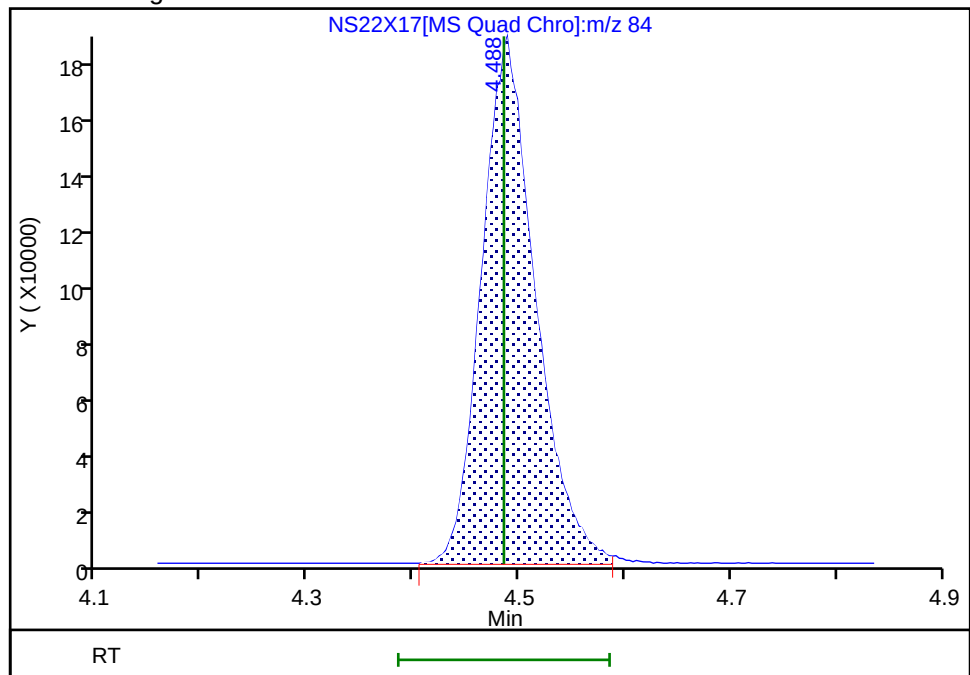
Not Detected
Expected RT: 4.49

Processing Integration Results



RT: 4.49
Area: 649181
Amount: 97.619136
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:27:03 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

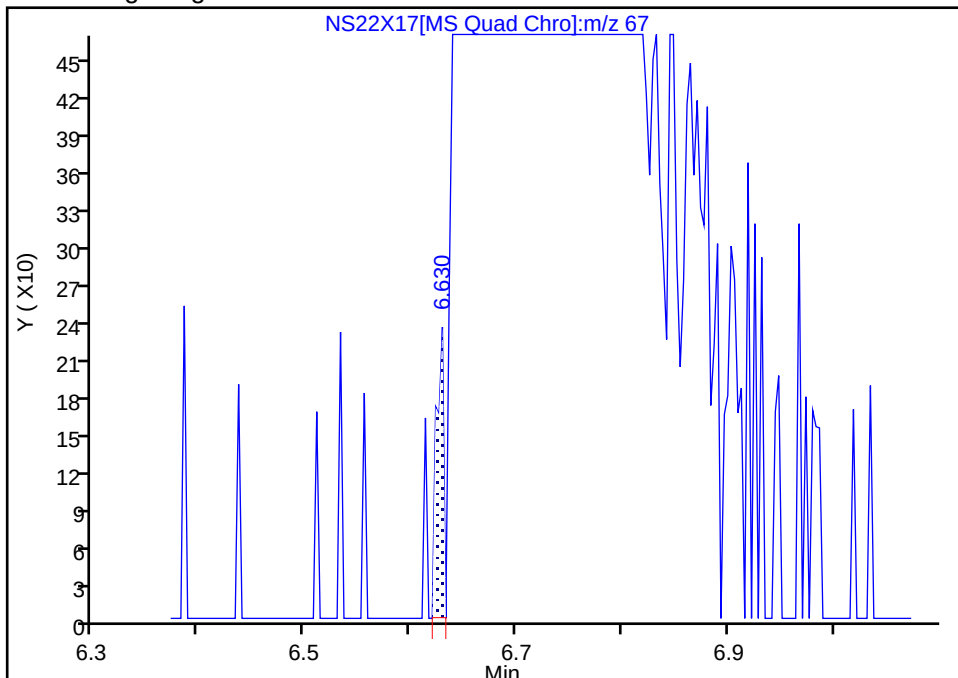
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Injection Date: 22-Sep-2025 19:50:30 Instrument ID: 7159
Lims ID: IC v100
Client ID:
Operator ID: kas02648 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

46 Methacrylonitrile, CAS: 126-98-7

Signal: 1

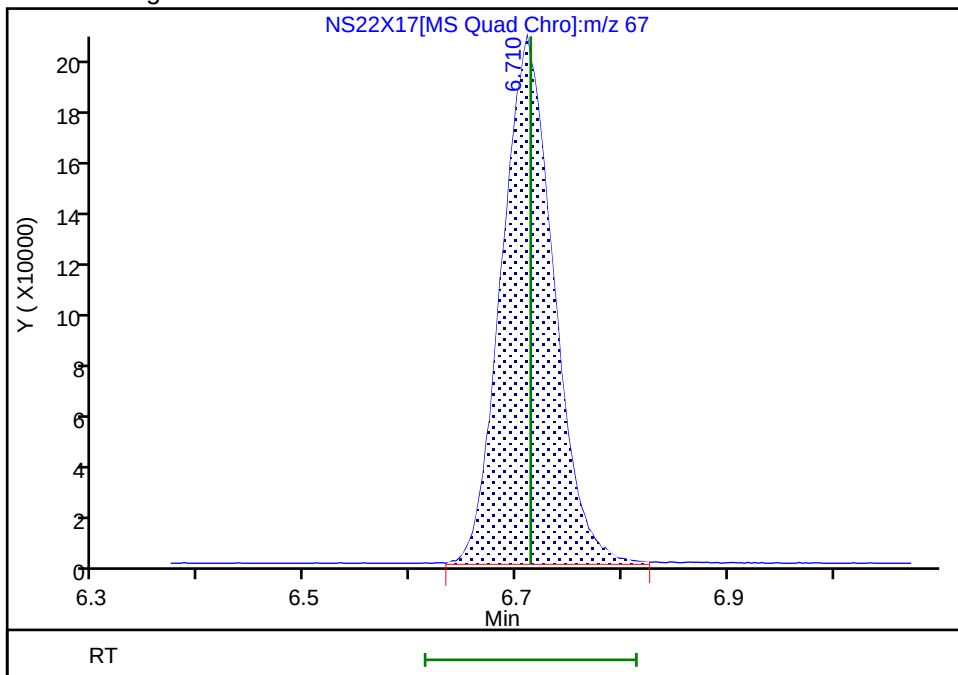
RT: 6.63
Area: 109
Amount: 0.072125
Amount Units: ug/l

Processing Integration Results



RT: 6.71
Area: 710589
Amount: 254.2809
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:27:14 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

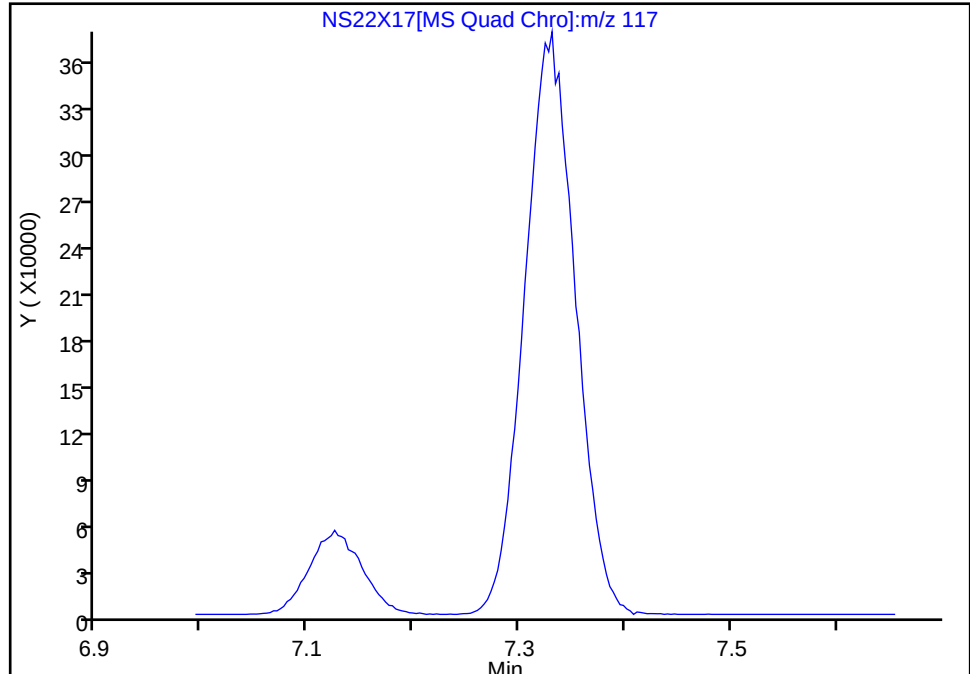
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Injection Date: 22-Sep-2025 19:50:30 Instrument ID: 7159
Lims ID: IC v100
Client ID:
Operator ID: kas02648 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

53 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

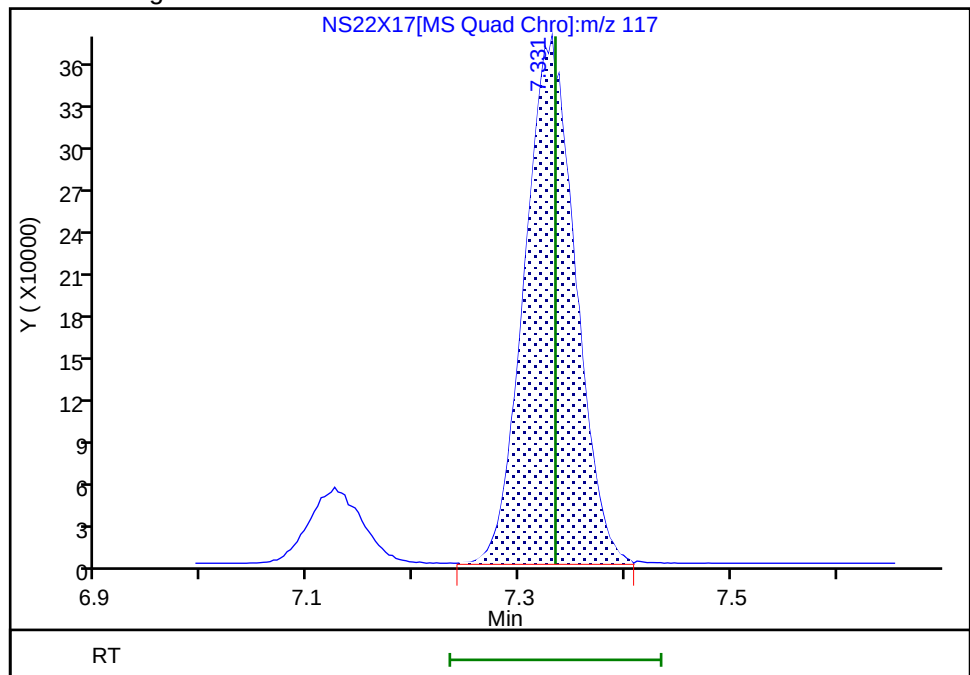
Not Detected
Expected RT: 7.33

Processing Integration Results



RT: 7.33
Area: 1236720
Amount: 101.3841
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:27:25 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

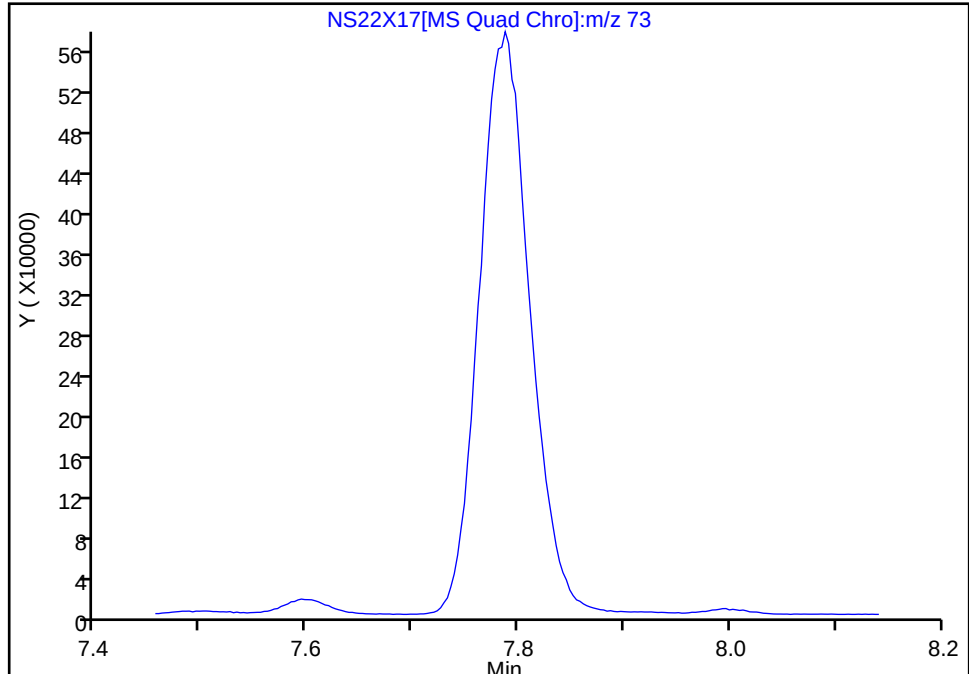
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Injection Date: 22-Sep-2025 19:50:30 Instrument ID: 7159
Lims ID: IC v100
Client ID:
Operator ID: kas02648 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

60 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

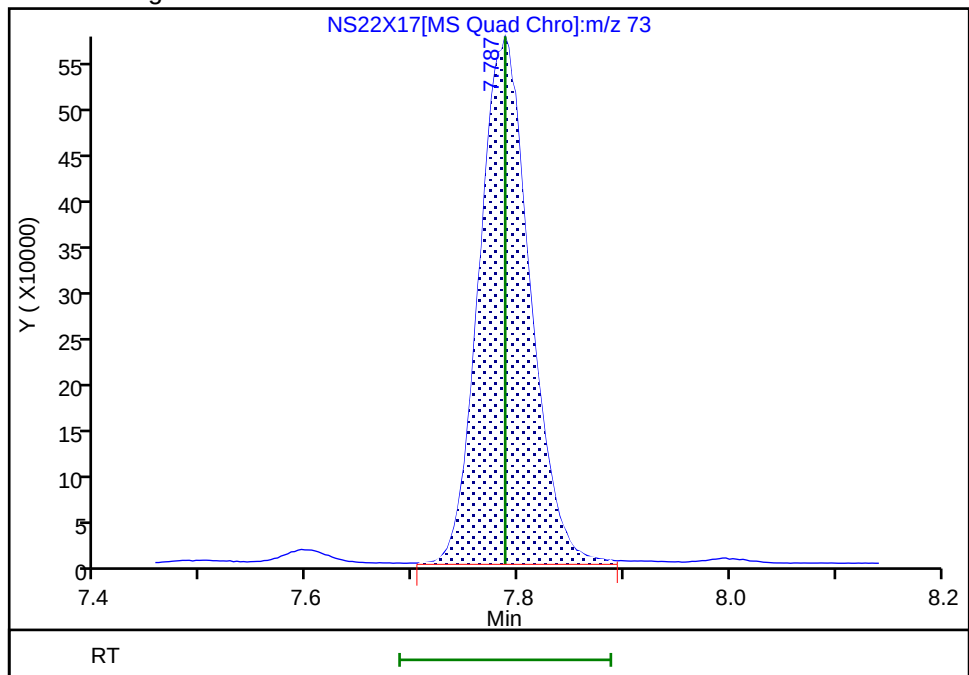
Not Detected
Expected RT: 7.79

Processing Integration Results



Manual Integration Results

RT: 7.79
Area: 1908440
Amount: 102.5103
Amount Units: ug/l



Reviewer: UKAD, 22-Sep-2025 21:27:34 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X18.D
 Lims ID: IC v300
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 22-Sep-2025 20:10:24 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-018
 Misc. Info.: IC V300
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub47
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:36:35 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: UKAD

Date: 22-Sep-2025 21:22:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.984					ND	U
2 Dichlorodifluoromethane	85	2.035	2.025	0.010	99	5831911	300.0	319.1	
3 Chlorodifluoromethane	51		2.041					ND	U
4 Chloromethane	50	2.234	2.231	0.003	99	3697483	300.0	282.1	
5 Butadiene	39	2.353	2.350	0.003	90	2534870	300.0	299.5	
6 Vinyl chloride	62	2.366	2.363	0.003	98	3895671	300.0	294.2	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.443					ND	U
8 Bromomethane	94	2.713	2.704	0.009	91	2912376	300.0	282.9	
9 Chloroethane	64	2.810	2.810	0.000	100	1743007	300.0	286.4	
10 Dichlorofluoromethane	67	3.076	3.074	0.002	97	5003898	300.0	288.3	
11 Trichlorofluoromethane	101	3.147	3.141	0.006	98	5628842	300.0	317.8	
12 Pentane	43	3.179	3.176	0.003	96	2464947	300.0	300.5	
13 Ethanol	45	3.279	3.328	-0.049	92	652258	7499.5	7375.0	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.523	3.511	0.012	86	2394145	300.0	302.5	
16 Acrolein	56	3.610	3.607	0.003	99	4040985	2927.5	2768.0	
17 1,1-Dichloroethene	96	3.752	3.752	0.000	95	1763332	300.0	289.4	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.800	3.791	0.009	88	2584036	300.0	293.2	
19 Acetone	58	3.800	3.794	0.006	91	405217	600.0	548.9	
20 Iodomethane	142	3.964	3.964	0.000	98	4236645	300.0	291.1	
21 Isopropyl alcohol	45	3.986	3.984	0.002	99	1210774	1500.0	1307.0	
22 Carbon disulfide	76	4.073	4.070	0.003	99	6008846	300.0	295.1	
24 Methyl acetate	43	4.260	4.254	0.006	96	1255639	300.0	273.4	
25 3-Chloro-1-propene	41	4.282	4.283	-0.001	88	2043672	300.0	287.5	
26 Methylene Chloride	84	4.488	4.485	0.003	85	1914504	300.0	287.5	
* 27 t-Butyl alcohol-d10 (IS)	65	4.527	4.533	-0.006	89	320490	250.0	250.0	
28 2-Methyl-2-propanol	59	4.649	4.665	-0.016	100	2011368	1500.0	1485.6	
29 Acrylonitrile	53	4.861	4.861	0.000	98	1821158	750.0	709.3	
32 Methyl tert-butyl ether	73	4.922	4.910	0.012	95	6069310	300.0	291.5	
31 trans-1,2-Dichloroethene	96	4.919	4.913	0.006	94	1867432	300.0	274.8	
33 Hexane	57	5.343	5.347	-0.004	91	2305356	300.0	300.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	5.591	5.591	0.000	96	2867941	300.0	279.4	
36 Isopropyl ether	45	5.652	5.652	0.000	96	4892240	300.0	295.1	
37 2-Chloro-1,3-butadiene	53	5.697	5.697	0.000	90	2534369	300.0	294.9	
S 38 1,2-Dichloroethene, Total	100				0			549.6	
39 Tert-butyl ethyl ether	59	6.192	6.186	0.006	96	5743594	300.0	311.5	
40 2-Butanone (MEK)	43	6.408	6.401	0.007	98	1997499	600.0	606.4	
41 cis-1,2-Dichloroethene	96	6.424	6.424	0.000	76	2143832	300.0	274.8	
43 2,2-Dichloropropane	77	6.446	6.443	0.003	86	3341695	300.0	290.0	
44 Propionitrile	54	6.507	6.508	-0.001	95	1701688	1500.0	1454.9	
45 Methyl acrylate	55	6.533	6.524	0.009	100	2094230	300.1	305.9	
46 Methacrylonitrile	67	6.716	6.713	0.003	91	2083736	750.0	744.6	
47 Chlorobromomethane	128	6.755	6.752	0.003	84	1191217	300.0	280.0	
48 Tetrahydrofuran	71	6.768	6.768	0.000	87	1568636	1500.0	1445.1	
49 Chloroform	83	6.903	6.906	-0.003	92	3363652	300.0	264.1	
\$ 50 Dibromofluoromethane (Surr)	113	7.115	7.115	0.000	94	304288	50.0	48.5	
51 1,1,1-Trichloroethane	97	7.131	7.128	0.003	97	3854429	300.0	295.4	
52 Cyclohexane	56	7.218	7.215	0.003	87	3470540	300.0	311.9	
53 Carbon tetrachloride	117	7.330	7.334	-0.004	97	3660772	300.0	299.7	
54 1,1-Dichloropropene	75	7.334	7.334	0.000	97	2523923	300.0	298.9	
55 Isobutyl alcohol	41	7.494	7.495	-0.001	93	1317831	3750.0	3525.7	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.575	7.575	0.000	99	70774	50.0	50.1	
57 Benzene	78	7.597	7.594	0.003	95	7363054	300.0	293.3	
59 1,2-Dichloroethane	62	7.674	7.675	-0.001	98	2342883	300.0	287.1	
60 Tert-amyl methyl ether	73	7.787	7.787	0.000	98	5835568	300.0	313.0	a
* 62 Fluorobenzene (IS)	96	8.002	7.996	0.006	87	1103445	50.0	50.0	
63 n-Heptane	43	7.999	8.000	-0.001	87	1884503	300.0	292.1	
64 n-Butanol	56	8.362	8.356	0.006	87	1156288	3750.0	4047.7	
65 Trichloroethene	95	8.465	8.463	0.002	95	2220146	300.0	299.3	a
66 Ethyl acrylate	55	8.588	8.585	0.003	99	2503176	300.1	316.9	
67 Methylcyclohexane	83	8.768	8.768	0.000	91	4247207	300.0	318.5	
68 2-ethoxy-2-methyl butane	87	8.803	8.803	0.000	94	3102340	300.0	308.1	
69 1,2-Dichloropropane	63	8.806	8.803	0.003	81	1742900	300.0	294.4	
70 Methyl methacrylate	69	8.880	8.881	-0.001	84	1410846	300.0	306.0	
71 1,4-Dioxane	88	8.893	8.900	-0.007	35	370164	3750.0	3747.7	
72 Dibromomethane	93	8.909	8.909	0.000	91	1299739	300.0	296.0	
74 Dichlorobromomethane	83	9.144	9.138	0.006	99	2717762	300.0	310.1	
75 2-Nitropropane	41	9.414	9.411	0.003	98	2912968	1500.0	1561.3	
76 2-Chloroethyl vinyl ether	63	9.485	9.485	0.000	92	1172802	300.0	310.8	
77 cis-1,3-Dichloropropene	75	9.661	9.659	0.002	96	2993831	300.0	320.4	
78 4-Methyl-2-pentanone (MIBK)	43	9.825	9.826	-0.001	94	4302517	600.0	581.1	
\$ 79 Toluene-d8 (Surr)	98	9.951	9.951	0.000	93	1123282	50.0	49.5	
118 Toluene	92	10.025	10.025	0.000	99	5087526	300.0	290.1	
S 119 1,3-Dichloropropene, Total	100				0			630.2	
120 trans-1,3-Dichloropropene	75	10.269	10.266	0.003	90	2743631	300.0	309.9	
121 Ethyl methacrylate	69	10.324	10.324	0.000	87	2584931	300.0	309.8	
122 1,1,2-Trichloroethane	97	10.465	10.466	-0.001	90	1787754	300.0	289.3	
123 Tetrachloroethene	166	10.546	10.543	0.003	97	2890563	300.0	293.5	
124 1,3-Dichloropropane	76	10.623	10.623	0.000	87	2719013	300.0	293.5	
126 2-Hexanone	43	10.671	10.671	0.000	95	2873476	600.0	552.8	
128 Chlorodibromomethane	129	10.825	10.826	-0.001	92	2545854	300.0	316.5	
129 Ethylene Dibromide	107	10.938	10.938	0.000	98	1972457	300.0	296.7	
S 130 Xylenes, Total	106				0			873.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 131 Chlorobenzene-d5 (IS)	117	11.356	11.353	0.003	83	923509	50.0	50.0	
132 1-Chlorohexane	91	11.356	11.356	0.000	91	2941277	300.0	295.6	
133 Chlorobenzene	112	11.382	11.379	0.003	97	6074215	300.0	292.2	
134 1,1,1,2-Tetrachloroethane	131	11.459	11.456	0.003	94	2741887	300.0	298.4	
135 Ethylbenzene	91	11.462	11.459	0.003	98	9852867	300.0	283.1	
136 m-Xylene & p-Xylene	106	11.571	11.572	-0.001	97	8003799	600.0	579.4	
137 n-Butyl acrylate	55	11.835	11.835	0.000	97	3661744	300.0	315.0	
138 o-Xylene	106	11.896	11.890	0.006	96	4230171	300.0	293.7	
139 Styrene	104	11.909	11.906	0.003	94	6544904	300.0	298.9	
140 Bromoform	173	12.063	12.061	0.003	99	1979238	300.0	329.9	
141 Isopropylbenzene	105	12.186	12.186	0.000	95	11454797	300.0	287.9	
143 Cyclohexanone	55	12.269	12.270	-0.001	90	1292188	3750.1	3808.0	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.327	12.324	0.003	97	427548	50.0	49.9	
145 1,1,2,2-Tetrachloroethane	83	12.423	12.424	-0.001	95	2751855	300.0	291.7	
146 Bromobenzene	156	12.443	12.443	0.000	91	2981950	300.0	301.7	
147 trans-1,4-Dichloro-2-butene	53	12.452	12.450	0.002	91	1757729	750.0	744.8	
148 1,2,3-Trichloropropane	110	12.475	12.472	0.003	79	922412	300.0	286.3	a
149 N-Propylbenzene	91	12.507	12.504	0.003	97	11859484	300.0	285.6	
150 2-Chlorotoluene	126	12.584	12.581	0.003	98	2884361	300.0	305.1	
151 1,3,5-Trimethylbenzene	105	12.639	12.636	0.003	96	9887323	300.0	302.0	
152 4-Chlorotoluene	126	12.674	12.675	-0.001	96	2751771	300.0	303.7	
154 tert-Butylbenzene	134	12.877	12.877	0.000	92	2374453	300.0	327.1	
155 1,2,4-Trimethylbenzene	105	12.919	12.919	0.000	97	10024752	300.0	300.3	
157 sec-Butylbenzene	105	13.038	13.038	0.000	94	12290856	300.0	296.8	e
158 1,3-Dichlorobenzene	146	13.137	13.138	-0.001	98	5370177	300.0	289.6	
159 4-Isopropyltoluene	119	13.144	13.141	0.003	95	11258948	300.0	301.9	
* 160 1,4-Dichlorobenzene-d4	152	13.192	13.189	0.003	90	536983	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.208	13.208	0.000	96	5355107	300.0	289.6	
162 1,2,3-Trimethylbenzene	105	13.221	13.218	0.003	97	10087783	300.0	297.7	
163 Benzyl chloride	91	13.288	13.286	0.002	98	5315587	300.0	316.5	
164 1,3-Diethylbenzene	119	13.340	13.340	0.000	94	6312945	300.0	308.3	
165 p-Diethylbenzene	119	13.411	13.411	0.000	94	6625277	300.0	308.9	
166 n-Butylbenzene	92	13.433	13.430	0.003	96	4803495	300.0	300.7	
167 1,2-Dichlorobenzene	146	13.465	13.466	-0.001	99	5349931	300.0	289.9	
168 o-diethylbenzene	119	13.485	13.482	0.003	94	5637865	300.0	307.1	
170 1,2-Dibromo-3-Chloropropane	75	14.002	14.003	-0.001	94	777311	300.0	306.3	
171 1,3,5-Trichlorobenzene	180	14.124	14.122	0.002	97	4745670	300.0	311.4	
172 1,2,4-Trichlorobenzene	180	14.546	14.543	0.003	95	4451387	300.0	314.0	
173 2-Ethylhexyl acrylate	55	14.597	14.597	0.000	80	4023455	300.1	362.2	
174 Hexachlorobutadiene	225	14.626	14.623	0.003	95	1908398	300.0	324.8	
175 Naphthalene	128	14.729	14.729	0.000	97	12312714	300.0	292.3	
176 1,2,3-Trichlorobenzene	180	14.870	14.871	-0.001	97	4476991	300.0	308.3	
177 2-Methylnaphthalene	142	15.520	15.517	0.003	91	7918236	300.0	320.9	
S 238 Total Diethylbenzene	1				0			924.3	

QC Flag Legend

Processing Flags

e - Potential Peak Saturated

Review Flags

U - Marked Undetected

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00254	Amount Added: 15.00	Units: uL	
MSV_CCV_GASES_01121	Amount Added: 7.50	Units: uL	
MSV_CCV_VOC#3_00256	Amount Added: 12.00	Units: uL	
MSV_CCV_2CEVE_00247	Amount Added: 15.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 30.00	Units: uL	
MSV_CCV_ETOH_00011	Amount Added: 30.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 15.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent
MSV_V_SMFreon_00052	Amount Added: 0.00	Units:	Run Reagent

Report Date: 23-Sep-2025 09:36:36

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X18.D

Injection Date: 22-Sep-2025 20:10:24

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC v300

Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

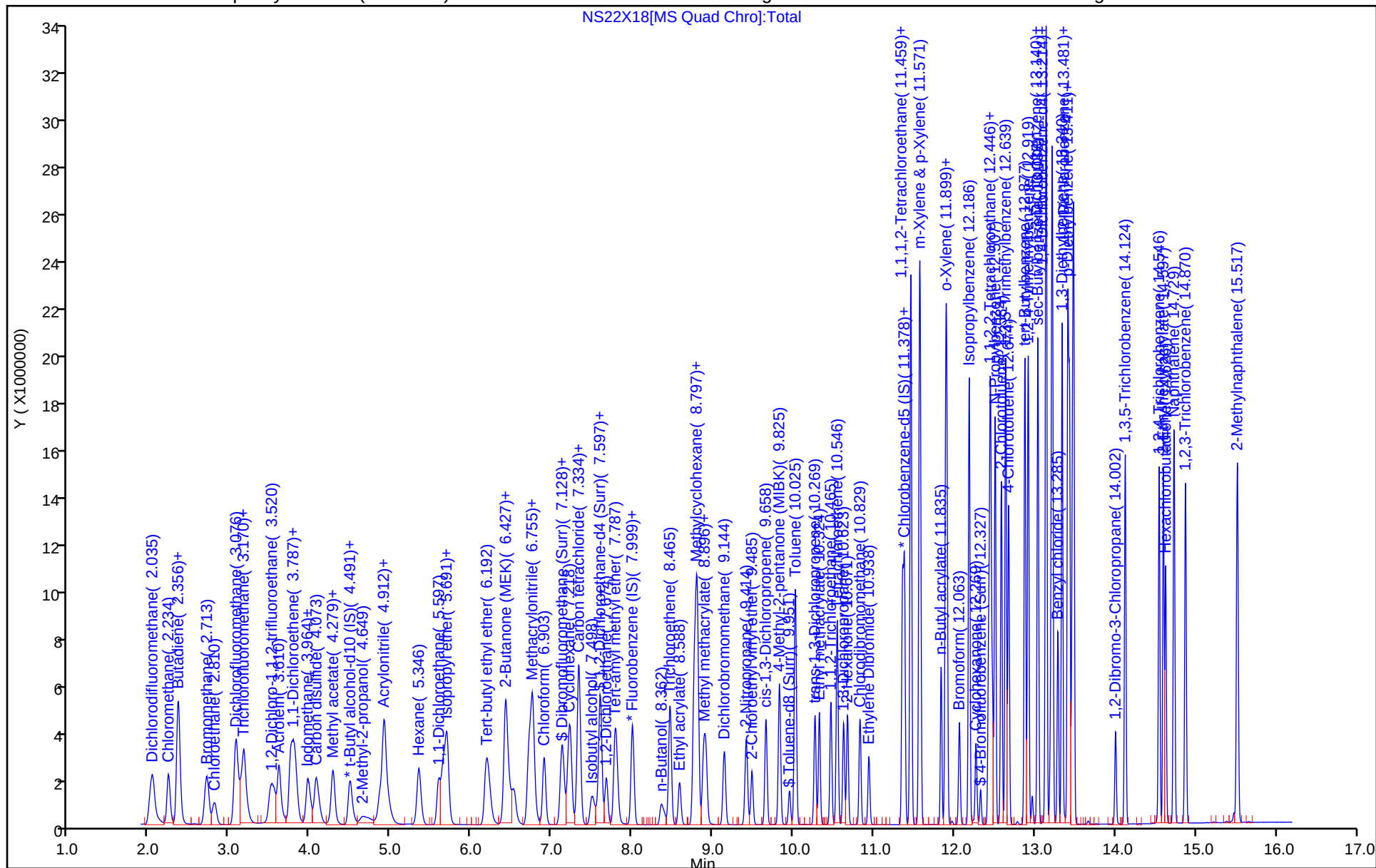
ALS Bottle#: 17

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

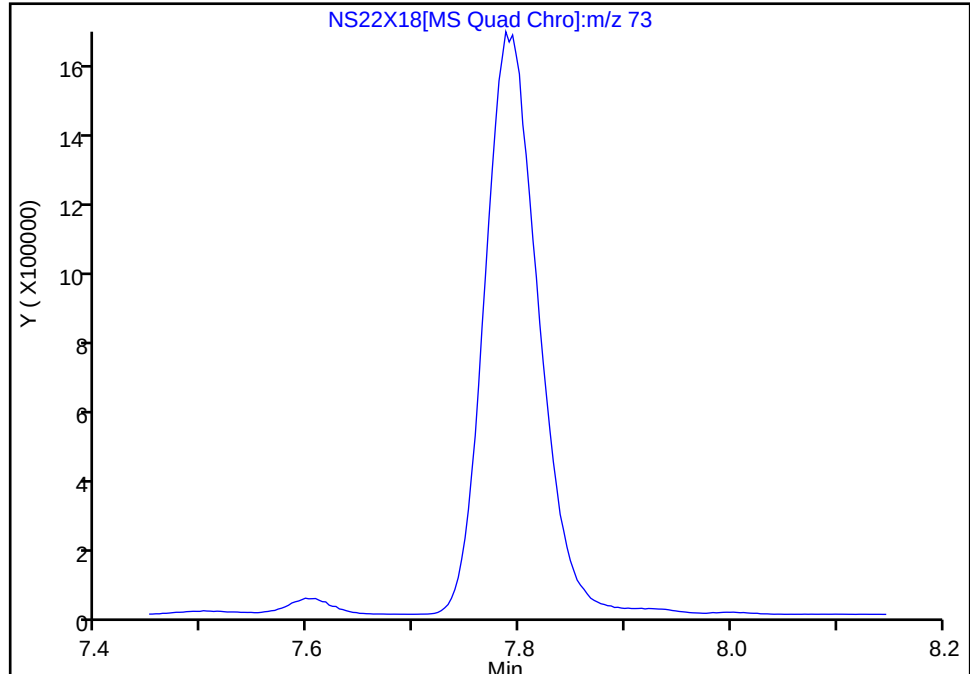
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X18.D
Injection Date: 22-Sep-2025 20:10:24 Instrument ID: 7159
Lims ID: IC v300
Client ID:
Operator ID: kas02648 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

60 Tert-amyl methyl ether, CAS: 994-05-8

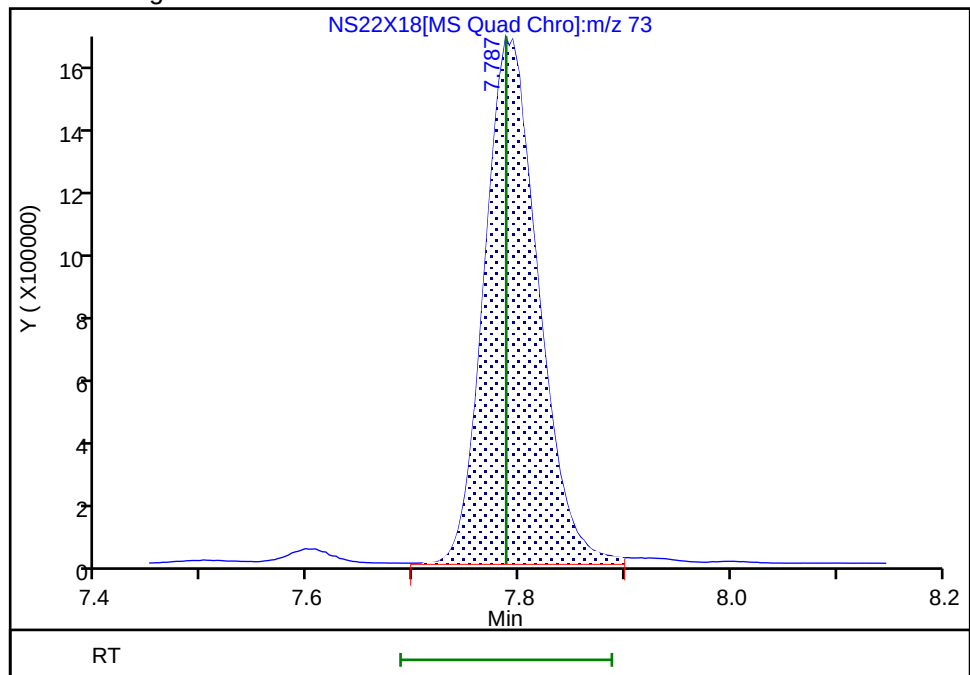
Signal: 1

Not Detected
Expected RT: 7.79

Processing Integration Results



Manual Integration Results



RT: 7.79
Area: 5835568
Amount: 313.0101
Amount Units: ug/l

Reviewer: UKAD, 22-Sep-2025 21:25:48 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

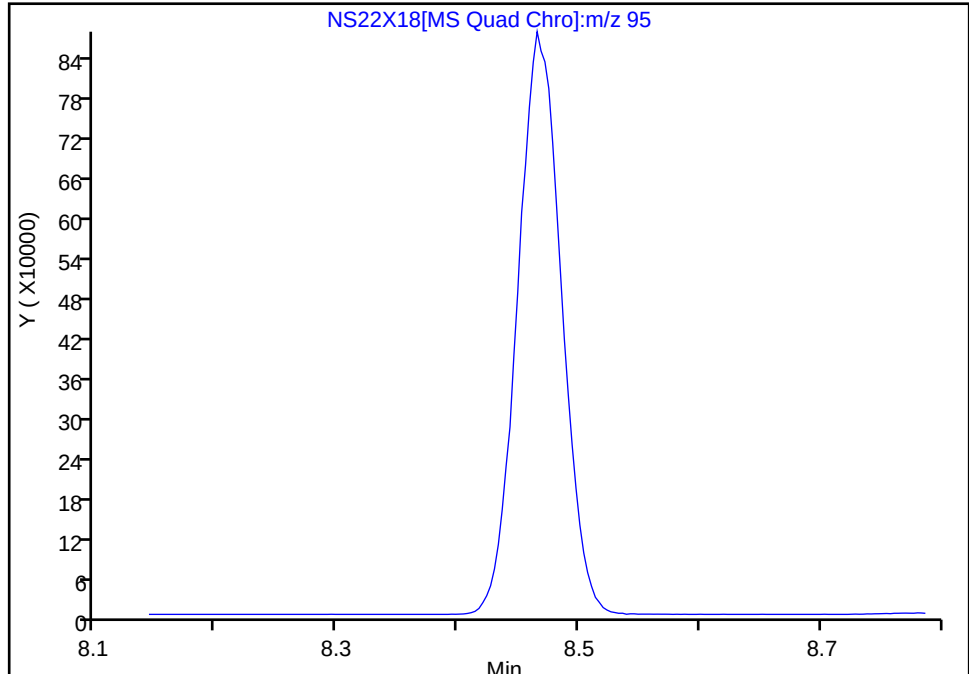
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X18.D
Injection Date: 22-Sep-2025 20:10:24 Instrument ID: 7159
Lims ID: IC v300
Client ID:
Operator ID: kas02648 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

65 Trichloroethene, CAS: 79-01-6

Signal: 1

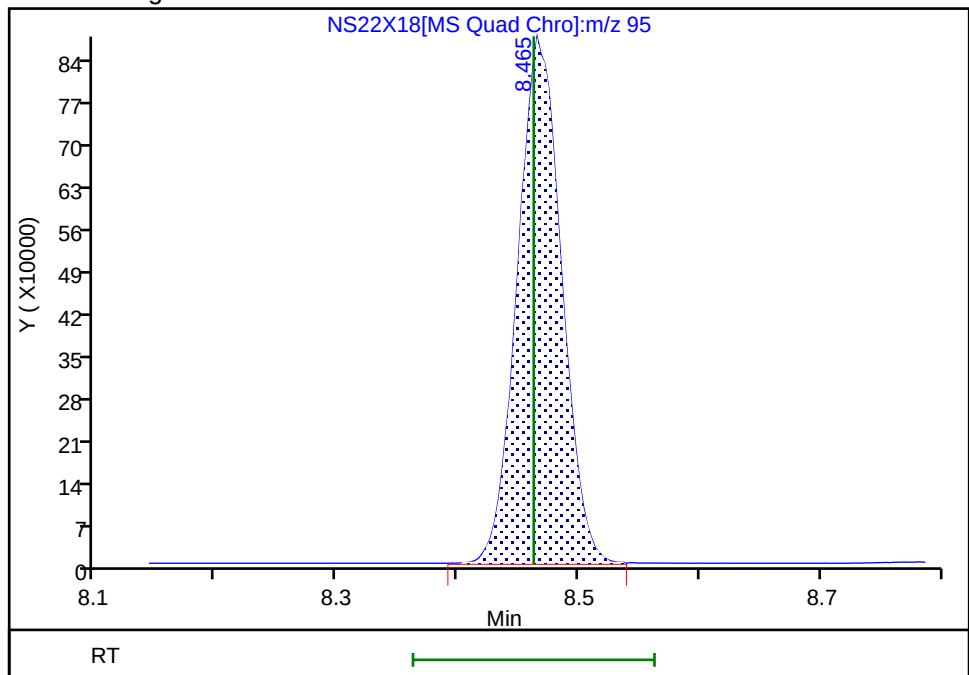
Not Detected
Expected RT: 8.46

Processing Integration Results



RT: 8.47
Area: 2220146
Amount: 299.2851
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:26:06 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

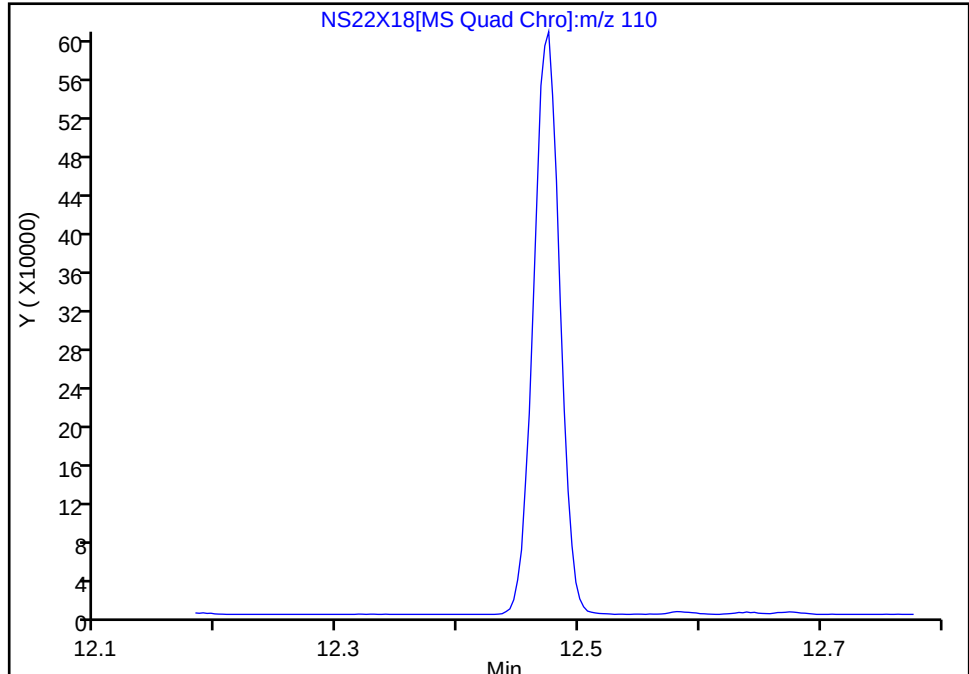
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X18.D
Injection Date: 22-Sep-2025 20:10:24 Instrument ID: 7159
Lims ID: IC v300
Client ID:
Operator ID: kas02648 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

148 1,2,3-Trichloropropane, CAS: 96-18-4
Signal: 1

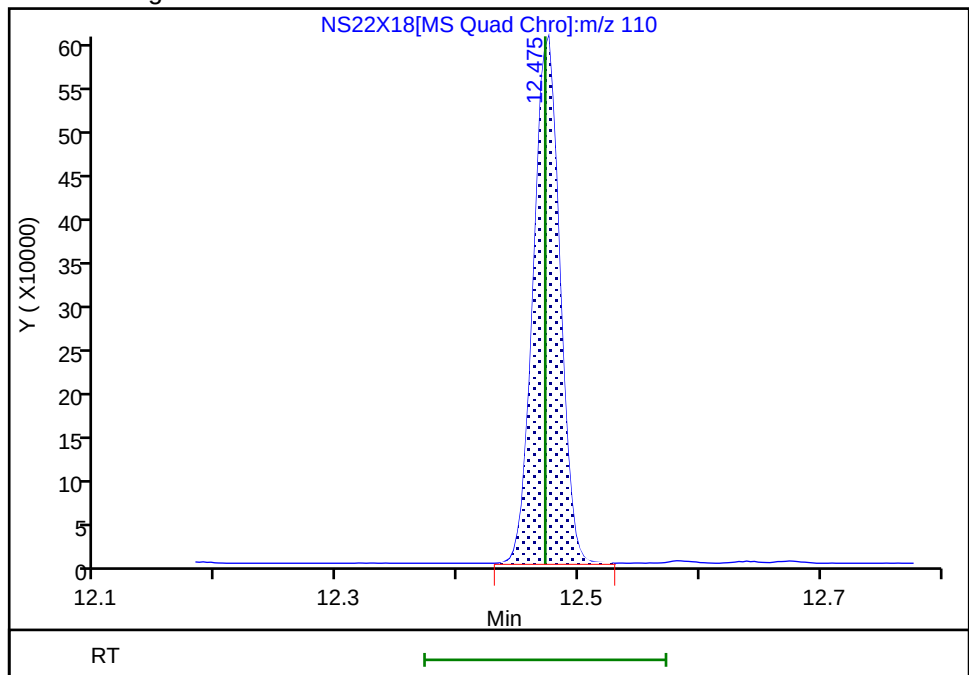
Not Detected
Expected RT: 12.47

Processing Integration Results



RT: 12.47
Area: 922412
Amount: 286.2577
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:26:20 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
Environment Testing, LLC

SDG No.: _____

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-664115/12	YU27X18.D
Level 2	IC 410-664115/13	YU27X17.D
Level 3	IC 410-664115/14	YU27X16.D
Level 4	IC 410-664115/15	YU27X15.D
Level 5	ICIS 410-664115/16	YU27X14.D
Level 6	IC 410-664115/17	YU27X13.D
Level 7	IC 410-664115/18	YU27X12.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3377 0.4886	0.4162 0.4346	0.4592	0.3464	0.4950	Ave		0.425 4			0.1000	14.9		20.0			
Chloromethane	0.5117 0.5617	0.5202 0.5087	0.5606	0.5068	0.5647	Ave		0.533 5			0.1000	5.1		20.0			
1,3-Butadiene	0.4618 0.5299	0.4738 0.4730	0.4927	0.3997	0.5061	Ave		0.476 7				8.6		20.0			
Vinyl chloride	0.4526 0.5436	0.4835 0.4775	0.5143	0.4521	0.5332	Ave		0.493 8			0.1000	7.5		20.0			
Bromomethane	0.3413 0.3600	0.3465 0.3123	0.3698	0.3307	0.3609	Ave		0.345 9			0.1000	5.8		20.0			
Chloroethane	0.2507 0.2558	0.2451 0.2288	0.2610	0.2293	0.2528	Ave		0.246 2			0.1000	5.2		20.0			
Dichlorofluoromethane	0.8075 0.7821	0.7395 0.7049	0.7767	0.6961	0.7755	Ave		0.754 6			0.1000	5.6		20.0			
n-Pentane	0.4442 0.4630	0.5467 0.4791	0.4005	0.4648	0.4721	Ave		0.467 2				9.4		20.0			
Trichlorofluoromethane	0.4616 0.5784	0.4918 0.5213	0.5422	0.4405	0.5737	Ave		0.515 6			0.1000	10.4		20.0			
Freon 123a	0.3832 0.3649	0.3495 0.3368	0.3539	0.3065	0.3575	Ave		0.350 3				6.9		20.0			
Acrolein	0.8644 1.0473	0.9155 1.0143	0.9586	0.9506	0.9975	Ave		0.964 0				6.4		20.0			
1,1-Dichloroethene	0.2399 0.2344	0.2434 0.2409	0.2143	0.2386	0.2351	Ave		0.235 2			0.1000	4.1		20.0			
Acetone	0.4932 0.5713	0.5047 0.5185	0.5314	0.5441	0.5484	Ave		0.530 2			0.1000	5.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
 Environment Testing, LLC

SDG No.: _____

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Freon 113	0.2652 0.3228	0.3135 0.3189	0.2765	0.3192	0.3262	Ave		0.306 n			0.1000	8.0		20.0			
2-Propanol	1.1367 0.7960	1.1062 0.7289	0.7551	0.8951	0.8096	Ave		0.889 7				18.8		20.0			
Methyl iodide	0.4332 0.4844	0.4786 0.4834	0.4381	0.4983	0.4812	Ave		0.471 n				5.3		20.0			
Carbon disulfide	0.8309 0.8432	0.8734 0.8979	0.7866	0.8768	0.8808	Ave		0.855 6			0.1000	4.5		20.0			
Methyl acetate	0.2535 0.3412	0.3134 0.3294	0.2944	0.3197	0.3332	Ave		0.312 1			0.1000	9.6		20.0			
Allyl chloride	0.5453 0.3863	0.3783 0.3783	0.3621	0.3957	0.3929	Ave		0.405 5				15.4		20.0			
Methylene Chloride	0.2600 0.2822	0.2812 0.2796	0.2553	0.2892	0.2762	Ave		0.274 8			0.1000	4.5		20.0			
t-Butyl alcohol	1.0395 1.0233	1.0404 0.9365	0.9631	1.0502	0.9978	Ave		1.007 2				4.3		20.0			
Acrylonitrile	0.1684 0.1794	0.1720 0.1723	0.1760	0.1903	0.1808	Ave		0.177 n				4.1		20.0			
Methyl tert-butyl ether	0.9557 0.9569	0.9709 0.9112	0.9432	1.0054	0.9620	Ave		0.957 9			0.1000	3.0		20.0			
trans-1,2-Dichloroethene	0.2402 0.2303	0.2388 0.2244	0.2213	0.2456	0.2370	Ave		0.233 9			0.1000	3.8		20.0			
n-Hexane	0.3892 0.4029	0.3987 0.3813	0.2879	0.4094	0.4200	Ave		0.384 2				11.5		20.0			
1,1-Dichloroethane	0.3825 0.4257	0.4306 0.4100	0.4117	0.4556	0.4429	Ave		0.422 7			0.2000	5.7		20.0			
Isopropyl ether	0.8736 0.8770	0.8622 0.8613	0.8548	0.9072	0.9012	Ave		0.876 7				2.3		20.0			
2-Chloro-1,3-butadiene	0.3472 0.3801	0.3846 0.3642	0.3659	0.4055	0.3981	Ave		0.377 9				5.4		20.0			
Ethyl t-butyl ether	0.9092 0.9305	0.8943 0.9097	0.8695	0.9490	0.9440	Ave		0.915 2				3.1		20.0			
2-Butanone (MEK)	0.3419 0.2593	0.2194 0.2465	0.2365	0.2370	0.2524	Ave		0.256 2			0.1000	15.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
Environment Testing, LLC

SDG No.: _____

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	0.2774 0.2735	0.2738 0.2610	0.2669	0.2933	0.2815	Ave		0.275 3			0.1000	3.8		20.0			
2,2-Dichloropropane	0.4309 0.4362	0.4266 0.4309	0.3874	0.4390	0.4390	Ave		0.427 1				4.2		20.0			
Propionitrile	0.8019 0.9215	0.8182 0.9111	0.8249	0.8874	0.8849	Ave		0.864 3				5.6		20.0			
Methyl acrylate	0.3493 0.4227	0.3655 0.4038	0.3261	0.4249	0.4340	Ave		0.389 5				10.9		20.0			
Methacrylonitrile	0.1582 0.1840	0.1738 0.1751	0.1734	0.1871	0.1838	Ave		0.176 5				5.5		20.0			
Bromochloromethane	0.1223 0.1394	0.1358 0.1339	0.1321	0.1471	0.1406	Ave		0.135 9				5.7		20.0			
Tetrahydrofuran	0.7111 0.7759	0.7416 0.7551	0.7006	0.7918	0.7561	Ave		0.747 4				4.4		20.0			
Chloroform	0.4248 0.4176	0.4297 0.3994	0.4079	0.4547	0.4290	Ave		0.423 3			0.2000	4.2		20.0			
1,1,1-Trichloroethane	0.4048 0.4234	0.4196 0.4285	0.3911	0.4404	0.4288	Ave		0.419 5			0.1000	3.9		20.0			
Cyclohexane	0.5196 0.5672	0.5572 0.5736	0.4621	0.5685	0.5699	Ave		0.545 4			0.1000	7.5		20.0			
1,1-Dichloropropene	0.3132 0.3557	0.3551 0.3440	0.3201	0.3724	0.3649	Ave		0.346 5				6.4		20.0			
Carbon tetrachloride	0.2938 0.3654	0.3449 0.3681	0.3134	0.3648	0.3634	Ave		0.344 8			0.1000	8.6		20.0			
Isobutyl alcohol	0.4002 0.3263	0.3558 0.3135	0.3021	0.3244	0.3171	Ave		0.334 2				10.0		20.0			
Benzene	1.0044 1.0598	1.0722 1.0152	0.9984	1.1075	1.0841	Ave		1.048 8			0.5000	4.1		20.0			
1,2-Dichloroethane	0.3561 0.3390	0.3419 0.3302	0.3203	0.3610	0.3428	Ave		0.341 6			0.1000	4.1		20.0			
t-Amyl methyl ether	0.8700 0.9131	0.8619 0.9227	0.8394	0.9183	0.9154	Ave		0.891 6				3.8		20.0			
n-Heptane	0.4727 0.4026	0.3828 0.3791	0.2413	0.3969	0.4111	Ave		0.383 8				18.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
Environment Testing, LLC

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butanol	0.2111 0.2763	0.2322 0.2728	0.2315	0.2512	0.2676	Ave		0.249 0				9.9		20.0			
Trichloroethene	0.2469 0.2708	0.2742 0.2636	0.2587	0.2839	0.2785	Ave		0.268 1			0.2000	4.7		20.0			
Methylcyclohexane	0.5327 0.5788	0.5619 0.5842	0.4312	0.5709	0.5872	Ave		0.549 6			0.1000	10.1		20.0			
Ethyl acrylate	0.6568 0.5739	0.6003 0.5940	0.4586	0.5791	0.5779	Ave		0.577 2				10.3		20.0			
1,2-Dichloropropane	0.2645 0.2889	0.2809 0.2835	0.2695	0.2988	0.2935	Ave		0.282 8			0.1000	4.4		20.0			
t-Amyl ethyl ether	0.3875 0.4405	0.4197 0.4452	0.3957	0.4443	0.4298	Ave		0.423 3				5.6		20.0			
Methyl methacrylate	0.2435 0.2854	0.2530 0.2819	0.2560	0.2891	0.2857	Ave		0.270 7				7.0		20.0			
1,4-Dioxane	++++ 0.0894	0.0731 0.0865	0.0845	0.0907	0.0895	Ave		0.085 6			0.0050	7.6		20.0			
Dibromomethane	0.1743 0.1831	0.1775 0.1804	0.1718	0.1880	0.1853	Ave		0.180 1				3.3		20.0			
Bromodichloromethane	0.2968 0.3387	0.3071 0.3360	0.2959	0.3380	0.3382	Ave		0.321 5			0.2000	6.4		20.0			
2-Nitropropane	1.1651 1.3349	1.1473 1.3252	1.1122	1.2683	1.2835	Ave		1.233 8				7.3		20.0			
2-Chloroethyl vinyl ether	0.1477 0.1988	0.1613 0.2027	0.1816	0.1929	0.1975	Ave		0.183 2				11.5		20.0			
cis-1,3-Dichloropropene	0.3826 0.4553	0.4038 0.4567	0.3979	0.4603	0.4568	Ave		0.430 5			0.2000	7.9		20.0			
4-Methyl-2-pentanone (MIBK)	0.4782 0.5249	0.4548 0.5134	0.4899	0.4931	0.5293	Ave		0.497 7			0.1000	5.4		20.0			
Toluene	0.8479 0.8772	0.9077 0.8315	0.8365	0.9308	0.9037	Ave		0.876 5			0.4000	4.4		20.0			
trans-1,3-Dichloropropene	0.5235 0.5480	0.5082 0.5355	0.5045	0.5478	0.5434	Ave		0.530 1			0.1000	3.5		20.0			
Ethyl methacrylate	0.5913 0.6250	0.5983 0.5902	0.6116	0.6698	0.6410	Ave		0.618 2				4.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
Environment Testing, LLC

SDG No.: _____

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2-Trichloroethane	0.3546 0.3357	0.3439 0.3249	0.3275	0.3546	0.3398	Ave		0.340 1			0.1000	3.5		20.0			
Tetrachloroethene	0.3797 0.3591	0.3648 0.3456	0.3273	0.3761	0.3679	Ave		0.360 1			0.2000	5.1		20.0			
1,3-Dichloropropane	0.5321 0.5719	0.5353 0.5568	0.5448	0.5922	0.5741	Ave		0.558 2				4.0		20.0			
2-Hexanone	0.4973 0.4857	0.4246 0.4589	0.4818	0.4520	0.4861	Ave		0.469 5			0.1000	5.4		20.0			
Dibromochloromethane	0.3186 0.3757	0.3343 0.3747	0.3303	0.3654	0.3693	Ave		0.352 6				6.8		20.0			
1,2-Dibromoethane (EDB)	0.3323 0.3690	0.3487 0.3588	0.3487	0.3826	0.3752	Ave		0.359 3			0.1000	4.9		20.0			
1-Chlorohexane	0.5757 0.4858	0.5209 0.4628	0.4175	0.5193	0.5005	Ave		0.497 5				10.0		20.0			
Chlorobenzene	1.0004 1.0040	1.0206 0.9656	0.9600	1.0630	1.0317	Ave		1.006 5			0.5000	3.6		20.0			
1,1,1,2-Tetrachloroethane	0.3279 0.3943	0.3673 0.3813	0.3579	0.4007	0.3969	Ave		0.375 2				7.0		20.0			
Ethylbenzene	1.7836 1.7769	1.7513 1.6778	1.7007	1.9159	1.8369	Ave		1.777 6			0.1000	4.5		20.0			
m&p-Xylene	0.6781 0.7004	0.7109 0.6695	0.6551	0.7527	0.7222	Ave		0.698 4			0.1000	4.8		20.0			
n-Butyl acrylate	0.8778 0.8651	0.8680 0.8146	0.7454	0.9180	0.9039	Ave		0.856 1				6.9		20.0			
o-Xylene	0.6876 0.7369	0.7253 0.7044	0.7103	0.7881	0.7585	Ave		0.730 2			0.3000	4.7		20.0			
Styrene	1.0795 1.1556	1.1384 1.1142	1.1117	1.2289	1.1836	Ave		1.144 6			0.3000	4.4		20.0			
Bromoform	0.2145 0.2859	0.2297 0.2890	0.2364	0.2763	0.2798	Ave		0.258 8			0.1000	11.9		20.0			
Isopropylbenzene	1.6903 1.7764	1.7954 1.6437	1.6105	1.9195	1.8380	Ave		1.753 4			0.1000	6.3		20.0			
1,1,2,2-Tetrachloroethane	1.1137 1.1622	1.0494 1.0654	1.0905	1.2104	1.1804	Ave		1.124 6			0.3000	5.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
Environment Testing, LLC

SDG No.: _____

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Bromobenzene	0.6944 0.7566	0.7462 0.7073	0.6977	0.7922	0.7759	Ave		0.738 6				5.3		20.0			
trans-1,4-Dichloro-2-butene	0.2916 0.3337	0.3071 0.3108	0.2972	0.3324	0.3372	Ave		0.315 7				5.9		20.0			
1,2,3-Trichloropropane	0.3254 0.3401	0.3285 0.3100	0.3196	0.3664	0.3479	Ave		0.334 n				5.7		20.0			
N-Propylbenzene	3.5115 3.8786	3.8087 3.2643	3.3359	4.0954	3.9808	Ave		3.696 5				8.8		20.0			
2-Chlorotoluene	0.7600 0.8037	0.7659 0.7354	0.7240	0.8412	0.8195	Ave		0.778 5				5.6		20.0			
1,3,5-Trimethylbenzene	2.6883 3.0673	2.9350 2.6973	2.6105	3.1842	3.0964	Ave		2.897 n				7.9		20.0			
4-Chlorotoluene	0.6630 0.7784	0.7821 0.7268	0.7237	0.8090	0.7806	Ave		0.751 9				6.7		20.0			
tert-Butylbenzene	0.4890 0.6020	0.5491 0.5661	0.4751	0.5977	0.6002	Ave		0.554 2				9.6		20.0			
1,2,4-Trimethylbenzene	2.8434 3.1031	3.0344 2.7274	2.7581	3.2585	3.1633	Ave		2.984 n				7.0		20.0			
sec-Butylbenzene	3.5355 3.9580	3.7756 3.3151	3.0739	4.1089	4.0348	Ave		3.686 n				10.6		20.0			
1,3-Dichlorobenzene	1.5272 1.5277	1.5311 1.4014	1.4384	1.6260	1.5688	Ave		1.517 2			0.6000	5.0		20.0			
p-Isopropyltoluene	3.0108 3.4741	3.2840 2.9561	2.7318	3.5633	3.5460	Ave		3.223 7				10.2		20.0			
1,4-Dichlorobenzene	1.6649 1.5492	1.6172 1.4247	1.4914	1.6333	1.5687	Ave		1.564 2			0.5000	5.4		20.0			
1,2,3-Trimethylbenzene	3.1573 3.3722	3.2198 2.9631	3.0461	3.5018	3.4266	Ave		3.241 n				6.2		20.0			
Benzyl chloride	1.9251 2.4280	2.0510 2.2141	2.1949	2.4423	2.4412	Ave		2.242 4				9.2		20.0			
1,3-Diethylbenzene	1.8308 2.0074	1.9334 1.7782	1.6255	2.0747	2.0150	Ave		1.895 n				8.4		20.0			
1,4-Diethylbenzene	2.0172 2.0911	2.0813 1.8782	1.7023	2.1898	2.1417	Ave		2.014 5				8.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
Environment Testing, LLC

SDG No.: _____

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	1.6619 1.6954	1.6562 1.5094	1.3132	1.7597	1.7199	Ave		1.616 5				9.6		20.0			
1,2-Dichlorobenzene	1.6121 1.6305	1.6529 1.4882	1.5595	1.7252	1.6688	Ave		1.619 6			0.4000	4.8		20.0			
1,2-Diethylbenzene	1.6465 1.7600	1.6894 1.6049	1.4698	1.8170	1.7836	Ave		1.681 6				7.2		20.0			
1,2-Dibromo-3-Chloropropane	0.3506 0.3736	0.3397 0.3422	0.3501	0.3839	0.3737	Ave		0.359 1			0.0500	4.9		20.0			
1,3,5-Trichlorobenzene	1.3938 1.3367	1.4116 1.1705	1.1533	1.4346	1.3703	Ave		1.324 4				8.7		20.0			
1,2,4-Trichlorobenzene	1.5048 1.3342	1.4730 1.1301	1.2799	1.4558	1.3794	Ave		1.365 3			0.2000	9.6		20.0			
2-Ethylhexyl acrylate	1.5995 1.5876	1.4484 1.3178	1.1850	1.5572	1.6232	Ave		1.474 1				11.3		20.0			
Hexachlorobutadiene	0.7232 0.5653	0.6322 0.4530	0.4486	0.6082	0.5921	Ave		0.574 7				17.0		20.0			
Naphthalene	6.0773 5.1391	5.5221 3.7058	5.2367	5.6918	5.3557	Ave		5.246 9				14.3		20.0			
1,2,3-Trichlorobenzene	1.7606 1.3799	1.4927 1.1275	1.3466	1.4989	1.3920	Ave		1.428 3				13.4		20.0			
2-Methylnaphthalene	++++ 3.0809	3.3977 2.1733	3.0627	3.3785	3.1685	Ave		3.043 6				14.8		20.0			
Dibromofluoromethane (Surr)	0.2412 0.2344	0.2366 0.2324	0.2384	0.2420	0.2379	Ave		0.237 6				1.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.0605 0.0601	0.0604 0.0600	0.0608	0.0596	0.0612	Ave		0.060 4				0.9		20.0			
Toluene-d8 (Surr)	1.3722 1.3277	1.3646 1.2972	1.3691	1.3704	1.3356	Ave		1.348 1				2.1		20.0			
4-Bromofluorobenzene (Surr)	0.5148 0.5078	0.5192 0.5226	0.5158	0.5170	0.5124	Ave		0.515 7				0.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
Environment Testing, LLC

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-664115/12	YU27X18.D
Level 2	IC 410-664115/13	YU27X17.D
Level 3	IC 410-664115/14	YU27X16.D
Level 4	IC 410-664115/15	YU27X15.D
Level 5	ICIS 410-664115/16	YU27X14.D
Level 6	IC 410-664115/17	YU27X13.D
Level 7	IC 410-664115/18	YU27X12.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	7717 1187404	39555 3223297	107978	165778	589084	1.00 100	4.00 300	10.0	20.0	50.0
Chloromethane	FB	Ave	11692 1365015	49443 3772944	131811	242542	671924	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Butadiene	FB	Ave	10553 1287771	45028 3508332	115837	191299	602214	1.00 100	4.00 300	10.0	20.0	50.0
Vinyl chloride	FB	Ave	10342 1321012	45953 3542017	120916	216400	634540	1.00 100	4.00 300	10.0	20.0	50.0
Bromomethane	FB	Ave	7799 874940	32930 2316669	86958	158288	429472	1.00 100	4.00 300	10.0	20.0	50.0
Chloroethane	FB	Ave	5729 621677	23298 1697150	61372	109751	300879	1.00 100	4.00 300	10.0	20.0	50.0
Dichlorofluoromethane	FB	Ave	18453 1900479	70284 5228152	182635	333166	922867	1.00 100	4.00 300	10.0	20.0	50.0
n-Pentane	FB	Ave	10151 1125045	51963 3553417	94172	222482	561754	1.00 100	4.00 300	10.0	20.0	50.0
Trichlorofluoromethane	FB	Ave	10547 1405611	46742 3866517	127491	210823	682652	1.00 100	4.00 300	10.0	20.0	50.0
Freon 123a	FB	Ave	8756 886667	33216 2497858	83209	146676	425373	1.00 100	4.00 300	10.0	20.0	50.0
Acrolein	TBAd1 0	Ave	19609 2405187	82835 7073796	222694	441882	1146052	9.76 976	39.0 2928	97.6	195	488
1,1-Dichloroethene	FB	Ave	5482 569656	23133 1786472	50382	114181	279773	1.00 100	4.00 300	10.0	20.0	50.0
Acetone	TBAd1 0	Ave	2293 268891	9359 741052	25301	51835	129128	2.00 200	8.00 600	20.0	40.0	100
Freon 113	FB	Ave	6059 784488	29792 2365251	65013	152786	388169	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
Environment Testing, LLC

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2-Propanol	TBA01	Ave	13211 936673	51282 2604467	89871	213177	476595	5.00 500	20.0 1500	50.0	100	250
Methyl iodide	FB	Ave	9900 1177165	45484 3585355	103002	238480	572579	1.00 100	4.00 300	10.0	20.0	50.0
Carbon disulfide	FB	Ave	18986 2048983	83011 6659804	184957	419661	1048058	1.00 100	4.00 300	10.0	20.0	50.0
Methyl acetate	FB	Ave	5793 829093	29784 2443087	69221	153017	396553	1.00 100	4.00 300	10.0	20.0	50.0
Allyl chloride	FB	Ave	12460 938778	35955 2805633	85144	189369	467569	1.00 100	4.00 300	10.0	20.0	50.0
Methylene Chloride	FB	Ave	5942 685850	26725 2073506	60033	138400	328641	1.00 100	4.00 300	10.0	20.0	50.0
t-Butyl alcohol	TBA01	Ave	12081 1204028	48229 3346161	114634	250136	587326	5.00 500	20.0 1500	50.0	100	250
Acrylonitrile	FB	Ave	9619 1089952	40877 3194403	103456	227651	537767	2.50 250	10.0 750	25.0	50.0	125
Methyl tert-butyl ether	FB	Ave	21838 2325323	92282 6758533	221776	481221	1144708	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	5488 559540	22698 1664703	52032	117529	281989	1.00 100	4.00 300	10.0	20.0	50.0
n-Hexane	FB	Ave	8893 979056	37895 2827967	67705	195944	499766	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloroethane	FB	Ave	8741 1034426	40925 3040769	96804	218052	527003	1.00 100	4.00 300	10.0	20.0	50.0
Isopropyl ether	FB	Ave	19962 2131236	81949 6388350	200977	434210	1072361	1.00 100	4.00 300	10.0	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	7933 923752	36557 2701115	86026	194085	473778	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl t-butyl ether	FB	Ave	20777 2261111	84997 6747576	204454	454192	1123318	1.00 100	4.00 300	10.0	20.0	50.0
2-Butanone (MEK)	FB	Ave	15627 1260386	41712 3656535	111226	226883	600639	2.00 200	8.00 600	20.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	6339 664730	26023 1936103	62751	140367	334937	1.00 100	4.00 300	10.0	20.0	50.0
2,2-Dichloropropane	FB	Ave	9847 1059892	40543 3196476	91090	210109	522398	1.00 100	4.00 300	10.0	20.0	50.0
Propionitrile	TBA01	Ave	9320 1084300	37928 3255351	98187	211365	520886	5.00 500	20.0 1500	50.0	100	250

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
Environment Testing, LLC

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Methyl acrylate	FB	Ave	7983 1027266	34749 2995981	76687	203416	516594	1.00 100	4.00 300	10.0	20.0	50.0
Methacrylonitrile	FB	Ave	9038 1117827	41298 3246752	101925	223863	546685	2.50 250	10.0 750	25.0	50.0	125
Bromochloromethane	FB	Ave	2795 338717	12906 993385	31065	70401	167291	1.00 100	4.00 300	10.0	20.0	50.0
Tetrahydrofuran	TBA d1 0	Ave	8265 912928	34378 2698152	83387	188573	445060	5.00 500	20.0 1500	50.0	100	250
Chloroform	FB	Ave	9706 1014740	40839 2962509	95901	217605	510481	1.00 100	4.00 300	10.0	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	9249 1028788	39884 3178413	91948	210808	510208	1.00 100	4.00 300	10.0	20.0	50.0
Cyclohexane	FB	Ave	11874 1378268	52956 4254245	108648	272073	678187	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloropropene	FB	Ave	7156 864329	33746 2551654	75255	178262	434203	1.00 100	4.00 300	10.0	20.0	50.0
Carbon tetrachloride	FB	Ave	6713 887964	32782 2730068	73684	174592	432450	1.00 100	4.00 300	10.0	20.0	50.0
Isobutyl alcohol	TBA d1 0	Ave	11628 959853	41230 2800545	89893	193151	466671	12.5 1250	50.0 3750	125	250	625
Benzene	FB	Ave	22952 2575284	101904 7529682	234761	530076	1290005	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichloroethane	FB	Ave	8138 823799	32492 2449027	75303	172769	407905	1.00 100	4.00 300	10.0	20.0	50.0
t-Amyl methyl ether	FB	Ave	19881 2219014	81918 6844207	197367	439516	1089326	1.00 100	4.00 300	10.0	20.0	50.0
n-Heptane	FB	Ave	10802 978449	36380 2812006	56727	189951	489238	1.00 100	4.00 300	10.0	20.0	50.0
n-Butanol	TBA d1 0	Ave	6135 812783	26915 2436929	68899	149568	393759	12.5 1250	50.0 3750	125	250	625
Trichloroethene	FB	Ave	5641 658099	26061 1955004	60836	135877	331389	1.00 100	4.00 300	10.0	20.0	50.0
Methylcyclohexane	FB	Ave	12173 1406498	53405 4333418	101386	273263	698693	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl acrylate	FB	Ave	15013 1395185	57071 4407244	107870	277278	687878	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichloropropane	FB	Ave	6043 702154	26701 2102502	63362	143000	349298	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
t-Amyl ethyl ether	FB	Ave	8855 1070510	39891 3302199	93052	212664	511462	1.00 100	4.00 300	10.0	20.0	50.0
Methyl methacrylate	FB	Ave	5564 693454	24049 2090907	60185	138388	339954	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Dioxane	TBAd1 0	Ave	++++ 263121	8472 772702	25155	54021	131701	++++ 1250	50.0 3750	125	250	625
Dibromomethane	FB	Ave	3984 445016	16874 1337735	40397	89961	220507	1.00 100	4.00 300	10.0	20.0	50.0
Bromodichloromethane	FB	Ave	6782 822982	29188 2492047	69577	161764	402455	1.00 100	4.00 300	10.0	20.0	50.0
2-Nitropropane	TBAd1 0	Ave	13541 1570726	53187 4735192	132380	302069	755551	5.00 500	20.0 1500	50.0	100	250
2-Chloroethyl vinyl ether	FB	Ave	3376 483108	15330 1503573	42707	92332	235052	1.00 100	4.00 300	10.0	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	8743 1106495	38380 3387781	93557	220320	543603	1.00 100	4.00 300	10.0	20.0	50.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	21853 2550917	86451 7616665	230382	471975	1259766	2.00 200	8.00 600	20.0	40.0	100
Toluene	CBZd5	Ave	14091 1644773	62969 4938336	144248	330946	825080	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,3-Dichloropropene	CBZd5	Ave	8699 1027523	35257 3180757	86995	194787	496113	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl methacrylate	CBZd5	Ave	9827 1171929	41504 3505077	105466	238172	585238	1.00 100	4.00 300	10.0	20.0	50.0
1,1,2-Trichloroethane	CBZd5	Ave	5892 629348	23858 1929538	56473	126096	310198	1.00 100	4.00 300	10.0	20.0	50.0
Tetrachloroethene	CBZd5	Ave	6310 673240	25310 2052588	56434	133732	335890	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Dichloropropane	CBZd5	Ave	8843 1072406	37139 3306899	93956	210563	524164	1.00 100	4.00 300	10.0	20.0	50.0
2-Hexanone	CBZd5	Ave	16529 1821419	58907 5450489	166157	321408	887637	2.00 200	8.00 600	20.0	40.0	100
Dibromochloromethane	CBZd5	Ave	5295 704471	23190 2225255	56960	129905	337139	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dibromoethane (EDB)	CBZd5	Ave	5522 691805	24189 2131102	60127	136048	342594	1.00 100	4.00 300	10.0	20.0	50.0
1-Chlorohexane	CBZd5	Ave	9567 910881	36134 2748444	71995	184655	456936	1.00 100	4.00 300	10.0	20.0	50.0
Chlorobenzene	CBZd5	Ave	16625	70801	165555	377952	941931	1.00	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
Environment Testing, LLC

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1882418	5734797				100	300			
1,1,1,2-Tetrachloroethane	CBZd5	Ave	5449 739352	25480 2264460	61712	142462	362327	1.00 100	4.00 300	10.0	20.0	50.0
Ethylbenzene	CBZd5	Ave	29640 3331795	121495 9964900	293280	681210	1677042	1.00 100	4.00 300	10.0	20.0	50.0
m&p-Xylene	CBZd5	Ave	22539 2626381	98637 7952946	225953	535237	1318664	2.00 200	8.00 600	20.0	40.0	100
n-Butyl acrylate	CBZd5	Ave	14581 1621336	60195 4836276	128486	326287	824871	1.000 100.0	4.00 300	10.00	20.0	50.0
o-Xylene	CBZd5	Ave	11427 1381604	50320 4183833	122490	280231	692511	1.00 100	4.00 300	10.0	20.0	50.0
Styrene	CBZd5	Ave	17939 2166734	78976 6617652	191707	436947	1080622	1.00 100	4.00 300	10.0	20.0	50.0
Bromoform	CBZd5	Ave	3565 536034	15936 1716303	40761	98225	255423	1.00 100	4.00 300	10.0	20.0	50.0
Isopropylbenzene	CBZd5	Ave	28089 3330810	124553 9762343	277732	682494	1678072	1.00 100	4.00 300	10.0	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	11115 1254643	43498 3901606	111838	254153	623341	1.00 100	4.00 300	10.0	20.0	50.0
Bromobenzene	DCBd4	Ave	6930 816735	30930 2590257	71553	166345	409739	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	7275 900546	31825 2845182	76192	174508	445143	2.50 250	10.0 750	25.0	50.0	125
1,2,3-Trichloropropane	DCBd4	Ave	3248 367151	13616 1135105	32781	76934	183734	1.00 100	4.00 300	10.0	20.0	50.0
N-Propylbenzene	DCBd4	Ave	35046 4187091	157878 11954574	342113	859933	2102114	1.00 100	4.00 300	10.0	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	7585 867682	31749 2693294	74251	176639	432741	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	26830 3311264	121662 9878024	267724	668598	1635126	1.00 100	4.00 300	10.0	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	6617 840301	32421 2661617	74221	169873	412190	1.00 100	4.00 300	10.0	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	4880 649853	22762 2073285	48721	125492	316959	1.00 100	4.00 300	10.0	20.0	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	28378 3349903	125781 9988186	282855	684197	1670440	1.00 100	4.00 300	10.0	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	35285 4272902	156506 12140375	315250	862774	2130660	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	15242	63465	147520	341421	828409	1.00	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
Environment Testing, LLC

SDG No.: _____

Instrument ID: 9355 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1649183	5132174				100	300			
p-Isopropyltoluene	DCBd4	Ave	30049 3750430	136127 10825727	280167	748199	1872508	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	16616 1672453	67035 5217560	152947	342955	828374	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trimethylbenzene	DCBd4	Ave	31511 3640477	133466 10851467	312396	735298	1809469	1.00 100	4.00 300	10.0	20.0	50.0
Benzyl chloride	DCBd4	Ave	19213 2621146	85018 8108258	225098	512814	1289100	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Diethylbenzene	DCBd4	Ave	18272 2167059	80143 6512200	166709	435631	1064046	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Diethylbenzene	DCBd4	Ave	20132 2257443	86275 6878106	174586	459814	1130944	1.00 100	4.00 300	10.0	20.0	50.0
n-Butylbenzene	DCBd4	Ave	16586 1830259	68651 5527678	134677	369501	908217	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	16089 1760209	68514 5449968	159934	362255	881244	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Diethylbenzene	DCBd4	Ave	16432 1900040	70028 5877345	150738	381526	941887	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	3499 403355	14080 1253313	35903	80611	197340	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	13910 1443016	58514 4286679	118280	301237	723617	1.00 100	4.00 300	10.0	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	15018 1440312	61060 4138494	131264	305685	728421	1.00 100	4.00 300	10.0	20.0	50.0
2-Ethylhexyl acrylate	DCBd4	Ave	15955 1712980	60007 4823325	121464	326810	856732	0.999 99.9	4.00 300	9.99	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	7218 610292	26206 1658790	46009	127703	312687	1.00 100	4.00 300	10.0	20.0	50.0
Naphthalene	DCBd4	Ave	60653 5547869	228901 13571170	537060	1195144	2828178	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	17571 1489627	61877 4128986	138097	314725	735057	1.00 100	4.00 300	10.0	20.0	50.0
2-Methylnaphthalene	DCBd4	Ave	+++++ 3325979	140839 7958825	314095	709395	1673198	+++++ 100	4.00 300	10.0	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	275567 284854	281078 287319	280331	289609	283112	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	69129 73004	71765 74126	71522	71275	72834	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZd5	Ave	1140197	1183338	1180502	1218160	1219363	50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
Environment Testing, LLC

SDG No.: _____

Instrument ID: 9355 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Bromofluorobenzene (Surr)	CBZd5	Ave	1244751	1284088				50.0	50.0			
			427764	450266	444765	459528	467847	50.0	50.0	50.0	50.0	50.0
			476097	517333				50.0	50.0			

Curve Type Legend:

Ave = Average ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
Environment Testing, LLC

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-664115/12	YU27X18.D
Level 2	IC 410-664115/13	YU27X17.D
Level 3	IC 410-664115/14	YU27X16.D
Level 4	IC 410-664115/15	YU27X15.D
Level 5	ICIS 410-664115/16	YU27X14.D
Level 6	IC 410-664115/17	YU27X13.D
Level 7	IC 410-664115/18	YU27X12.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Dichlorodifluoromethane	-20.6 2.2	-2.2	8.0	-18.6	16.4	14.9	50 30	30	30	30	30	30
Chloromethane	-4.1 -4.6	-2.5	5.1	-5.0	5.8	5.3	50 30	30	30	30	30	30
1,3-Butadiene	-3.1 -0.8	-0.6	3.3	-16.2	6.2	11.2	50 30	30	30	30	30	30
Vinyl chloride	-8.4 -3.3	-2.1	4.1	-8.4	8.0	10.1	50 30	30	30	30	30	30
Bromomethane	-1.3 -9.7	0.2	6.9	-4.4	4.3	4.1	50 30	30	30	30	30	30
Chloroethane	1.8 -7.1	-0.4	6.0	-6.9	2.7	3.9	50 30	30	30	30	30	30
Dichlorofluoromethane	7.0 -6.6	-2.0	2.9	-7.8	2.8	3.6	50 30	30	30	30	30	30
n-Pentane	-4.9 2.5	17.0	-14.3	-0.5	1.0	-0.9	50 30	30	30	30	30	30
Trichlorofluoromethane	-10.5 1.1	-4.6	5.2	-14.6	11.3	12.2	50 30	30	30	30	30	30
Freon 123a	9.4 -3.9	-0.2	1.0	-12.5	2.0	4.2	50 30	30	30	30	30	30
Acrolein	-10.3 5.2	-5.0	-0.6	-1.4	3.5	8.6	50 30	30	30	30	30	30
1,1-Dichloroethene	2.0 2.4	3.5	-8.9	1.4	0.0	-0.3	50 30	30	30	30	30	30
Acetone	-7.0 -2.2	-4.8	0.2	2.6	3.4	7.7	50 30	30	30	30	30	30
Freon 113	-13.4 4.2	2.4	-9.7	4.3	6.6	5.5	50 30	30	30	30	30	30
2-Propanol	27.8 -18.1	24.3	-15.1	0.6	-9.0	-10.5	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
Environment Testing, LLC

SDG No.: _____

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Methyl iodide	-8.0 2.6	1.6	-7.0	5.8	2.2	2.8	50 30	30	30	30	30	30
Carbon disulfide	-2.9 4.9	2.1	-8.1	2.5	2.9	-1.5	50 30	30	30	30	30	30
Methyl acetate	-18.8 5.5	0.4	-5.7	2.4	6.8	9.3	50 30	30	30	30	30	30
Allyl chloride	34.5 -6.7	-6.7	-10.7	-2.4	-3.1	-4.7	50 30	30	30	30	30	30
Methylene Chloride	-5.4 1.7	2.3	-7.1	5.2	0.5	2.7	50 30	30	30	30	30	30
t-Butyl alcohol	3.2 -7.0	3.3	-4.4	4.3	-0.9	1.6	50 30	30	30	30	30	30
Acrylonitrile	-4.9 -2.7	-2.8	-0.6	7.5	2.1	1.4	50 30	30	30	30	30	30
Methyl tert-butyl ether	-0.2 -4.9	1.4	-1.5	5.0	0.4	-0.1	50 30	30	30	30	30	30
trans-1,2-Dichloroethene	2.7 -4.1	2.1	-5.4	5.0	1.3	-1.6	50 30	30	30	30	30	30
n-Hexane	1.3 -0.8	3.8	-25.1	6.6	9.3	4.9	50 30	30	30	30	30	30
1,1-Dichloroethane	-9.5 -3.0	1.9	-2.6	7.8	4.8	0.7	50 30	30	30	30	30	30
Isopropyl ether	-0.4 -1.8	-1.7	-2.5	3.5	2.8	0.0	50 30	30	30	30	30	30
2-Chloro-1,3-butadiene	-8.1 -3.6	1.8	-3.2	7.3	5.3	0.6	50 30	30	30	30	30	30
Ethyl t-butyl ether	-0.6 -0.6	-2.3	-5.0	3.7	3.1	1.7	50 30	30	30	30	30	30
2-Butanone (MEK)	33.5 -3.8	-14.3	-7.7	-7.5	-1.5	1.2	50 30	30	30	30	30	30
cis-1,2-Dichloroethene	0.7 -5.2	-0.6	-3.1	6.5	2.2	-0.7	50 30	30	30	30	30	30
2,2-Dichloropropane	0.9 0.9	-0.1	-9.3	2.8	2.8	2.1	50 30	30	30	30	30	30
Propionitrile	-7.2 5.4	-5.3	-4.6	2.7	2.4	6.6	50 30	30	30	30	30	30
Methyl acrylate	-10.3 3.7	-6.1	-16.3	9.1	11.4	8.5	50 30	30	30	30	30	30
Methacrylonitrile	-10.4 -0.8	-1.5	-1.7	6.0	4.1	4.3	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
Environment Testing, LLC

SDG No.: _____

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Bromochloromethane	-10.0 -1.4	-0.1	-2.8	8.2	3.5	2.6	50 30	30	30	30	30	30
Tetrahydrofuran	-4.9 1.0	-0.8	-6.3	5.9	1.2	3.8	50 30	30	30	30	30	30
Chloroform	0.3 -5.6	1.5	-3.6	7.4	1.4	-1.3	50 30	30	30	30	30	30
1,1,1-Trichloroethane	-3.5 2.1	0.0	-6.8	5.0	2.2	0.9	50 30	30	30	30	30	30
Cyclohexane	-4.7 5.2	2.2	-15.3	4.2	4.5	4.0	50 30	30	30	30	30	30
1,1-Dichloropropene	-9.6 -0.7	2.5	-7.6	7.5	5.3	2.7	50 30	30	30	30	30	30
Carbon tetrachloride	-14.8 6.7	0.0	-9.1	5.8	5.4	6.0	50 30	30	30	30	30	30
Isobutyl alcohol	19.7 -6.2	6.5	-9.6	-2.9	-5.1	-2.4	50 30	30	30	30	30	30
Benzene	-4.2 -3.2	2.2	-4.8	5.6	3.4	1.0	50 30	30	30	30	30	30
1,2-Dichloroethane	4.3 -3.3	0.1	-6.2	5.7	0.3	-0.8	50 30	30	30	30	30	30
t-Amyl methyl ether	-2.4 3.5	-3.3	-5.9	3.0	2.7	2.4	50 30	30	30	30	30	30
n-Heptane	23.2 -1.2	-0.3	-37.1 *	3.4	7.1	4.9	50 30	30	30	30	30	30
n-Butanol	-15.2 9.6	-6.7	-7.0	0.9	7.5	11.0	50 30	30	30	30	30	30
Trichloroethene	-7.9 -1.7	2.3	-3.5	5.9	3.9	1.0	50 30	30	30	30	30	30
Methylcyclohexane	-3.1 6.3	2.2	-21.5	3.9	6.8	5.3	50 30	30	30	30	30	30
Ethyl acrylate	13.8 2.9	4.0	-20.5	0.3	0.1	-0.6	50 30	30	30	30	30	30
1,2-Dichloropropane	-6.5 0.2	-0.7	-4.7	5.6	3.8	2.2	50 30	30	30	30	30	30
t-Amyl ethyl ether	-8.4 5.2	-0.8	-6.5	5.0	1.5	4.1	50 30	30	30	30	30	30
Methyl methacrylate	-10.0 4.2	-6.5	-5.4	6.8	5.6	5.4	50 30	30	30	30	30	30
1,4-Dioxane	++++ 1.0	-14.6	-1.3	5.9	4.5	4.5	30	50	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
Environment Testing, LLC

SDG No.: _____

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Dibromomethane	-3.2 0.2	-1.4	-4.6	4.4	2.9	1.7	50 30	30	30	30	30	30
Bromodichloromethane	-7.7 4.5	-4.5	-8.0	5.1	5.2	5.3	50 30	30	30	30	30	30
2-Nitropropane	-5.6 7.4	-7.0	-9.9	2.8	4.0	8.2	50 30	30	30	30	30	30
2-Chloroethyl vinyl ether	-19.4 10.6	-12.0	-0.9	5.3	7.8	8.5	50 30	30	30	30	30	30
cis-1,3-Dichloropropene	-11.1 6.1	-6.2	-7.6	6.9	6.1	5.8	50 30	30	30	30	30	30
4-Methyl-2-pentanone (MIBK)	-3.9 3.2	-8.6	-1.6	-0.9	6.4	5.5	50 30	30	30	30	30	30
Toluene	-3.3 -5.1	3.6	-4.6	6.2	3.1	0.1	50 30	30	30	30	30	30
trans-1,3-Dichloropropene	-1.3 1.0	-4.1	-4.8	3.3	2.5	3.4	50 30	30	30	30	30	30
Ethyl methacrylate	-4.3 -4.5	-3.2	-1.1	8.4	3.7	1.1	50 30	30	30	30	30	30
1,1,2-Trichloroethane	4.2 -4.5	1.1	-3.7	4.3	-0.1	-1.3	50 30	30	30	30	30	30
Tetrachloroethene	5.5 -4.0	1.3	-9.1	4.5	2.2	-0.3	50 30	30	30	30	30	30
1,3-Dichloropropane	-4.7 -0.3	-4.1	-2.4	6.1	2.9	2.5	50 30	30	30	30	30	30
2-Hexanone	5.9 -2.3	-9.6	2.6	-3.7	3.5	3.5	50 30	30	30	30	30	30
Dibromochloromethane	-9.6 6.3	-5.2	-6.3	3.6	4.7	6.6	50 30	30	30	30	30	30
1,2-Dibromoethane (EDB)	-7.5 -0.1	-3.0	-3.0	6.5	4.4	2.7	50 30	30	30	30	30	30
1-Chlorohexane	15.7 -7.0	4.7	-16.1	4.4	0.6	-2.3	50 30	30	30	30	30	30
Chlorobenzene	-0.6 -4.1	1.4	-4.6	5.6	2.5	-0.2	50 30	30	30	30	30	30
1,1,1,2-Tetrachloroethane	-12.6 1.6	-2.1	-4.6	6.8	5.8	5.1	50 30	30	30	30	30	30
Ethylbenzene	0.3 -5.6	-1.5	-4.3	7.8	3.3	0.0	50 30	30	30	30	30	30
m&p-Xylene	-2.9 -4.1	1.8	-6.2	7.8	3.4	0.3	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
Environment Testing, LLC

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
n-Butyl acrylate	2.5 -4.8	1.4	-12.9	7.2	5.6	1.0	50 30	30	30	30	30	30
o-Xylene	-5.8 -3.5	-0.7	-2.7	7.9	3.9	0.9	50 30	30	30	30	30	30
Styrene	-5.7 -2.7	-0.5	-2.9	7.4	3.4	1.0	50 30	30	30	30	30	30
Bromoform	-17.1 11.7	-11.2	-8.7	6.8	8.1	10.5	50 30	30	30	30	30	30
Isopropylbenzene	-3.6 -6.3	2.4	-8.1	9.5	4.8	1.3	50 30	30	30	30	30	30
1,1,2,2-Tetrachloroethane	-1.0 -5.3	-6.7	-3.0	7.6	5.0	3.3	50 30	30	30	30	30	30
Bromobenzene	-6.0 -4.2	1.0	-5.5	7.3	5.1	2.4	50 30	30	30	30	30	30
trans-1,4-Dichloro-2-butene	-7.6 -1.6	-2.7	-5.9	5.3	6.8	5.7	50 30	30	30	30	30	30
1,2,3-Trichloropropane	-2.6 -7.2	-1.7	-4.3	9.7	4.2	1.8	50 30	30	30	30	30	30
N-Propylbenzene	-5.0 -11.7	3.0	-9.8	10.8	7.7	4.9	50 30	30	30	30	30	30
2-Chlorotoluene	-2.4 -5.5	-1.6	-7.0	8.1	5.3	3.2	50 30	30	30	30	30	30
1,3,5-Trimethylbenzene	-7.2 -6.9	1.3	-9.9	9.9	6.9	5.9	50 30	30	30	30	30	30
4-Chlorotoluene	-11.8 -3.3	4.0	-3.8	7.6	3.8	3.5	50 30	30	30	30	30	30
tert-Butylbenzene	-11.8 2.2	-0.9	-14.3	7.8	8.3	8.6	50 30	30	30	30	30	30
1,2,4-Trimethylbenzene	-4.7 -8.6	1.7	-7.6	9.2	6.0	4.0	50 30	30	30	30	30	30
sec-Butylbenzene	-4.1 -10.1	2.4	-16.6	11.5	9.5	7.4	50 30	30	30	30	30	30
1,3-Dichlorobenzene	0.7 -7.6	0.9	-5.2	7.2	3.4	0.7	50 30	30	30	30	30	30
p-Isopropyltoluene	-6.6 -8.3	1.9	-15.3	10.5	10.0	7.8	50 30	30	30	30	30	30
1,4-Dichlorobenzene	6.4 -8.9	3.4	-4.7	4.4	0.3	-1.0	50 30	30	30	30	30	30
1,2,3-Trimethylbenzene	-2.6 -8.6	-0.7	-6.0	8.0	5.7	4.0	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1 Analy Batch No.: 664115
Environment Testing, LLC

SDG No.: _____

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Benzyl chloride	-14.1 -1.3	-8.5	-2.1	8.9	8.9	8.3	50 30	30	30	30	30	30
1,3-Diethylbenzene	-3.4 -6.2	2.0	-14.2	9.5	6.3	5.9	50 30	30	30	30	30	30
1,4-Diethylbenzene	0.1 -6.8	3.3	-15.5	8.7	6.3	3.8	50 30	30	30	30	30	30
n-Butylbenzene	2.8 -6.6	2.5	-18.8	8.9	6.4	4.9	50 30	30	30	30	30	30
1,2-Dichlorobenzene	-0.5 -8.1	2.1	-3.7	6.5	3.0	0.7	50 30	30	30	30	30	30
1,2-Diethylbenzene	-2.1 -4.6	0.5	-12.6	8.1	6.1	4.7	50 30	30	30	30	30	30
1,2-Dibromo-3-Chloropropane	-2.4 -4.7	-5.4	-2.5	6.9	4.1	4.0	50 30	30	30	30	30	30
1,3,5-Trichlorobenzene	5.2 -11.6	6.6	-12.9	8.3	3.5	0.9	50 30	30	30	30	30	30
1,2,4-Trichlorobenzene	10.2 -17.2	7.9	-6.3	6.6	1.0	-2.3	50 30	30	30	30	30	30
2-Ethylhexyl acrylate	8.5 -10.6	-1.7	-19.6	5.6	10.1	7.7	50 30	30	30	30	30	30
Hexachlorobutadiene	25.9 -21.2	10.0	-21.9	5.8	3.0	-1.6	50 30	30	30	30	30	30
Naphthalene	15.8 -29.4	5.2	-0.2	8.5	2.1	-2.1	50 30	30	30	30	30	30
1,2,3-Trichlorobenzene	23.3 -21.1	4.5	-5.7	4.9	-2.5	-3.4	50 30	30	30	30	30	30
2-Methylnaphthalene	++++ -28.6	11.6	0.6	11.0	4.1	1.2	50 30	30	30	30	30	30
Dibromofluoromethane (Surr)	1.5 -2.2	-0.4	0.4	1.9	0.1	-1.3	50 30	30	30	30	30	30
1,2-Dichloroethane-d4 (Surr)	0.2 -0.7	0.1	0.8	-1.3	1.4	-0.5	50 30	30	30	30	30	30
Toluene-d8 (Surr)	1.8 -3.8	1.2	1.6	1.7	-0.9	-1.5	50 30	30	30	30	30	30
4-Bromofluorobenzene (Surr)	-0.2 1.3	0.7	0.0	0.2	-0.6	-1.5	50 30	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
 Lims ID: IC v1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 27-Jun-2025 19:12:30 ALS Bottle#: 18 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0151826-018
 Misc. Info.: IC V300
 Operator ID: kas02648 Instrument ID: 9355
 Sublist: chrom-MSVoa_9355*sub90
 Method: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\MSVoa_9355.m
 Limit Group: MSV - 8260C_D
 Last Update: 30-Jun-2025 14:25:27 Calib Date: 27-Jun-2025 19:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1644

First Level Reviewer: Y6ZN

Date: 27-Jun-2025 19:52:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.795	1.816	-0.021	95	7717	1.00	0.7939	
6 Chloromethane	50	1.981	1.988	-0.007	97	11692	1.00	0.9591	
8 Butadiene	39	2.081	2.081	0.000	91	10553	1.00	0.9688	M
7 Vinyl chloride	62	2.088	2.088	0.000	95	10342	1.00	0.9165	
10 Bromomethane	94	2.403	2.403	0.000	92	7799	1.00	0.9866	
11 Chloroethane	64	2.445	2.445	0.000	88	5729	1.00	1.02	
12 Dichlorofluoromethane	67	2.681	2.681	0.000	96	18453	1.00	1.07	
13 Pentane	43	2.760	2.746	0.014	97	10151	1.00	0.9508	M
14 Trichlorofluoromethane	101	2.753	2.767	-0.014	52	10547	1.00	0.8951	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	2.996	3.017	-0.021	78	8756	1.00	1.09	
18 Acrolein	56	3.082	3.082	0.000	98	19609	9.76	8.75	
19 1,1-Dichloroethene	96	3.218	3.218	0.000	93	5482	1.00	1.02	
20 Acetone	58	3.225	3.232	-0.007	99	2293	2.00	1.86	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.253	3.261	-0.008	84	6059	1.00	0.8664	
22 Isopropyl alcohol	45	3.368	3.368	0.000	79	13211	5.00	6.39	M
23 Iodomethane	142	3.396	3.404	-0.008	97	9900	1.00	0.9198	
24 Carbon disulfide	76	3.511	3.511	0.000	95	18986	1.00	0.9710	M
26 Methyl acetate	43	3.618	3.611	0.007	62	5793	1.00	0.8122	
27 3-Chloro-1-propene	41	3.640	3.640	0.000	94	12460	1.00	1.34	
29 Methylene Chloride	84	3.811	3.811	0.000	35	5942	1.00	0.9462	
* 28 t-Butyl alcohol-d10 (IS)	65	3.811	3.818	-0.007	36	581115	250.0	250.0	
30 2-Methyl-2-propanol	59	3.947	3.926	0.021	29	12081	5.00	5.16	
31 Acrylonitrile	53	4.133	4.090	0.043	96	9619	2.50	2.38	
32 Methyl tert-butyl ether	73	4.183	4.190	-0.007	94	21838	1.00	1.00	
33 trans-1,2-Dichloroethene	96	4.197	4.204	-0.007	86	5488	1.00	1.03	
35 Hexane	57	4.648	4.633	0.015	92	8893	1.00	1.01	
37 1,1-Dichloroethane	63	4.862	4.855	0.007	90	8741	1.00	0.9049	
38 Isopropyl ether	45	4.919	4.919	0.000	95	19962	1.00	1.00	
39 2-Chloro-1,3-butadiene	53	4.984	4.969	0.015	92	7933	1.00	0.9186	
41 Tert-butyl ethyl ether	59	5.477	5.470	0.007	96	20777	1.00	0.99	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2-Butanone (MEK)	43	5.706	5.670	0.036	57	15627	2.00	2.67	M
43 cis-1,2-Dichloroethene	96	5.713	5.699	0.014	77	6339	1.00	1.01	
44 2,2-Dichloropropane	77	5.713	5.727	-0.014	58	9847	1.00	1.01	
45 Propionitrile	54	5.777	5.742	0.035	88	9320	5.00	4.64	
47 Methyl acrylate	55	5.870	5.813	0.057	2	7983	1.00	0.8970	M
48 Methacrylonitrile	67	5.999	5.963	0.036	67	9038	2.50	2.24	
50 Chlorobromomethane	128	6.056	6.042	0.014	80	2795	1.00	0.9001	
51 Tetrahydrofuran	71	6.071	6.063	0.008	93	8265	5.00	4.76	
S 49 1,2-Dichloroethene, Total	100				0			2.03	
53 Chloroform	83	6.199	6.199	0.000	91	9706	1.00	1.00	
\$ 54 Dibromofluoromethane (Surr)	113	6.414	6.421	-0.007	93	275567	50.0	50.8	
55 1,1,1-Trichloroethane	97	6.442	6.435	0.007	36	9249	1.00	0.9648	
56 Cyclohexane	56	6.557	6.550	0.007	90	11874	1.00	0.9527	
57 1,1-Dichloropropene	75	6.664	6.657	0.007	91	7156	1.00	0.9039	
58 Carbon tetrachloride	117	6.650	6.664	-0.014	89	6713	1.00	0.8520	
59 Isobutyl alcohol	41	6.807	6.800	0.007	45	11628	12.5	15.0	
\$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.886	6.886	0.000	99	69129	50.0	50.1	
61 Benzene	78	6.922	6.922	0.000	95	22952	1.00	0.9577	
62 1,2-Dichloroethane	62	7.007	6.993	0.014	82	8138	1.00	1.04	
64 Tert-amyl methyl ether	73	7.115	7.122	-0.007	99	19881	1.00	0.9759	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1142543	50.0	50.0	
66 n-Heptane	43	7.358	7.365	-0.007	90	10802	1.00	1.23	
67 n-Butanol	56	7.751	7.701	0.050	22	6135	12.5	10.6	
69 Trichloroethene	95	7.844	7.830	0.014	96	5641	1.00	0.9208	
71 Methylcyclohexane	83	8.151	8.151	0.000	90	12173	1.00	0.9693	
70 Ethyl acrylate	55	8.166	8.151	0.015	76	15013	1.00	1.14	
72 1,2-Dichloropropane	63	8.173	8.166	0.007	69	6043	1.00	0.9351	
73 2-ethoxy-2-methyl butane	87	8.173	8.180	-0.007	92	8855	1.00	0.9155	
74 Methyl methacrylate	69	8.266	8.251	0.015	85	5564	1.00	0.8996	
75 1,4-Dioxane	88	8.280	8.259	0.021	33	419	12.5	2.10	
76 Dibromomethane	93	8.287	8.280	0.007	96	3984	1.00	0.9683	
78 Dichlorobromomethane	83	8.509	8.516	-0.007	95	6782	1.00	0.9231	M
79 2-Nitropropane	41	8.766	8.759	0.007	95	13541	5.00	4.72	
80 2-Chloroethyl vinyl ether	63	8.909	8.888	0.021	84	3376	1.00	0.8063	
81 cis-1,3-Dichloropropene	75	9.095	9.081	0.014	96	8743	1.00	0.8887	
82 4-Methyl-2-pentanone (MIBK)	43	9.267	9.260	0.007	95	21853	2.00	1.92	
\$ 83 Toluene-d8 (Surr)	98	9.410	9.417	-0.007	93	1140197	50.0	50.9	
95 Toluene	92	9.503	9.496	0.007	97	14091	1.00	0.9674	
96 trans-1,3-Dichloropropene	75	9.782	9.767	0.015	91	8699	1.00	0.9874	
97 Ethyl methacrylate	69	9.853	9.839	0.014	89	9827	1.00	0.9566	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	87	5892	1.00	1.04	
S 112 1,3-Dichloropropene, Total	100				0			1.88	
114 Tetrachloroethene	166	10.082	10.082	0.000	94	6310	1.00	1.05	
115 1,3-Dichloropropane	76	10.153	10.146	0.007	88	8843	1.00	0.9533	
117 2-Hexanone	43	10.211	10.196	0.015	97	16529	2.00	2.12	
119 Chlorodibromomethane	129	10.375	10.375	0.000	89	5295	1.00	0.9036	
120 Ethylene Dibromide	107	10.497	10.489	0.008	95	5522	1.00	0.9247	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	86	830912	50.0	50.0	
122 1-Chlorohexane	91	10.954	10.947	0.007	95	9567	1.00	1.16	
132 Chlorobenzene	112	10.961	10.961	0.000	95	16625	1.00	0.99	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	87	5449	1.00	0.8740	
135 Ethylbenzene	91	11.054	11.054	0.000	98	29640	1.00	1.00	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 m-Xylene & p-Xylene	106	11.176	11.176	0.000	99	22539	2.00	1.94	
S 136 Xylenes, Total	106				0			2.88	
138 n-Butyl acrylate	55	11.476	11.462	0.014	95	14581	1.00	1.02	
139 o-Xylene	106	11.512	11.505	0.007	96	11427	1.00	0.9417	
140 Styrene	104	11.533	11.526	0.007	95	17939	1.00	0.9431	
141 Bromoform	173	11.684	11.684	0.000	91	3565	1.00	0.8290	
142 Isopropylbenzene	105	11.819	11.819	0.000	95	28089	1.00	0.9640	
\$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.962	0.000	88	427764	50.0	49.9	
147 1,1,2,2-Tetrachloroethane	83	12.063	12.063	0.000	93	11115	1.00	0.99	
149 Bromobenzene	156	12.077	12.077	0.000	93	6930	1.00	0.9401	
148 trans-1,4-Dichloro-2-butene	53	12.091	12.084	0.007	93	7275	2.50	2.31	
150 1,2,3-Trichloropropane	110	12.105	12.105	0.000	82	3248	1.00	0.9744	
151 N-Propylbenzene	91	12.156	12.148	0.008	98	35046	1.00	0.9500	
152 2-Chlorotoluene	126	12.227	12.227	0.000	98	7585	1.00	0.9762	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	94	26830	1.00	0.9280	
154 4-Chlorotoluene	126	12.327	12.320	0.007	97	6617	1.00	0.8817	
156 tert-Butylbenzene	134	12.534	12.534	0.000	92	4880	1.00	0.8824	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	97	28378	1.00	0.9529	
159 sec-Butylbenzene	105	12.699	12.699	0.000	94	35285	1.00	0.9592	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	98	15242	1.00	1.01	
161 4-Isopropyltoluene	119	12.813	12.813	0.000	97	30049	1.00	0.9340	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	95	499013	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.878	12.871	0.008	94	16616	1.00	1.06	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	96	31511	1.00	0.9742	
168 Benzyl chloride	91	12.949	12.942	0.007	98	19213	1.00	0.8585	
169 1,3-Diethylbenzene	119	13.014	13.014	0.000	96	18272	1.00	0.9661	
170 p-Diethylbenzene	119	13.085	13.085	0.000	95	20132	1.00	1.00	
171 n-Butylbenzene	92	13.106	13.106	0.000	97	16586	1.00	1.03	
172 1,2-Dichlorobenzene	146	13.135	13.128	0.007	96	16089	1.00	1.00	
173 o-diethylbenzene	119	13.157	13.157	0.000	94	16432	1.00	0.9791	
176 1,2-Dibromo-3-Chloropropane	75	13.679	13.671	0.007	79	3499	1.00	0.9763	
177 1,3,5-Trichlorobenzene	180	13.814	13.807	0.007	95	13910	1.00	1.05	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	94	15018	1.00	1.10	
179 2-Ethylhexyl acrylate	55	14.293	14.293	0.000	81	15955	1.00	1.08	
180 Hexachlorobutadiene	225	14.315	14.322	-0.007	96	7218	1.00	1.26	
181 Naphthalene	128	14.415	14.408	0.007	97	60653	1.00	1.16	
182 1,2,3-Trichlorobenzene	180	14.558	14.551	0.007	96	17571	1.00	1.23	
183 2-Methylnaphthalene	142	15.166	15.159	0.007	91	46486	1.00	1.53	
S 235 Total Diethylbenzene	1				0			2.95	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_4ppb_00013

Amount Added: 12.50

Units: mL

MSV_HP20_ISSS_00151

Amount Added: 1.00

Units: uL

Run Reagent

Report Date: 30-Jun-2025 14:25:27

Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Injection Date: 27-Jun-2025 19:12:30

Instrument ID: 9355

Operator ID: kas02648

Lims ID: IC v1

Worklist Smp#: 12

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

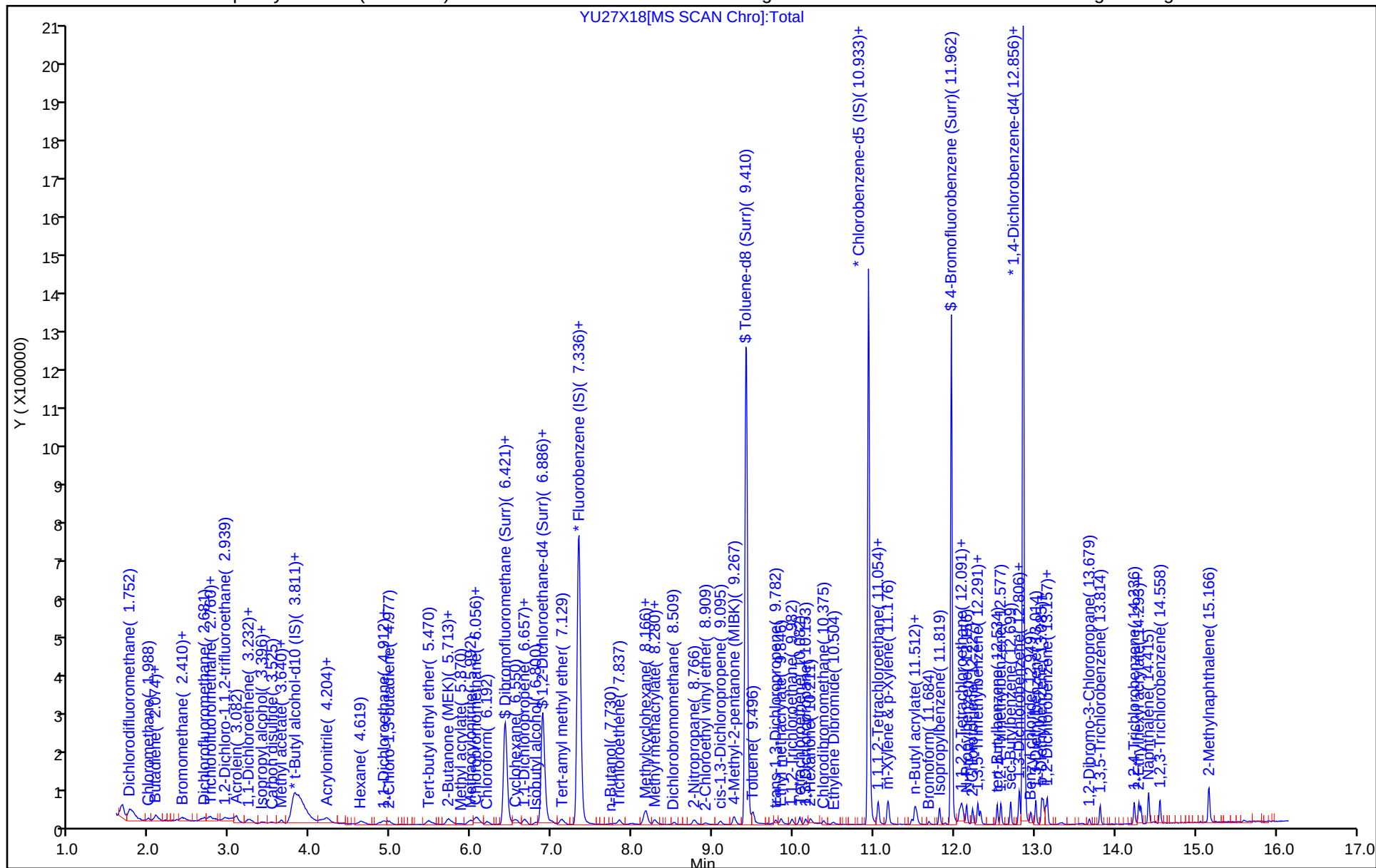
ALS Bottle#: 18

Method: MSVoa_9355

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

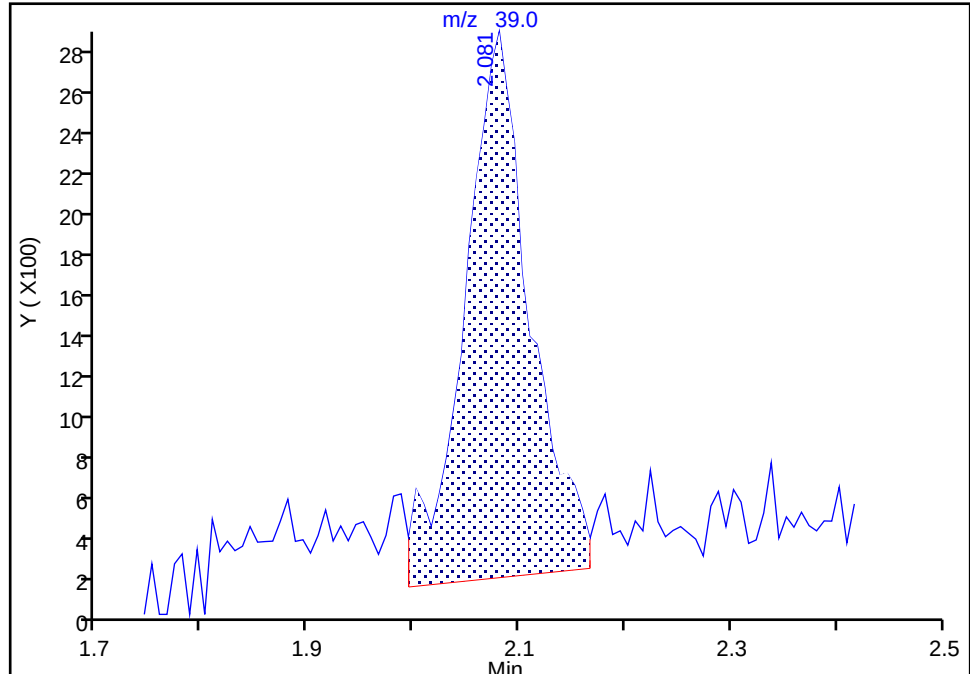
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Injection Date: 27-Jun-2025 19:12:30 Instrument ID: 9355
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 18 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

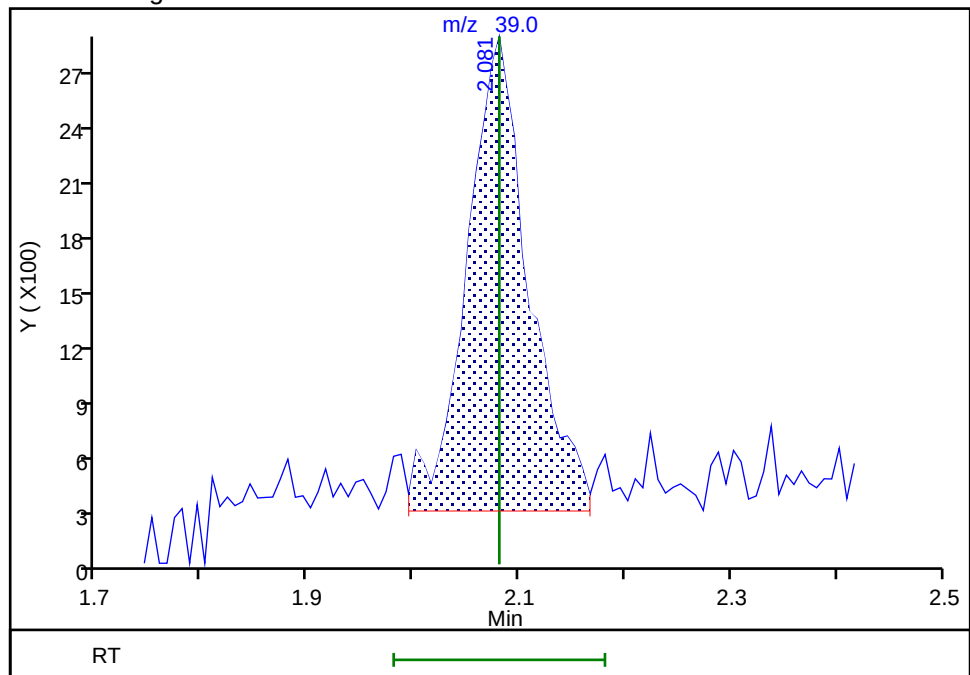
RT: 2.08
Area: 11722
Amount: 1.059846
Amount Units: ug/l

Processing Integration Results



RT: 2.08
Area: 10553
Amount: 0.968778
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 19:45:30 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

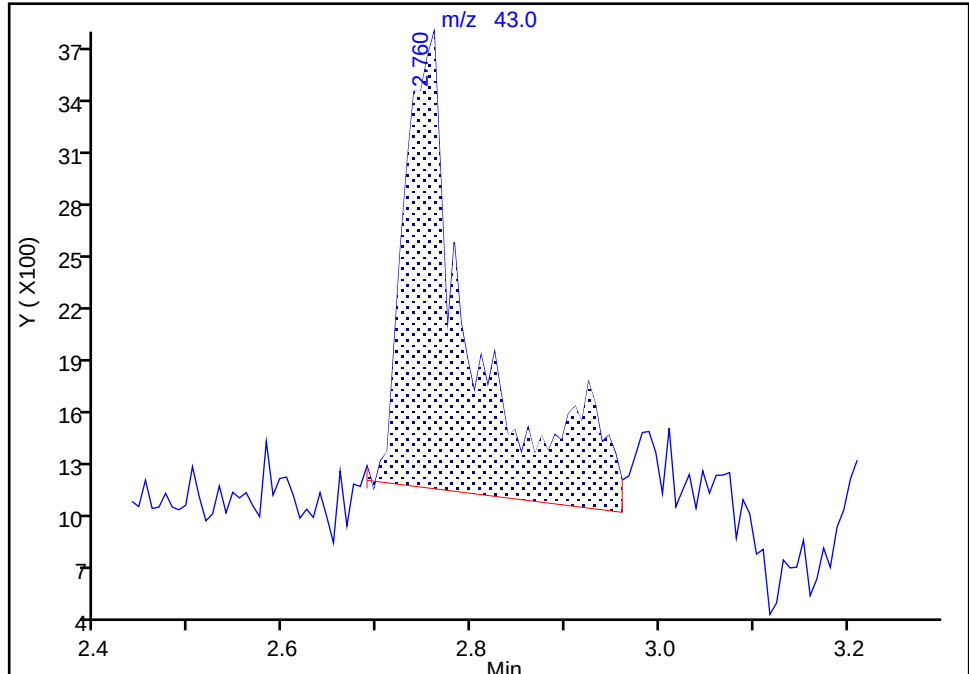
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
Injection Date: 27-Jun-2025 19:12:30 Instrument ID: 9355
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 18 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

13 Pentane, CAS: 109-66-0

Signal: 1

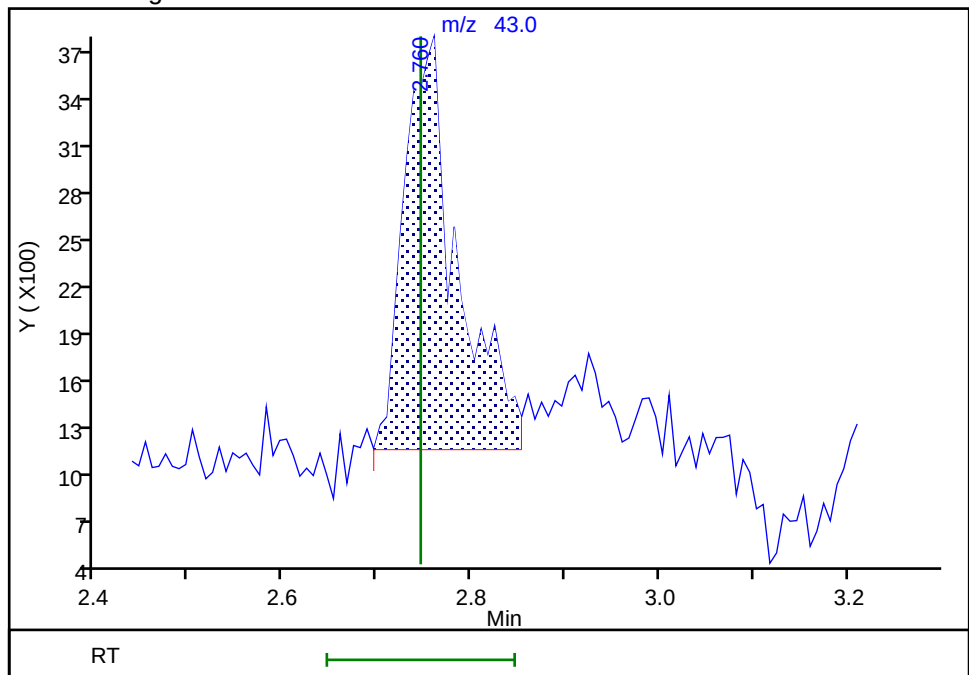
RT: 2.76
Area: 13029
Amount: 1.175143
Amount Units: ug/l

Processing Integration Results



RT: 2.76
Area: 10151
Amount: 0.950823
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 19:46:04 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

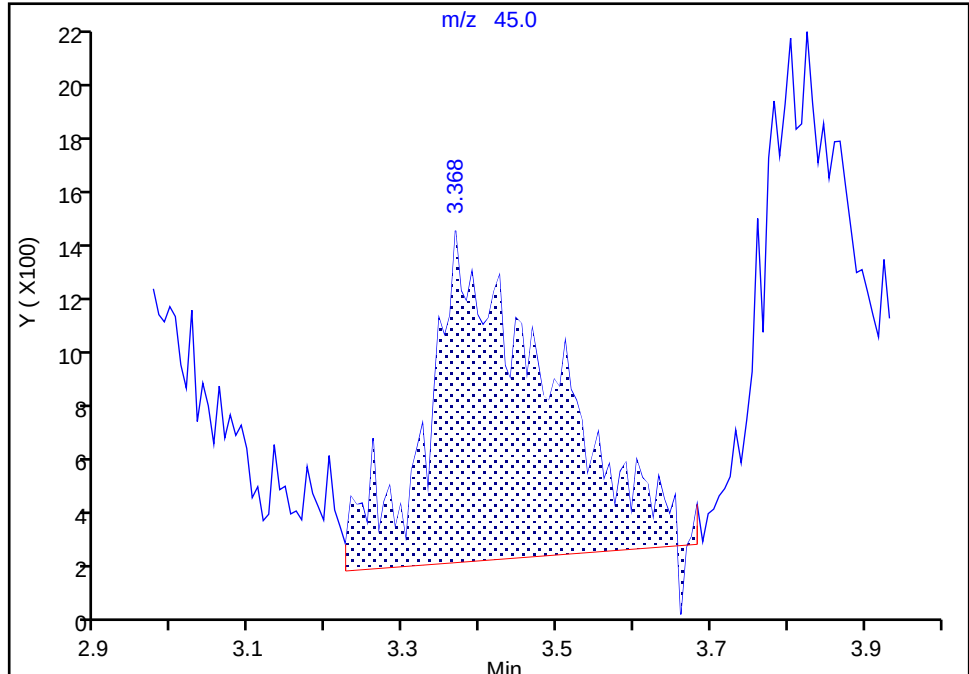
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
Injection Date: 27-Jun-2025 19:12:30 Instrument ID: 9355
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 18 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

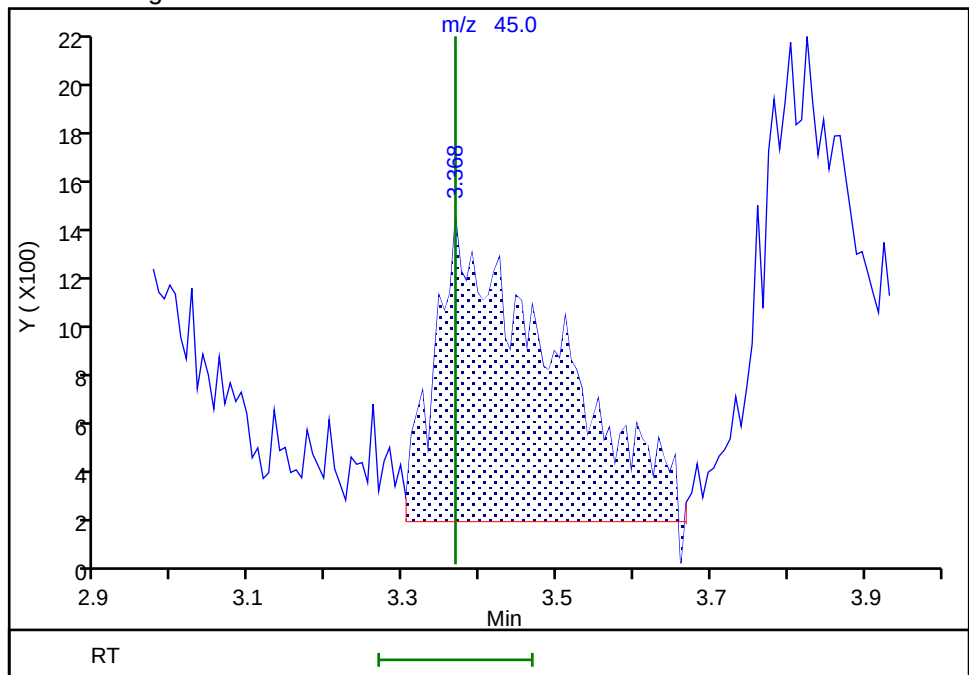
RT: 3.37
Area: 13451
Amount: 6.482882
Amount Units: ug/l

Processing Integration Results



RT: 3.37
Area: 13211
Amount: 6.388323
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 19:46:37 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

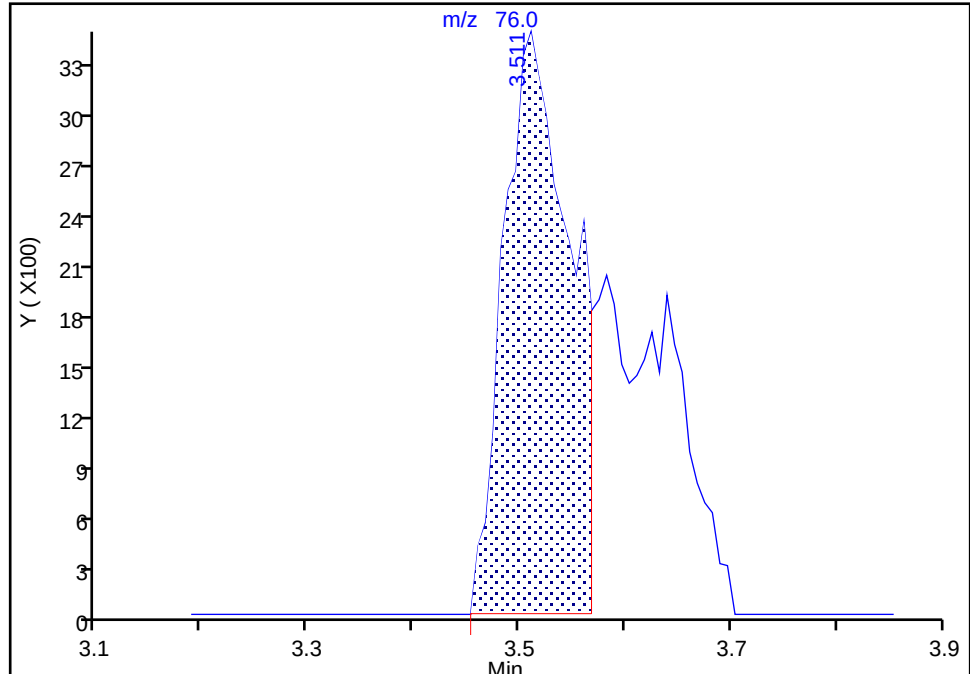
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Injection Date: 27-Jun-2025 19:12:30 Instrument ID: 9355
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 18 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

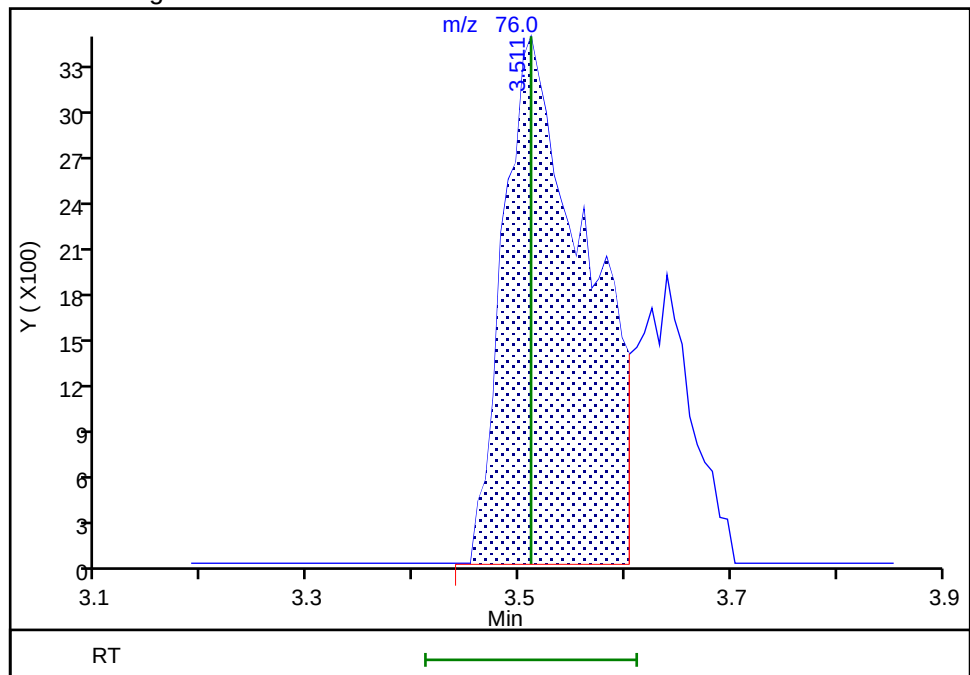
RT: 3.51
Area: 15298
Amount: 0.804086
Amount Units: ug/l

Processing Integration Results



RT: 3.51
Area: 18986
Amount: 0.971042
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 19:52:55 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

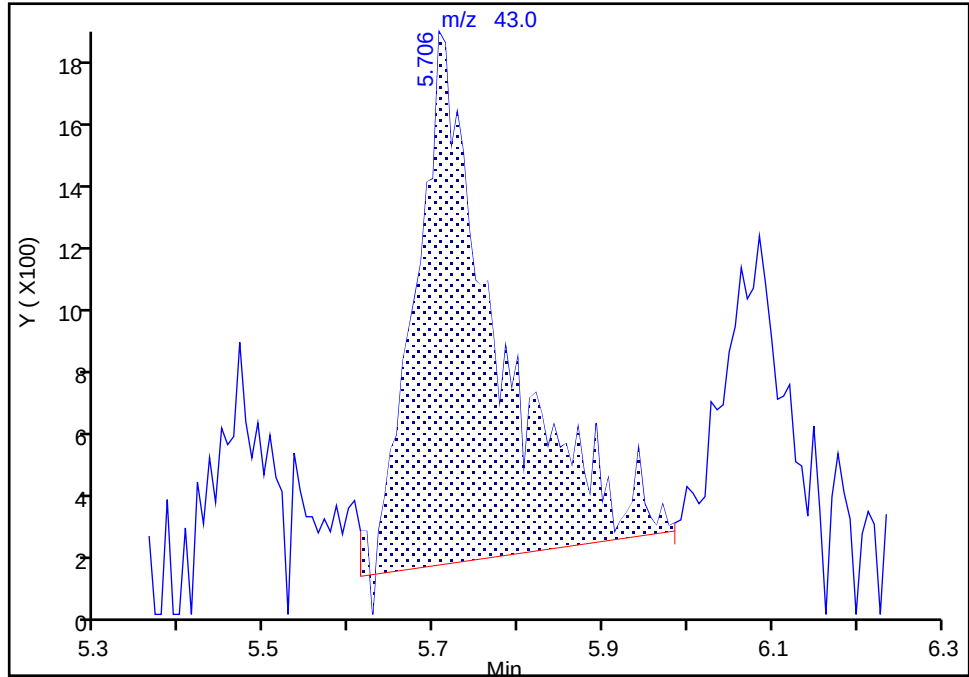
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
Injection Date: 27-Jun-2025 19:12:30 Instrument ID: 9355
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 18 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

42 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

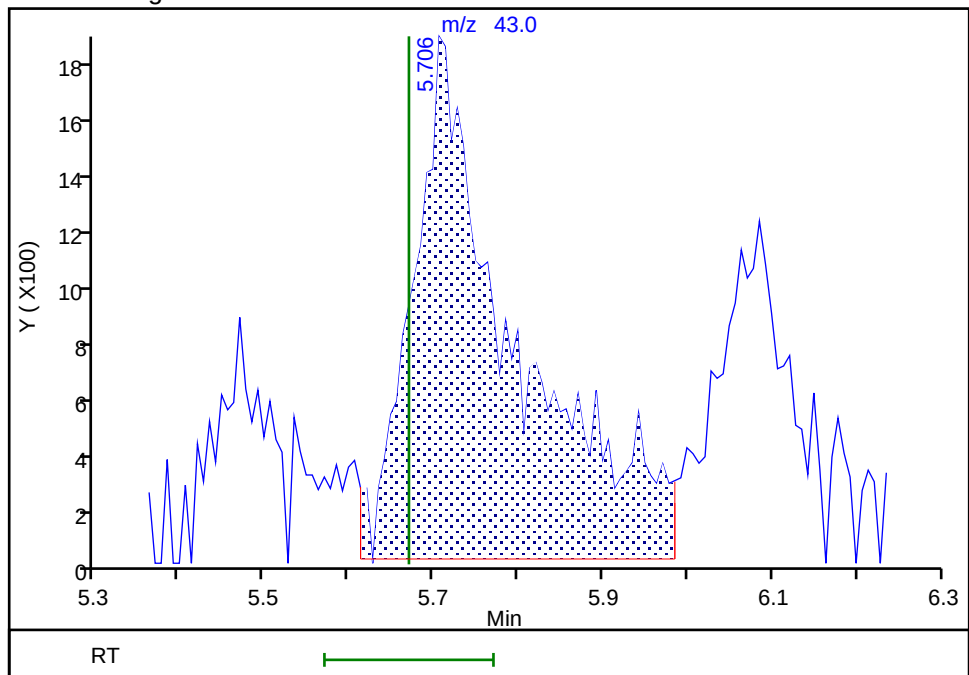
RT: 5.71
Area: 11637
Amount: 2.089816
Amount Units: ug/l

Processing Integration Results



RT: 5.71
Area: 15627
Amount: 2.669715
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 19:47:04 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

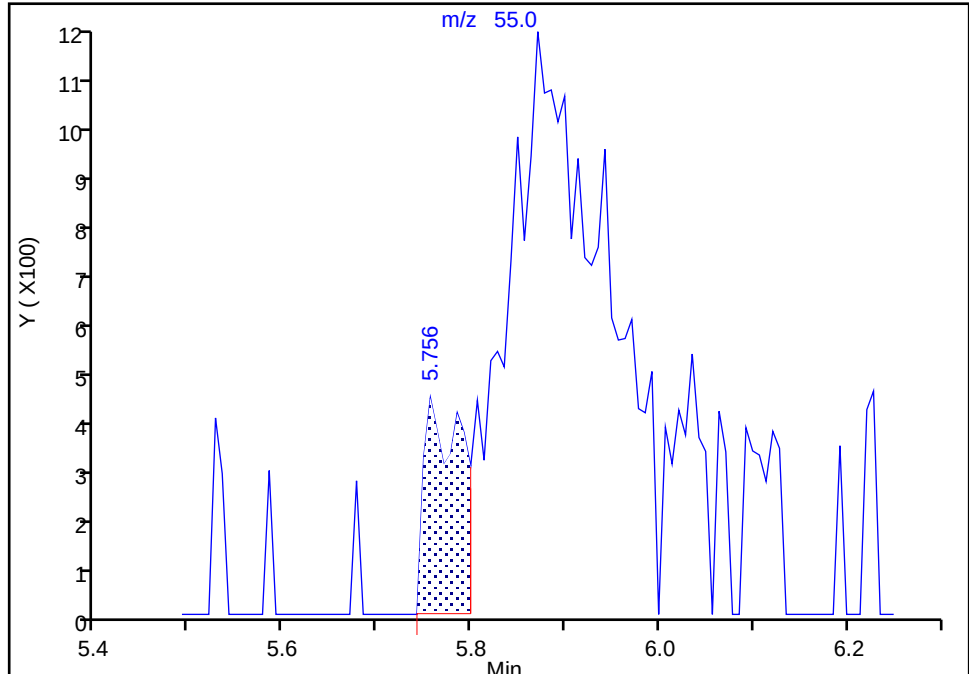
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
Injection Date: 27-Jun-2025 19:12:30 Instrument ID: 9355
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 18 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

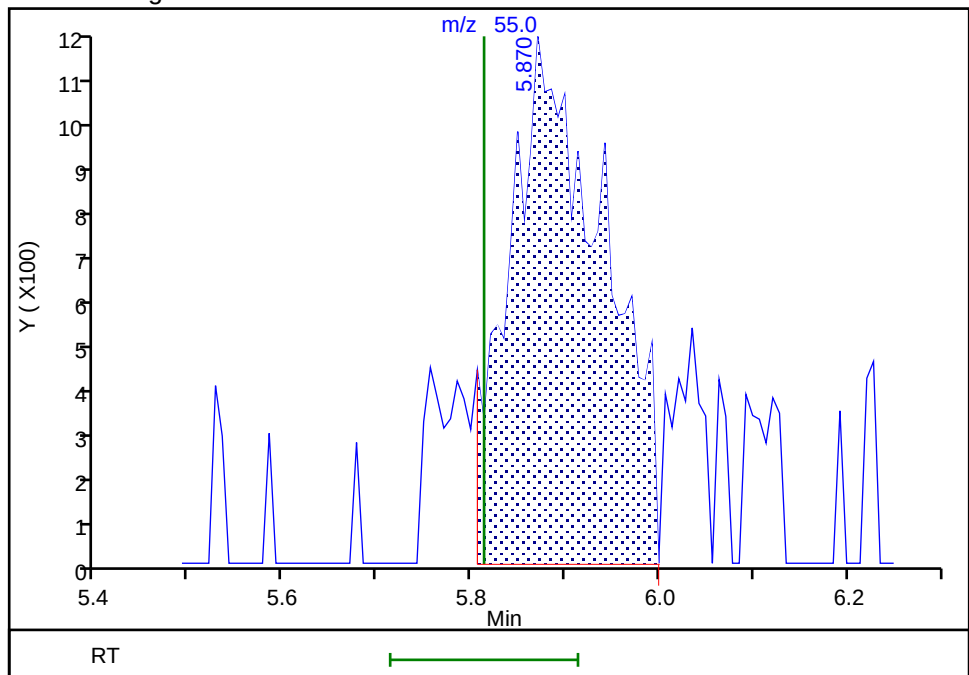
RT: 5.76
Area: 1163
Amount: 0.989891
Amount Units: ug/l

Processing Integration Results



RT: 5.87
Area: 7983
Amount: 0.896961
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 19:47:40 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Assign Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

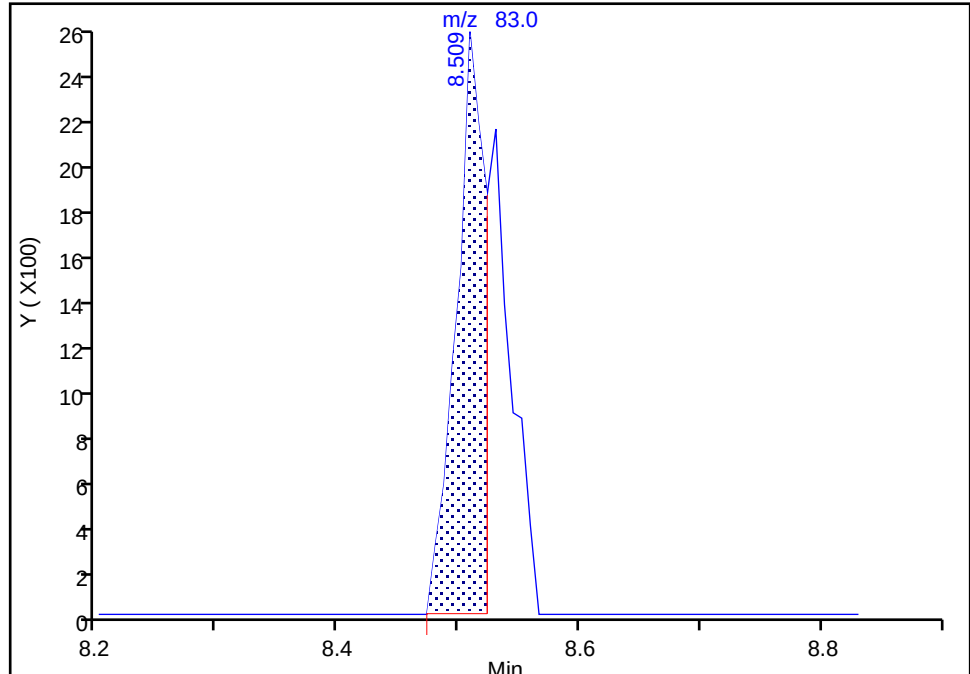
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Injection Date: 27-Jun-2025 19:12:30 Instrument ID: 9355
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 18 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

78 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

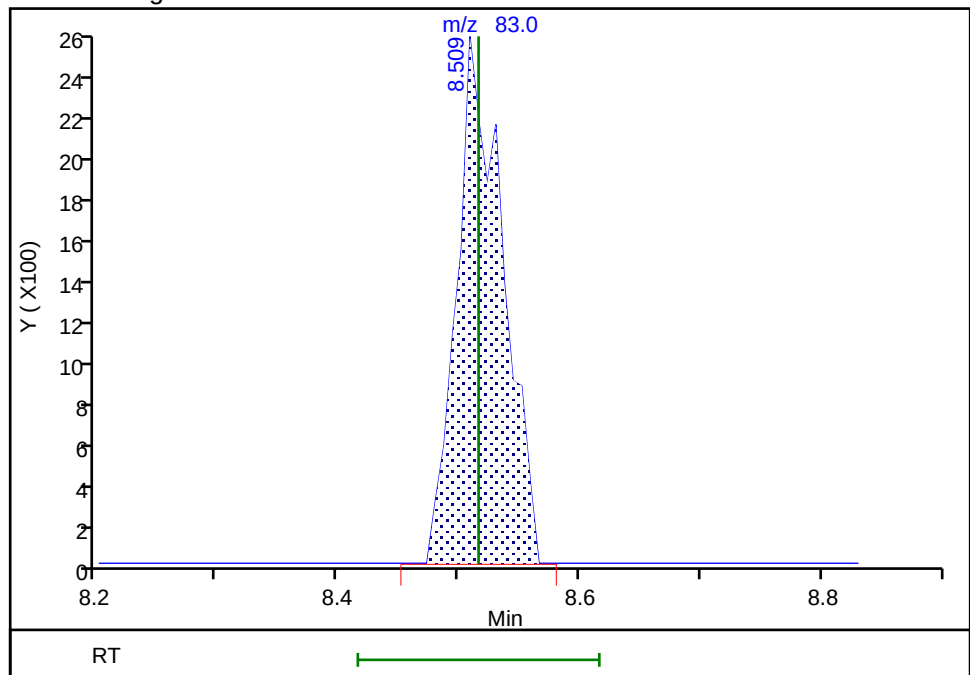
RT: 8.51
Area: 4352
Amount: 0.621727
Amount Units: ug/l

Processing Integration Results



RT: 8.51
Area: 6782
Amount: 0.923097
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 19:47:55 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X17.D
 Lims ID: IC v4
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 27-Jun-2025 18:50:30 ALS Bottle#: 17 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0151826-017
 Misc. Info.: IC V100
 Operator ID: kas02648 Instrument ID: 9355
 Sublist: chrom-MSVoa_9355*sub90
 Method: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\MSVoa_9355.m
 Limit Group: MSV - 8260C_D
 Last Update: 30-Jun-2025 14:25:42 Calib Date: 27-Jun-2025 19:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1644

First Level Reviewer: Y6ZN

Date: 27-Jun-2025 19:34:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.809	1.816	-0.007	97	39555	4.00	3.91	
6 Chloromethane	50	1.988	1.988	0.000	99	49443	4.00	3.90	
8 Butadiene	39	2.081	2.081	0.000	91	45028	4.00	3.98	
7 Vinyl chloride	62	2.095	2.088	0.007	97	45953	4.00	3.92	
10 Bromomethane	94	2.410	2.403	0.007	90	32930	4.00	4.01	
11 Chloroethane	64	2.460	2.445	0.015	96	23298	4.00	3.98	
12 Dichlorofluoromethane	67	2.688	2.681	0.007	97	70284	4.00	3.92	
13 Pentane	43	2.746	2.746	0.000	97	51963	4.00	4.68	
14 Trichlorofluoromethane	101	2.774	2.767	0.007	91	46742	4.00	3.82	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.025	3.017	0.007	91	33216	4.00	3.99	
18 Acrolein	56	3.089	3.082	0.007	98	82835	39.0	37.1	
19 1,1-Dichloroethene	96	3.232	3.218	0.014	97	23133	4.00	4.14	
20 Acetone	58	3.239	3.232	0.007	87	9359	8.00	7.61	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.260	3.261	-0.001	93	29792	4.00	4.10	
22 Isopropyl alcohol	45	3.375	3.368	0.007	32	51282	20.0	24.9	M
23 Iodomethane	142	3.418	3.404	0.014	97	45484	4.00	4.06	
24 Carbon disulfide	76	3.518	3.511	0.007	99	83011	4.00	4.08	
26 Methyl acetate	43	3.625	3.611	0.014	98	29784	4.00	4.02	
27 3-Chloro-1-propene	41	3.647	3.640	0.007	92	35955	4.00	3.73	
29 Methylene Chloride	84	3.818	3.811	0.007	90	26725	4.00	4.09	
* 28 t-Butyl alcohol-d10 (IS)	65	3.804	3.818	-0.014	86	579470	250.0	250.0	
30 2-Methyl-2-propanol	59	3.940	3.926	0.014	98	48229	20.0	20.7	M
31 Acrylonitrile	53	4.111	4.090	0.021	98	40877	10.0	9.72	
32 Methyl tert-butyl ether	73	4.183	4.190	-0.007	96	92282	4.00	4.05	
33 trans-1,2-Dichloroethene	96	4.211	4.204	0.007	98	22698	4.00	4.08	
35 Hexane	57	4.633	4.633	0.000	94	37895	4.00	4.15	
37 1,1-Dichloroethane	63	4.855	4.855	0.000	96	40925	4.00	4.07	
38 Isopropyl ether	45	4.926	4.919	0.007	93	81949	4.00	3.93	
39 2-Chloro-1,3-butadiene	53	4.977	4.969	0.008	90	36557	4.00	4.07	
41 Tert-butyl ethyl ether	59	5.484	5.470	0.014	99	84997	4.00	3.91	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2-Butanone (MEK)	43	5.692	5.670	0.022	98	41712	8.00	6.85	
43 cis-1,2-Dichloroethene	96	5.706	5.699	0.007	83	26023	4.00	3.98	
44 2,2-Dichloropropane	77	5.713	5.727	-0.014	69	40543	4.00	3.99	
45 Propionitrile	54	5.756	5.742	0.014	95	37928	20.0	18.9	
47 Methyl acrylate	55	5.849	5.813	0.036	98	34749	4.00	3.75	
48 Methacrylonitrile	67	5.978	5.963	0.015	91	41298	10.0	9.85	
50 Chlorobromomethane	128	6.056	6.042	0.014	95	12906	4.00	4.00	
51 Tetrahydrofuran	71	6.071	6.063	0.007	93	34378	20.0	19.8	
S 49 1,2-Dichloroethene, Total	100				0			8.06	
53 Chloroform	83	6.199	6.199	0.000	93	40839	4.00	4.06	
\$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	93	281078	50.0	49.8	
55 1,1,1-Trichloroethane	97	6.442	6.435	0.007	95	39884	4.00	4.00	
56 Cyclohexane	56	6.550	6.550	0.000	91	52956	4.00	4.09	
57 1,1-Dichloropropene	75	6.664	6.657	0.007	95	33746	4.00	4.10	
58 Carbon tetrachloride	117	6.664	6.664	0.000	85	32782	4.00	4.00	
59 Isobutyl alcohol	41	6.793	6.800	-0.007	93	41230	50.0	53.2	
\$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.893	6.886	0.007	98	71765	50.0	50.0	
61 Benzene	78	6.921	6.922	-0.001	92	101904	4.00	4.09	
62 1,2-Dichloroethane	62	6.993	6.993	0.000	97	32492	4.00	4.00	
64 Tert-amyl methyl ether	73	7.129	7.122	0.007	99	81918	4.00	3.87	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1188043	50.0	50.0	
66 n-Heptane	43	7.365	7.365	0.000	94	36380	4.00	3.99	
67 n-Butanol	56	7.722	7.701	0.021	84	26915	50.0	46.6	
69 Trichloroethene	95	7.844	7.830	0.014	98	26061	4.00	4.09	
71 Methylcyclohexane	83	8.151	8.151	0.000	92	53405	4.00	4.09	
70 Ethyl acrylate	55	8.151	8.151	0.000	82	57071	4.00	4.16	
72 1,2-Dichloropropane	63	8.166	8.166	0.000	90	26701	4.00	3.97	
73 2-ethoxy-2-methyl butane	87	8.180	8.180	0.000	92	39891	4.00	3.97	
74 Methyl methacrylate	69	8.273	8.251	0.022	90	24049	4.00	3.74	
75 1,4-Dioxane	88	8.266	8.259	0.007	33	8472	50.0	42.7	
76 Dibromomethane	93	8.287	8.280	0.007	95	16874	4.00	3.94	
78 Dichlorobromomethane	83	8.516	8.516	0.000	99	29188	4.00	3.82	
79 2-Nitropropane	41	8.766	8.759	0.007	97	53187	20.0	18.6	
80 2-Chloroethyl vinyl ether	63	8.909	8.888	0.021	94	15330	4.00	3.52	
81 cis-1,3-Dichloropropene	75	9.088	9.081	0.007	96	38380	4.00	3.75	
82 4-Methyl-2-pentanone (MIBK)	43	9.260	9.260	0.000	96	86451	8.00	7.31	
\$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1183338	50.0	50.6	
95 Toluene	92	9.495	9.496	-0.001	98	62969	4.00	4.14	
96 trans-1,3-Dichloropropene	75	9.774	9.767	0.007	92	35257	4.00	3.83	
97 Ethyl methacrylate	69	9.846	9.839	0.007	91	41504	4.00	3.87	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	90	23858	4.00	4.04	
S 112 1,3-Dichloropropene, Total	100				0			7.59	
114 Tetrachloroethene	166	10.082	10.082	0.000	94	25310	4.00	4.05	
115 1,3-Dichloropropane	76	10.153	10.146	0.007	91	37139	4.00	3.84	
117 2-Hexanone	43	10.203	10.196	0.007	97	58907	8.00	7.23	
119 Chlorodibromomethane	129	10.382	10.375	0.007	91	23190	4.00	3.79	
120 Ethylene Dibromide	107	10.497	10.489	0.007	97	24189	4.00	3.88	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	86	867178	50.0	50.0	
122 1-Chlorohexane	91	10.954	10.947	0.007	96	36134	4.00	4.19	
132 Chlorobenzene	112	10.961	10.961	0.000	95	70801	4.00	4.06	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	94	25480	4.00	3.92	
135 Ethylbenzene	91	11.054	11.054	0.000	98	121495	4.00	3.94	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 m-Xylene & p-Xylene	106	11.176	11.176	0.000	99	98637	8.00	8.14	
S 136 Xylenes, Total	106				0			12.1	
138 n-Butyl acrylate	55	11.469	11.462	0.007	96	60195	4.00	4.05	
139 o-Xylene	106	11.512	11.505	0.007	96	50320	4.00	3.97	
140 Styrene	104	11.526	11.526	0.000	93	78976	4.00	3.98	
141 Bromoform	173	11.683	11.684	-0.001	95	15936	4.00	3.55	
142 Isopropylbenzene	105	11.819	11.819	0.000	95	124553	4.00	4.10	
\$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.962	0.000	87	450266	50.0	50.3	
147 1,1,2,2-Tetrachloroethane	83	12.062	12.063	-0.001	95	43498	4.00	3.73	
149 Bromobenzene	156	12.077	12.077	0.000	97	30930	4.00	4.04	
148 trans-1,4-Dichloro-2-butene	53	12.091	12.084	0.007	92	31825	10.0	9.73	
150 1,2,3-Trichloropropane	110	12.105	12.105	0.000	83	13616	4.00	3.93	
151 N-Propylbenzene	91	12.155	12.148	0.007	99	157878	4.00	4.12	
152 2-Chlorotoluene	126	12.227	12.227	0.000	97	31749	4.00	3.94	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	93	121662	4.00	4.05	
154 4-Chlorotoluene	126	12.320	12.320	0.000	98	32421	4.00	4.16	
156 tert-Butylbenzene	134	12.534	12.534	0.000	92	22762	4.00	3.96	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	97	125781	4.00	4.07	
159 sec-Butylbenzene	105	12.699	12.699	0.000	94	156506	4.00	4.10	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	98	63465	4.00	4.04	
161 4-Isopropyltoluene	119	12.813	12.813	0.000	97	136127	4.00	4.07	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	95	518147	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.878	12.871	0.008	95	67035	4.00	4.14	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	98	133466	4.00	3.97	
168 Benzyl chloride	91	12.949	12.942	0.007	98	85018	4.00	3.66	
169 1,3-Diethylbenzene	119	13.013	13.014	-0.001	95	80143	4.00	4.08	
170 p-Diethylbenzene	119	13.085	13.085	0.000	95	86275	4.00	4.13	
171 n-Butylbenzene	92	13.106	13.106	0.000	96	68651	4.00	4.10	
172 1,2-Dichlorobenzene	146	13.135	13.128	0.007	98	68514	4.00	4.08	
173 o-diethylbenzene	119	13.156	13.157	-0.001	95	70028	4.00	4.02	
176 1,2-Dibromo-3-Chloropropane	75	13.678	13.671	0.007	85	14080	4.00	3.78	
177 1,3,5-Trichlorobenzene	180	13.814	13.807	0.007	98	58514	4.00	4.26	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	94	61060	4.00	4.32	
179 2-Ethylhexyl acrylate	55	14.293	14.293	0.000	80	60007	4.00	3.93	
180 Hexachlorobutadiene	225	14.322	14.322	0.000	97	26206	4.00	4.40	
181 Naphthalene	128	14.415	14.408	0.007	97	228901	4.00	4.21	
182 1,2,3-Trichlorobenzene	180	14.558	14.551	0.007	96	61877	4.00	4.18	
183 2-Methylnaphthalene	142	15.166	15.159	0.007	92	140839	4.00	4.47	
S 235 Total Diethylbenzene	1				0			12.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00241	Amount Added: 4.00	Units: uL	
MSV_CCV_VOC#3_00242	Amount Added: 3.20	Units: uL	
MSV_CCV_2CEVE_00233	Amount Added: 4.00	Units: uL	
MSV_CCV_GASES_01062	Amount Added: 2.00	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added: 4.00	Units: uL	
MSV_HP20_ISSS_00151	Amount Added: 1.00	Units: uL	Run Reagent

Chrom Revision: 2.3 14-Jun-2025 12:06:34

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X17.D

Operator ID: kas02648

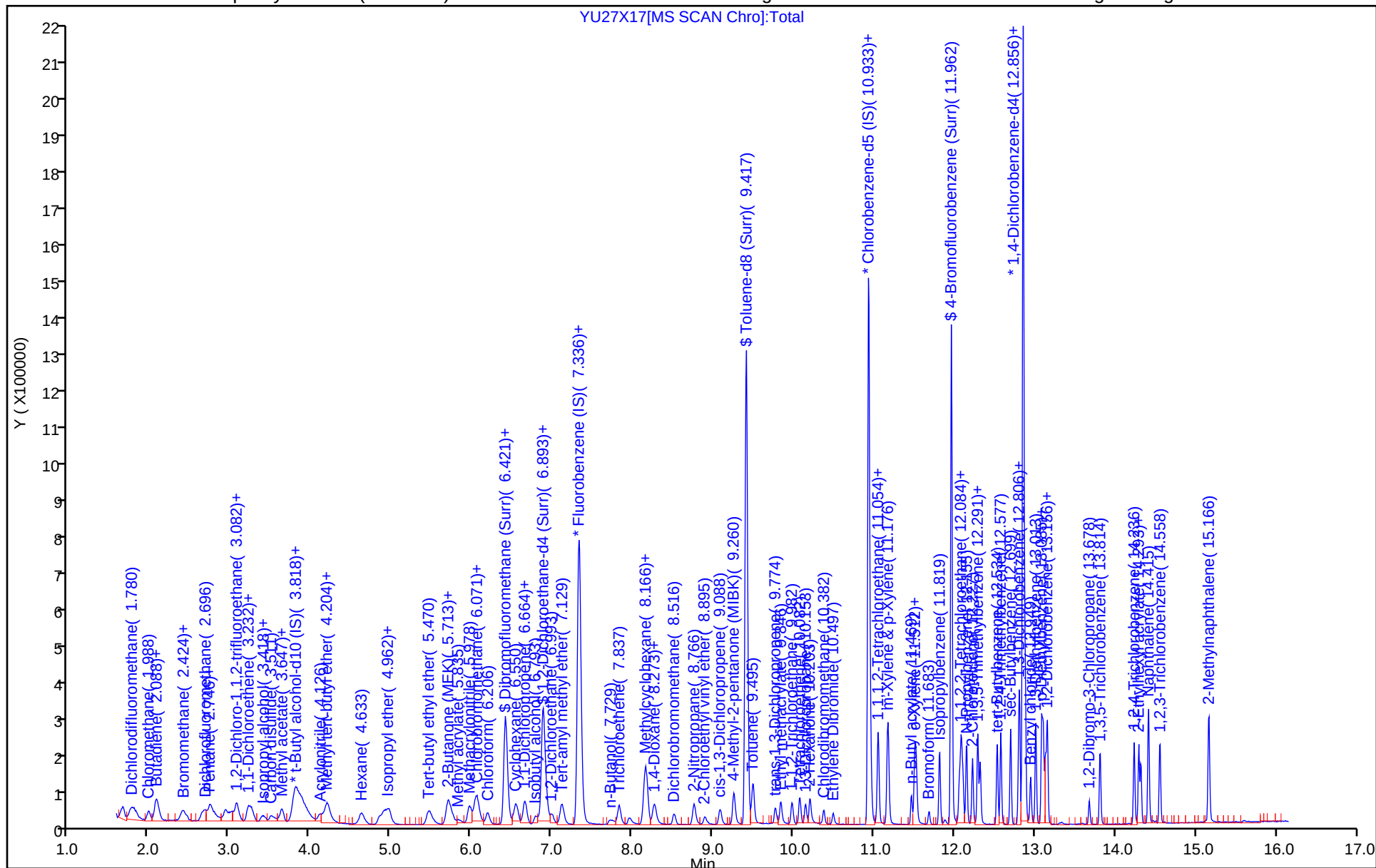
Worklist Smp#: 13

ALS Bottle#: 17

Limit Group: MSV - 8260C D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

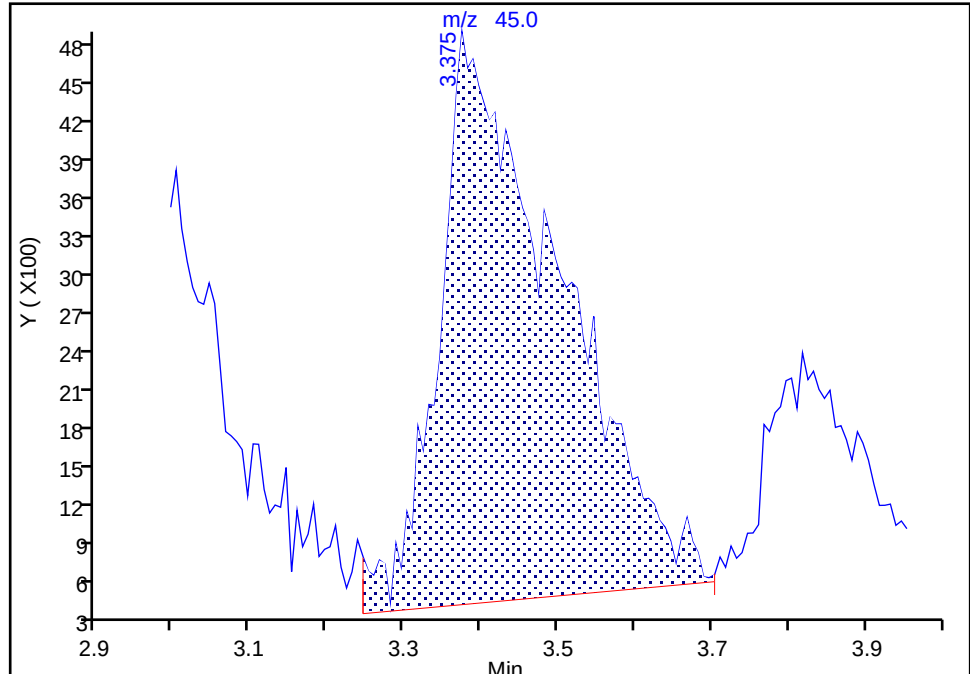
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Injection Date: 27-Jun-2025 18:50:30 Instrument ID: 9355
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 17 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

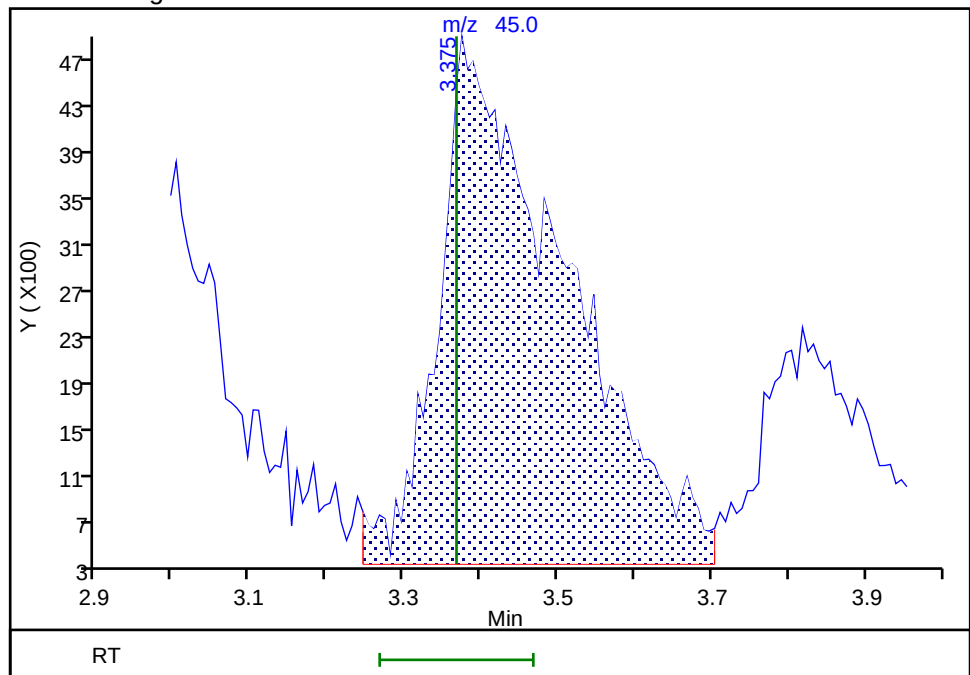
RT: 3.37
Area: 48047
Amount: 24.769699
Amount Units: ug/l

Processing Integration Results



RT: 3.37
Area: 51282
Amount: 24.868367
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 19:24:11 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

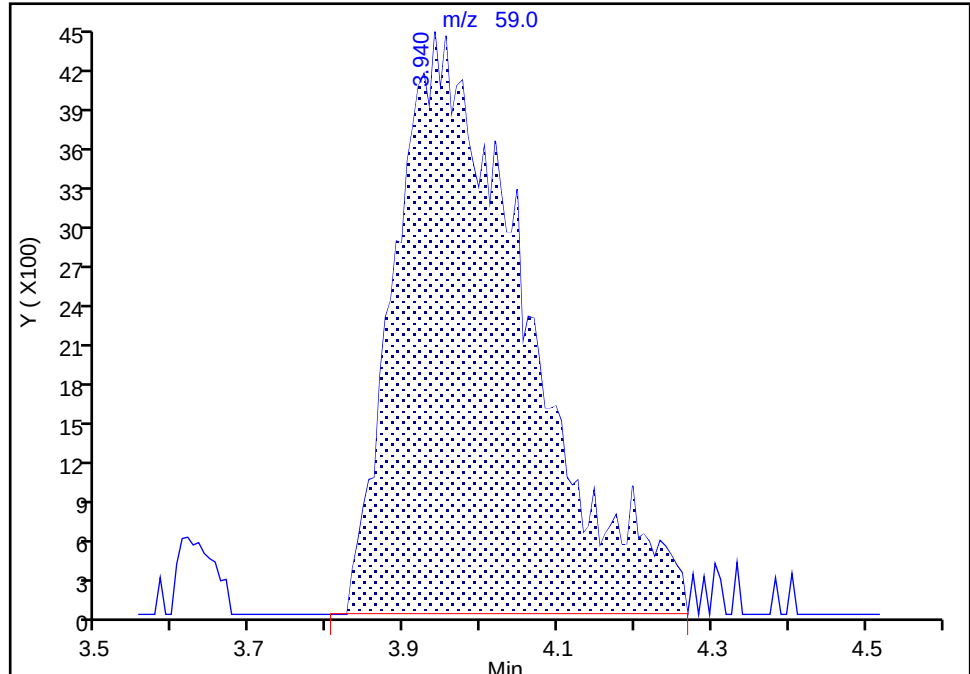
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Injection Date: 27-Jun-2025 18:50:30 Instrument ID: 9355
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 17 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

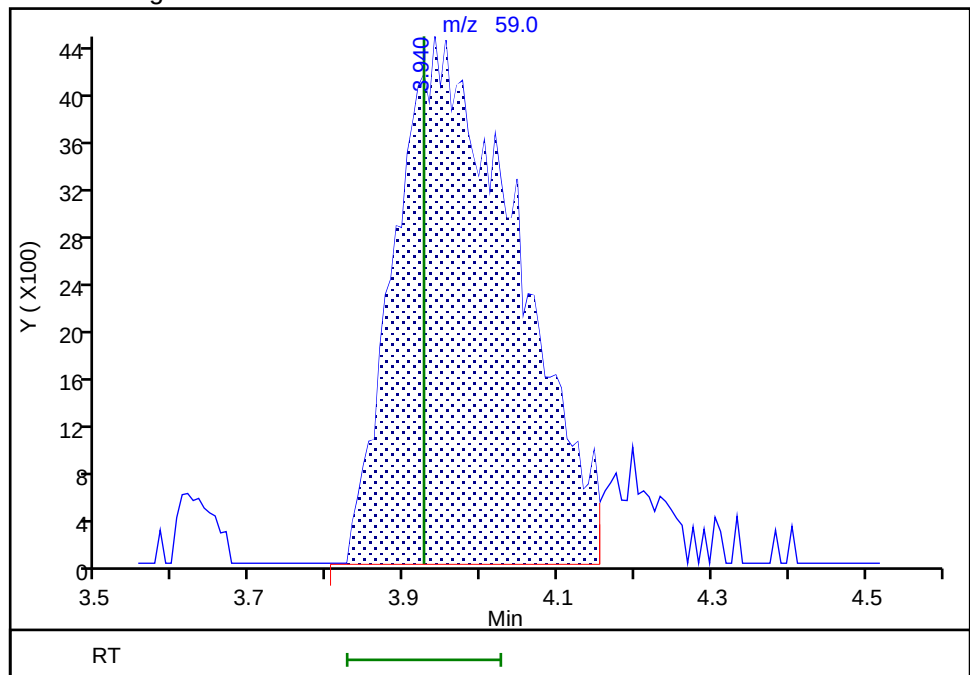
RT: 3.94
Area: 51859
Amount: 22.044457
Amount Units: ug/l

Processing Integration Results



RT: 3.94
Area: 48229
Amount: 20.657724
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 19:24:31 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X16.D
 Lims ID: IC v10
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 27-Jun-2025 18:27:30 ALS Bottle#: 16 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0151826-016
 Misc. Info.: ICIS V50
 Operator ID: kas02648 Instrument ID: 9355
 Sublist: chrom-MSVoa_9355*sub90
 Method: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\MSVoa_9355.m
 Limit Group: MSV - 8260C_D
 Last Update: 30-Jun-2025 14:25:56 Calib Date: 27-Jun-2025 19:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1644

First Level Reviewer: Y6ZN

Date: 27-Jun-2025 19:23:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.816	1.816	0.000	99	107978	10.0	10.8	
6 Chloromethane	50	1.995	1.988	0.007	99	131811	10.0	10.5	
8 Butadiene	39	2.088	2.081	0.007	91	115837	10.0	10.3	
7 Vinyl chloride	62	2.095	2.088	0.007	97	120916	10.0	10.4	
10 Bromomethane	94	2.417	2.403	0.014	90	86958	10.0	10.7	
11 Chloroethane	64	2.460	2.445	0.015	100	61372	10.0	10.6	
12 Dichlorofluoromethane	67	2.681	2.681	0.000	97	182635	10.0	10.3	
13 Pentane	43	2.753	2.746	0.007	98	94172	10.0	8.57	
14 Trichlorofluoromethane	101	2.767	2.767	0.000	68	127491	10.0	10.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.039	3.017	0.022	92	83209	10.0	10.1	
18 Acrolein	56	3.089	3.082	0.007	98	222694	97.6	97.0	
19 1,1-Dichloroethene	96	3.225	3.218	0.007	98	50382	10.0	9.11	
20 Acetone	58	3.239	3.232	0.007	99	25301	20.0	20.0	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.275	3.261	0.014	93	65013	10.0	9.03	
22 Isopropyl alcohol	45	3.382	3.368	0.014	96	89871	50.0	42.4	M
23 Iodomethane	142	3.411	3.404	0.007	99	103002	10.0	9.30	
24 Carbon disulfide	76	3.518	3.511	0.007	99	184957	10.0	9.19	
26 Methyl acetate	43	3.632	3.611	0.021	98	69221	10.0	9.43	
27 3-Chloro-1-propene	41	3.654	3.640	0.014	92	85144	10.0	8.93	
29 Methylene Chloride	84	3.826	3.811	0.015	93	60033	10.0	9.29	
* 28 t-Butyl alcohol-d10 (IS)	65	3.833	3.818	0.015	91	595113	250.0	250.0	
30 2-Methyl-2-propanol	59	3.933	3.926	0.007	99	114634	50.0	47.8	M
31 Acrylonitrile	53	4.119	4.090	0.029	99	103456	25.0	24.9	
32 Methyl tert-butyl ether	73	4.205	4.190	0.014	97	221776	10.0	9.85	
33 trans-1,2-Dichloroethene	96	4.219	4.204	0.015	98	52032	10.0	9.46	
35 Hexane	57	4.626	4.633	-0.007	92	67705	10.0	7.49	
37 1,1-Dichloroethane	63	4.869	4.855	0.014	96	96804	10.0	9.74	
38 Isopropyl ether	45	4.934	4.919	0.015	95	200977	10.0	9.75	
39 2-Chloro-1,3-butadiene	53	4.984	4.969	0.015	90	86026	10.0	9.68	
41 Tert-butyl ethyl ether	59	5.477	5.470	0.007	98	204454	10.0	9.50	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2-Butanone (MEK)	43	5.692	5.670	0.022	100	111226	20.0	18.5	
43 cis-1,2-Dichloroethene	96	5.713	5.699	0.014	82	62751	10.0	9.69	
44 2,2-Dichloropropane	77	5.728	5.727	0.001	80	91090	10.0	9.07	
45 Propionitrile	54	5.749	5.742	0.007	95	98187	50.0	47.7	
47 Methyl acrylate	55	5.842	5.813	0.029	99	76687	10.0	8.37	M
48 Methacrylonitrile	67	5.978	5.963	0.015	92	101925	25.0	24.6	
50 Chlorobromomethane	128	6.056	6.042	0.014	94	31065	10.0	9.72	
51 Tetrahydrofuran	71	6.078	6.063	0.015	92	83387	50.0	46.9	
S 49 1,2-Dichloroethene, Total	100				0			19.2	
53 Chloroform	83	6.207	6.199	0.008	93	95901	10.0	9.64	
\$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	93	280331	50.0	50.2	
55 1,1,1-Trichloroethane	97	6.443	6.435	0.008	98	91948	10.0	9.32	
56 Cyclohexane	56	6.564	6.550	0.014	90	108648	10.0	8.47	
57 1,1-Dichloropropene	75	6.664	6.657	0.007	95	75255	10.0	9.24	
58 Carbon tetrachloride	117	6.671	6.664	0.007	90	73684	10.0	9.09	
59 Isobutyl alcohol	41	6.800	6.800	0.000	94	89893	125.0	113.0	
\$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.893	6.886	0.007	99	71522	50.0	50.4	
61 Benzene	78	6.929	6.922	0.007	96	234761	10.0	9.52	
62 1,2-Dichloroethane	62	7.000	6.993	0.007	97	75303	10.0	9.38	
64 Tert-amyl methyl ether	73	7.122	7.122	0.000	99	197367	10.0	9.41	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1175646	50.0	50.0	
66 n-Heptane	43	7.372	7.365	0.007	94	56727	10.0	6.29	
67 n-Butanol	56	7.722	7.701	0.021	90	68899	125.0	116.3	
69 Trichloroethene	95	7.837	7.830	0.007	98	60836	10.0	9.65	
71 Methylcyclohexane	83	8.159	8.151	0.008	92	101386	10.0	7.85	
70 Ethyl acrylate	55	8.159	8.151	0.008	85	107870	10.0	7.95	
72 1,2-Dichloropropane	63	8.166	8.166	0.000	93	63362	10.0	9.53	
73 2-ethoxy-2-methyl butane	87	8.180	8.180	0.000	94	93052	10.0	9.35	
74 Methyl methacrylate	69	8.259	8.251	0.008	94	60185	10.0	9.46	
75 1,4-Dioxane	88	8.273	8.259	0.014	34	25155	125.0	123.4	
76 Dibromomethane	93	8.280	8.280	0.000	96	40397	10.0	9.54	
78 Dichlorobromomethane	83	8.523	8.516	0.007	99	69577	10.0	9.20	
79 2-Nitropropane	41	8.766	8.759	0.007	98	132380	50.0	45.1	
80 2-Chloroethyl vinyl ether	63	8.895	8.888	0.007	91	42707	10.0	9.91	
81 cis-1,3-Dichloropropene	75	9.088	9.081	0.007	96	93557	10.0	9.24	
82 4-Methyl-2-pentanone (MIBK)	43	9.260	9.260	0.000	97	230382	20.0	19.7	
\$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1180502	50.0	50.8	
95 Toluene	92	9.496	9.496	0.000	98	144248	10.0	9.54	
96 trans-1,3-Dichloropropene	75	9.775	9.767	0.008	93	86995	10.0	9.52	
97 Ethyl methacrylate	69	9.839	9.839	0.000	90	105466	10.0	9.89	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	91	56473	10.0	9.63	
S 112 1,3-Dichloropropene, Total	100				0			18.8	
114 Tetrachloroethene	166	10.082	10.082	0.000	95	56434	10.0	9.09	
115 1,3-Dichloropropane	76	10.154	10.146	0.008	90	93956	10.0	9.76	
117 2-Hexanone	43	10.204	10.196	0.008	97	166157	20.0	20.5	
119 Chlorodibromomethane	129	10.375	10.375	0.000	89	56960	10.0	9.37	
120 Ethylene Dibromide	107	10.490	10.489	0.001	98	60127	10.0	9.70	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	86	862232	50.0	50.0	
122 1-Chlorohexane	91	10.954	10.947	0.007	98	71995	10.0	8.39	
132 Chlorobenzene	112	10.961	10.961	0.000	96	165555	10.0	9.54	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	94	61712	10.0	9.54	
135 Ethylbenzene	91	11.054	11.054	0.000	98	293280	10.0	9.57	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 m-Xylene & p-Xylene	106	11.176	11.176	0.000	99	225953	20.0	18.8	
S 136 Xylenes, Total	106				0			28.5	
138 n-Butyl acrylate	55	11.462	11.462	0.000	96	128486	10.0	8.70	
139 o-Xylene	106	11.512	11.505	0.007	97	122490	10.0	9.73	
140 Styrene	104	11.526	11.526	0.000	95	191707	10.0	9.71	
141 Bromoform	173	11.684	11.684	0.000	96	40761	10.0	9.13	
142 Isopropylbenzene	105	11.820	11.819	0.001	95	277732	10.0	9.19	
\$ 145 4-Bromofluorobenzene (Surr)	95	11.963	11.962	0.000	87	444765	50.0	50.0	
147 1,1,2,2-Tetrachloroethane	83	12.063	12.063	0.000	95	111838	10.0	9.70	
149 Bromobenzene	156	12.077	12.077	0.000	96	71553	10.0	9.45	
148 trans-1,4-Dichloro-2-butene	53	12.084	12.084	0.000	91	76192	25.0	23.5	
150 1,2,3-Trichloropropane	110	12.106	12.105	0.001	81	32781	10.0	9.57	
151 N-Propylbenzene	91	12.148	12.148	0.000	99	342113	10.0	9.02	
152 2-Chlorotoluene	126	12.227	12.227	0.000	97	74251	10.0	9.30	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	93	267724	10.0	9.01	
154 4-Chlorotoluene	126	12.320	12.320	0.000	97	74221	10.0	9.62	
156 tert-Butylbenzene	134	12.535	12.534	0.001	93	48721	10.0	8.57	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	98	282855	10.0	9.24	
159 sec-Butylbenzene	105	12.699	12.699	0.000	94	315250	10.0	8.34	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	98	147520	10.0	9.48	
161 4-Isopropyltoluene	119	12.813	12.813	0.000	97	280167	10.0	8.47	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	96	512780	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.871	12.871	0.001	96	152947	10.0	9.53	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	98	312396	10.0	9.40	
168 Benzyl chloride	91	12.949	12.942	0.007	98	225098	10.0	9.79	
169 1,3-Diethylbenzene	119	13.014	13.014	0.000	96	166709	10.0	8.58	
170 p-Diethylbenzene	119	13.085	13.085	0.000	95	174586	10.0	8.45	
171 n-Butylbenzene	92	13.107	13.106	0.001	98	134677	10.0	8.12	
172 1,2-Dichlorobenzene	146	13.135	13.128	0.007	98	159934	10.0	9.63	
173 o-diethylbenzene	119	13.157	13.157	0.000	94	150738	10.0	8.74	
176 1,2-Dibromo-3-Chloropropane	75	13.679	13.671	0.008	85	35903	10.0	9.75	
177 1,3,5-Trichlorobenzene	180	13.814	13.807	0.007	98	118280	10.0	8.71	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	94	131264	10.0	9.37	
179 2-Ethylhexyl acrylate	55	14.293	14.293	0.000	81	121464	10.0	8.03	
180 Hexachlorobutadiene	225	14.322	14.322	0.000	98	46009	10.0	7.81	
181 Naphthalene	128	14.415	14.408	0.007	97	537060	10.0	9.98	
182 1,2,3-Trichlorobenzene	180	14.558	14.551	0.007	97	138097	10.0	9.43	
183 2-Methylnaphthalene	142	15.159	15.159	0.000	92	314095	10.0	10.1	
S 235 Total Diethylbenzene	1				0			25.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00241	Amount Added: 2.00	Units: uL	
MSV_CCV_VOC#3_00242	Amount Added: 1.60	Units: uL	
MSV_CCV_2CEVE_00233	Amount Added: 2.00	Units: uL	
MSV_CCV_GASES_01062	Amount Added: 1.00	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added: 2.00	Units: uL	
MSV_HP20_ISSS_00151	Amount Added: 1.00	Units: uL	Run Reagent

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X16.D

Injection Date: 27-Jun-2025 18:27:30

Instrument ID: 9355

Operator ID: kas02648

Lims ID: IC v10

Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

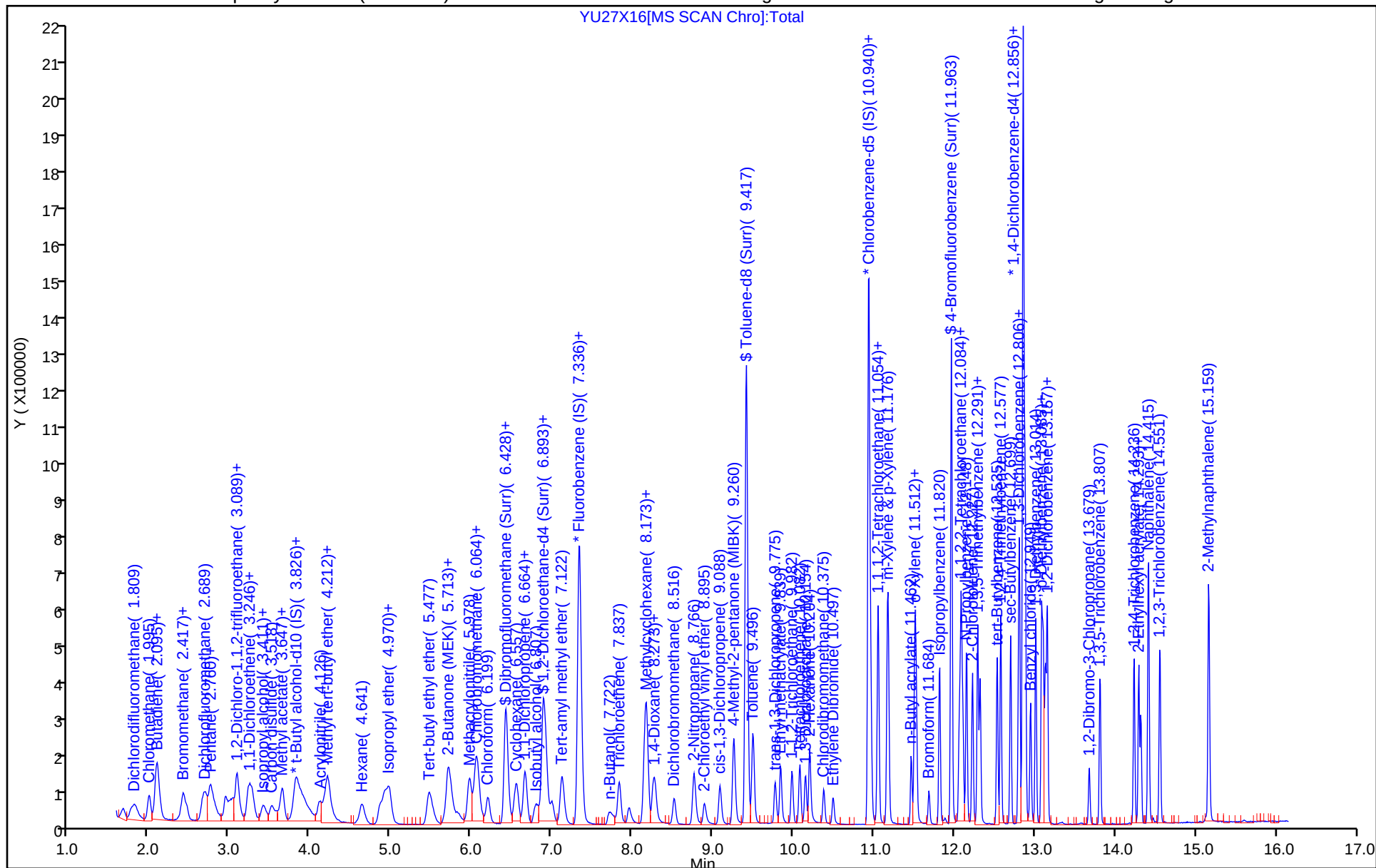
ALS Bottle#: 16

Method: MSVoa_9355

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

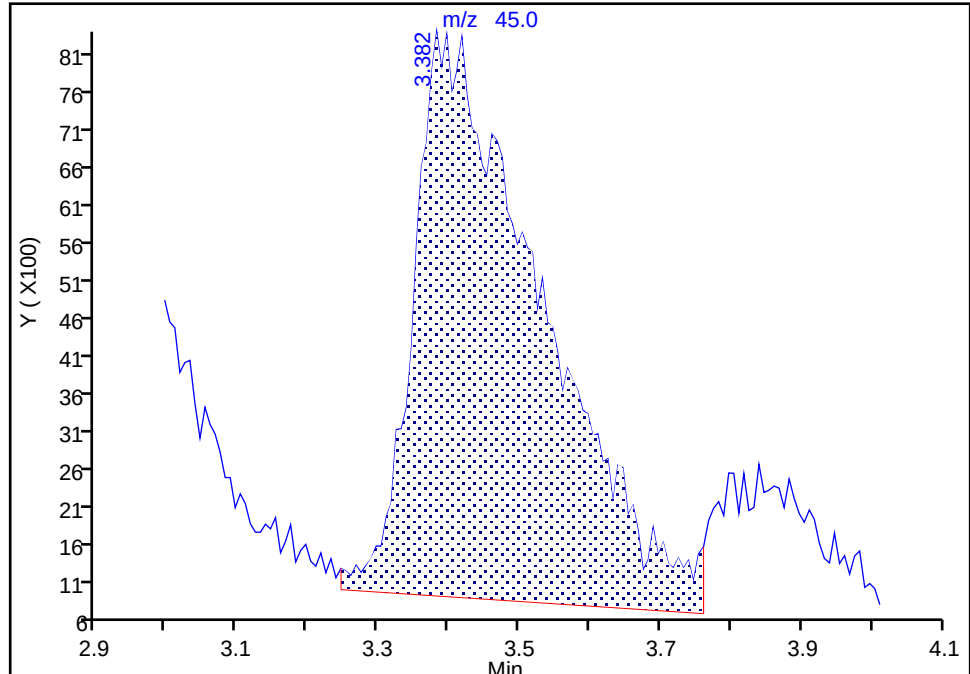
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Injection Date: 27-Jun-2025 18:27:30 Instrument ID: 9355
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 16 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

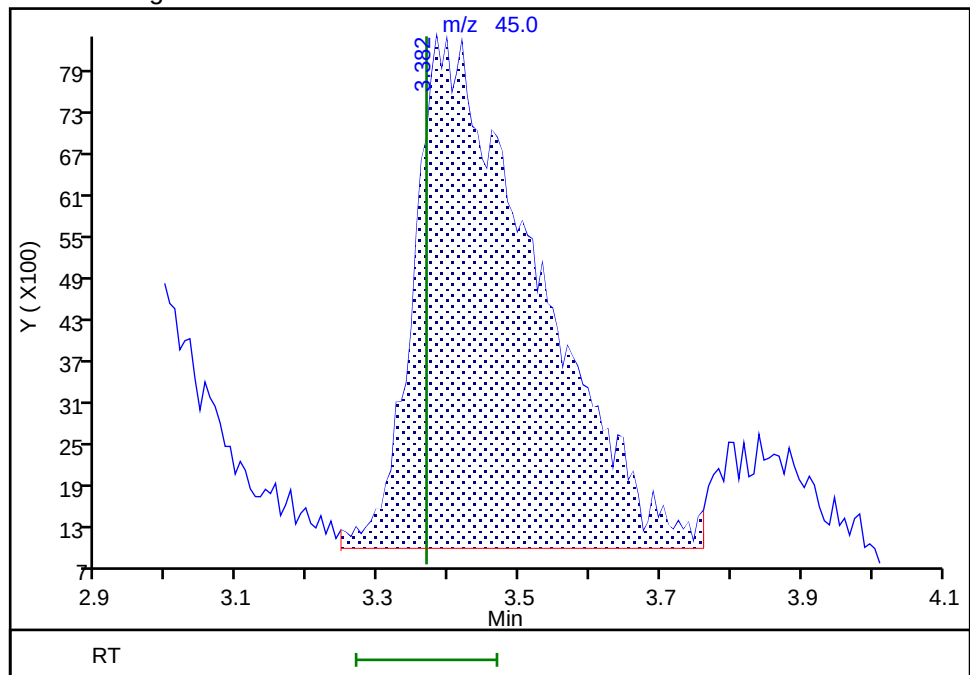
RT: 3.38
Area: 94913
Amount: 47.245786
Amount Units: ug/l

Processing Integration Results



RT: 3.38
Area: 89871
Amount: 42.435899
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 19:22:35 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

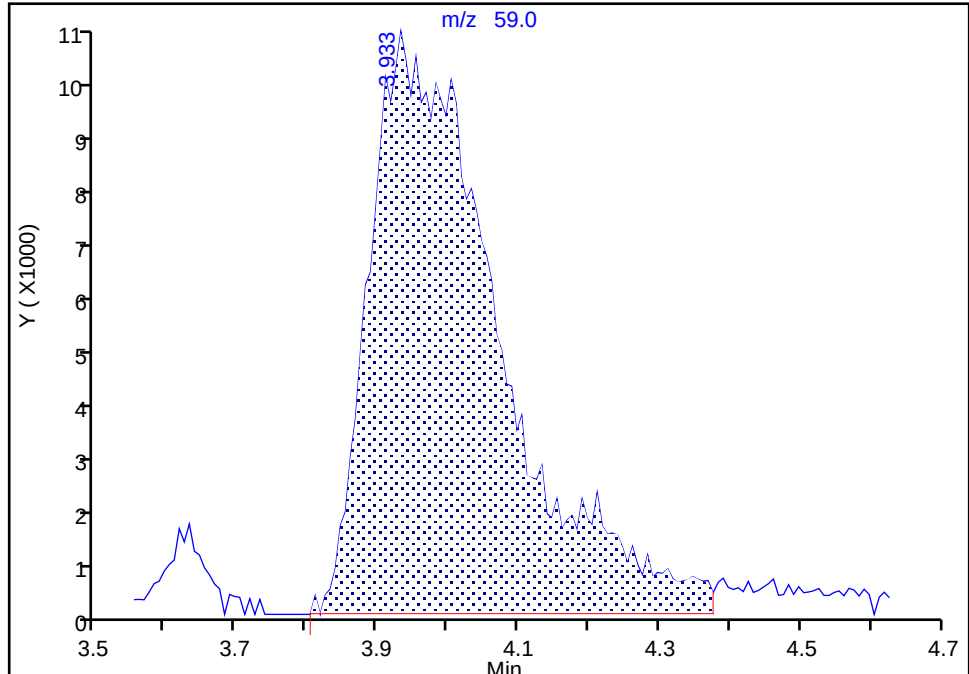
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Injection Date: 27-Jun-2025 18:27:30 Instrument ID: 9355
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 16 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

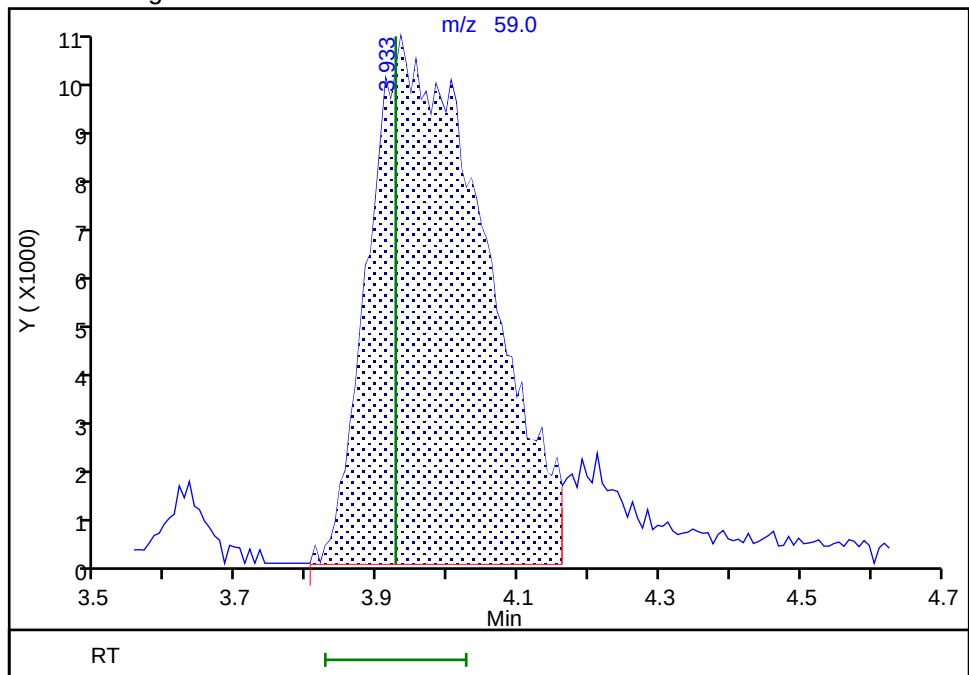
RT: 3.93
Area: 128161
Amount: 52.075332
Amount Units: ug/l

Processing Integration Results



RT: 3.93
Area: 114634
Amount: 47.810048
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 19:22:57 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

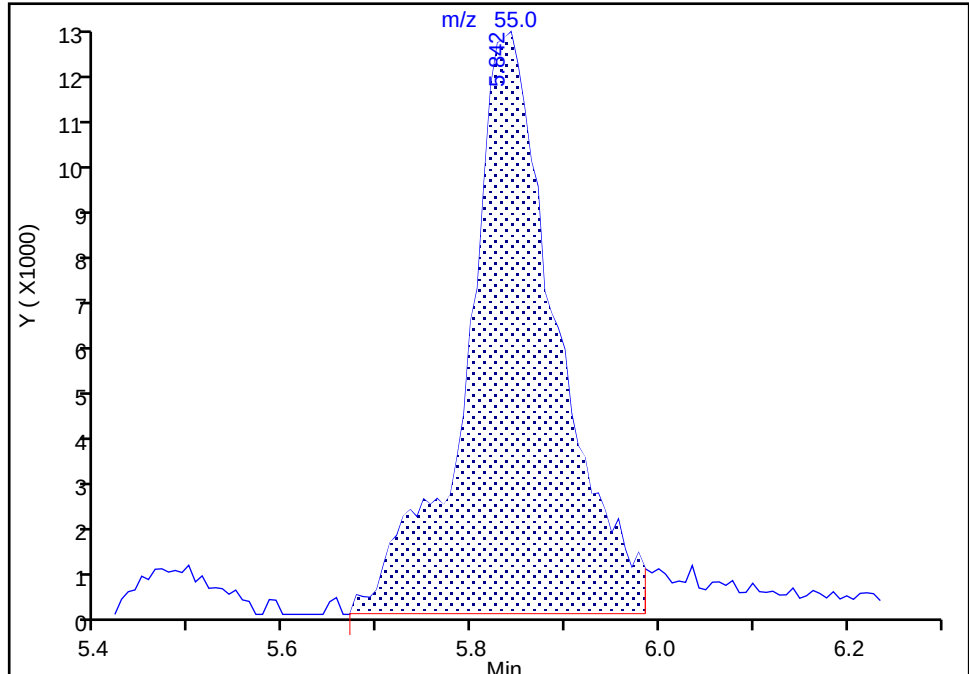
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Injection Date: 27-Jun-2025 18:27:30 Instrument ID: 9355
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 16 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

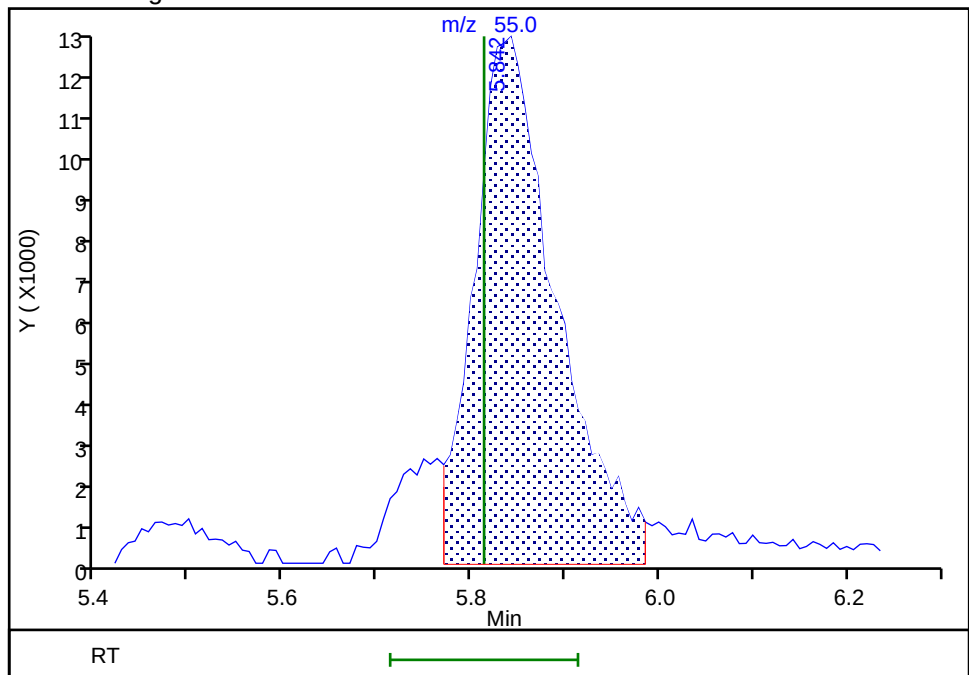
RT: 5.84
Area: 85206
Amount: 9.009462
Amount Units: ug/l

Processing Integration Results



RT: 5.84
Area: 76687
Amount: 8.373854
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 19:23:07 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X15.D
 Lims ID: IC v20
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 27-Jun-2025 18:05:30 ALS Bottle#: 15 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0151826-015
 Misc. Info.: IC V20
 Operator ID: kas02648 Instrument ID: 9355
 Sublist: chrom-MSVoa_9355*sub90
 Method: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\MSVoa_9355.m
 Limit Group: MSV - 8260C_D
 Last Update: 30-Jun-2025 14:26:11 Calib Date: 27-Jun-2025 19:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1644

First Level Reviewer: Y6ZN

Date: 27-Jun-2025 18:48:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.823	1.823	0.000	99	165778	20.0	16.3	
6 Chloromethane	50	1.995	1.995	0.000	99	242542	20.0	19.0	
8 Butadiene	39	2.088	2.088	0.000	92	191299	20.0	16.8	
7 Vinyl chloride	62	2.102	2.102	0.000	98	216400	20.0	18.3	
10 Bromomethane	94	2.410	2.410	0.000	91	158288	20.0	19.1	
11 Chloroethane	64	2.452	2.452	0.000	100	109751	20.0	18.6	
12 Dichlorofluoromethane	67	2.681	2.681	0.000	97	333166	20.0	18.4	
13 Pentane	43	2.760	2.760	0.000	98	222482	20.0	19.9	
14 Trichlorofluoromethane	101	2.767	2.767	0.000	94	210823	20.0	17.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.017	3.017	0.000	95	146676	20.0	17.5	
18 Acrolein	56	3.089	3.089	0.000	99	441882	195.2	192.4	
19 1,1-Dichloroethene	96	3.225	3.225	0.000	98	114181	20.0	20.3	
20 Acetone	58	3.239	3.239	0.000	78	51835	40.0	41.0	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.275	3.275	0.000	93	152786	20.0	20.9	
22 Isopropyl alcohol	45	3.389	3.389	0.000	96	213177	100.0	100.6	
23 Iodomethane	142	3.418	3.418	0.000	98	238480	20.0	21.2	
24 Carbon disulfide	76	3.518	3.518	0.000	99	419661	20.0	20.5	
26 Methyl acetate	43	3.625	3.625	0.000	98	153017	20.0	20.5	
27 3-Chloro-1-propene	41	3.654	3.654	0.000	90	189369	20.0	19.5	
29 Methylene Chloride	84	3.818	3.818	0.000	95	138400	20.0	21.0	
* 28 t-Butyl alcohol-d10 (IS)	65	3.840	3.840	0.000	95	595430	250.0	250.0	
30 2-Methyl-2-propanol	59	3.947	3.947	0.000	99	250136	100.0	104.3	M
31 Acrylonitrile	53	4.104	4.104	0.000	99	227651	50.0	53.7	
32 Methyl tert-butyl ether	73	4.197	4.197	0.000	94	481221	20.0	21.0	
33 trans-1,2-Dichloroethene	96	4.219	4.219	0.000	98	117529	20.0	21.0	
35 Hexane	57	4.648	4.648	0.000	92	195944	20.0	21.3	
37 1,1-Dichloroethane	63	4.862	4.862	0.000	96	218052	20.0	21.6	
38 Isopropyl ether	45	4.926	4.926	0.000	93	434210	20.0	20.7	
39 2-Chloro-1,3-butadiene	53	4.984	4.984	0.000	90	194085	20.0	21.5	
41 Tert-butyl ethyl ether	59	5.477	5.477	0.000	98	454192	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2-Butanone (MEK)	43	5.684	5.684	0.000	99	226883	40.0	37.0	
43 cis-1,2-Dichloroethene	96	5.713	5.713	0.000	83	140367	20.0	21.3	
44 2,2-Dichloropropane	77	5.727	5.727	0.000	89	210109	20.0	20.6	
45 Propionitrile	54	5.756	5.756	0.000	96	211365	100.0	102.7	
47 Methyl acrylate	55	5.827	5.827	0.000	100	203416	20.0	21.8	M
48 Methacrylonitrile	67	5.970	5.970	0.000	92	223863	50.0	53.0	
50 Chlorobromomethane	128	6.056	6.056	0.000	96	70401	20.0	21.6	
51 Tetrahydrofuran	71	6.071	6.071	0.000	93	188573	100.0	105.9	
S 49 1,2-Dichloroethene, Total	100				0			42.3	
53 Chloroform	83	6.206	6.206	0.000	93	217605	20.0	21.5	
\$ 54 Dibromofluoromethane (Surr)	113	6.428	6.428	0.000	93	289609	50.0	50.9	
55 1,1,1-Trichloroethane	97	6.449	6.449	0.000	98	210808	20.0	21.0	
56 Cyclohexane	56	6.564	6.564	0.000	90	272073	20.0	20.8	
57 1,1-Dichloropropene	75	6.664	6.664	0.000	97	178262	20.0	21.5	
58 Carbon tetrachloride	117	6.664	6.664	0.000	95	174592	20.0	21.2	
59 Isobutyl alcohol	41	6.807	6.807	0.000	95	193151	250.0	242.7	
\$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.893	6.893	0.000	99	71275	50.0	49.3	
61 Benzene	78	6.929	6.929	0.000	97	530076	20.0	21.1	
62 1,2-Dichloroethane	62	7.000	7.000	0.000	97	172769	20.0	21.1	
64 Tert-amyl methyl ether	73	7.122	7.122	0.000	98	439516	20.0	20.6	
* 65 Fluorobenzene (IS)	96	7.343	7.343	0.000	99	1196550	50.0	50.0	
66 n-Heptane	43	7.372	7.372	0.000	93	189951	20.0	20.7	
67 n-Butanol	56	7.722	7.722	0.000	88	149568	250.0	252.2	
69 Trichloroethene	95	7.837	7.837	0.000	99	135877	20.0	21.2	
71 Methylcyclohexane	83	8.151	8.151	0.000	92	273263	20.0	20.8	
70 Ethyl acrylate	55	8.158	8.158	0.000	81	277278	20.0	20.1	
72 1,2-Dichloropropane	63	8.166	8.166	0.000	95	143000	20.0	21.1	
73 2-ethoxy-2-methyl butane	87	8.180	8.180	0.000	93	212664	20.0	21.0	
74 Methyl methacrylate	69	8.258	8.258	0.000	92	138388	20.0	21.4	
75 1,4-Dioxane	88	8.251	8.251	0.000	31	54021	250.0	264.9	M
76 Dibromomethane	93	8.280	8.280	0.000	96	89961	20.0	20.9	
78 Dichlorobromomethane	83	8.523	8.523	0.000	99	161764	20.0	21.0	
79 2-Nitropropane	41	8.766	8.766	0.000	98	302069	100.0	102.8	
80 2-Chloroethyl vinyl ether	63	8.895	8.895	0.000	91	92332	20.0	21.1	
81 cis-1,3-Dichloropropene	75	9.088	9.088	0.000	96	220320	20.0	21.4	
82 4-Methyl-2-pentanone (MIBK)	43	9.260	9.260	0.000	96	471975	40.0	39.6	
\$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1218160	50.0	50.8	
95 Toluene	92	9.495	9.495	0.000	98	330946	20.0	21.2	
96 trans-1,3-Dichloropropene	75	9.774	9.774	0.000	93	194787	20.0	20.7	
97 Ethyl methacrylate	69	9.839	9.839	0.000	90	238172	20.0	21.7	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	90	126096	20.0	20.9	
S 112 1,3-Dichloropropene, Total	100				0			42.1	
114 Tetrachloroethene	166	10.082	10.082	0.000	95	133732	20.0	20.9	
115 1,3-Dichloropropane	76	10.153	10.153	0.000	90	210563	20.0	21.2	
117 2-Hexanone	43	10.203	10.203	0.000	97	321408	40.0	38.5	
119 Chlorodibromomethane	129	10.375	10.375	0.000	90	129905	20.0	20.7	
120 Ethylene Dibromide	107	10.489	10.489	0.000	98	136048	20.0	21.3	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	86	888905	50.0	50.0	
122 1-Chlorohexane	91	10.947	10.947	0.000	98	184655	20.0	20.9	
132 Chlorobenzene	112	10.961	10.961	0.000	95	377952	20.0	21.1	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	96	142462	20.0	21.4	
135 Ethylbenzene	91	11.054	11.054	0.000	98	681210	20.0	21.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 m-Xylene & p-Xylene	106	11.176	11.176	0.000	99	535237	40.0	43.1	
S 136 Xylenes, Total	106				0			64.7	
138 n-Butyl acrylate	55	11.462	11.462	0.000	97	326287	20.0	21.4	
139 o-Xylene	106	11.512	11.512	0.000	97	280231	20.0	21.6	
140 Styrene	104	11.526	11.526	0.000	95	436947	20.0	21.5	
141 Bromoform	173	11.683	11.683	0.000	96	98225	20.0	21.4	
142 Isopropylbenzene	105	11.819	11.819	0.000	95	682494	20.0	21.9	
\$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.962	0.000	88	459528	50.0	50.1	
147 1,1,2,2-Tetrachloroethane	83	12.062	12.062	0.000	94	254153	20.0	21.5	
149 Bromobenzene	156	12.077	12.077	0.000	96	166345	20.0	21.5	
148 trans-1,4-Dichloro-2-butene	53	12.084	12.084	0.000	91	174508	50.0	52.7	
150 1,2,3-Trichloropropane	110	12.105	12.105	0.000	82	76934	20.0	21.9	
151 N-Propylbenzene	91	12.148	12.148	0.000	99	859933	20.0	22.2	
152 2-Chlorotoluene	126	12.227	12.227	0.000	97	176639	20.0	21.6	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	93	668598	20.0	22.0	
154 4-Chlorotoluene	126	12.320	12.320	0.000	97	169873	20.0	21.5	
156 tert-Butylbenzene	134	12.534	12.534	0.000	93	125492	20.0	21.6	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	97	684197	20.0	21.8	
159 sec-Butylbenzene	105	12.699	12.699	0.000	94	862774	20.0	22.3	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	98	341421	20.0	21.4	
161 4-Isopropyltoluene	119	12.813	12.813	0.000	97	748199	20.0	22.1	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	94	524938	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.870	12.870	0.000	95	342955	20.0	20.9	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	98	735298	20.0	21.6	
168 Benzyl chloride	91	12.949	12.949	0.000	98	512814	20.0	21.8	
169 1,3-Diethylbenzene	119	13.013	13.013	0.000	95	435631	20.0	21.9	
170 p-Diethylbenzene	119	13.085	13.085	0.000	95	459814	20.0	21.7	
171 n-Butylbenzene	92	13.106	13.106	0.000	97	369501	20.0	21.8	
172 1,2-Dichlorobenzene	146	13.128	13.128	0.000	98	362255	20.0	21.3	
173 o-diethylbenzene	119	13.156	13.156	0.000	95	381526	20.0	21.6	
176 1,2-Dibromo-3-Chloropropane	75	13.678	13.678	0.000	86	80611	20.0	21.4	
177 1,3,5-Trichlorobenzene	180	13.814	13.814	0.000	97	301237	20.0	21.7	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	95	305685	20.0	21.3	
179 2-Ethylhexyl acrylate	55	14.293	14.293	0.000	80	326810	20.0	21.1	
180 Hexachlorobutadiene	225	14.322	14.322	0.000	98	127703	20.0	21.2	
181 Naphthalene	128	14.415	14.415	0.000	97	1195144	20.0	21.7	
182 1,2,3-Trichlorobenzene	180	14.558	14.558	0.000	96	314725	20.0	21.0	
183 2-Methylnaphthalene	142	15.158	15.158	0.000	92	709395	20.0	22.2	
S 235 Total Diethylbenzene	1				0			65.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00241	Amount Added: 4.00	Units: uL	
MSV_CCV_VOC#3_00242	Amount Added: 3.20	Units: uL	
MSV_CCV_2CEVE_00233	Amount Added: 4.00	Units: uL	
MSV_CCV_GASES_01062	Amount Added: 2.00	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added: 4.00	Units: uL	
MSV_HP20_ISSS_00151	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 30-Jun-2025 14:26:12

Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X15.D

Injection Date: 27-Jun-2025 18:05:30

Instrument ID: 9355

Operator ID: kas02648

Lims ID: IC v20

Worklist Smp#: 15

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

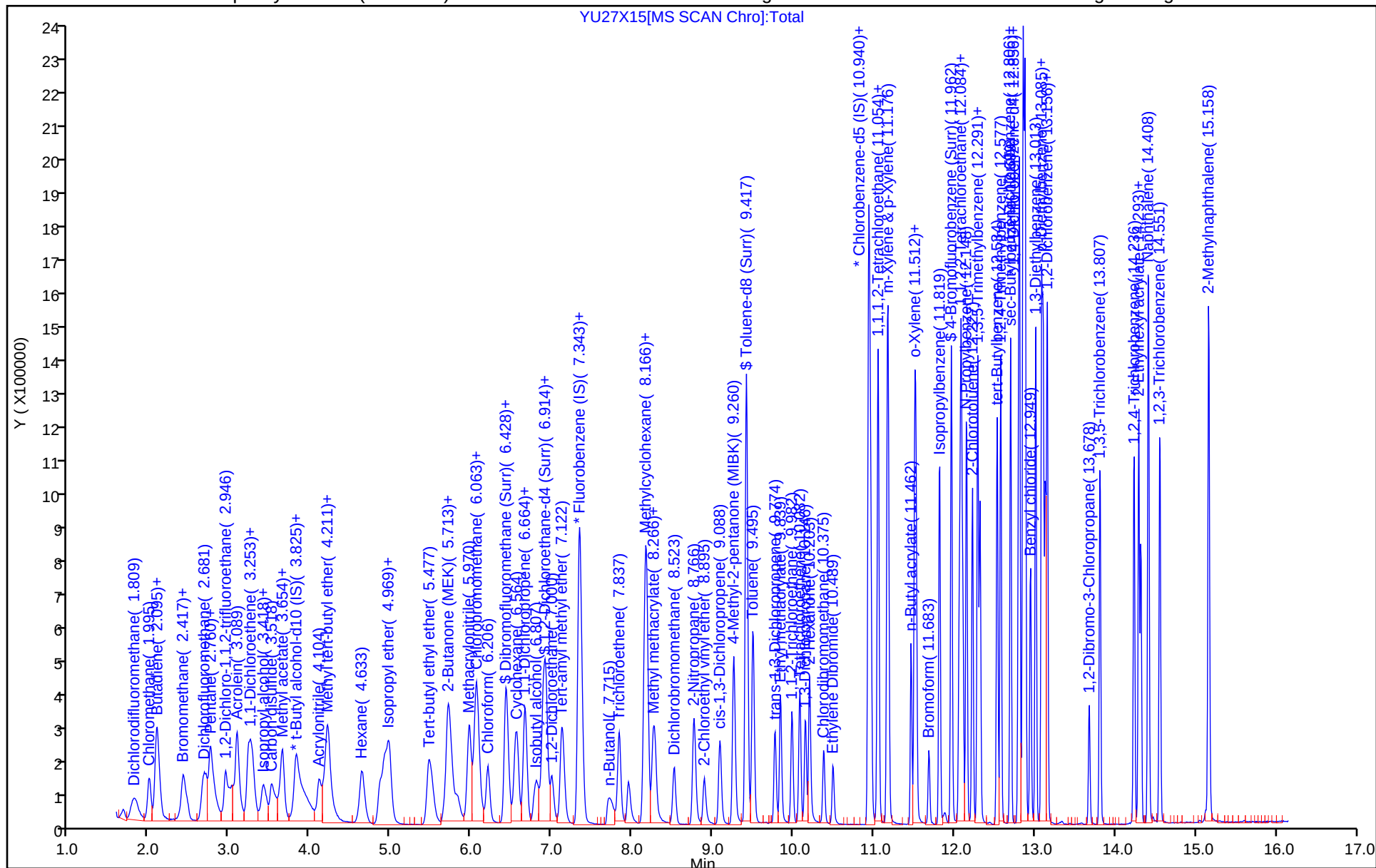
ALS Bottle#: 15

Method: MSVoa_9355

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

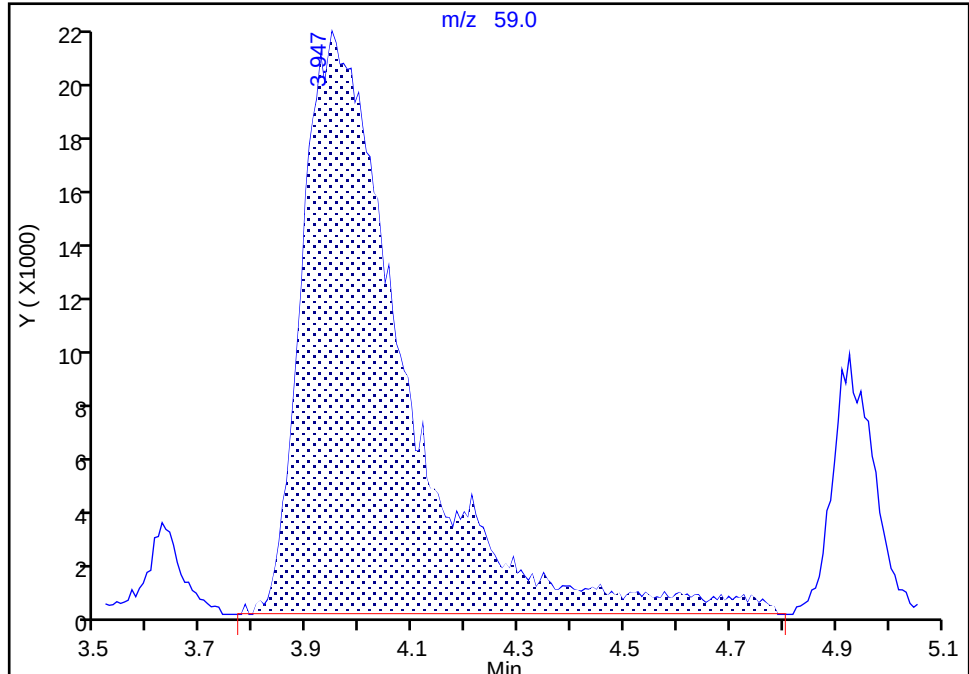
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Injection Date: 27-Jun-2025 18:05:30 Instrument ID: 9355
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

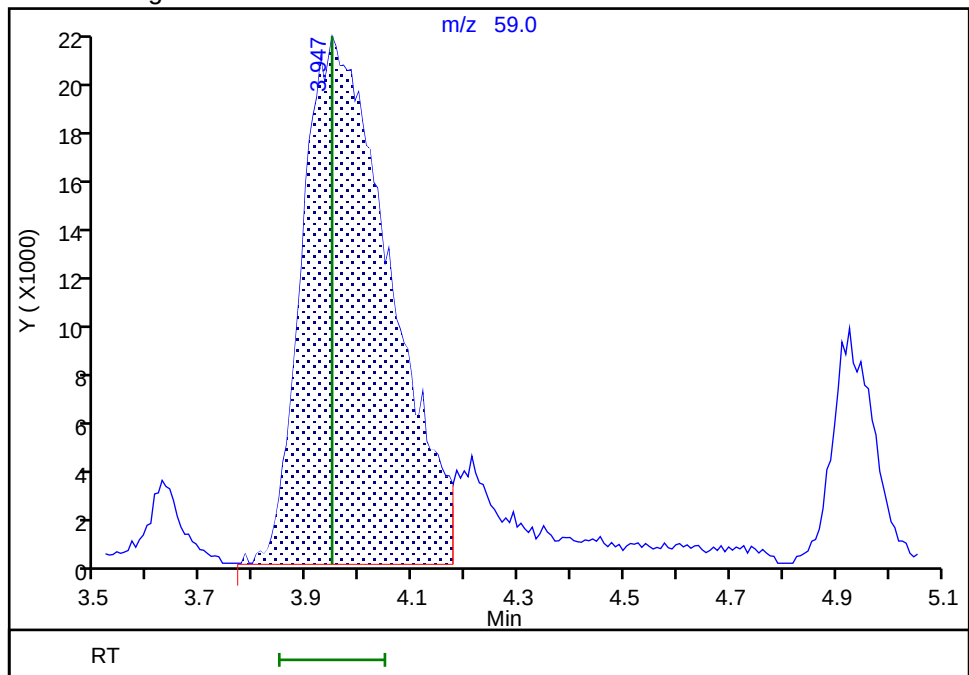
RT: 3.95
Area: 293841
Amount: 117.7439
Amount Units: ug/l

Processing Integration Results



RT: 3.95
Area: 250136
Amount: 104.2679
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 18:47:12 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

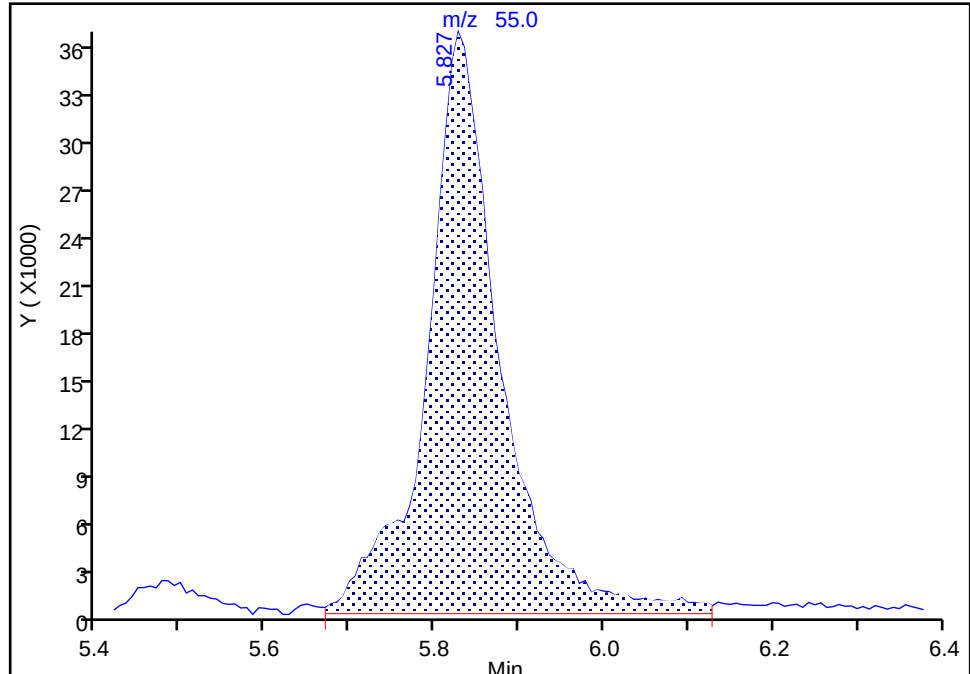
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Injection Date: 27-Jun-2025 18:05:30 Instrument ID: 9355
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

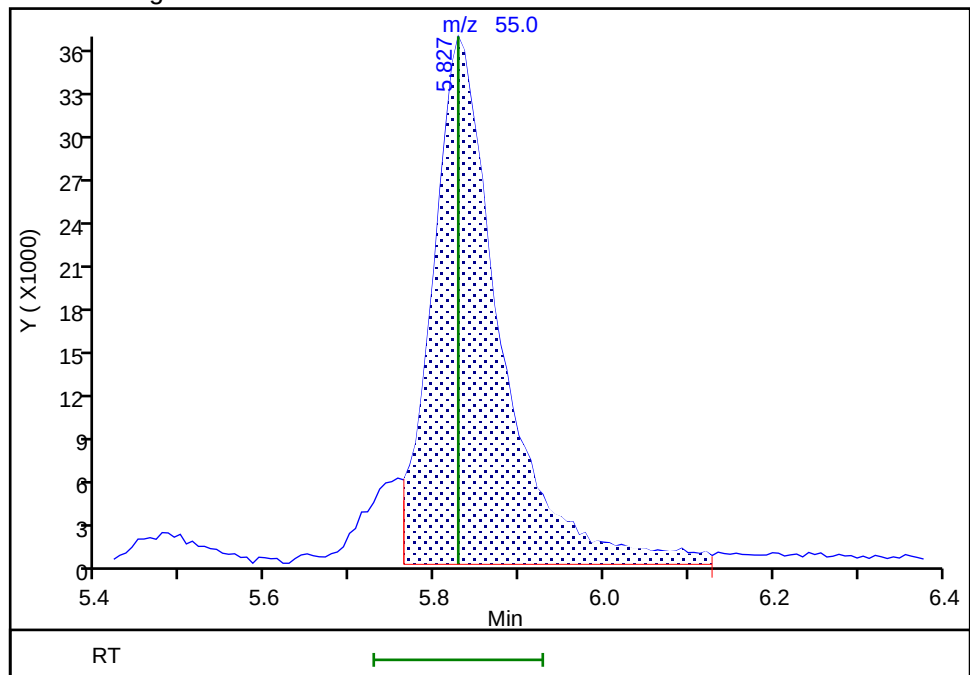
RT: 5.83
Area: 220991
Amount: 21.448374
Amount Units: ug/l

Processing Integration Results



RT: 5.83
Area: 203416
Amount: 21.824005
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 18:47:25 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

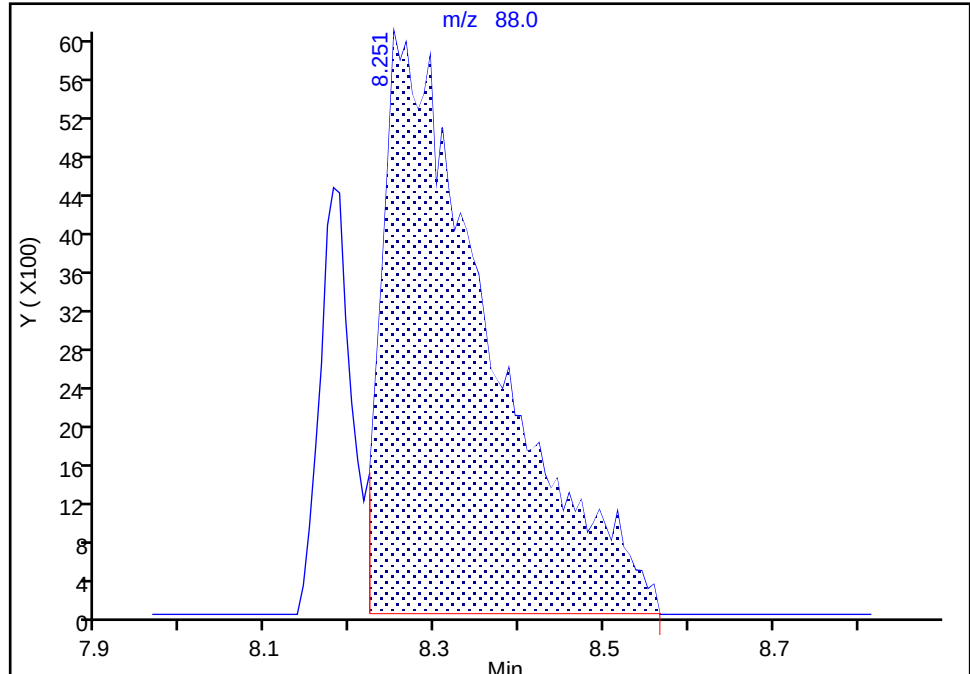
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X15.D
Injection Date: 27-Jun-2025 18:05:30 Instrument ID: 9355
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

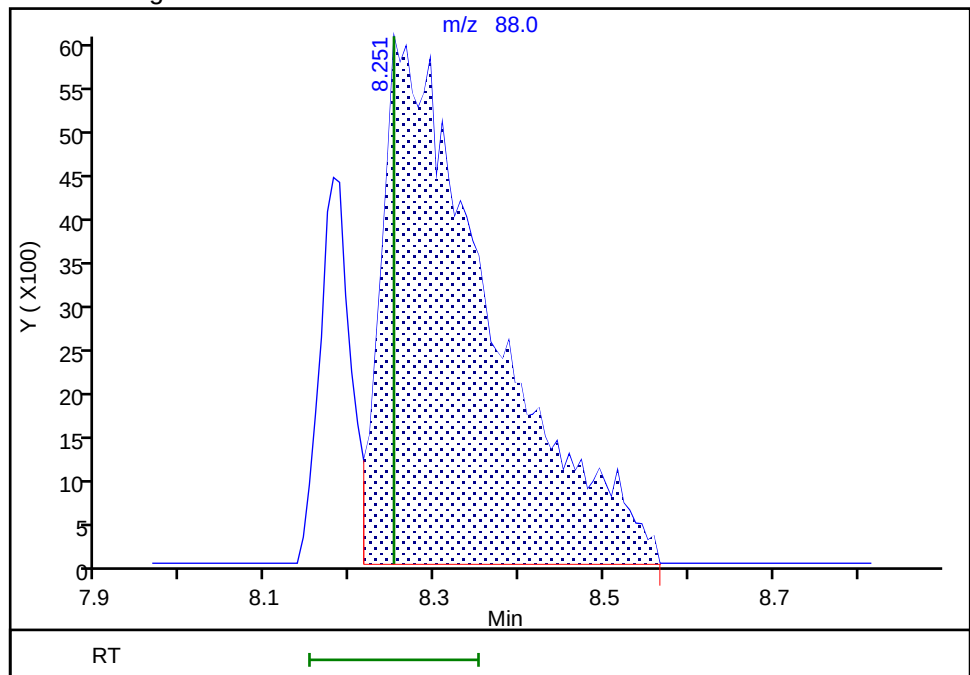
RT: 8.25
Area: 53512
Amount: 252.9337
Amount Units: ug/l

Processing Integration Results



RT: 8.25
Area: 54021
Amount: 264.8626
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 18:48:01 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X14.D
 Lims ID: ICIS v50
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 27-Jun-2025 17:42:30 ALS Bottle#: 14 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0151826-014
 Misc. Info.: IC V10
 Operator ID: kas02648 Instrument ID: 9355
 Sublist: chrom-MSVoa_9355*sub90
 Method: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\MSVoa_9355.m
 Limit Group: MSV - 8260C_D
 Last Update: 30-Jun-2025 14:26:27 Calib Date: 27-Jun-2025 19:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1644

First Level Reviewer: Y6ZN

Date: 27-Jun-2025 18:36:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.816	1.816	0.000	99	589084	50.0	58.2	
6 Chloromethane	50	1.988	1.988	0.000	99	671924	50.0	52.9	
8 Butadiene	39	2.081	2.081	0.000	91	602214	50.0	53.1	
7 Vinyl chloride	62	2.088	2.088	0.000	98	634540	50.0	54.0	
10 Bromomethane	94	2.403	2.403	0.000	90	429472	50.0	52.2	
11 Chloroethane	64	2.445	2.445	0.000	100	300879	50.0	51.3	
12 Dichlorofluoromethane	67	2.681	2.681	0.000	97	922867	50.0	51.4	
13 Pentane	43	2.746	2.746	0.000	97	561754	50.0	50.5	
14 Trichlorofluoromethane	101	2.767	2.767	0.000	96	682652	50.0	55.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.017	3.017	0.000	94	425373	50.0	51.0	
18 Acrolein	56	3.082	3.082	0.000	99	1146052	487.9	504.9	
19 1,1-Dichloroethene	96	3.218	3.218	0.000	98	279773	50.0	50.0	
20 Acetone	58	3.232	3.232	0.000	100	129128	100.0	103.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.261	3.261	0.000	93	388169	50.0	53.3	
22 Isopropyl alcohol	45	3.368	3.368	0.000	96	476595	250.0	227.5	
23 Iodomethane	142	3.404	3.404	0.000	98	572579	50.0	51.1	
24 Carbon disulfide	76	3.511	3.511	0.000	99	1048058	50.0	51.5	
26 Methyl acetate	43	3.611	3.611	0.000	98	396553	50.0	53.4	
27 3-Chloro-1-propene	41	3.640	3.640	0.000	91	467569	50.0	48.4	
29 Methylene Chloride	84	3.811	3.811	0.000	93	328641	50.0	50.2	
* 28 t-Butyl alcohol-d10 (IS)	65	3.818	3.818	0.000	96	588645	250.0	250.0	
30 2-Methyl-2-propanol	59	3.926	3.926	0.000	99	587326	250.0	247.6	M
31 Acrylonitrile	53	4.090	4.090	0.000	98	537767	125.0	127.6	
32 Methyl tert-butyl ether	73	4.190	4.190	0.000	94	1144708	50.0	50.2	
33 trans-1,2-Dichloroethene	96	4.204	4.204	0.000	98	281989	50.0	50.7	
35 Hexane	57	4.633	4.633	0.000	92	499766	50.0	54.7	
37 1,1-Dichloroethane	63	4.855	4.855	0.000	96	527003	50.0	52.4	
38 Isopropyl ether	45	4.919	4.919	0.000	96	1072361	50.0	51.4	
39 2-Chloro-1,3-butadiene	53	4.969	4.969	0.000	90	473778	50.0	52.7	
41 Tert-butyl ethyl ether	59	5.470	5.470	0.000	97	1123318	50.0	51.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2-Butanone (MEK)	43	5.670	5.670	0.000	99	600639	100.0	98.5	
43 cis-1,2-Dichloroethene	96	5.699	5.699	0.000	82	334937	50.0	51.1	
44 2,2-Dichloropropane	77	5.727	5.727	0.000	89	522398	50.0	51.4	
45 Propionitrile	54	5.742	5.742	0.000	96	520886	250.0	256.0	
47 Methyl acrylate	55	5.813	5.813	0.000	100	516594	50.0	55.7	M
48 Methacrylonitrile	67	5.963	5.963	0.000	92	546685	125.0	130.2	
50 Chlorobromomethane	128	6.042	6.042	0.000	96	167291	50.0	51.7	
51 Tetrahydrofuran	71	6.063	6.063	0.000	92	445060	250.0	252.9	
53 Chloroform	83	6.199	6.199	0.000	93	510481	50.0	50.7	
\$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	93	283112	50.0	50.1	
55 1,1,1-Trichloroethane	97	6.435	6.435	0.000	98	510208	50.0	51.1	
56 Cyclohexane	56	6.550	6.550	0.000	91	678187	50.0	52.2	
57 1,1-Dichloropropene	75	6.657	6.657	0.000	96	434203	50.0	52.7	
58 Carbon tetrachloride	117	6.664	6.664	0.000	96	432450	50.0	52.7	
59 Isobutyl alcohol	41	6.800	6.800	0.000	95	466671	625.0	593.1	
\$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.886	6.886	0.000	99	72834	50.0	50.7	
61 Benzene	78	6.922	6.922	0.000	97	1290005	50.0	51.7	
62 1,2-Dichloroethane	62	6.993	6.993	0.000	97	407905	50.0	50.2	
64 Tert-amyl methyl ether	73	7.122	7.122	0.000	98	1089326	50.0	51.3	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1189958	50.0	50.0	
66 n-Heptane	43	7.365	7.365	0.000	93	489238	50.0	53.6	
67 n-Butanol	56	7.701	7.701	0.000	89	393759	625.0	671.7	
69 Trichloroethene	95	7.830	7.830	0.000	99	331389	50.0	51.9	
71 Methylcyclohexane	83	8.151	8.151	0.000	91	698693	50.0	53.4	
70 Ethyl acrylate	55	8.151	8.151	0.000	86	687878	50.0	50.1	
72 1,2-Dichloropropane	63	8.166	8.166	0.000	83	349298	50.0	51.9	
73 2-ethoxy-2-methyl butane	87	8.180	8.180	0.000	92	511462	50.0	50.8	
75 1,4-Dioxane	88	8.259	8.259	0.000	31	131701	625.0	653.2	M
74 Methyl methacrylate	69	8.251	8.251	0.000	91	339954	50.0	52.8	
76 Dibromomethane	93	8.280	8.280	0.000	96	220507	50.0	51.5	
78 Dichlorobromomethane	83	8.516	8.516	0.000	100	402455	50.0	52.6	
79 2-Nitropropane	41	8.759	8.759	0.000	97	755551	250.0	260.1	
80 2-Chloroethyl vinyl ether	63	8.888	8.888	0.000	91	235052	50.0	53.9	
81 cis-1,3-Dichloropropene	75	9.081	9.081	0.000	96	543603	50.0	53.1	
82 4-Methyl-2-pentanone (MIBK)	43	9.260	9.260	0.000	97	1259766	100.0	106.4	
\$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1219363	50.0	49.5	
95 Toluene	92	9.496	9.496	0.000	98	825080	50.0	51.6	
96 trans-1,3-Dichloropropene	75	9.767	9.767	0.000	92	496113	50.0	51.3	
97 Ethyl methacrylate	69	9.839	9.839	0.000	90	585238	50.0	51.8	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	90	310198	50.0	49.9	
114 Tetrachloroethene	166	10.082	10.082	0.000	96	335890	50.0	51.1	
115 1,3-Dichloropropane	76	10.146	10.146	0.000	91	524164	50.0	51.4	
117 2-Hexanone	43	10.196	10.196	0.000	97	887637	100.0	103.5	
119 Chlorodibromomethane	129	10.375	10.375	0.000	90	337139	50.0	52.4	
120 Ethylene Dibromide	107	10.489	10.489	0.000	98	342594	50.0	52.2	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	87	912989	50.0	50.0	
122 1-Chlorohexane	91	10.947	10.947	0.000	98	456936	50.0	50.3	
132 Chlorobenzene	112	10.961	10.961	0.000	95	941931	50.0	51.3	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	96	362327	50.0	52.9	
135 Ethylbenzene	91	11.054	11.054	0.000	98	1677042	50.0	51.7	
137 m-Xylene & p-Xylene	106	11.176	11.176	0.000	99	1318664	100.0	103.4	
138 n-Butyl acrylate	55	11.462	11.462	0.000	97	824871	50.0	52.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
139 o-Xylene	106	11.505	11.505	0.000	97	692511	50.0	51.9	
140 Styrene	104	11.526	11.526	0.000	95	1080622	50.0	51.7	
141 Bromoform	173	11.684	11.684	0.000	96	255423	50.0	54.1	
142 Isopropylbenzene	105	11.819	11.819	0.000	96	1678072	50.0	52.4	
\$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.962	0.000	88	467847	50.0	49.7	
147 1,1,2,2-Tetrachloroethane	83	12.063	12.063	0.000	95	623341	50.0	52.5	
149 Bromobenzene	156	12.077	12.077	0.000	97	409739	50.0	52.5	
148 trans-1,4-Dichloro-2-butene	53	12.084	12.084	0.000	92	445143	125.0	133.5	
150 1,2,3-Trichloropropane	110	12.105	12.105	0.000	82	183734	50.0	52.1	
151 N-Propylbenzene	91	12.148	12.148	0.000	99	2102114	50.0	53.8	
152 2-Chlorotoluene	126	12.227	12.227	0.000	97	432741	50.0	52.6	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	94	1635126	50.0	53.4	
154 4-Chlorotoluene	126	12.320	12.320	0.000	97	412190	50.0	51.9	
156 tert-Butylbenzene	134	12.534	12.534	0.000	93	316959	50.0	54.2	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	97	1670440	50.0	53.0	
159 sec-Butylbenzene	105	12.699	12.699	0.000	94	2130660	50.0	54.7	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	97	828409	50.0	51.7	
161 4-Isopropyltoluene	119	12.813	12.813	0.000	97	1872508	50.0	55.0	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	94	528069	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.871	12.871	0.000	93	828374	50.0	50.1	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	98	1809469	50.0	52.9	
168 Benzyl chloride	91	12.942	12.942	0.000	98	1289100	50.0	54.4	
169 1,3-Diethylbenzene	119	13.014	13.014	0.000	95	1064046	50.0	53.2	
170 p-Diethylbenzene	119	13.085	13.085	0.000	95	1130944	50.0	53.2	
171 n-Butylbenzene	92	13.106	13.106	0.000	97	908217	50.0	53.2	
172 1,2-Dichlorobenzene	146	13.128	13.128	0.000	98	881244	50.0	51.5	
173 o-diethylbenzene	119	13.157	13.157	0.000	94	941887	50.0	53.0	
176 1,2-Dibromo-3-Chloropropane	75	13.671	13.671	0.000	86	197340	50.0	52.0	
177 1,3,5-Trichlorobenzene	180	13.807	13.807	0.000	98	723617	50.0	51.7	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	95	728421	50.0	50.5	
179 2-Ethylhexyl acrylate	55	14.293	14.293	0.000	80	856732	50.0	55.0	
180 Hexachlorobutadiene	225	14.322	14.322	0.000	98	312687	50.0	51.5	
181 Naphthalene	128	14.408	14.408	0.000	97	2828178	50.0	51.0	
182 1,2,3-Trichlorobenzene	180	14.551	14.551	0.000	95	735057	50.0	48.7	
183 2-Methylnaphthalene	142	15.159	15.159	0.000	92	1673198	50.0	52.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00241	Amount Added: 5.00	Units: uL	
MSV_CCV_VOC#3_00242	Amount Added: 4.00	Units: uL	
MSV_CCV_2CEVE_00233	Amount Added: 5.00	Units: uL	
MSV_CCV_GASES_01062	Amount Added: 2.50	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added: 5.00	Units: uL	
MSV_HP20_ISSS_00151	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 30-Jun-2025 14:26:28

Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X14.D

Injection Date: 27-Jun-2025 17:42:30

Instrument ID: 9355

Operator ID: kas02648

Lims ID: ICIS v50

Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

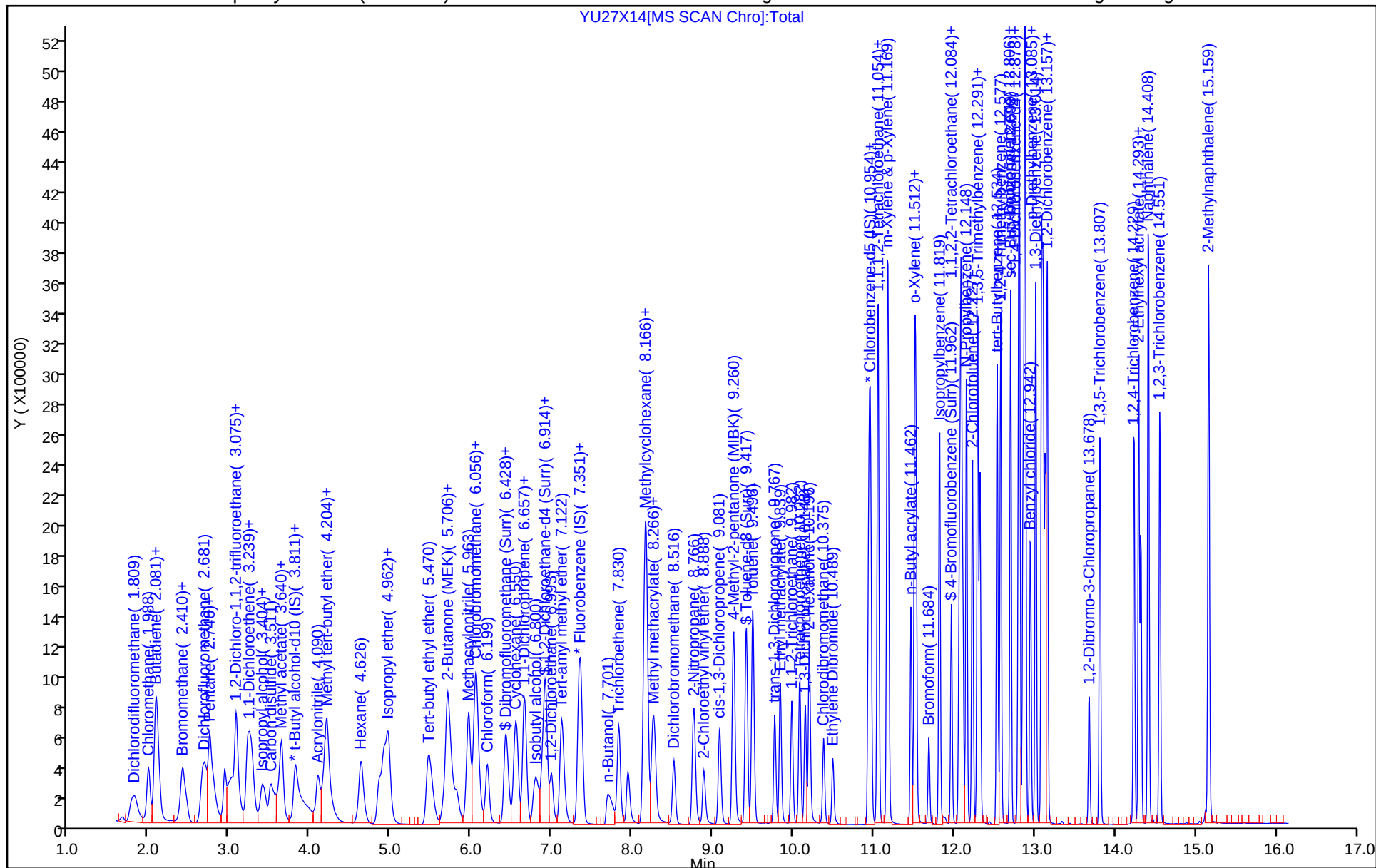
ALS Bottle#: 14

Method: MSVoa_9355

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

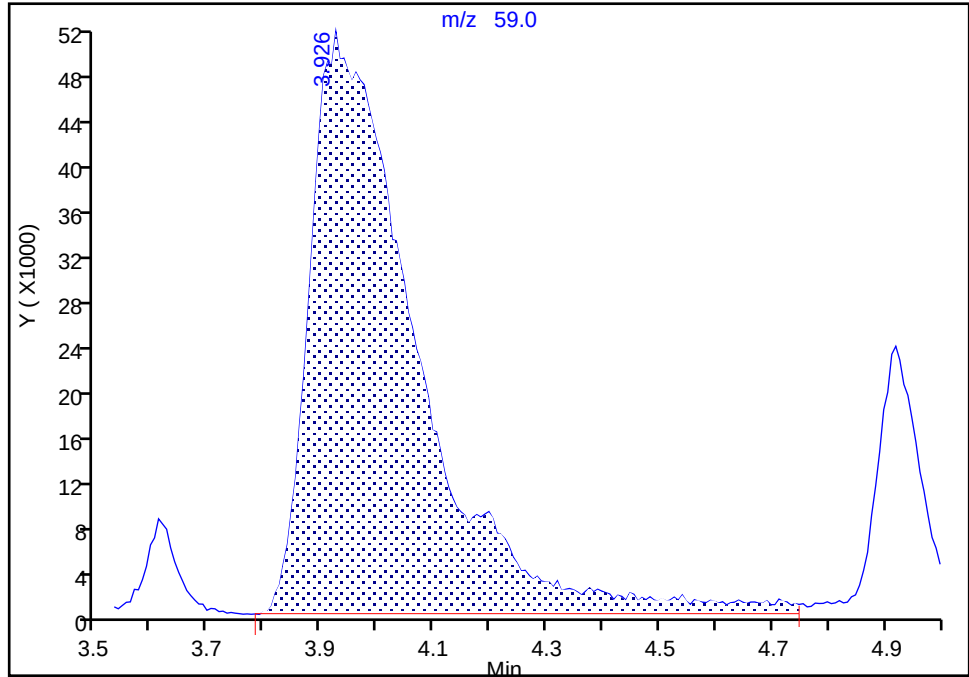
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Injection Date: 27-Jun-2025 17:42:30 Instrument ID: 9355
Lims ID: ICIS v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

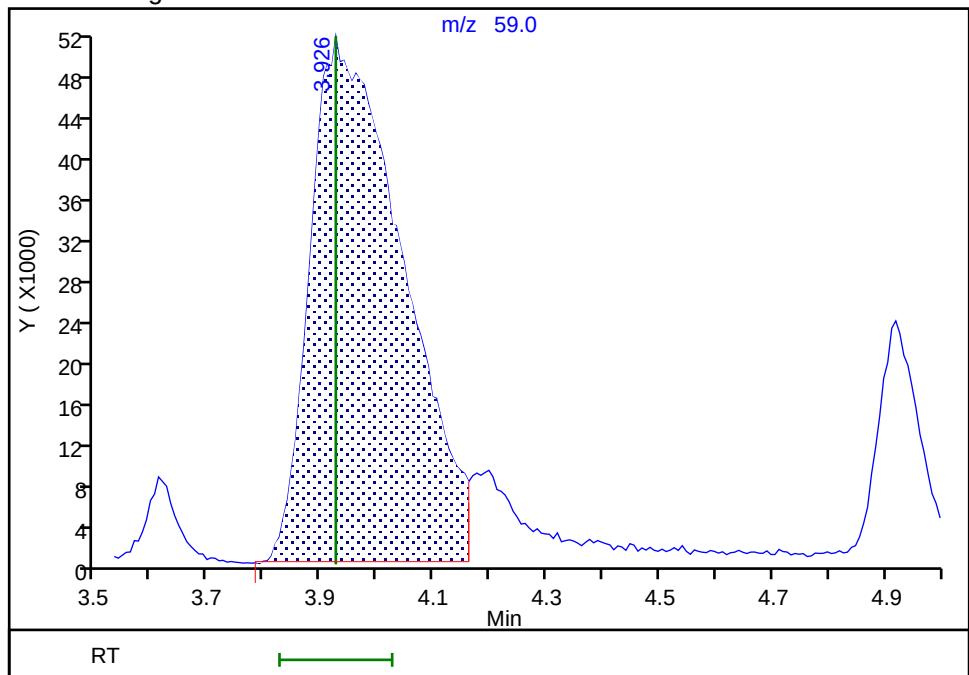
RT: 3.93
Area: 673259
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 3.93
Area: 587326
Amount: 247.6458
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 18:37:28 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

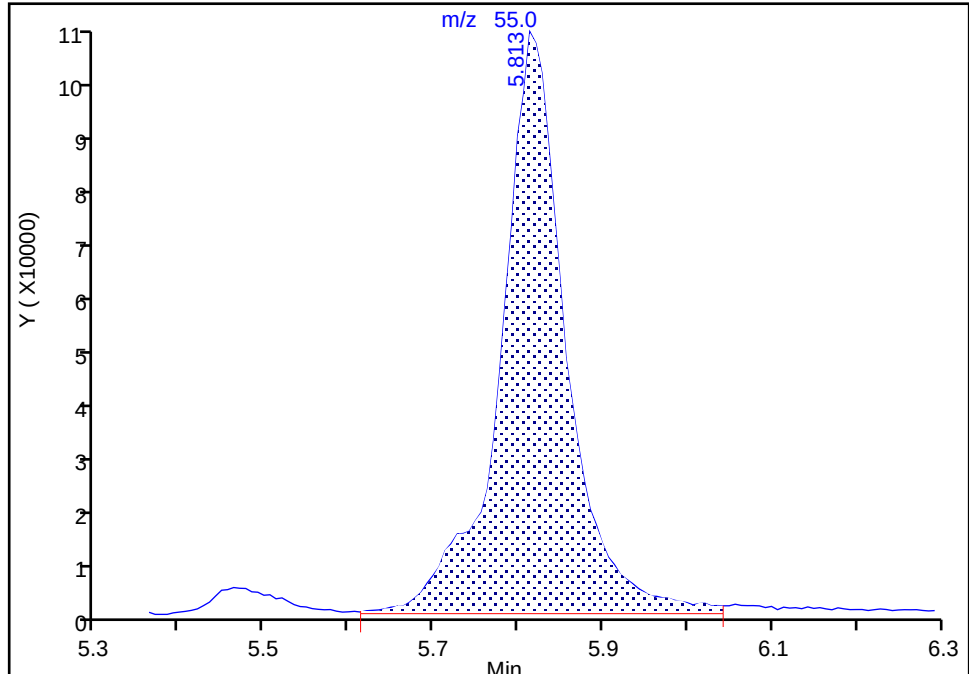
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Injection Date: 27-Jun-2025 17:42:30 Instrument ID: 9355
Lims ID: ICIS v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

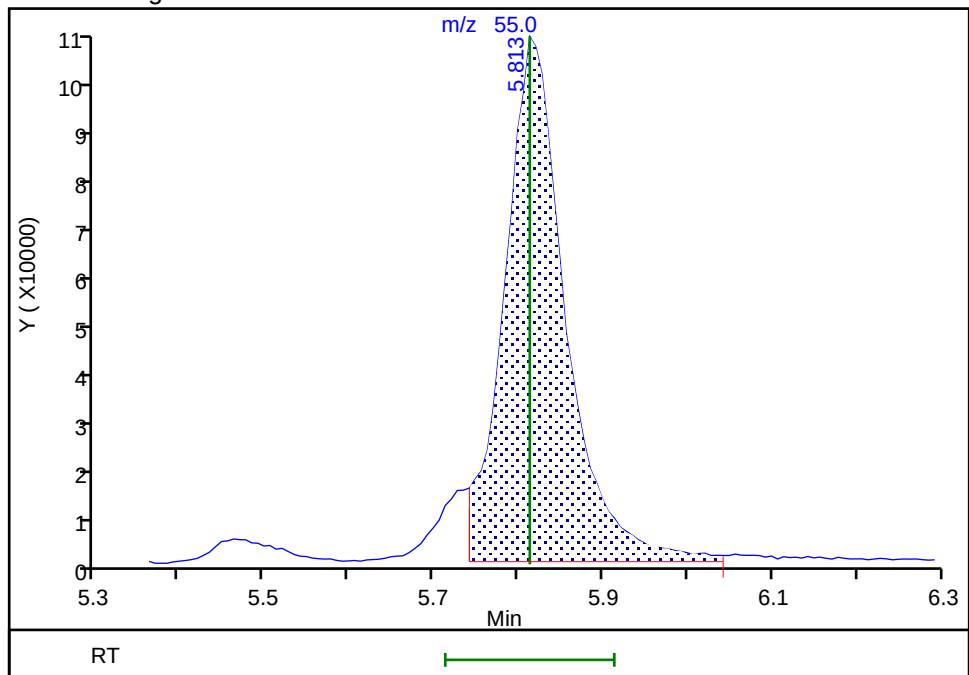
RT: 5.81
Area: 553557
Amount: 50.009280
Amount Units: ug/l

Processing Integration Results



RT: 5.81
Area: 516594
Amount: 55.731140
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 18:38:34 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

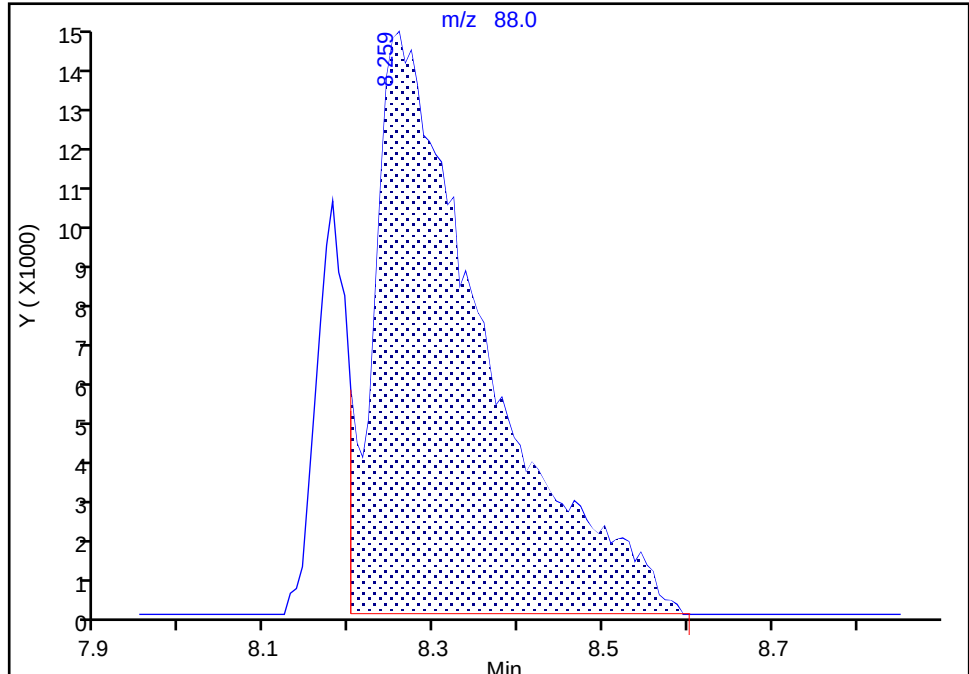
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Injection Date: 27-Jun-2025 17:42:30 Instrument ID: 9355
Lims ID: ICIS v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

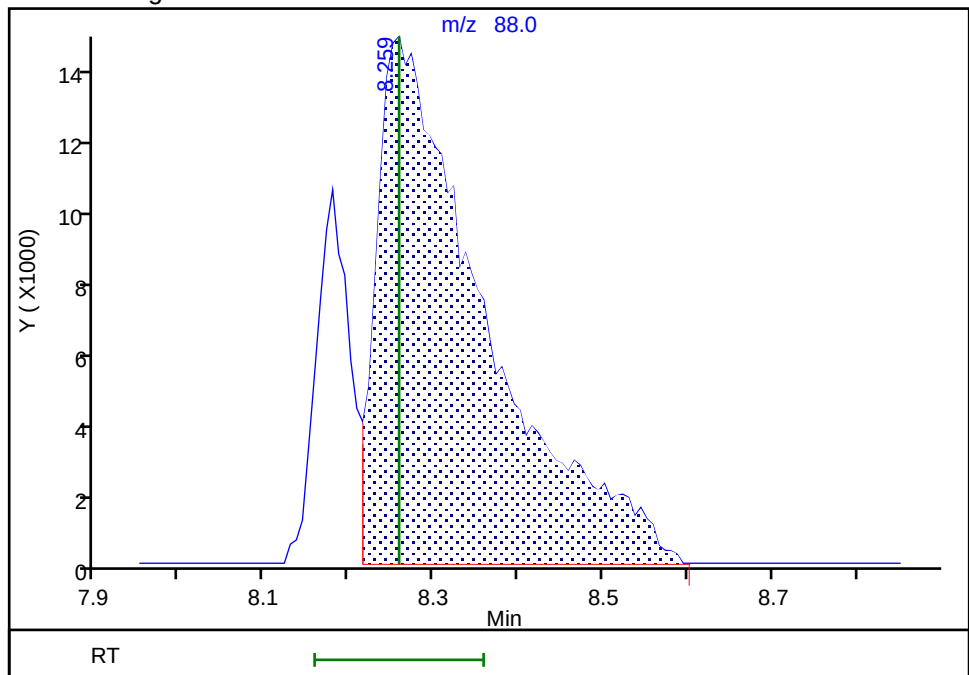
RT: 8.26
Area: 136018
Amount: 625.0000
Amount Units: ug/l

Processing Integration Results



RT: 8.26
Area: 131701
Amount: 653.1672
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 18:38:50 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X13.D
 Lims ID: IC v100
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 27-Jun-2025 17:20:30 ALS Bottle#: 13 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0151826-013
 Misc. Info.: IC V4
 Operator ID: kas02648 Instrument ID: 9355
 Sublist: chrom-MSVoa_9355*sub90
 Method: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\MSVoa_9355.m
 Limit Group: MSV - 8260C_D
 Last Update: 30-Jun-2025 14:26:46 Calib Date: 27-Jun-2025 19:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1644

First Level Reviewer: Y6ZN

Date: 27-Jun-2025 18:46:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.823	1.816	0.007	99	1187404	100.0	114.9	
6 Chloromethane	50	1.995	1.988	0.007	99	1365015	100.0	105.3	
8 Butadiene	39	2.088	2.081	0.007	92	1287771	100.0	111.2	
7 Vinyl chloride	62	2.095	2.088	0.007	98	1321012	100.0	110.1	
10 Bromomethane	94	2.410	2.403	0.007	90	874940	100.0	104.1	
11 Chloroethane	64	2.460	2.445	0.015	100	621677	100.0	103.9	
12 Dichlorofluoromethane	67	2.696	2.681	0.015	97	1900479	100.0	103.6	
13 Pentane	43	2.753	2.746	0.007	96	1125045	100.0	99.1	
14 Trichlorofluoromethane	101	2.774	2.767	0.007	99	1405611	100.0	112.2	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.025	3.017	0.008	93	886667	100.0	104.2	
18 Acrolein	56	3.082	3.082	0.000	99	2405187	975.9	1060.2	
19 1,1-Dichloroethene	96	3.232	3.218	0.014	98	569656	100.0	99.7	
20 Acetone	58	3.232	3.232	0.000	100	268891	200.0	215.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.275	3.261	0.014	94	784488	100.0	105.5	
22 Isopropyl alcohol	45	3.375	3.368	0.007	97	936673	500.0	447.4	
23 Iodomethane	142	3.418	3.404	0.014	98	1177165	100.0	102.8	
24 Carbon disulfide	76	3.518	3.511	0.007	99	2048983	100.0	98.5	
26 Methyl acetate	43	3.618	3.611	0.007	98	829093	100.0	109.3	
27 3-Chloro-1-propene	41	3.647	3.640	0.007	91	938778	100.0	95.3	
29 Methylene Chloride	84	3.818	3.811	0.007	92	685850	100.0	102.7	
* 28 t-Butyl alcohol-d10 (IS)	65	3.818	3.818	0.000	89	588331	250.0	250.0	
30 2-Methyl-2-propanol	59	3.933	3.926	0.007	99	1204028	500.0	507.9	M
31 Acrylonitrile	53	4.097	4.090	0.007	99	1089952	250.0	253.4	
32 Methyl tert-butyl ether	73	4.190	4.190	0.000	94	2325323	100.0	99.9	
33 trans-1,2-Dichloroethene	96	4.212	4.204	0.008	98	559540	100.0	98.4	
35 Hexane	57	4.633	4.633	0.000	93	979056	100.0	104.9	
37 1,1-Dichloroethane	63	4.855	4.855	0.000	96	1034426	100.0	100.7	
38 Isopropyl ether	45	4.920	4.919	0.001	94	2131236	100.0	100.0	
39 2-Chloro-1,3-butadiene	53	4.970	4.969	0.001	90	923752	100.0	100.6	
41 Tert-butyl ethyl ether	59	5.477	5.470	0.007	97	2261111	100.0	101.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2-Butanone (MEK)	43	5.670	5.670	0.000	100	1260386	200.0	202.5	
43 cis-1,2-Dichloroethene	96	5.706	5.699	0.007	83	664730	100.0	99.3	
44 2,2-Dichloropropane	77	5.735	5.727	0.008	87	1059892	100.0	102.1	
45 Propionitrile	54	5.742	5.742	0.000	96	1084300	500.0	533.1	
47 Methyl acrylate	55	5.820	5.813	0.007	100	1027266	100.0	108.5	M
48 Methacrylonitrile	67	5.971	5.963	0.008	92	1117827	250.0	260.7	
50 Chlorobromomethane	128	6.049	6.042	0.007	96	338717	100.0	102.6	
51 Tetrahydrofuran	71	6.064	6.063	0.001	92	912928	500.0	519.0	
S 49 1,2-Dichloroethene, Total	100				0			197.8	
53 Chloroform	83	6.199	6.199	0.000	93	1014740	100.0	98.7	
\$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	94	284854	50.0	49.3	
55 1,1,1-Trichloroethane	97	6.443	6.435	0.007	98	1028788	100.0	100.9	
56 Cyclohexane	56	6.557	6.550	0.007	91	1378268	100.0	104.0	
57 1,1-Dichloropropene	75	6.657	6.657	0.000	98	864329	100.0	102.7	
58 Carbon tetrachloride	117	6.664	6.664	0.000	97	887964	100.0	106.0	
59 Isobutyl alcohol	41	6.800	6.800	0.000	96	959853	1250.0	1220.5	
\$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.886	6.886	0.000	99	73004	50.0	49.8	
61 Benzene	78	6.922	6.922	0.000	96	2575284	100.0	101.0	
62 1,2-Dichloroethane	62	7.000	6.993	0.007	97	823799	100.0	99.2	
64 Tert-amyl methyl ether	73	7.129	7.122	0.007	98	2219014	100.0	102.4	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1215034	50.0	50.0	
66 n-Heptane	43	7.365	7.365	0.000	93	978449	100.0	104.9	
67 n-Butanol	56	7.701	7.701	0.000	90	812783	1250.0	1387.2	
69 Trichloroethene	95	7.830	7.830	0.000	99	658099	100.0	101.0	
71 Methylcyclohexane	83	8.151	8.151	0.000	92	1406498	100.0	105.3	
70 Ethyl acrylate	55	8.159	8.151	0.008	88	1395185	100.0	99.5	
72 1,2-Dichloropropane	63	8.166	8.166	0.000	87	702154	100.0	102.2	
73 2-ethoxy-2-methyl butane	87	8.180	8.180	0.000	91	1070510	100.0	104.1	
74 Methyl methacrylate	69	8.252	8.251	0.001	91	693454	100.0	105.4	
75 1,4-Dioxane	88	8.252	8.259	-0.007	32	263121	1250.0	1305.6	M
76 Dibromomethane	93	8.273	8.280	-0.007	97	445016	100.0	101.7	
78 Dichlorobromomethane	83	8.516	8.516	0.000	99	822982	100.0	105.3	
79 2-Nitropropane	41	8.766	8.759	0.007	97	1570726	500.0	541.0	
80 2-Chloroethyl vinyl ether	63	8.888	8.888	0.000	92	483108	100.0	108.5	
81 cis-1,3-Dichloropropene	75	9.088	9.081	0.007	96	1106495	100.0	105.8	
82 4-Methyl-2-pentanone (MIBK)	43	9.260	9.260	0.000	96	2550917	200.0	210.9	
\$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1244751	50.0	49.2	
95 Toluene	92	9.496	9.496	0.000	98	1644773	100.0	100.1	
96 trans-1,3-Dichloropropene	75	9.767	9.767	0.000	92	1027523	100.0	103.4	
97 Ethyl methacrylate	69	9.839	9.839	0.000	90	1171929	100.0	101.1	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	90	629348	100.0	98.7	
S 112 1,3-Dichloropropene, Total	100				0			209.1	
114 Tetrachloroethene	166	10.082	10.082	0.000	96	673240	100.0	99.7	
115 1,3-Dichloropropane	76	10.146	10.146	0.000	91	1072406	100.0	102.5	
117 2-Hexanone	43	10.196	10.196	0.000	96	1821419	200.0	206.9	
119 Chlorodibromomethane	129	10.375	10.375	0.000	90	704471	100.0	106.6	
120 Ethylene Dibromide	107	10.490	10.489	0.001	98	691805	100.0	102.7	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	86	937504	50.0	50.0	
122 1-Chlorohexane	91	10.947	10.947	0.000	98	910881	100.0	97.7	
132 Chlorobenzene	112	10.961	10.961	0.000	95	1882418	100.0	99.8	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	96	739352	100.0	105.1	
135 Ethylbenzene	91	11.054	11.054	0.000	98	3331795	100.0	100.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 m-Xylene & p-Xylene	106	11.176	11.176	0.000	99	2626381	200.0	200.6	
S 136 Xylenes, Total	106				0			301.5	
138 n-Butyl acrylate	55	11.462	11.462	0.000	97	1621336	100.0	101.0	
139 o-Xylene	106	11.512	11.505	0.007	96	1381604	100.0	100.9	
140 Styrene	104	11.526	11.526	0.000	95	2166734	100.0	101.0	
141 Bromoform	173	11.684	11.684	0.000	96	536034	100.0	110.5	
142 Isopropylbenzene	105	11.819	11.819	0.000	96	3330810	100.0	101.3	
\$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.962	0.000	88	476097	50.0	49.2	
147 1,1,2,2-Tetrachloroethane	83	12.063	12.063	0.000	95	1254643	100.0	103.3	
149 Bromobenzene	156	12.077	12.077	0.000	96	816735	100.0	102.4	
148 trans-1,4-Dichloro-2-butene	53	12.084	12.084	0.000	91	900546	250.0	264.2	
150 1,2,3-Trichloropropane	110	12.106	12.105	0.001	83	367151	100.0	101.8	
151 N-Propylbenzene	91	12.148	12.148	0.000	99	4187091	100.0	104.9	
152 2-Chlorotoluene	126	12.227	12.227	0.000	97	867682	100.0	103.2	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	94	3311264	100.0	105.9	
154 4-Chlorotoluene	126	12.320	12.320	0.000	97	840301	100.0	103.5	
156 tert-Butylbenzene	134	12.535	12.534	0.001	93	649853	100.0	108.6	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	97	3349903	100.0	104.0	
159 sec-Butylbenzene	105	12.699	12.699	0.000	94	4272902	100.0	107.4	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	97	1649183	100.0	100.7	
161 4-Isopropyltoluene	119	12.813	12.813	0.000	97	3750430	100.0	107.8	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	94	539774	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.871	12.871	0.001	93	1672453	100.0	99.0	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	98	3640477	100.0	104.0	
168 Benzyl chloride	91	12.942	12.942	0.000	98	2621146	100.0	108.3	
169 1,3-Diethylbenzene	119	13.014	13.014	0.000	95	2167059	100.0	105.9	
170 p-Diethylbenzene	119	13.085	13.085	0.000	95	2257443	100.0	103.8	
171 n-Butylbenzene	92	13.107	13.106	0.001	98	1830259	100.0	104.9	
172 1,2-Dichlorobenzene	146	13.128	13.128	0.000	98	1760209	100.0	100.7	
173 o-diethylbenzene	119	13.157	13.157	0.000	95	1900040	100.0	104.7	
176 1,2-Dibromo-3-Chloropropane	75	13.679	13.671	0.008	87	403355	100.0	104.0	
177 1,3,5-Trichlorobenzene	180	13.807	13.807	0.000	98	1443016	100.0	100.9	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	95	1440312	100.0	97.7	
179 2-Ethylhexyl acrylate	55	14.293	14.293	0.000	80	1712980	99.9	107.6	
180 Hexachlorobutadiene	225	14.322	14.322	0.000	98	610292	100.0	98.4	
181 Naphthalene	128	14.408	14.408	0.000	97	5547869	100.0	97.9	
182 1,2,3-Trichlorobenzene	180	14.551	14.551	0.000	96	1489627	100.0	96.6	
183 2-Methylnaphthalene	142	15.159	15.159	0.000	92	3325979	100.0	101.2	
S 235 Total Diethylbenzene	1				0			314.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00241	Amount Added: 5.00	Units: uL	
MSV_CCV_VOC#3_00242	Amount Added: 4.00	Units: uL	
MSV_CCV_2CEVE_00233	Amount Added: 5.00	Units: uL	
MSV_CCV_GASES_01062	Amount Added: 2.50	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added: 5.00	Units: uL	
MSV_HP20_ISSS_00151	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 30-Jun-2025 14:26:46

Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X13.D

Injection Date: 27-Jun-2025 17:20:30

Instrument ID: 9355

Operator ID: kas02648

Lims ID: IC v100

Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

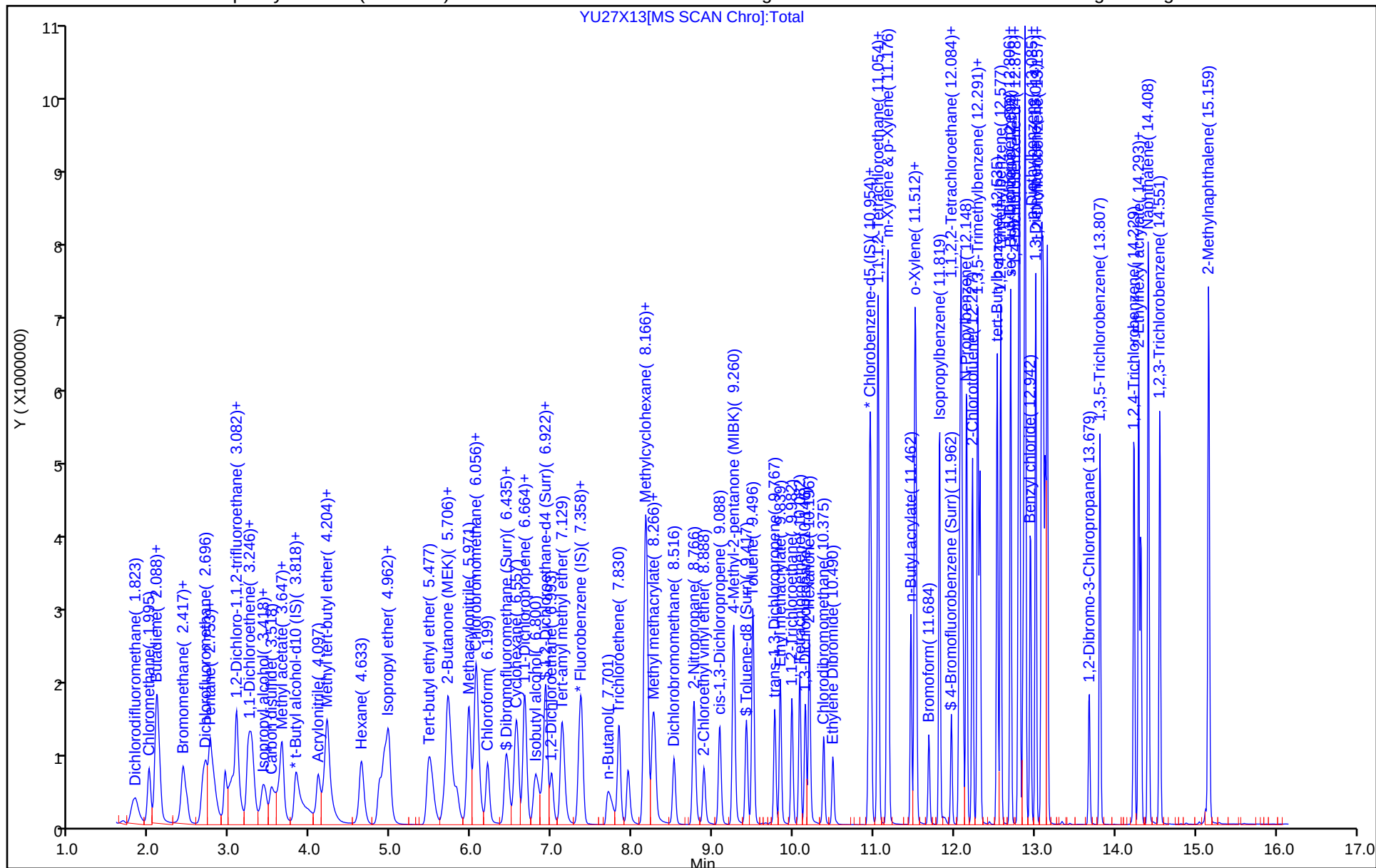
ALS Bottle#: 13

Method: MSVoa_9355

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

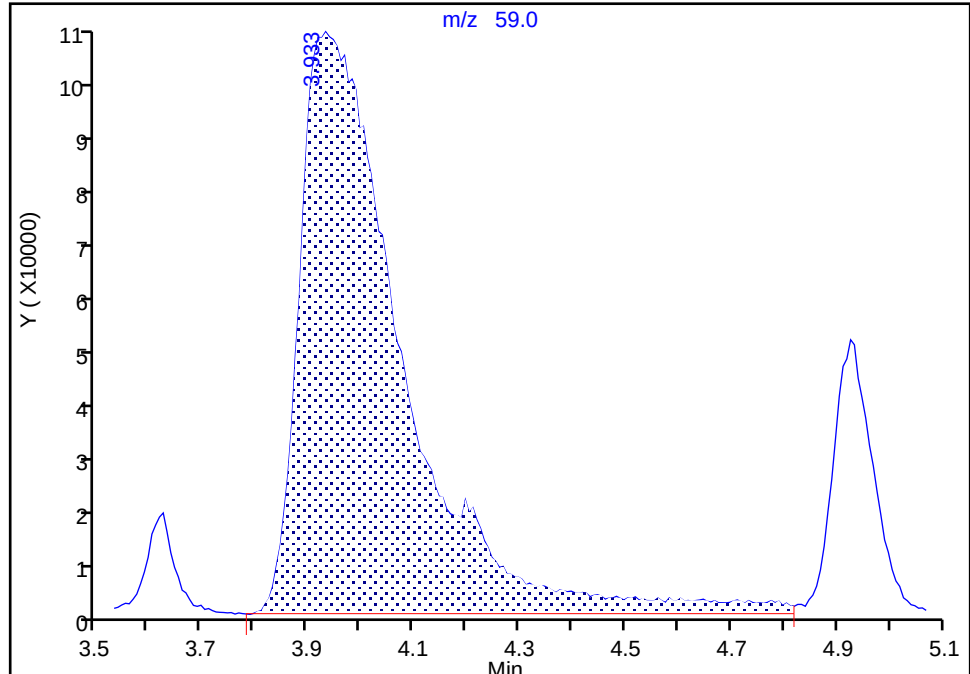
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Injection Date: 27-Jun-2025 17:20:30 Instrument ID: 9355
Lims ID: IC v100
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

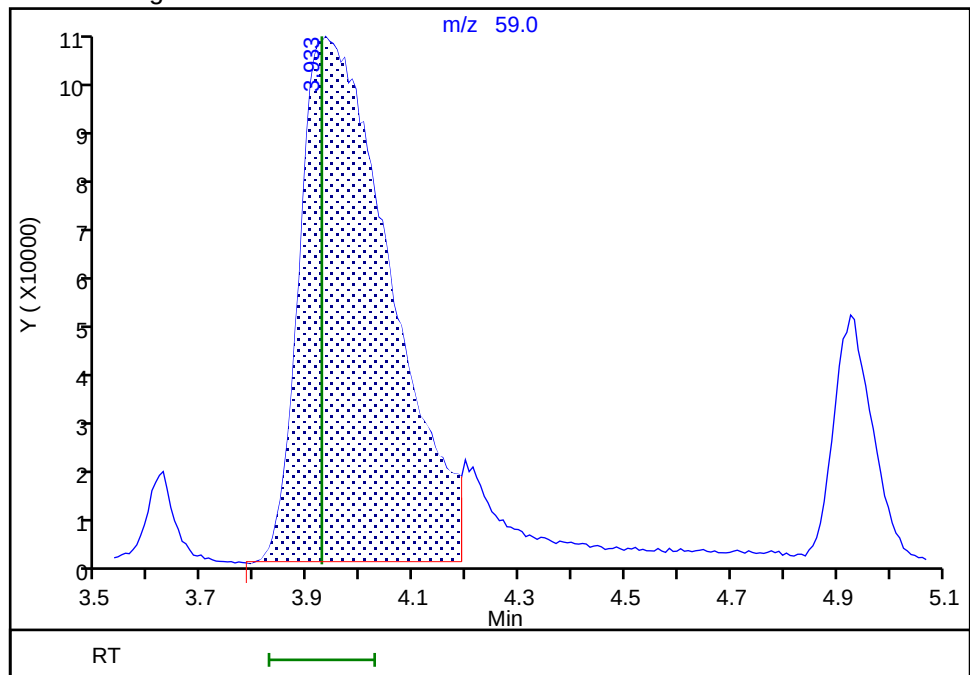
RT: 3.93
Area: 1367238
Amount: 536.7093
Amount Units: ug/l

Processing Integration Results



RT: 3.93
Area: 1204028
Amount: 507.9489
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 18:45:49 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

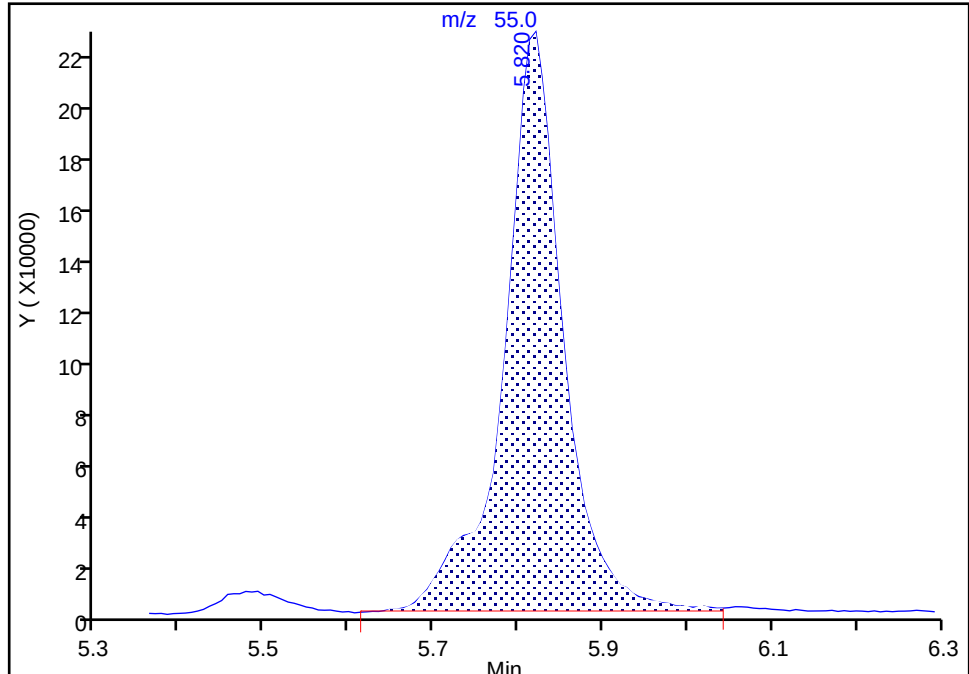
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Injection Date: 27-Jun-2025 17:20:30 Instrument ID: 9355
Lims ID: IC v100
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

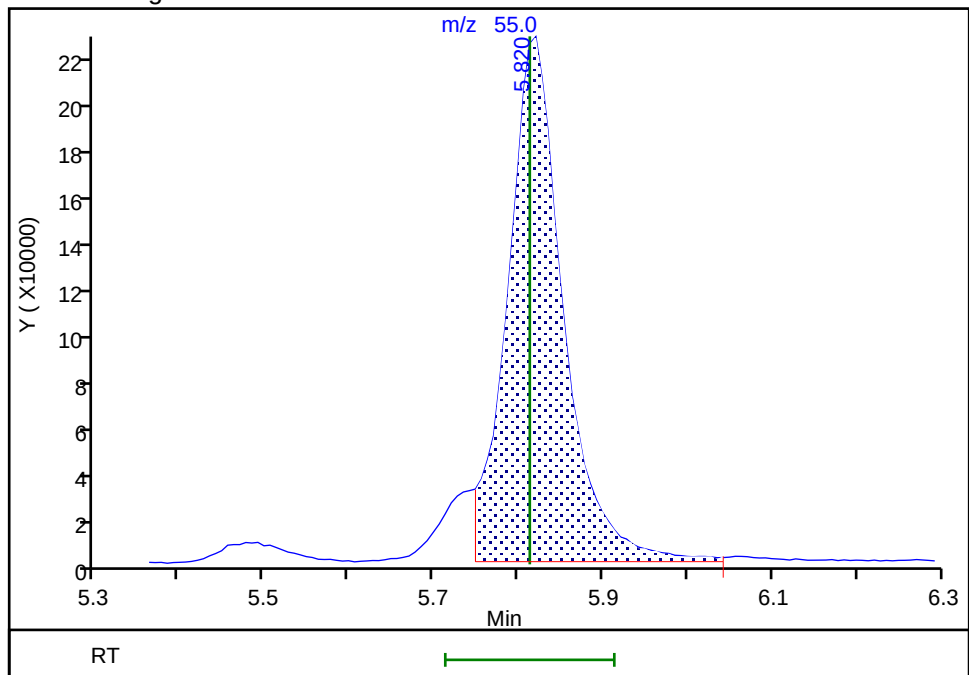
RT: 5.82
Area: 1107598
Amount: 103.8696
Amount Units: ug/l

Processing Integration Results



RT: 5.82
Area: 1027266
Amount: 108.5362
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 18:46:00 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

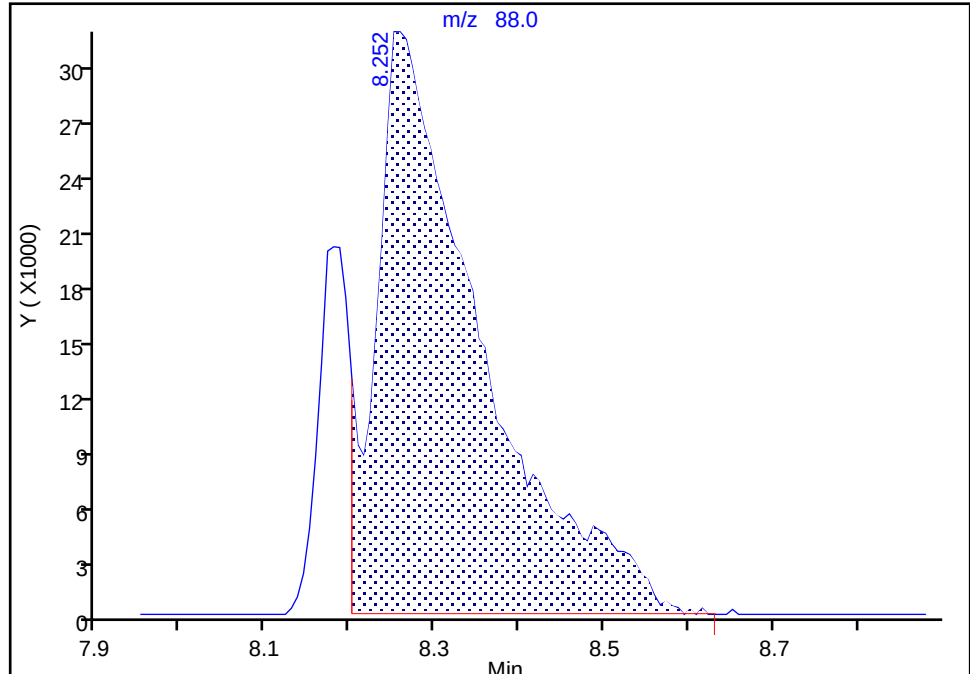
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Injection Date: 27-Jun-2025 17:20:30 Instrument ID: 9355
Lims ID: IC v100
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

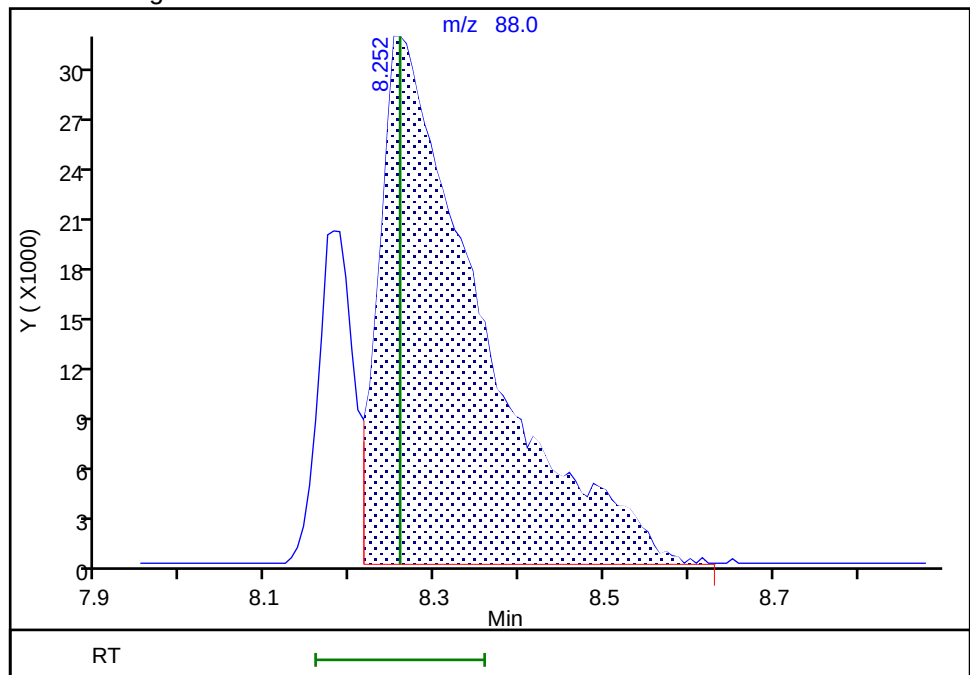
RT: 8.25
Area: 272502
Amount: 1291.9736
Amount Units: ug/l

Processing Integration Results



RT: 8.25
Area: 263121
Amount: 1305.6373
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 18:46:19 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X12.D
 Lims ID: IC v300
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 27-Jun-2025 16:57:30 ALS Bottle#: 12 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0151826-012
 Misc. Info.: IC V1
 Operator ID: kas02648 Instrument ID: 9355
 Sublist: chrom-MSVoa_9355*sub90
 Method: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\MSVoa_9355.m
 Limit Group: MSV - 8260C_D
 Last Update: 30-Jun-2025 14:27:02 Calib Date: 27-Jun-2025 19:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1644

First Level Reviewer: Y6ZN

Date: 27-Jun-2025 18:42:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.823	1.816	0.007	99	3223297	300.0	306.5	
6 Chloromethane	50	1.995	1.988	0.007	99	3772944	300.0	286.1	
8 Butadiene	39	2.095	2.081	0.014	92	3508332	300.0	297.7	
7 Vinyl chloride	62	2.102	2.088	0.014	98	3542017	300.0	290.1	
10 Bromomethane	94	2.410	2.403	0.007	90	2316669	300.0	270.9	
11 Chloroethane	64	2.453	2.445	0.008	100	1697150	300.0	278.8	
12 Dichlorofluoromethane	67	2.696	2.681	0.015	97	5228152	300.0	280.2	
13 Pentane	43	2.753	2.746	0.007	97	3553417	300.0	307.6	
14 Trichlorofluoromethane	101	2.774	2.767	0.007	98	3866517	300.0	303.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.032	3.017	0.015	95	2497858	300.0	288.4	
18 Acrolein	56	3.082	3.082	0.000	99	7073796	2927.6	3080.4	
19 1,1-Dichloroethene	96	3.246	3.218	0.028	98	1786472	300.0	307.2	
20 Acetone	58	3.232	3.232	0.000	100	741052	600.0	586.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.275	3.261	0.014	93	2365251	300.0	312.6	
22 Isopropyl alcohol	45	3.375	3.368	0.007	97	2604467	1500.0	1229.0	
23 Iodomethane	142	3.432	3.404	0.028	98	3585355	300.0	307.9	
24 Carbon disulfide	76	3.554	3.511	0.043	99	6659804	300.0	314.8	M
26 Methyl acetate	43	3.618	3.611	0.007	98	2443087	300.0	316.6	
27 3-Chloro-1-propene	41	3.647	3.640	0.007	93	2805633	300.0	279.8	
29 Methylene Chloride	84	3.833	3.811	0.022	94	2073506	300.0	305.2	
* 28 t-Butyl alcohol-d10 (IS)	65	3.825	3.818	0.007	86	595510	250.0	250.0	
30 2-Methyl-2-propanol	59	3.933	3.926	0.007	99	3346161	1500.0	1394.6	M
31 Acrylonitrile	53	4.097	4.090	0.007	98	3194403	750.0	729.9	
32 Methyl tert-butyl ether	73	4.197	4.190	0.007	95	6758533	300.0	285.4	
33 trans-1,2-Dichloroethene	96	4.204	4.204	0.000	99	1664703	300.0	287.8	
35 Hexane	57	4.633	4.633	0.000	97	2827967	300.0	297.7	
37 1,1-Dichloroethane	63	4.855	4.855	0.000	96	3040769	300.0	291.0	
38 Isopropyl ether	45	4.927	4.919	0.007	94	6388350	300.0	294.7	
39 2-Chloro-1,3-butadiene	53	4.969	4.969	0.000	90	2701115	300.0	289.1	
41 Tert-butyl ethyl ether	59	5.484	5.470	0.014	98	6747576	300.0	298.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2-Butanone (MEK)	43	5.663	5.670	-0.007	99	3656535	600.0	577.3	
43 cis-1,2-Dichloroethene	96	5.706	5.699	0.007	82	1936103	300.0	284.4	
44 2,2-Dichloropropane	77	5.742	5.727	0.015	88	3196476	300.0	302.7	
45 Propionitrile	54	5.734	5.742	-0.008	97	3255351	1500.0	1581.2	
47 Methyl acrylate	55	5.813	5.813	0.000	100	2995981	300.1	311.1	M
48 Methacrylonitrile	67	5.970	5.963	0.007	92	3246752	750.0	744.1	
50 Chlorobromomethane	128	6.049	6.042	0.007	96	993385	300.0	295.7	
51 Tetrahydrofuran	71	6.071	6.063	0.008	91	2698152	1500.0	1515.4	
S 49 1,2-Dichloroethene, Total	100				0			572.2	
53 Chloroform	83	6.199	6.199	0.000	93	2962509	300.0	283.1	
\$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	94	287319	50.0	48.9	
55 1,1,1-Trichloroethane	97	6.450	6.435	0.015	98	3178413	300.0	306.4	
56 Cyclohexane	56	6.564	6.550	0.014	91	4254245	300.0	315.5	
57 1,1-Dichloropropene	75	6.657	6.657	0.000	98	2551654	300.0	297.9	
58 Carbon tetrachloride	117	6.671	6.664	0.007	97	2730068	300.0	320.2	
59 Isobutyl alcohol	41	6.800	6.800	0.000	95	2800545	3750.0	3518.0	
\$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.893	6.886	0.007	98	74126	50.0	49.7	
61 Benzene	78	6.921	6.922	-0.001	96	7529682	300.0	290.4	
62 1,2-Dichloroethane	62	7.000	6.993	0.007	97	2449027	300.0	290.0	M
64 Tert-amyl methyl ether	73	7.129	7.122	0.007	98	6844207	300.0	310.5	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1236216	50.0	50.0	
66 n-Heptane	43	7.365	7.365	0.000	93	2812006	300.0	296.3	
67 n-Butanol	56	7.701	7.701	0.000	88	2436929	3750.0	4109.1	
69 Trichloroethene	95	7.830	7.830	0.000	99	1955004	300.0	295.0	
71 Methylcyclohexane	83	8.158	8.151	0.007	91	4333418	300.0	318.9	
70 Ethyl acrylate	55	8.158	8.151	0.007	84	4407244	300.1	308.8	
72 1,2-Dichloropropane	63	8.166	8.166	0.000	92	2102502	300.0	300.7	
73 2-ethoxy-2-methyl butane	87	8.187	8.180	0.007	92	3302199	300.0	315.5	
74 Methyl methacrylate	69	8.251	8.251	0.000	91	2090907	300.0	312.5	
75 1,4-Dioxane	88	8.266	8.259	0.007	31	772702	3750.0	3788.0	M
76 Dibromomethane	93	8.280	8.280	0.000	97	1337735	300.0	300.5	
78 Dichlorobromomethane	83	8.516	8.516	0.000	100	2492047	300.0	313.5	
79 2-Nitropropane	41	8.766	8.759	0.007	97	4735192	1500.0	1611.2	
80 2-Chloroethyl vinyl ether	63	8.888	8.888	0.000	91	1503573	300.0	331.9	
81 cis-1,3-Dichloropropene	75	9.088	9.081	0.007	96	3387781	300.0	318.3	
82 4-Methyl-2-pentanone (MIBK)	43	9.260	9.260	0.000	96	7616665	600.0	619.0	
\$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1284088	50.0	48.1	
95 Toluene	92	9.496	9.496	0.000	98	4938336	300.0	284.6	
96 trans-1,3-Dichloropropene	75	9.767	9.767	0.000	93	3180757	300.0	303.1	
97 Ethyl methacrylate	69	9.839	9.839	0.000	90	3505077	300.0	286.4	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	90	1929538	300.0	286.6	
S 112 1,3-Dichloropropene, Total	100				0			621.3	
114 Tetrachloroethene	166	10.082	10.082	0.000	96	2052588	300.0	287.9	
115 1,3-Dichloropropane	76	10.146	10.146	0.000	91	3306899	300.0	299.2	
117 2-Hexanone	43	10.196	10.196	0.000	96	5450489	600.0	586.4	
119 Chlorodibromomethane	129	10.375	10.375	0.000	90	2225255	300.0	318.8	
120 Ethylene Dibromide	107	10.489	10.489	0.000	99	2131102	300.0	299.6	
* 121 Chlorobenzene-d5 (IS)	117	10.940	10.933	0.007	87	989882	50.0	50.0	
122 1-Chlorohexane	91	10.954	10.947	0.007	98	2748444	300.0	279.1	
132 Chlorobenzene	112	10.961	10.961	0.000	95	5734797	300.0	287.8	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	97	2264460	300.0	304.9	
135 Ethylbenzene	91	11.054	11.054	0.000	98	9964900	300.0	283.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 m-Xylene & p-Xylene	106	11.176	11.176	0.000	97	7952946	600.0	575.2	
S 136 Xylenes, Total	106				0			864.6	
138 n-Butyl acrylate	55	11.462	11.462	0.000	97	4836276	299.9	285.3	
139 o-Xylene	106	11.512	11.505	0.007	96	4183833	300.0	289.4	
140 Styrene	104	11.526	11.526	0.000	94	6617652	300.0	292.0	
141 Bromoform	173	11.683	11.684	-0.001	96	1716303	300.0	335.0	
142 Isopropylbenzene	105	11.819	11.819	0.000	96	9762343	300.0	281.2	
\$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.962	0.000	88	517333	50.0	50.7	
147 1,1,2,2-Tetrachloroethane	83	12.062	12.063	-0.001	93	3901606	300.0	284.2	
149 Bromobenzene	156	12.077	12.077	0.000	97	2590257	300.0	287.3	
148 trans-1,4-Dichloro-2-butene	53	12.091	12.084	0.007	92	2845182	750.0	738.3	
150 1,2,3-Trichloropropane	110	12.105	12.105	0.000	82	1135105	300.0	278.4	
151 N-Propylbenzene	91	12.155	12.148	0.007	98	11954574	300.0	264.9	
152 2-Chlorotoluene	126	12.227	12.227	0.000	97	2693294	300.0	283.4	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	95	9878024	300.0	279.3	
154 4-Chlorotoluene	126	12.320	12.320	0.000	97	2661617	300.0	290.0	
156 tert-Butylbenzene	134	12.534	12.534	0.000	93	2073285	300.0	306.5	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	97	9988186	300.0	274.2	
159 sec-Butylbenzene	105	12.699	12.699	0.000	95	12140375	300.0	269.8	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	97	5132174	300.0	277.1	
161 4-Isopropyltoluene	119	12.813	12.813	0.000	96	10825727	300.0	275.1	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	96	610361	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.878	12.871	0.008	92	5217560	300.0	273.3	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	98	10851467	300.0	274.3	
168 Benzyl chloride	91	12.949	12.942	0.007	98	8108258	300.0	296.2	
169 1,3-Diethylbenzene	119	13.013	13.014	-0.001	94	6512200	300.0	281.5	
170 p-Diethylbenzene	119	13.085	13.085	0.000	93	6878106	300.0	279.7	
171 n-Butylbenzene	92	13.106	13.106	0.000	96	5527678	300.0	280.1	
172 1,2-Dichlorobenzene	146	13.128	13.128	0.000	97	5449968	300.0	275.7	
173 o-diethylbenzene	119	13.156	13.157	-0.001	95	5877345	300.0	286.3	
176 1,2-Dibromo-3-Chloropropane	75	13.678	13.671	0.007	87	1253313	300.0	285.9	
177 1,3,5-Trichlorobenzene	180	13.814	13.807	0.007	98	4286679	300.0	265.1	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	95	4138494	300.0	248.3	
179 2-Ethylhexyl acrylate	55	14.293	14.293	0.000	79	4823325	299.8	268.0	
180 Hexachlorobutadiene	225	14.322	14.322	0.000	98	1658790	300.0	236.5	
181 Naphthalene	128	14.408	14.408	0.000	99	13571170	300.0	211.9	e
182 1,2,3-Trichlorobenzene	180	14.558	14.551	0.007	96	4128986	300.0	236.8	
183 2-Methylnaphthalene	142	15.159	15.159	-0.001	91	7958825	300.0	214.2	
S 235 Total Diethylbenzene	1				0			847.5	

QC Flag Legend

Processing Flags

e - Potential Peak Saturated

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00241	Amount Added: 15.00	Units: uL	
MSV_CCV_VOC#3_00242	Amount Added: 12.00	Units: uL	
MSV_CCV_2CEVE_00233	Amount Added: 15.00	Units: uL	
MSV_CCV_GASES_01062	Amount Added: 7.50	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added: 15.00	Units: uL	
MSV_HP20_ISSS_00151	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 30-Jun-2025 14:27:03

Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X12.D

Injection Date: 27-Jun-2025 16:57:30

Instrument ID: 9355

Operator ID: kas02648

Lims ID: IC v300

Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

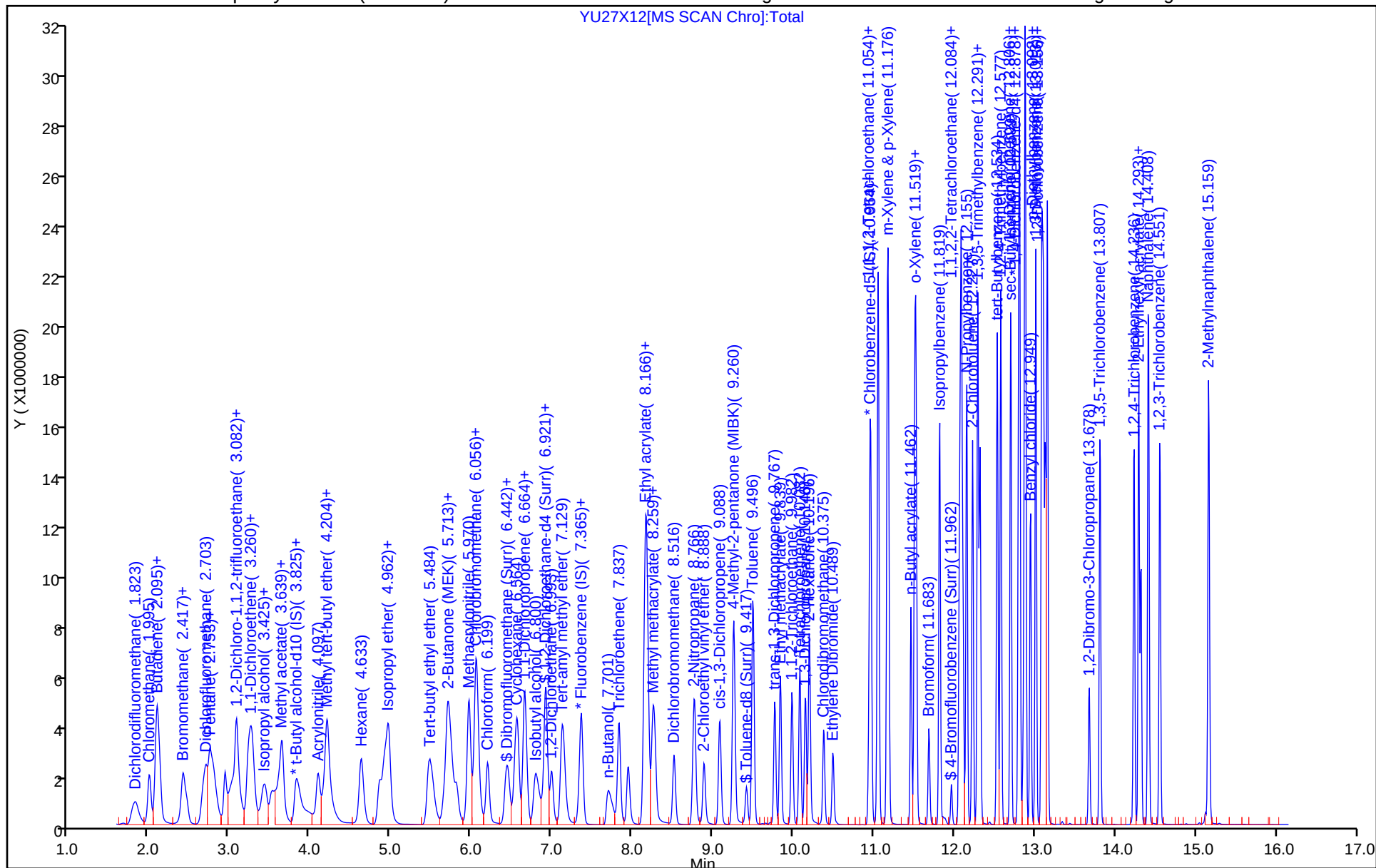
ALS Bottle#: 12

Method: MSVoa_9355

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

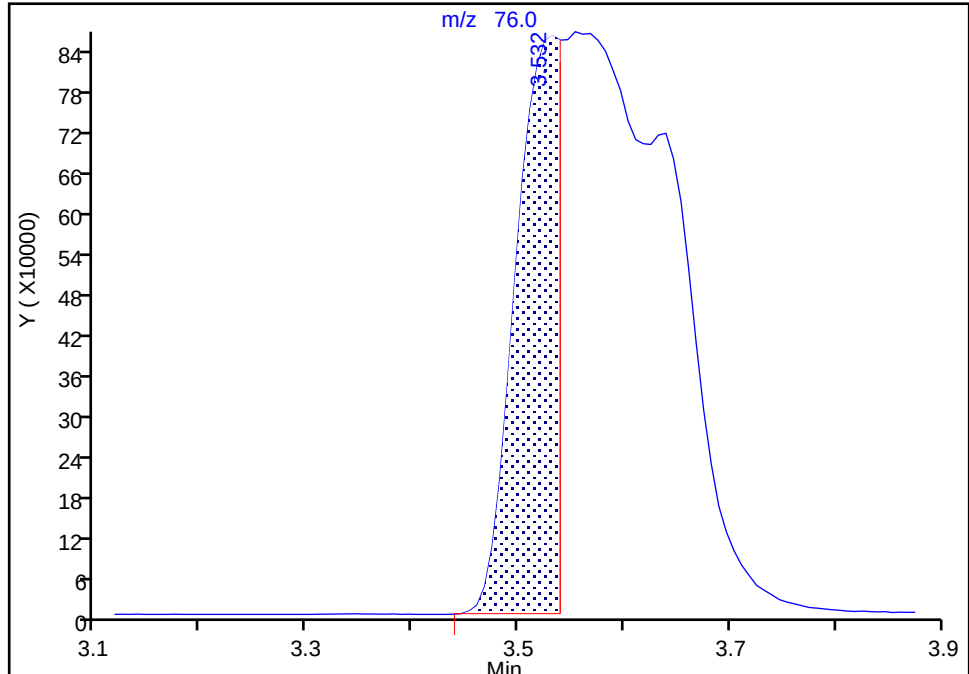
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Injection Date: 27-Jun-2025 16:57:30 Instrument ID: 9355
Lims ID: IC v300
Client ID:
Operator ID: kas02648 ALS Bottle#: 12 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

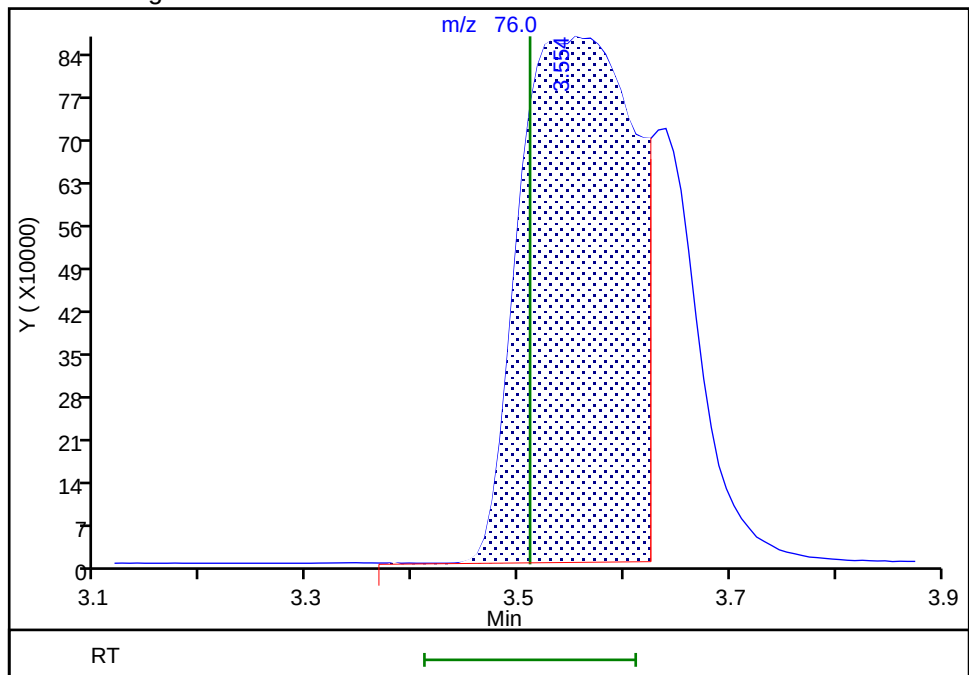
RT: 3.53
Area: 2568139
Amount: 140.9862
Amount Units: ug/l

Processing Integration Results



RT: 3.55
Area: 6659804
Amount: 314.8068
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 18:42:01 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

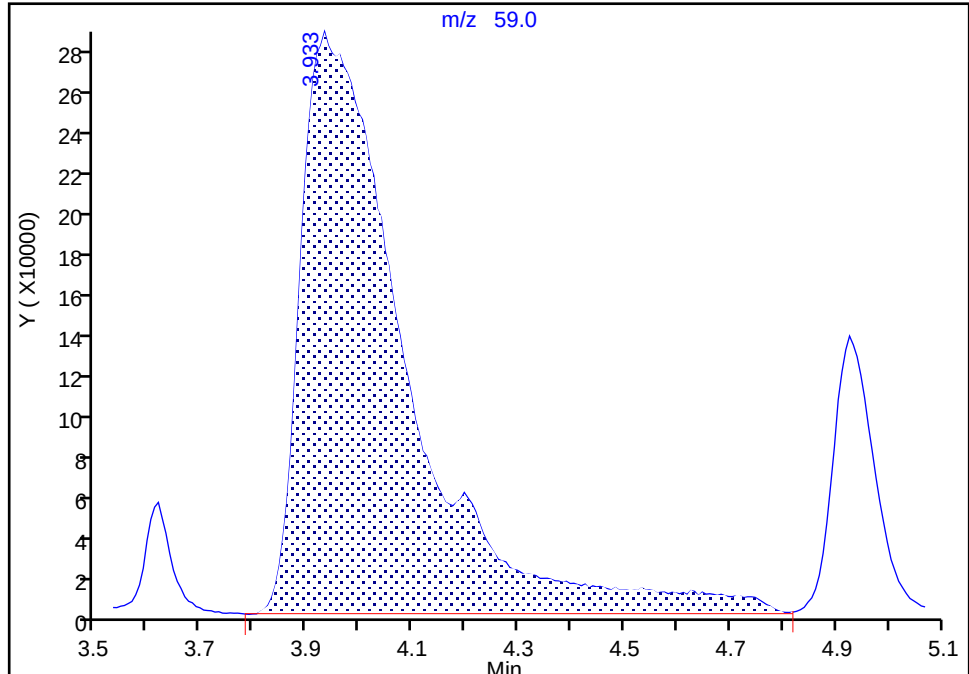
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Injection Date: 27-Jun-2025 16:57:30 Instrument ID: 9355
Lims ID: IC v300
Client ID:
Operator ID: kas02648 ALS Bottle#: 12 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

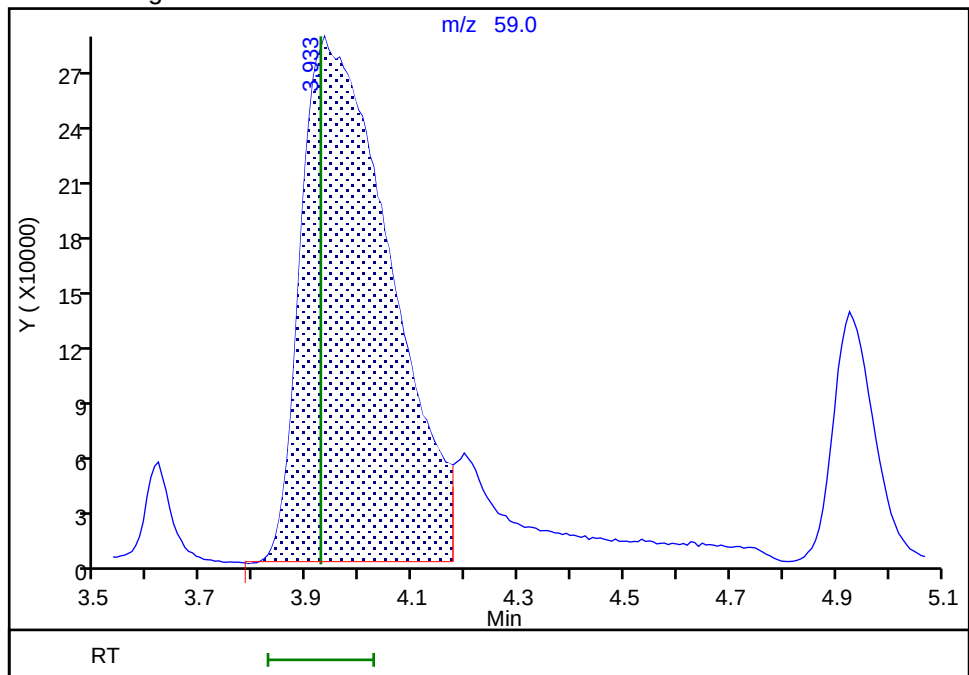
RT: 3.93
Area: 3976034
Amount: 1481.6543
Amount Units: ug/l

Processing Integration Results



RT: 3.93
Area: 3346161
Amount: 1394.6426
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 18:42:23 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

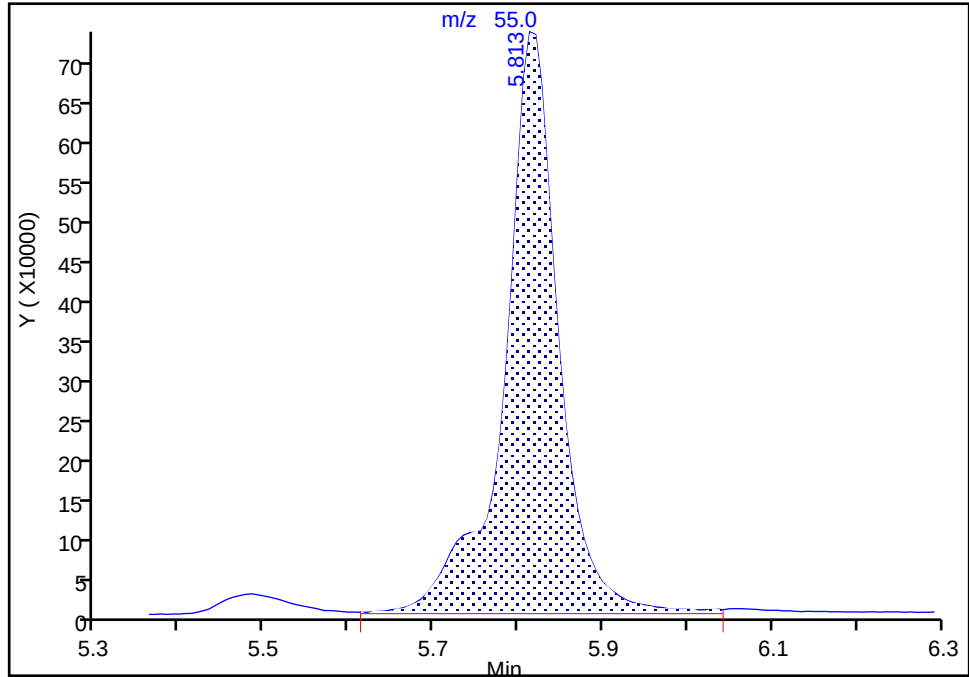
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Injection Date: 27-Jun-2025 16:57:30 Instrument ID: 9355
Lims ID: IC v300
Client ID:
Operator ID: kas02648 ALS Bottle#: 12 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

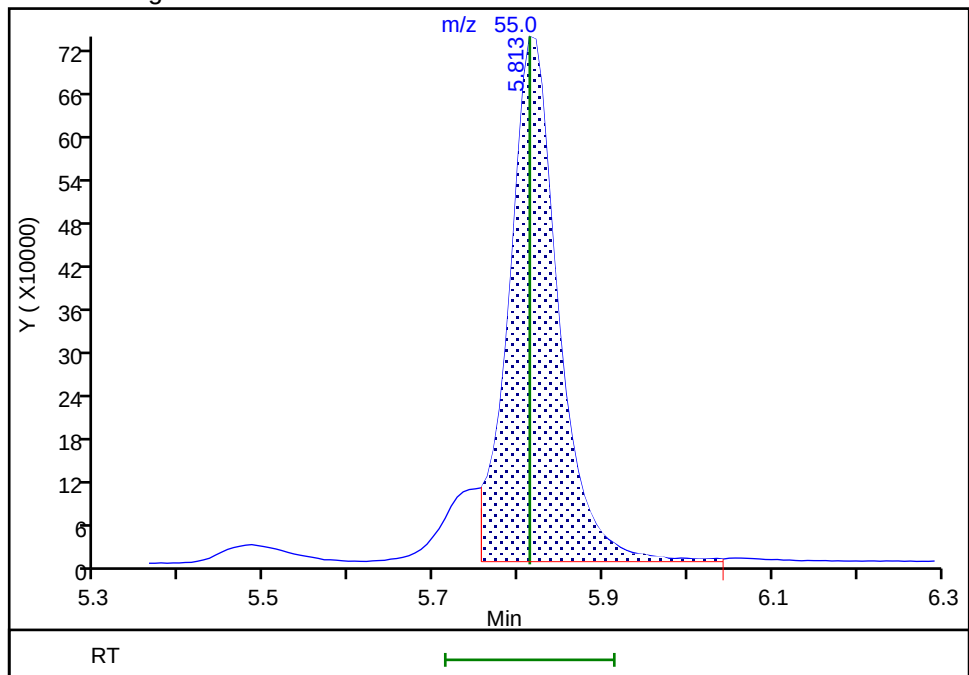
RT: 5.81
Area: 3300975
Amount: 297.2951
Amount Units: ug/l

Processing Integration Results



RT: 5.81
Area: 2995981
Amount: 311.1178
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 18:42:37 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

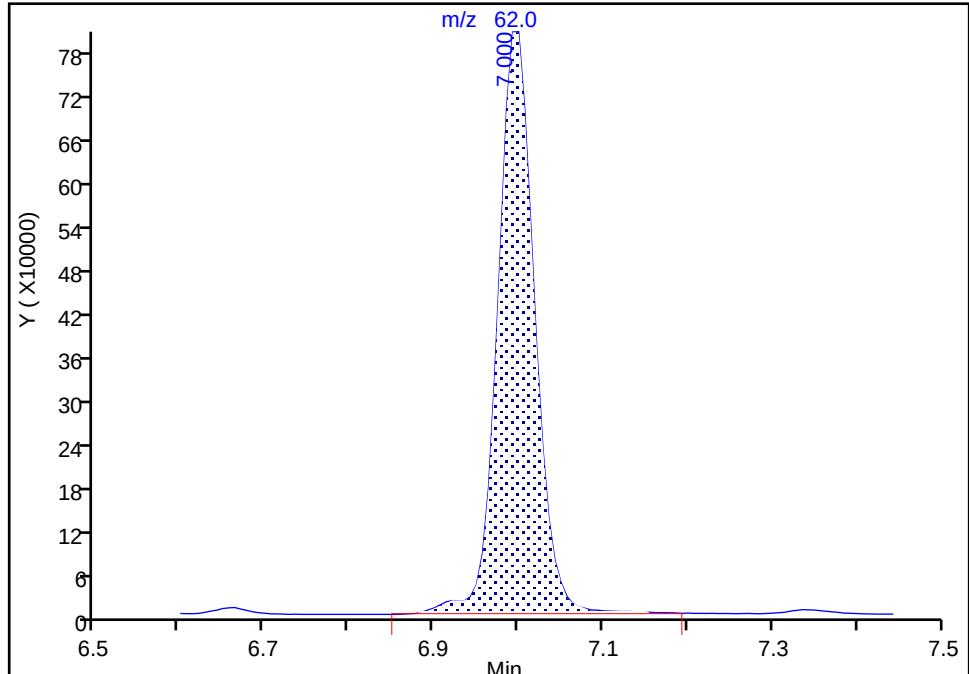
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Injection Date: 27-Jun-2025 16:57:30 Instrument ID: 9355
Lims ID: IC v300
Client ID:
Operator ID: kas02648 ALS Bottle#: 12 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

62 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

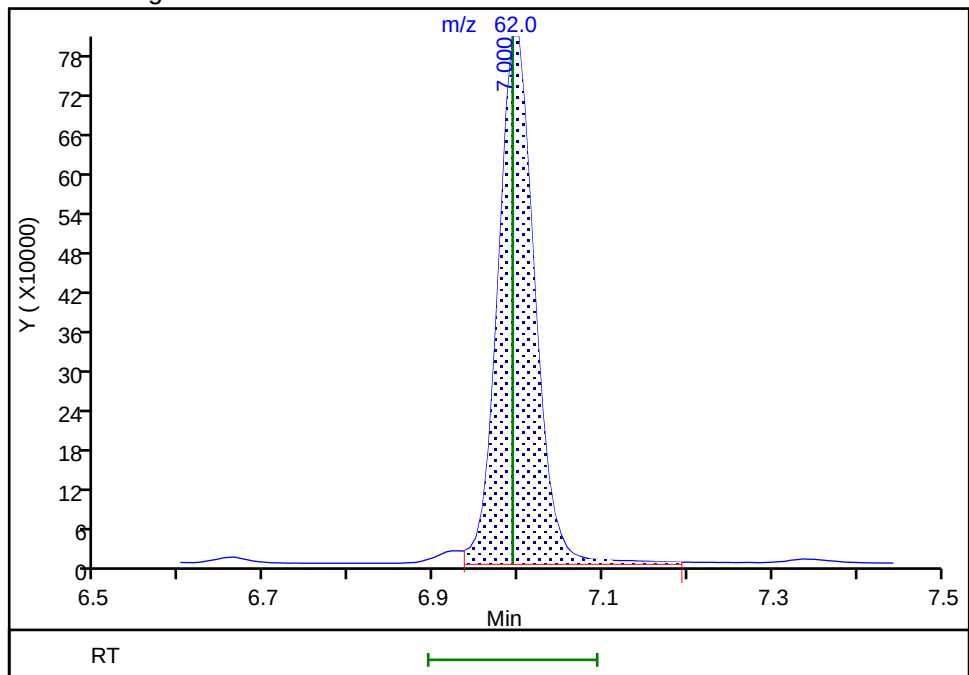
RT: 7.00
Area: 2487311
Amount: 292.0005
Amount Units: ug/l

Processing Integration Results



RT: 7.00
Area: 2449027
Amount: 289.9682
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 18:43:22 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

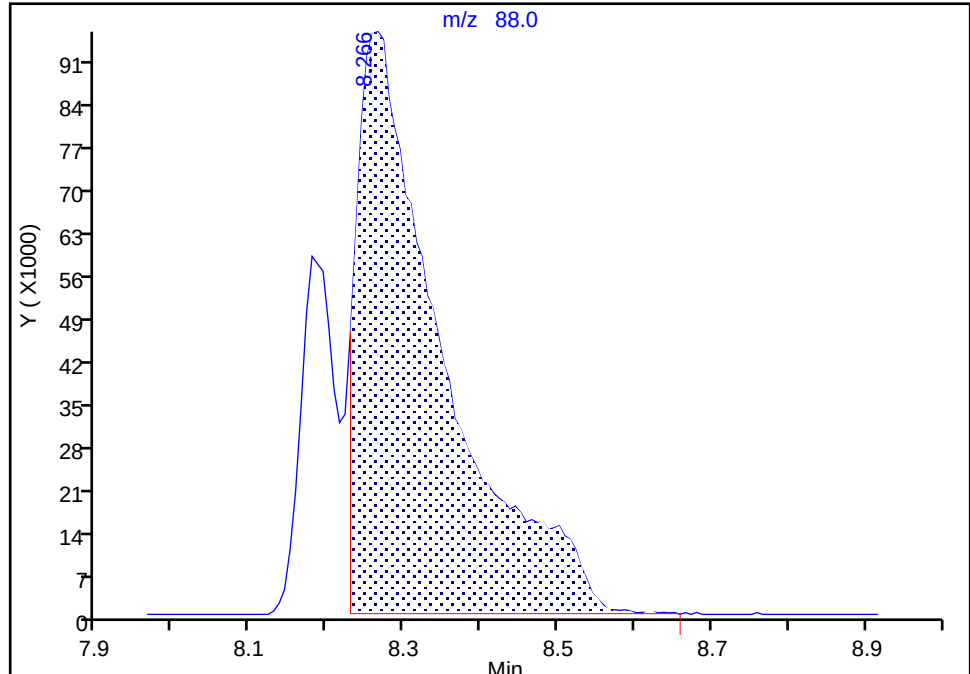
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Injection Date: 27-Jun-2025 16:57:30 Instrument ID: 9355
Lims ID: IC v300
Client ID:
Operator ID: kas02648 ALS Bottle#: 12 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

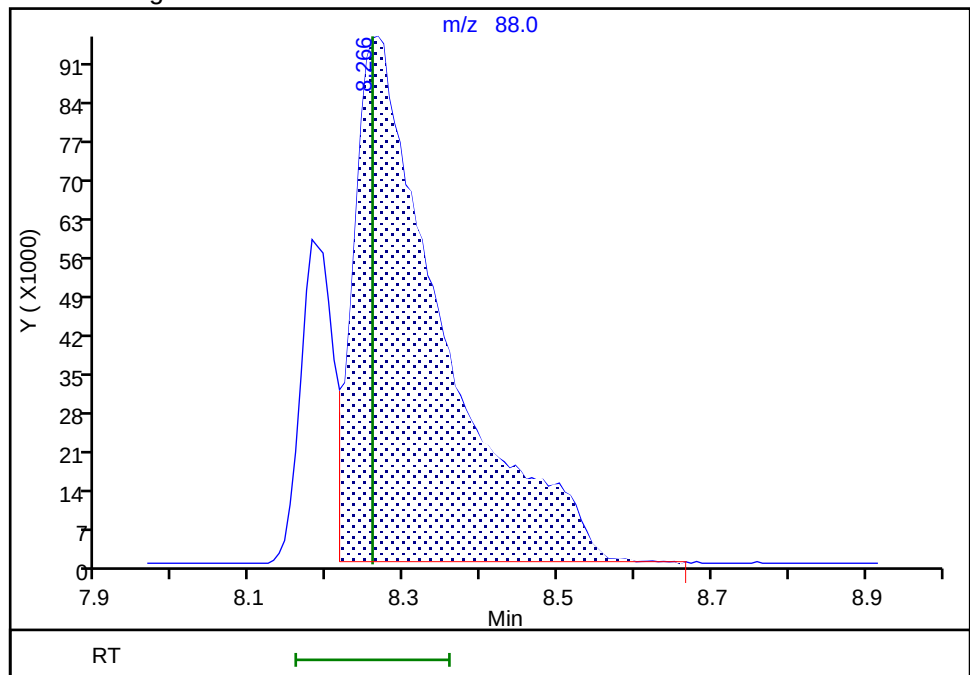
RT: 8.27
Area: 749702
Amount: 3537.0053
Amount Units: ug/l

Processing Integration Results



RT: 8.27
Area: 772702
Amount: 3788.0155
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 27-Jun-2025 18:44:19 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Calibration

/ Dichlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

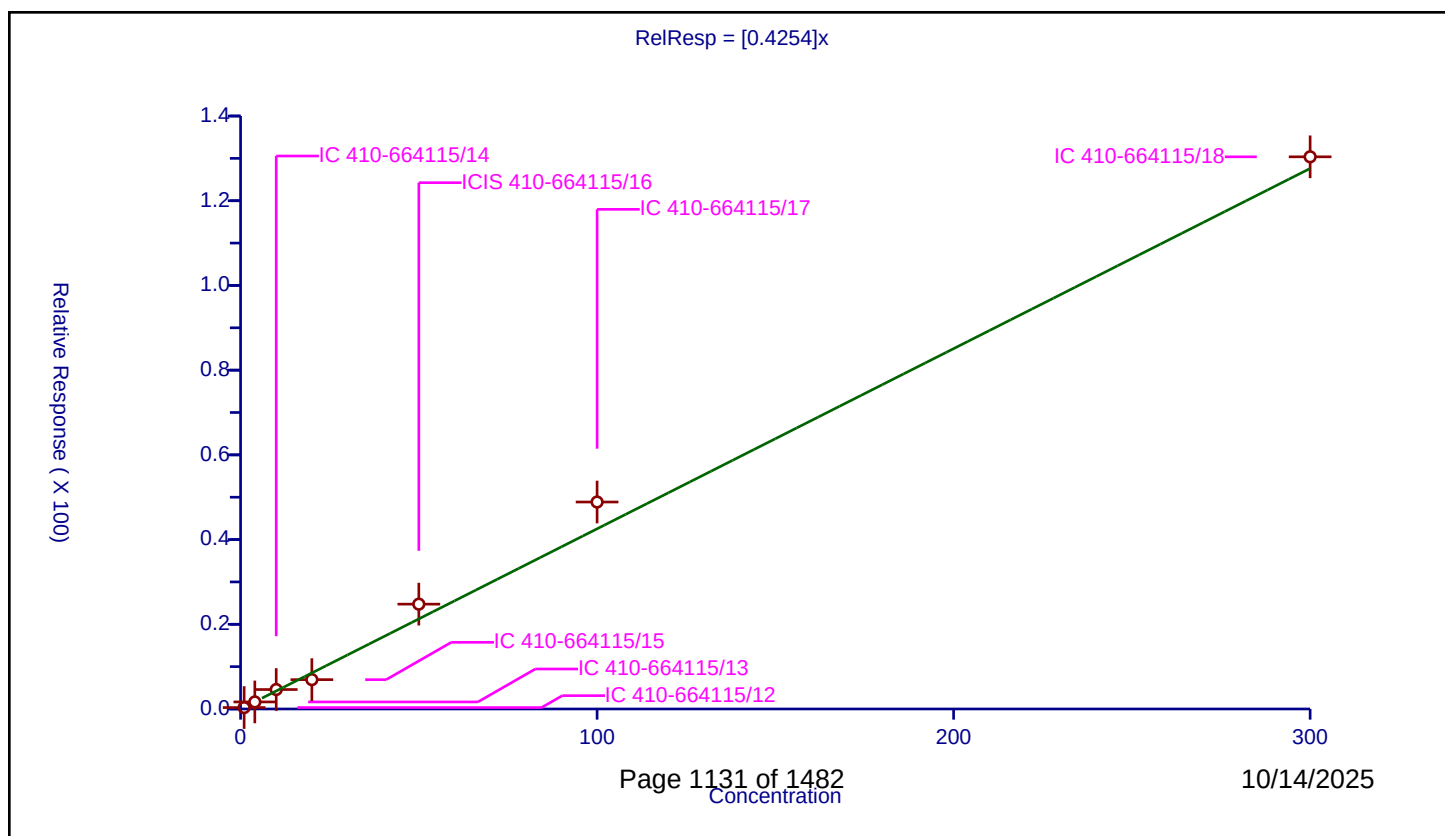
Curve Coefficients

Intercept: 0
Slope: 0.4254

Error Coefficients

Relative Standard Deviation: 14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.337712	50.0	1142543.0	0.337712	Y
2	IC 410-664115/13	4.0	1.664712	50.0	1188043.0	0.416178	Y
3	IC 410-664115/14	10.0	4.592284	50.0	1175646.0	0.459228	Y
4	IC 410-664115/15	20.0	6.927333	50.0	1196550.0	0.346367	Y
5	ICIS 410-664115/16	50.0	24.752302	50.0	1189958.0	0.495046	Y
6	IC 410-664115/17	100.0	48.862995	50.0	1215034.0	0.48863	Y
7	IC 410-664115/18	300.0	130.36949	50.0	1236216.0	0.434565	Y



Calibration

/ Chloromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

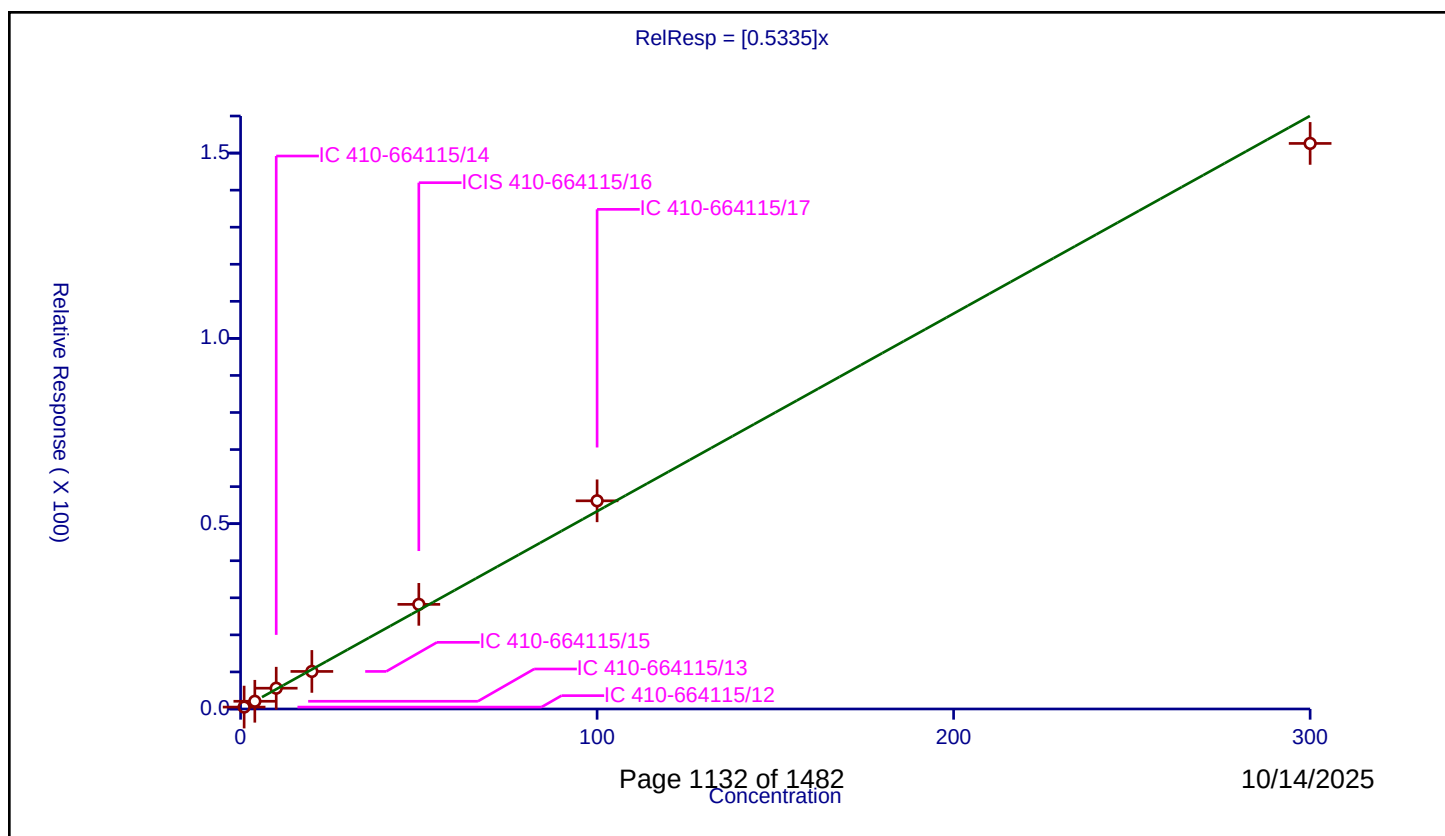
Curve Coefficients

Intercept: 0
Slope: 0.5335

Error Coefficients

Relative Standard Deviation: 5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.511666	50.0	1142543.0	0.511666	Y
2	IC 410-664115/13	4.0	2.080859	50.0	1188043.0	0.520215	Y
3	IC 410-664115/14	10.0	5.605897	50.0	1175646.0	0.56059	Y
4	IC 410-664115/15	20.0	10.135055	50.0	1196550.0	0.506753	Y
5	ICIS 410-664115/16	50.0	28.233097	50.0	1189958.0	0.564662	Y
6	IC 410-664115/17	100.0	56.171885	50.0	1215034.0	0.561719	Y
7	IC 410-664115/18	300.0	152.600516	50.0	1236216.0	0.508668	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

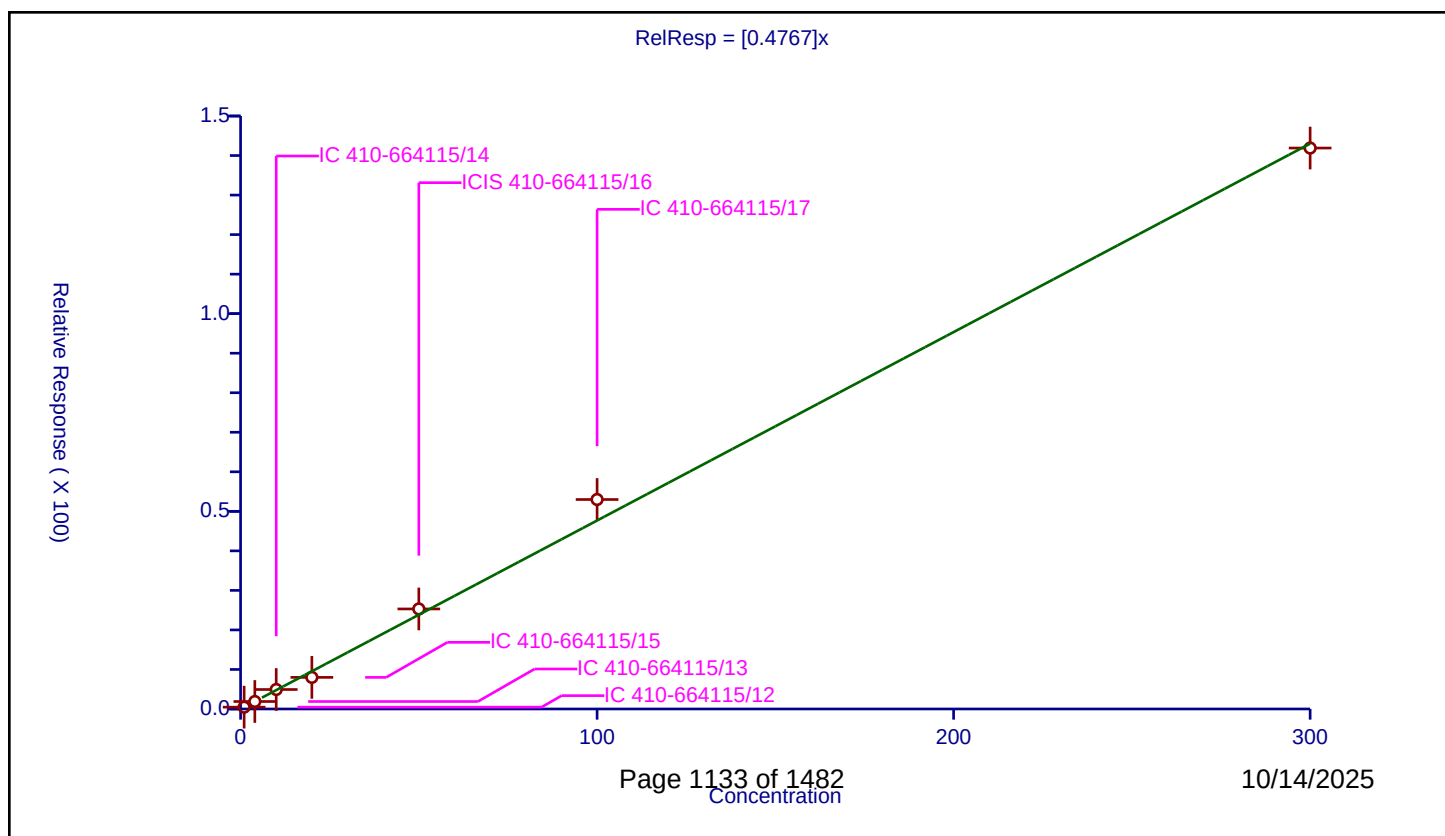
Curve Coefficients

Intercept: 0
Slope: 0.4767

Error Coefficients

Relative Standard Deviation: 8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.461821	50.0	1142543.0	0.461821	Y
2	IC 410-664115/13	4.0	1.895049	50.0	1188043.0	0.473762	Y
3	IC 410-664115/14	10.0	4.926526	50.0	1175646.0	0.492653	Y
4	IC 410-664115/15	20.0	7.993774	50.0	1196550.0	0.399689	Y
5	ICIS 410-664115/16	50.0	25.304002	50.0	1189958.0	0.50608	Y
6	IC 410-664115/17	100.0	52.993208	50.0	1215034.0	0.529932	Y
7	IC 410-664115/18	300.0	141.898018	50.0	1236216.0	0.472993	Y



Calibration

/ Vinyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

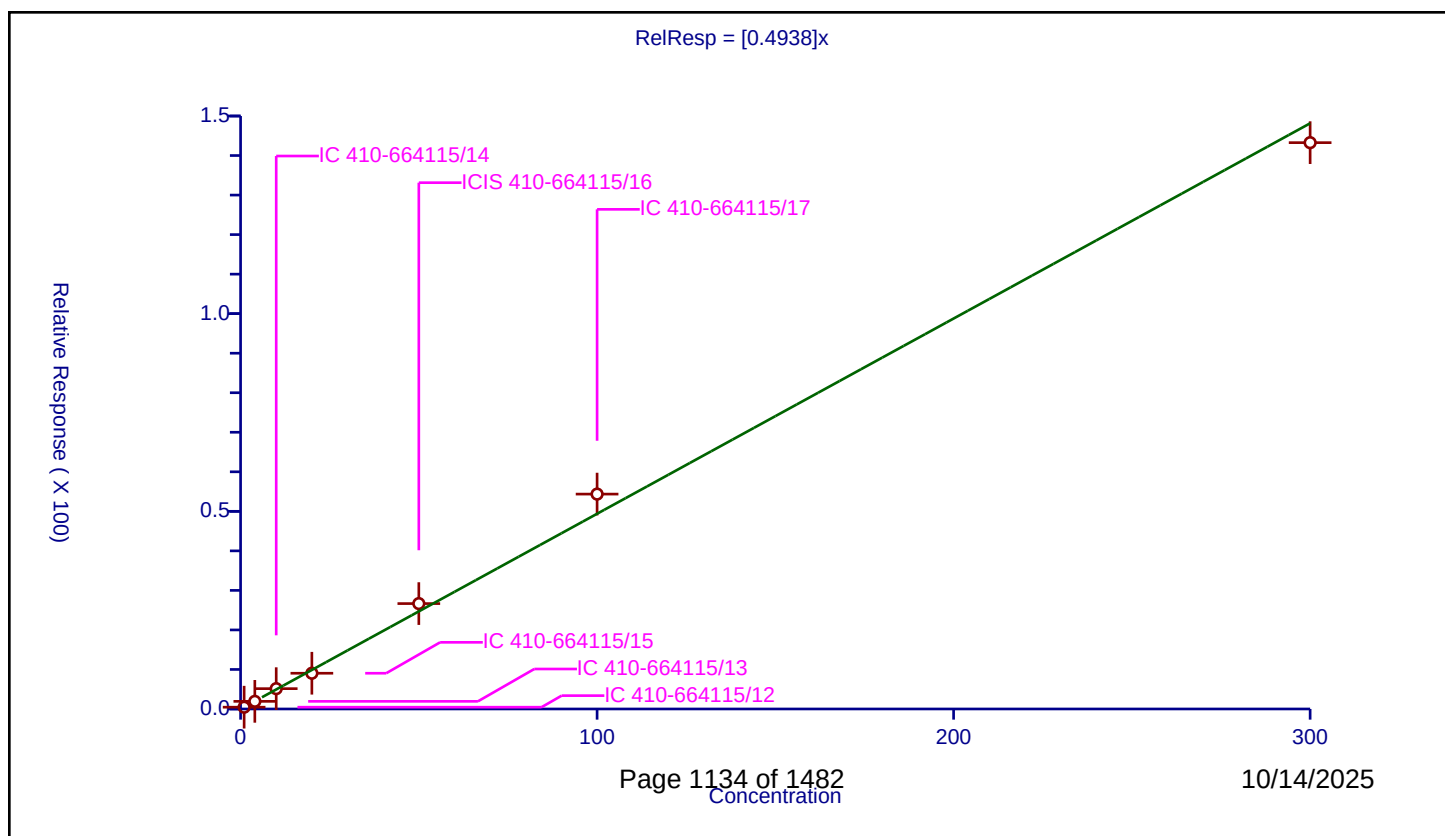
Curve Coefficients

Intercept: 0
Slope: 0.4938

Error Coefficients

Relative Standard Deviation: 7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.452587	50.0	1142543.0	0.452587	Y
2	IC 410-664115/13	4.0	1.933979	50.0	1188043.0	0.483495	Y
3	IC 410-664115/14	10.0	5.142534	50.0	1175646.0	0.514253	Y
4	IC 410-664115/15	20.0	9.042664	50.0	1196550.0	0.452133	Y
5	ICIS 410-664115/16	50.0	26.662286	50.0	1189958.0	0.533246	Y
6	IC 410-664115/17	100.0	54.361113	50.0	1215034.0	0.543611	Y
7	IC 410-664115/18	300.0	143.260442	50.0	1236216.0	0.477535	Y



Calibration

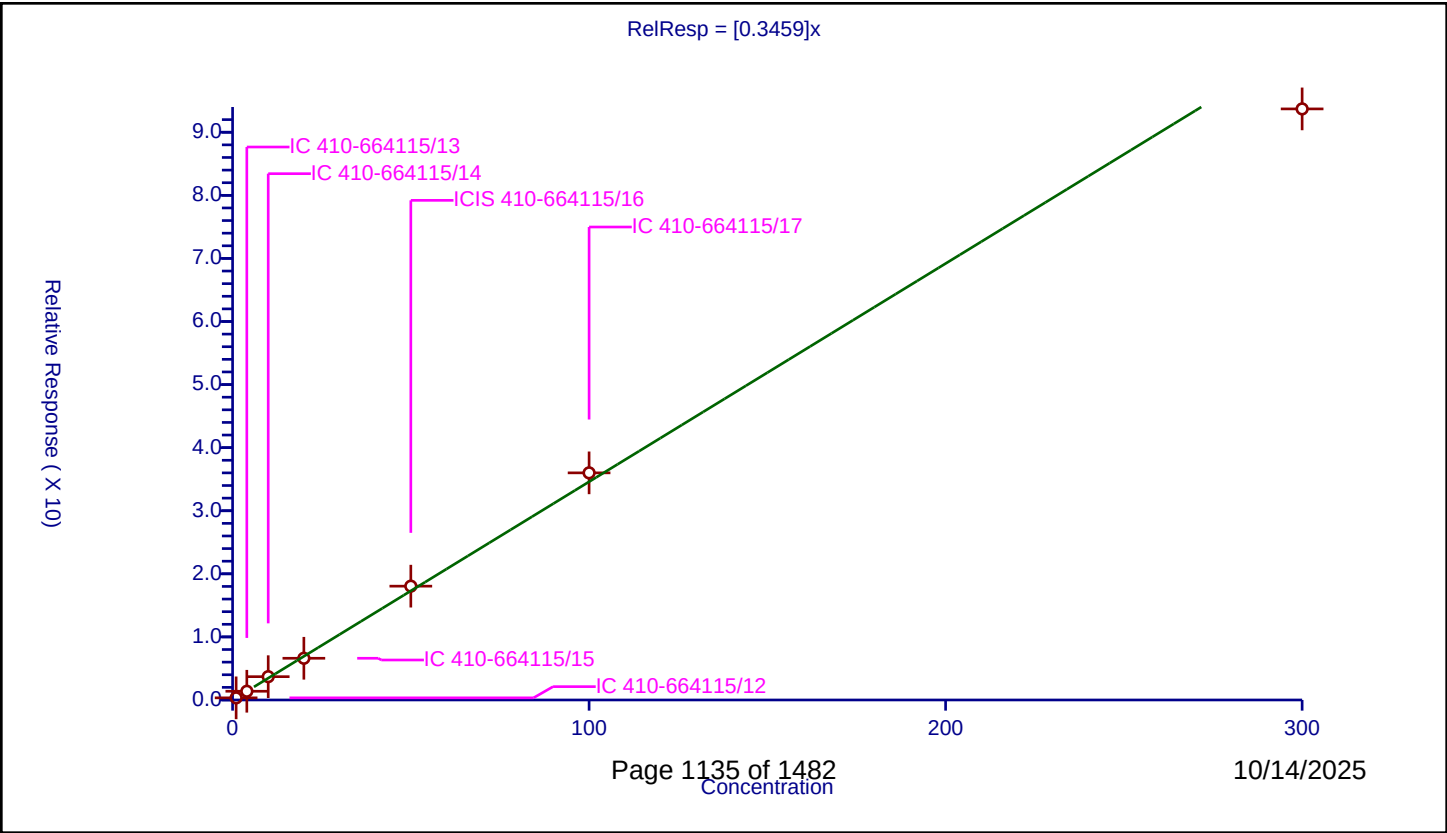
/ Bromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3459
Error Coefficients	

Relative Standard Deviation: 5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.3413	50.0	1142543.0	0.3413	Y
2	IC 410-664115/13	4.0	1.385893	50.0	1188043.0	0.346473	Y
3	IC 410-664115/14	10.0	3.698307	50.0	1175646.0	0.369831	Y
4	IC 410-664115/15	20.0	6.61435	50.0	1196550.0	0.330717	Y
5	ICIS 410-664115/16	50.0	18.045679	50.0	1189958.0	0.360914	Y
6	IC 410-664115/17	100.0	36.004754	50.0	1215034.0	0.360048	Y
7	IC 410-664115/18	300.0	93.700009	50.0	1236216.0	0.312333	Y



Calibration

/ Chloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

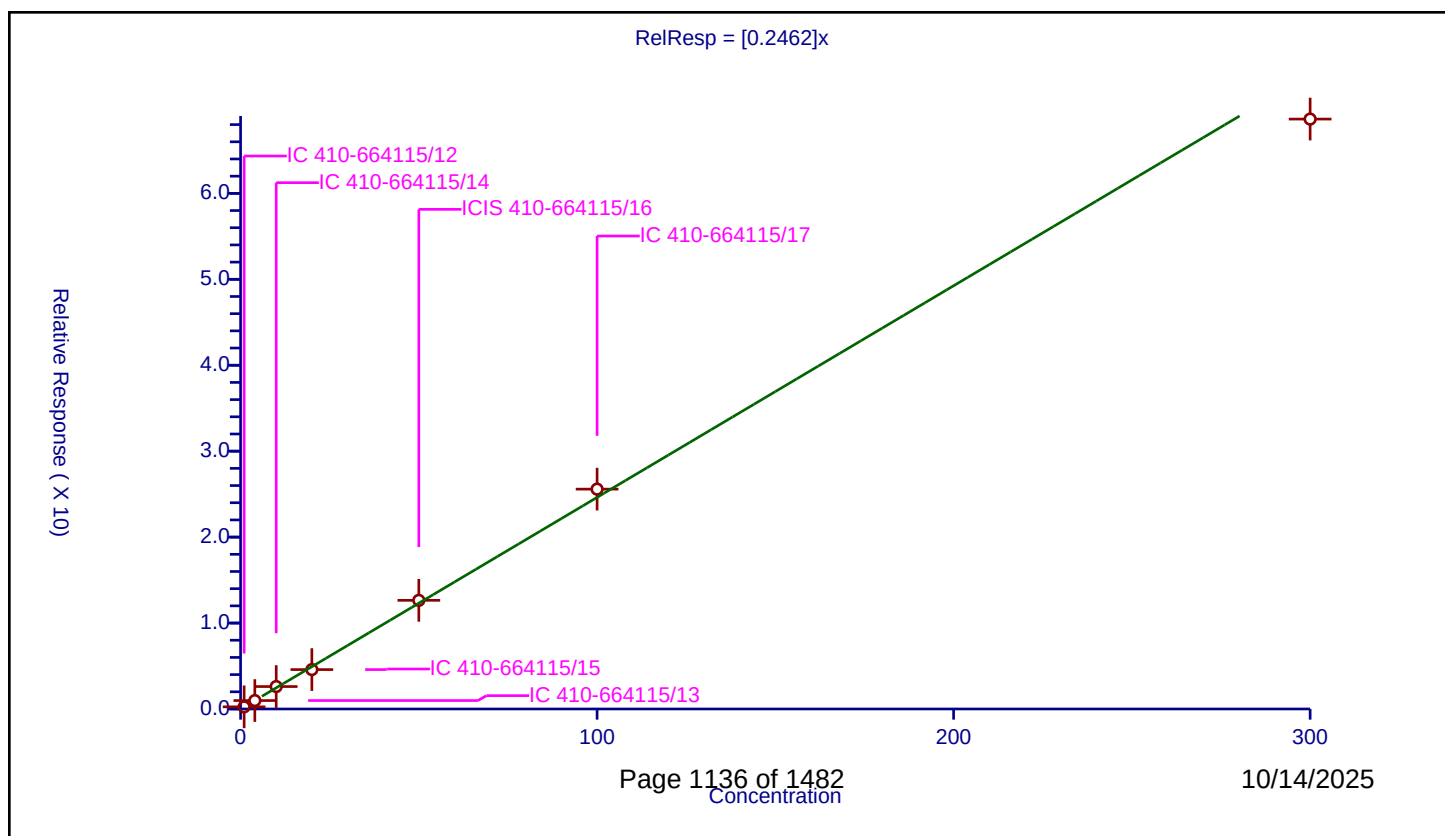
Curve Coefficients

Intercept: 0
Slope: 0.2462

Error Coefficients

Relative Standard Deviation: 5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.250713	50.0	1142543.0	0.250713	Y
2	IC 410-664115/13	4.0	0.98052	50.0	1188043.0	0.24513	Y
3	IC 410-664115/14	10.0	2.610139	50.0	1175646.0	0.261014	Y
4	IC 410-664115/15	20.0	4.586143	50.0	1196550.0	0.229307	Y
5	ICIS 410-664115/16	50.0	12.642421	50.0	1189958.0	0.252848	Y
6	IC 410-664115/17	100.0	25.5827	50.0	1215034.0	0.255827	Y
7	IC 410-664115/18	300.0	68.642939	50.0	1236216.0	0.22881	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

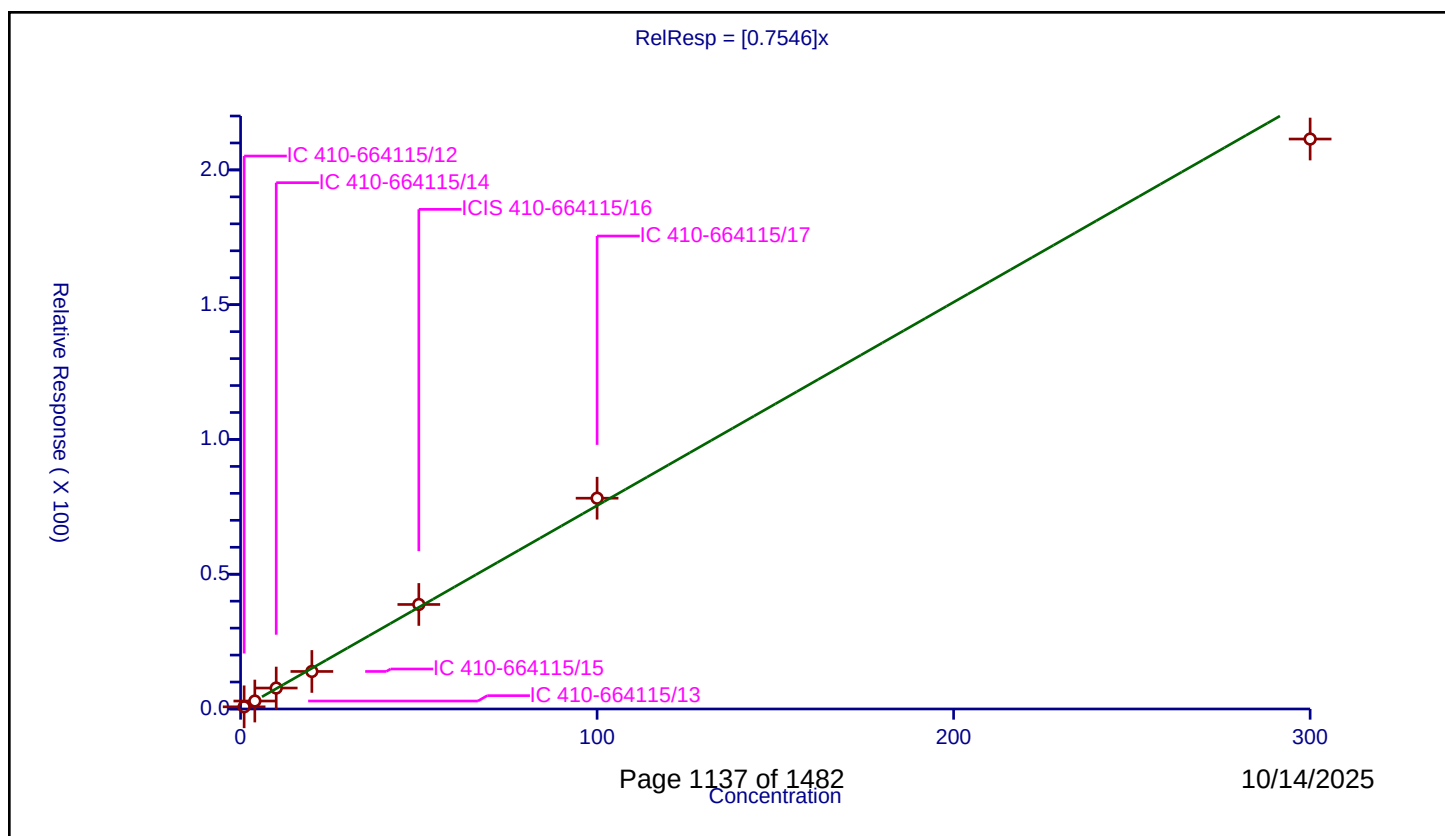
Curve Coefficients

Intercept: 0
Slope: 0.7546

Error Coefficients

Relative Standard Deviation: 5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.807541	50.0	1142543.0	0.807541	Y
2	IC 410-664115/13	4.0	2.957974	50.0	1188043.0	0.739493	Y
3	IC 410-664115/14	10.0	7.767432	50.0	1175646.0	0.776743	Y
4	IC 410-664115/15	20.0	13.921942	50.0	1196550.0	0.696097	Y
5	ICIS 410-664115/16	50.0	38.777293	50.0	1189958.0	0.775546	Y
6	IC 410-664115/17	100.0	78.206824	50.0	1215034.0	0.782068	Y
7	IC 410-664115/18	300.0	211.457868	50.0	1236216.0	0.70486	Y



Calibration

/ Pentane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

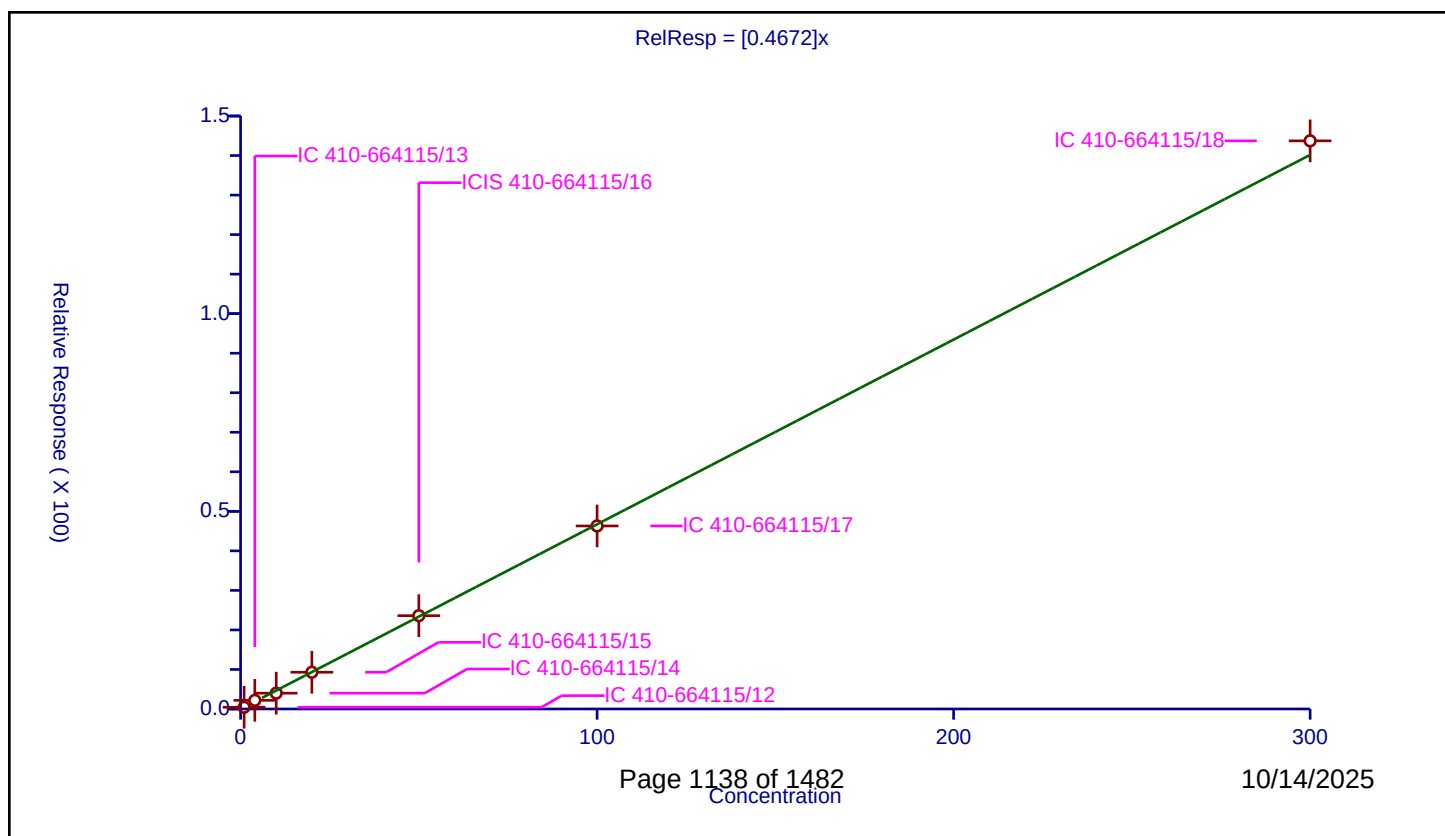
Curve Coefficients

Intercept: 0
Slope: 0.4672

Error Coefficients

Relative Standard Deviation: 9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.444228	50.0	1142543.0	0.444228	Y
2	IC 410-664115/13	4.0	2.186916	50.0	1188043.0	0.546729	Y
3	IC 410-664115/14	10.0	4.005117	50.0	1175646.0	0.400512	Y
4	IC 410-664115/15	20.0	9.296812	50.0	1196550.0	0.464841	Y
5	ICIS 410-664115/16	50.0	23.603942	50.0	1189958.0	0.472079	Y
6	IC 410-664115/17	100.0	46.296853	50.0	1215034.0	0.462969	Y
7	IC 410-664115/18	300.0	143.721526	50.0	1236216.0	0.479072	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

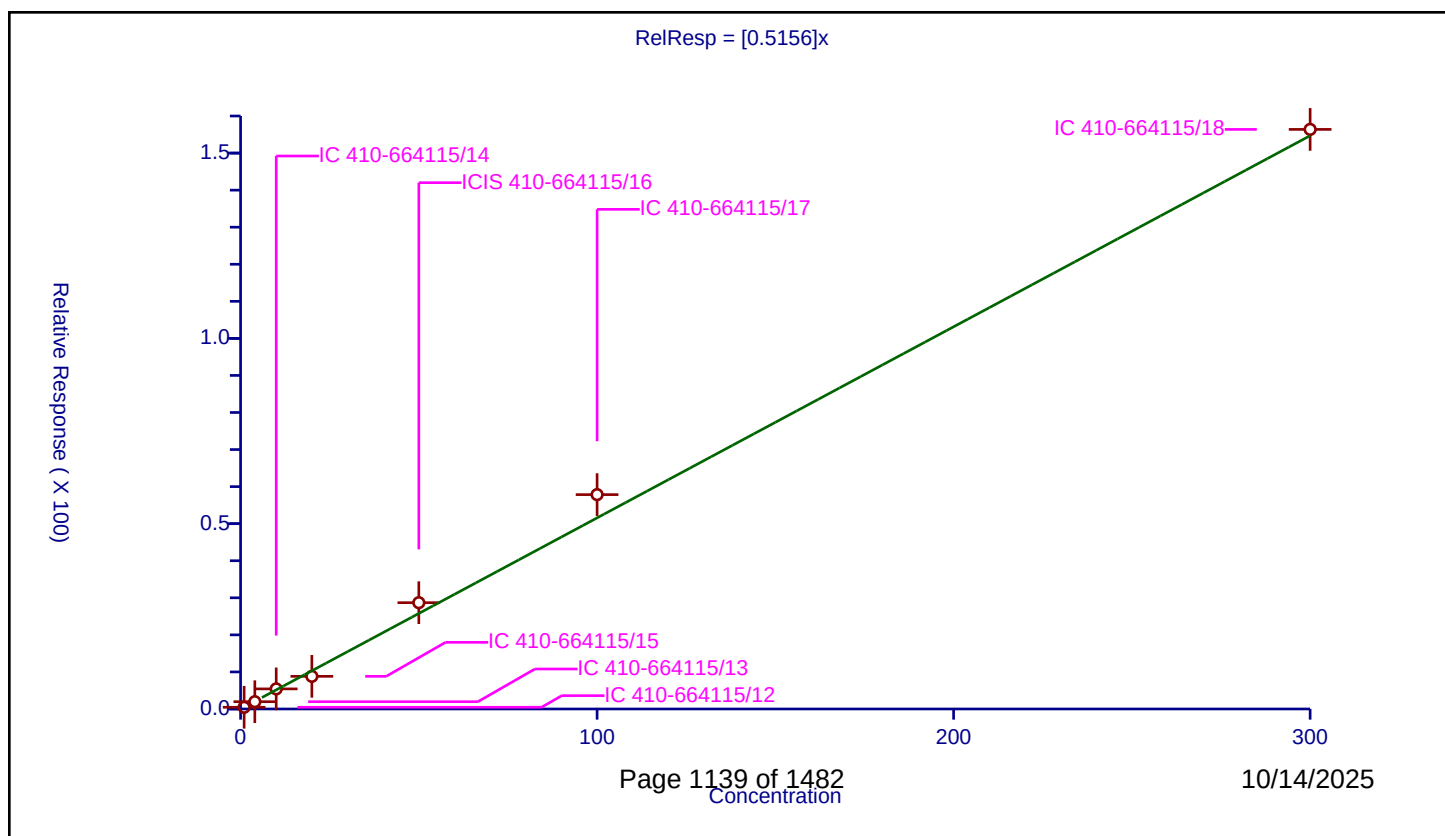
Curve Coefficients

Intercept: 0
Slope: 0.5156

Error Coefficients

Relative Standard Deviation: 10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.461558	50.0	1142543.0	0.461558	Y
2	IC 410-664115/13	4.0	1.967185	50.0	1188043.0	0.491796	Y
3	IC 410-664115/14	10.0	5.422168	50.0	1175646.0	0.542217	Y
4	IC 410-664115/15	20.0	8.809619	50.0	1196550.0	0.440481	Y
5	ICIS 410-664115/16	50.0	28.68387	50.0	1189958.0	0.573677	Y
6	IC 410-664115/17	100.0	57.842455	50.0	1215034.0	0.578425	Y
7	IC 410-664115/18	300.0	156.385171	50.0	1236216.0	0.521284	Y



Calibration

/ 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

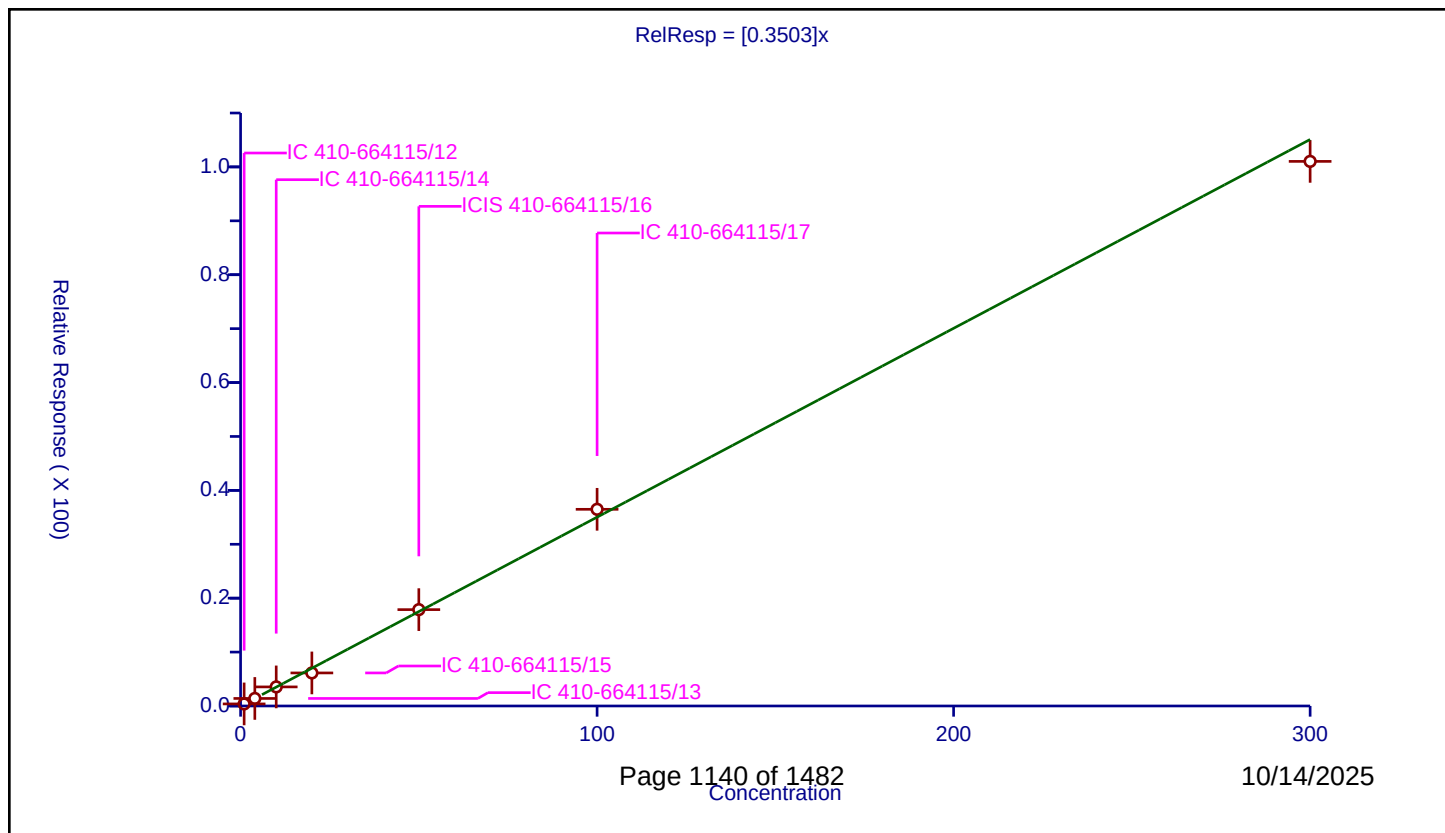
Curve Coefficients

Intercept: 0
Slope: 0.3503

Error Coefficients

Relative Standard Deviation: 6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.38318	50.0	1142543.0	0.38318	Y
2	IC 410-664115/13	4.0	1.397929	50.0	1188043.0	0.349482	Y
3	IC 410-664115/14	10.0	3.538863	50.0	1175646.0	0.353886	Y
4	IC 410-664115/15	20.0	6.129121	50.0	1196550.0	0.306456	Y
5	ICIS 410-664115/16	50.0	17.873446	50.0	1189958.0	0.357469	Y
6	IC 410-664115/17	100.0	36.487333	50.0	1215034.0	0.364873	Y
7	IC 410-664115/18	300.0	101.02838	50.0	1236216.0	0.336761	Y



Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

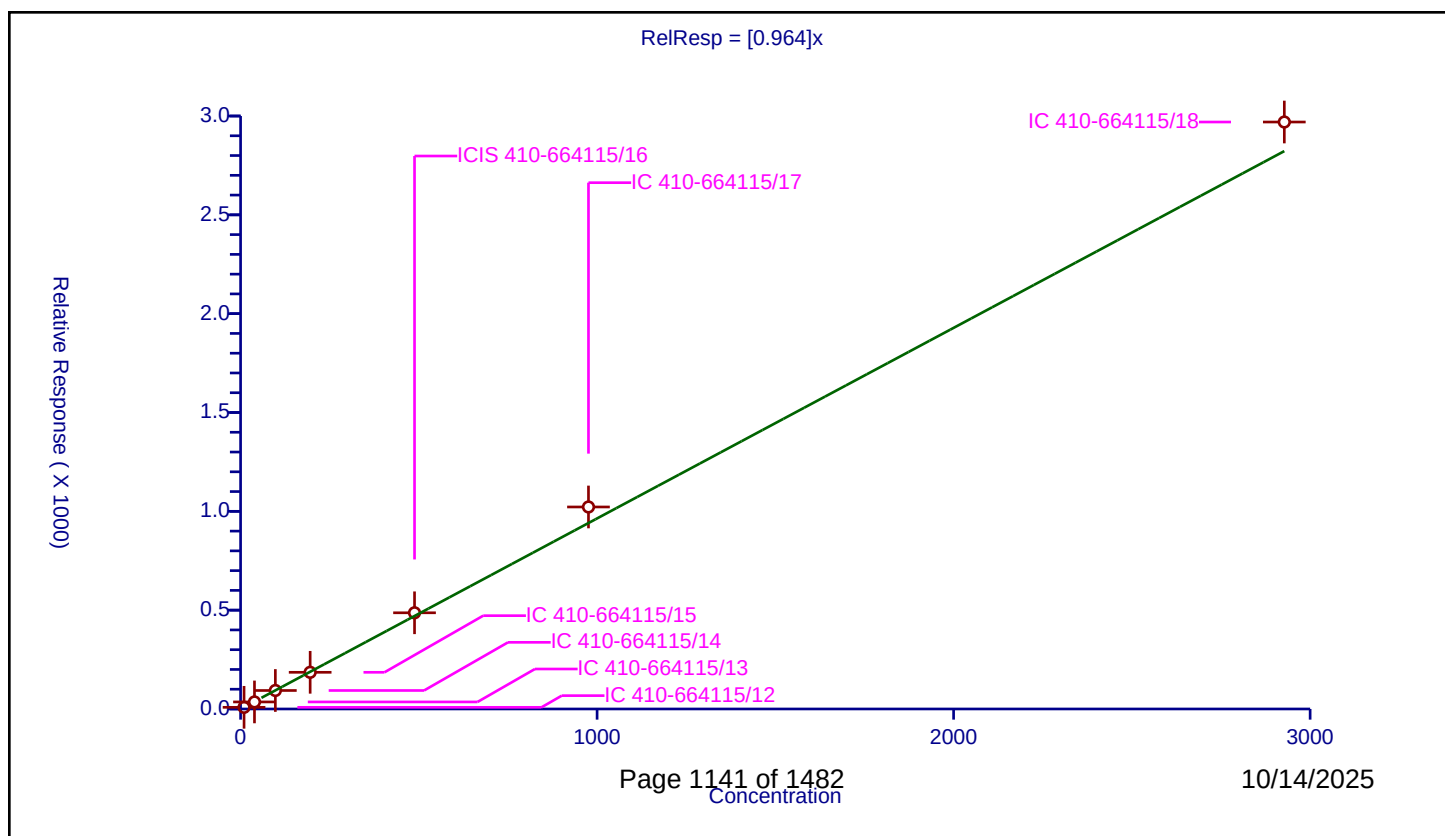
Curve Coefficients

Intercept: 0
Slope: 0.964

Error Coefficients

Relative Standard Deviation: 6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	9.758805	8.435938	250.0	581115.0	0.864444	Y
2	IC 410-664115/13	39.03522	35.737398	250.0	579470.0	0.915517	Y
3	IC 410-664115/14	97.588049	93.551141	250.0	595113.0	0.958633	Y
4	IC 410-664115/15	195.176098	185.530625	250.0	595430.0	0.950581	Y
5	ICIS 410-664115/16	487.940246	486.73309	250.0	588645.0	0.997526	Y
6	IC 410-664115/17	975.880491	1022.038189	250.0	588331.0	1.047299	Y
7	IC 410-664115/18	2927.641474	2969.637789	250.0	595510.0	1.014345	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

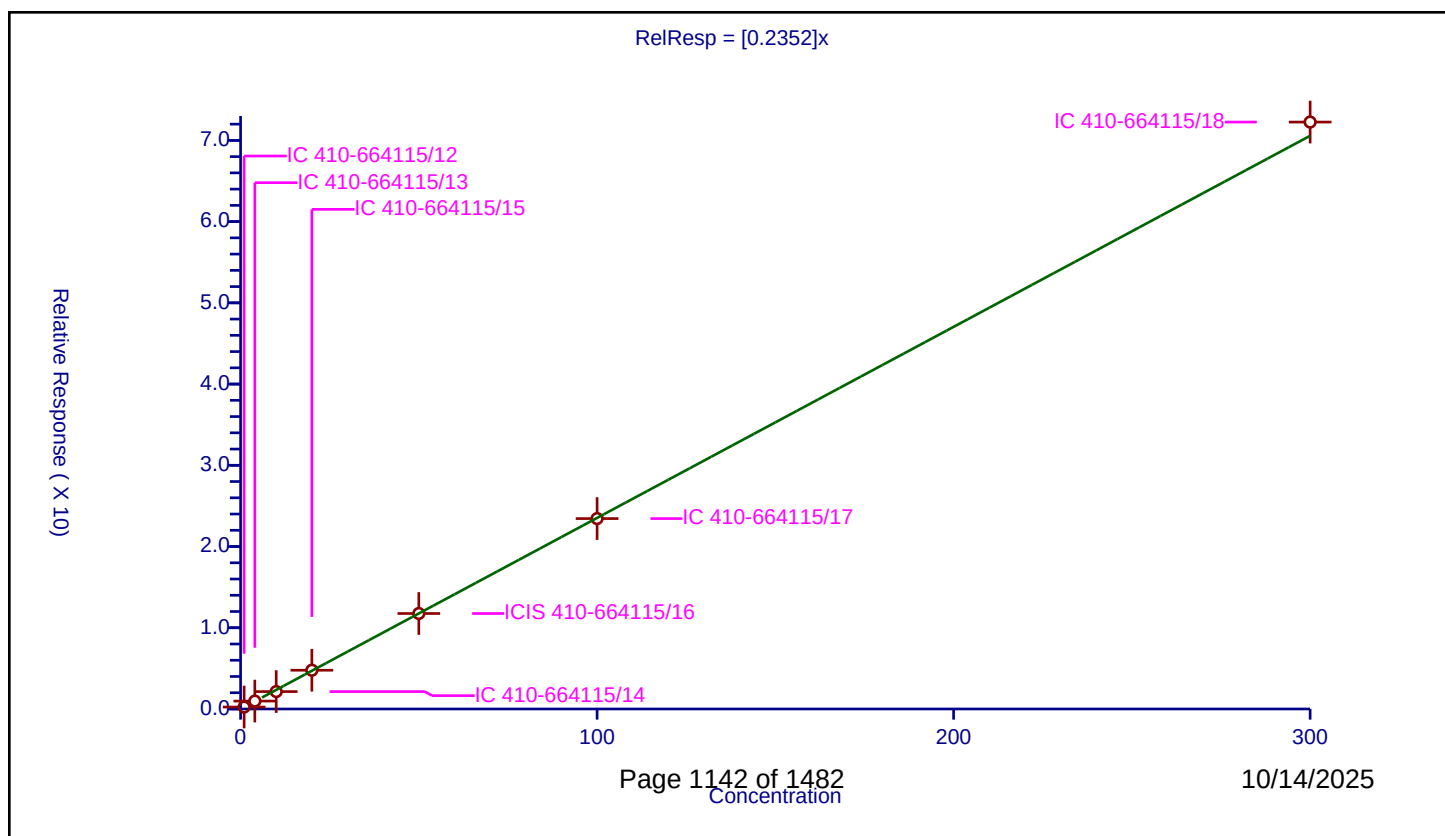
Curve Coefficients

Intercept: 0
Slope: 0.2352

Error Coefficients

Relative Standard Deviation: 4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.239903	50.0	1142543.0	0.239903	Y
2	IC 410-664115/13	4.0	0.973576	50.0	1188043.0	0.243394	Y
3	IC 410-664115/14	10.0	2.142737	50.0	1175646.0	0.214274	Y
4	IC 410-664115/15	20.0	4.771259	50.0	1196550.0	0.238563	Y
5	ICIS 410-664115/16	50.0	11.755583	50.0	1189958.0	0.235112	Y
6	IC 410-664115/17	100.0	23.441978	50.0	1215034.0	0.23442	Y
7	IC 410-664115/18	300.0	72.255658	50.0	1236216.0	0.240852	Y



Calibration

/ Acetone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

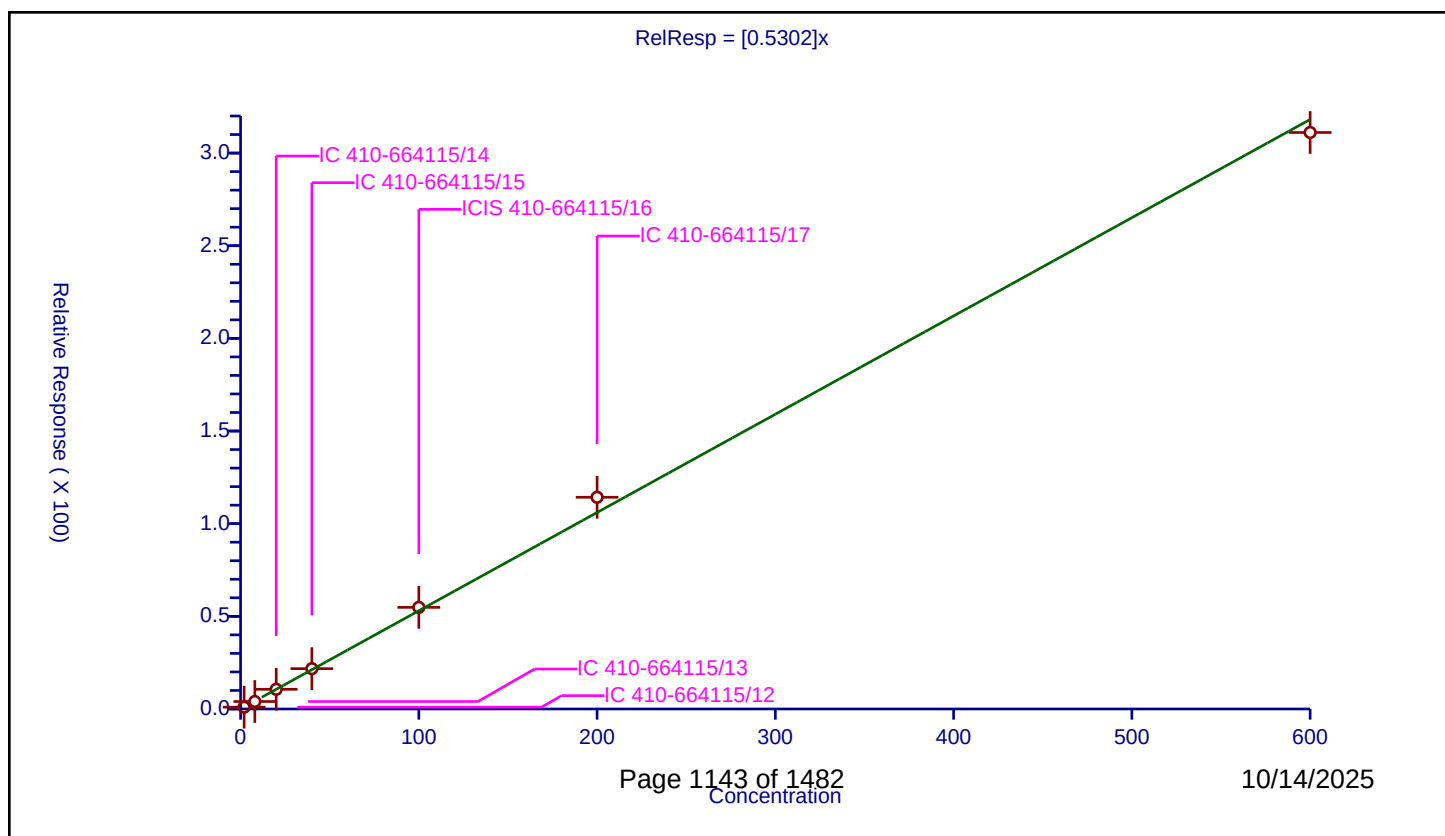
Curve Coefficients

Intercept: 0
Slope: 0.5302

Error Coefficients

Relative Standard Deviation: 5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	2.0	0.986466	250.0	581115.0	0.493233	Y
2	IC 410-664115/13	8.0	4.037741	250.0	579470.0	0.504718	Y
3	IC 410-664115/14	20.0	10.628654	250.0	595113.0	0.531433	Y
4	IC 410-664115/15	40.0	21.763683	250.0	595430.0	0.544092	Y
5	ICIS 410-664115/16	100.0	54.841203	250.0	588645.0	0.548412	Y
6	IC 410-664115/17	200.0	114.260085	250.0	588331.0	0.5713	Y
7	IC 410-664115/18	600.0	311.09973	250.0	595510.0	0.5185	Y



Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

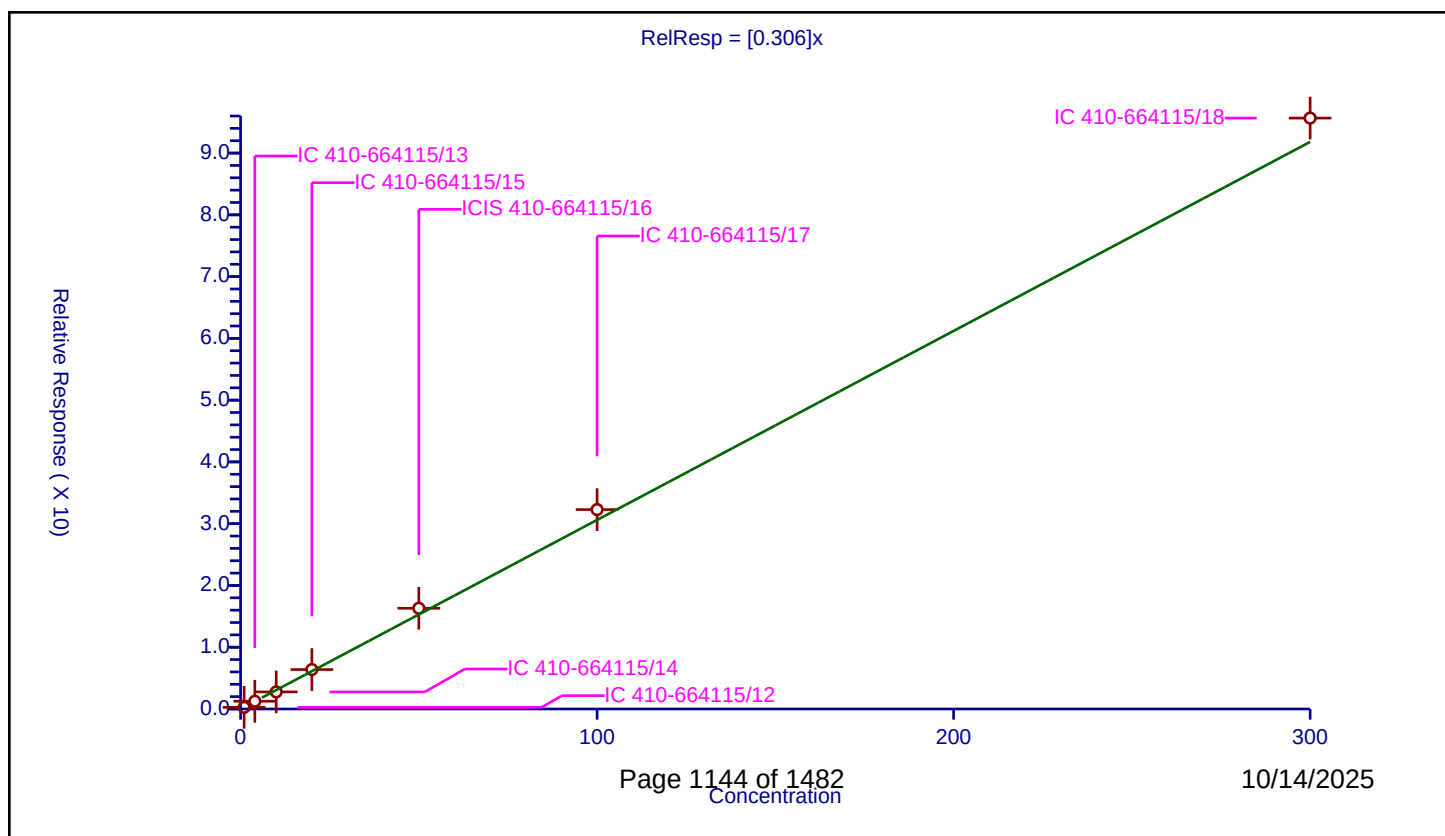
Curve Coefficients

Intercept: 0
Slope: 0.306

Error Coefficients

Relative Standard Deviation: 8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.265154	50.0	1142543.0	0.265154	Y
2	IC 410-664115/13	4.0	1.253827	50.0	1188043.0	0.313457	Y
3	IC 410-664115/14	10.0	2.76499	50.0	1175646.0	0.276499	Y
4	IC 410-664115/15	20.0	6.384439	50.0	1196550.0	0.319222	Y
5	ICIS 410-664115/16	50.0	16.310198	50.0	1189958.0	0.326204	Y
6	IC 410-664115/17	100.0	32.282553	50.0	1215034.0	0.322826	Y
7	IC 410-664115/18	300.0	95.664957	50.0	1236216.0	0.318883	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

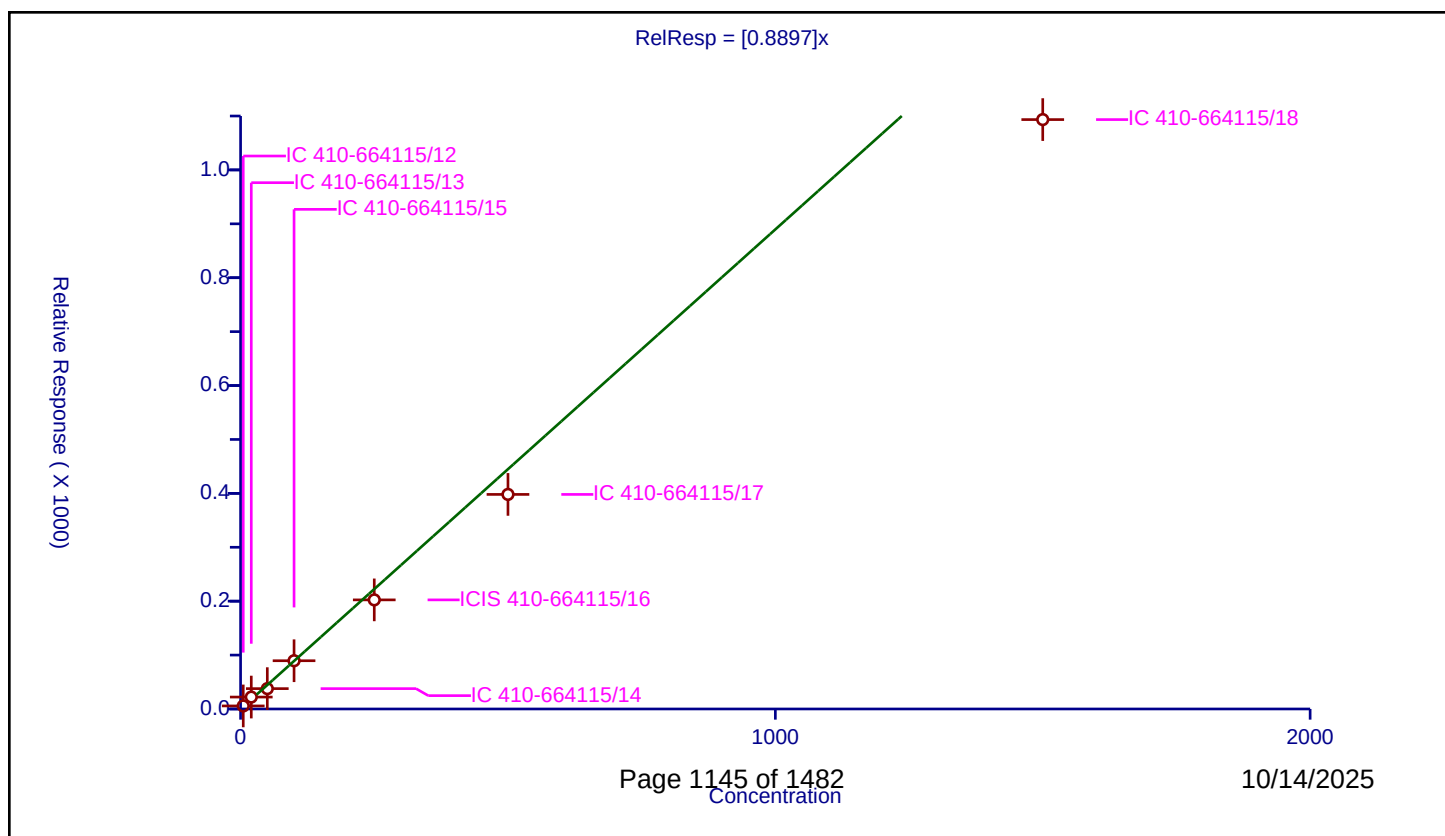
Curve Coefficients

Intercept: 0
Slope: 0.8897

Error Coefficients

Relative Standard Deviation: 18.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	5.0	5.683471	250.0	581115.0	1.136694	Y
2	IC 410-664115/13	20.0	22.124528	250.0	579470.0	1.106226	Y
3	IC 410-664115/14	50.0	37.753754	250.0	595113.0	0.755075	Y
4	IC 410-664115/15	100.0	89.505483	250.0	595430.0	0.895055	Y
5	ICIS 410-664115/16	250.0	202.411895	250.0	588645.0	0.809648	Y
6	IC 410-664115/17	500.0	398.021267	250.0	588331.0	0.796043	Y
7	IC 410-664115/18	1500.0	1093.376686	250.0	595510.0	0.728918	Y



Calibration

/ Iodomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

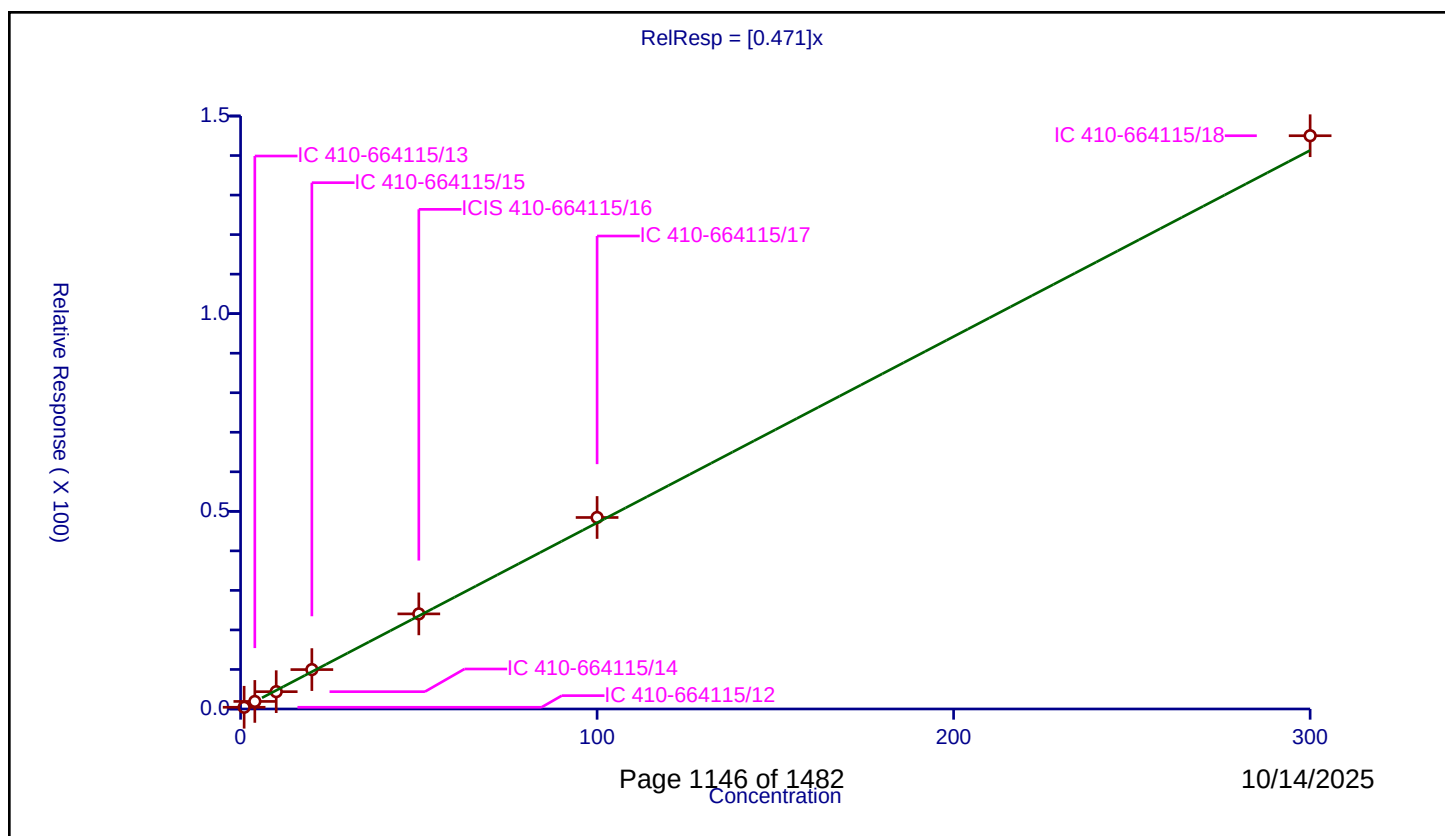
Curve Coefficients

Intercept: 0
Slope: 0.471

Error Coefficients

Relative Standard Deviation: 5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.433244	50.0	1142543.0	0.433244	Y
2	IC 410-664115/13	4.0	1.91424	50.0	1188043.0	0.47856	Y
3	IC 410-664115/14	10.0	4.380655	50.0	1175646.0	0.438066	Y
4	IC 410-664115/15	20.0	9.965317	50.0	1196550.0	0.498266	Y
5	ICIS 410-664115/16	50.0	24.05879	50.0	1189958.0	0.481176	Y
6	IC 410-664115/17	100.0	48.441649	50.0	1215034.0	0.484416	Y
7	IC 410-664115/18	300.0	145.013291	50.0	1236216.0	0.483378	Y



Calibration

/ Carbon disulfide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

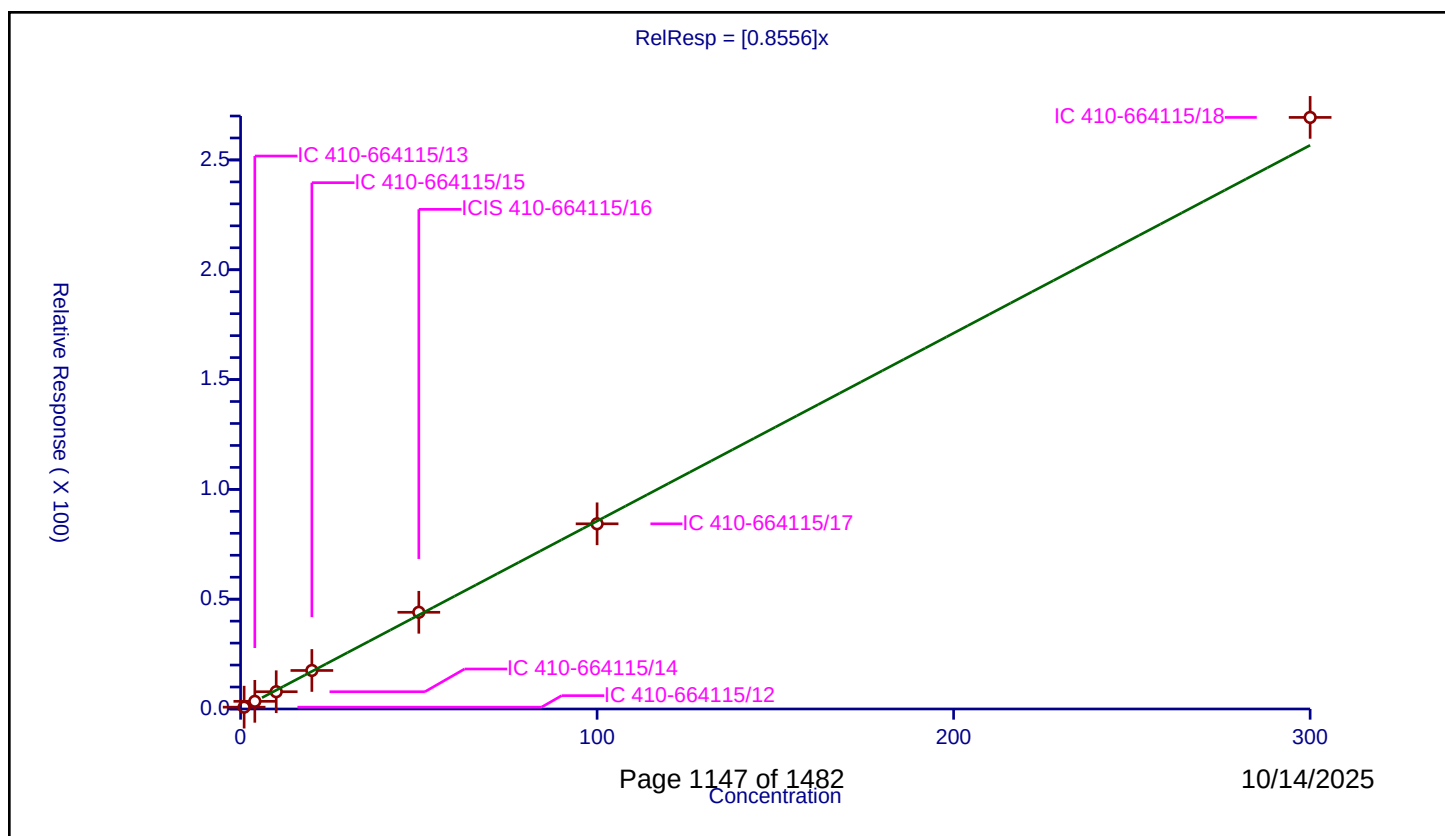
Curve Coefficients

Intercept: 0
Slope: 0.8556

Error Coefficients

Relative Standard Deviation: 4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.830866	50.0	1142543.0	0.830866	Y
2	IC 410-664115/13	4.0	3.493603	50.0	1188043.0	0.873401	Y
3	IC 410-664115/14	10.0	7.866186	50.0	1175646.0	0.786619	Y
4	IC 410-664115/15	20.0	17.536292	50.0	1196550.0	0.876815	Y
5	ICIS 410-664115/16	50.0	44.037605	50.0	1189958.0	0.880752	Y
6	IC 410-664115/17	100.0	84.317929	50.0	1215034.0	0.843179	Y
7	IC 410-664115/18	300.0	269.362474	50.0	1236216.0	0.897875	Y



Calibration

/ Methyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

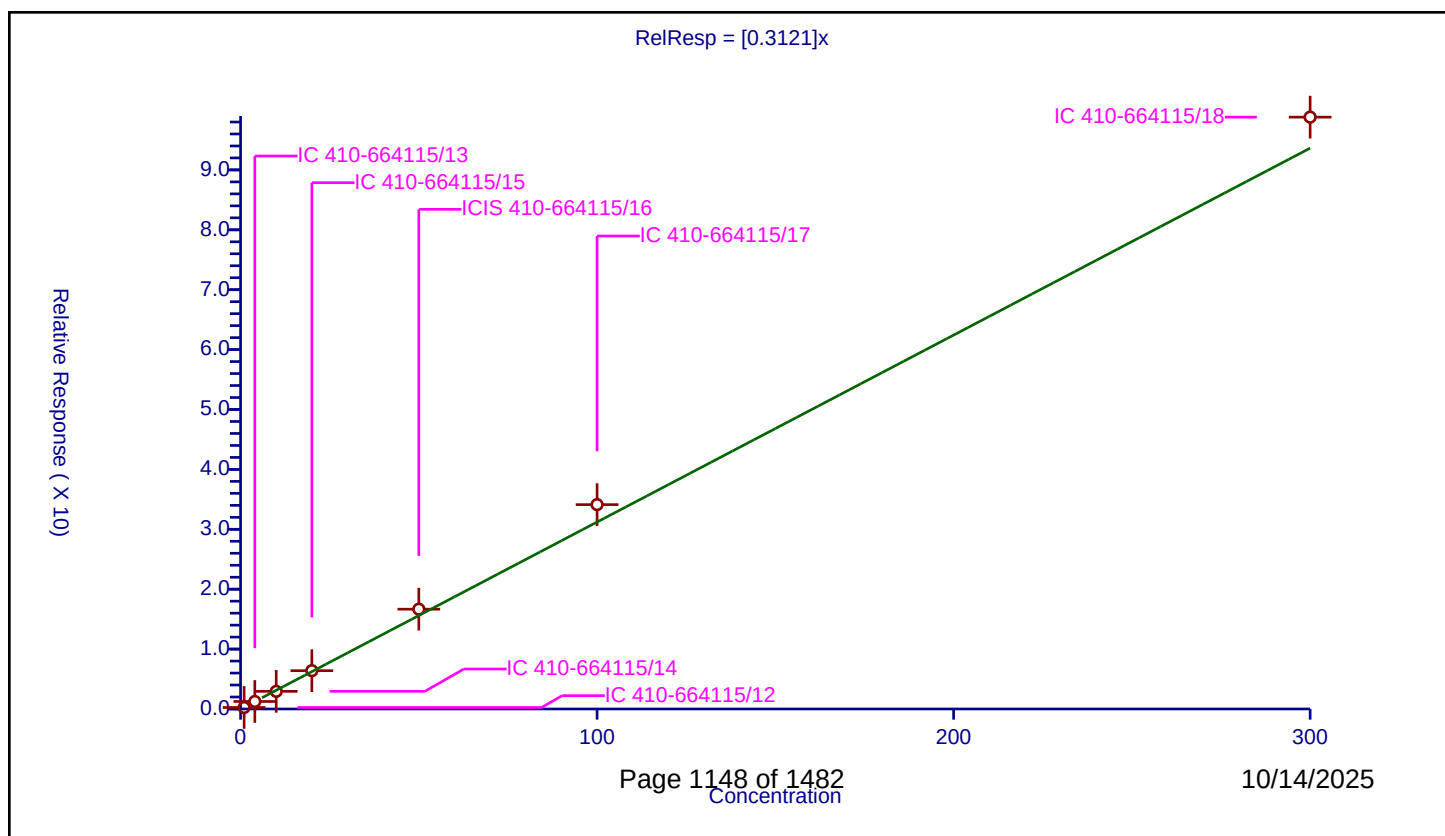
Curve Coefficients

Intercept: 0
Slope: 0.3121

Error Coefficients

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.253513	50.0	1142543.0	0.253513	Y
2	IC 410-664115/13	4.0	1.25349	50.0	1188043.0	0.313372	Y
3	IC 410-664115/14	10.0	2.943956	50.0	1175646.0	0.294396	Y
4	IC 410-664115/15	20.0	6.394091	50.0	1196550.0	0.319705	Y
5	ICIS 410-664115/16	50.0	16.662479	50.0	1189958.0	0.33325	Y
6	IC 410-664115/17	100.0	34.118099	50.0	1215034.0	0.341181	Y
7	IC 410-664115/18	300.0	98.813112	50.0	1236216.0	0.329377	Y



Calibration

/ 3-Chloro-1-propene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

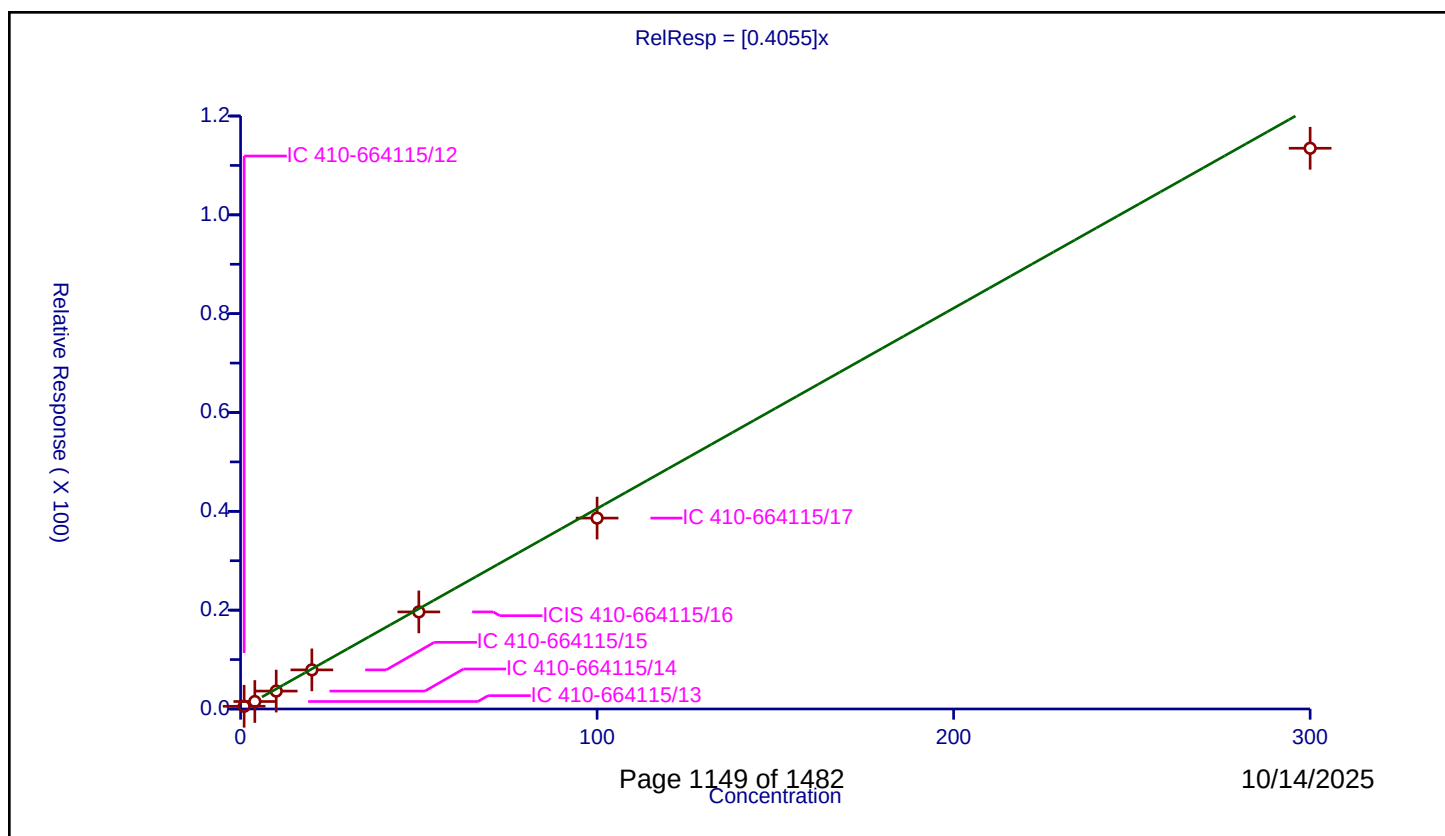
Curve Coefficients

Intercept: 0
Slope: 0.4055

Error Coefficients

Relative Standard Deviation: 15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.545275	50.0	1142543.0	0.545275	Y
2	IC 410-664115/13	4.0	1.513203	50.0	1188043.0	0.378301	Y
3	IC 410-664115/14	10.0	3.621158	50.0	1175646.0	0.362116	Y
4	IC 410-664115/15	20.0	7.913125	50.0	1196550.0	0.395656	Y
5	ICIS 410-664115/16	50.0	19.64645	50.0	1189958.0	0.392929	Y
6	IC 410-664115/17	100.0	38.631758	50.0	1215034.0	0.386318	Y
7	IC 410-664115/18	300.0	113.47665	50.0	1236216.0	0.378255	Y



Calibration

/ Methylene Chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

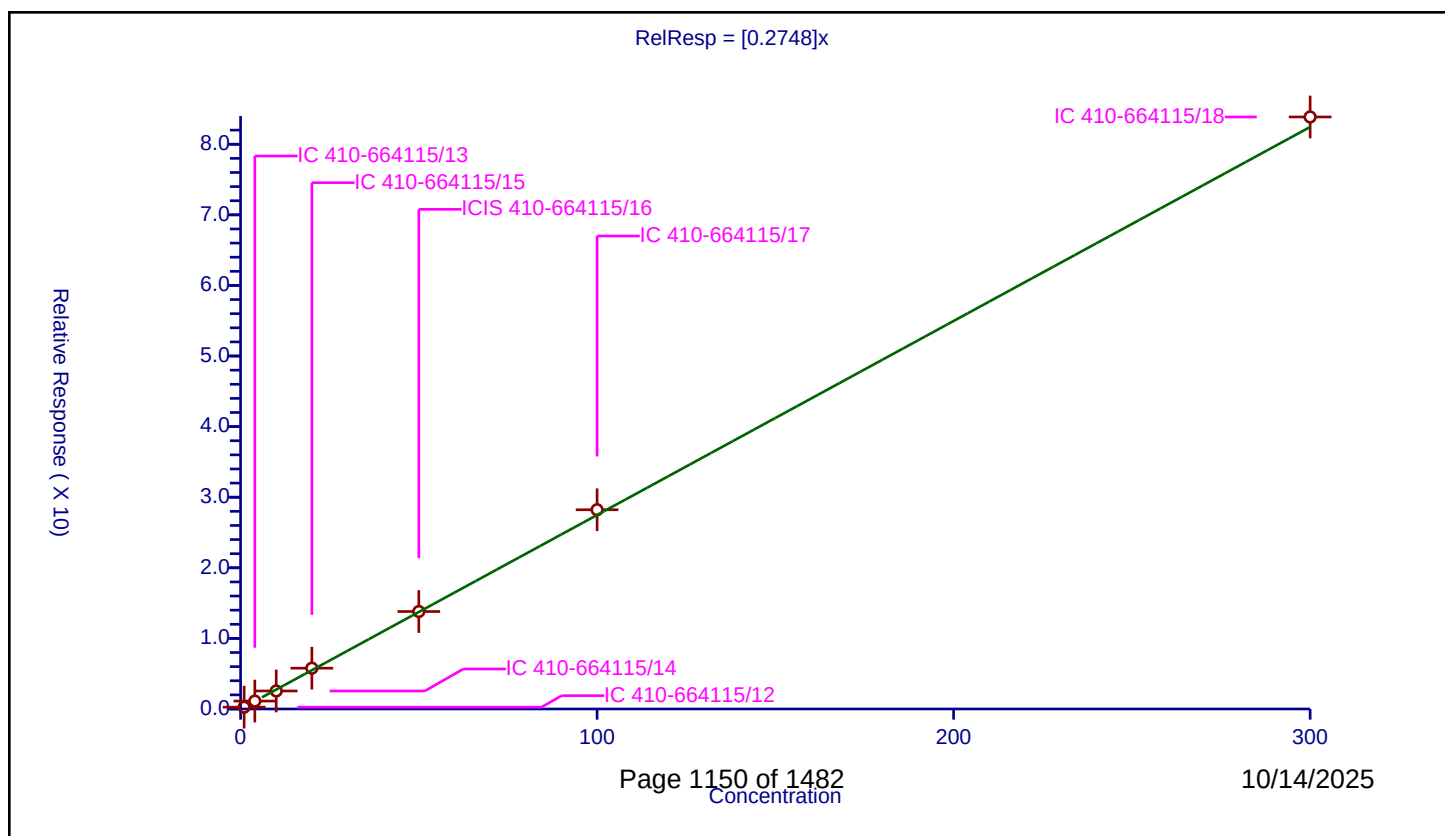
Curve Coefficients

Intercept: 0
Slope: 0.2748

Error Coefficients

Relative Standard Deviation: 4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.260034	50.0	1142543.0	0.260034	Y
2	IC 410-664115/13	4.0	1.124749	50.0	1188043.0	0.281187	Y
3	IC 410-664115/14	10.0	2.553192	50.0	1175646.0	0.255319	Y
4	IC 410-664115/15	20.0	5.783294	50.0	1196550.0	0.289165	Y
5	ICIS 410-664115/16	50.0	13.808933	50.0	1189958.0	0.276179	Y
6	IC 410-664115/17	100.0	28.22349	50.0	1215034.0	0.282235	Y
7	IC 410-664115/18	300.0	83.865037	50.0	1236216.0	0.27955	Y



Calibration

/ 2-Methyl-2-propanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

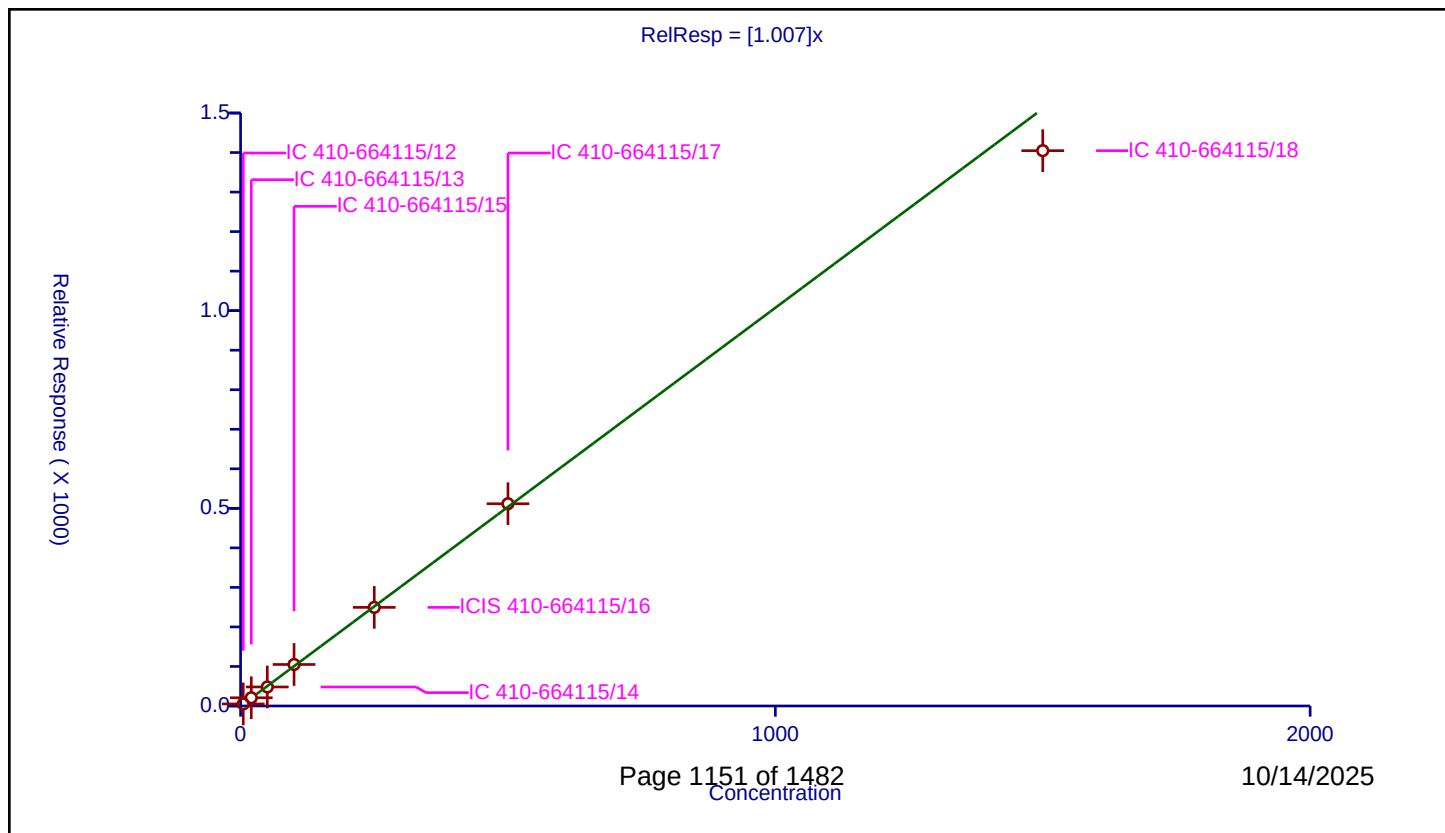
Curve Coefficients

Intercept: 0
Slope: 1.007

Error Coefficients

Relative Standard Deviation: 4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	5.0	5.197336	250.0	581115.0	1.039467	Y
2	IC 410-664115/13	20.0	20.807376	250.0	579470.0	1.040369	Y
3	IC 410-664115/14	50.0	48.156401	250.0	595113.0	0.963128	Y
4	IC 410-664115/15	100.0	105.023261	250.0	595430.0	1.050233	Y
5	ICIS 410-664115/16	250.0	249.439815	250.0	588645.0	0.997759	Y
6	IC 410-664115/17	500.0	511.628658	250.0	588331.0	1.023257	Y
7	IC 410-664115/18	1500.0	1404.745932	250.0	595510.0	0.936497	Y



Calibration

/ Acrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

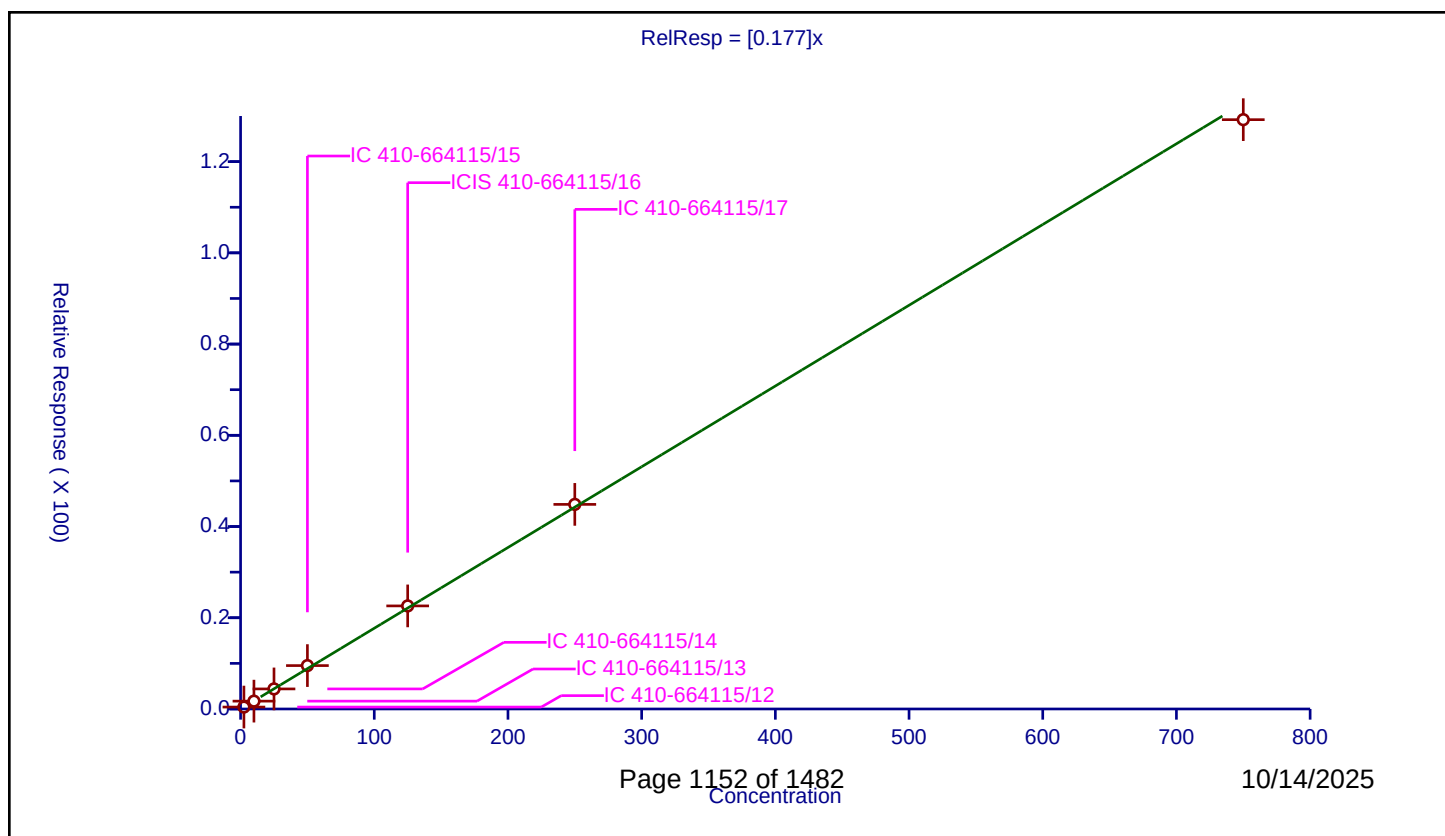
Curve Coefficients

Intercept: 0
Slope: 0.177

Error Coefficients

Relative Standard Deviation: 4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	2.5	0.420947	50.0	1142543.0	0.168379	Y
2	IC 410-664115/13	10.0	1.72035	50.0	1188043.0	0.172035	Y
3	IC 410-664115/14	25.0	4.399964	50.0	1175646.0	0.175999	Y
4	IC 410-664115/15	50.0	9.512808	50.0	1196550.0	0.190256	Y
5	ICIS 410-664115/16	125.0	22.59605	50.0	1189958.0	0.180768	Y
6	IC 410-664115/17	250.0	44.852737	50.0	1215034.0	0.179411	Y
7	IC 410-664115/18	750.0	129.200844	50.0	1236216.0	0.172268	Y



Calibration

/ Methyl tert-butyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

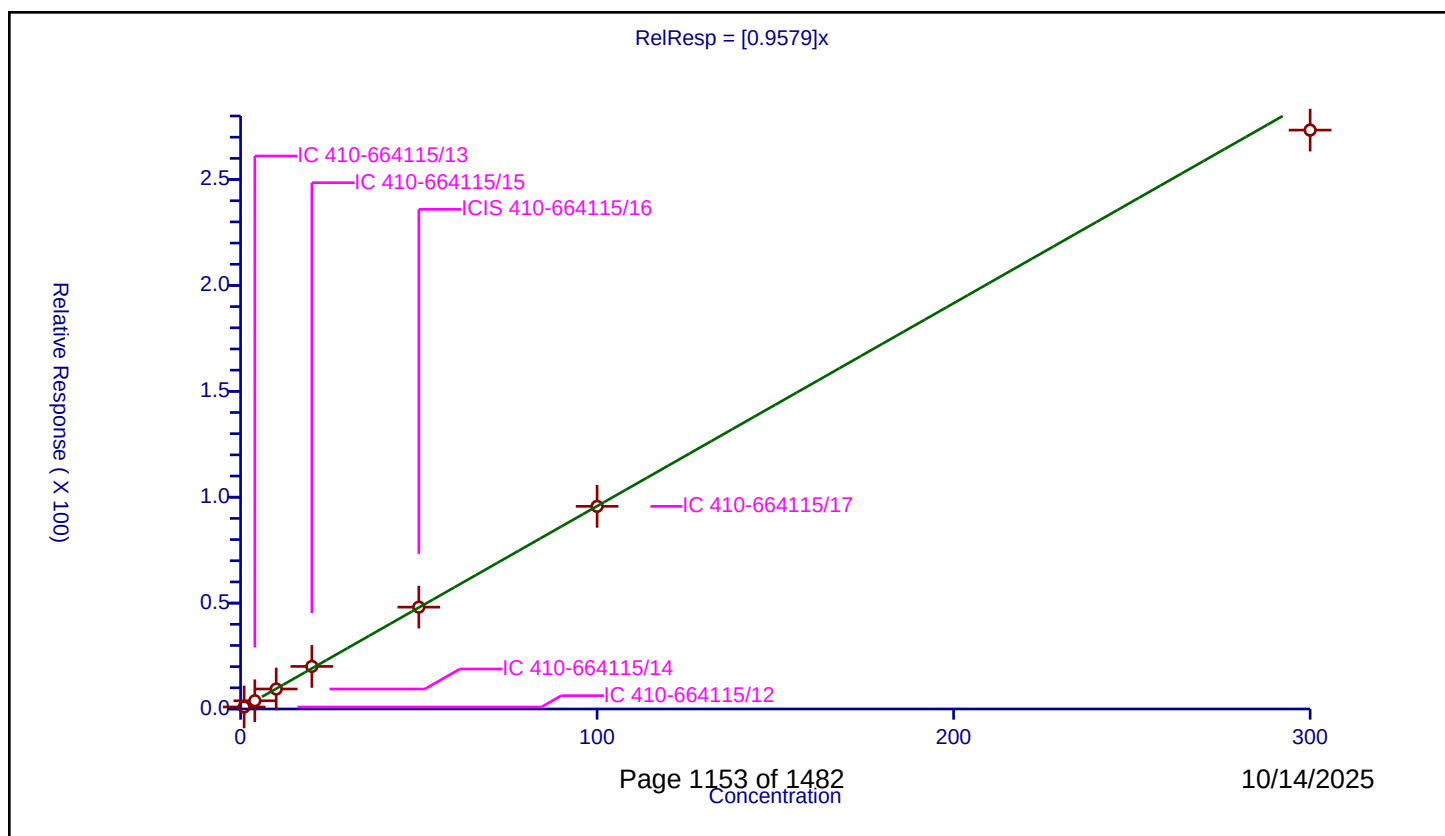
Curve Coefficients

Intercept: 0
Slope: 0.9579

Error Coefficients

Relative Standard Deviation: 3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.955675	50.0	1142543.0	0.955675	Y
2	IC 410-664115/13	4.0	3.883782	50.0	1188043.0	0.970945	Y
3	IC 410-664115/14	10.0	9.432091	50.0	1175646.0	0.943209	Y
4	IC 410-664115/15	20.0	20.108687	50.0	1196550.0	1.005434	Y
5	ICIS 410-664115/16	50.0	48.098672	50.0	1189958.0	0.961973	Y
6	IC 410-664115/17	100.0	95.689627	50.0	1215034.0	0.956896	Y
7	IC 410-664115/18	300.0	273.355668	50.0	1236216.0	0.911186	Y



Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

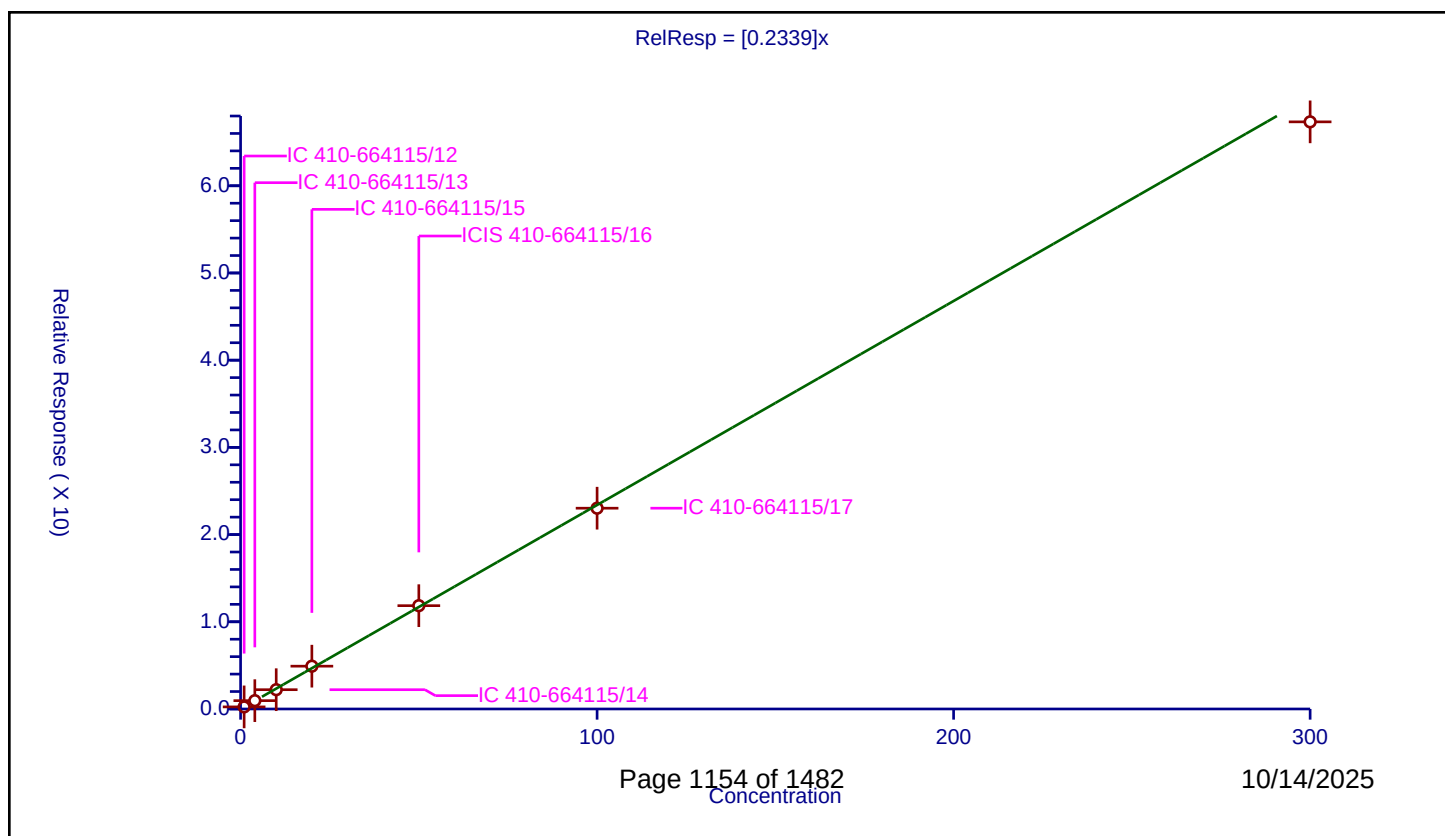
Curve Coefficients

Intercept: 0
Slope: 0.2339

Error Coefficients

Relative Standard Deviation: 3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.240166	50.0	1142543.0	0.240166	Y
2	IC 410-664115/13	4.0	0.955268	50.0	1188043.0	0.238817	Y
3	IC 410-664115/14	10.0	2.212911	50.0	1175646.0	0.221291	Y
4	IC 410-664115/15	20.0	4.911161	50.0	1196550.0	0.245558	Y
5	ICIS 410-664115/16	50.0	11.848696	50.0	1189958.0	0.236974	Y
6	IC 410-664115/17	100.0	23.025693	50.0	1215034.0	0.230257	Y
7	IC 410-664115/18	300.0	67.330588	50.0	1236216.0	0.224435	Y



Calibration

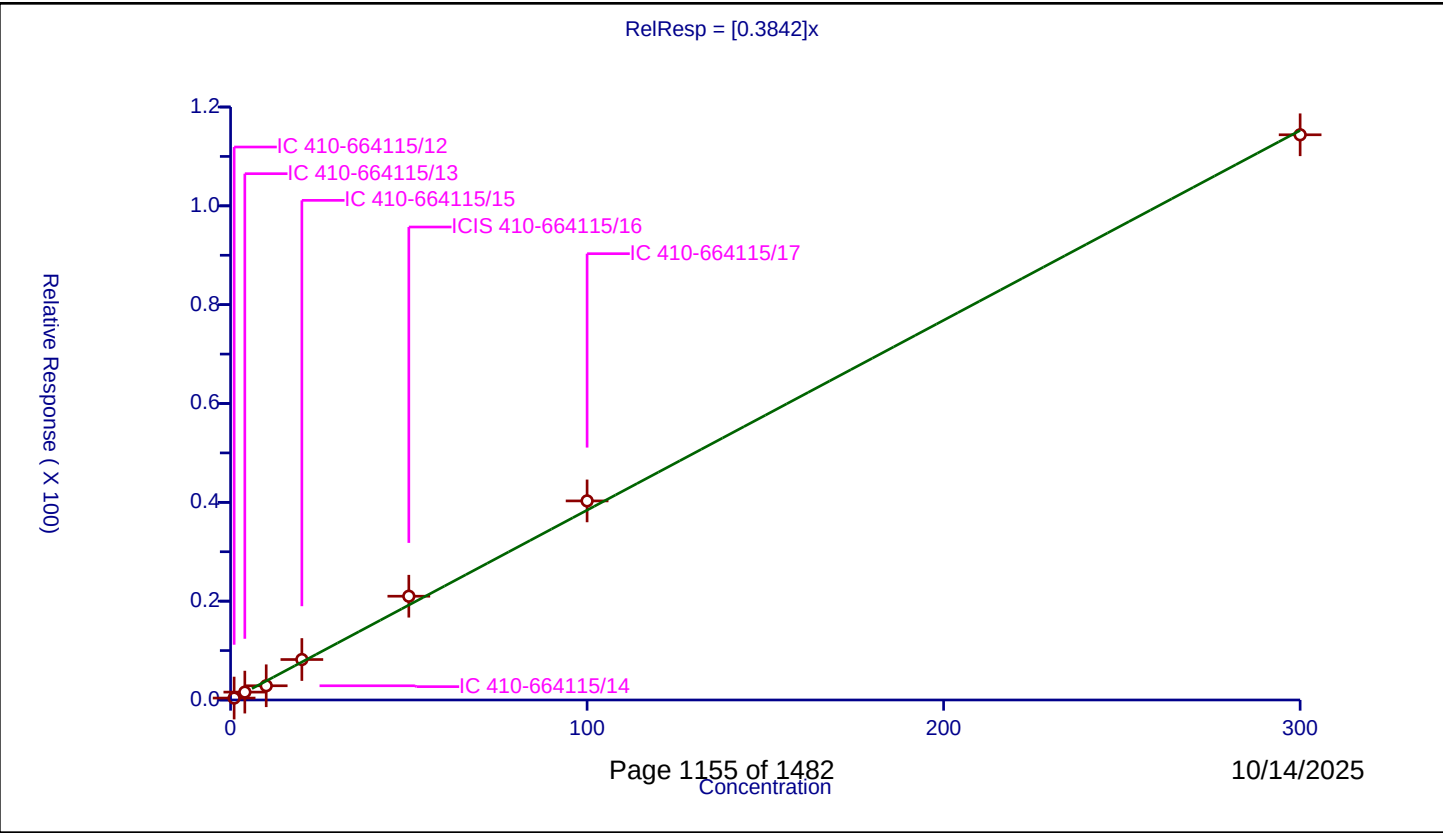
/ Hexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3842
Error Coefficients	

Relative Standard Deviation: 11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.389176	50.0	1142543.0	0.389176	Y
2	IC 410-664115/13	4.0	1.59485	50.0	1188043.0	0.398712	Y
3	IC 410-664115/14	10.0	2.879481	50.0	1175646.0	0.287948	Y
4	IC 410-664115/15	20.0	8.187873	50.0	1196550.0	0.409394	Y
5	ICIS 410-664115/16	50.0	20.999313	50.0	1189958.0	0.419986	Y
6	IC 410-664115/17	100.0	40.289243	50.0	1215034.0	0.402892	Y
7	IC 410-664115/18	300.0	114.379971	50.0	1236216.0	0.381267	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

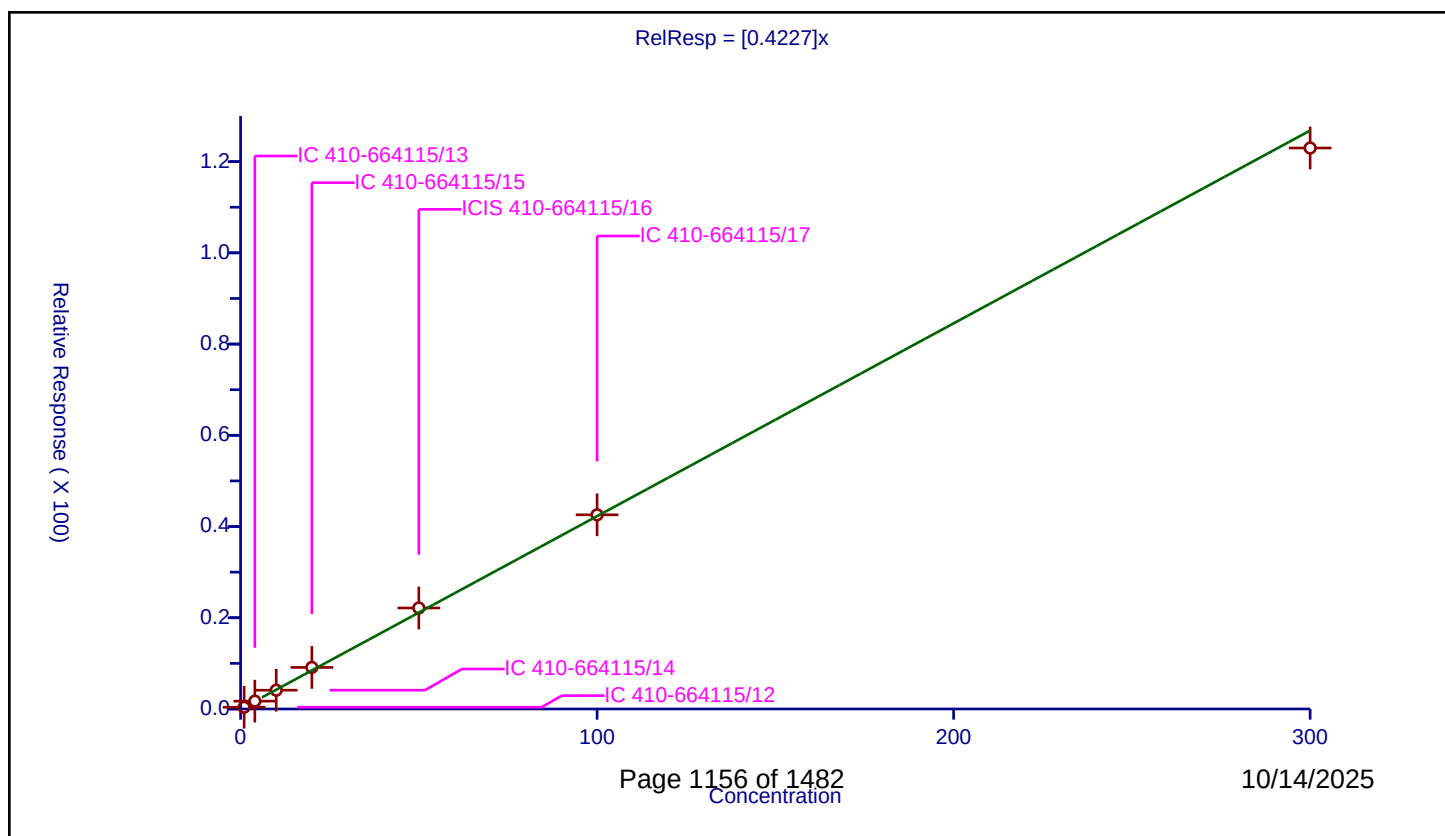
Curve Coefficients

Intercept: 0
Slope: 0.4227

Error Coefficients

Relative Standard Deviation: 5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.382524	50.0	1142543.0	0.382524	Y
2	IC 410-664115/13	4.0	1.72237	50.0	1188043.0	0.430593	Y
3	IC 410-664115/14	10.0	4.117056	50.0	1175646.0	0.411706	Y
4	IC 410-664115/15	20.0	9.111696	50.0	1196550.0	0.455585	Y
5	ICIS 410-664115/16	50.0	22.143765	50.0	1189958.0	0.442875	Y
6	IC 410-664115/17	100.0	42.56778	50.0	1215034.0	0.425678	Y
7	IC 410-664115/18	300.0	122.986962	50.0	1236216.0	0.409957	Y



Calibration

/ Isopropyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

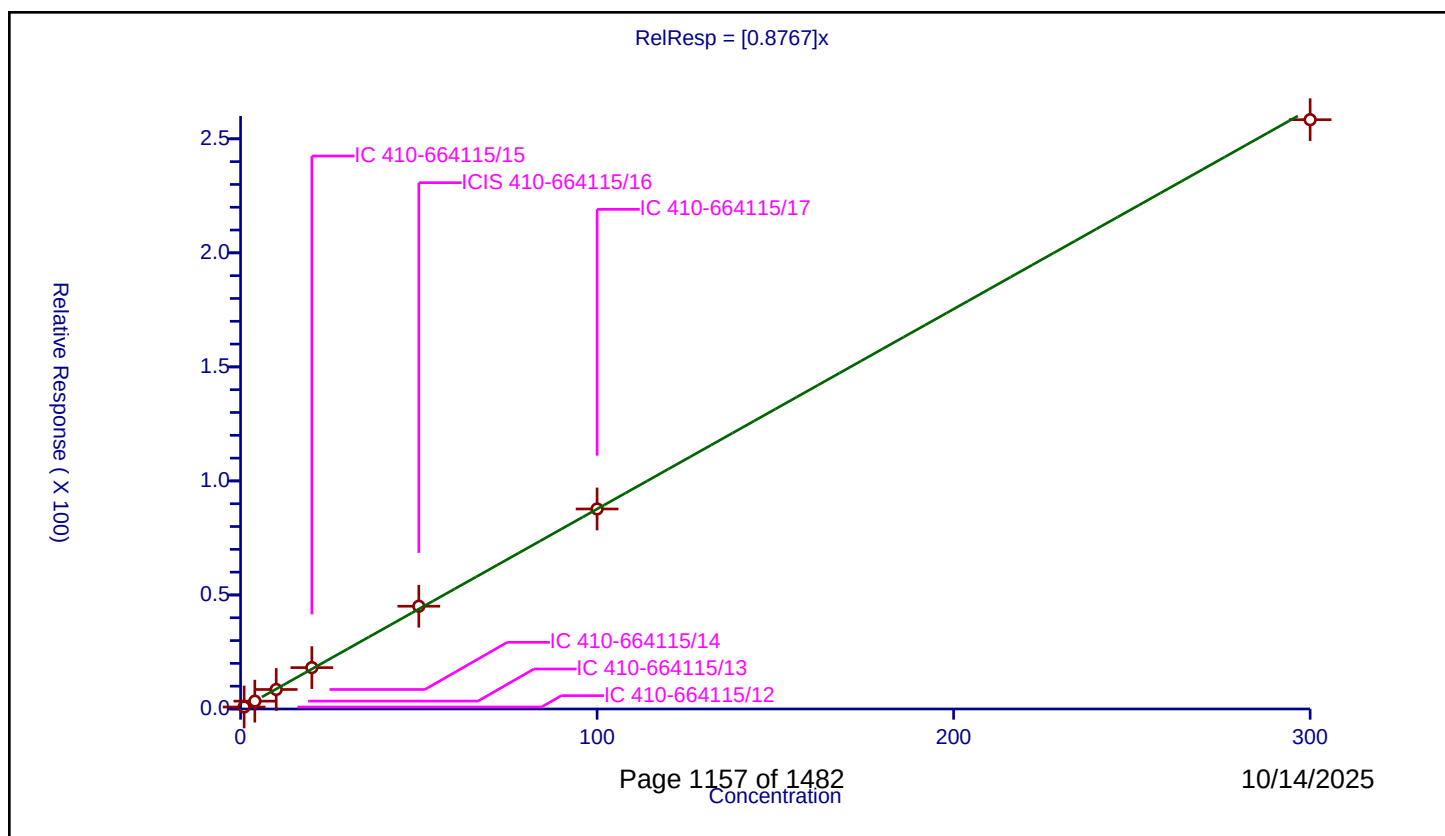
Curve Coefficients

Intercept: 0
Slope: 0.8767

Error Coefficients

Relative Standard Deviation: 2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.873578	50.0	1142543.0	0.873578	Y
2	IC 410-664115/13	4.0	3.448907	50.0	1188043.0	0.862227	Y
3	IC 410-664115/14	10.0	8.547513	50.0	1175646.0	0.854751	Y
4	IC 410-664115/15	20.0	18.144248	50.0	1196550.0	0.907212	Y
5	ICIS 410-664115/16	50.0	45.058775	50.0	1189958.0	0.901176	Y
6	IC 410-664115/17	100.0	87.702731	50.0	1215034.0	0.877027	Y
7	IC 410-664115/18	300.0	258.383244	50.0	1236216.0	0.861277	Y



Calibration

/ 2-Chloro-1,3-butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

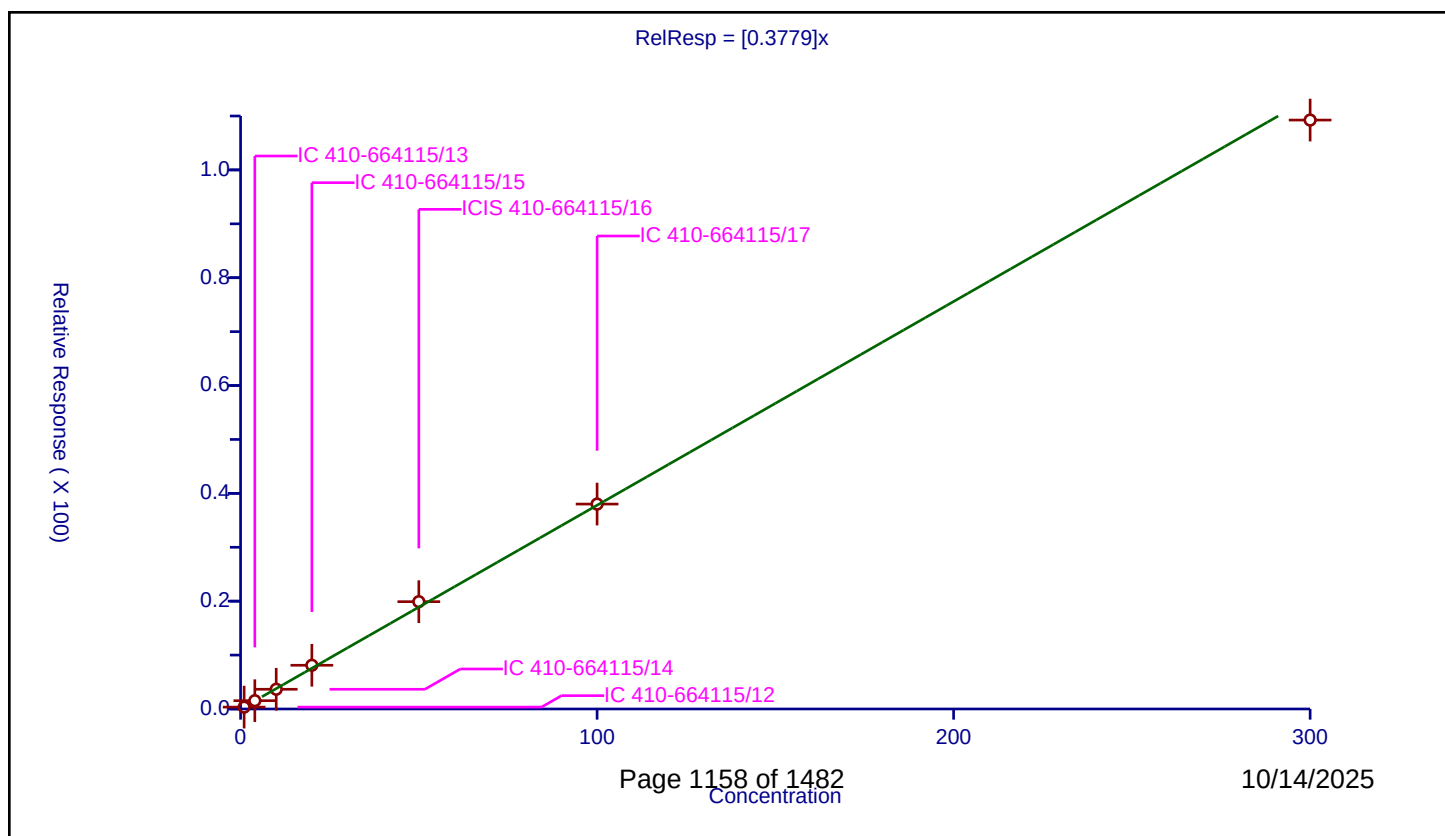
Curve Coefficients

Intercept: 0
Slope: 0.3779

Error Coefficients

Relative Standard Deviation: 5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.347164	50.0	1142543.0	0.347164	Y
2	IC 410-664115/13	4.0	1.538539	50.0	1188043.0	0.384635	Y
3	IC 410-664115/14	10.0	3.658669	50.0	1175646.0	0.365867	Y
4	IC 410-664115/15	20.0	8.110192	50.0	1196550.0	0.40551	Y
5	ICIS 410-664115/16	50.0	19.907341	50.0	1189958.0	0.398147	Y
6	IC 410-664115/17	100.0	38.013422	50.0	1215034.0	0.380134	Y
7	IC 410-664115/18	300.0	109.249314	50.0	1236216.0	0.364164	Y



Calibration

/ Tert-butyl ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

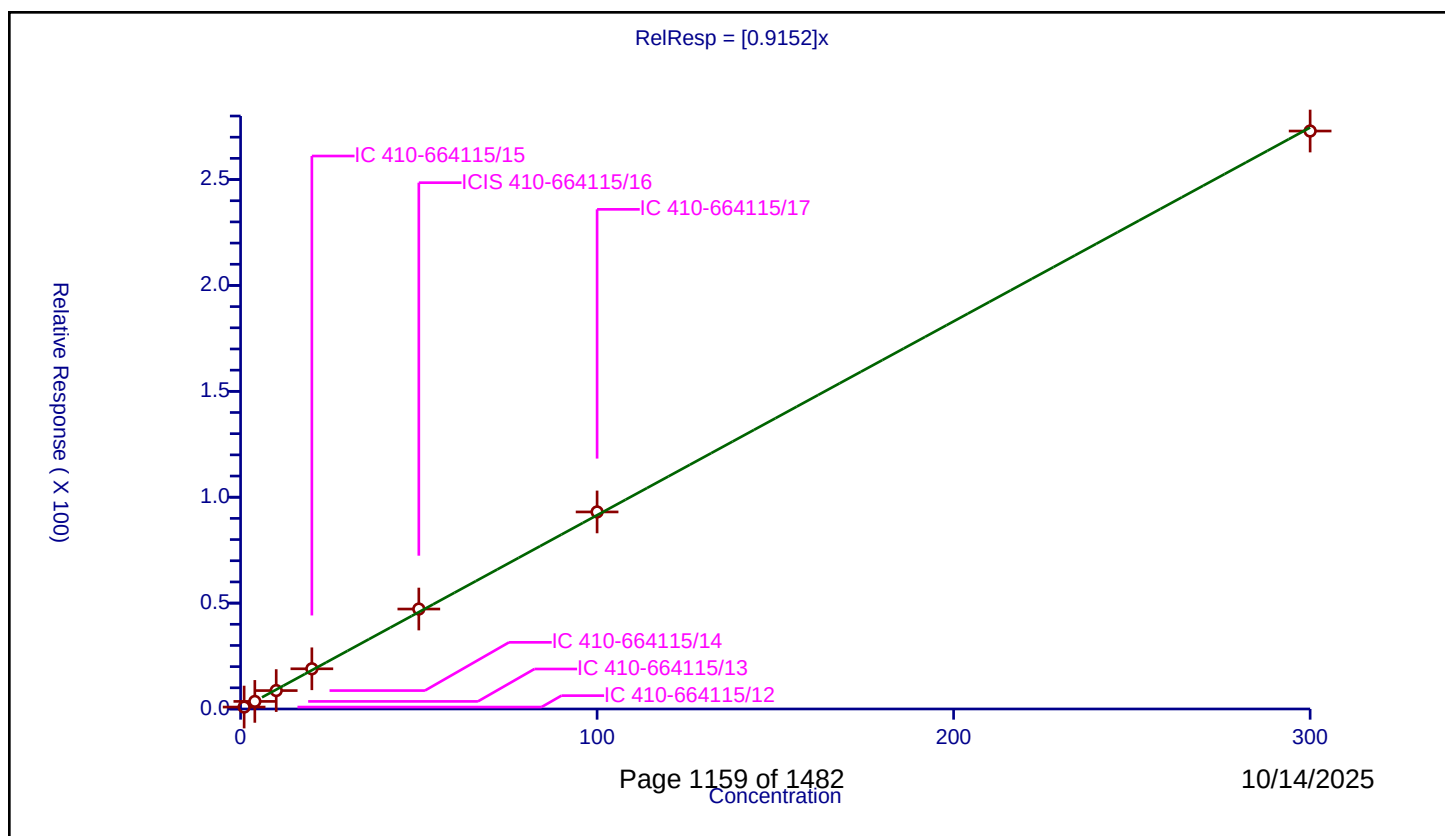
Curve Coefficients

Intercept: 0
Slope: 0.9152

Error Coefficients

Relative Standard Deviation: 3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.909244	50.0	1142543.0	0.909244	Y
2	IC 410-664115/13	4.0	3.577185	50.0	1188043.0	0.894296	Y
3	IC 410-664115/14	10.0	8.69539	50.0	1175646.0	0.869539	Y
4	IC 410-664115/15	20.0	18.979232	50.0	1196550.0	0.948962	Y
5	ICIS 410-664115/16	50.0	47.199901	50.0	1189958.0	0.943998	Y
6	IC 410-664115/17	100.0	93.047232	50.0	1215034.0	0.930472	Y
7	IC 410-664115/18	300.0	272.912501	50.0	1236216.0	0.909708	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

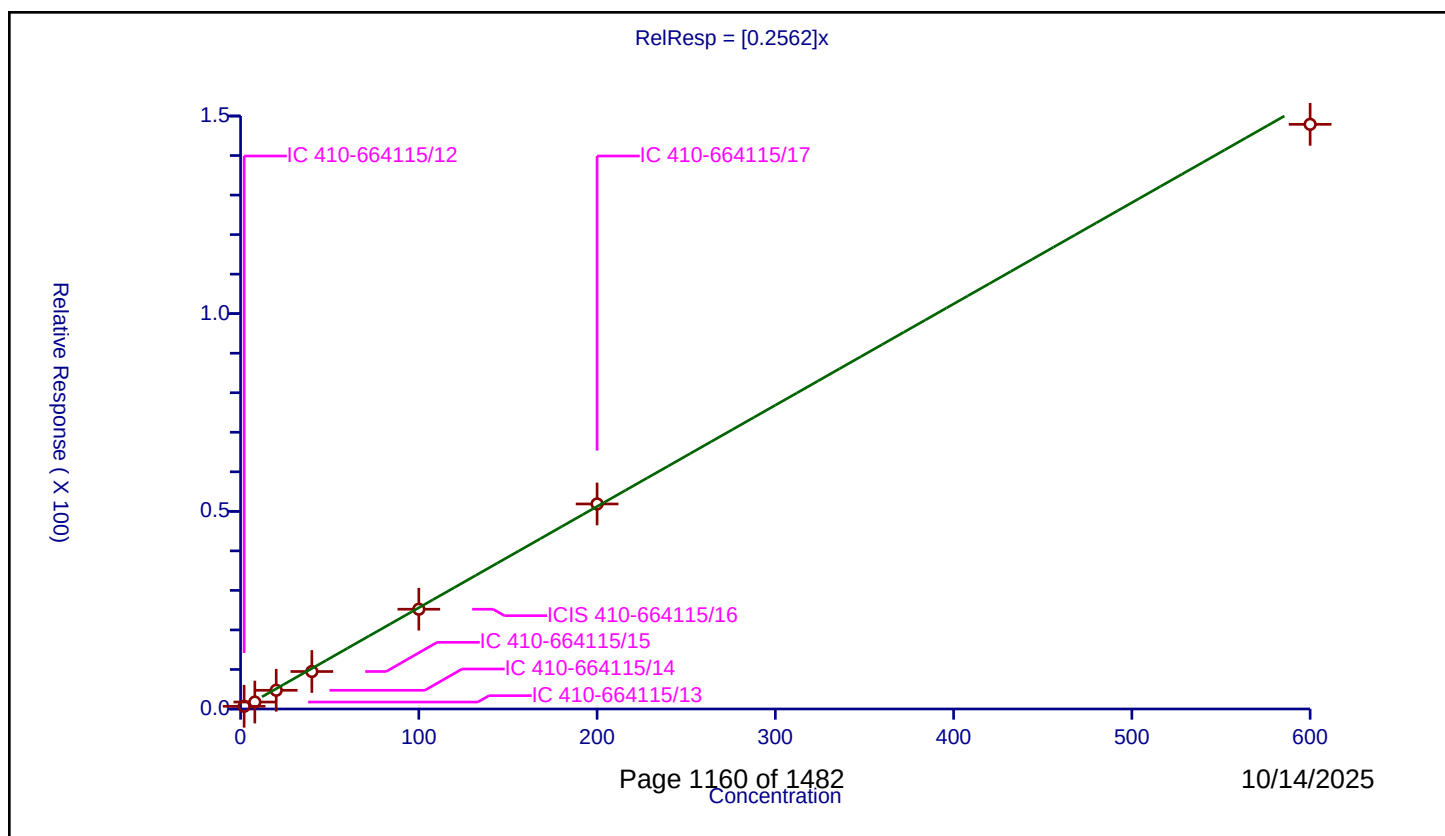
Curve Coefficients

Intercept: 0
Slope: 0.2562

Error Coefficients

Relative Standard Deviation: 15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	2.0	0.683869	50.0	1142543.0	0.341935	Y
2	IC 410-664115/13	8.0	1.755492	50.0	1188043.0	0.219437	Y
3	IC 410-664115/14	20.0	4.730421	50.0	1175646.0	0.236521	Y
4	IC 410-664115/15	40.0	9.480715	50.0	1196550.0	0.237018	Y
5	ICIS 410-664115/16	100.0	25.237824	50.0	1189958.0	0.252378	Y
6	IC 410-664115/17	200.0	51.866285	50.0	1215034.0	0.259331	Y
7	IC 410-664115/18	600.0	147.892237	50.0	1236216.0	0.246487	Y



Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

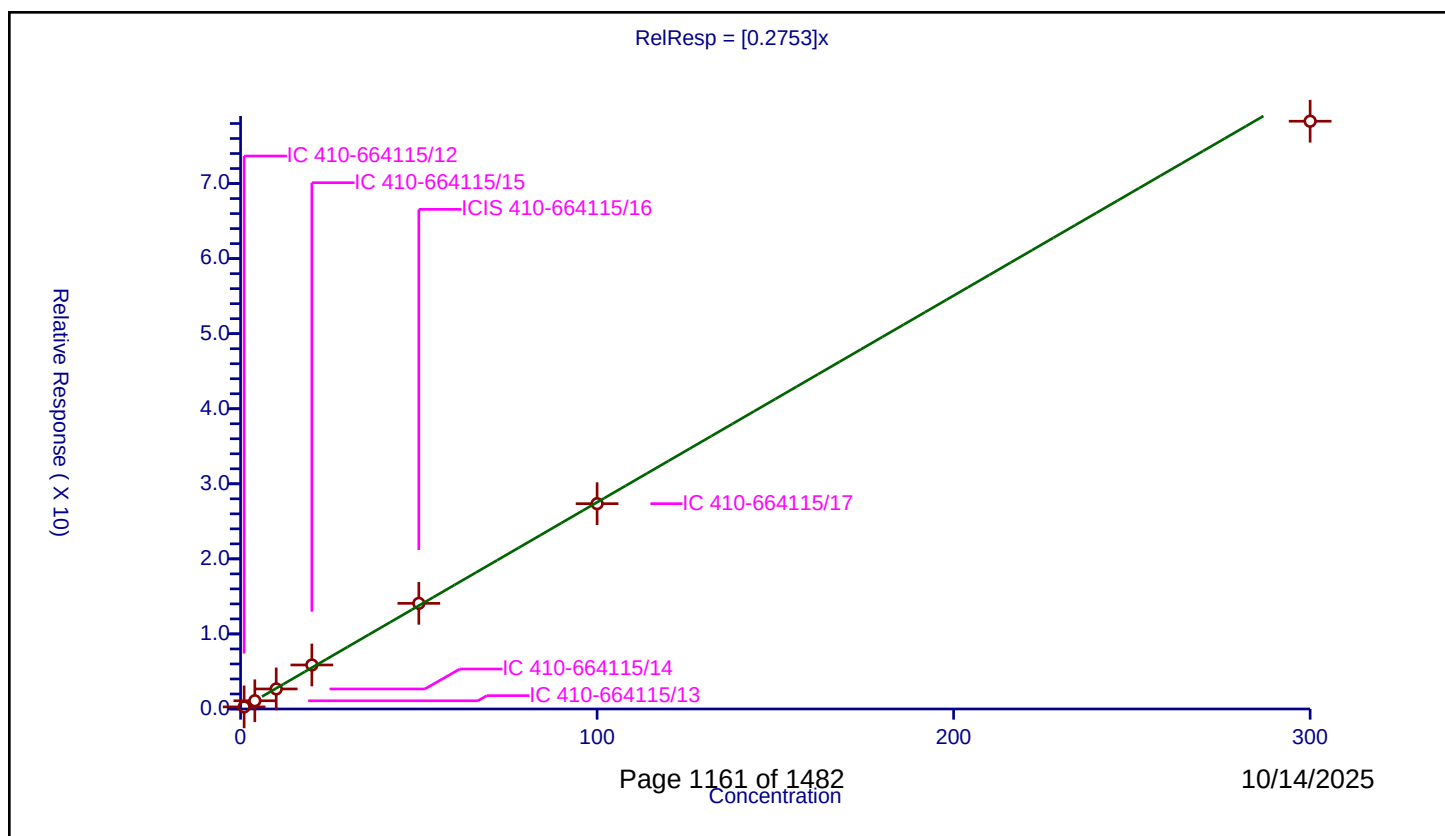
Curve Coefficients

Intercept: 0
Slope: 0.2753

Error Coefficients

Relative Standard Deviation: 3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.277408	50.0	1142543.0	0.277408	Y
2	IC 410-664115/13	4.0	1.095204	50.0	1188043.0	0.273801	Y
3	IC 410-664115/14	10.0	2.668788	50.0	1175646.0	0.266879	Y
4	IC 410-664115/15	20.0	5.865488	50.0	1196550.0	0.293274	Y
5	ICIS 410-664115/16	50.0	14.07348	50.0	1189958.0	0.28147	Y
6	IC 410-664115/17	100.0	27.354379	50.0	1215034.0	0.273544	Y
7	IC 410-664115/18	300.0	78.307634	50.0	1236216.0	0.261025	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

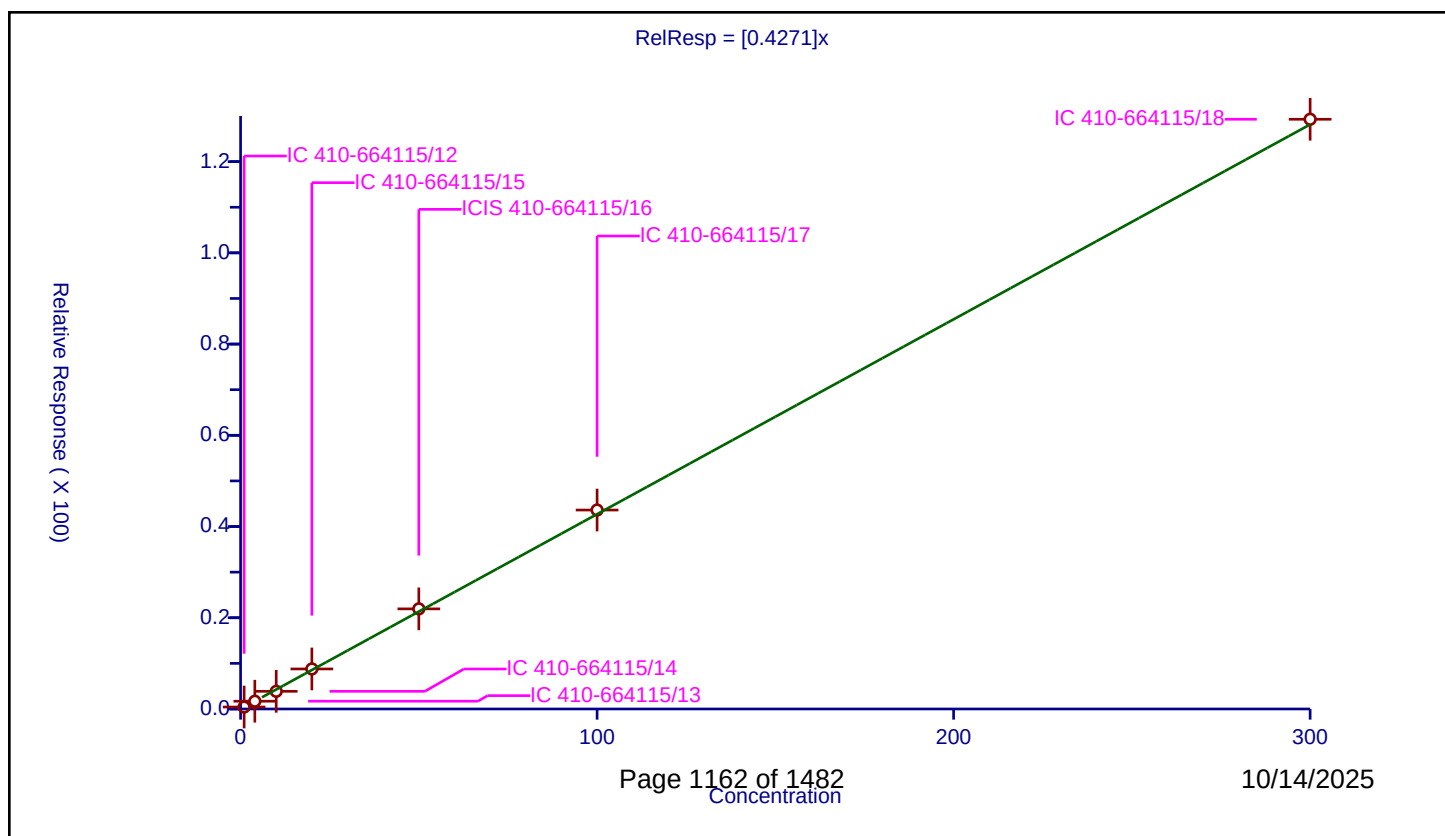
Curve Coefficients

Intercept: 0
Slope: 0.4271

Error Coefficients

Relative Standard Deviation: 4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.430925	50.0	1142543.0	0.430925	Y
2	IC 410-664115/13	4.0	1.706293	50.0	1188043.0	0.426573	Y
3	IC 410-664115/14	10.0	3.87404	50.0	1175646.0	0.387404	Y
4	IC 410-664115/15	20.0	8.779784	50.0	1196550.0	0.438989	Y
5	ICIS 410-664115/16	50.0	21.950271	50.0	1189958.0	0.439005	Y
6	IC 410-664115/17	100.0	43.615734	50.0	1215034.0	0.436157	Y
7	IC 410-664115/18	300.0	129.284688	50.0	1236216.0	0.430949	Y



Calibration

/ Propionitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

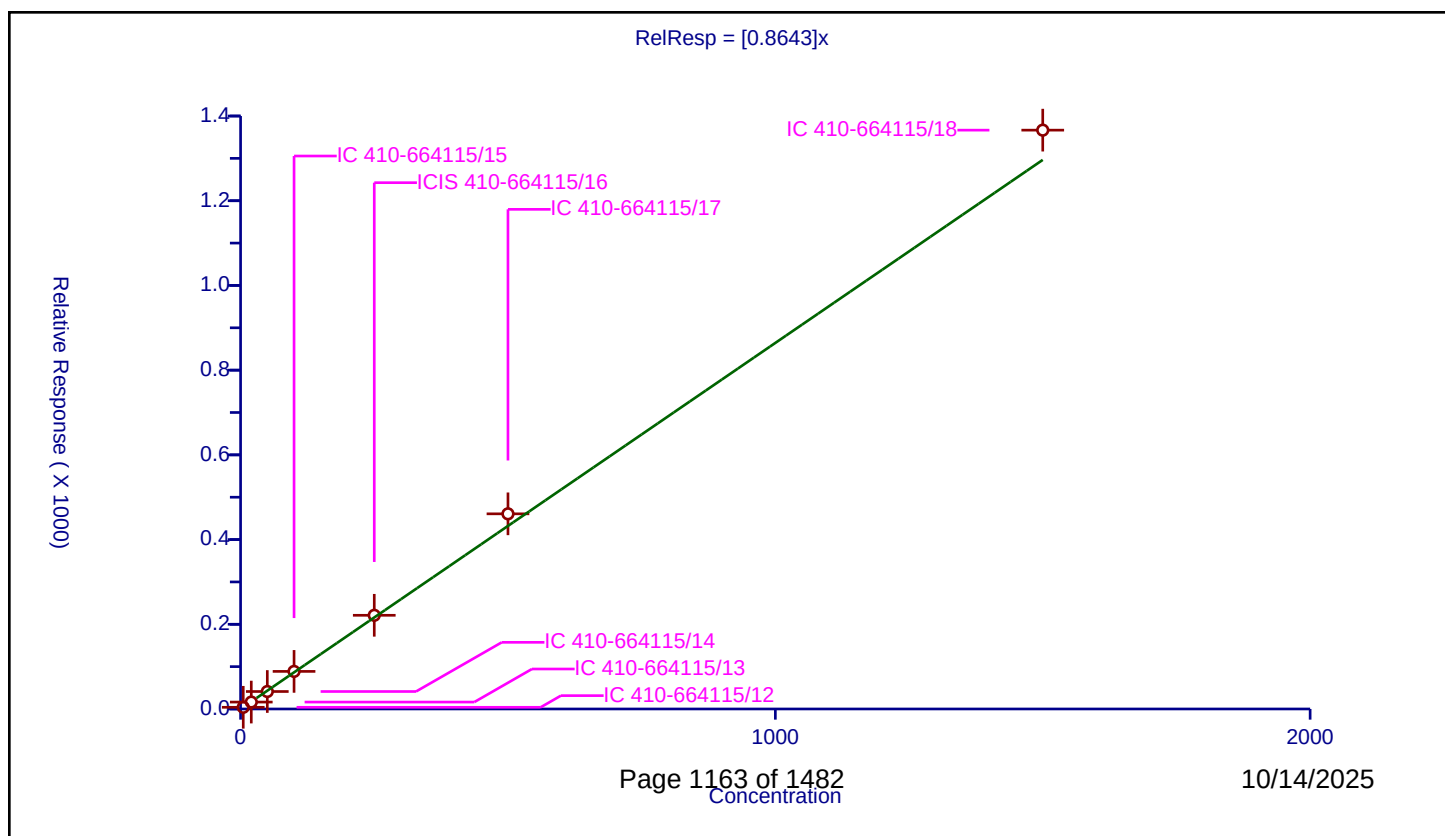
Curve Coefficients

Intercept: 0
Slope: 0.8643

Error Coefficients

Relative Standard Deviation: 5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	5.0	4.009533	250.0	581115.0	0.801907	Y
2	IC 410-664115/13	20.0	16.363228	250.0	579470.0	0.818161	Y
3	IC 410-664115/14	50.0	41.247209	250.0	595113.0	0.824944	Y
4	IC 410-664115/15	100.0	88.744689	250.0	595430.0	0.887447	Y
5	ICIS 410-664115/16	250.0	221.222469	250.0	588645.0	0.88489	Y
6	IC 410-664115/17	500.0	460.752536	250.0	588331.0	0.921505	Y
7	IC 410-664115/18	1500.0	1366.623147	250.0	595510.0	0.911082	Y



Calibration

/ Methyl acrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

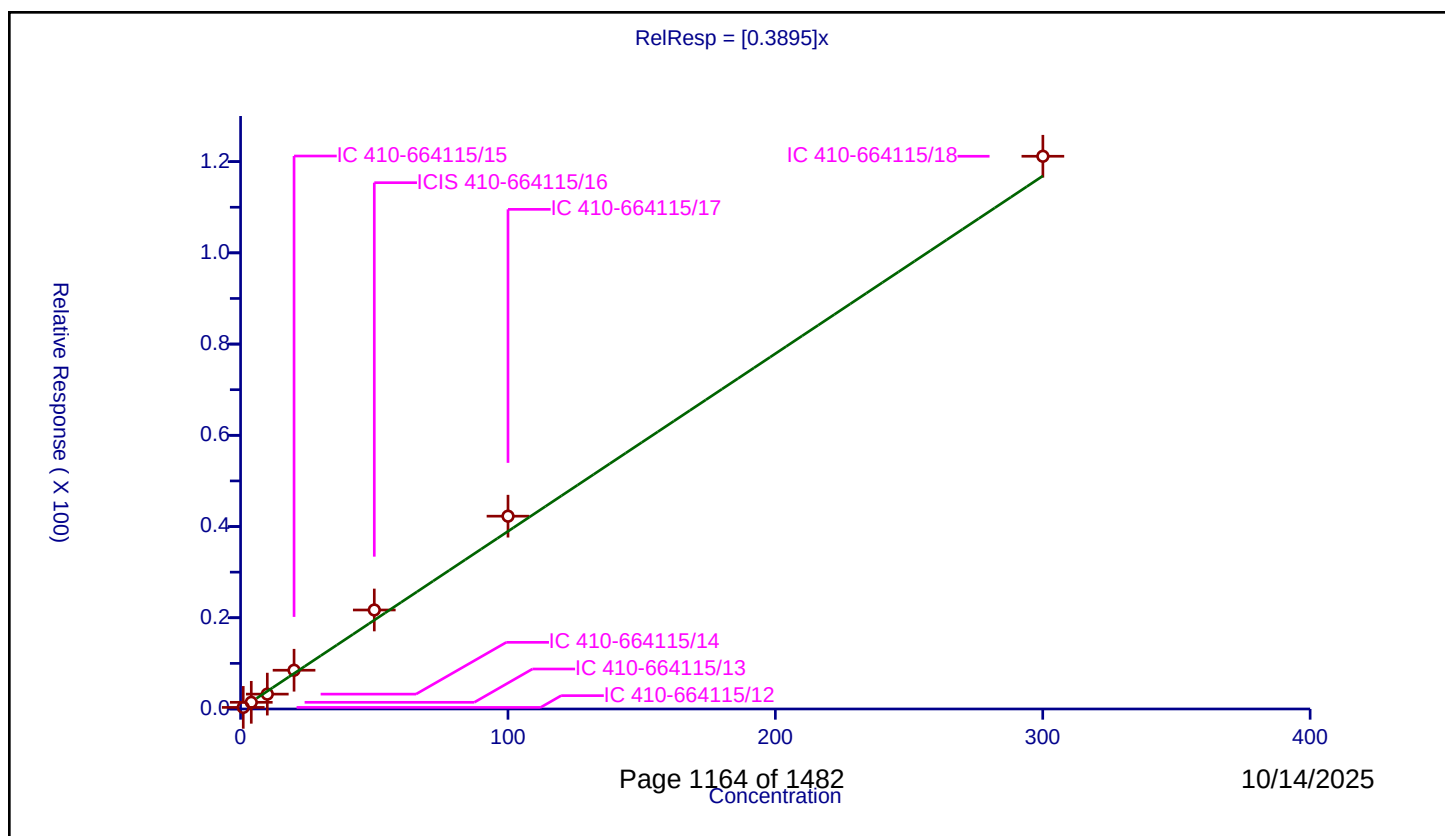
Curve Coefficients

Intercept: 0
Slope: 0.3895

Error Coefficients

Relative Standard Deviation: 10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.000186	0.349352	50.0	1142543.0	0.349287	Y
2	IC 410-664115/13	4.000742	1.462447	50.0	1188043.0	0.365544	Y
3	IC 410-664115/14	10.001856	3.261483	50.0	1175646.0	0.326088	Y
4	IC 410-664115/15	20.003712	8.500104	50.0	1196550.0	0.424926	Y
5	ICIS 410-664115/16	50.00928	21.706396	50.0	1189958.0	0.434047	Y
6	IC 410-664115/17	100.01856	42.273138	50.0	1215034.0	0.422653	Y
7	IC 410-664115/18	300.05568	121.175466	50.0	1236216.0	0.403843	Y



Calibration

/ Methacrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

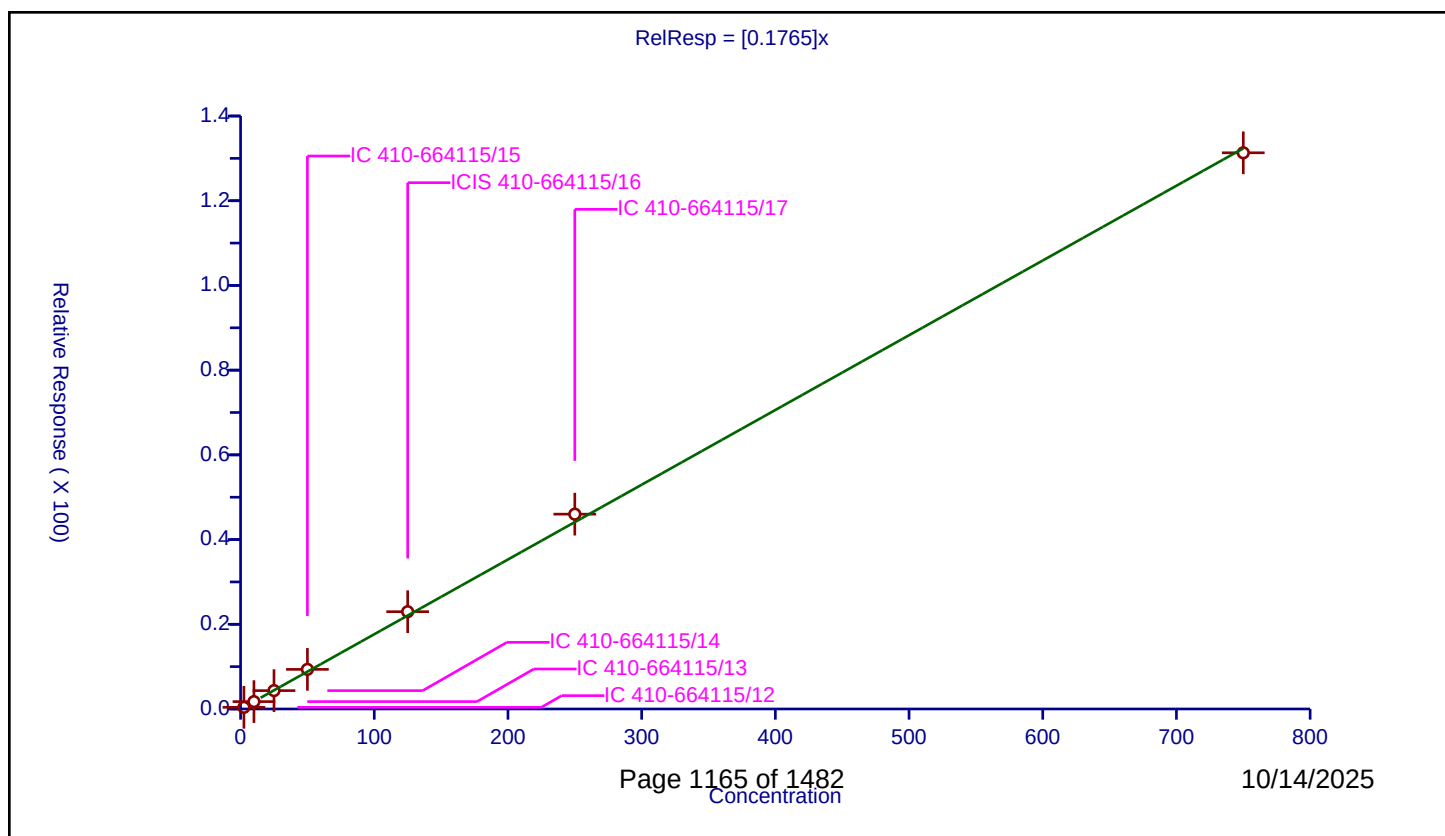
Curve Coefficients

Intercept: 0
Slope: 0.1765

Error Coefficients

Relative Standard Deviation: 5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	2.5	0.395521	50.0	1142543.0	0.158208	Y
2	IC 410-664115/13	10.0	1.738068	50.0	1188043.0	0.173807	Y
3	IC 410-664115/14	25.0	4.334851	50.0	1175646.0	0.173394	Y
4	IC 410-664115/15	50.0	9.354519	50.0	1196550.0	0.18709	Y
5	ICIS 410-664115/16	125.0	22.970769	50.0	1189958.0	0.183766	Y
6	IC 410-664115/17	250.0	45.999824	50.0	1215034.0	0.183999	Y
7	IC 410-664115/18	750.0	131.318152	50.0	1236216.0	0.175091	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

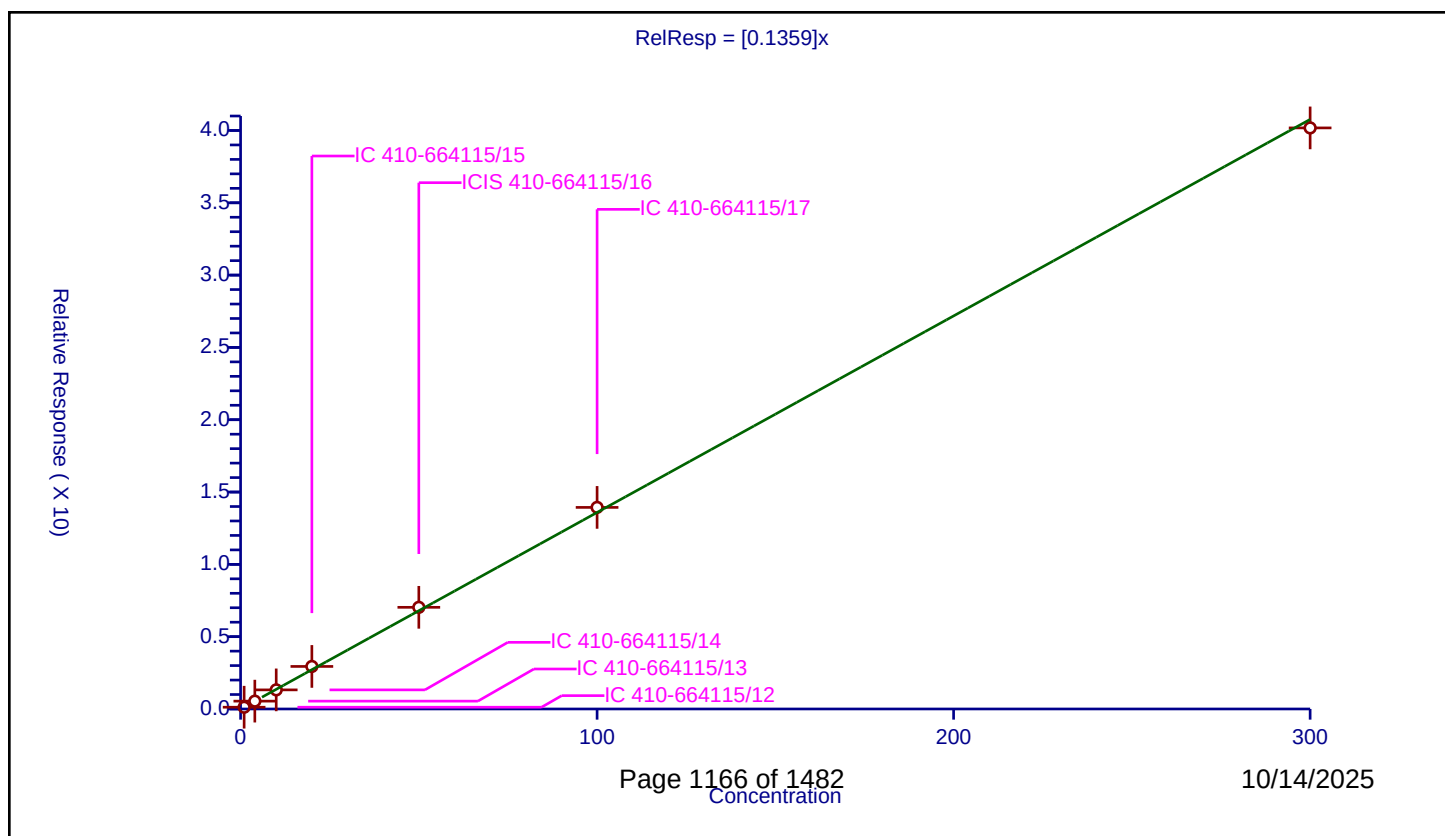
Curve Coefficients

Intercept: 0
Slope: 0.1359

Error Coefficients

Relative Standard Deviation: 5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.122315	50.0	1142543.0	0.122315	Y
2	IC 410-664115/13	4.0	0.543162	50.0	1188043.0	0.135791	Y
3	IC 410-664115/14	10.0	1.321189	50.0	1175646.0	0.132119	Y
4	IC 410-664115/15	20.0	2.941833	50.0	1196550.0	0.147092	Y
5	ICIS 410-664115/16	50.0	7.029282	50.0	1189958.0	0.140586	Y
6	IC 410-664115/17	100.0	13.938581	50.0	1215034.0	0.139386	Y
7	IC 410-664115/18	300.0	40.178456	50.0	1236216.0	0.133928	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

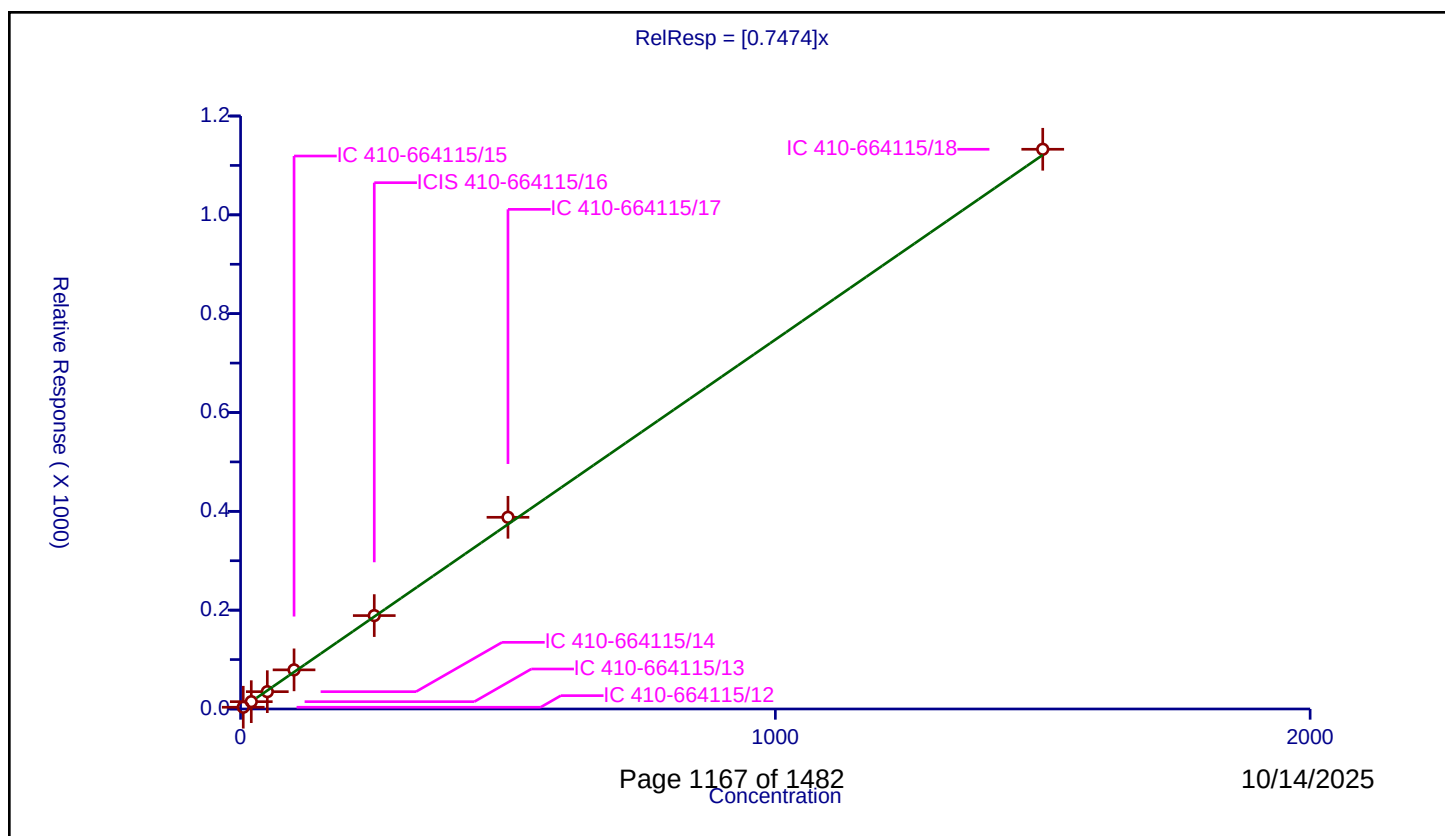
Curve Coefficients

Intercept: 0
Slope: 0.7474

Error Coefficients

Relative Standard Deviation: 4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	5.0	3.555665	250.0	581115.0	0.711133	Y
2	IC 410-664115/13	20.0	14.831657	250.0	579470.0	0.741583	Y
3	IC 410-664115/14	50.0	35.029902	250.0	595113.0	0.700598	Y
4	IC 410-664115/15	100.0	79.175134	250.0	595430.0	0.791751	Y
5	ICIS 410-664115/16	250.0	189.018848	250.0	588645.0	0.756075	Y
6	IC 410-664115/17	500.0	387.931284	250.0	588331.0	0.775863	Y
7	IC 410-664115/18	1500.0	1132.70642	250.0	595510.0	0.755138	Y



Calibration

/ Chloroform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

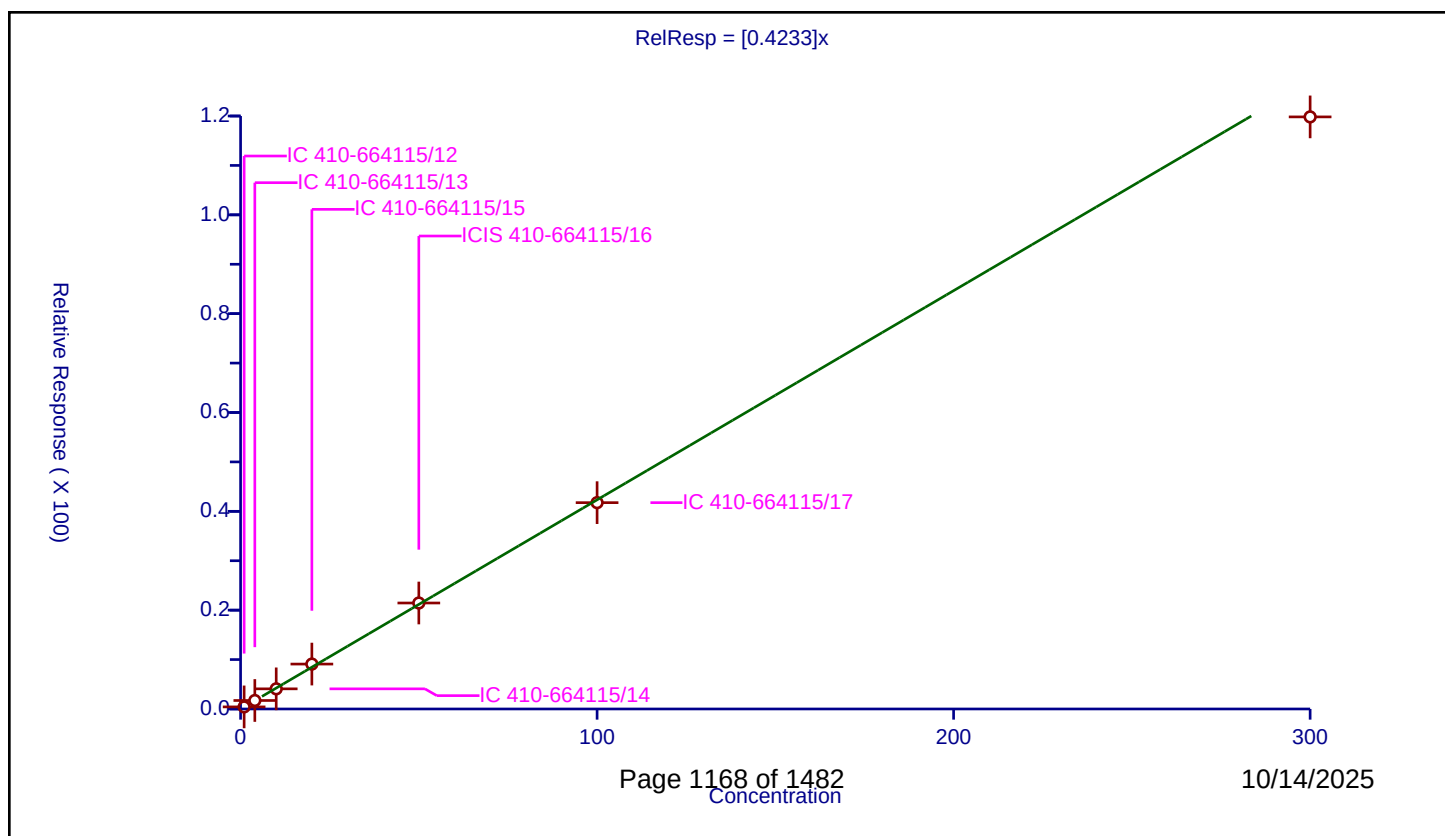
Curve Coefficients

Intercept: 0
Slope: 0.4233

Error Coefficients

Relative Standard Deviation: 4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.424754	50.0	1142543.0	0.424754	Y
2	IC 410-664115/13	4.0	1.718751	50.0	1188043.0	0.429688	Y
3	IC 410-664115/14	10.0	4.078651	50.0	1175646.0	0.407865	Y
4	IC 410-664115/15	20.0	9.093017	50.0	1196550.0	0.454651	Y
5	ICIS 410-664115/16	50.0	21.449539	50.0	1189958.0	0.428991	Y
6	IC 410-664115/17	100.0	41.757679	50.0	1215034.0	0.417577	Y
7	IC 410-664115/18	300.0	119.821657	50.0	1236216.0	0.399406	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

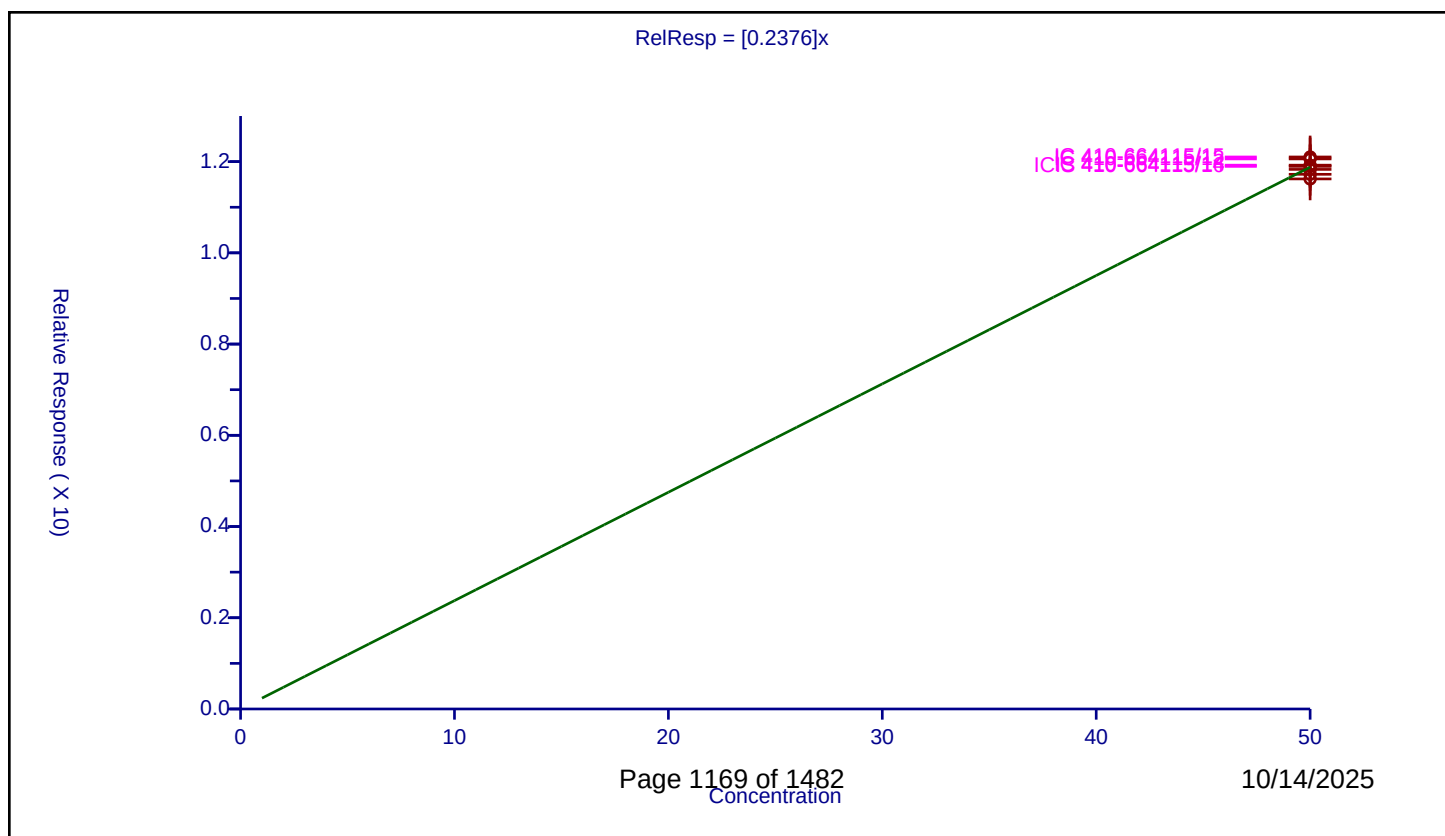
Curve Coefficients

Intercept: 0
Slope: 0.2376

Error Coefficients

Relative Standard Deviation: 1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	50.0	12.059371	50.0	1142543.0	0.241187	Y
2	IC 410-664115/13	50.0	11.829454	50.0	1188043.0	0.236589	Y
3	IC 410-664115/14	50.0	11.922424	50.0	1175646.0	0.238448	Y
4	IC 410-664115/15	50.0	12.101834	50.0	1196550.0	0.242037	Y
5	ICIS 410-664115/16	50.0	11.895882	50.0	1189958.0	0.237918	Y
6	IC 410-664115/17	50.0	11.722059	50.0	1215034.0	0.234441	Y
7	IC 410-664115/18	50.0	11.620906	50.0	1236216.0	0.232418	Y



Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

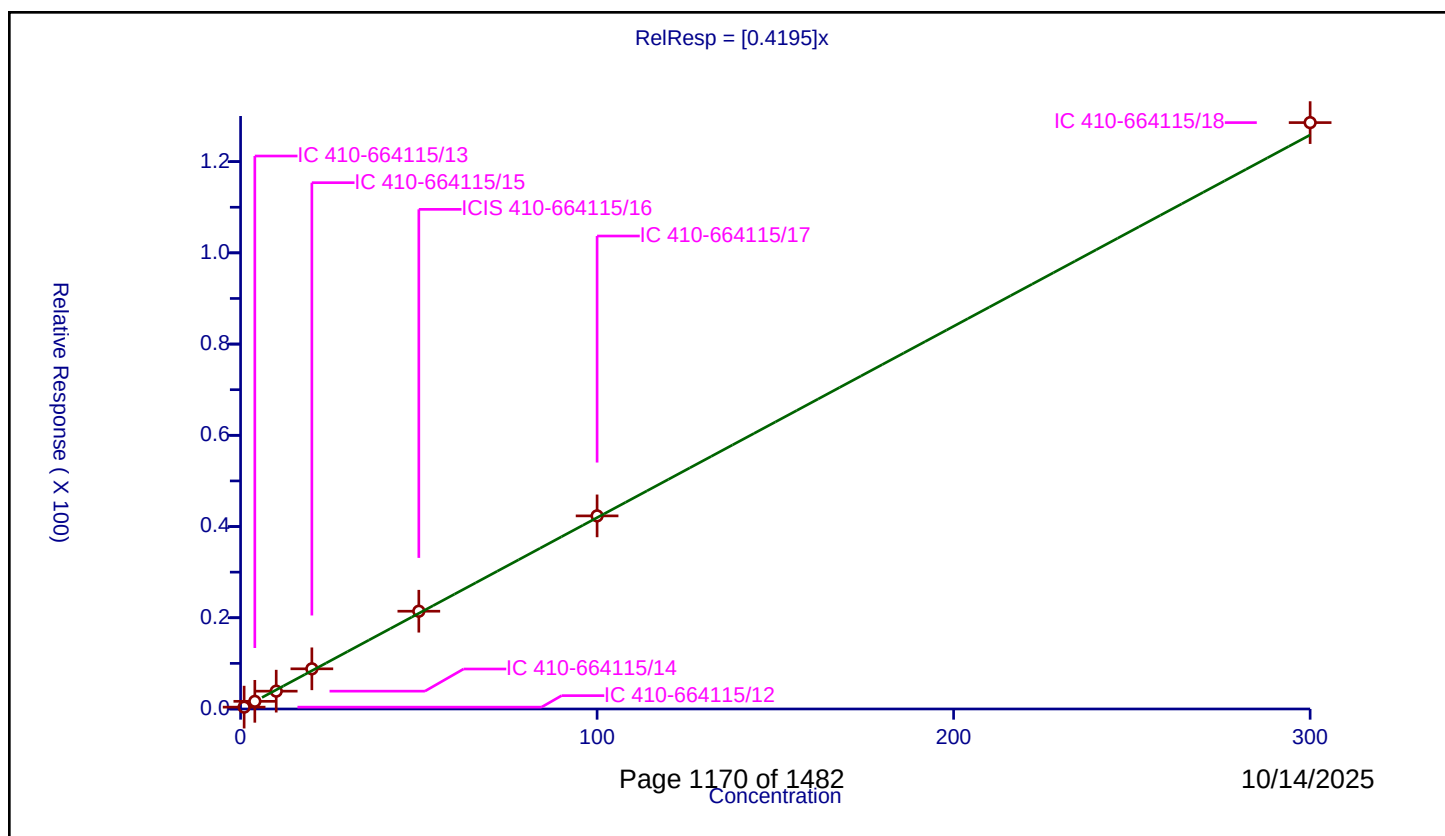
Curve Coefficients

Intercept: 0
Slope: 0.4195

Error Coefficients

Relative Standard Deviation: 3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.404755	50.0	1142543.0	0.404755	Y
2	IC 410-664115/13	4.0	1.678559	50.0	1188043.0	0.41964	Y
3	IC 410-664115/14	10.0	3.910531	50.0	1175646.0	0.391053	Y
4	IC 410-664115/15	20.0	8.808993	50.0	1196550.0	0.44045	Y
5	ICIS 410-664115/16	50.0	21.438068	50.0	1189958.0	0.428761	Y
6	IC 410-664115/17	100.0	42.33577	50.0	1215034.0	0.423358	Y
7	IC 410-664115/18	300.0	128.554112	50.0	1236216.0	0.428514	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

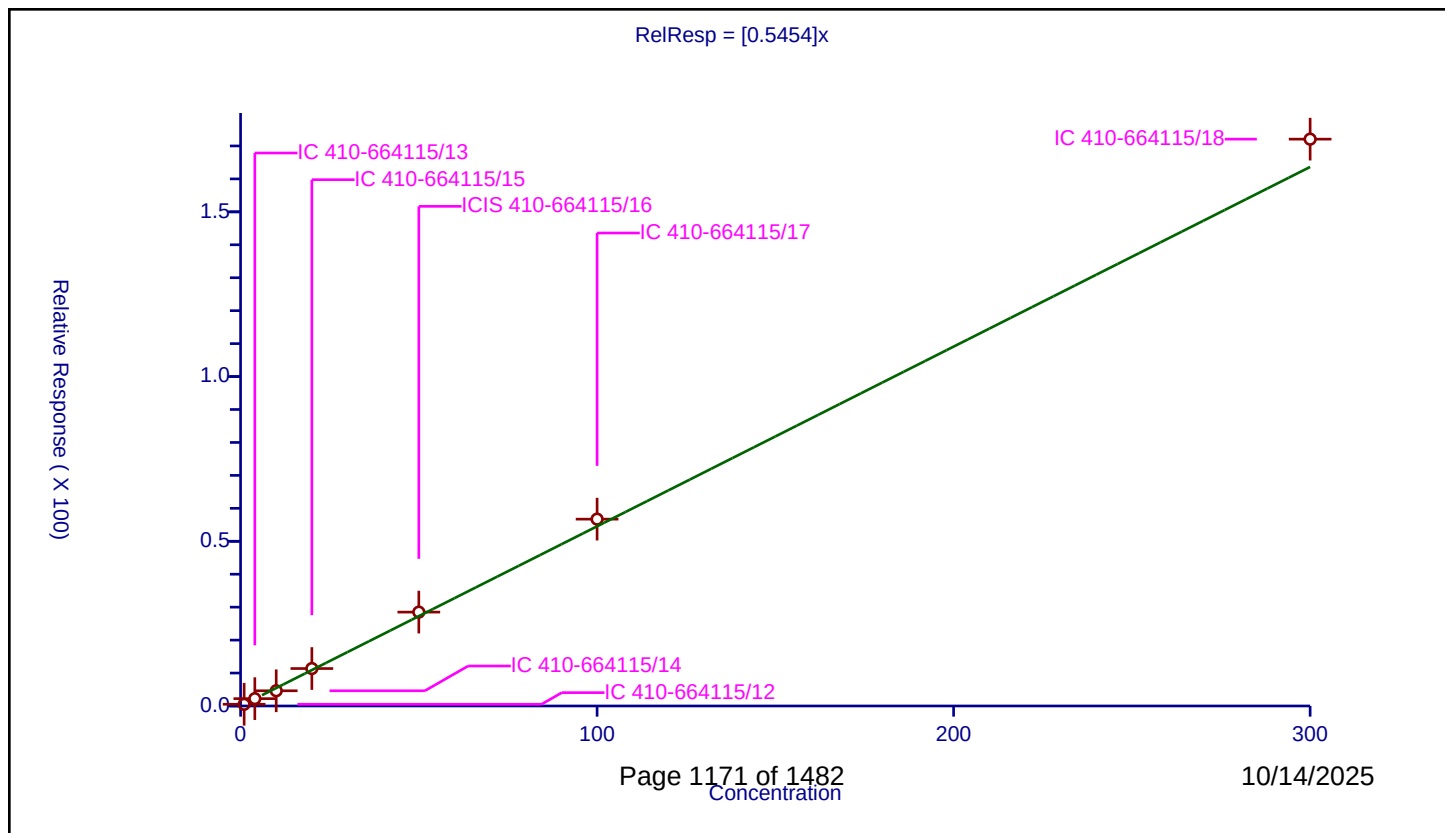
Curve Coefficients

Intercept: 0
Slope: 0.5454

Error Coefficients

Relative Standard Deviation: 7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.51963	50.0	1142543.0	0.51963	Y
2	IC 410-664115/13	4.0	2.228707	50.0	1188043.0	0.557177	Y
3	IC 410-664115/14	10.0	4.620779	50.0	1175646.0	0.462078	Y
4	IC 410-664115/15	20.0	11.369061	50.0	1196550.0	0.568453	Y
5	ICIS 410-664115/16	50.0	28.496258	50.0	1189958.0	0.569925	Y
6	IC 410-664115/17	100.0	56.717261	50.0	1215034.0	0.567173	Y
7	IC 410-664115/18	300.0	172.06722	50.0	1236216.0	0.573557	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

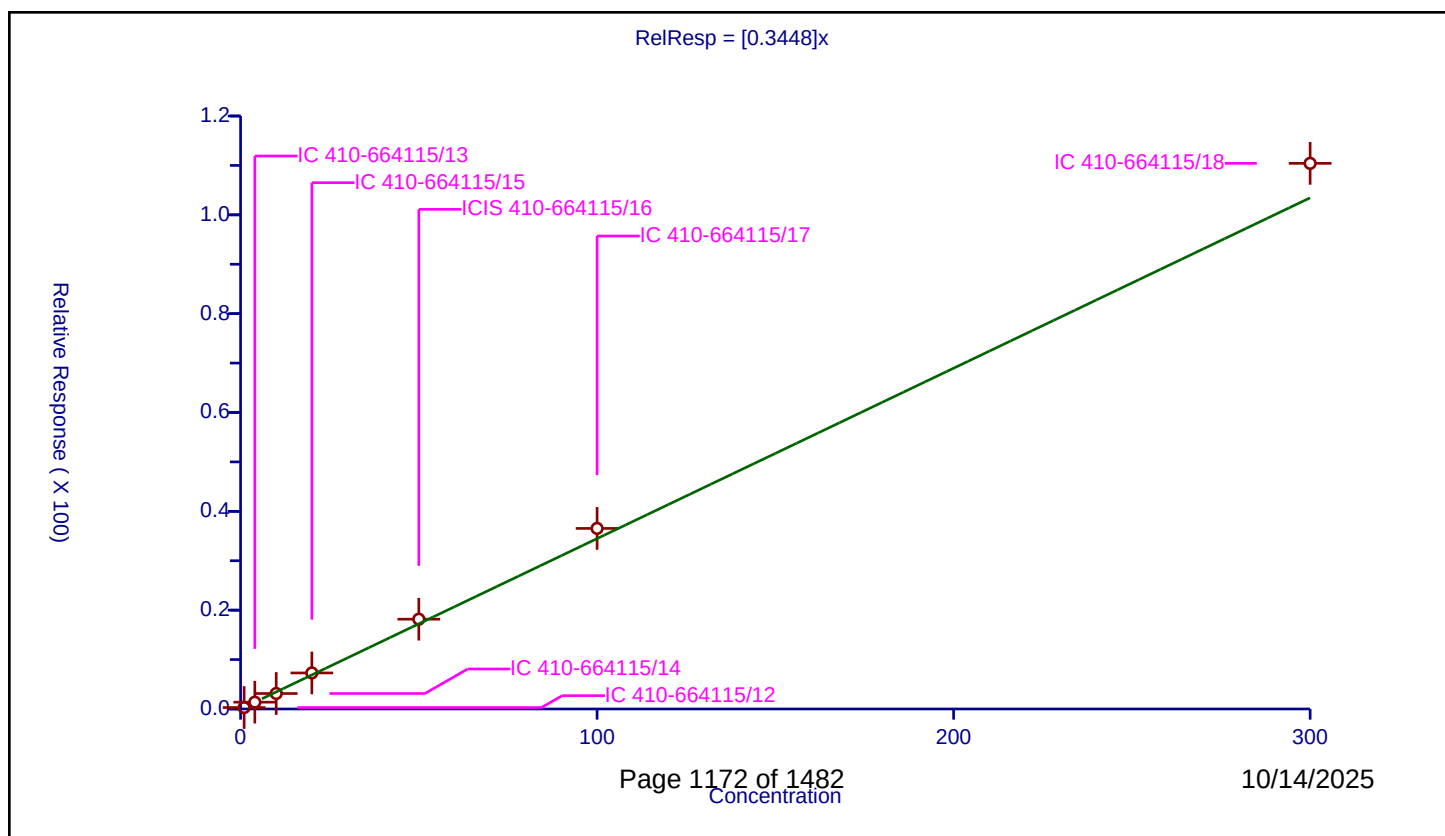
Curve Coefficients

Intercept: 0
Slope: 0.3448

Error Coefficients

Relative Standard Deviation: 8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.293775	50.0	1142543.0	0.293775	Y
2	IC 410-664115/13	4.0	1.379664	50.0	1188043.0	0.344916	Y
3	IC 410-664115/14	10.0	3.133766	50.0	1175646.0	0.313377	Y
4	IC 410-664115/15	20.0	7.295642	50.0	1196550.0	0.364782	Y
5	ICIS 410-664115/16	50.0	18.170809	50.0	1189958.0	0.363416	Y
6	IC 410-664115/17	100.0	36.540706	50.0	1215034.0	0.365407	Y
7	IC 410-664115/18	300.0	110.420347	50.0	1236216.0	0.368068	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

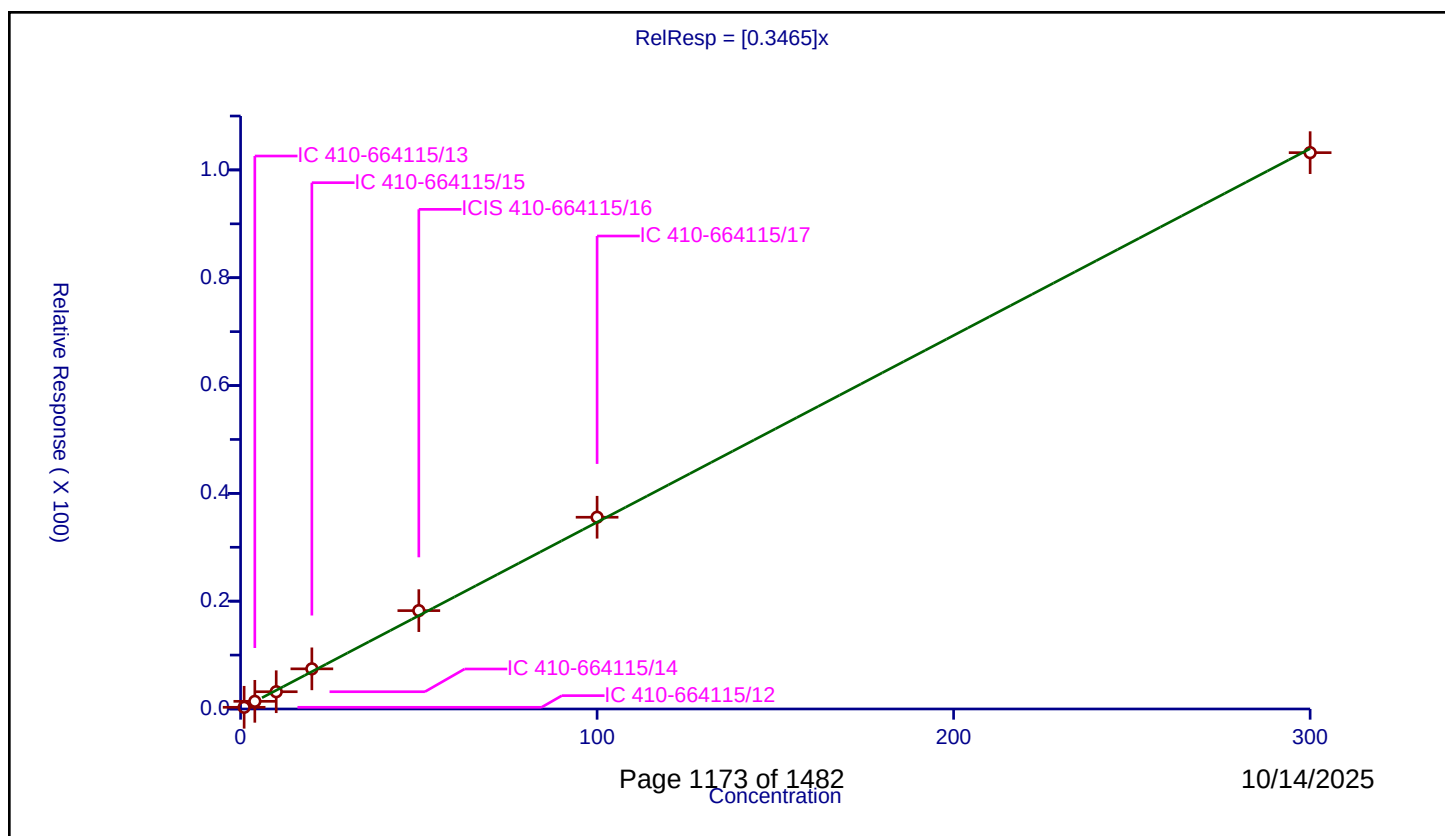
Curve Coefficients

Intercept: 0
Slope: 0.3465

Error Coefficients

Relative Standard Deviation: 6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.313161	50.0	1142543.0	0.313161	Y
2	IC 410-664115/13	4.0	1.420235	50.0	1188043.0	0.355059	Y
3	IC 410-664115/14	10.0	3.200581	50.0	1175646.0	0.320058	Y
4	IC 410-664115/15	20.0	7.448999	50.0	1196550.0	0.37245	Y
5	ICIS 410-664115/16	50.0	18.244467	50.0	1189958.0	0.364889	Y
6	IC 410-664115/17	100.0	35.568099	50.0	1215034.0	0.355681	Y
7	IC 410-664115/18	300.0	103.204214	50.0	1236216.0	0.344014	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

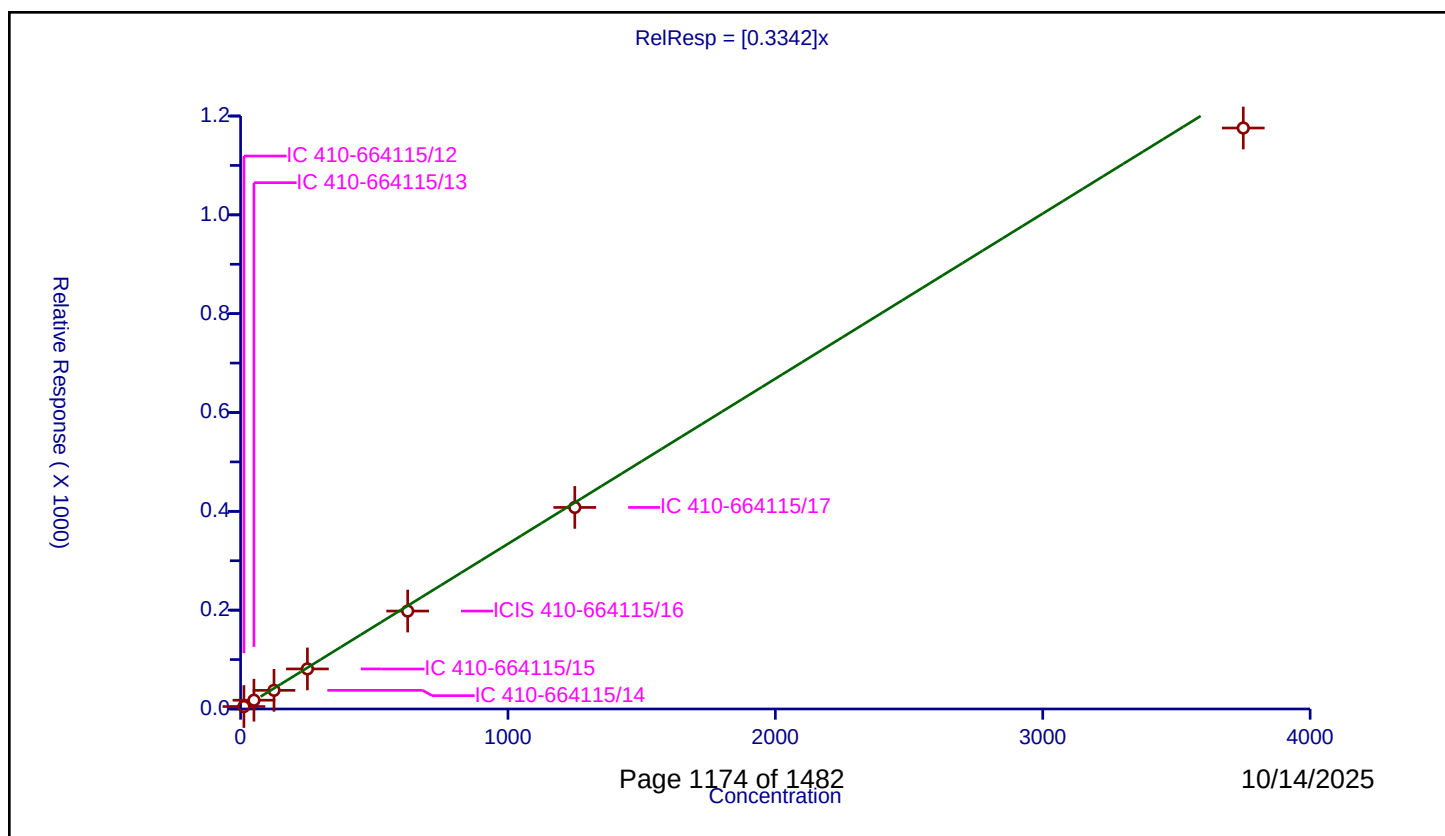
Curve Coefficients

Intercept: 0
Slope: 0.3342

Error Coefficients

Relative Standard Deviation: 10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	12.5	5.002452	250.0	581115.0	0.400196	Y
2	IC 410-664115/13	50.0	17.787806	250.0	579470.0	0.355756	Y
3	IC 410-664115/14	125.0	37.762996	250.0	595113.0	0.302104	Y
4	IC 410-664115/15	250.0	81.097274	250.0	595430.0	0.324389	Y
5	ICIS 410-664115/16	625.0	198.197131	250.0	588645.0	0.317115	Y
6	IC 410-664115/17	1250.0	407.871164	250.0	588331.0	0.326297	Y
7	IC 410-664115/18	3750.0	1175.691844	250.0	595510.0	0.313518	Y



Calibration

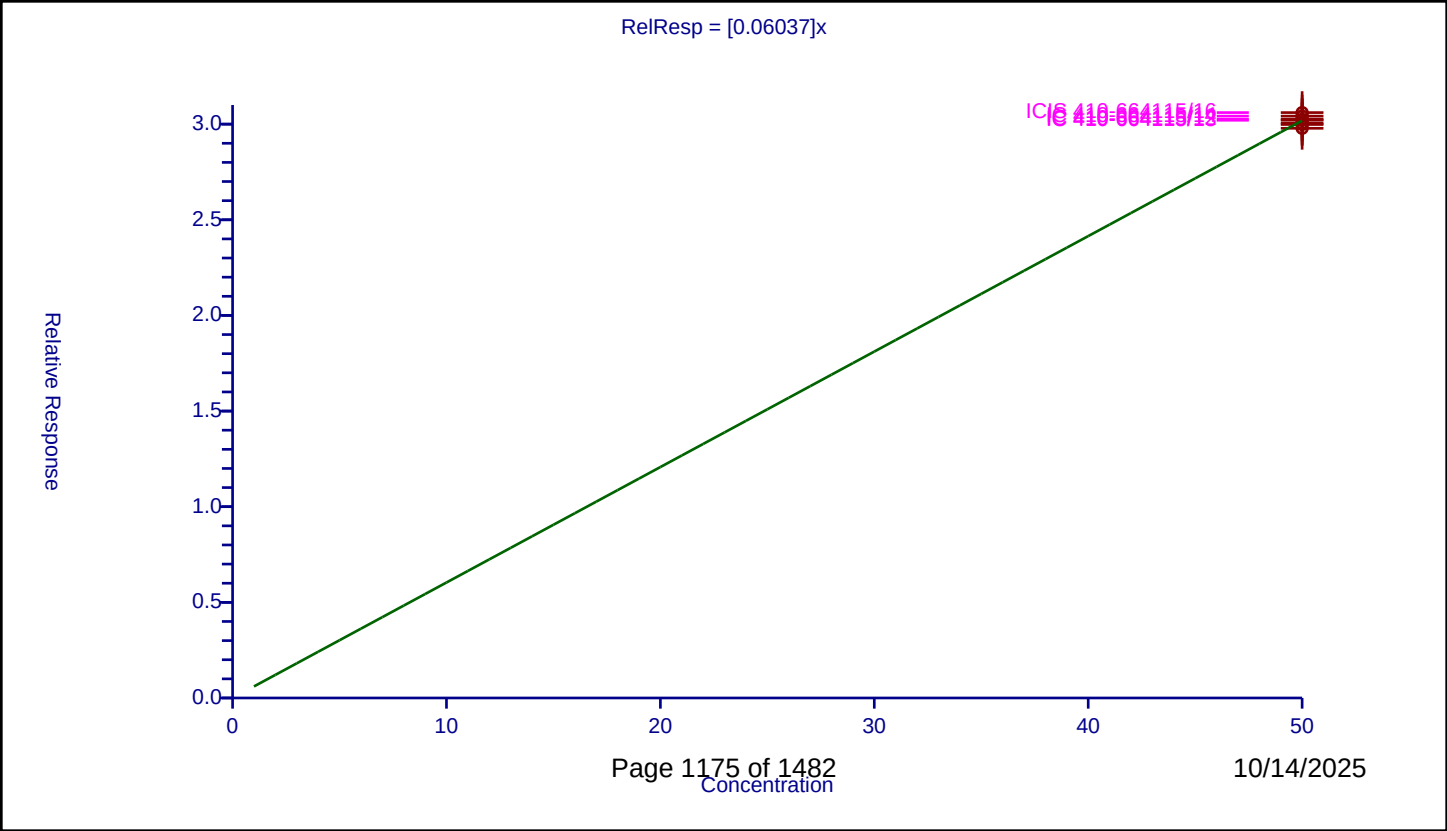
/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.06037
Error Coefficients	

Relative Standard Deviation: 0.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	50.0	3.025225	50.0	1142543.0	0.060505	Y
2	IC 410-664115/13	50.0	3.020303	50.0	1188043.0	0.060406	Y
3	IC 410-664115/14	50.0	3.041817	50.0	1175646.0	0.060836	Y
4	IC 410-664115/15	50.0	2.978354	50.0	1196550.0	0.059567	Y
5	ICIS 410-664115/16	50.0	3.06036	50.0	1189958.0	0.061207	Y
6	IC 410-664115/17	50.0	3.004196	50.0	1215034.0	0.060084	Y
7	IC 410-664115/18	50.0	2.998101	50.0	1236216.0	0.059962	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

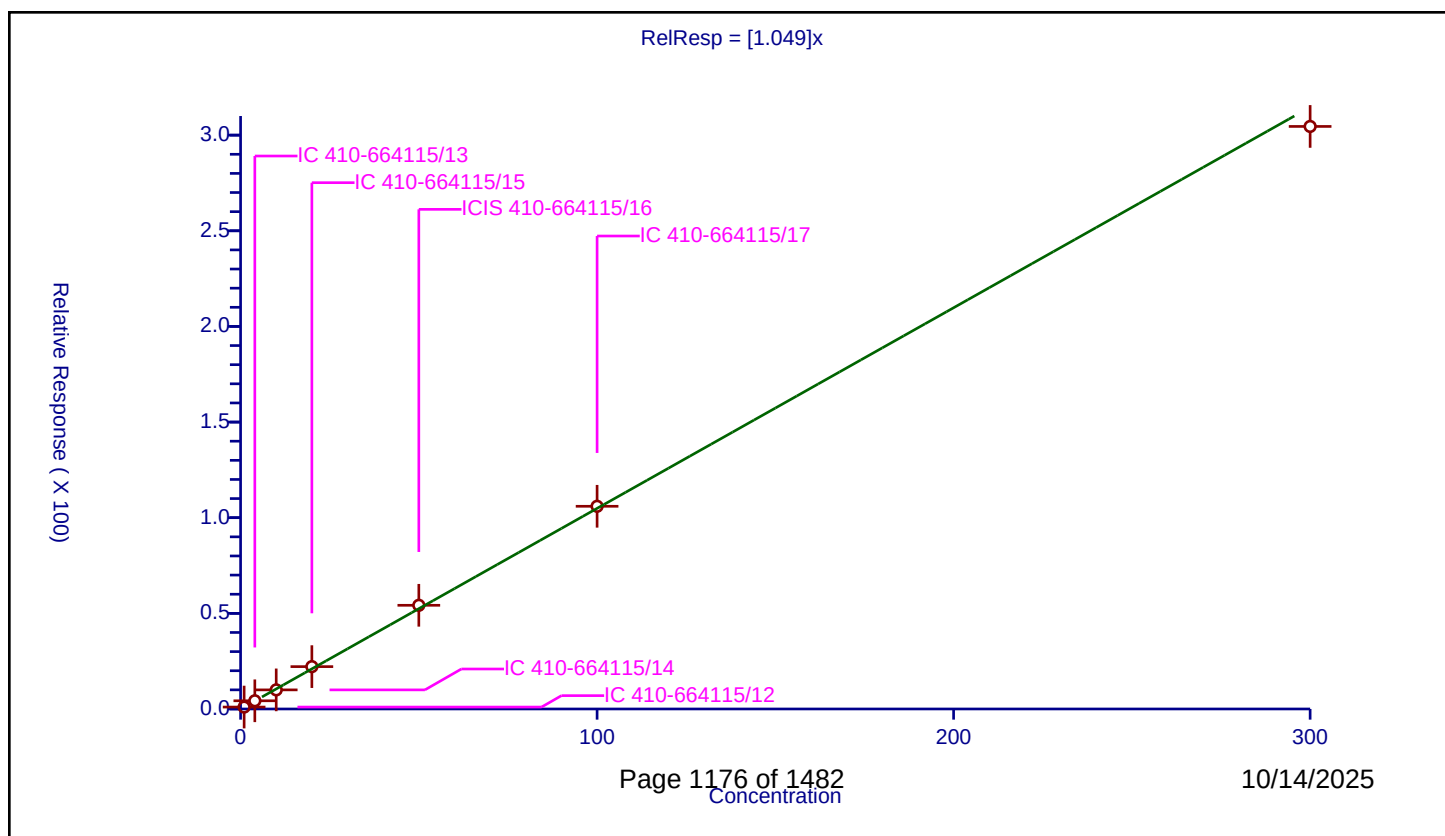
Curve Coefficients

Intercept: 0
Slope: 1.049

Error Coefficients

Relative Standard Deviation: 4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.004426	50.0	1142543.0	1.004426	Y
2	IC 410-664115/13	4.0	4.288734	50.0	1188043.0	1.072183	Y
3	IC 410-664115/14	10.0	9.984341	50.0	1175646.0	0.998434	Y
4	IC 410-664115/15	20.0	22.150182	50.0	1196550.0	1.107509	Y
5	ICIS 410-664115/16	50.0	54.203804	50.0	1189958.0	1.084076	Y
6	IC 410-664115/17	100.0	105.9758	50.0	1215034.0	1.059758	Y
7	IC 410-664115/18	300.0	304.545565	50.0	1236216.0	1.015152	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

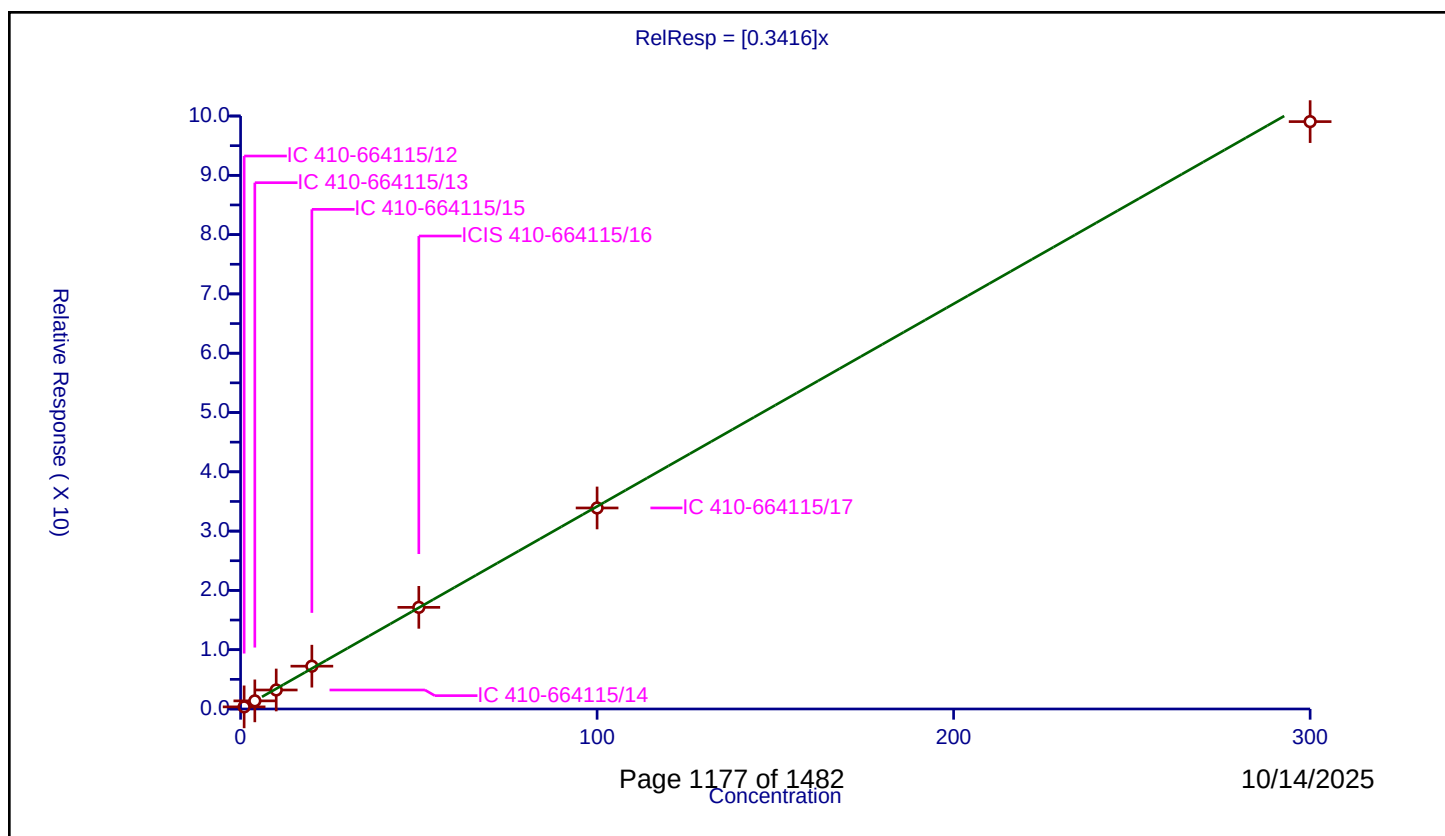
Curve Coefficients

Intercept: 0
Slope: 0.3416

Error Coefficients

Relative Standard Deviation: 4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.356135	50.0	1142543.0	0.356135	Y
2	IC 410-664115/13	4.0	1.367459	50.0	1188043.0	0.341865	Y
3	IC 410-664115/14	10.0	3.202622	50.0	1175646.0	0.320262	Y
4	IC 410-664115/15	20.0	7.219464	50.0	1196550.0	0.360973	Y
5	ICIS 410-664115/16	50.0	17.13947	50.0	1189958.0	0.342789	Y
6	IC 410-664115/17	100.0	33.900245	50.0	1215034.0	0.339002	Y
7	IC 410-664115/18	300.0	99.053361	50.0	1236216.0	0.330178	Y



Calibration

/ Tert-amyl methyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

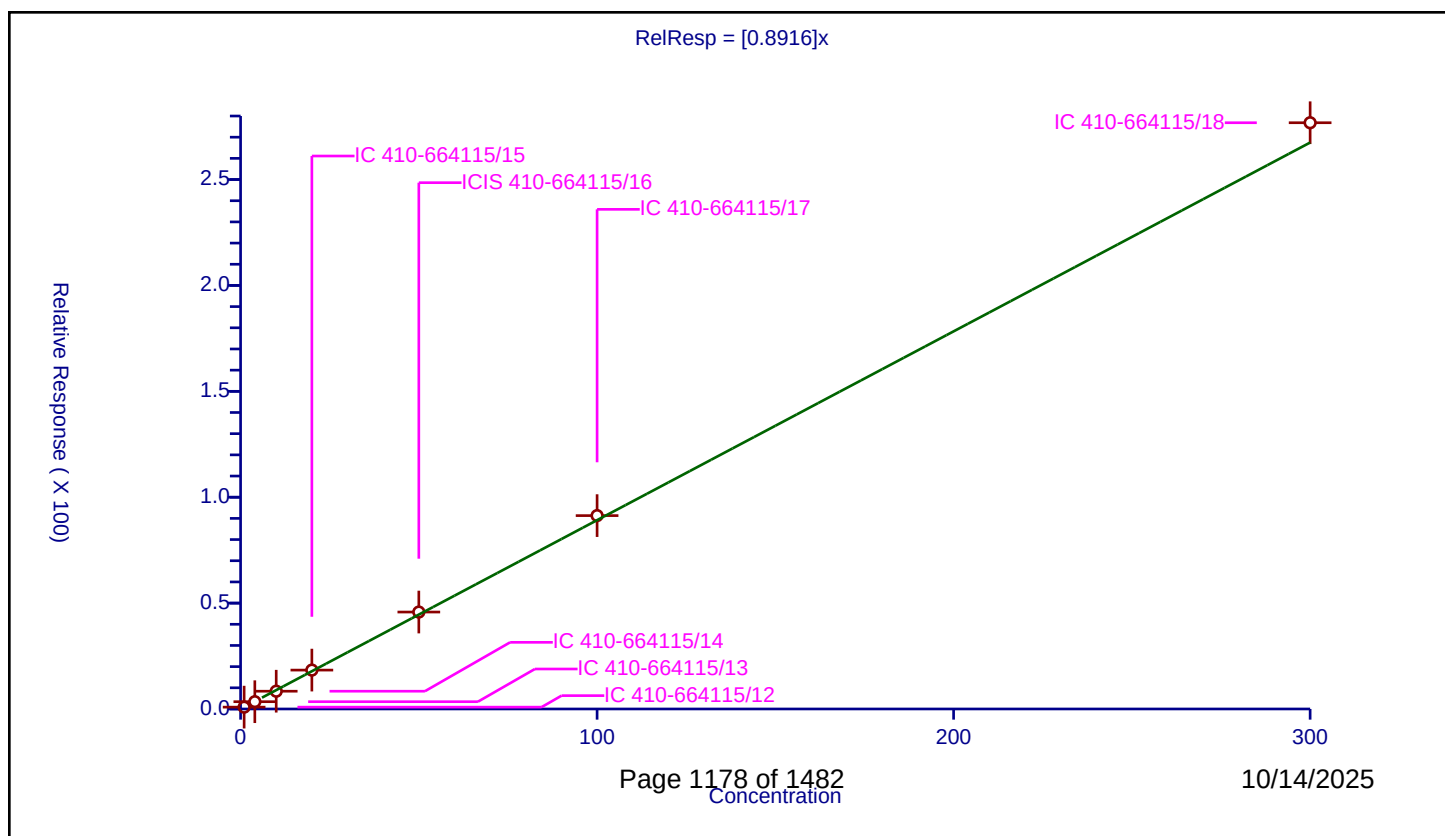
Curve Coefficients

Intercept: 0
Slope: 0.8916

Error Coefficients

Relative Standard Deviation: 3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.870033	50.0	1142543.0	0.870033	Y
2	IC 410-664115/13	4.0	3.447602	50.0	1188043.0	0.861901	Y
3	IC 410-664115/14	10.0	8.393981	50.0	1175646.0	0.839398	Y
4	IC 410-664115/15	20.0	18.365969	50.0	1196550.0	0.918298	Y
5	ICIS 410-664115/16	50.0	45.771615	50.0	1189958.0	0.915432	Y
6	IC 410-664115/17	100.0	91.314893	50.0	1215034.0	0.913149	Y
7	IC 410-664115/18	300.0	276.820839	50.0	1236216.0	0.922736	Y



Calibration

/ n-Heptane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

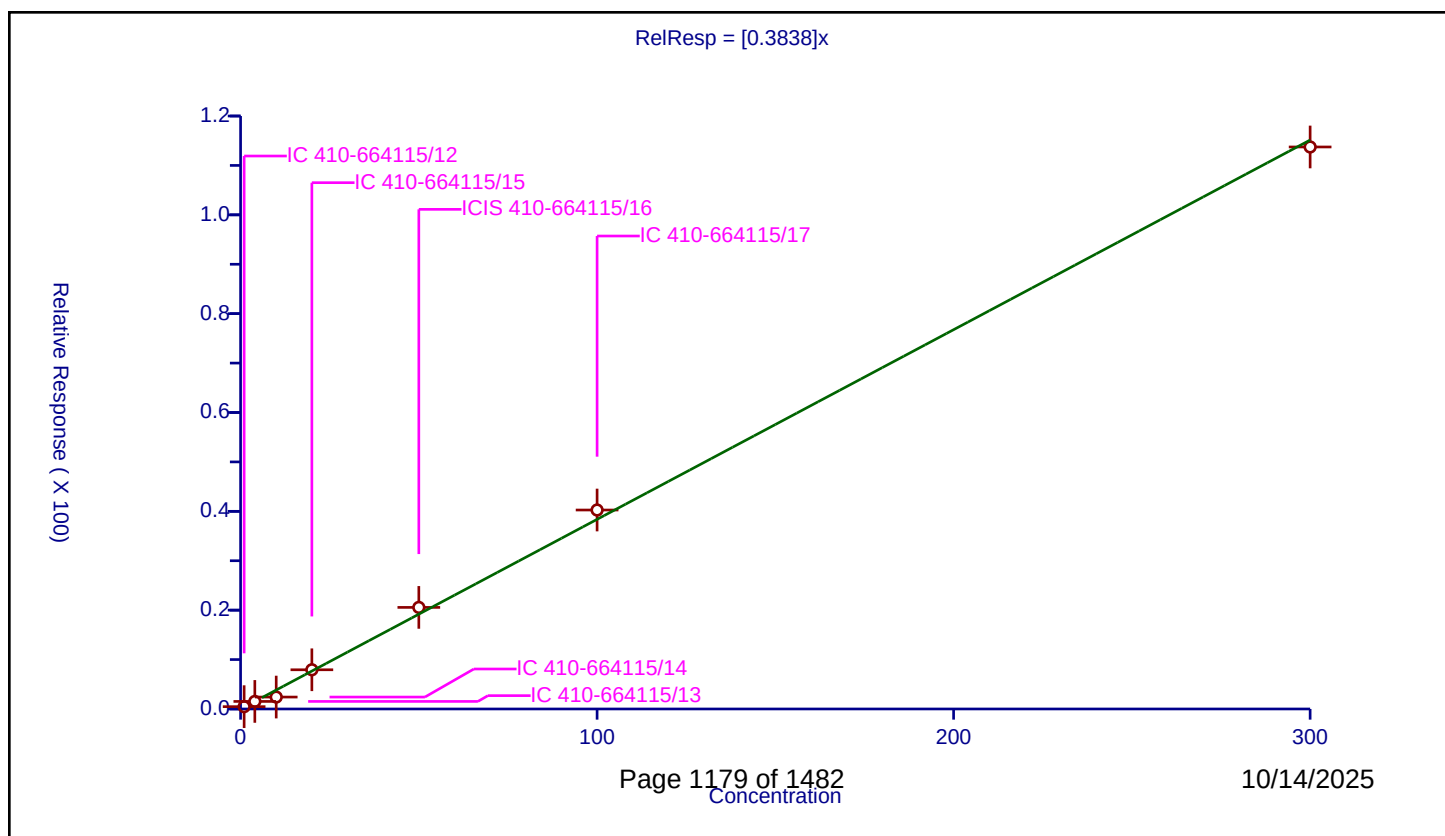
Curve Coefficients

Intercept: 0
Slope: 0.3838

Error Coefficients

Relative Standard Deviation: 18.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.472717	50.0	1142543.0	0.472717	Y
2	IC 410-664115/13	4.0	1.531089	50.0	1188043.0	0.382772	Y
3	IC 410-664115/14	10.0	2.412588	50.0	1175646.0	0.241259	Y
4	IC 410-664115/15	20.0	7.937445	50.0	1196550.0	0.396872	Y
5	ICIS 410-664115/16	50.0	20.556944	50.0	1189958.0	0.411139	Y
6	IC 410-664115/17	100.0	40.264264	50.0	1215034.0	0.402643	Y
7	IC 410-664115/18	300.0	113.734412	50.0	1236216.0	0.379115	Y



Calibration

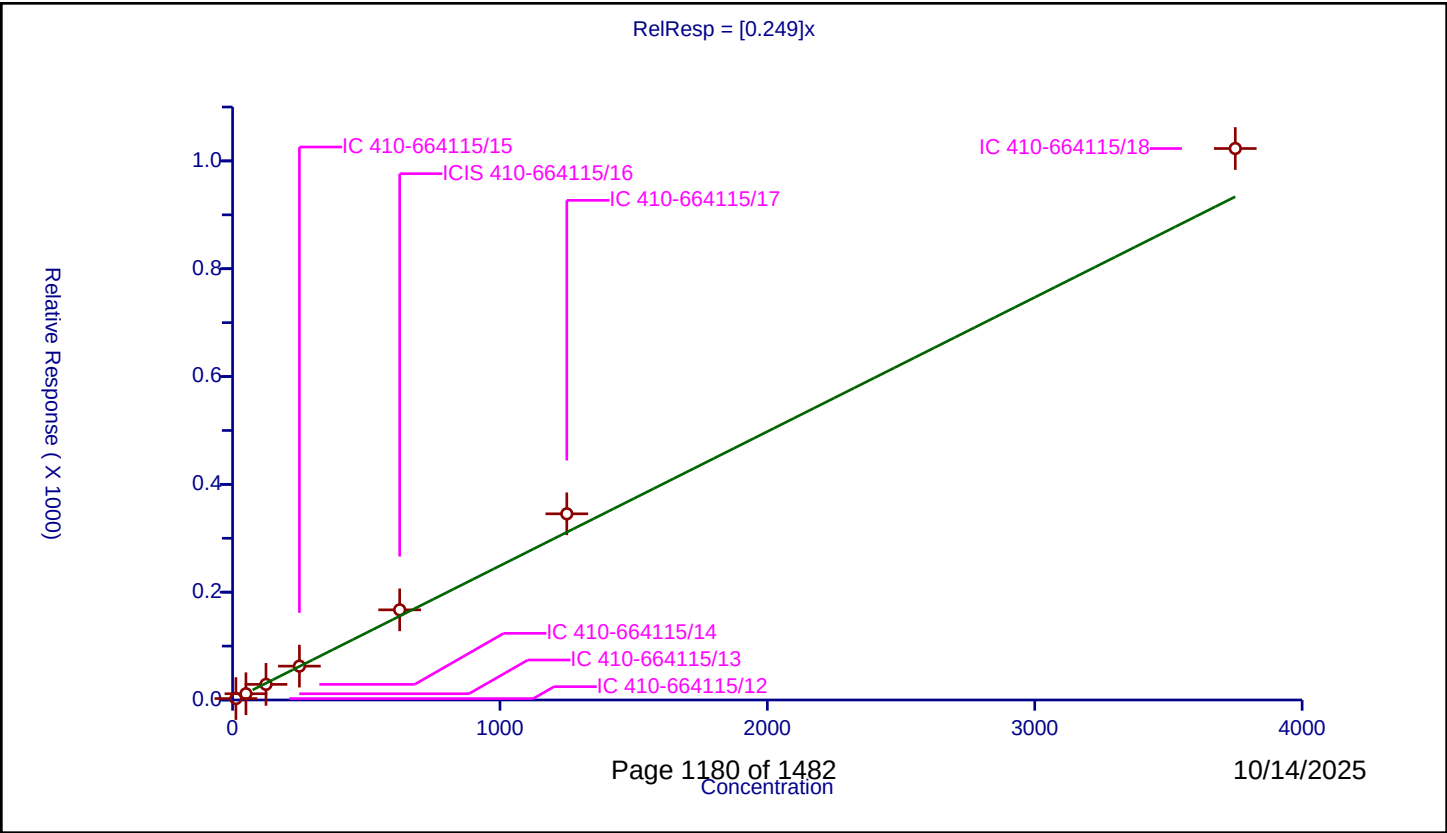
/ n-Butanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.249
Error Coefficients	

Relative Standard Deviation: 9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	12.5	2.639323	250.0	581115.0	0.211146	Y
2	IC 410-664115/13	50.0	11.611904	250.0	579470.0	0.232238	Y
3	IC 410-664115/14	125.0	28.943663	250.0	595113.0	0.231549	Y
4	IC 410-664115/15	250.0	62.798314	250.0	595430.0	0.251193	Y
5	ICIS 410-664115/16	625.0	167.231099	250.0	588645.0	0.26757	Y
6	IC 410-664115/17	1250.0	345.376582	250.0	588331.0	0.276301	Y
7	IC 410-664115/18	3750.0	1023.042854	250.0	595510.0	0.272811	Y



Calibration

/ Trichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

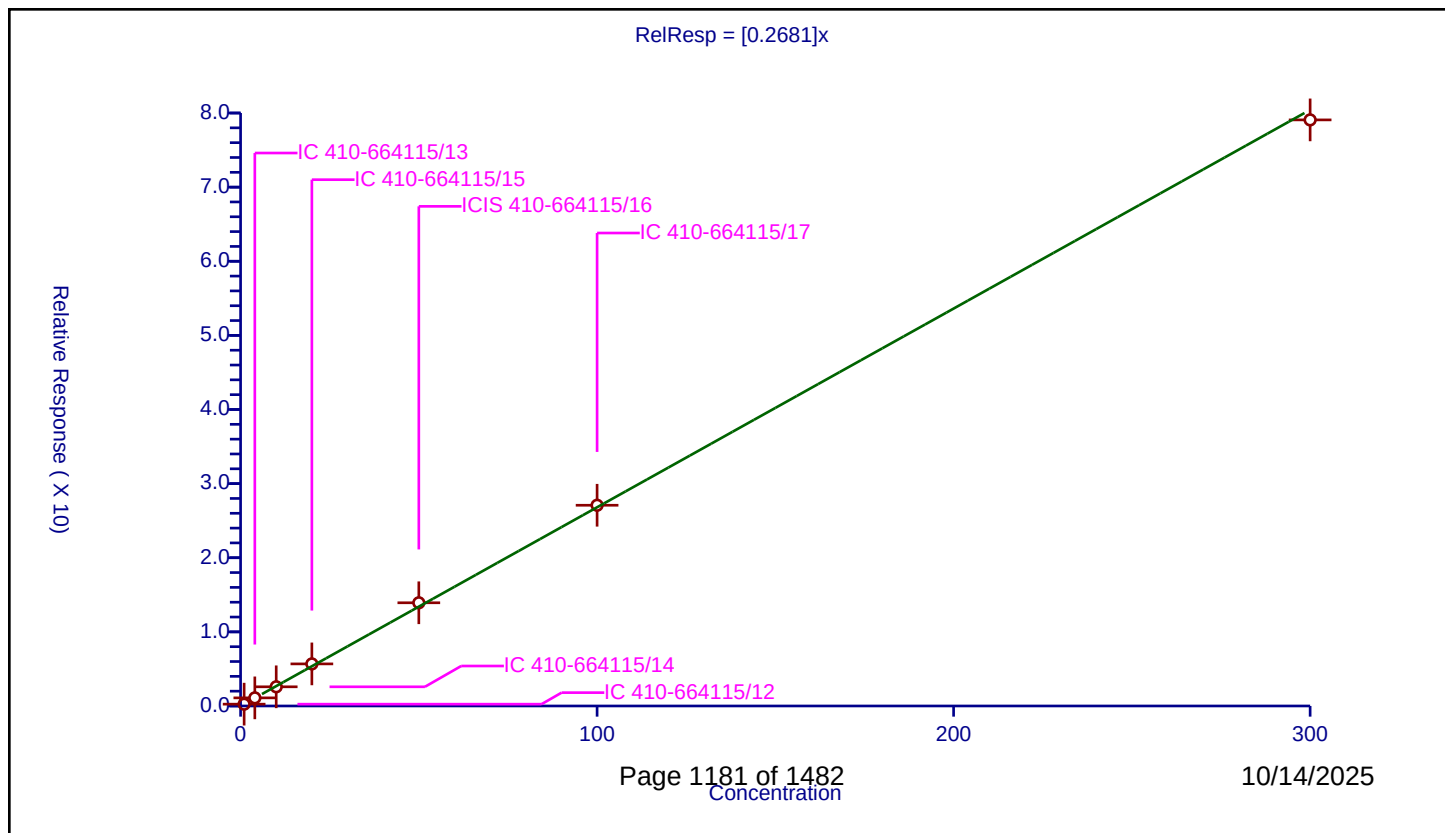
Curve Coefficients

Intercept: 0
Slope: 0.2681

Error Coefficients

Relative Standard Deviation: 4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.246862	50.0	1142543.0	0.246862	Y
2	IC 410-664115/13	4.0	1.096804	50.0	1188043.0	0.274201	Y
3	IC 410-664115/14	10.0	2.587343	50.0	1175646.0	0.258734	Y
4	IC 410-664115/15	20.0	5.677866	50.0	1196550.0	0.283893	Y
5	ICIS 410-664115/16	50.0	13.924399	50.0	1189958.0	0.278488	Y
6	IC 410-664115/17	100.0	27.081506	50.0	1215034.0	0.270815	Y
7	IC 410-664115/18	300.0	79.072104	50.0	1236216.0	0.263574	Y



Calibration

/ Ethyl acrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

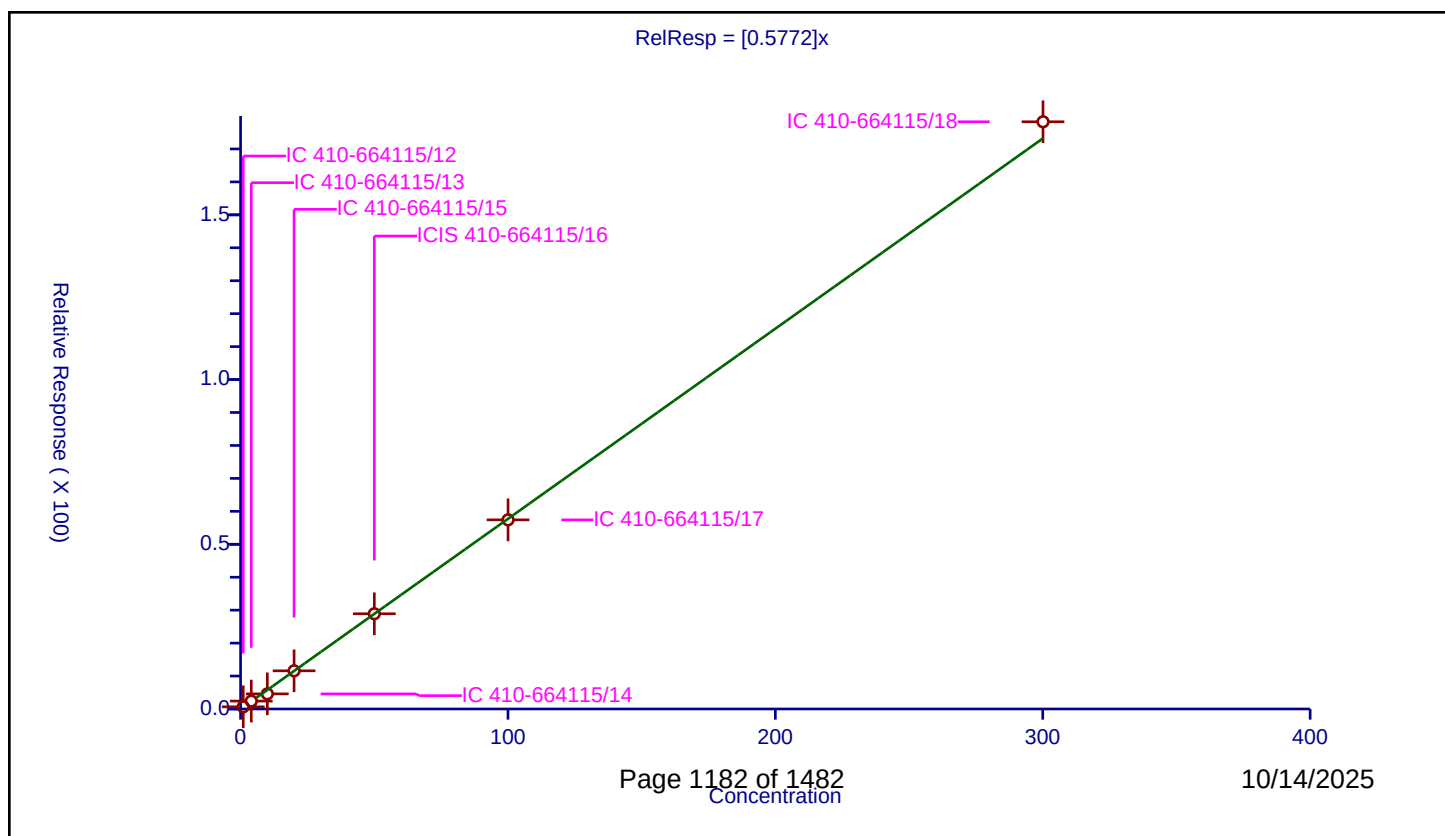
Curve Coefficients

Intercept: 0
Slope: 0.5772

Error Coefficients

Relative Standard Deviation: 10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.000354	0.656999	50.0	1142543.0	0.656767	Y
2	IC 410-664115/13	4.001415	2.401891	50.0	1188043.0	0.60026	Y
3	IC 410-664115/14	10.003538	4.587691	50.0	1175646.0	0.458607	Y
4	IC 410-664115/15	20.007076	11.586561	50.0	1196550.0	0.579123	Y
5	ICIS 410-664115/16	50.01769	28.903457	50.0	1189958.0	0.577865	Y
6	IC 410-664115/17	100.03538	57.413414	50.0	1215034.0	0.573931	Y
7	IC 410-664115/18	300.10614	178.255418	50.0	1236216.0	0.593975	Y



Calibration

/ Methylcyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

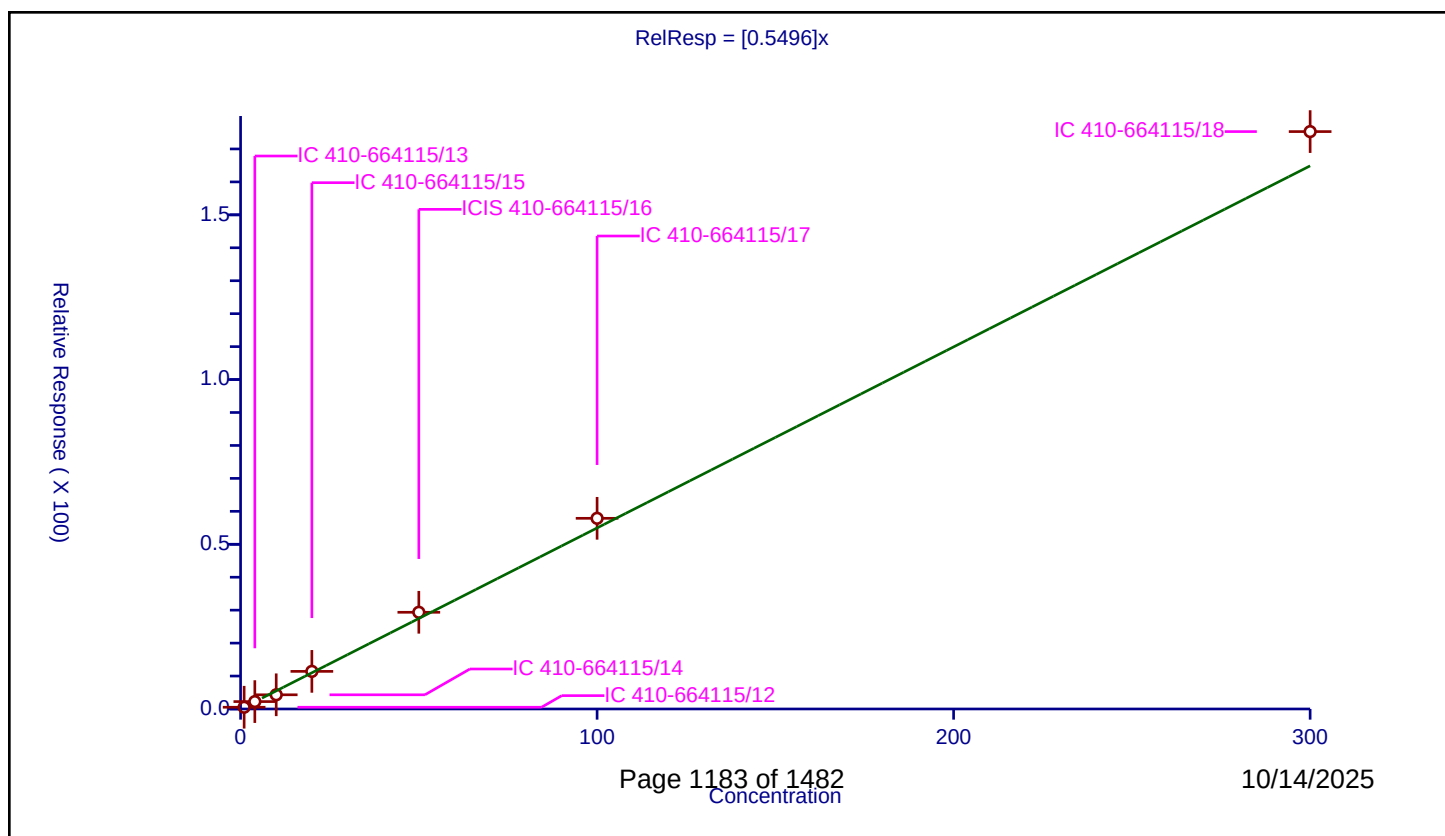
Curve Coefficients

Intercept: 0
Slope: 0.5496

Error Coefficients

Relative Standard Deviation: 10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.532715	50.0	1142543.0	0.532715	Y
2	IC 410-664115/13	4.0	2.247604	50.0	1188043.0	0.561901	Y
3	IC 410-664115/14	10.0	4.311927	50.0	1175646.0	0.431193	Y
4	IC 410-664115/15	20.0	11.418787	50.0	1196550.0	0.570939	Y
5	ICIS 410-664115/16	50.0	29.357885	50.0	1189958.0	0.587158	Y
6	IC 410-664115/17	100.0	57.878956	50.0	1215034.0	0.57879	Y
7	IC 410-664115/18	300.0	175.269451	50.0	1236216.0	0.584232	Y



Calibration

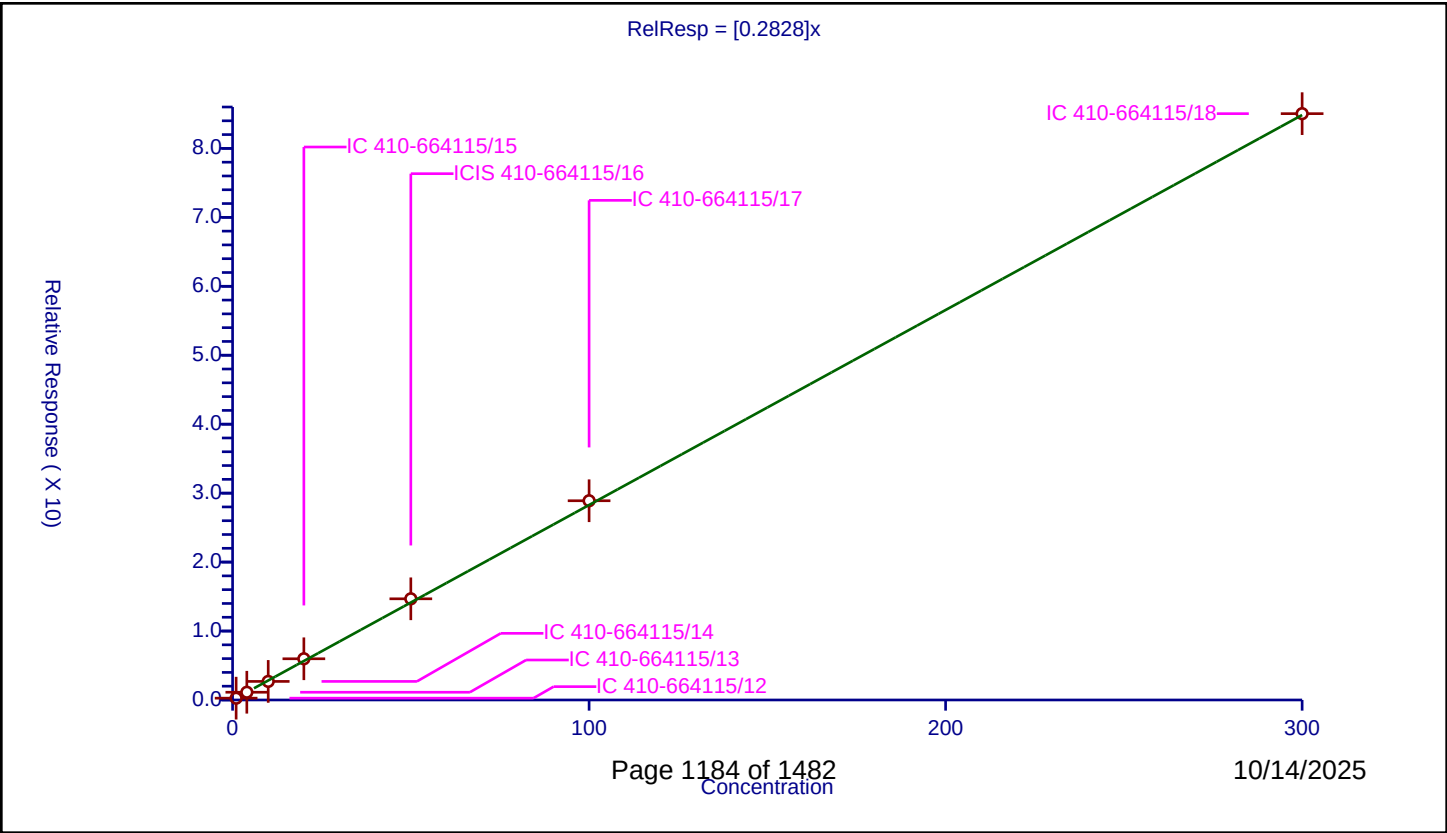
/ 1,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2828
Error Coefficients	

Relative Standard Deviation: 4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.264454	50.0	1142543.0	0.264454	Y
2	IC 410-664115/13	4.0	1.123739	50.0	1188043.0	0.280935	Y
3	IC 410-664115/14	10.0	2.694774	50.0	1175646.0	0.269477	Y
4	IC 410-664115/15	20.0	5.975513	50.0	1196550.0	0.298776	Y
5	ICIS 410-664115/16	50.0	14.676905	50.0	1189958.0	0.293538	Y
6	IC 410-664115/17	100.0	28.894418	50.0	1215034.0	0.288944	Y
7	IC 410-664115/18	300.0	85.037809	50.0	1236216.0	0.283459	Y



Calibration

/ 2-ethoxy-2-methyl butane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

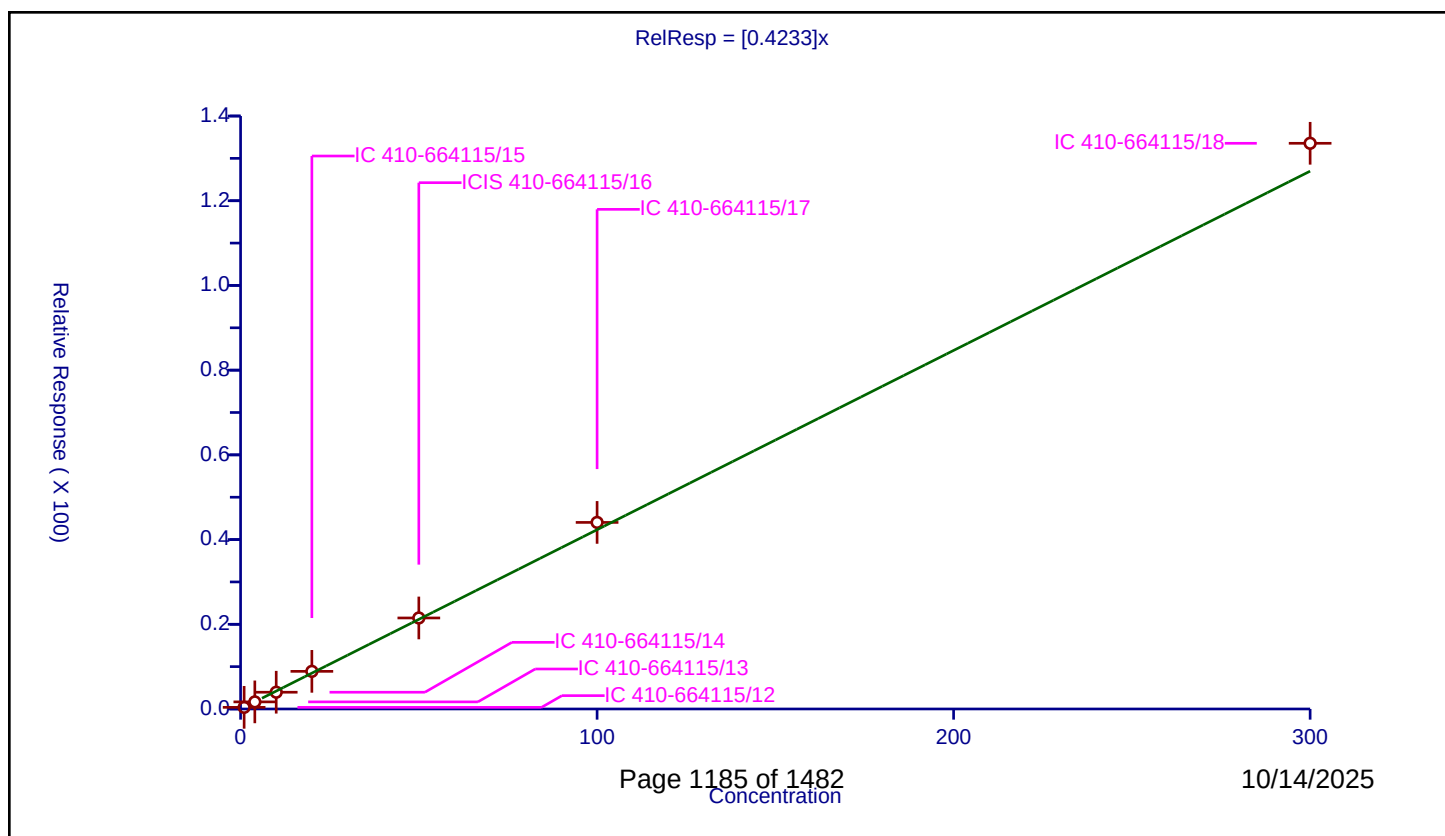
Curve Coefficients

Intercept: 0
Slope: 0.4233

Error Coefficients

Relative Standard Deviation: 5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.387513	50.0	1142543.0	0.387513	Y
2	IC 410-664115/13	4.0	1.678853	50.0	1188043.0	0.419713	Y
3	IC 410-664115/14	10.0	3.957484	50.0	1175646.0	0.395748	Y
4	IC 410-664115/15	20.0	8.886549	50.0	1196550.0	0.444327	Y
5	ICIS 410-664115/16	50.0	21.490758	50.0	1189958.0	0.429815	Y
6	IC 410-664115/17	100.0	44.052677	50.0	1215034.0	0.440527	Y
7	IC 410-664115/18	300.0	133.560761	50.0	1236216.0	0.445203	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

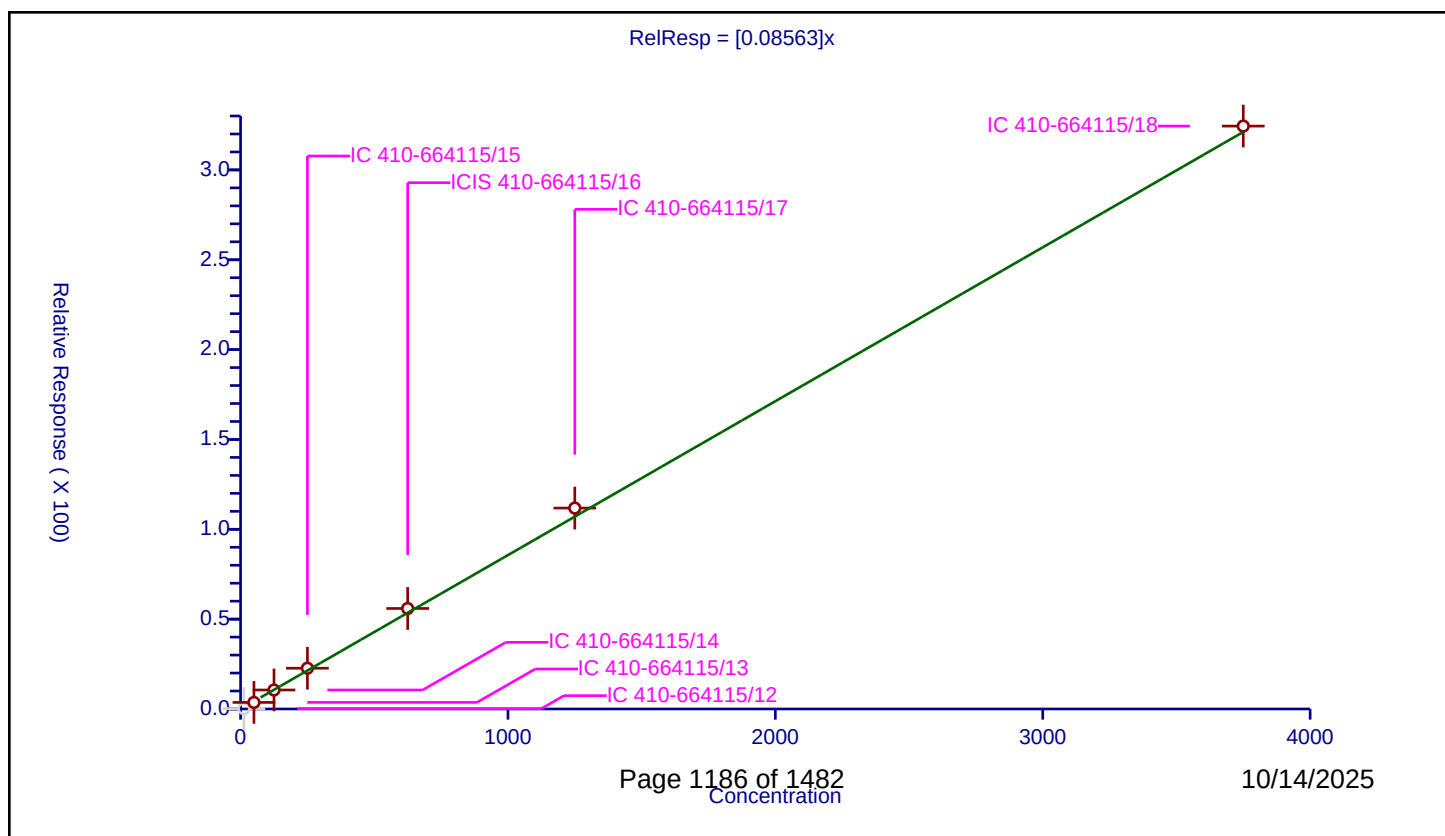
Curve Coefficients

Intercept: 0
Slope: 0.08563

Error Coefficients

Relative Standard Deviation: 7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	12.5	0.180257	250.0	581115.0	0.014421	N
2	IC 410-664115/13	50.0	3.655064	250.0	579470.0	0.073101	Y
3	IC 410-664115/14	125.0	10.567321	250.0	595113.0	0.084539	Y
4	IC 410-664115/15	250.0	22.681507	250.0	595430.0	0.090726	Y
5	ICIS 410-664115/16	625.0	55.933967	250.0	588645.0	0.089494	Y
6	IC 410-664115/17	1250.0	111.808234	250.0	588331.0	0.089447	Y
7	IC 410-664115/18	3750.0	324.38666	250.0	595510.0	0.086503	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

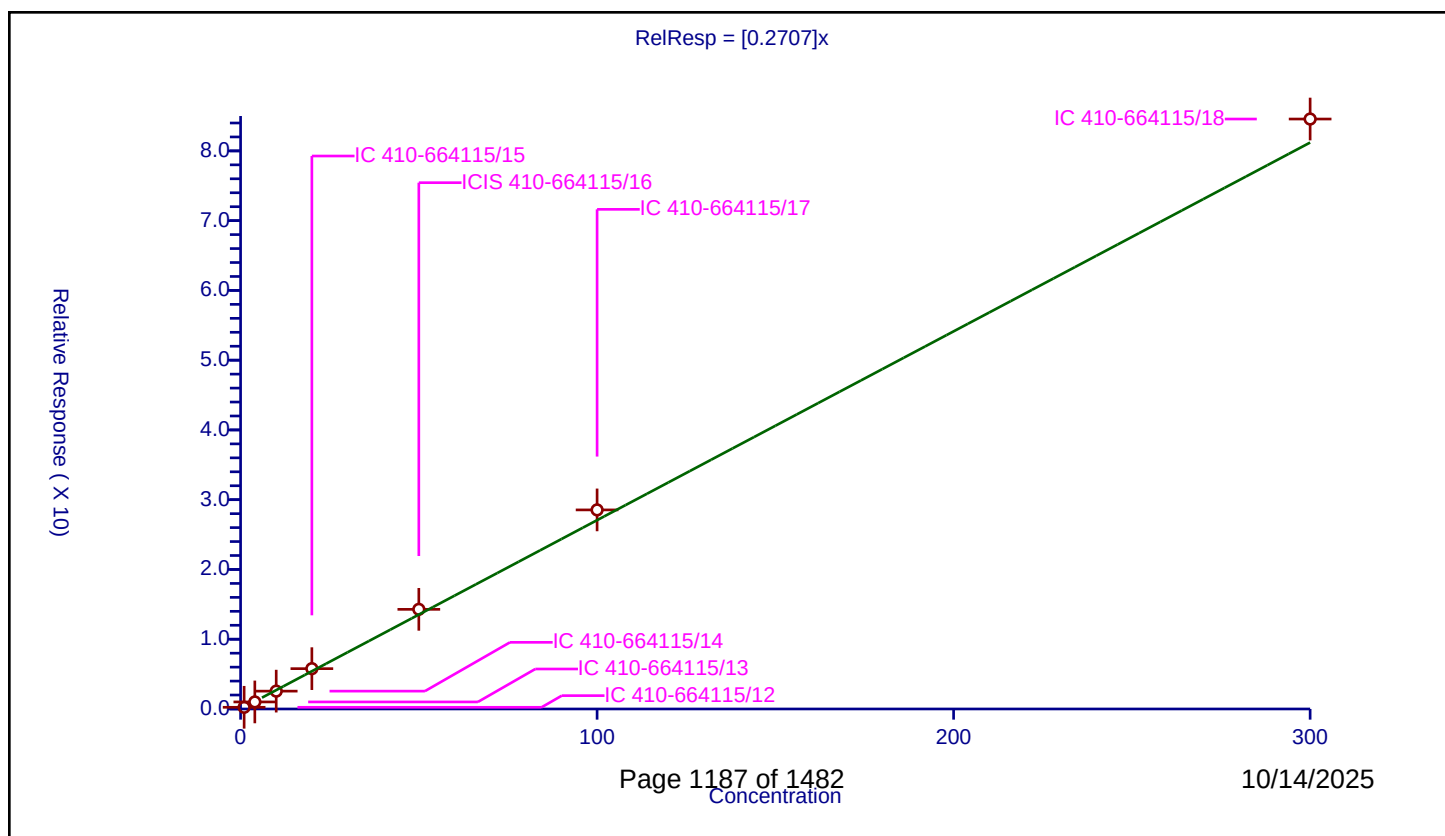
Curve Coefficients

Intercept: 0
Slope: 0.2707

Error Coefficients

Relative Standard Deviation: 7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.243492	50.0	1142543.0	0.243492	Y
2	IC 410-664115/13	4.0	1.012127	50.0	1188043.0	0.253032	Y
3	IC 410-664115/14	10.0	2.559657	50.0	1175646.0	0.255966	Y
4	IC 410-664115/15	20.0	5.782792	50.0	1196550.0	0.28914	Y
5	ICIS 410-664115/16	50.0	14.284286	50.0	1189958.0	0.285686	Y
6	IC 410-664115/17	100.0	28.536403	50.0	1215034.0	0.285364	Y
7	IC 410-664115/18	300.0	84.568837	50.0	1236216.0	0.281896	Y



Calibration

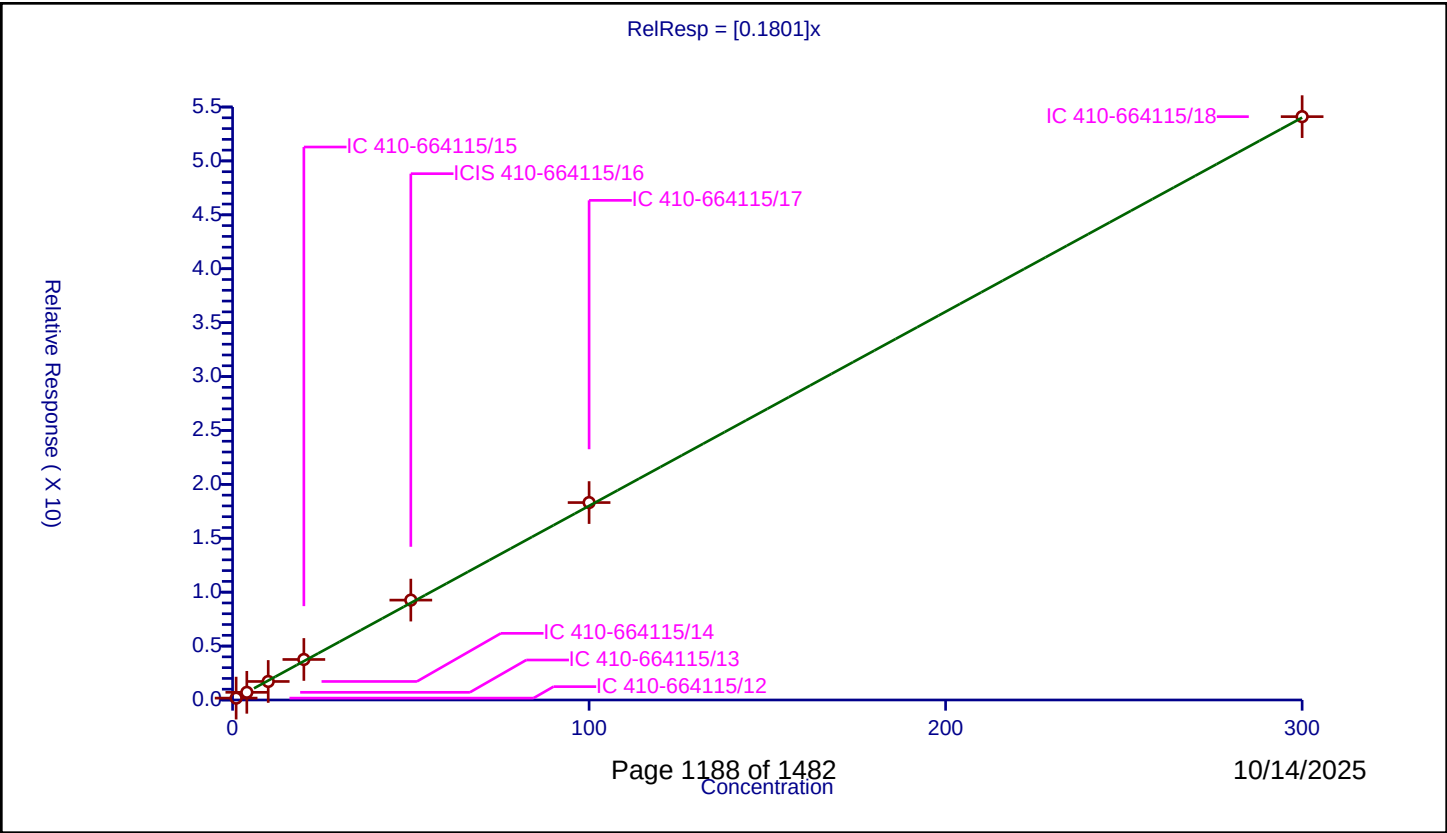
/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1801
Error Coefficients	

Relative Standard Deviation: 3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.174348	50.0	1142543.0	0.174348	Y
2	IC 410-664115/13	4.0	0.710159	50.0	1188043.0	0.17754	Y
3	IC 410-664115/14	10.0	1.718077	50.0	1175646.0	0.171808	Y
4	IC 410-664115/15	20.0	3.759183	50.0	1196550.0	0.187959	Y
5	ICIS 410-664115/16	50.0	9.265327	50.0	1189958.0	0.185307	Y
6	IC 410-664115/17	100.0	18.312903	50.0	1215034.0	0.183129	Y
7	IC 410-664115/18	300.0	54.106038	50.0	1236216.0	0.180353	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

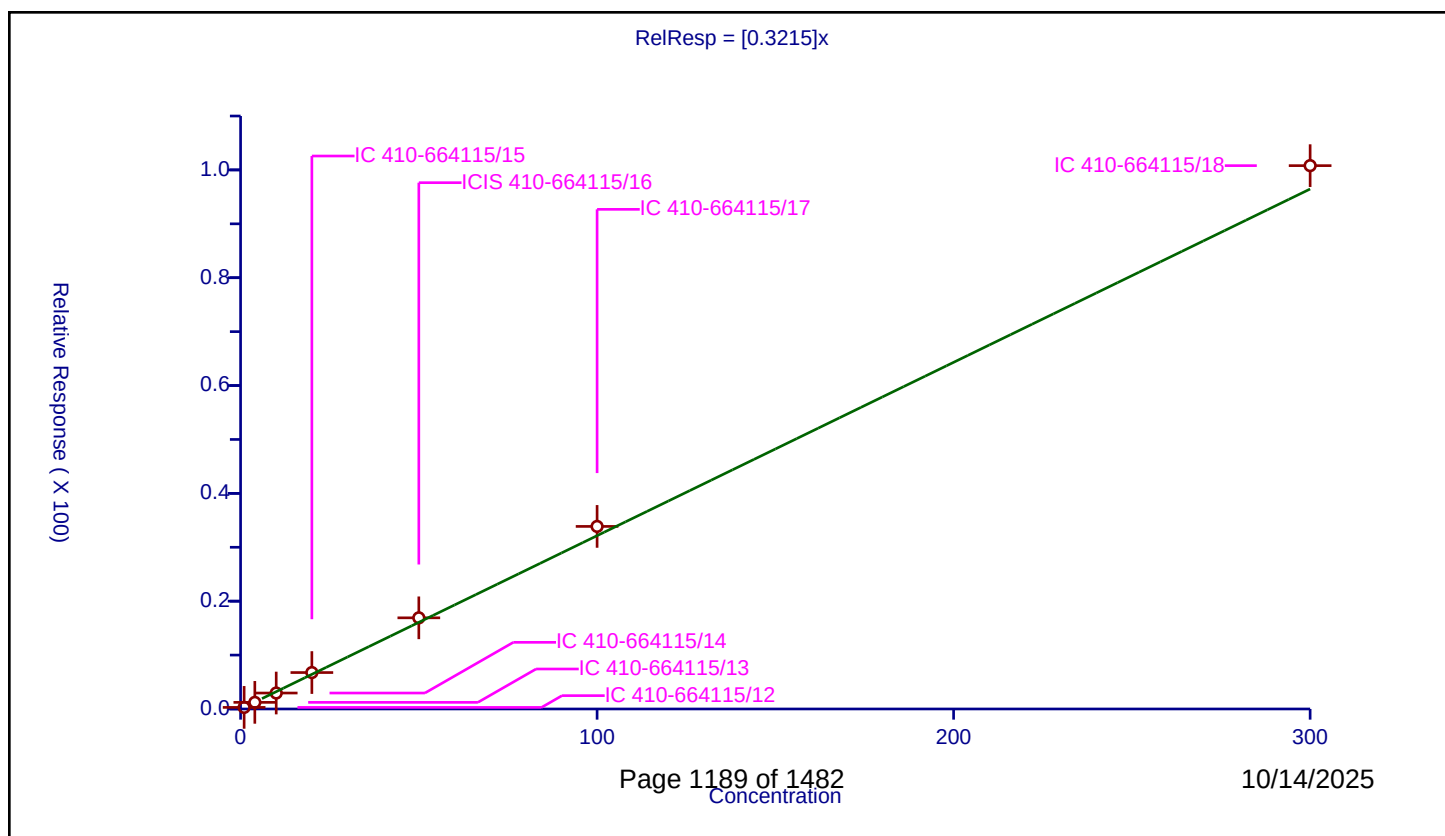
Curve Coefficients

Intercept: 0
Slope: 0.3215

Error Coefficients

Relative Standard Deviation: 6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.296794	50.0	1142543.0	0.296794	Y
2	IC 410-664115/13	4.0	1.228407	50.0	1188043.0	0.307102	Y
3	IC 410-664115/14	10.0	2.959097	50.0	1175646.0	0.29591	Y
4	IC 410-664115/15	20.0	6.759601	50.0	1196550.0	0.33798	Y
5	ICIS 410-664115/16	50.0	16.910471	50.0	1189958.0	0.338209	Y
6	IC 410-664115/17	100.0	33.866624	50.0	1215034.0	0.338666	Y
7	IC 410-664115/18	300.0	100.793348	50.0	1236216.0	0.335978	Y



Calibration

/ 2-Nitropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

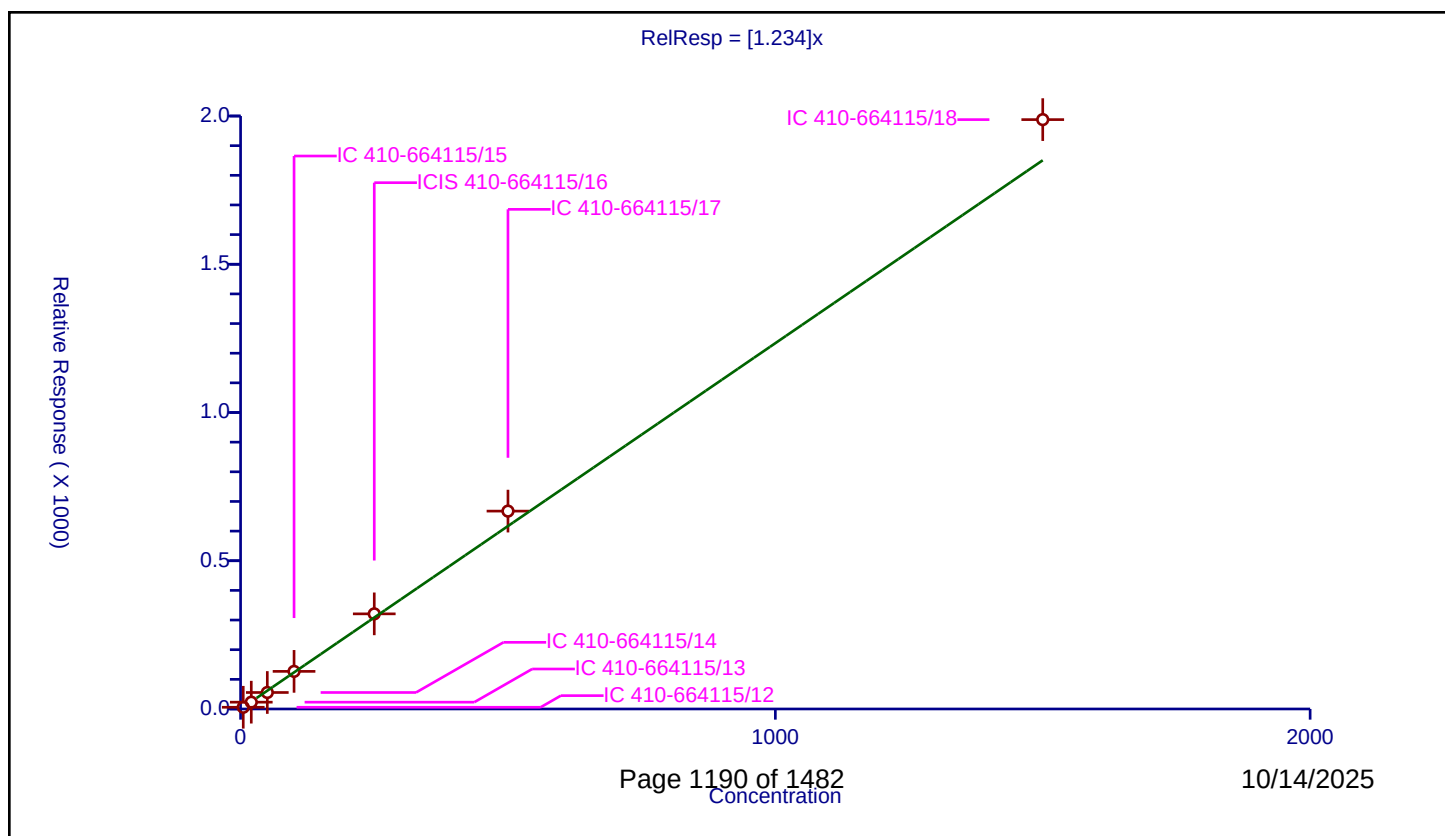
Curve Coefficients

Intercept: 0
Slope: 1.234

Error Coefficients

Relative Standard Deviation: 7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	5.0	5.825439	250.0	581115.0	1.165088	Y
2	IC 410-664115/13	20.0	22.946399	250.0	579470.0	1.14732	Y
3	IC 410-664115/14	50.0	55.611287	250.0	595113.0	1.112226	Y
4	IC 410-664115/15	100.0	126.828091	250.0	595430.0	1.268281	Y
5	ICIS 410-664115/16	250.0	320.885678	250.0	588645.0	1.283543	Y
6	IC 410-664115/17	500.0	667.449956	250.0	588331.0	1.3349	Y
7	IC 410-664115/18	1500.0	1987.87258	250.0	595510.0	1.325248	Y



Calibration

/ 2-Chloroethyl vinyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

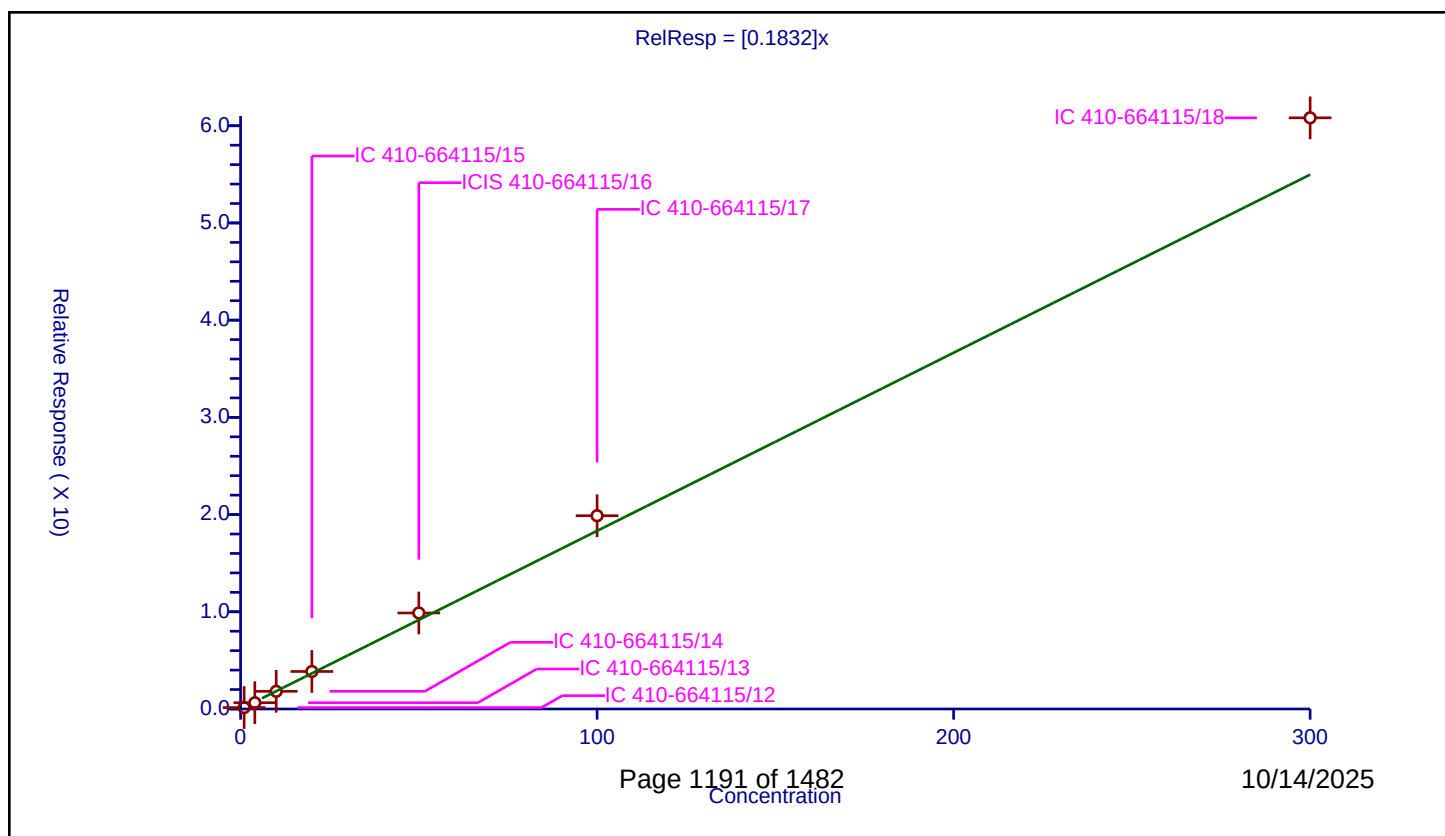
Curve Coefficients

Intercept: 0
Slope: 0.1832

Error Coefficients

Relative Standard Deviation: 11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.147741	50.0	1142543.0	0.147741	Y
2	IC 410-664115/13	4.0	0.645179	50.0	1188043.0	0.161295	Y
3	IC 410-664115/14	10.0	1.816321	50.0	1175646.0	0.181632	Y
4	IC 410-664115/15	20.0	3.858259	50.0	1196550.0	0.192913	Y
5	ICIS 410-664115/16	50.0	9.876483	50.0	1189958.0	0.19753	Y
6	IC 410-664115/17	100.0	19.880431	50.0	1215034.0	0.198804	Y
7	IC 410-664115/18	300.0	60.813523	50.0	1236216.0	0.202712	Y



Calibration

/ cis-1,3-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

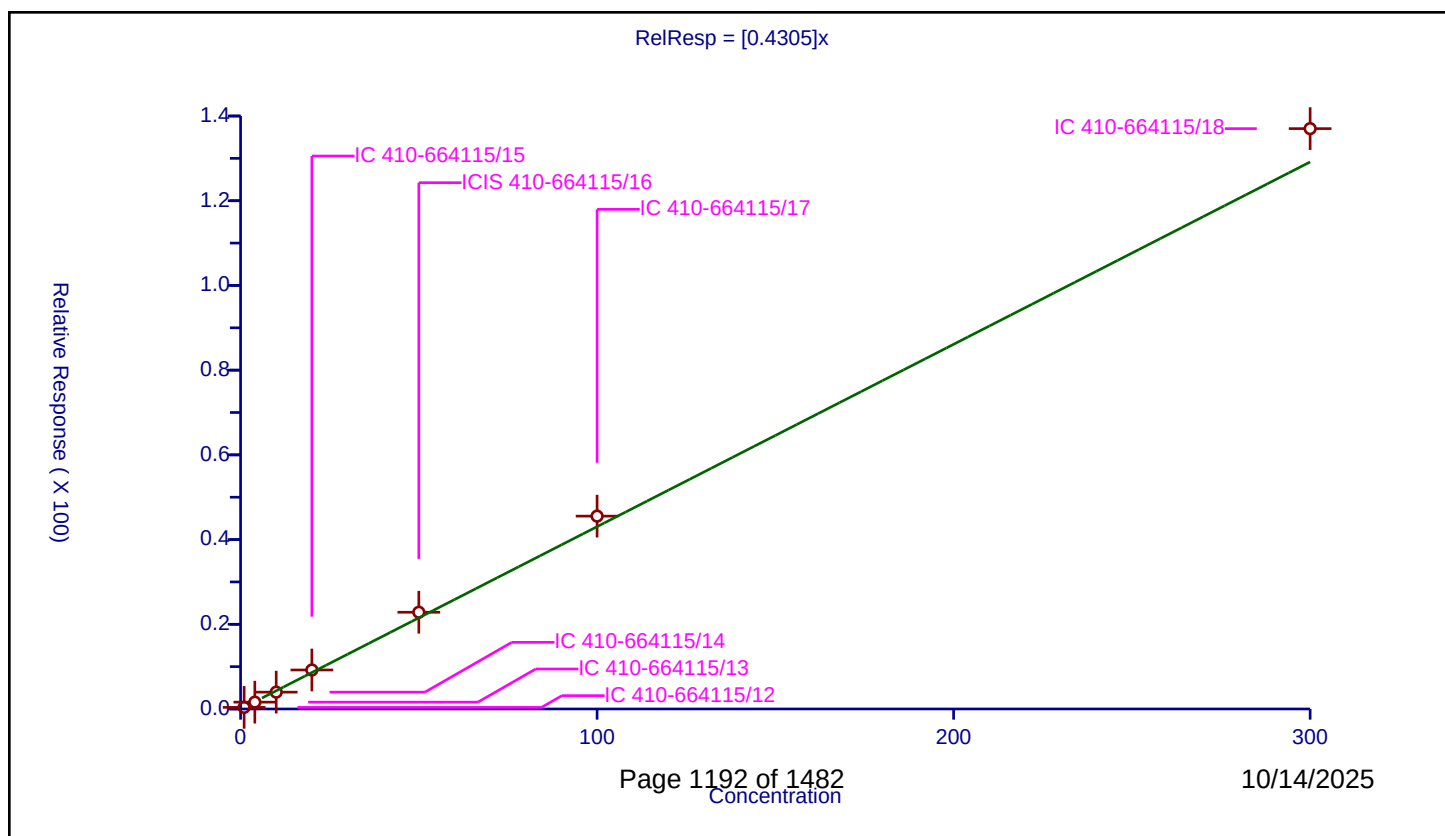
Curve Coefficients

Intercept: 0
Slope: 0.4305

Error Coefficients

Relative Standard Deviation: 7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.382611	50.0	1142543.0	0.382611	Y
2	IC 410-664115/13	4.0	1.615261	50.0	1188043.0	0.403815	Y
3	IC 410-664115/14	10.0	3.978961	50.0	1175646.0	0.397896	Y
4	IC 410-664115/15	20.0	9.206469	50.0	1196550.0	0.460323	Y
5	ICIS 410-664115/16	50.0	22.841268	50.0	1189958.0	0.456825	Y
6	IC 410-664115/17	100.0	45.533499	50.0	1215034.0	0.455335	Y
7	IC 410-664115/18	300.0	137.022211	50.0	1236216.0	0.456741	Y



Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

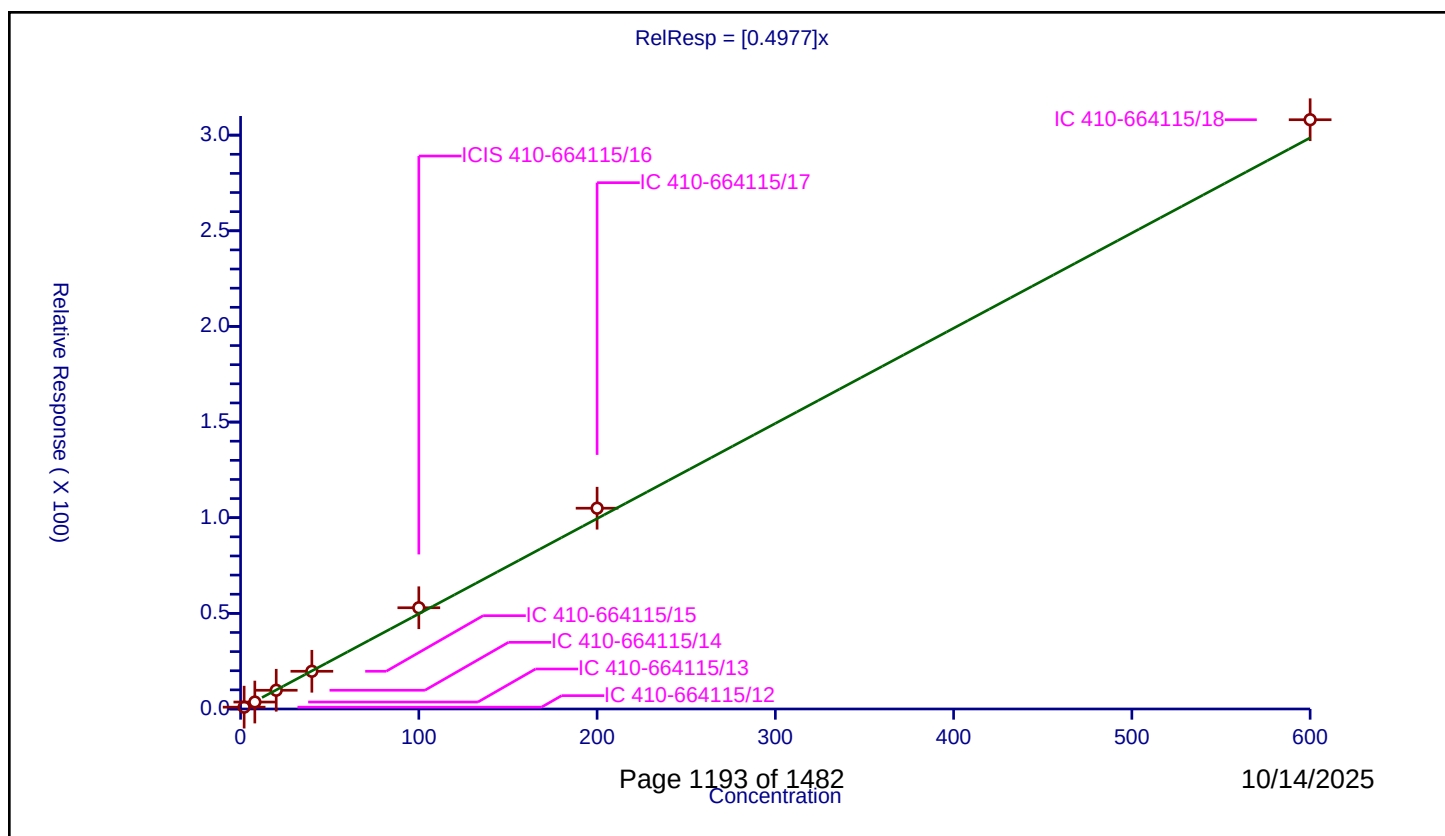
Curve Coefficients

Intercept: 0
Slope: 0.4977

Error Coefficients

Relative Standard Deviation: 5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	2.0	0.956332	50.0	1142543.0	0.478166	Y
2	IC 410-664115/13	8.0	3.638378	50.0	1188043.0	0.454797	Y
3	IC 410-664115/14	20.0	9.798102	50.0	1175646.0	0.489905	Y
4	IC 410-664115/15	40.0	19.722327	50.0	1196550.0	0.493058	Y
5	ICIS 410-664115/16	100.0	52.933213	50.0	1189958.0	0.529332	Y
6	IC 410-664115/17	200.0	104.973071	50.0	1215034.0	0.524865	Y
7	IC 410-664115/18	600.0	308.06368	50.0	1236216.0	0.513439	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

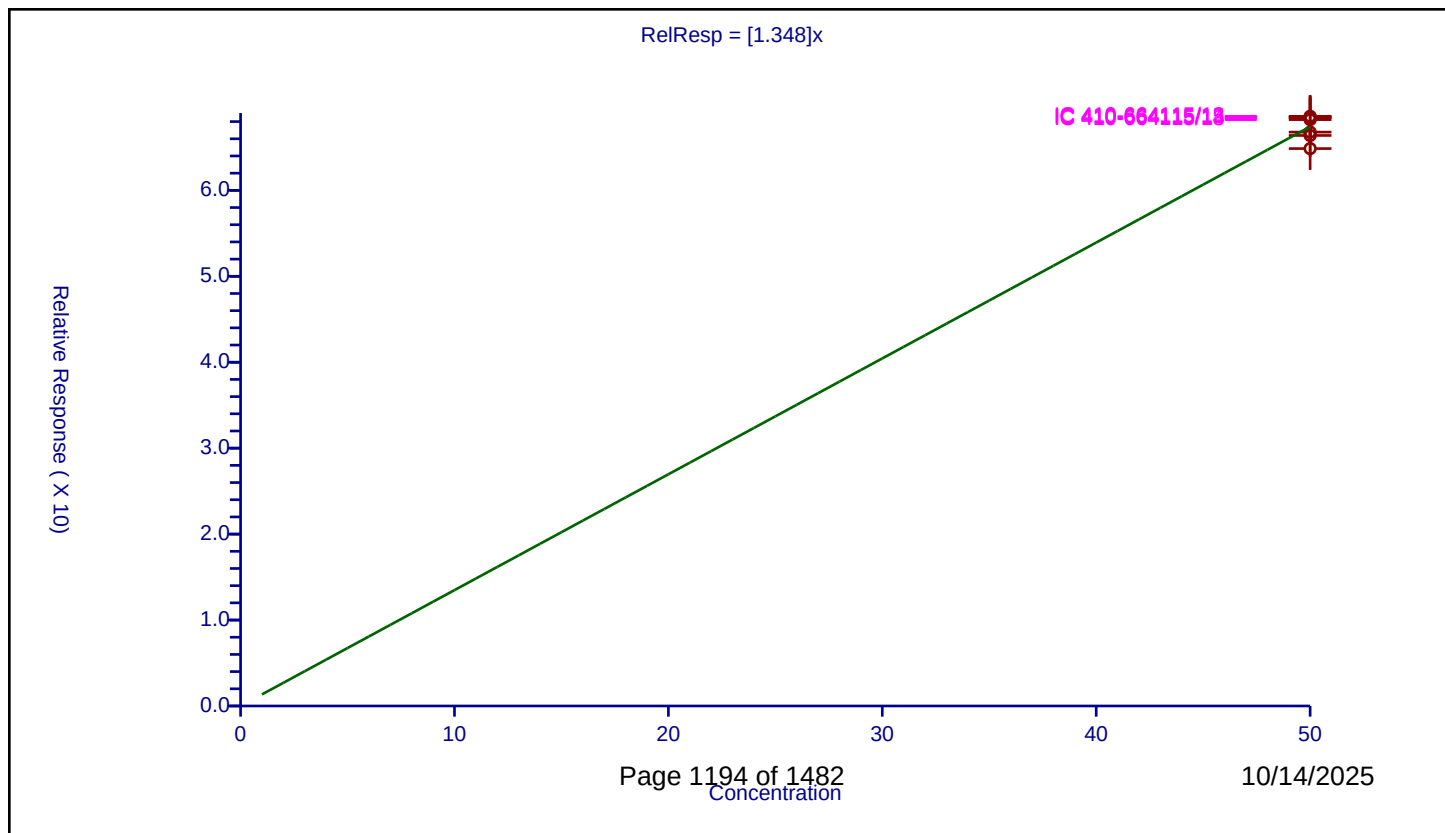
Curve Coefficients

Intercept: 0
 Slope: 1.348

Error Coefficients

Relative Standard Deviation: 2.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	50.0	68.611177	50.0	830912.0	1.372224	Y
2	IC 410-664115/13	50.0	68.229245	50.0	867178.0	1.364585	Y
3	IC 410-664115/14	50.0	68.45617	50.0	862232.0	1.369123	Y
4	IC 410-664115/15	50.0	68.520258	50.0	888905.0	1.370405	Y
5	ICIS 410-664115/16	50.0	66.778625	50.0	912989.0	1.335572	Y
6	IC 410-664115/17	50.0	66.386437	50.0	937504.0	1.327729	Y
7	IC 410-664115/18	50.0	64.86066	50.0	989882.0	1.297213	Y



Calibration

/ Toluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

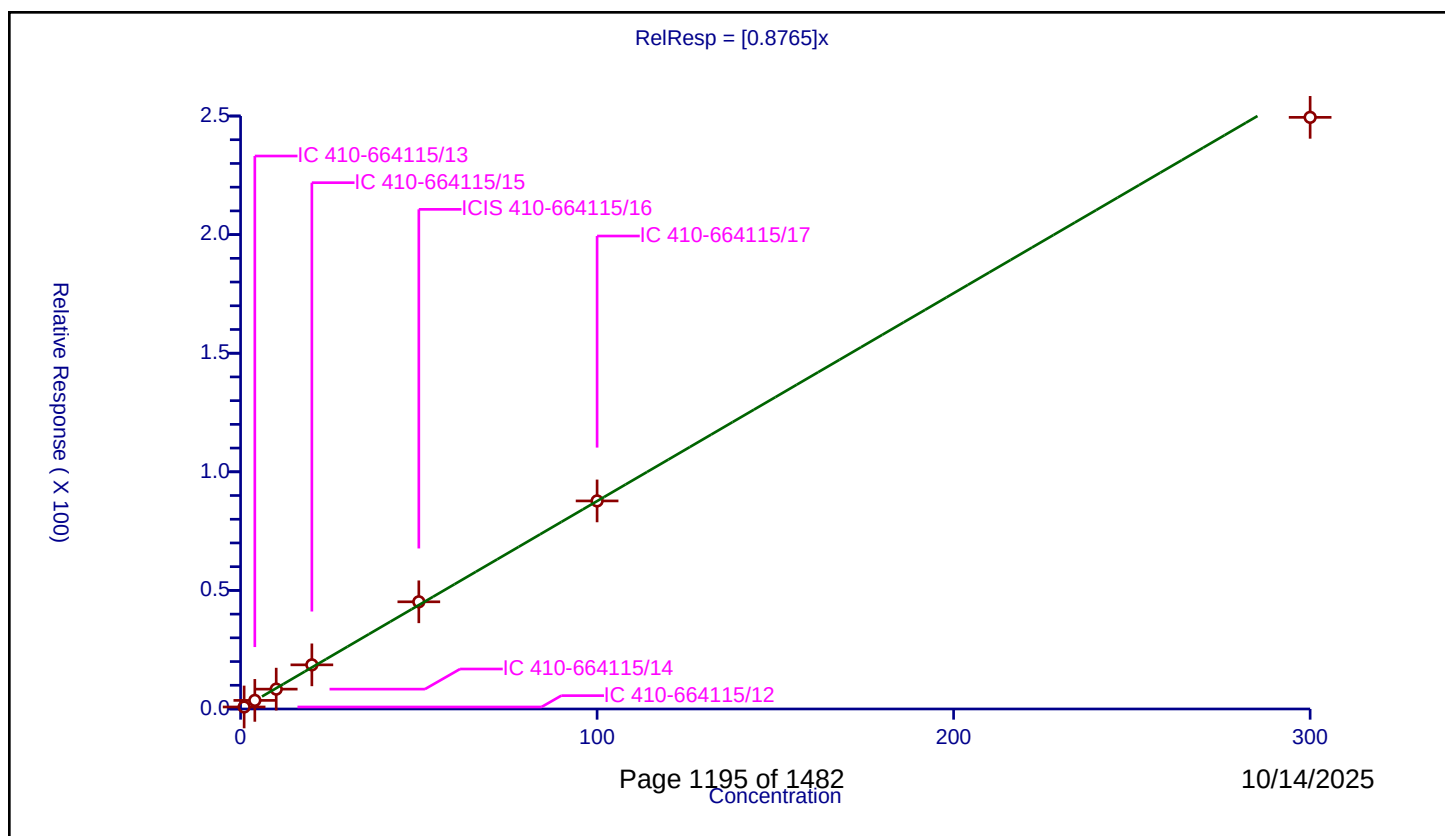
Curve Coefficients

Intercept: 0
Slope: 0.8765

Error Coefficients

Relative Standard Deviation: 4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.847924	50.0	830912.0	0.847924	Y
2	IC 410-664115/13	4.0	3.630685	50.0	867178.0	0.907671	Y
3	IC 410-664115/14	10.0	8.364802	50.0	862232.0	0.83648	Y
4	IC 410-664115/15	20.0	18.615375	50.0	888905.0	0.930769	Y
5	ICIS 410-664115/16	50.0	45.185648	50.0	912989.0	0.903713	Y
6	IC 410-664115/17	100.0	87.720852	50.0	937504.0	0.877209	Y
7	IC 410-664115/18	300.0	249.44064	50.0	989882.0	0.831469	Y



Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

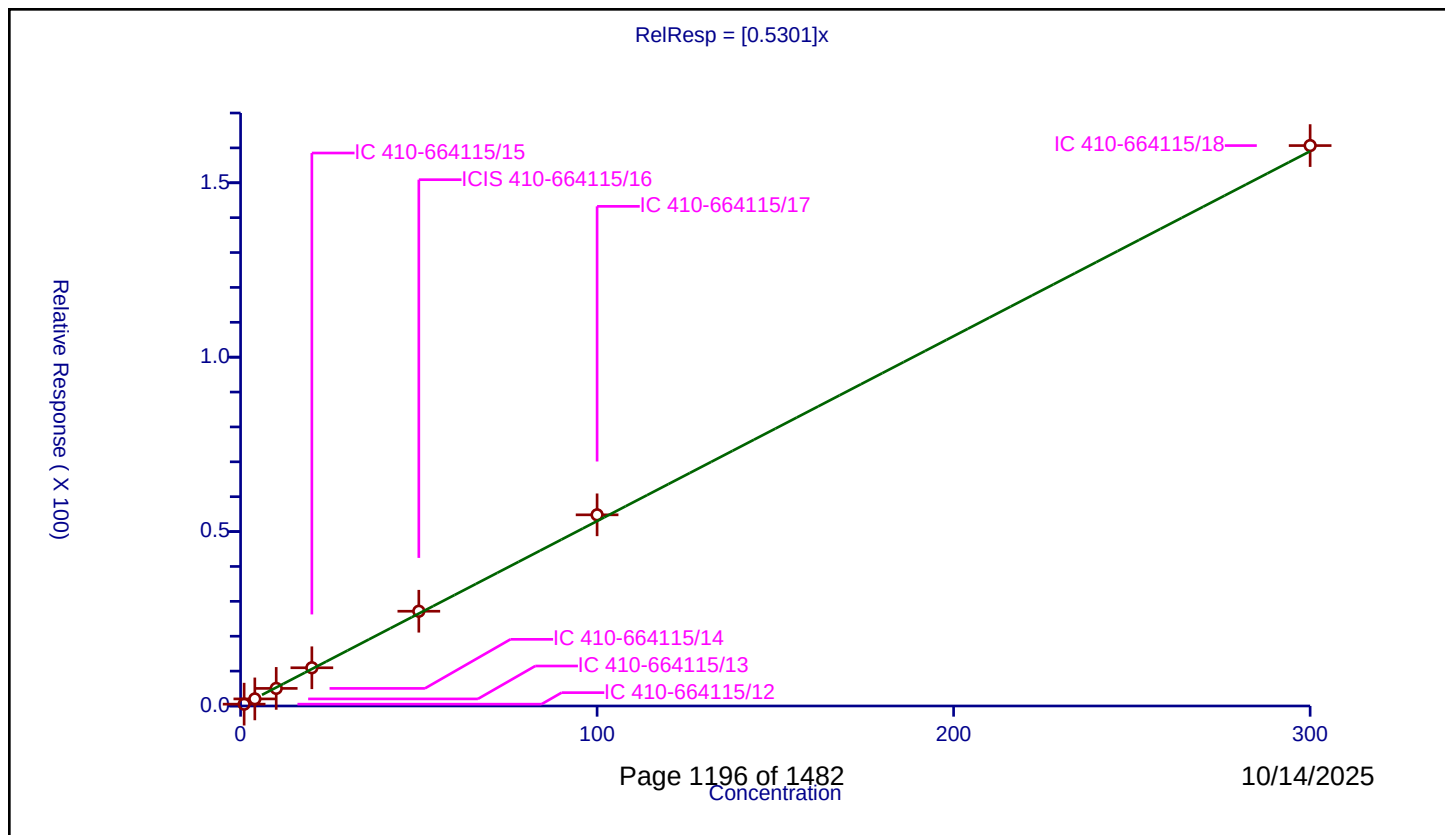
Curve Coefficients

Intercept: 0
Slope: 0.5301

Error Coefficients

Relative Standard Deviation: 3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.523461	50.0	830912.0	0.523461	Y
2	IC 410-664115/13	4.0	2.032858	50.0	867178.0	0.508215	Y
3	IC 410-664115/14	10.0	5.044756	50.0	862232.0	0.504476	Y
4	IC 410-664115/15	20.0	10.95657	50.0	888905.0	0.547829	Y
5	ICIS 410-664115/16	50.0	27.169714	50.0	912989.0	0.543394	Y
6	IC 410-664115/17	100.0	54.800993	50.0	937504.0	0.54801	Y
7	IC 410-664115/18	300.0	160.663443	50.0	989882.0	0.535545	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

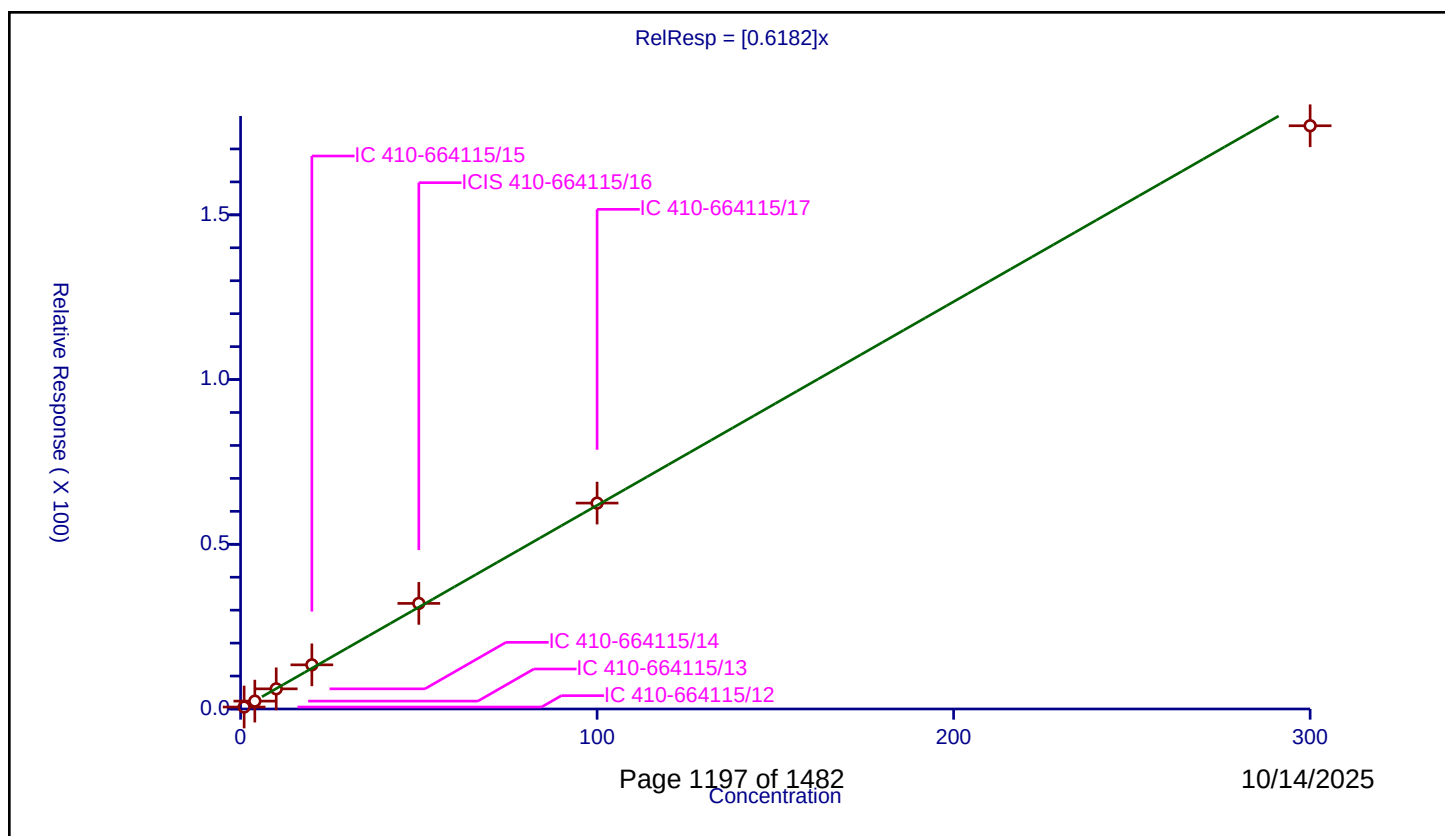
Curve Coefficients

Intercept: 0
Slope: 0.6182

Error Coefficients

Relative Standard Deviation: 4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.591338	50.0	830912.0	0.591338	Y
2	IC 410-664115/13	4.0	2.39305	50.0	867178.0	0.598262	Y
3	IC 410-664115/14	10.0	6.115871	50.0	862232.0	0.611587	Y
4	IC 410-664115/15	20.0	13.396932	50.0	888905.0	0.669847	Y
5	ICIS 410-664115/16	50.0	32.05066	50.0	912989.0	0.641013	Y
6	IC 410-664115/17	100.0	62.502613	50.0	937504.0	0.625026	Y
7	IC 410-664115/18	300.0	177.045193	50.0	989882.0	0.590151	Y



Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

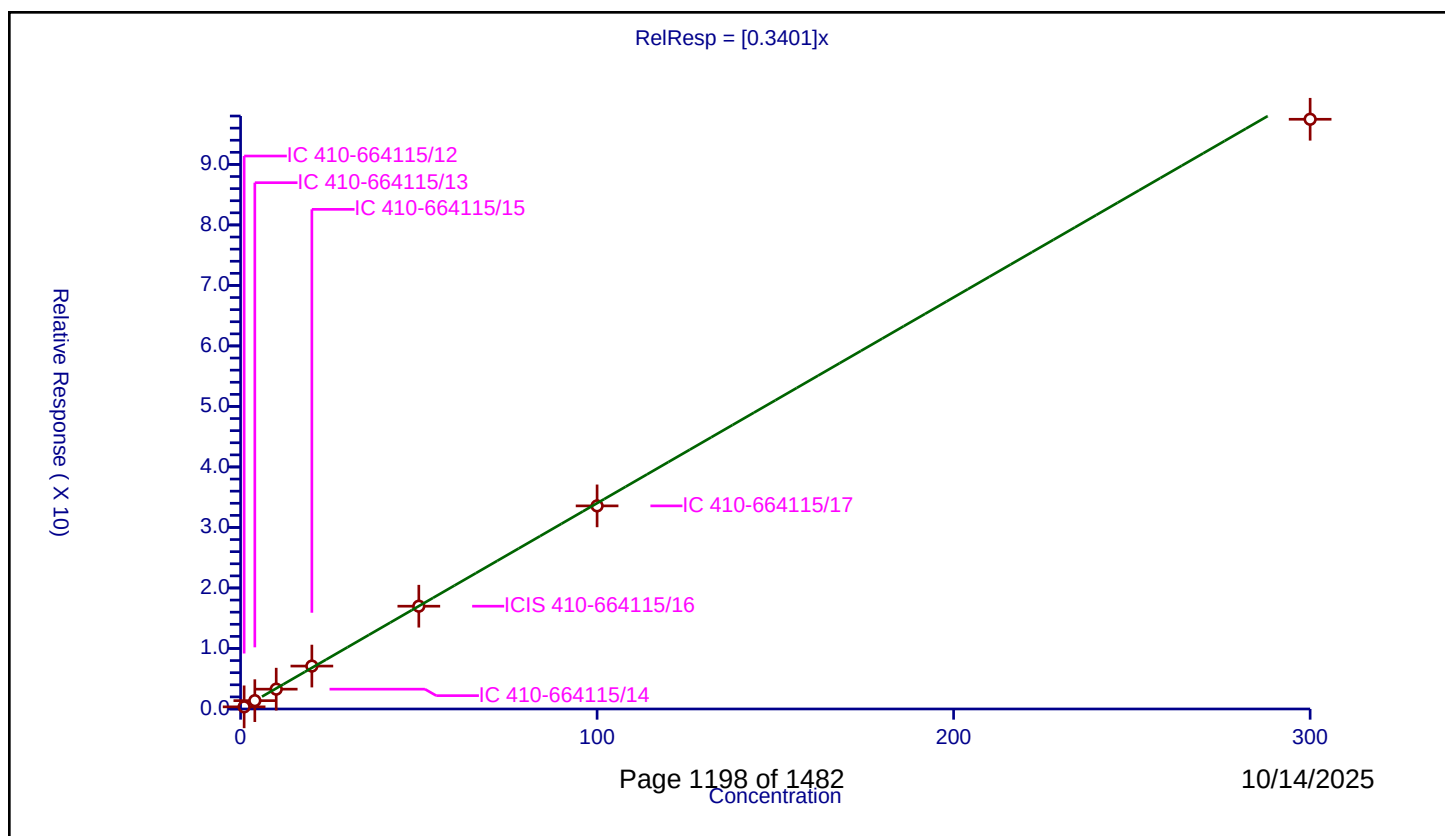
Curve Coefficients

Intercept: 0
Slope: 0.3401

Error Coefficients

Relative Standard Deviation: 3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.35455	50.0	830912.0	0.35455	Y
2	IC 410-664115/13	4.0	1.375611	50.0	867178.0	0.343903	Y
3	IC 410-664115/14	10.0	3.274815	50.0	862232.0	0.327481	Y
4	IC 410-664115/15	20.0	7.092771	50.0	888905.0	0.354639	Y
5	ICIS 410-664115/16	50.0	16.988047	50.0	912989.0	0.339761	Y
6	IC 410-664115/17	100.0	33.565083	50.0	937504.0	0.335651	Y
7	IC 410-664115/18	300.0	97.463031	50.0	989882.0	0.324877	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

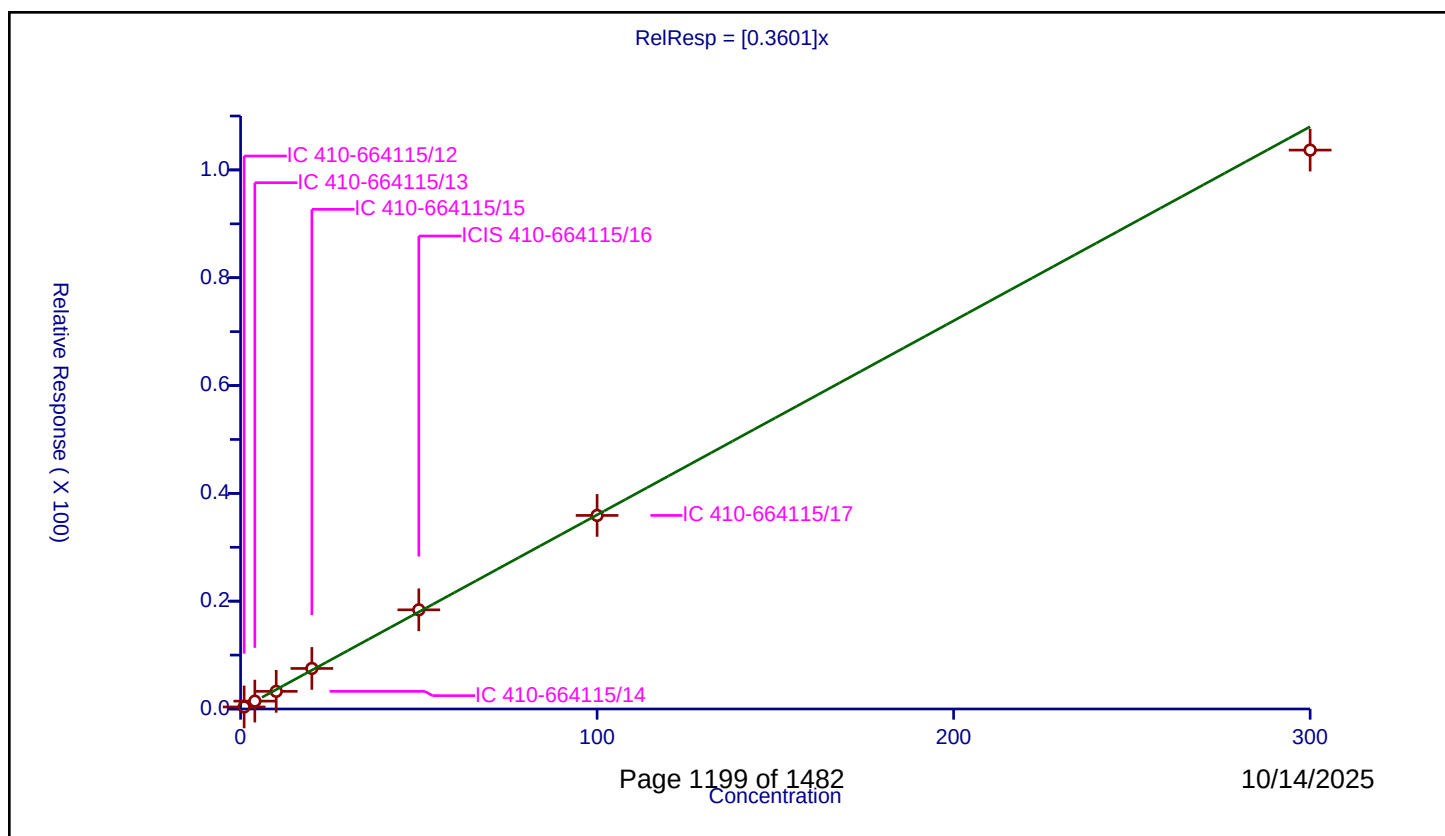
Curve Coefficients

Intercept: 0
Slope: 0.3601

Error Coefficients

Relative Standard Deviation: 5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.379703	50.0	830912.0	0.379703	Y
2	IC 410-664115/13	4.0	1.459331	50.0	867178.0	0.364833	Y
3	IC 410-664115/14	10.0	3.272553	50.0	862232.0	0.327255	Y
4	IC 410-664115/15	20.0	7.522289	50.0	888905.0	0.376114	Y
5	ICIS 410-664115/16	50.0	18.395074	50.0	912989.0	0.367901	Y
6	IC 410-664115/17	100.0	35.90598	50.0	937504.0	0.35906	Y
7	IC 410-664115/18	300.0	103.678418	50.0	989882.0	0.345595	Y



Calibration

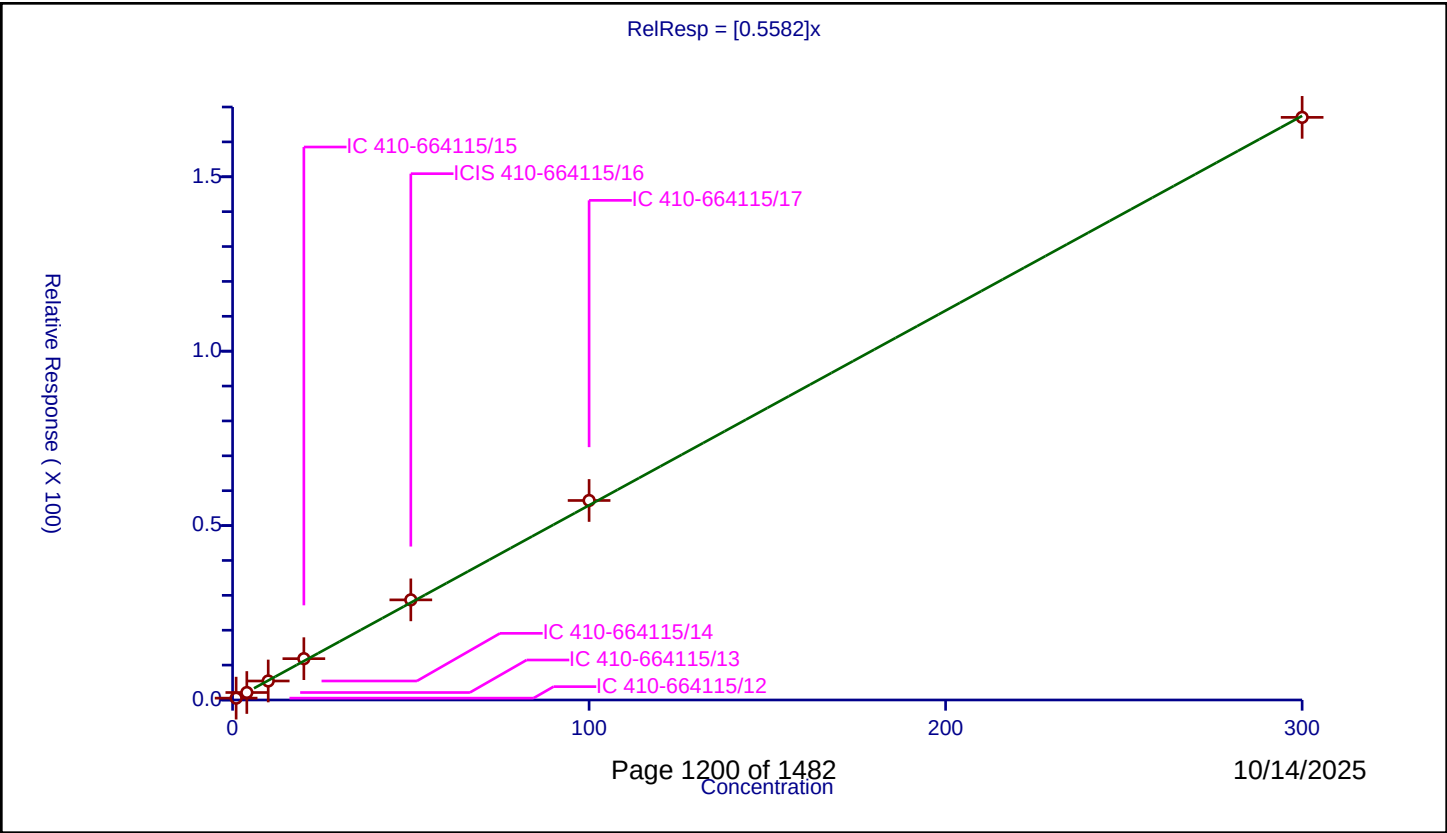
/ 1,3-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5582
Error Coefficients	

Relative Standard Deviation: 4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.532126	50.0	830912.0	0.532126	Y
2	IC 410-664115/13	4.0	2.141371	50.0	867178.0	0.535343	Y
3	IC 410-664115/14	10.0	5.448418	50.0	862232.0	0.544842	Y
4	IC 410-664115/15	20.0	11.843954	50.0	888905.0	0.592198	Y
5	ICIS 410-664115/16	50.0	28.705932	50.0	912989.0	0.574119	Y
6	IC 410-664115/17	100.0	57.194743	50.0	937504.0	0.571947	Y
7	IC 410-664115/18	300.0	167.03501	50.0	989882.0	0.556783	Y



Calibration

/ 2-Hexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

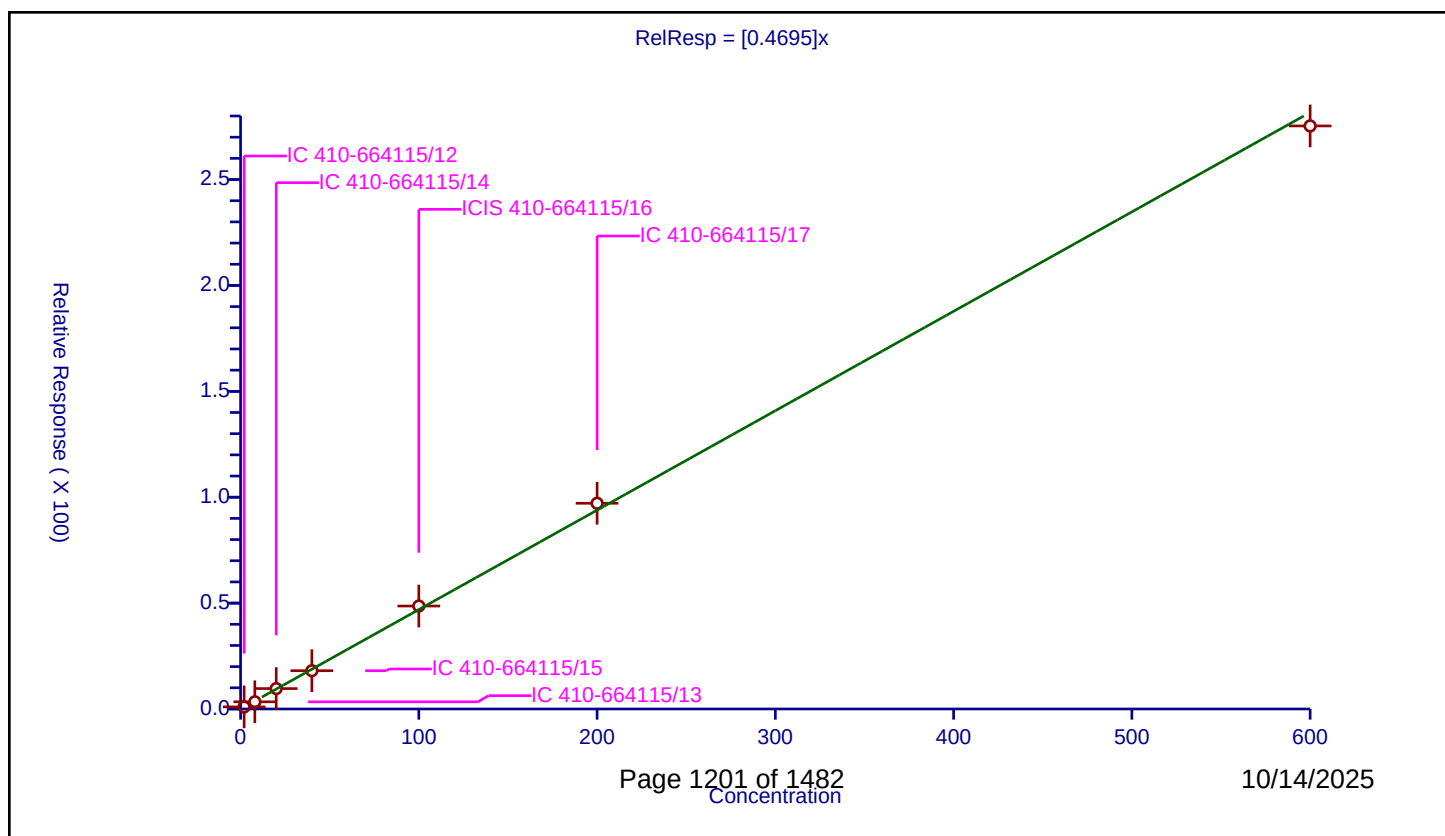
Curve Coefficients

Intercept: 0
Slope: 0.4695

Error Coefficients

Relative Standard Deviation: 5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	2.0	0.99463	50.0	830912.0	0.497315	Y
2	IC 410-664115/13	8.0	3.396477	50.0	867178.0	0.42456	Y
3	IC 410-664115/14	20.0	9.635284	50.0	862232.0	0.481764	Y
4	IC 410-664115/15	40.0	18.078872	50.0	888905.0	0.451972	Y
5	ICIS 410-664115/16	100.0	48.611593	50.0	912989.0	0.486116	Y
6	IC 410-664115/17	200.0	97.141932	50.0	937504.0	0.48571	Y
7	IC 410-664115/18	600.0	275.310037	50.0	989882.0	0.45885	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

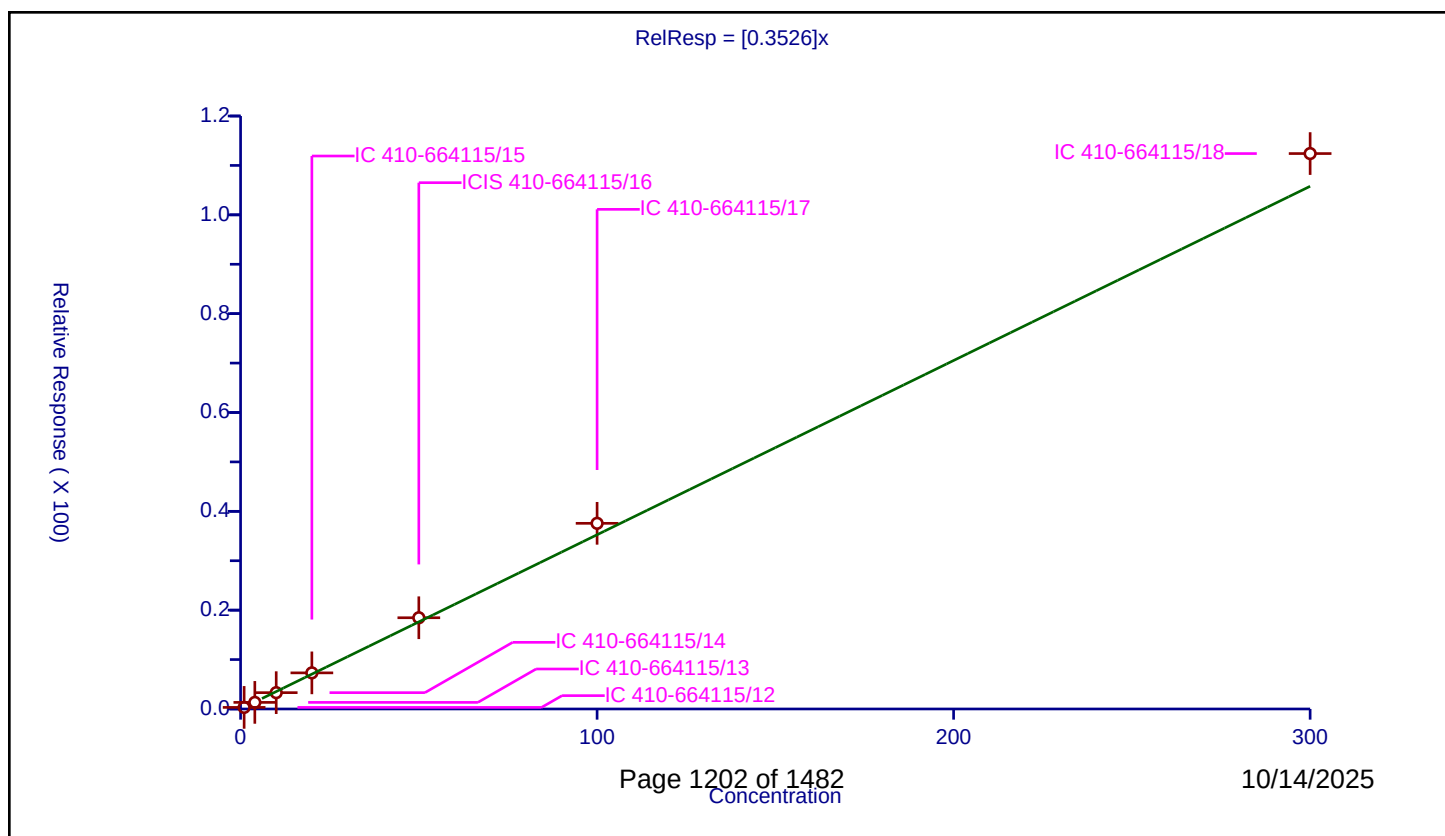
Curve Coefficients

Intercept: 0
Slope: 0.3526

Error Coefficients

Relative Standard Deviation: 6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.318626	50.0	830912.0	0.318626	Y
2	IC 410-664115/13	4.0	1.337096	50.0	867178.0	0.334274	Y
3	IC 410-664115/14	10.0	3.303055	50.0	862232.0	0.330306	Y
4	IC 410-664115/15	20.0	7.307024	50.0	888905.0	0.365351	Y
5	ICIS 410-664115/16	50.0	18.463475	50.0	912989.0	0.36927	Y
6	IC 410-664115/17	100.0	37.571626	50.0	937504.0	0.375716	Y
7	IC 410-664115/18	300.0	112.400013	50.0	989882.0	0.374667	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

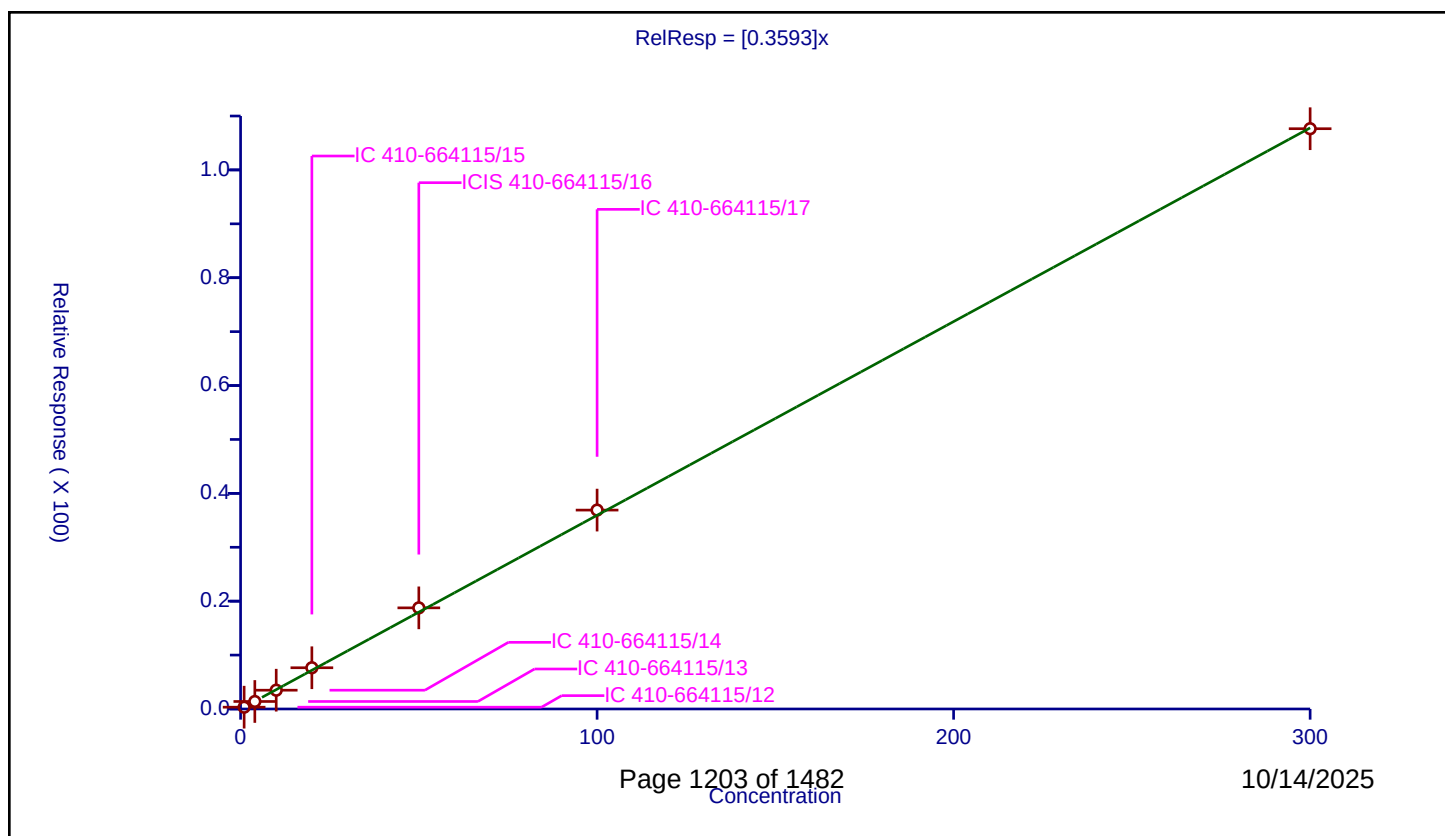
Curve Coefficients

Intercept: 0
Slope: 0.3593

Error Coefficients

Relative Standard Deviation: 4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.332285	50.0	830912.0	0.332285	Y
2	IC 410-664115/13	4.0	1.394696	50.0	867178.0	0.348674	Y
3	IC 410-664115/14	10.0	3.486707	50.0	862232.0	0.348671	Y
4	IC 410-664115/15	20.0	7.652561	50.0	888905.0	0.382628	Y
5	ICIS 410-664115/16	50.0	18.762219	50.0	912989.0	0.375244	Y
6	IC 410-664115/17	100.0	36.896109	50.0	937504.0	0.368961	Y
7	IC 410-664115/18	300.0	107.644244	50.0	989882.0	0.358814	Y



Calibration

/ 1-Chlorohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

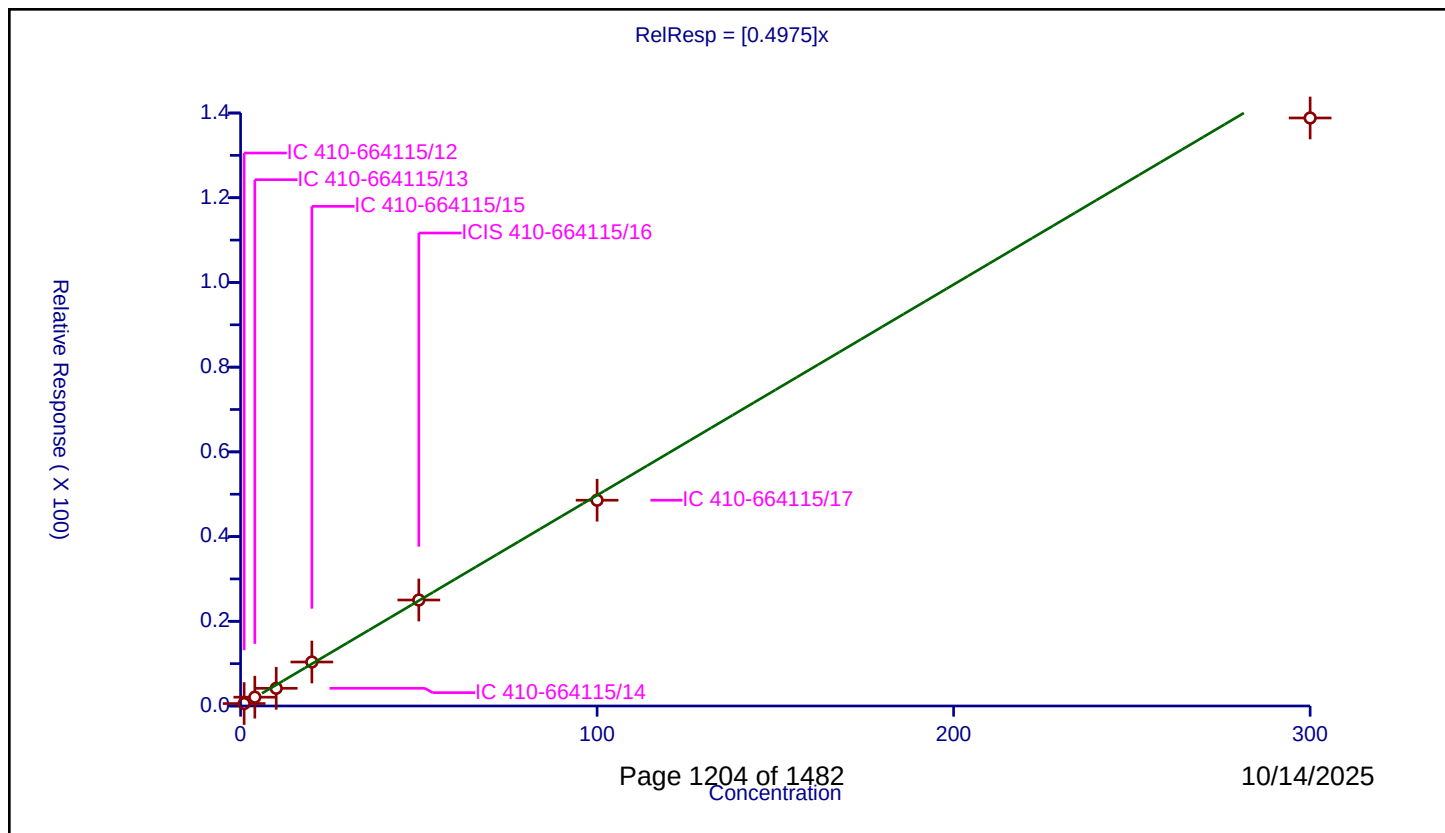
Curve Coefficients

Intercept: 0
Slope: 0.4975

Error Coefficients

Relative Standard Deviation: 10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.575693	50.0	830912.0	0.575693	Y
2	IC 410-664115/13	4.0	2.083425	50.0	867178.0	0.520856	Y
3	IC 410-664115/14	10.0	4.17492	50.0	862232.0	0.417492	Y
4	IC 410-664115/15	20.0	10.386655	50.0	888905.0	0.519333	Y
5	ICIS 410-664115/16	50.0	25.024179	50.0	912989.0	0.500484	Y
6	IC 410-664115/17	100.0	48.580113	50.0	937504.0	0.485801	Y
7	IC 410-664115/18	300.0	138.82685	50.0	989882.0	0.462756	Y



Calibration

/ Chlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

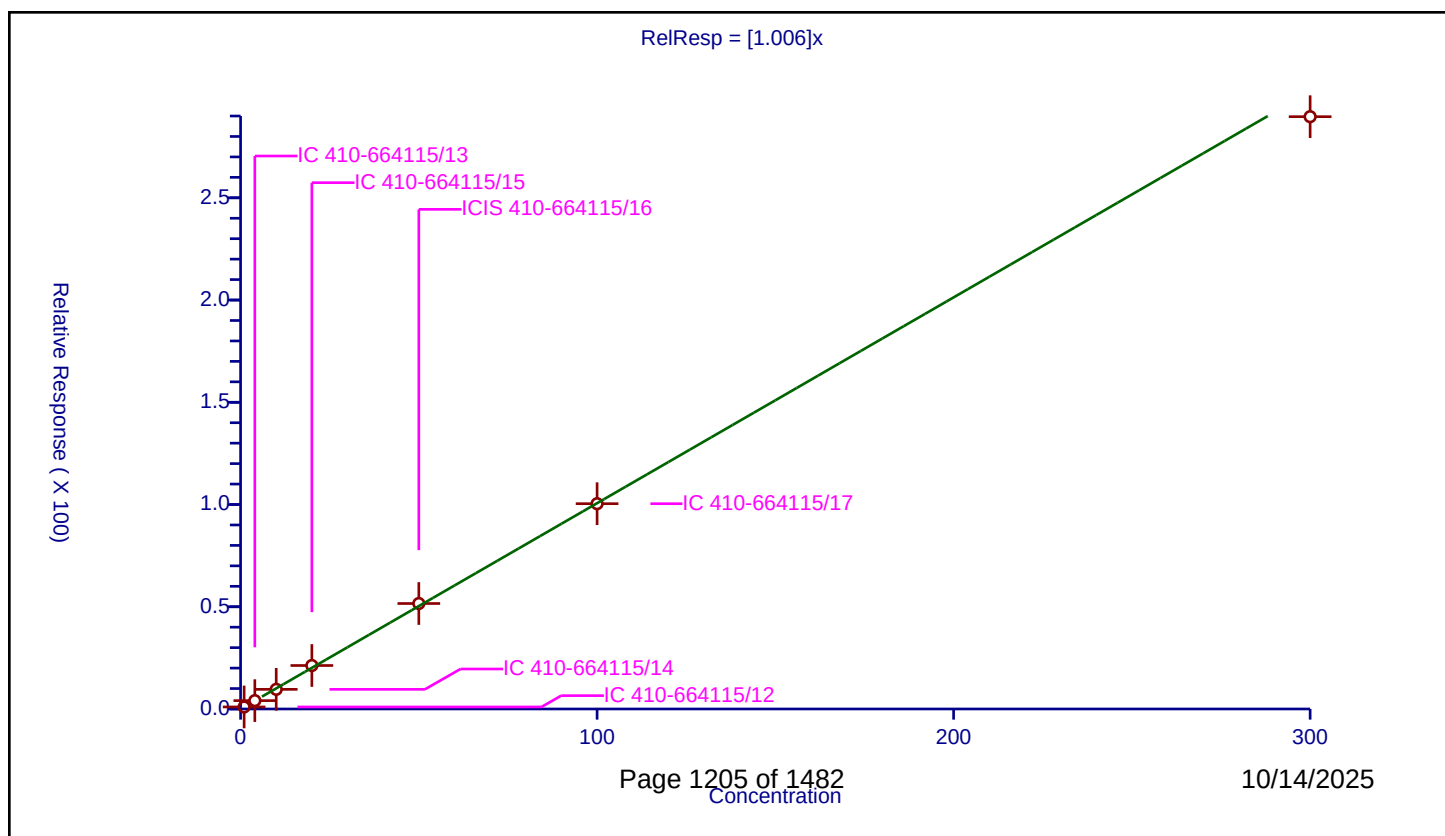
Curve Coefficients

Intercept: 0
Slope: 1.006

Error Coefficients

Relative Standard Deviation: 3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.000407	50.0	830912.0	1.000407	Y
2	IC 410-664115/13	4.0	4.082265	50.0	867178.0	1.020566	Y
3	IC 410-664115/14	10.0	9.600374	50.0	862232.0	0.960037	Y
4	IC 410-664115/15	20.0	21.259415	50.0	888905.0	1.062971	Y
5	ICIS 410-664115/16	50.0	51.585014	50.0	912989.0	1.0317	Y
6	IC 410-664115/17	100.0	100.395198	50.0	937504.0	1.003952	Y
7	IC 410-664115/18	300.0	289.670739	50.0	989882.0	0.965569	Y



Calibration

/ 1,1,1,2-Tetrachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

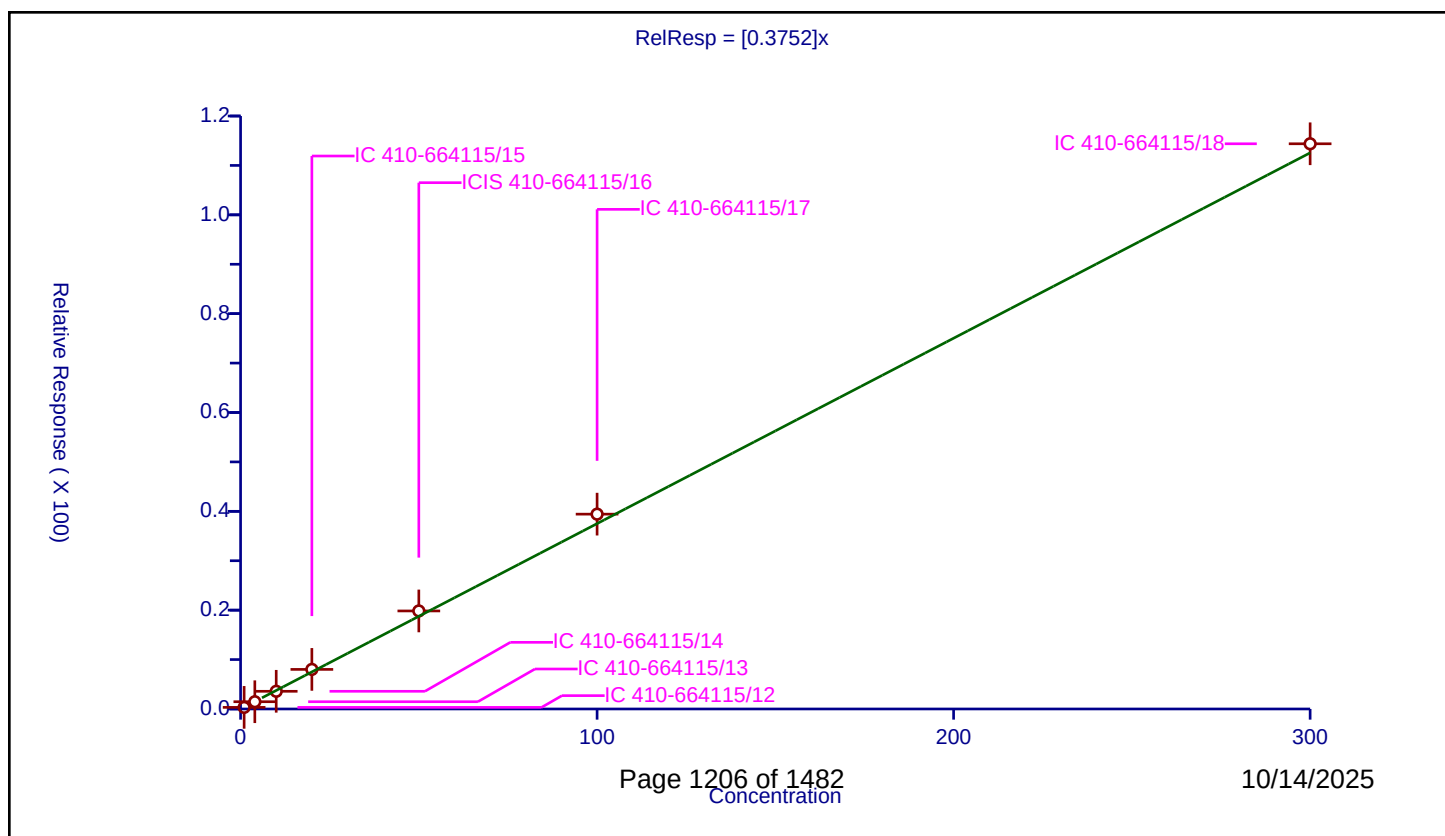
Curve Coefficients

Intercept: 0
Slope: 0.3752

Error Coefficients

Relative Standard Deviation: 7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.327893	50.0	830912.0	0.327893	Y
2	IC 410-664115/13	4.0	1.469133	50.0	867178.0	0.367283	Y
3	IC 410-664115/14	10.0	3.578619	50.0	862232.0	0.357862	Y
4	IC 410-664115/15	20.0	8.013342	50.0	888905.0	0.400667	Y
5	ICIS 410-664115/16	50.0	19.842901	50.0	912989.0	0.396858	Y
6	IC 410-664115/17	100.0	39.431938	50.0	937504.0	0.394319	Y
7	IC 410-664115/18	300.0	114.3803	50.0	989882.0	0.381268	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

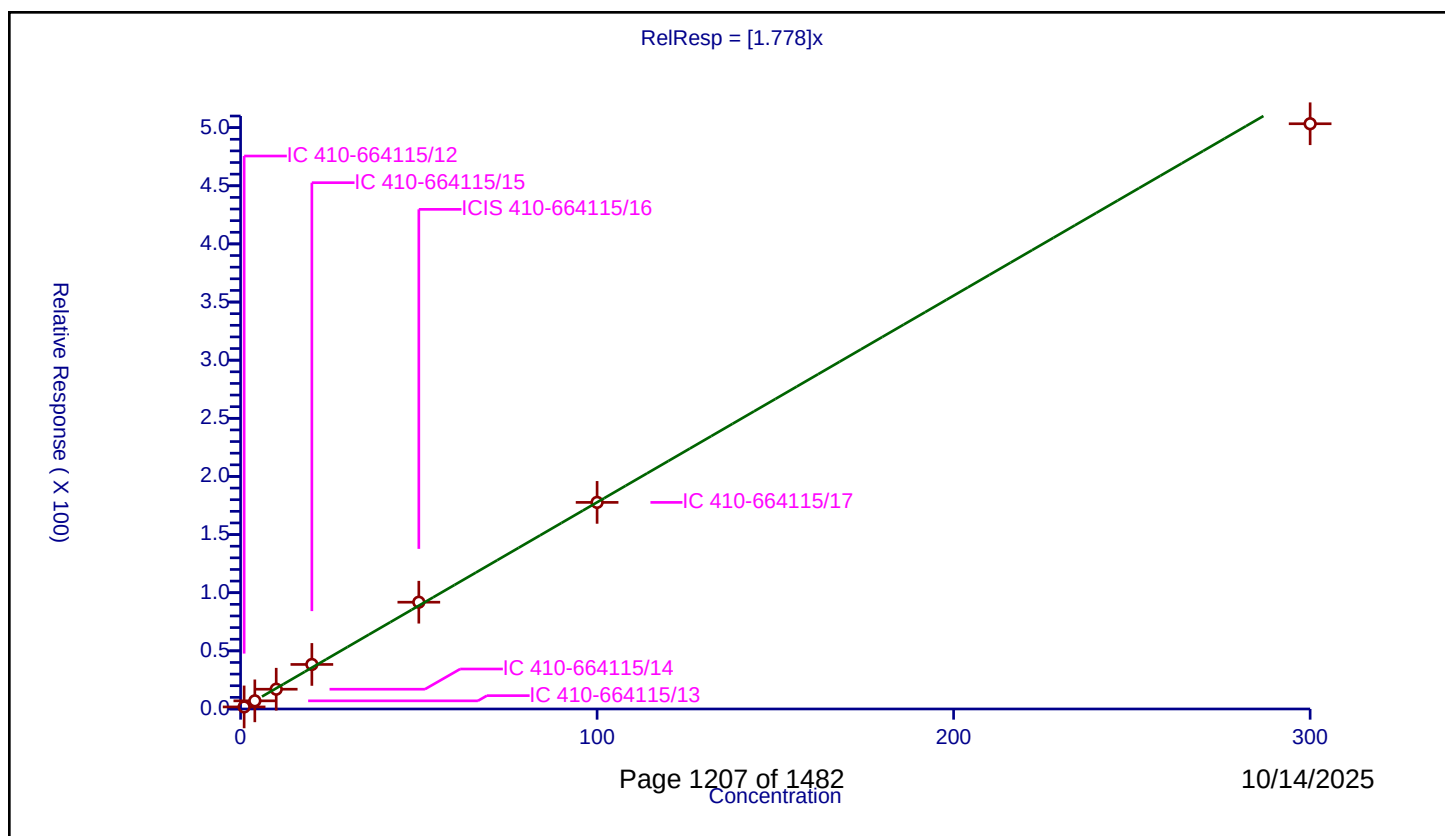
Curve Coefficients

Intercept: 0
Slope: 1.778

Error Coefficients

Relative Standard Deviation: 4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.783582	50.0	830912.0	1.783582	Y
2	IC 410-664115/13	4.0	7.005194	50.0	867178.0	1.751298	Y
3	IC 410-664115/14	10.0	17.007024	50.0	862232.0	1.700702	Y
4	IC 410-664115/15	20.0	38.317368	50.0	888905.0	1.915868	Y
5	ICIS 410-664115/16	50.0	91.843494	50.0	912989.0	1.83687	Y
6	IC 410-664115/17	100.0	177.694975	50.0	937504.0	1.77695	Y
7	IC 410-664115/18	300.0	503.337772	50.0	989882.0	1.677793	Y



Calibration

/ m-Xylene & p-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

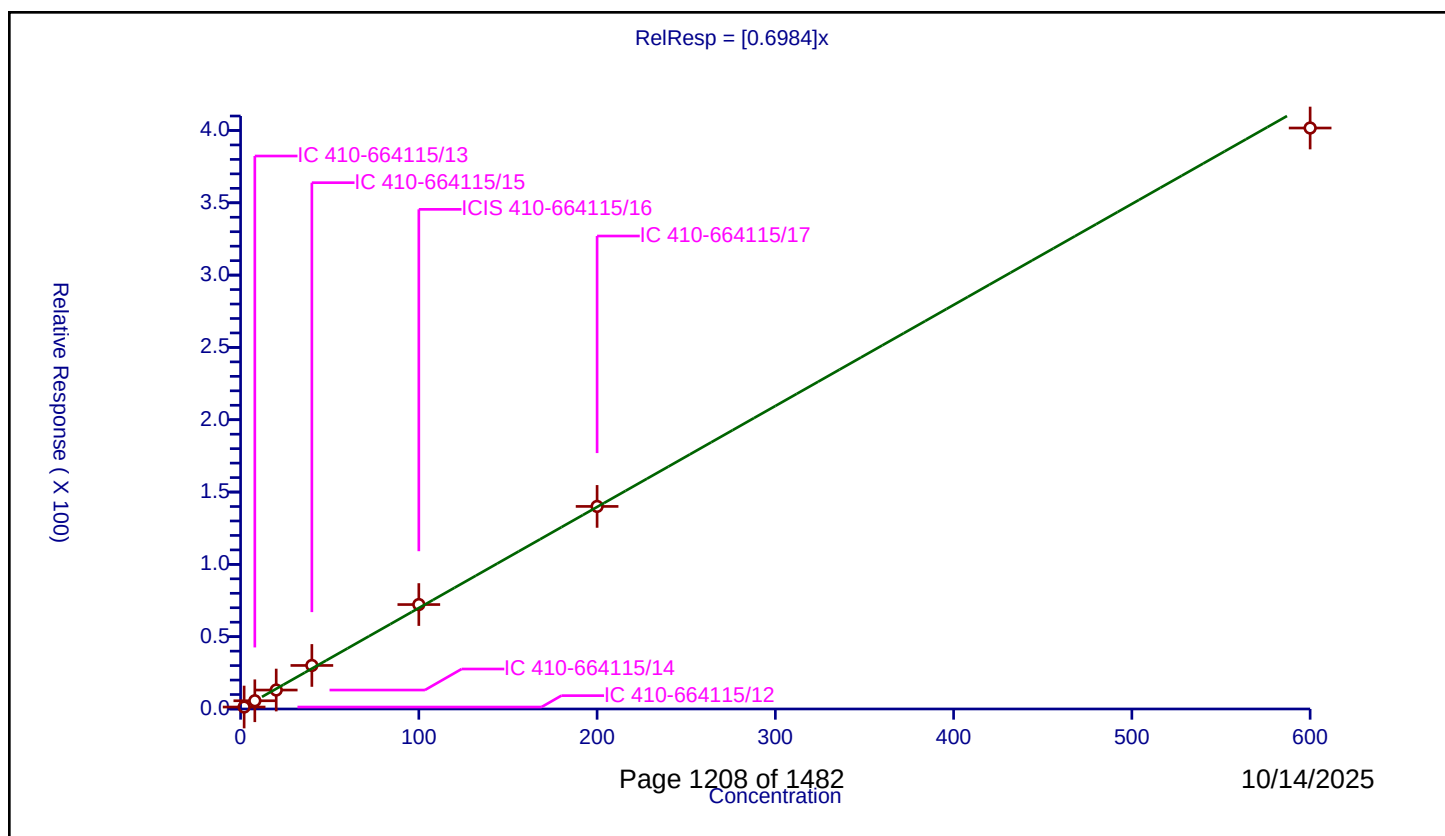
Curve Coefficients

Intercept: 0
Slope: 0.6984

Error Coefficients

Relative Standard Deviation: 4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	2.0	1.356281	50.0	830912.0	0.67814	Y
2	IC 410-664115/13	8.0	5.687241	50.0	867178.0	0.710905	Y
3	IC 410-664115/14	20.0	13.102796	50.0	862232.0	0.65514	Y
4	IC 410-664115/15	40.0	30.106536	50.0	888905.0	0.752663	Y
5	ICIS 410-664115/16	100.0	72.216861	50.0	912989.0	0.722169	Y
6	IC 410-664115/17	200.0	140.073056	50.0	937504.0	0.700365	Y
7	IC 410-664115/18	600.0	401.71182	50.0	989882.0	0.66952	Y



Calibration

/ n-Butyl acrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

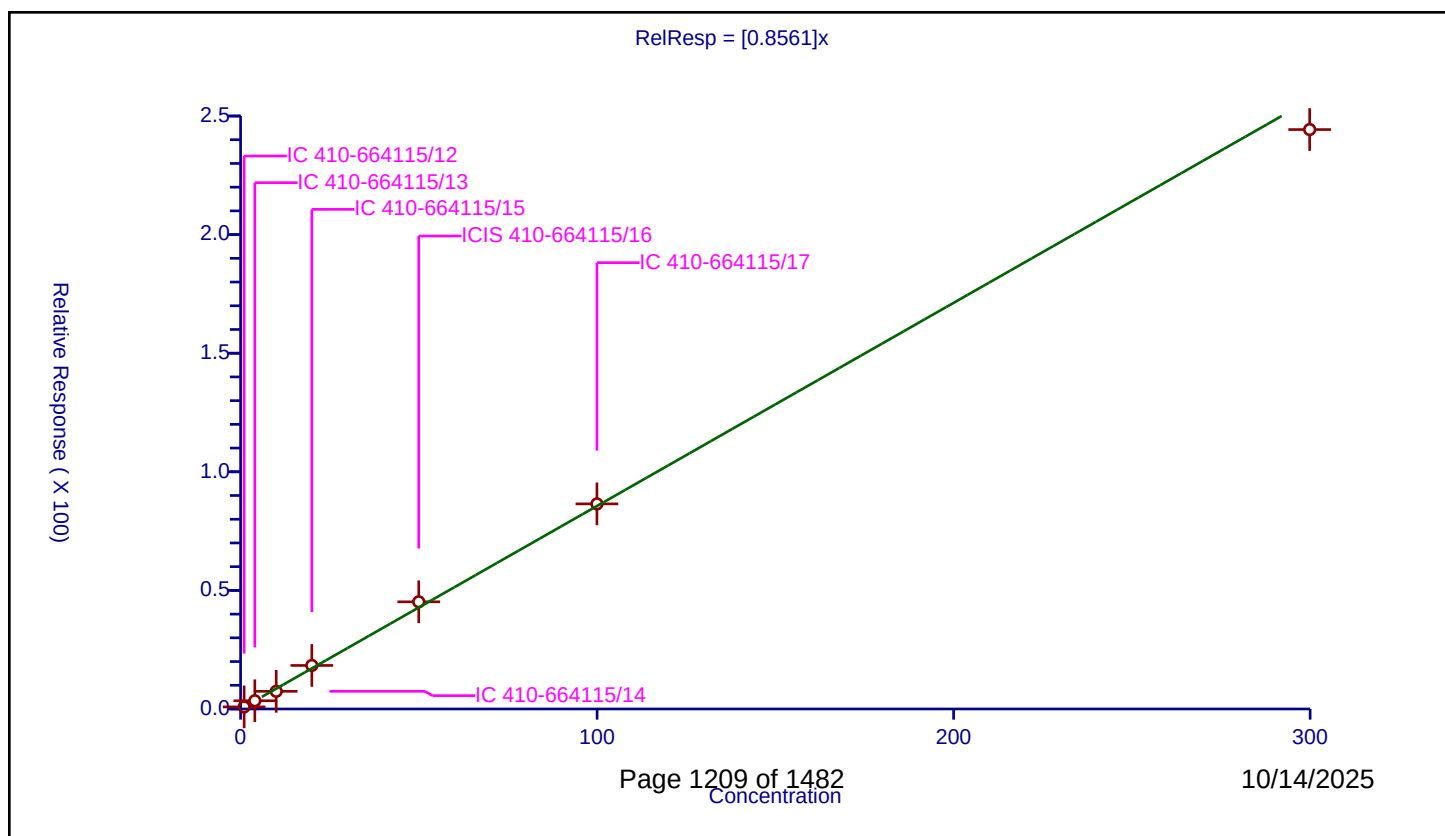
Curve Coefficients

Intercept: 0
Slope: 0.8561

Error Coefficients

Relative Standard Deviation: 6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	0.999582	0.877409	50.0	830912.0	0.877776	Y
2	IC 410-664115/13	3.99833	3.470741	50.0	867178.0	0.868048	Y
3	IC 410-664115/14	9.995824	7.450779	50.0	862232.0	0.745389	Y
4	IC 410-664115/15	19.991648	18.353311	50.0	888905.0	0.918049	Y
5	ICIS 410-664115/16	49.97912	45.174203	50.0	912989.0	0.903862	Y
6	IC 410-664115/17	99.95824	86.470884	50.0	937504.0	0.86507	Y
7	IC 410-664115/18	299.87472	244.28548	50.0	989882.0	0.814625	Y



Calibration

/ o-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

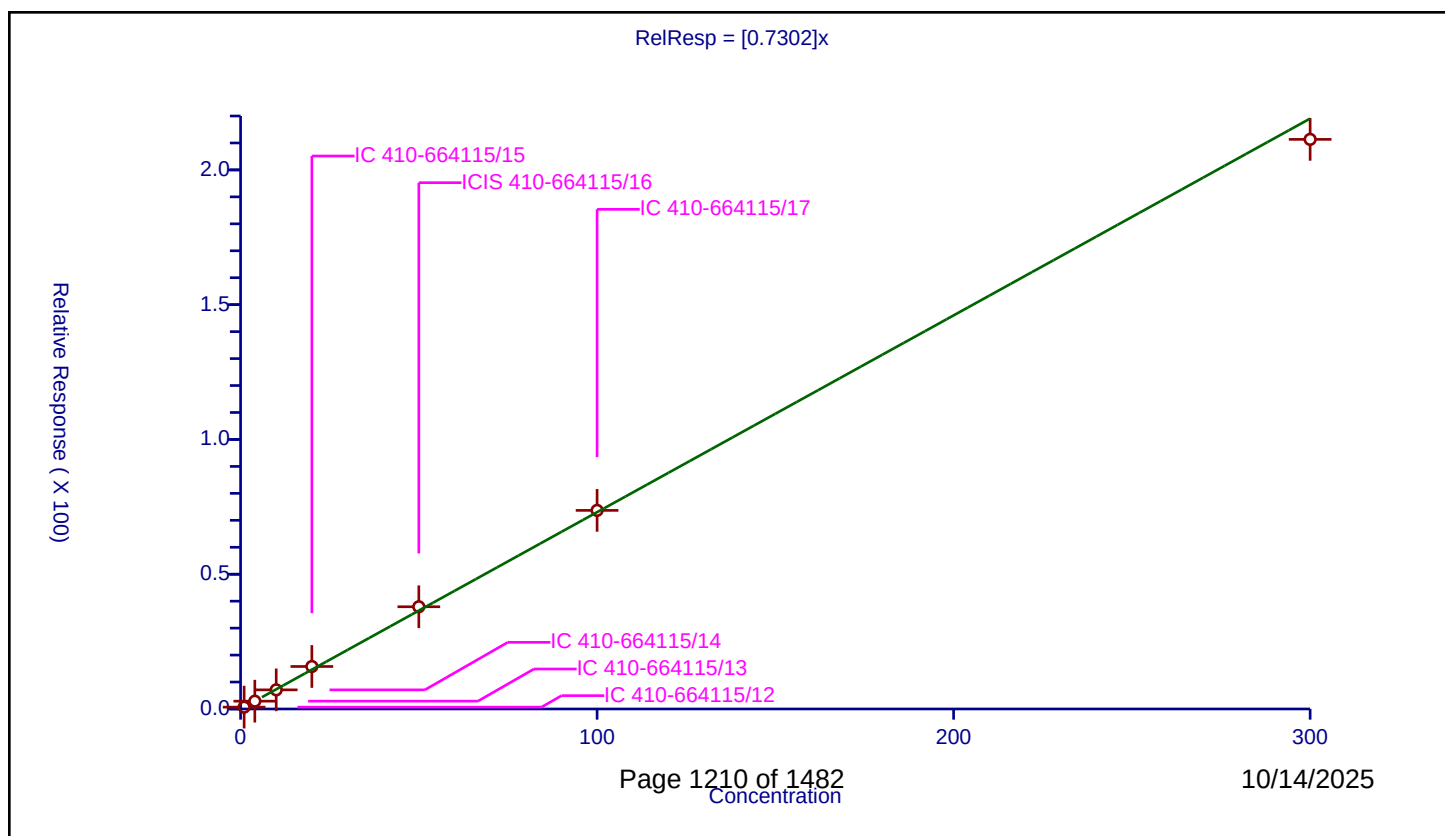
Curve Coefficients

Intercept: 0
Slope: 0.7302

Error Coefficients

Relative Standard Deviation: 4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.687618	50.0	830912.0	0.687618	Y
2	IC 410-664115/13	4.0	2.901365	50.0	867178.0	0.725341	Y
3	IC 410-664115/14	10.0	7.103077	50.0	862232.0	0.710308	Y
4	IC 410-664115/15	20.0	15.762708	50.0	888905.0	0.788135	Y
5	ICIS 410-664115/16	50.0	37.925484	50.0	912989.0	0.75851	Y
6	IC 410-664115/17	100.0	73.685232	50.0	937504.0	0.736852	Y
7	IC 410-664115/18	300.0	211.329886	50.0	989882.0	0.704433	Y



Calibration

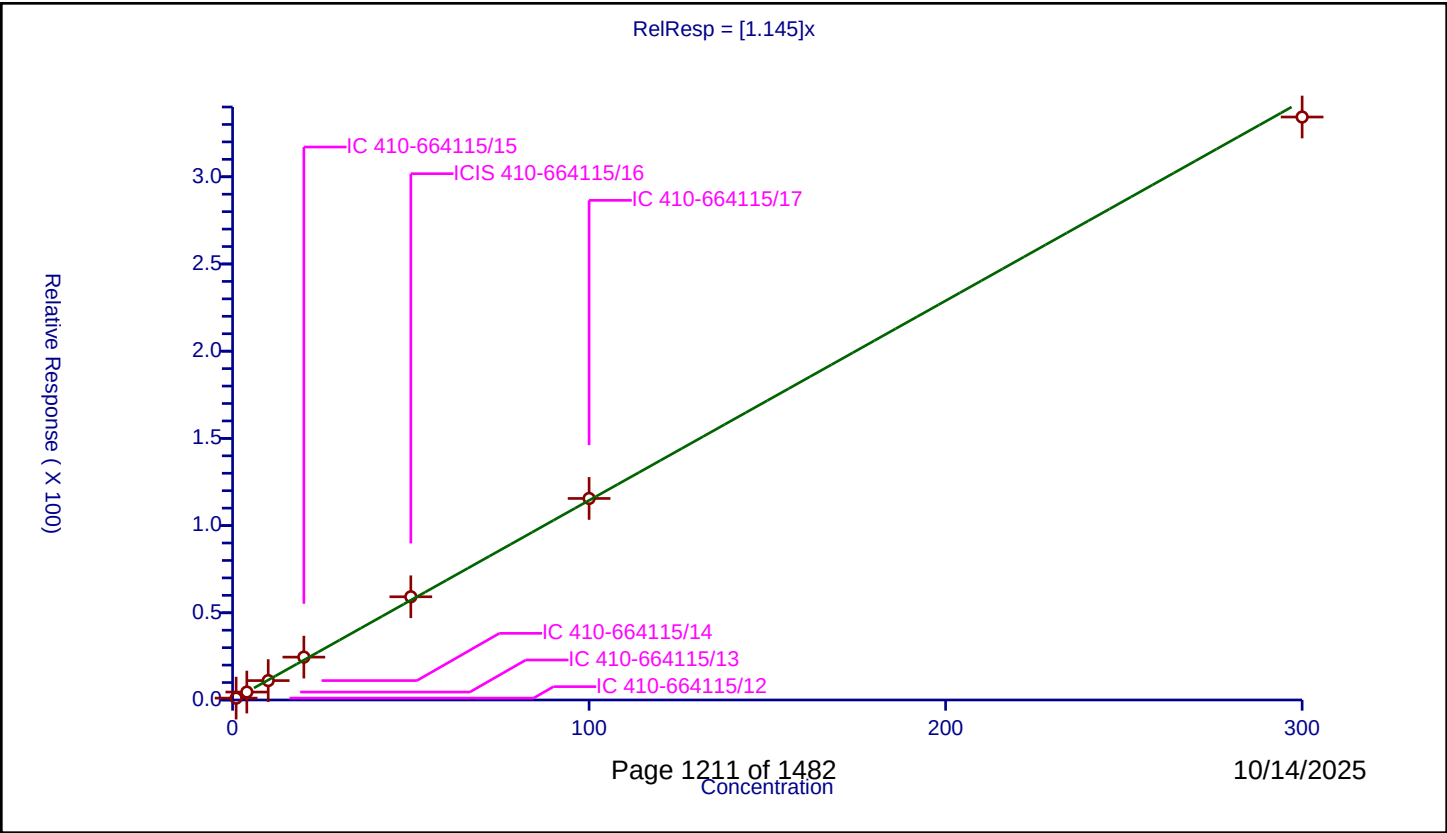
/ Styrene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.145
Error Coefficients	

Relative Standard Deviation: 4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.079477	50.0	830912.0	1.079477	Y
2	IC 410-664115/13	4.0	4.553621	50.0	867178.0	1.138405	Y
3	IC 410-664115/14	10.0	11.116904	50.0	862232.0	1.11169	Y
4	IC 410-664115/15	20.0	24.577823	50.0	888905.0	1.228891	Y
5	ICIS 410-664115/16	50.0	59.18045	50.0	912989.0	1.183609	Y
6	IC 410-664115/17	100.0	115.558654	50.0	937504.0	1.155587	Y
7	IC 410-664115/18	300.0	334.26469	50.0	989882.0	1.114216	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

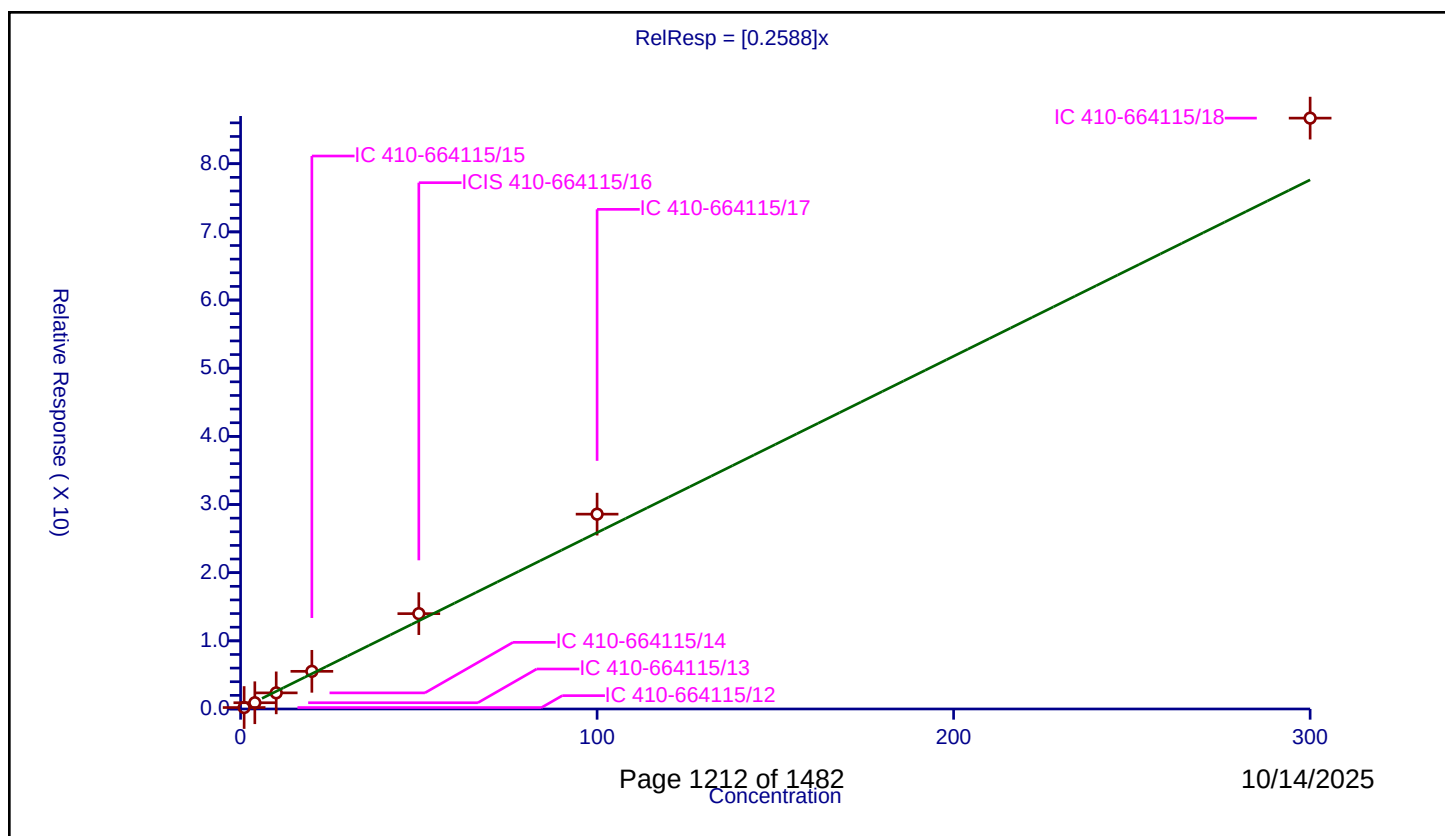
Curve Coefficients

Intercept: 0
Slope: 0.2588

Error Coefficients

Relative Standard Deviation: 11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.214523	50.0	830912.0	0.214523	Y
2	IC 410-664115/13	4.0	0.918842	50.0	867178.0	0.229711	Y
3	IC 410-664115/14	10.0	2.363691	50.0	862232.0	0.236369	Y
4	IC 410-664115/15	20.0	5.525056	50.0	888905.0	0.276253	Y
5	ICIS 410-664115/16	50.0	13.988285	50.0	912989.0	0.279766	Y
6	IC 410-664115/17	100.0	28.588358	50.0	937504.0	0.285884	Y
7	IC 410-664115/18	300.0	86.692303	50.0	989882.0	0.288974	Y



Calibration

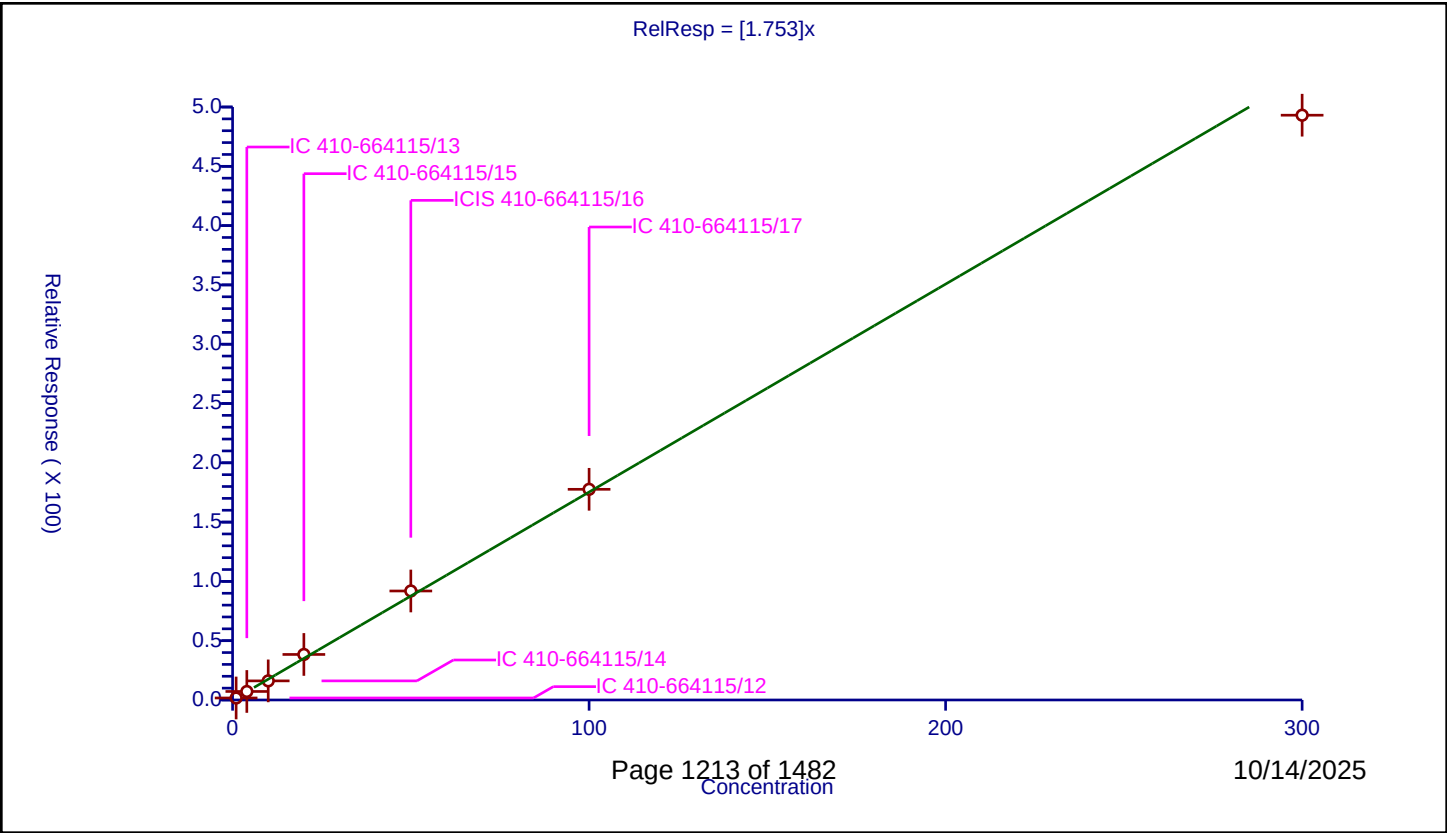
/ Isopropylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.753
Error Coefficients	

Relative Standard Deviation: 6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.690251	50.0	830912.0	1.690251	Y
2	IC 410-664115/13	4.0	7.181513	50.0	867178.0	1.795378	Y
3	IC 410-664115/14	10.0	16.10541	50.0	862232.0	1.610541	Y
4	IC 410-664115/15	20.0	38.389592	50.0	888905.0	1.91948	Y
5	ICIS 410-664115/16	50.0	91.899902	50.0	912989.0	1.837998	Y
6	IC 410-664115/17	100.0	177.642442	50.0	937504.0	1.776424	Y
7	IC 410-664115/18	300.0	493.106401	50.0	989882.0	1.643688	Y



Calibration

/ 4-Bromofluorobenzene (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

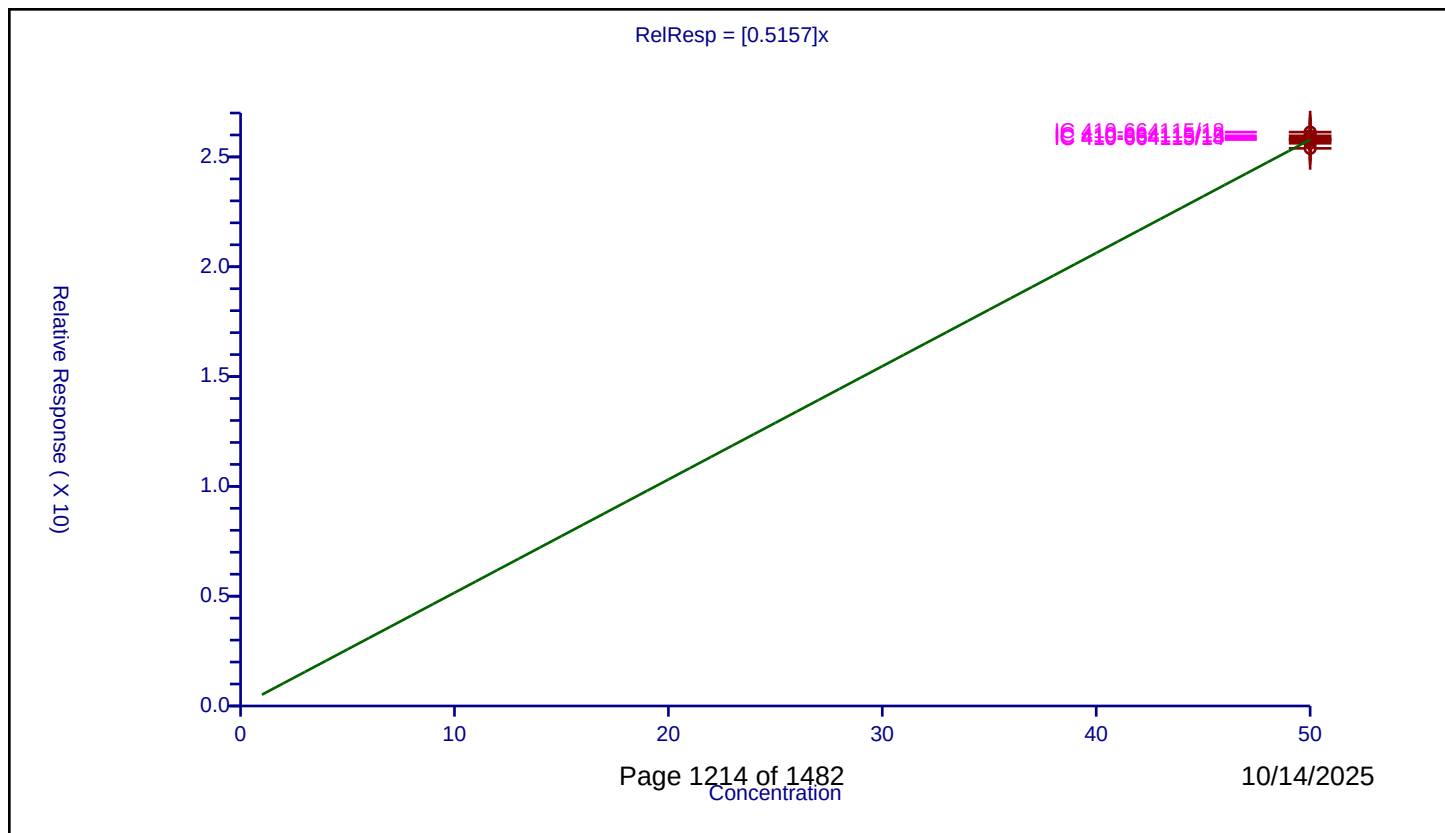
Curve Coefficients

Intercept: 0
Slope: 0.5157

Error Coefficients

Relative Standard Deviation: 0.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	50.0	25.740632	50.0	830912.0	0.514813	Y
2	IC 410-664115/13	50.0	25.961567	50.0	867178.0	0.519231	Y
3	IC 410-664115/14	50.0	25.791492	50.0	862232.0	0.51583	Y
4	IC 410-664115/15	50.0	25.847982	50.0	888905.0	0.51696	Y
5	ICIS 410-664115/16	50.0	25.621722	50.0	912989.0	0.512434	Y
6	IC 410-664115/17	50.0	25.391732	50.0	937504.0	0.507835	Y
7	IC 410-664115/18	50.0	26.131044	50.0	989882.0	0.522621	Y



Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

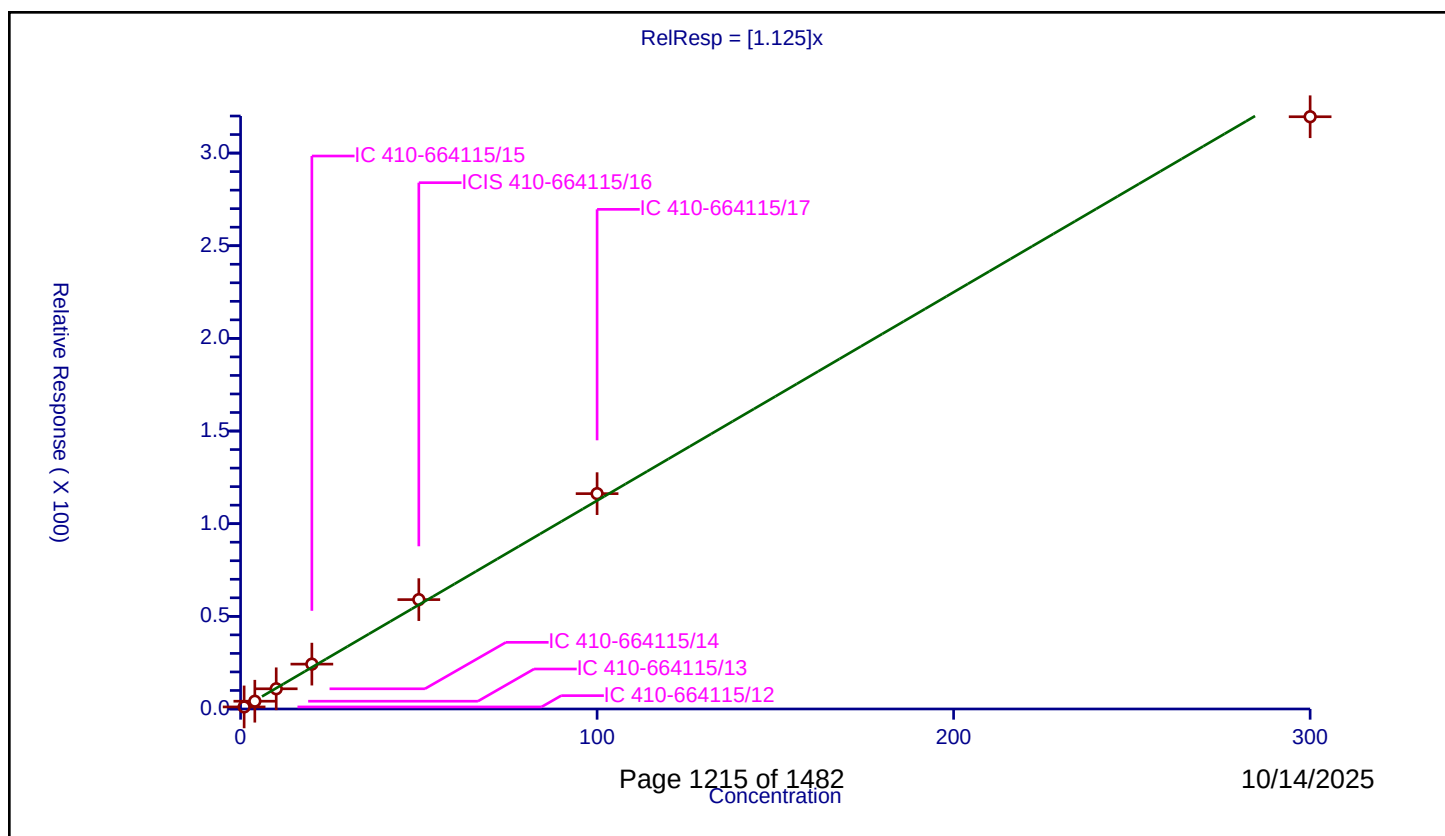
Curve Coefficients

Intercept: 0
Slope: 1.125

Error Coefficients

Relative Standard Deviation: 5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.113698	50.0	499013.0	1.113698	Y
2	IC 410-664115/13	4.0	4.197457	50.0	518147.0	1.049364	Y
3	IC 410-664115/14	10.0	10.905067	50.0	512780.0	1.090507	Y
4	IC 410-664115/15	20.0	24.207906	50.0	524938.0	1.210395	Y
5	ICIS 410-664115/16	50.0	59.020791	50.0	528069.0	1.180416	Y
6	IC 410-664115/17	100.0	116.219288	50.0	539774.0	1.162193	Y
7	IC 410-664115/18	300.0	319.614622	50.0	610361.0	1.065382	Y



Calibration

/ Bromobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

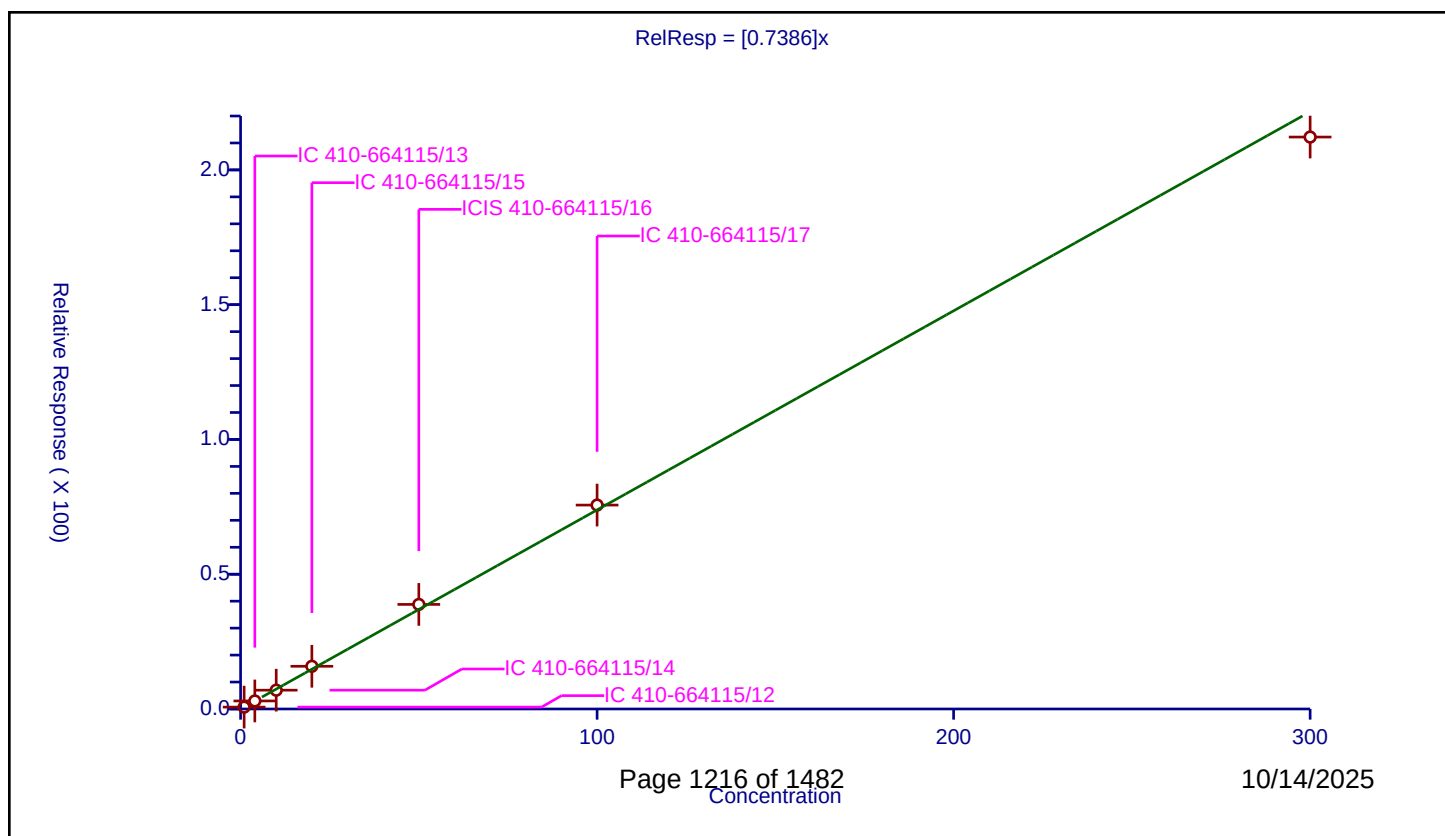
Curve Coefficients

Intercept: 0
Slope: 0.7386

Error Coefficients

Relative Standard Deviation: 5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.694371	50.0	499013.0	0.694371	Y
2	IC 410-664115/13	4.0	2.984674	50.0	518147.0	0.746169	Y
3	IC 410-664115/14	10.0	6.976969	50.0	512780.0	0.697697	Y
4	IC 410-664115/15	20.0	15.844252	50.0	524938.0	0.792213	Y
5	ICIS 410-664115/16	50.0	38.795972	50.0	528069.0	0.775919	Y
6	IC 410-664115/17	100.0	75.655274	50.0	539774.0	0.756553	Y
7	IC 410-664115/18	300.0	212.190572	50.0	610361.0	0.707302	Y



Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

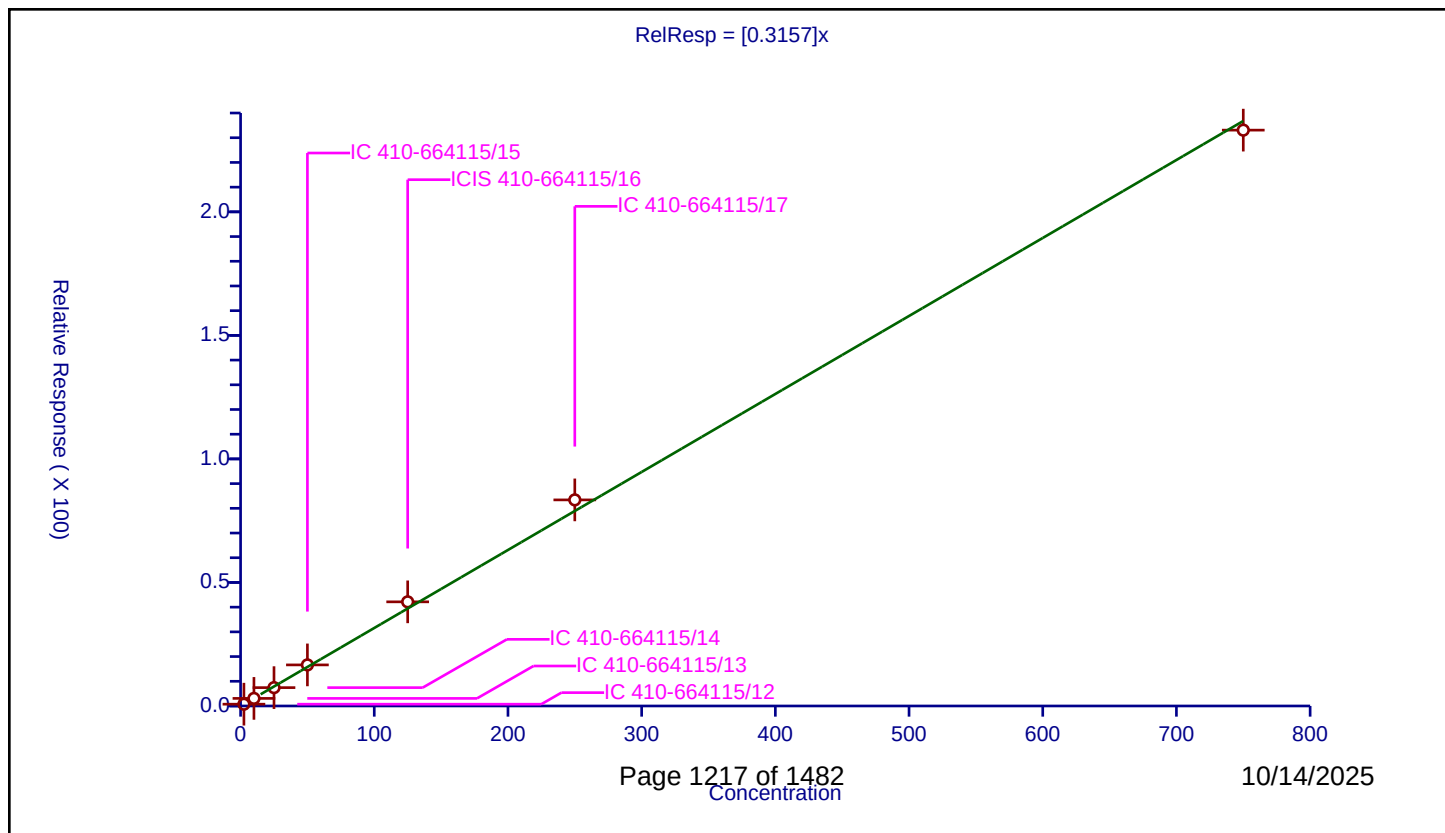
Curve Coefficients

Intercept: 0
Slope: 0.3157

Error Coefficients

Relative Standard Deviation: 5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	2.5	0.728939	50.0	499013.0	0.291576	Y
2	IC 410-664115/13	10.0	3.07104	50.0	518147.0	0.307104	Y
3	IC 410-664115/14	25.0	7.429307	50.0	512780.0	0.297172	Y
4	IC 410-664115/15	50.0	16.621772	50.0	524938.0	0.332435	Y
5	ICIS 410-664115/16	125.0	42.148185	50.0	528069.0	0.337185	Y
6	IC 410-664115/17	250.0	83.418801	50.0	539774.0	0.333675	Y
7	IC 410-664115/18	750.0	233.073706	50.0	610361.0	0.310765	Y



Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

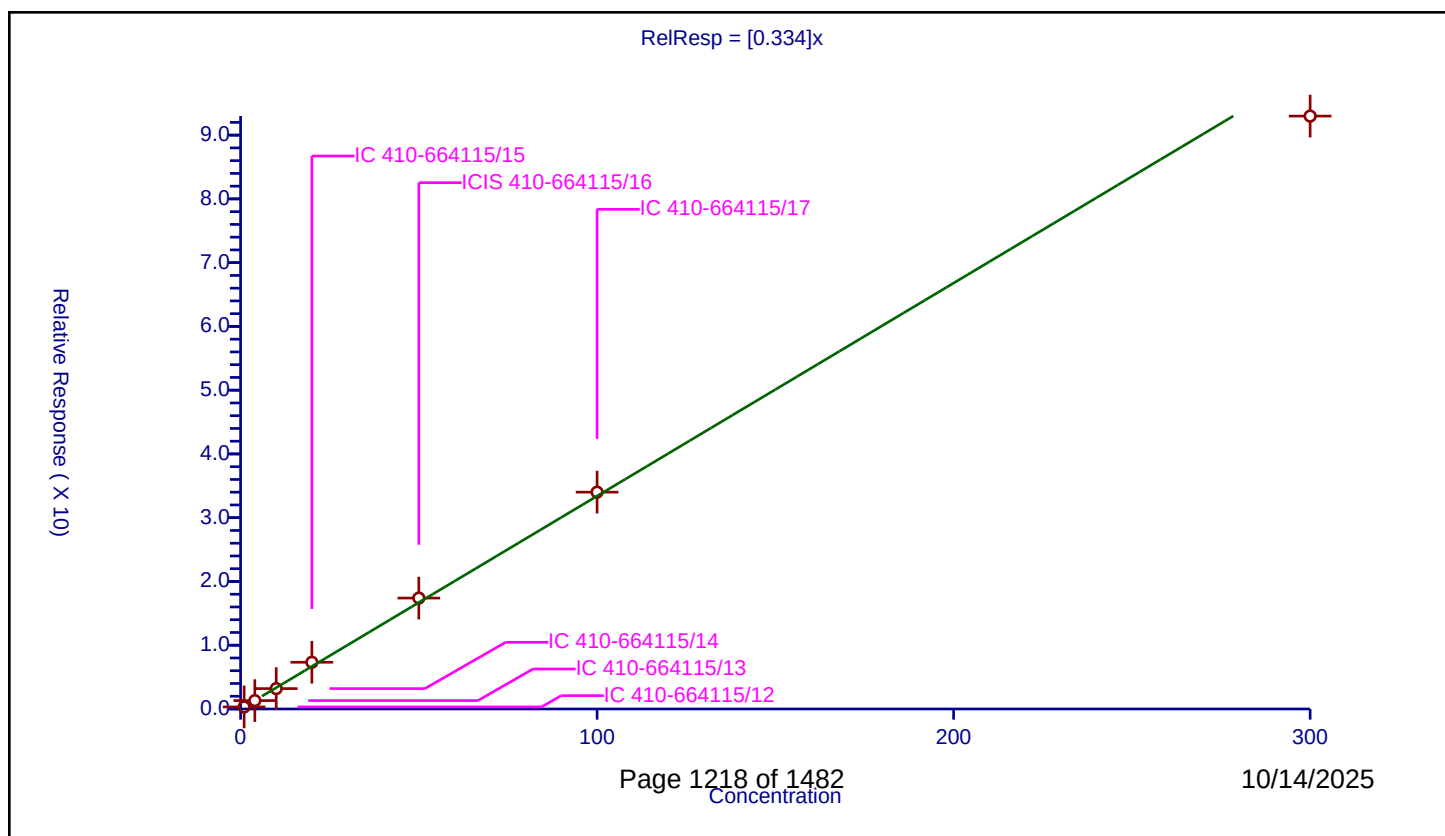
Curve Coefficients

Intercept: 0
Slope: 0.334

Error Coefficients

Relative Standard Deviation: 5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.325442	50.0	499013.0	0.325442	Y
2	IC 410-664115/13	4.0	1.313913	50.0	518147.0	0.328478	Y
3	IC 410-664115/14	10.0	3.1964	50.0	512780.0	0.31964	Y
4	IC 410-664115/15	20.0	7.327913	50.0	524938.0	0.366396	Y
5	ICIS 410-664115/16	50.0	17.39678	50.0	528069.0	0.347936	Y
6	IC 410-664115/17	100.0	34.009697	50.0	539774.0	0.340097	Y
7	IC 410-664115/18	300.0	92.986364	50.0	610361.0	0.309955	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

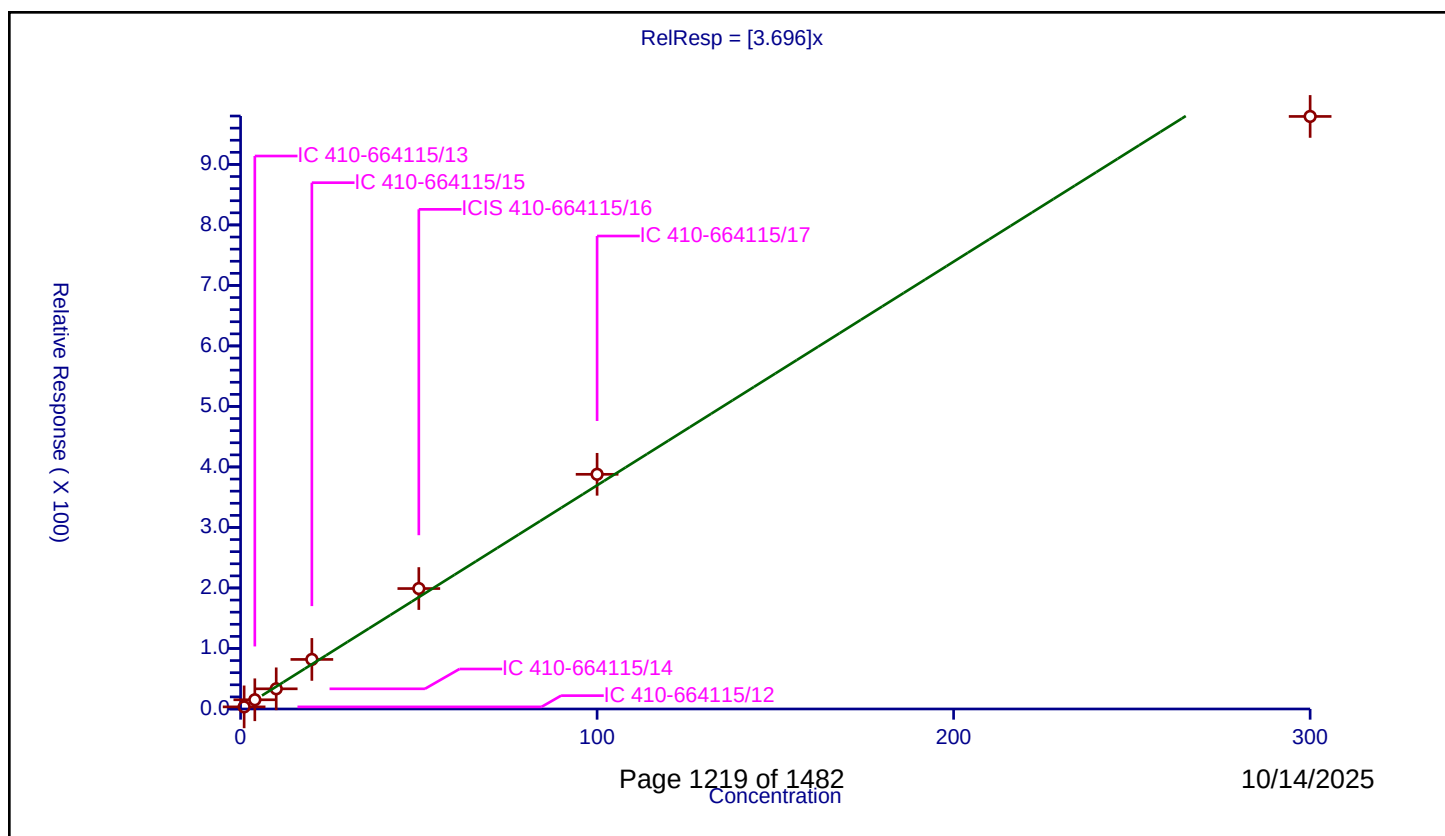
Curve Coefficients

Intercept:	0
Slope:	3.696

Error Coefficients

Relative Standard Deviation:	8.8
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ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	3.511532	50.0	499013.0	3.511532	Y
2	IC 410-664115/13	4.0	15.234866	50.0	518147.0	3.808716	Y
3	IC 410-664115/14	10.0	33.358653	50.0	512780.0	3.335865	Y
4	IC 410-664115/15	20.0	81.908054	50.0	524938.0	4.095403	Y
5	ICIS 410-664115/16	50.0	199.037815	50.0	528069.0	3.980756	Y
6	IC 410-664115/17	100.0	387.855936	50.0	539774.0	3.878559	Y
7	IC 410-664115/18	300.0	979.30356	50.0	610361.0	3.264345	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

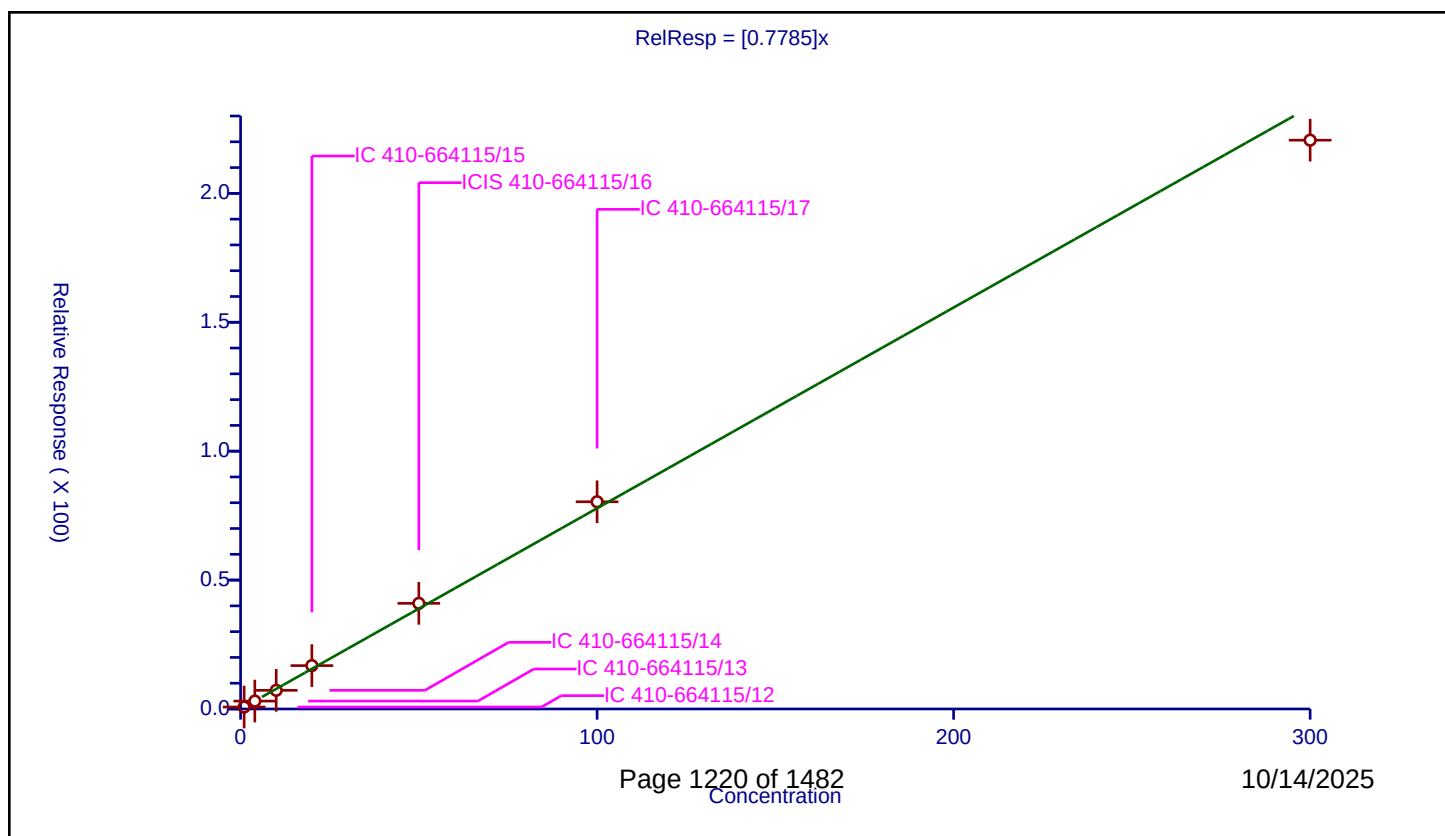
Curve Coefficients

Intercept: 0
Slope: 0.7785

Error Coefficients

Relative Standard Deviation: 5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.76	50.0	499013.0	0.76	Y
2	IC 410-664115/13	4.0	3.063706	50.0	518147.0	0.765926	Y
3	IC 410-664115/14	10.0	7.240044	50.0	512780.0	0.724004	Y
4	IC 410-664115/15	20.0	16.824749	50.0	524938.0	0.841237	Y
5	ICIS 410-664115/16	50.0	40.973907	50.0	528069.0	0.819478	Y
6	IC 410-664115/17	100.0	80.374564	50.0	539774.0	0.803746	Y
7	IC 410-664115/18	300.0	220.631233	50.0	610361.0	0.735437	Y



Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

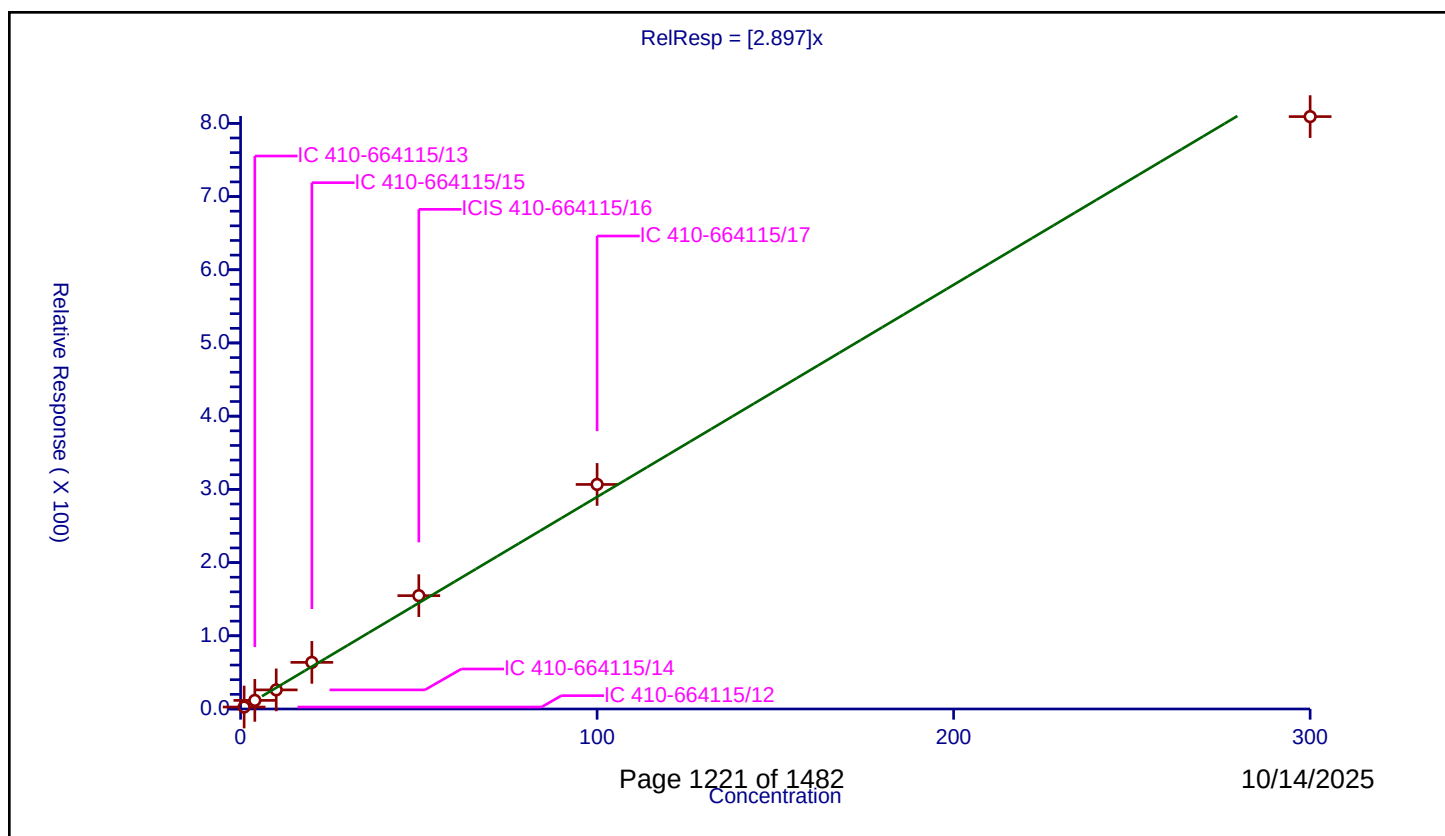
Curve Coefficients

Intercept: 0
Slope: 2.897

Error Coefficients

Relative Standard Deviation: 7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	2.688307	50.0	499013.0	2.688307	Y
2	IC 410-664115/13	4.0	11.740105	50.0	518147.0	2.935026	Y
3	IC 410-664115/14	10.0	26.105152	50.0	512780.0	2.610515	Y
4	IC 410-664115/15	20.0	63.683521	50.0	524938.0	3.184176	Y
5	ICIS 410-664115/16	50.0	154.821245	50.0	528069.0	3.096425	Y
6	IC 410-664115/17	100.0	306.726889	50.0	539774.0	3.067269	Y
7	IC 410-664115/18	300.0	809.195214	50.0	610361.0	2.697317	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

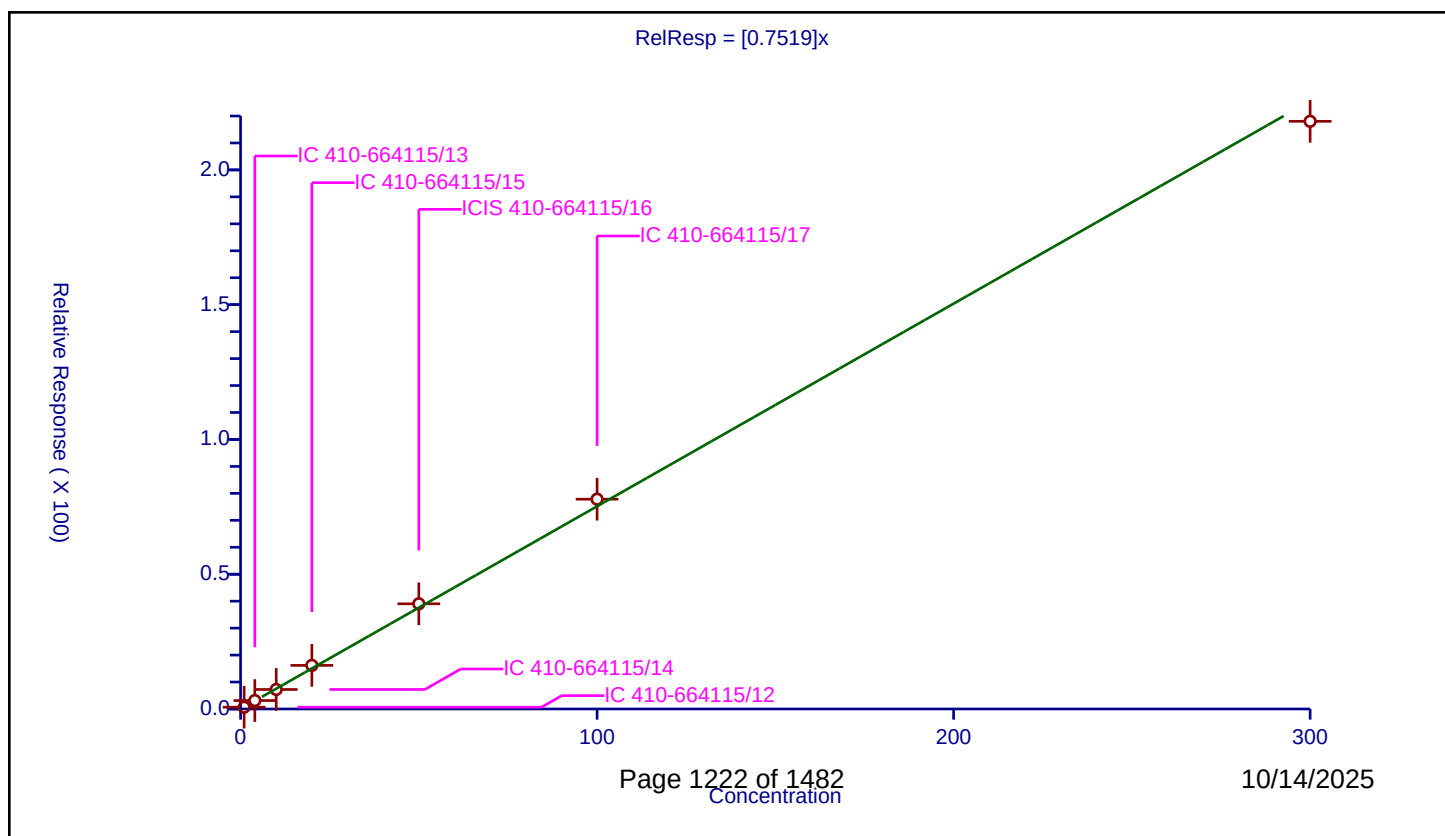
Curve Coefficients

Intercept: 0
Slope: 0.7519

Error Coefficients

Relative Standard Deviation: 6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.663009	50.0	499013.0	0.663009	Y
2	IC 410-664115/13	4.0	3.128552	50.0	518147.0	0.782138	Y
3	IC 410-664115/14	10.0	7.237119	50.0	512780.0	0.723712	Y
4	IC 410-664115/15	20.0	16.180292	50.0	524938.0	0.809015	Y
5	ICIS 410-664115/16	50.0	39.028044	50.0	528069.0	0.780561	Y
6	IC 410-664115/17	100.0	77.838225	50.0	539774.0	0.778382	Y
7	IC 410-664115/18	300.0	218.036293	50.0	610361.0	0.726788	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

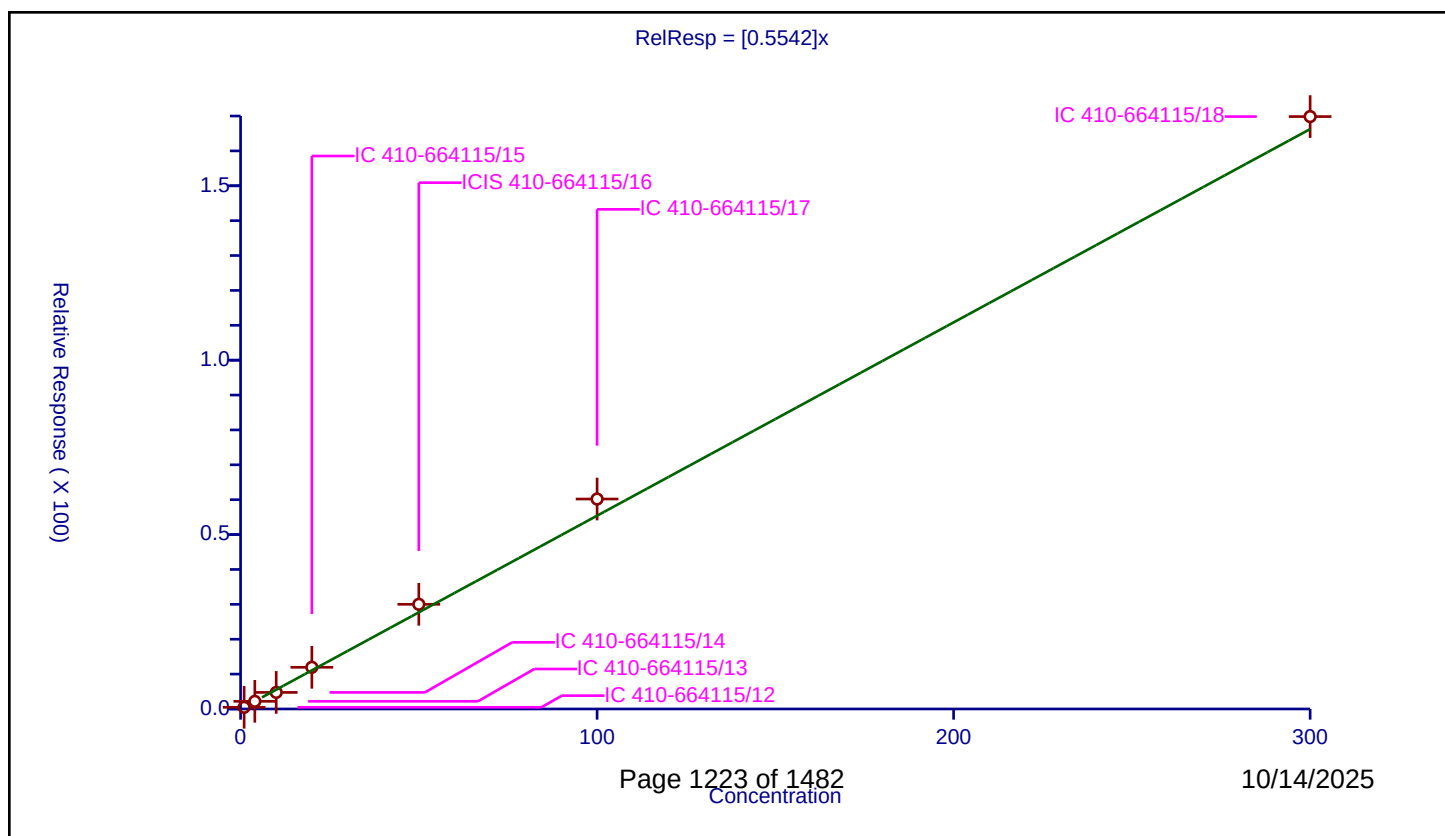
Curve Coefficients

Intercept: 0
Slope: 0.5542

Error Coefficients

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.488965	50.0	499013.0	0.488965	Y
2	IC 410-664115/13	4.0	2.196481	50.0	518147.0	0.54912	Y
3	IC 410-664115/14	10.0	4.750673	50.0	512780.0	0.475067	Y
4	IC 410-664115/15	20.0	11.953031	50.0	524938.0	0.597652	Y
5	ICIS 410-664115/16	50.0	30.011135	50.0	528069.0	0.600223	Y
6	IC 410-664115/17	100.0	60.196768	50.0	539774.0	0.601968	Y
7	IC 410-664115/18	300.0	169.840881	50.0	610361.0	0.566136	Y



Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

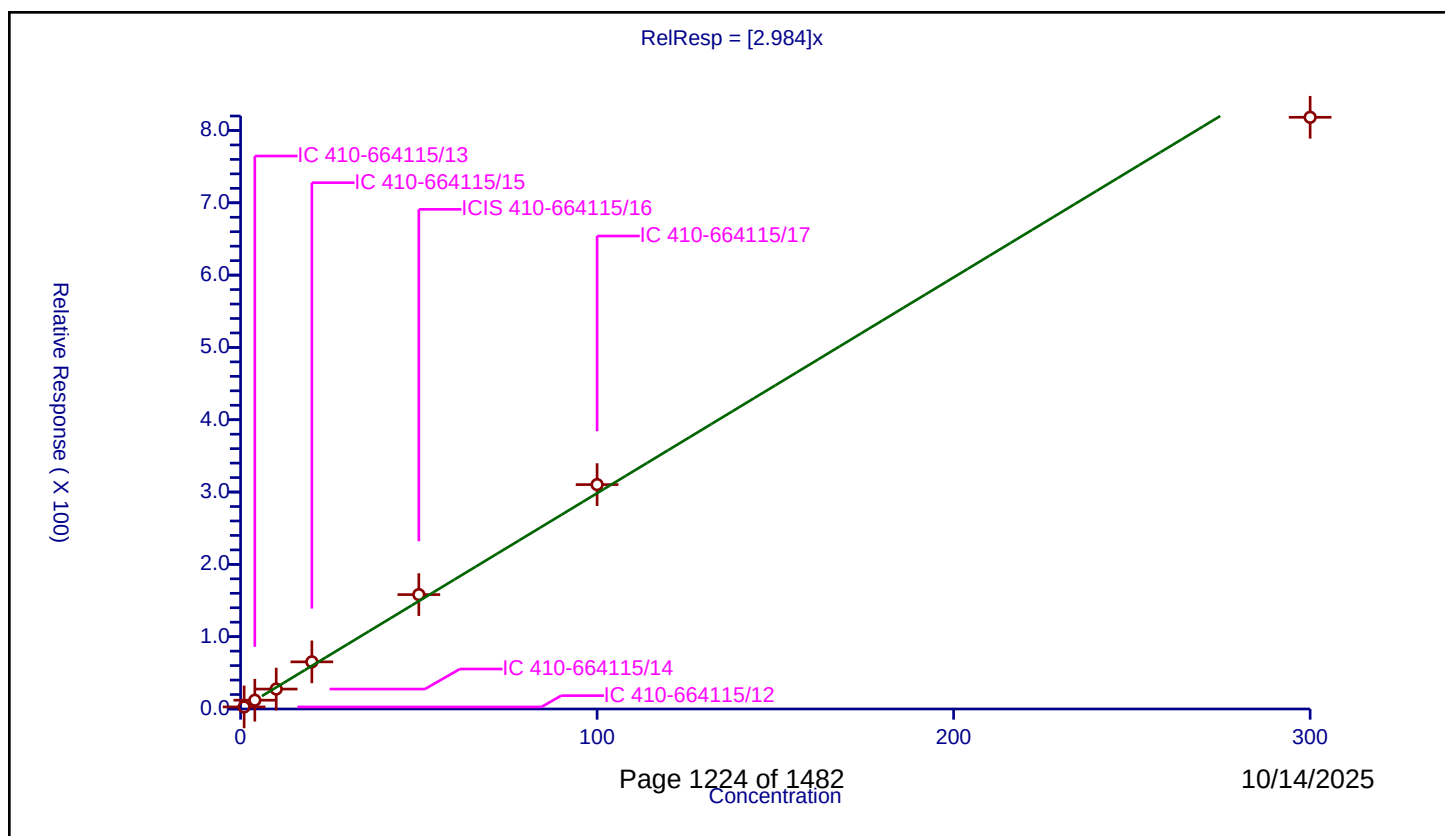
Curve Coefficients

Intercept: 0
Slope: 2.984

Error Coefficients

Relative Standard Deviation: 7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	2.843413	50.0	499013.0	2.843413	Y
2	IC 410-664115/13	4.0	12.137579	50.0	518147.0	3.034395	Y
3	IC 410-664115/14	10.0	27.580541	50.0	512780.0	2.758054	Y
4	IC 410-664115/15	20.0	65.169315	50.0	524938.0	3.258466	Y
5	ICIS 410-664115/16	50.0	158.164937	50.0	528069.0	3.163299	Y
6	IC 410-664115/17	100.0	310.306073	50.0	539774.0	3.103061	Y
7	IC 410-664115/18	300.0	818.219545	50.0	610361.0	2.727398	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

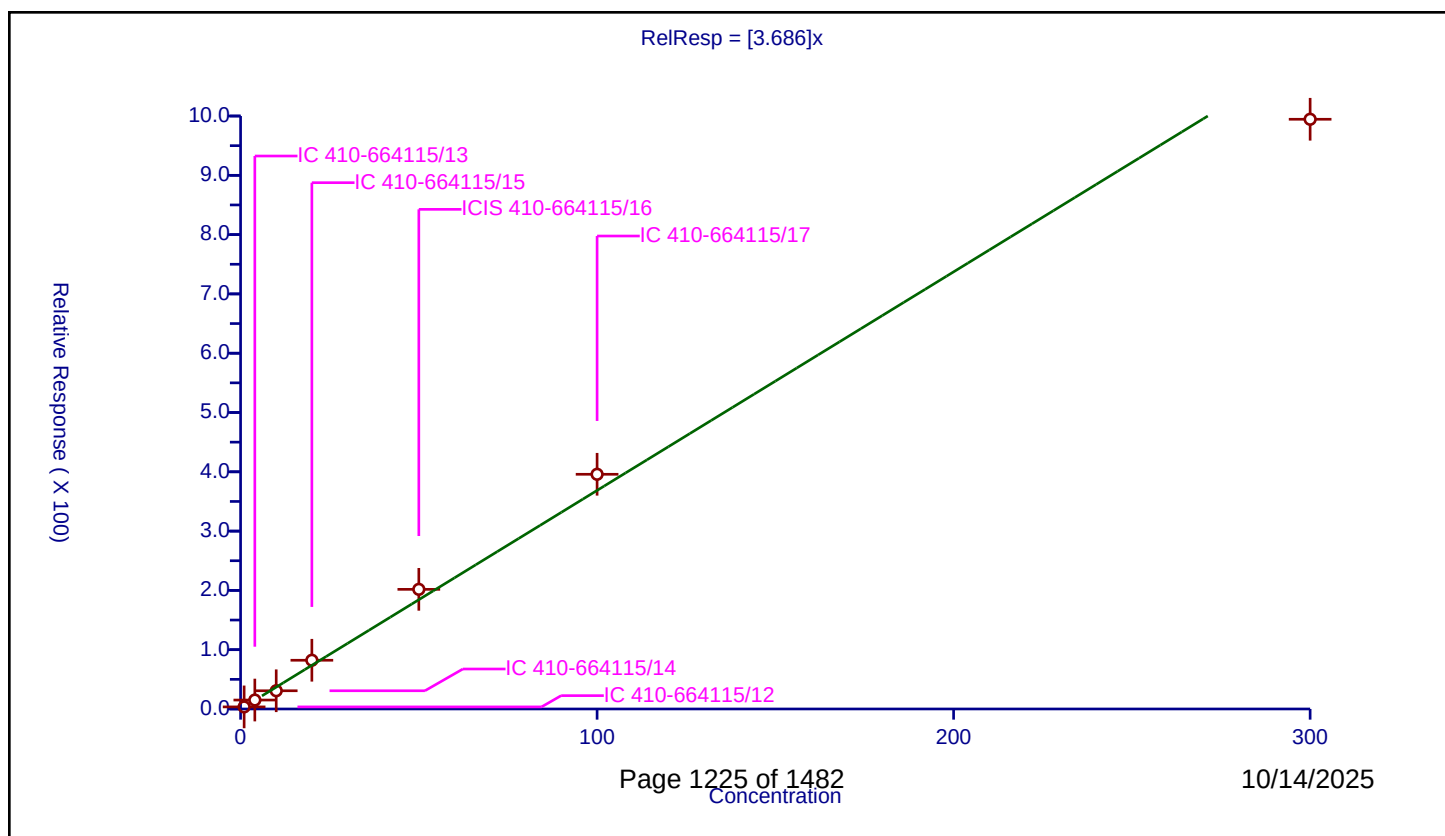
Curve Coefficients

Intercept: 0
Slope: 3.686

Error Coefficients

Relative Standard Deviation: 10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	3.535479	50.0	499013.0	3.535479	Y
2	IC 410-664115/13	4.0	15.102471	50.0	518147.0	3.775618	Y
3	IC 410-664115/14	10.0	30.739303	50.0	512780.0	3.07393	Y
4	IC 410-664115/15	20.0	82.178657	50.0	524938.0	4.108933	Y
5	ICIS 410-664115/16	50.0	201.740682	50.0	528069.0	4.034814	Y
6	IC 410-664115/17	100.0	395.804726	50.0	539774.0	3.958047	Y
7	IC 410-664115/18	300.0	994.524142	50.0	610361.0	3.31508	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

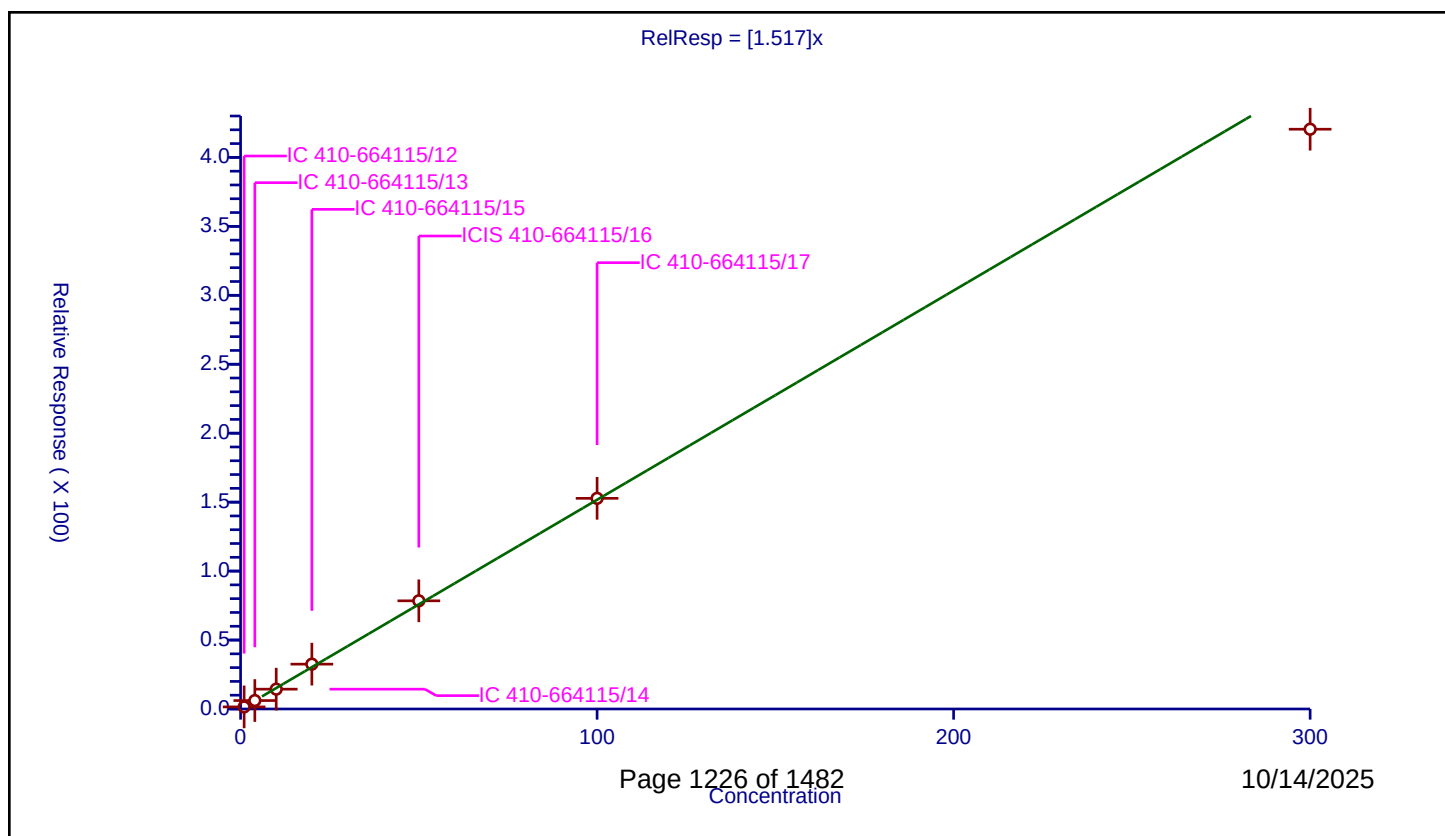
Curve Coefficients

Intercept: 0
Slope: 1.517

Error Coefficients

Relative Standard Deviation: 5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.527215	50.0	499013.0	1.527215	Y
2	IC 410-664115/13	4.0	6.124227	50.0	518147.0	1.531057	Y
3	IC 410-664115/14	10.0	14.384336	50.0	512780.0	1.438434	Y
4	IC 410-664115/15	20.0	32.520126	50.0	524938.0	1.626006	Y
5	ICIS 410-664115/16	50.0	78.437572	50.0	528069.0	1.568751	Y
6	IC 410-664115/17	100.0	152.766065	50.0	539774.0	1.527661	Y
7	IC 410-664115/18	300.0	420.421193	50.0	610361.0	1.401404	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

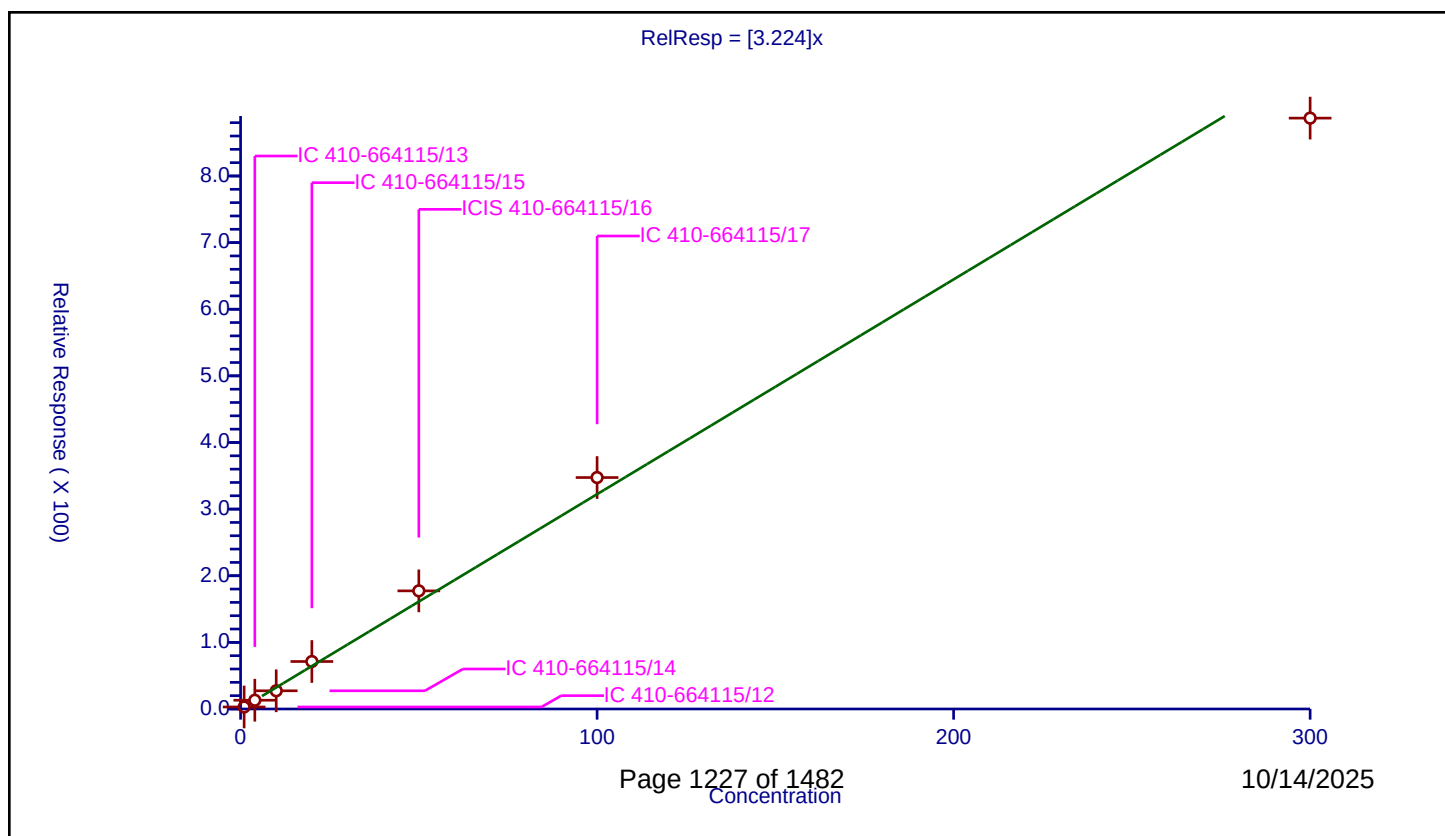
Curve Coefficients

Intercept: 0
Slope: 3.224

Error Coefficients

Relative Standard Deviation: 10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	3.010843	50.0	499013.0	3.010843	Y
2	IC 410-664115/13	4.0	13.135944	50.0	518147.0	3.283986	Y
3	IC 410-664115/14	10.0	27.318441	50.0	512780.0	2.731844	Y
4	IC 410-664115/15	20.0	71.265464	50.0	524938.0	3.563273	Y
5	ICIS 410-664115/16	50.0	177.297664	50.0	528069.0	3.545953	Y
6	IC 410-664115/17	100.0	347.407433	50.0	539774.0	3.474074	Y
7	IC 410-664115/18	300.0	886.829843	50.0	610361.0	2.956099	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

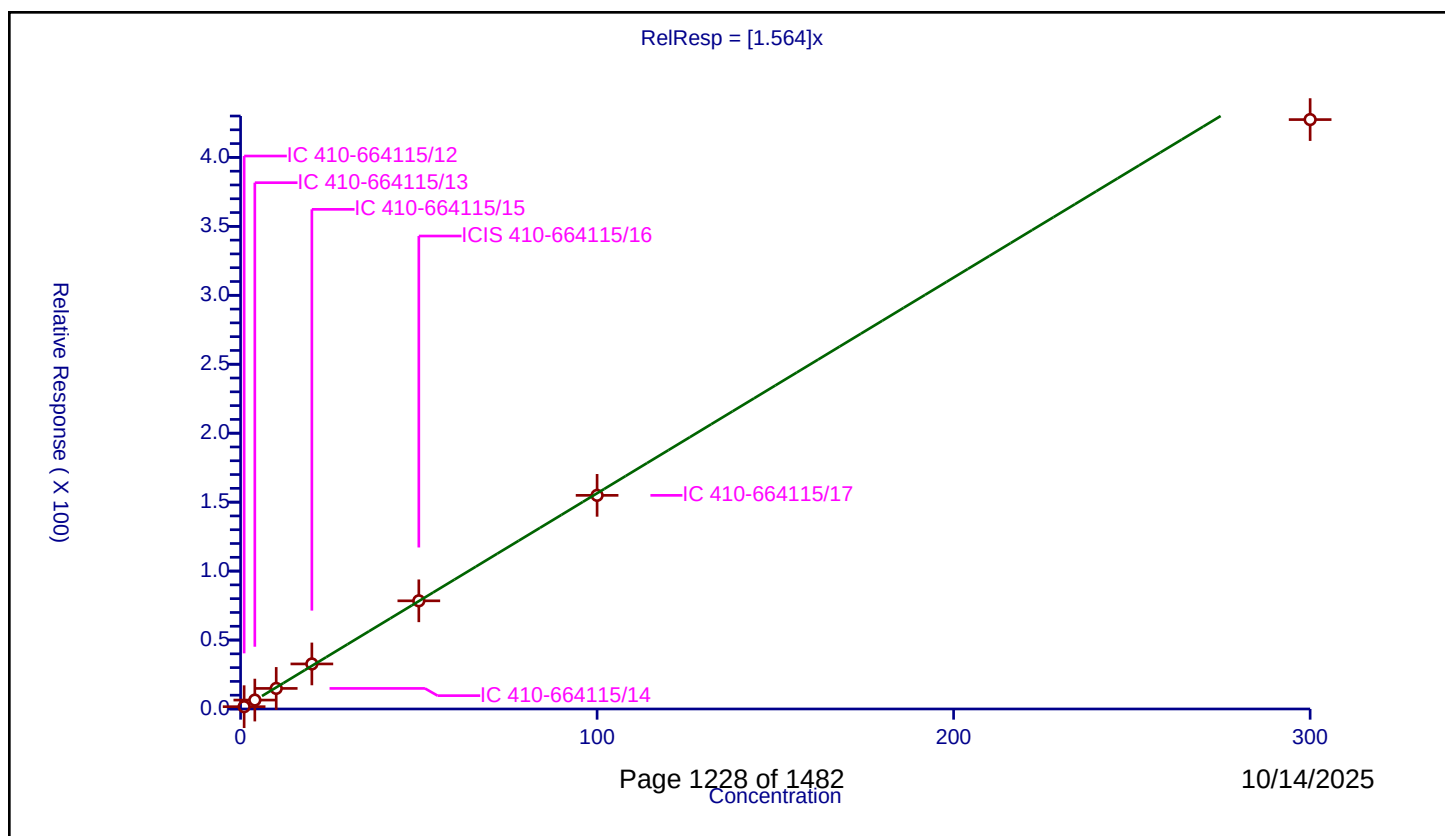
Curve Coefficients

Intercept: 0
Slope: 1.564

Error Coefficients

Relative Standard Deviation: 5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.664886	50.0	499013.0	1.664886	Y
2	IC 410-664115/13	4.0	6.468724	50.0	518147.0	1.617181	Y
3	IC 410-664115/14	10.0	14.913511	50.0	512780.0	1.491351	Y
4	IC 410-664115/15	20.0	32.666239	50.0	524938.0	1.633312	Y
5	ICIS 410-664115/16	50.0	78.434258	50.0	528069.0	1.568685	Y
6	IC 410-664115/17	100.0	154.921597	50.0	539774.0	1.549216	Y
7	IC 410-664115/18	300.0	427.415906	50.0	610361.0	1.42472	Y



Calibration

/ 1,2,3-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

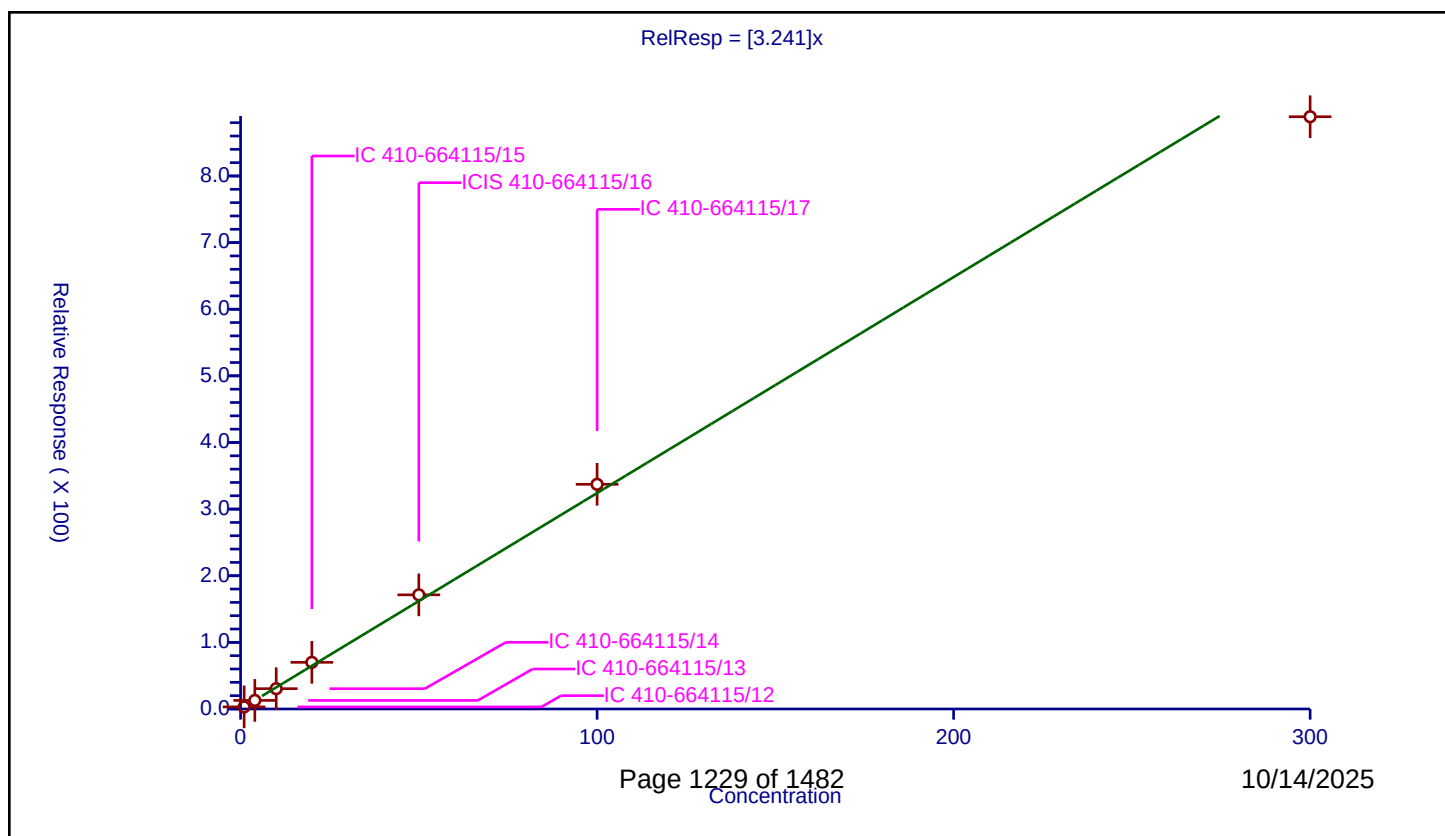
Curve Coefficients

Intercept: 0
Slope: 3.241

Error Coefficients

Relative Standard Deviation: 6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	3.157333	50.0	499013.0	3.157333	Y
2	IC 410-664115/13	4.0	12.879164	50.0	518147.0	3.219791	Y
3	IC 410-664115/14	10.0	30.461016	50.0	512780.0	3.046102	Y
4	IC 410-664115/15	20.0	70.036652	50.0	524938.0	3.501833	Y
5	ICIS 410-664115/16	50.0	171.328841	50.0	528069.0	3.426577	Y
6	IC 410-664115/17	100.0	337.222337	50.0	539774.0	3.372223	Y
7	IC 410-664115/18	300.0	888.938432	50.0	610361.0	2.963128	Y



Calibration

/ Benzyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

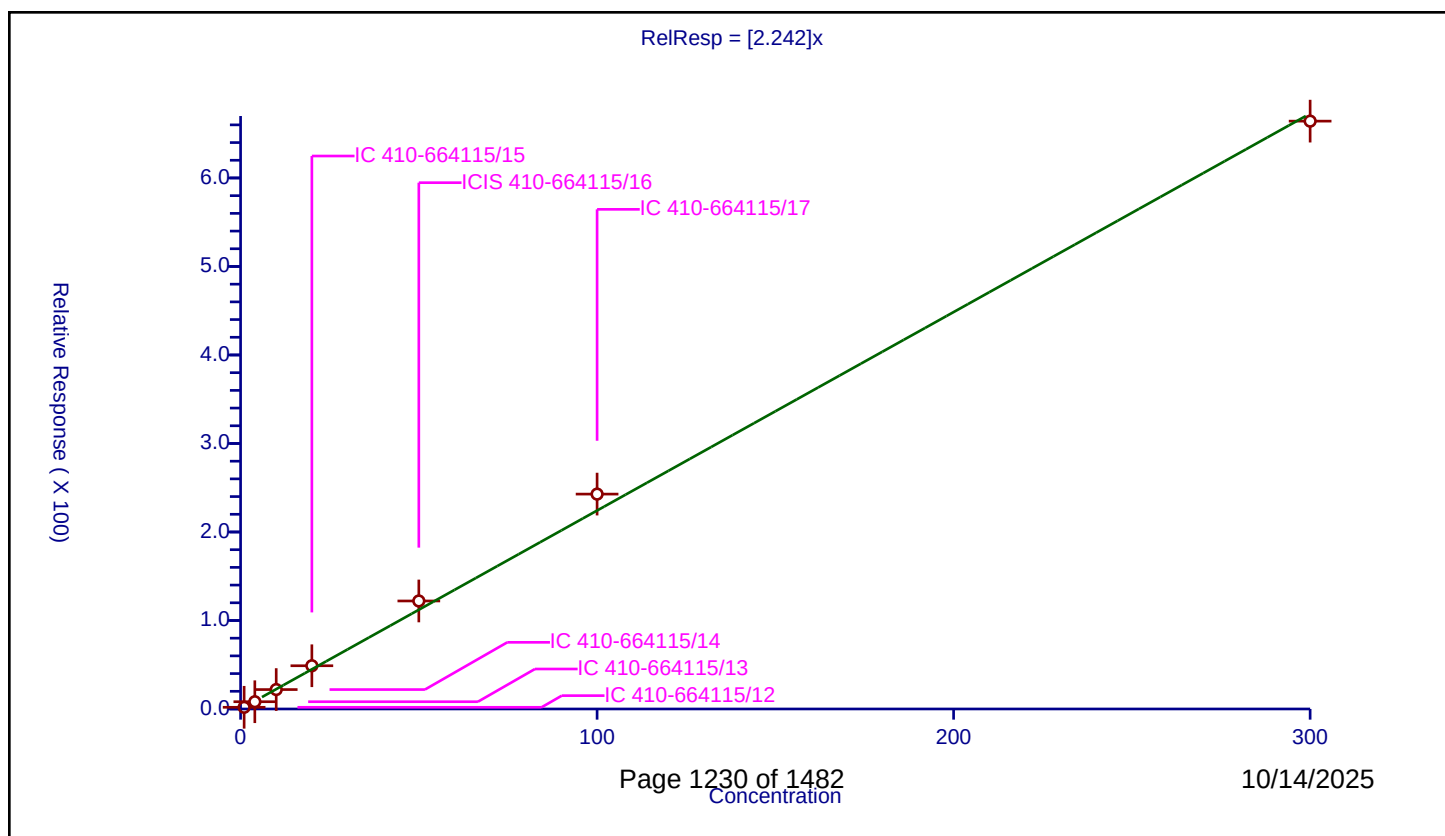
Curve Coefficients

Intercept: 0
Slope: 2.242

Error Coefficients

Relative Standard Deviation: 9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.9251	50.0	499013.0	1.9251	Y
2	IC 410-664115/13	4.0	8.204042	50.0	518147.0	2.051011	Y
3	IC 410-664115/14	10.0	21.948789	50.0	512780.0	2.194879	Y
4	IC 410-664115/15	20.0	48.845197	50.0	524938.0	2.44226	Y
5	ICIS 410-664115/16	50.0	122.057913	50.0	528069.0	2.441158	Y
6	IC 410-664115/17	100.0	242.80032	50.0	539774.0	2.428003	Y
7	IC 410-664115/18	300.0	664.218225	50.0	610361.0	2.214061	Y



Calibration

/ 1,3-Diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

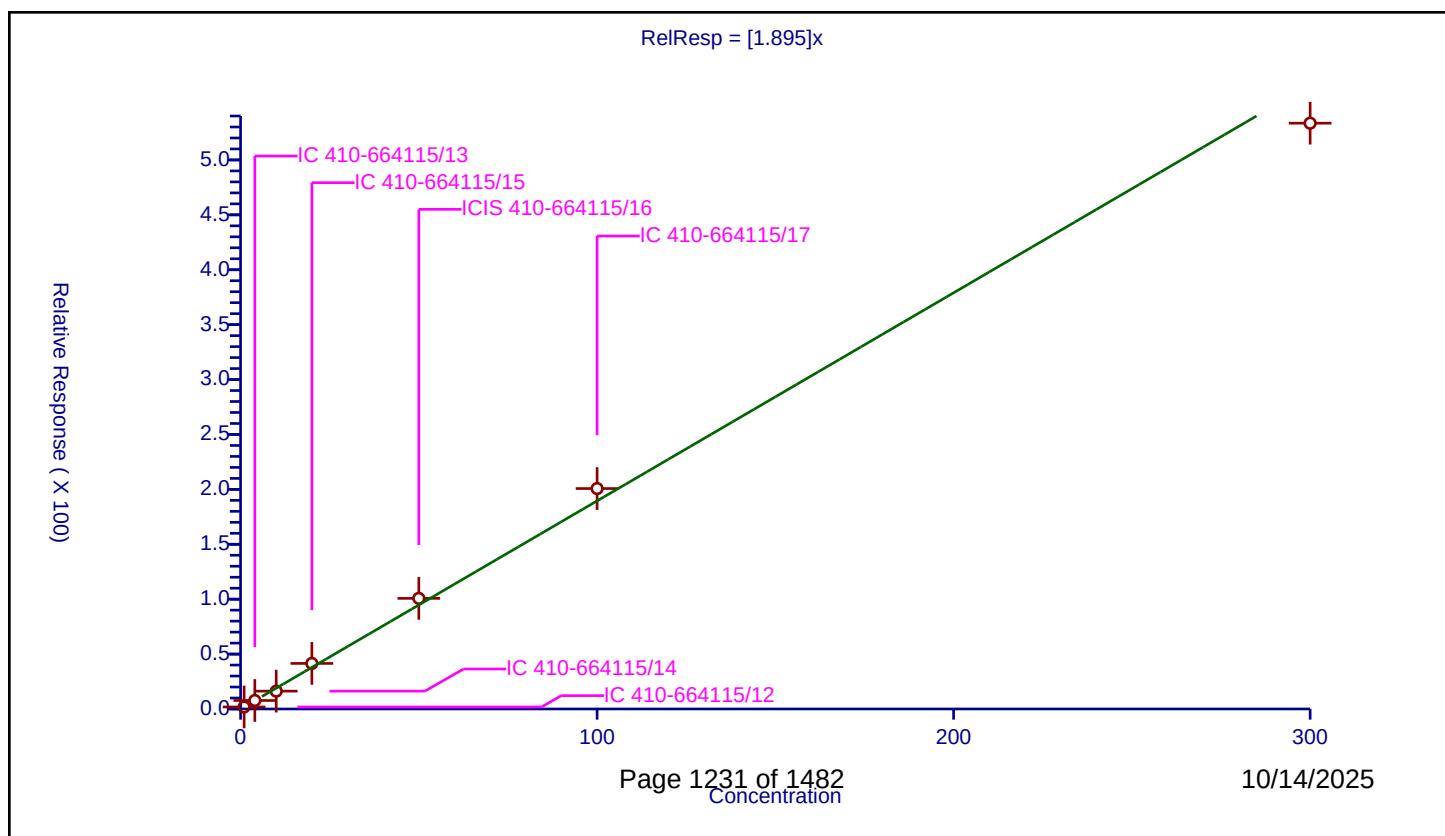
Curve Coefficients

Intercept: 0
Slope: 1.895

Error Coefficients

Relative Standard Deviation: 8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.830814	50.0	499013.0	1.830814	Y
2	IC 410-664115/13	4.0	7.733616	50.0	518147.0	1.933404	Y
3	IC 410-664115/14	10.0	16.255412	50.0	512780.0	1.625541	Y
4	IC 410-664115/15	20.0	41.493567	50.0	524938.0	2.074678	Y
5	ICIS 410-664115/16	50.0	100.748766	50.0	528069.0	2.014975	Y
6	IC 410-664115/17	100.0	200.737624	50.0	539774.0	2.007376	Y
7	IC 410-664115/18	300.0	533.471175	50.0	610361.0	1.778237	Y



Calibration

/ p-Diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

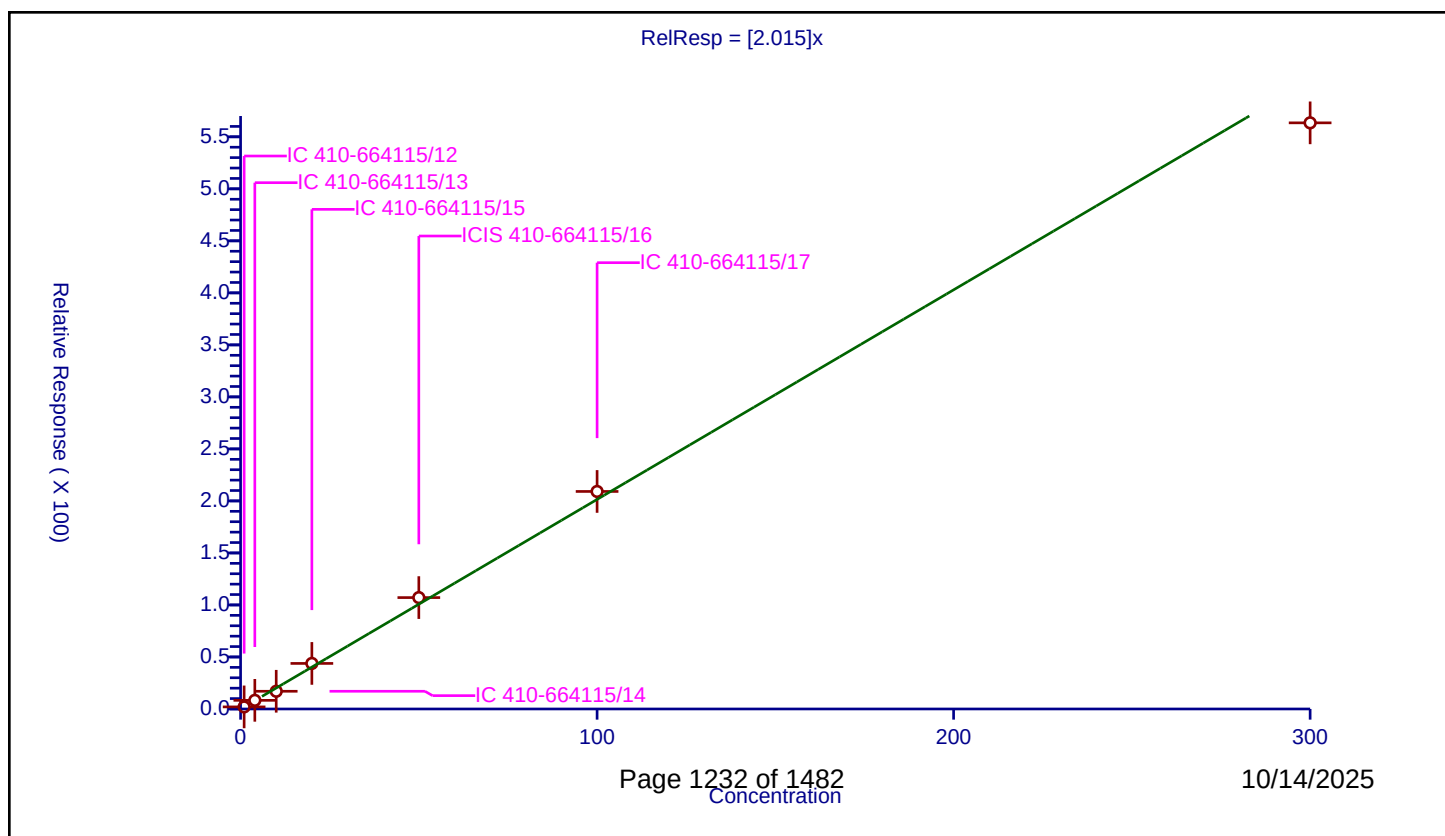
Curve Coefficients

Intercept: 0
Slope: 2.015

Error Coefficients

Relative Standard Deviation: 8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	2.017182	50.0	499013.0	2.017182	Y
2	IC 410-664115/13	4.0	8.32534	50.0	518147.0	2.081335	Y
3	IC 410-664115/14	10.0	17.02348	50.0	512780.0	1.702348	Y
4	IC 410-664115/15	20.0	43.796982	50.0	524938.0	2.189849	Y
5	ICIS 410-664115/16	50.0	107.082976	50.0	528069.0	2.14166	Y
6	IC 410-664115/17	100.0	209.110016	50.0	539774.0	2.0911	Y
7	IC 410-664115/18	300.0	563.445731	50.0	610361.0	1.878152	Y



Calibration

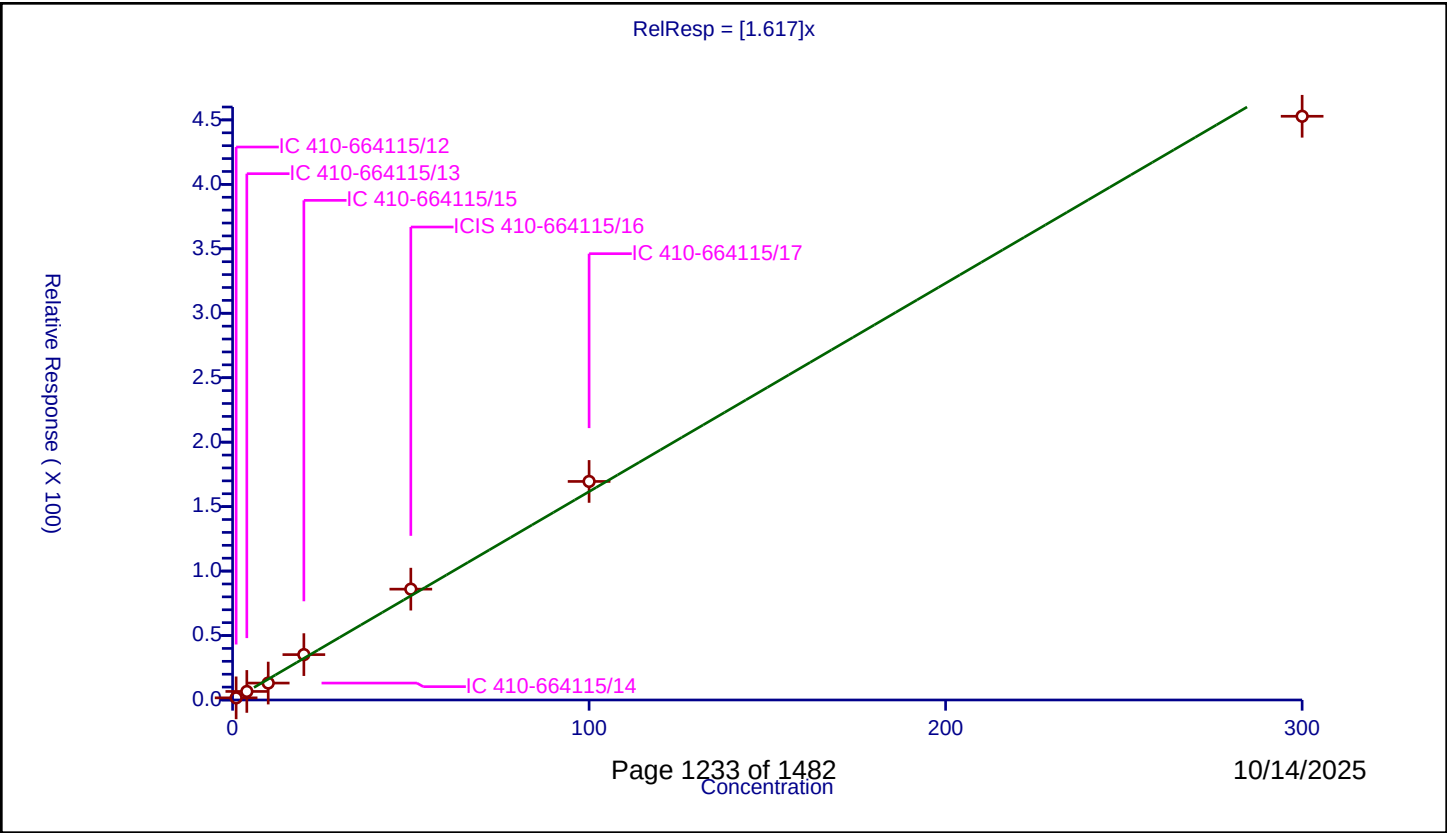
/ n-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.617
Error Coefficients	

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.661881	50.0	499013.0	1.661881	Y
2	IC 410-664115/13	4.0	6.624664	50.0	518147.0	1.656166	Y
3	IC 410-664115/14	10.0	13.132045	50.0	512780.0	1.313204	Y
4	IC 410-664115/15	20.0	35.194728	50.0	524938.0	1.759736	Y
5	ICIS 410-664115/16	50.0	85.99416	50.0	528069.0	1.719883	Y
6	IC 410-664115/17	100.0	169.539381	50.0	539774.0	1.695394	Y
7	IC 410-664115/18	300.0	452.82038	50.0	610361.0	1.509401	Y



Calibration

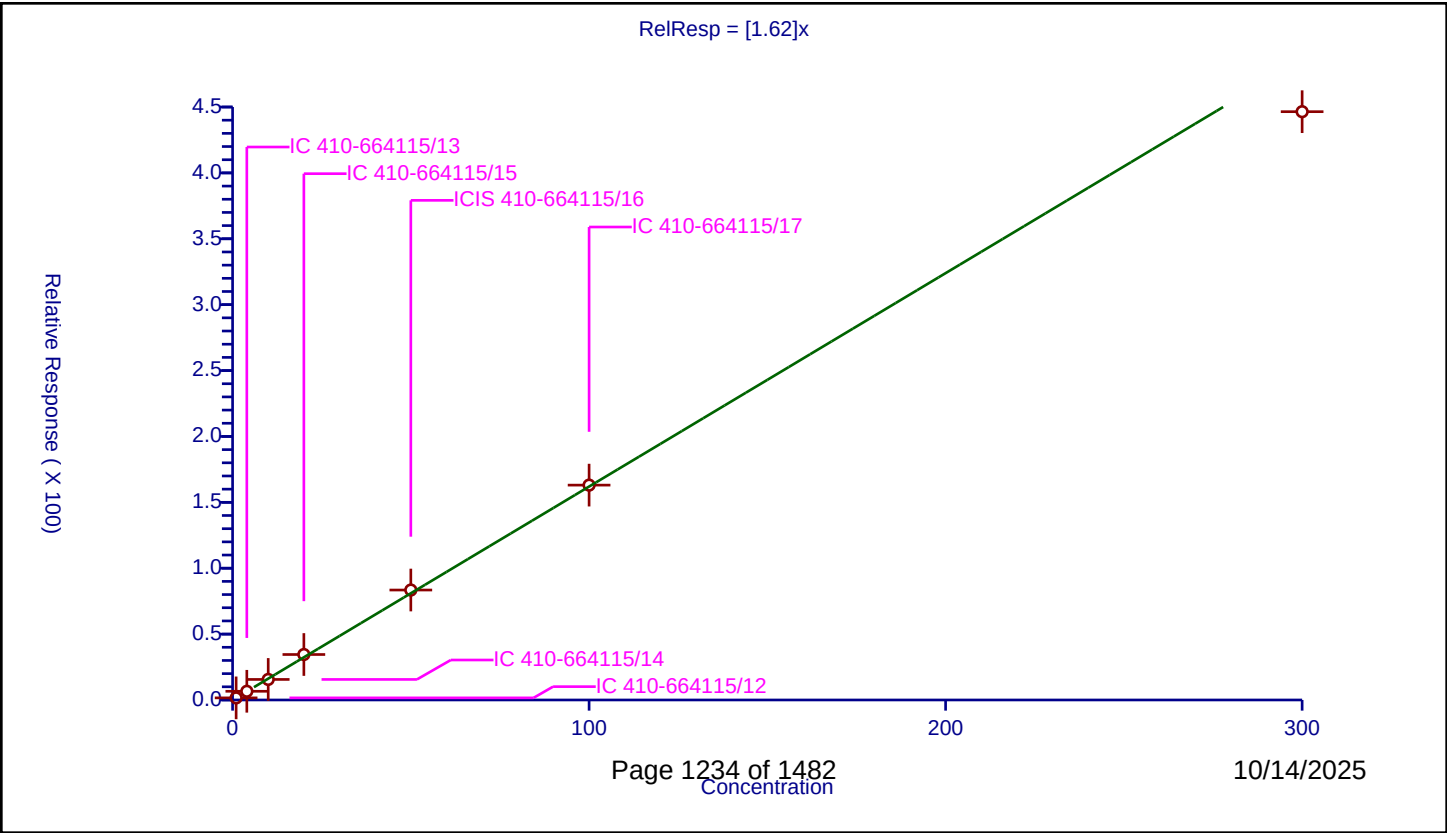
/ 1,2-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.62
Error Coefficients	

Relative Standard Deviation: 4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.612082	50.0	499013.0	1.612082	Y
2	IC 410-664115/13	4.0	6.611444	50.0	518147.0	1.652861	Y
3	IC 410-664115/14	10.0	15.594797	50.0	512780.0	1.55948	Y
4	IC 410-664115/15	20.0	34.504551	50.0	524938.0	1.725228	Y
5	ICIS 410-664115/16	50.0	83.440232	50.0	528069.0	1.668805	Y
6	IC 410-664115/17	100.0	163.050554	50.0	539774.0	1.630506	Y
7	IC 410-664115/18	300.0	446.454475	50.0	610361.0	1.488182	Y



Calibration

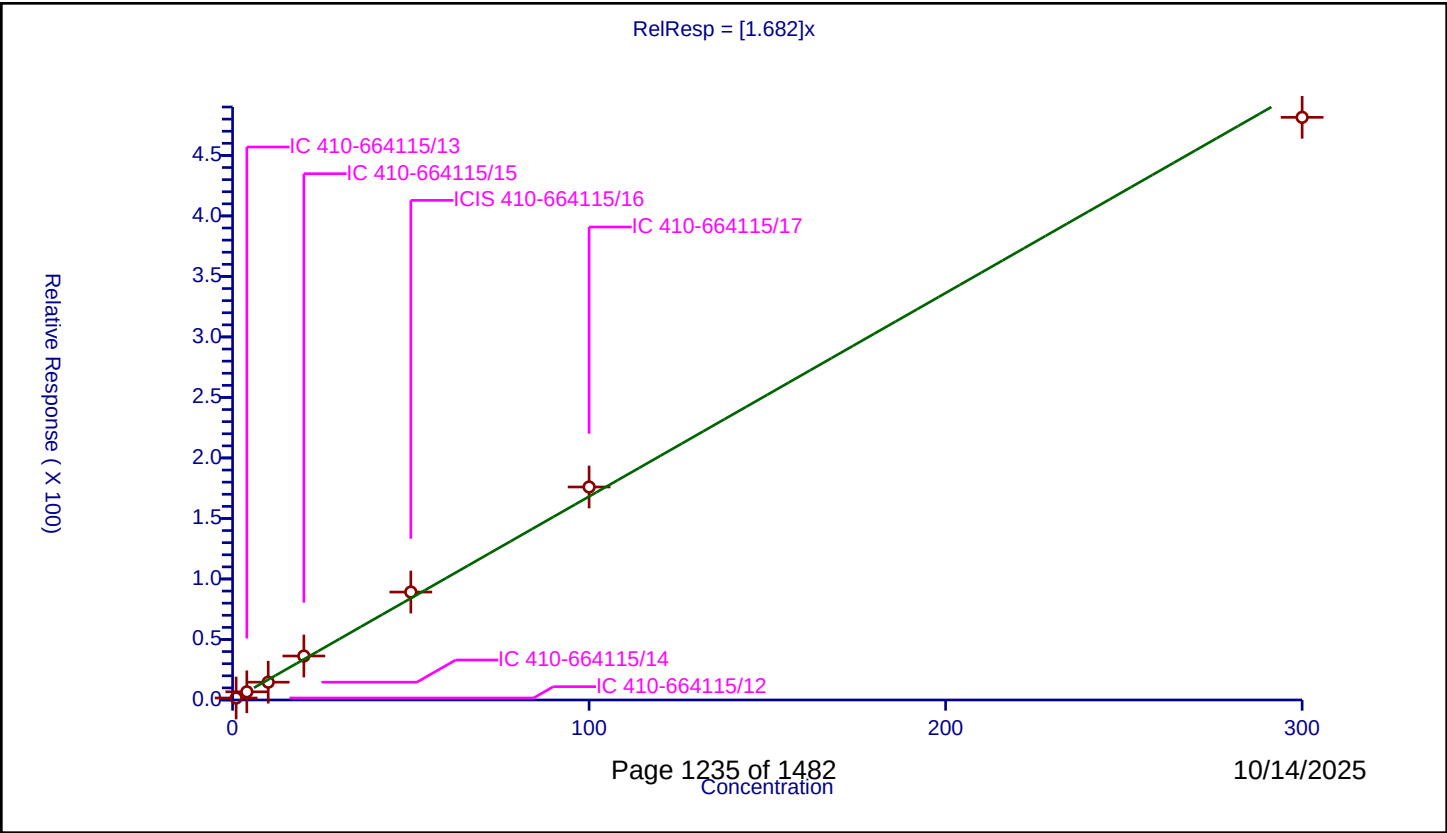
/ o-diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.682
Error Coefficients	

Relative Standard Deviation: 7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.64645	50.0	499013.0	1.64645	Y
2	IC 410-664115/13	4.0	6.757542	50.0	518147.0	1.689385	Y
3	IC 410-664115/14	10.0	14.698116	50.0	512780.0	1.469812	Y
4	IC 410-664115/15	20.0	36.340101	50.0	524938.0	1.817005	Y
5	ICIS 410-664115/16	50.0	89.18219	50.0	528069.0	1.783644	Y
6	IC 410-664115/17	100.0	176.00329	50.0	539774.0	1.760033	Y
7	IC 410-664115/18	300.0	481.464658	50.0	610361.0	1.604882	Y



Calibration

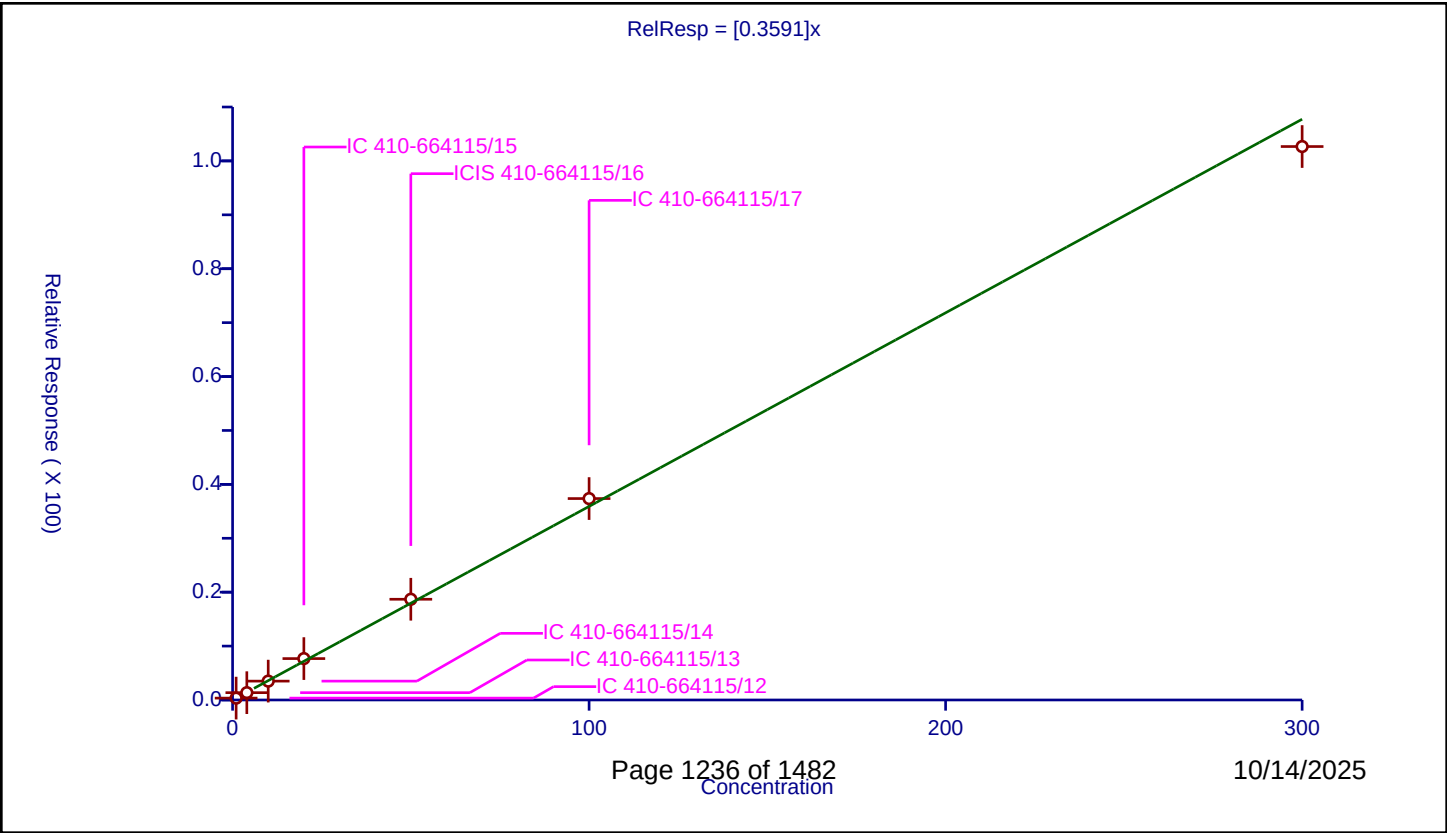
/ 1,2-Dibromo-3-Chloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3591
Error Coefficients	

Relative Standard Deviation: 4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.350592	50.0	499013.0	0.350592	Y
2	IC 410-664115/13	4.0	1.358688	50.0	518147.0	0.339672	Y
3	IC 410-664115/14	10.0	3.500819	50.0	512780.0	0.350082	Y
4	IC 410-664115/15	20.0	7.678145	50.0	524938.0	0.383907	Y
5	ICIS 410-664115/16	50.0	18.685058	50.0	528069.0	0.373701	Y
6	IC 410-664115/17	100.0	37.363322	50.0	539774.0	0.373633	Y
7	IC 410-664115/18	300.0	102.669813	50.0	610361.0	0.342233	Y



Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

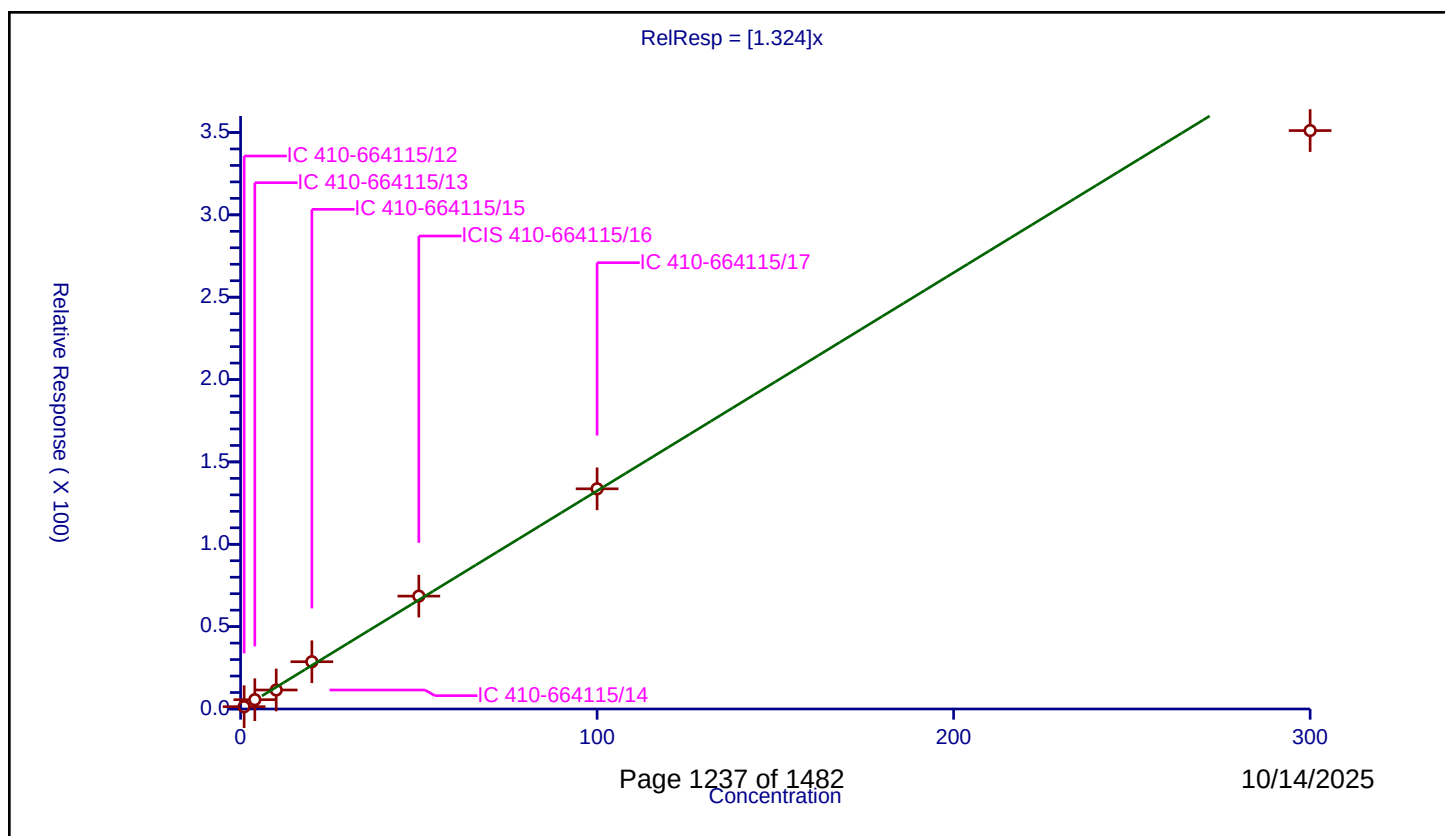
Curve Coefficients

Intercept: 0
Slope: 1.324

Error Coefficients

Relative Standard Deviation: 8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.393751	50.0	499013.0	1.393751	Y
2	IC 410-664115/13	4.0	5.646467	50.0	518147.0	1.411617	Y
3	IC 410-664115/14	10.0	11.533211	50.0	512780.0	1.153321	Y
4	IC 410-664115/15	20.0	28.692627	50.0	524938.0	1.434631	Y
5	ICIS 410-664115/16	50.0	68.515383	50.0	528069.0	1.370308	Y
6	IC 410-664115/17	100.0	133.668535	50.0	539774.0	1.336685	Y
7	IC 410-664115/18	300.0	351.159314	50.0	610361.0	1.170531	Y



Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

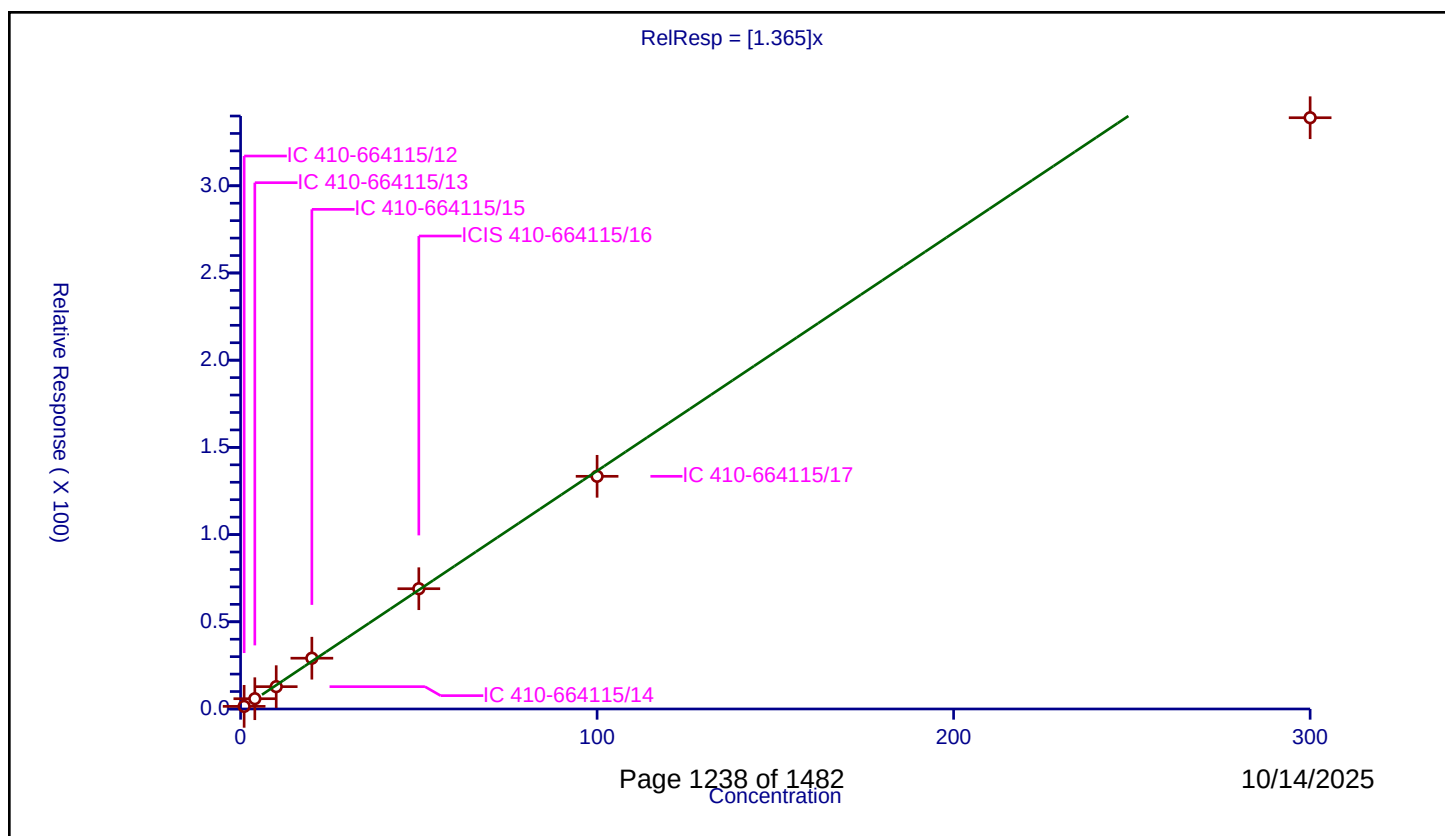
Curve Coefficients

Intercept: 0
Slope: 1.365

Error Coefficients

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.50477	50.0	499013.0	1.50477	Y
2	IC 410-664115/13	4.0	5.89215	50.0	518147.0	1.473038	Y
3	IC 410-664115/14	10.0	12.799251	50.0	512780.0	1.279925	Y
4	IC 410-664115/15	20.0	29.116296	50.0	524938.0	1.455815	Y
5	ICIS 410-664115/16	50.0	68.970248	50.0	528069.0	1.379405	Y
6	IC 410-664115/17	100.0	133.41806	50.0	539774.0	1.334181	Y
7	IC 410-664115/18	300.0	339.020186	50.0	610361.0	1.130067	Y



Calibration

/ 2-Ethylhexyl acrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

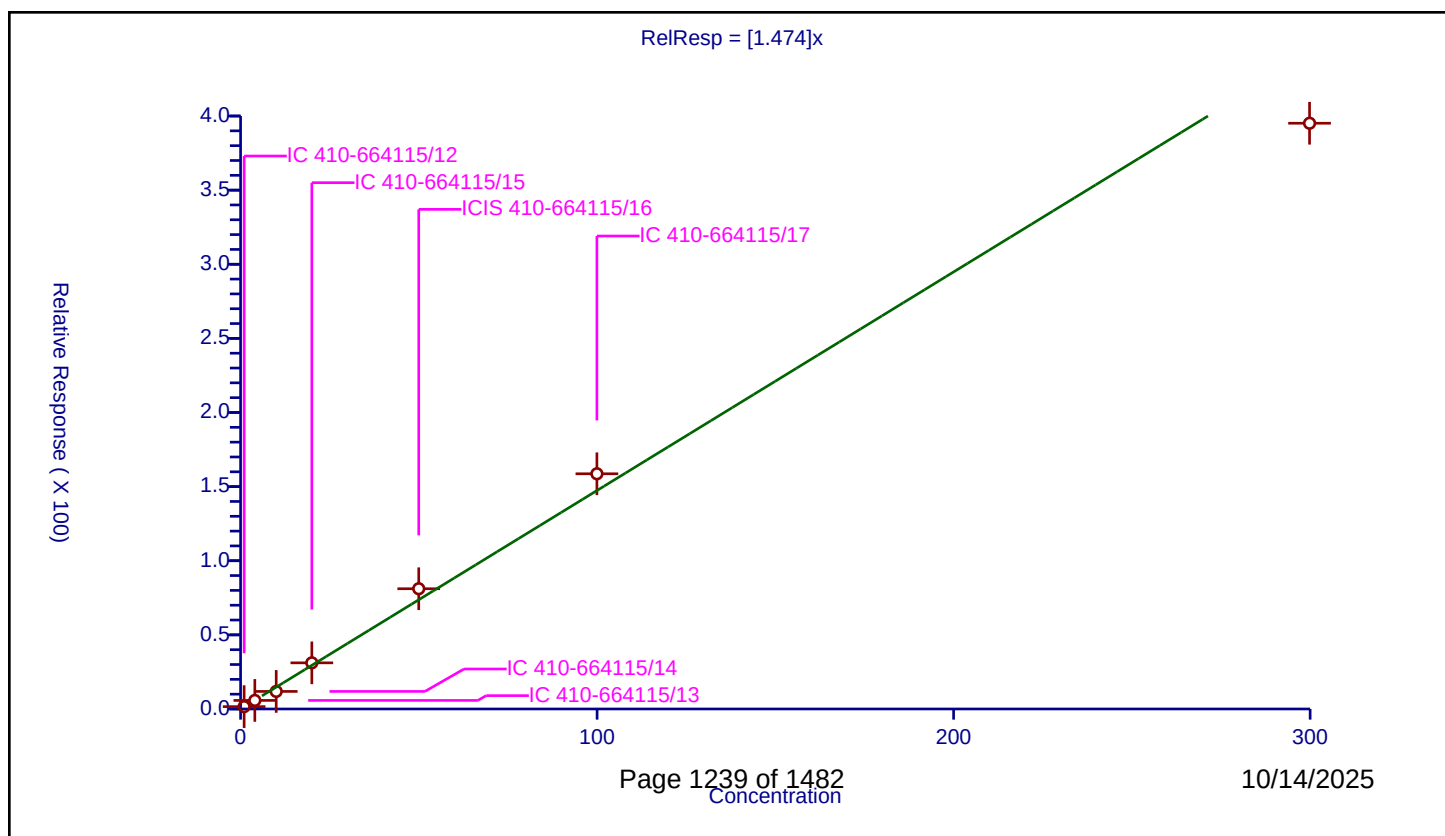
Curve Coefficients

Intercept: 0
Slope: 1.474

Error Coefficients

Relative Standard Deviation: 11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	0.999472	1.598656	50.0	499013.0	1.599501	Y
2	IC 410-664115/13	3.997886	5.790538	50.0	518147.0	1.4484	Y
3	IC 410-664115/14	9.994716	11.843676	50.0	512780.0	1.184994	Y
4	IC 410-664115/15	19.989432	31.128438	50.0	524938.0	1.557245	Y
5	ICIS 410-664115/16	49.97358	81.119323	50.0	528069.0	1.623244	Y
6	IC 410-664115/17	99.94716	158.675668	50.0	539774.0	1.587596	Y
7	IC 410-664115/18	299.84148	395.120674	50.0	610361.0	1.317765	Y



Calibration

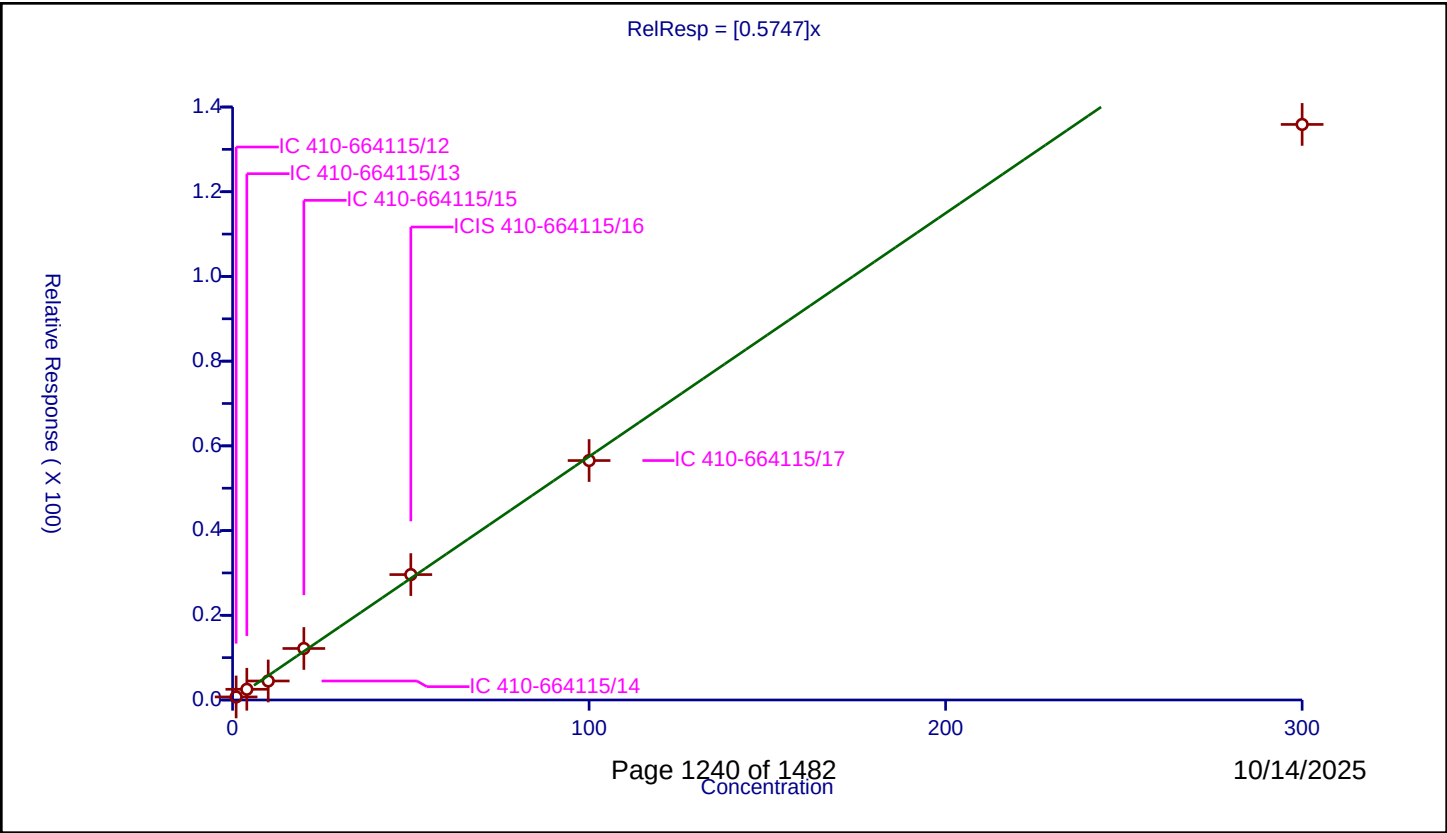
/ Hexachlorobutadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5747
Error Coefficients	

Relative Standard Deviation: 17.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.723228	50.0	499013.0	0.723228	Y
2	IC 410-664115/13	4.0	2.528819	50.0	518147.0	0.632205	Y
3	IC 410-664115/14	10.0	4.486232	50.0	512780.0	0.448623	Y
4	IC 410-664115/15	20.0	12.163627	50.0	524938.0	0.608181	Y
5	ICIS 410-664115/16	50.0	29.606642	50.0	528069.0	0.592133	Y
6	IC 410-664115/17	100.0	56.532178	50.0	539774.0	0.565322	Y
7	IC 410-664115/18	300.0	135.885976	50.0	610361.0	0.452953	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

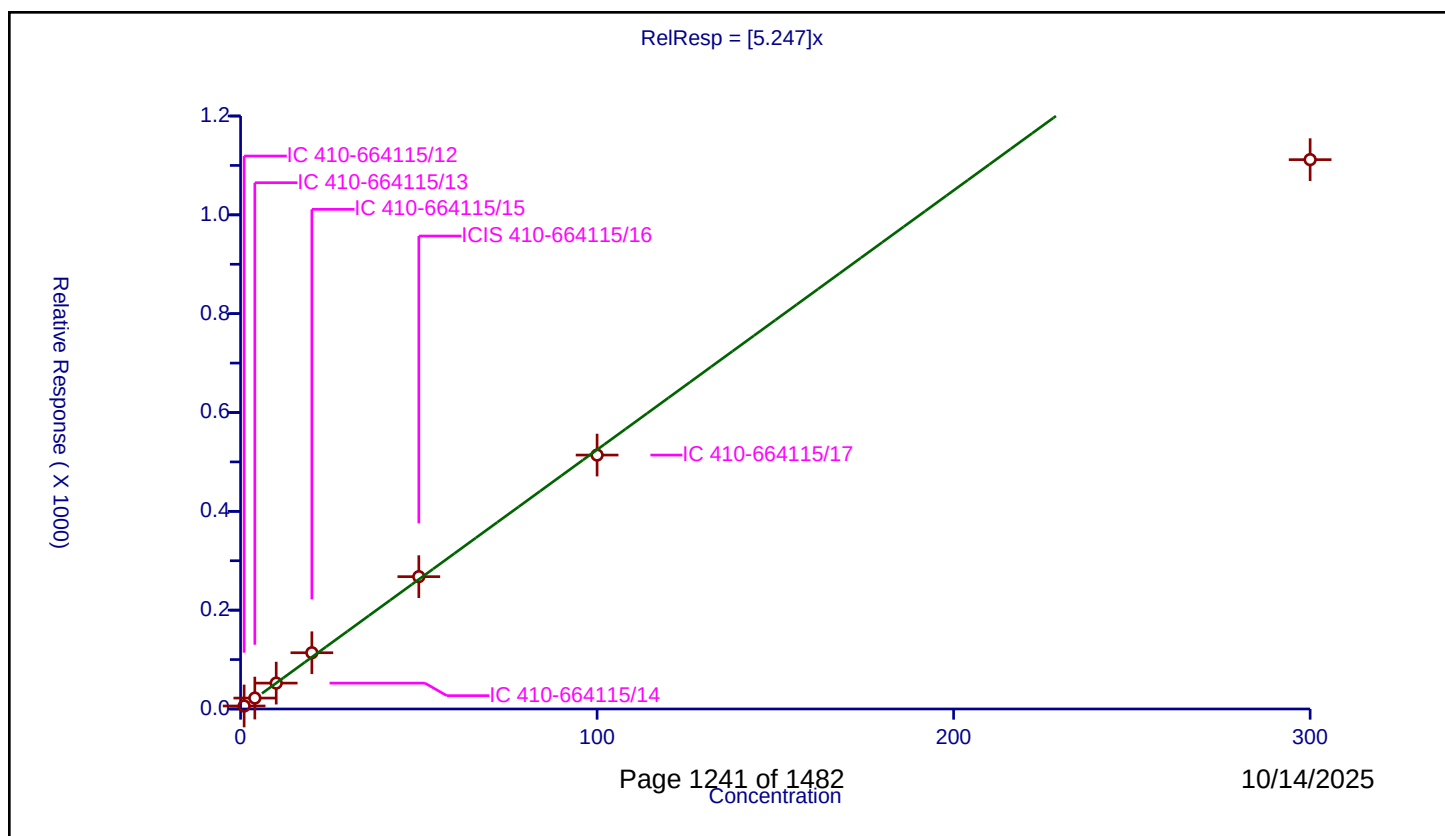
Curve Coefficients

Intercept: 0
Slope: 5.247

Error Coefficients

Relative Standard Deviation: 14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	6.077297	50.0	499013.0	6.077297	Y
2	IC 410-664115/13	4.0	22.088423	50.0	518147.0	5.522106	Y
3	IC 410-664115/14	10.0	52.367487	50.0	512780.0	5.236749	Y
4	IC 410-664115/15	20.0	113.836682	50.0	524938.0	5.691834	Y
5	ICIS 410-664115/16	50.0	267.784892	50.0	528069.0	5.355698	Y
6	IC 410-664115/17	100.0	513.906654	50.0	539774.0	5.139067	Y
7	IC 410-664115/18	300.0	1111.733056	50.0	610361.0	3.705777	Y



Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

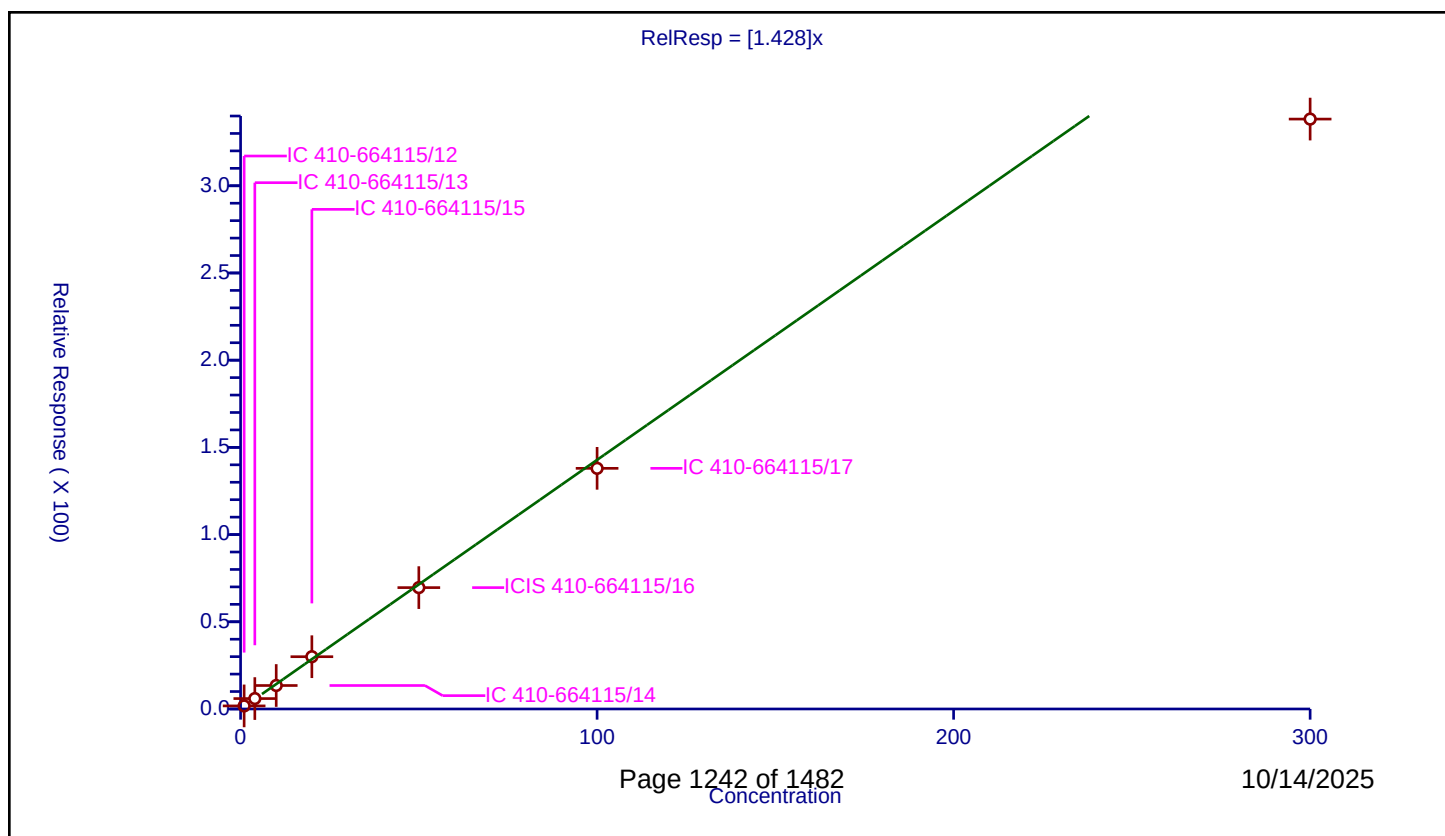
Curve Coefficients

Intercept: 0
Slope: 1.428

Error Coefficients

Relative Standard Deviation: 13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.760575	50.0	499013.0	1.760575	Y
2	IC 410-664115/13	4.0	5.970989	50.0	518147.0	1.492747	Y
3	IC 410-664115/14	10.0	13.465521	50.0	512780.0	1.346552	Y
4	IC 410-664115/15	20.0	29.97735	50.0	524938.0	1.498867	Y
5	ICIS 410-664115/16	50.0	69.598575	50.0	528069.0	1.391972	Y
6	IC 410-664115/17	100.0	137.986176	50.0	539774.0	1.379862	Y
7	IC 410-664115/18	300.0	338.241303	50.0	610361.0	1.127471	Y



Calibration

/ 2-Methylnaphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

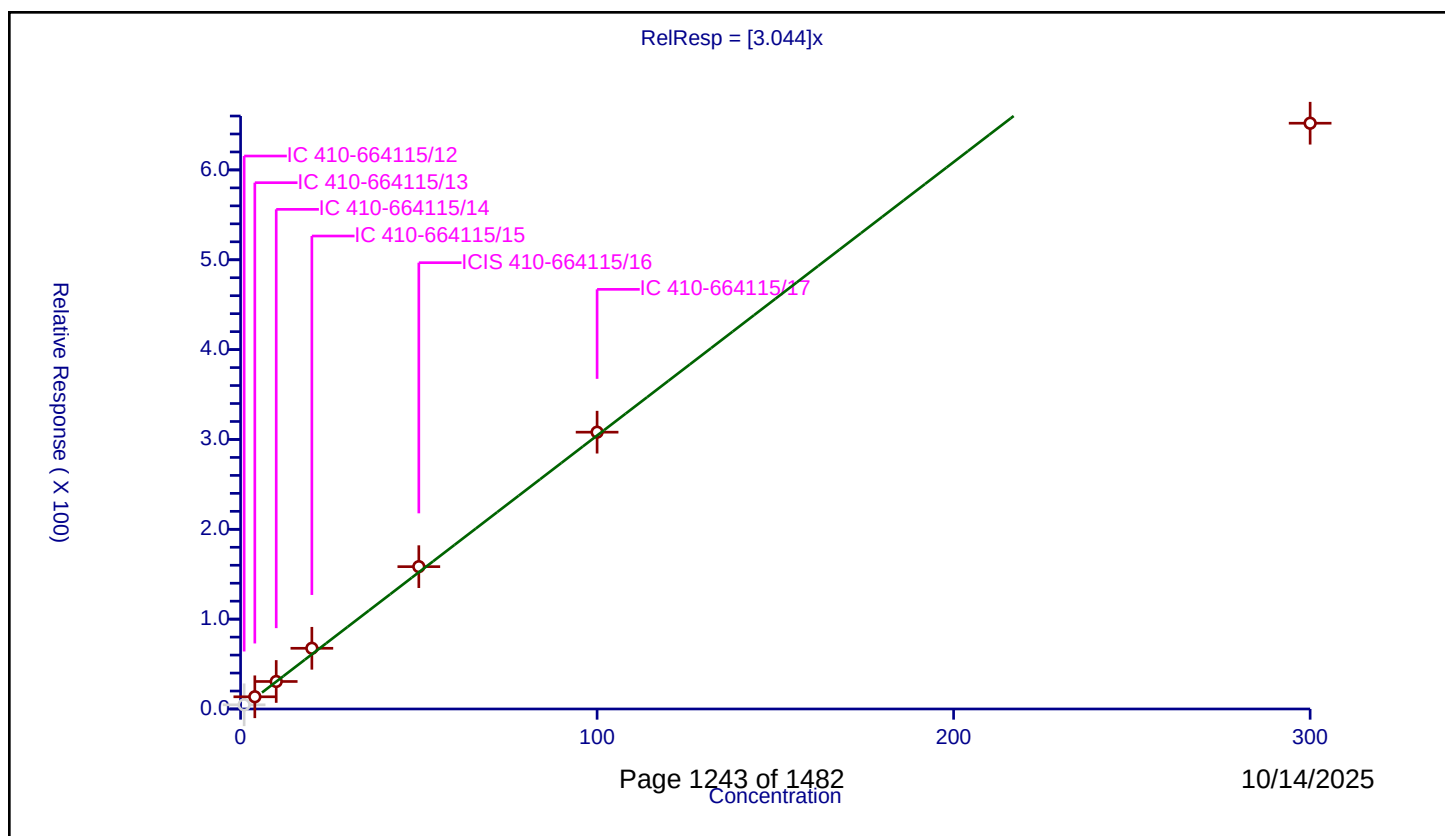
Curve Coefficients

Intercept: 0
Slope: 3.044

Error Coefficients

Relative Standard Deviation: 14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	4.657794	50.0	499013.0	4.657794	N
2	IC 410-664115/13	4.0	13.590641	50.0	518147.0	3.39766	Y
3	IC 410-664115/14	10.0	30.626682	50.0	512780.0	3.062668	Y
4	IC 410-664115/15	20.0	67.569408	50.0	524938.0	3.37847	Y
5	ICIS 410-664115/16	50.0	158.426077	50.0	528069.0	3.168522	Y
6	IC 410-664115/17	100.0	308.08996	50.0	539774.0	3.0809	Y
7	IC 410-664115/18	300.0	651.976863	50.0	610361.0	2.173256	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab Sample ID: ICV 410-710355/20

Calibration Date: 10/07/2025 20:07

Instrument ID: 15830

Calib Start Date: 10/07/2025 18:13

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 10/07/2025 23:52

Lab File ID: FC07X60.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5583	0.5296	0.1000	19.0	20.0	-5.0	30.0
Chloromethane	Ave	0.6958	0.6069	0.1000	17.4	20.0	-13.0	30.0
Vinyl chloride	Ave	0.6125	0.5753	0.1000	18.8	20.0	-6.0	30.0
1,3-Butadiene	Ave	0.7200	0.8752		24.3	20.0	22.0	30.0
Bromomethane	Ave	0.3527	0.3299	0.1000	18.7	20.0	-6.0	30.0
Chloroethane	Ave	0.3300	0.3007	0.1000	18.2	20.0	-9.0	30.0
Dichlorofluoromethane	Ave	0.8129	0.8468		20.8	20.0	4.0	30.0
Trichlorofluoromethane	Ave	0.6180	0.5391	0.1000	17.4	20.0	-13.0	30.0
n-Pentane	Lin		0.8034		27.8	20.0	39.0*	30.0
Ethyl ether	Ave	0.2884	0.3486		24.0	19.9	21.0	30.0
Freon 123a	Ave	0.4433	0.5150		23.2	20.0	16.0	30.0
Acrolein	Ave	1.019	1.077		155	146	6.0	30.0
1,1-Dichloroethene	Ave	0.3303	0.3529	0.1000	21.4	20.0	7.0	30.0
Freon 113	Ave	0.3309	0.3417	0.1000	20.7	20.0	3.0	30.0
Acetone	Ave	0.5677	0.5727	0.1000	252	250	1.0	30.0
Methyl iodide	Ave	0.5416	0.4979		18.4	20.0	-8.0	30.0
2-Propanol	Ave	0.5465	0.4872		134	150	-11.0	30.0
Carbon disulfide	Ave	0.9690	0.9380	0.1000	19.4	20.0	-3.0	30.0
Methyl acetate	Linl		0.4470	0.1000	20.5	20.0	3.0	30.0
Allyl chloride	Ave	0.4587	0.4858		21.2	20.0	6.0	30.0
Methylene Chloride	Ave	0.3330	0.3346	0.1000	20.1	20.0	0.0	30.0
t-Butyl alcohol	Ave	0.8569	0.8469		198	200	-1.0	30.0
Acrylonitrile	Ave	0.2528	0.2477		98.0	100	-2.0	30.0
trans-1,2-Dichloroethene	Ave	0.2969	0.3141	0.1000	21.2	20.0	6.0	30.0
Methyl tert-butyl ether	Ave	0.7473	0.7647	0.1000	20.5	20.0	2.0	30.0
n-Hexane	Ave	0.2946	0.3214		21.8	20.0	9.0	30.0
1,1-Dichloroethane	Ave	0.5325	0.5610	0.2000	21.1	20.0	5.0	30.0
Isopropyl ether	Ave	0.8120	0.8377		20.6	20.0	3.0	30.0
2-Chloro-1,3-butadiene	Ave	0.4168	0.4411		21.2	20.0	6.0	30.0
Ethyl t-butyl ether	Ave	0.6816	0.7164		21.0	20.0	5.0	30.0
2-Butanone (MEK)	Ave	0.3166	0.3032	0.1000	239	250	-4.0	30.0
cis-1,2-Dichloroethene	Ave	0.3279	0.3369	0.1000	20.6	20.0	3.0	30.0
2,2-Dichloropropane	Ave	0.4085	0.4063		19.9	20.0	-1.0	30.0
Propionitrile	Ave	0.7122	0.7241		153	150	2.0	30.0
Methacrylonitrile	Ave	0.1792	0.1898		159	150	6.0	30.0
Bromochloromethane	Ave	0.1554	0.1600		20.6	20.0	3.0	30.0
Tetrahydrofuran	Ave	0.5452	0.5604		103	100	3.0	30.0
Chloroform	Ave	0.4813	0.5075	0.2000	21.1	20.0	5.0	30.0
1,1,1-Trichloroethane	Ave	0.4112	0.4243	0.1000	20.6	20.0	3.0	30.0
Cyclohexane	Ave	0.4687	0.4968	0.1000	21.2	20.0	6.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab Sample ID: ICV 410-710355/20

Calibration Date: 10/07/2025 20:07

Instrument ID: 15830

Calib Start Date: 10/07/2025 18:13

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 10/07/2025 23:52

Lab File ID: FC07X60.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Dichloropropene	Ave	0.3528	0.3720		21.1	20.0	5.0	30.0
Carbon tetrachloride	Ave	0.3458	0.3622	0.1000	20.9	20.0	5.0	30.0
Isobutyl alcohol	Ave	0.2623	0.2515		480	500	-4.0	30.0
Benzene	Ave	1.102	1.125	0.5000	20.4	20.0	2.0	30.0
1,2-Dichloroethane	Ave	0.3422	0.3554	0.1000	20.8	20.0	4.0	30.0
t-Amyl methyl ether	Ave	0.6625	0.7308		22.1	20.0	10.0	30.0
n-Heptane	Ave	0.2488	0.2502		20.1	20.0	1.0	30.0
n-Butanol	Ave	0.1746	0.1782		1020	1000	2.0	30.0
Trichloroethene	Ave	0.2497	0.2663	0.2000	21.3	20.0	7.0	30.0
Methylcyclohexane	Ave	0.3786	0.4261	0.1000	22.5	20.0	13.0	30.0
1,2-Dichloropropane	Ave	0.2644	0.2731	0.1000	20.7	20.0	3.0	30.0
t-Amyl ethyl ether	Ave	0.3320	0.3848		23.2	20.0	16.0	30.0
Methyl methacrylate	Ave	0.2036	0.2123		20.9	20.0	4.0	30.0
1,4-Dioxane	Ave	0.0555	0.0540	0.0050	486	500	-3.0	30.0
Dibromomethane	Ave	0.1623	0.1621		20.0	20.0	0.0	30.0
Bromodichloromethane	Ave	0.2925	0.2977	0.2000	20.4	20.0	2.0	30.0
2-Nitropropane	Ave	0.7152	0.6678		18.7	20.0	-7.0	30.0
2-Chloroethyl vinyl ether	Ave	0.1437	0.1300		18.1	20.0	-10.0	30.0
cis-1,3-Dichloropropene	Ave	0.3170	0.3104	0.2000	19.6	20.0	-2.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4986	0.5279	0.1000	265	250	6.0	30.0
Toluene	Ave	0.9123	0.9419	0.4000	20.6	20.0	3.0	30.0
trans-1,3-Dichloropropene	Ave	0.4072	0.4086	0.1000	20.1	20.0	0.0	30.0
Ethyl methacrylate	Ave	0.4665	0.5097		21.8	20.0	9.0	30.0
1,1,2-Trichloroethane	Ave	0.3043	0.3106	0.1000	20.4	20.0	2.0	30.0
Tetrachloroethene	Ave	0.3607	0.3793	0.2000	21.0	20.0	5.0	30.0
1,3-Dichloropropane	Ave	0.4969	0.5041		20.3	20.0	1.0	30.0
2-Hexanone	Ave	0.5292	0.5777	0.1000	273	250	9.0	30.0
Dibromochloromethane	Ave	0.3178	0.2964		18.7	20.0	-7.0	30.0
1,2-Dibromoethane (EDB)	Ave	0.2920	0.2930	0.1000	20.1	20.0	0.0	30.0
1-Chlorohexane	Ave	0.3957	0.4279		21.6	20.0	8.0	30.0
Chlorobenzene	Ave	0.9521	1.012	0.5000	21.3	20.0	6.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3628	0.3627		20.0	20.0	0.0	30.0
Ethylbenzene	Ave	1.635	1.792	0.1000	21.9	20.0	10.0	30.0
m&p-Xylene	Ave	0.6414	0.7041	0.1000	43.9	40.0	10.0	30.0
o-Xylene	Ave	0.6613	0.7024	0.3000	21.2	20.0	6.0	30.0
Styrene	Ave	0.9729	1.045	0.3000	21.5	20.0	7.0	30.0
Bromoform	Ave	0.2230	0.2155	0.1000	19.3	20.0	-3.0	30.0
Isopropylbenzene	Ave	1.544	1.738	0.1000	22.5	20.0	13.0	30.0
Cyclohexanone	Ave	0.2238	0.2051		458	500	-8.0	30.0
1,1,2,2-Tetrachloroethane	Ave	1.082	1.051	0.3000	19.4	20.0	-3.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab Sample ID: ICV 410-710355/20

Calibration Date: 10/07/2025 20:07

Instrument ID: 15830

Calib Start Date: 10/07/2025 18:13

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 10/07/2025 23:52

Lab File ID: FC07X60.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromobenzene	Ave	0.6670	0.6940		20.8	20.0	4.0	30.0
trans-1,4-Dichloro-2-butene	Lin1		0.2175		87.8	100	-12.0	30.0
1,2,3-Trichloropropane	Ave	0.3568	0.3381		18.9	20.0	-5.0	30.0
N-Propylbenzene	Ave	3.148	3.755		23.9	20.0	19.0	30.0
2-Chlorotoluene	Ave	0.6786	0.7246		21.4	20.0	7.0	30.0
1,3,5-Trimethylbenzene	Ave	2.265	2.506		22.1	20.0	11.0	30.0
4-Chlorotoluene	Ave	0.6308	0.6930		22.0	20.0	10.0	30.0
tert-Butylbenzene	Lin1		0.4108		18.3	20.0	-8.0	30.0
1,2,4-Trimethylbenzene	Ave	2.288	2.424		21.2	20.0	6.0	30.0
sec-Butylbenzene	Ave	2.555	2.756		21.6	20.0	8.0	30.0
1,3-Dichlorobenzene	Ave	1.199	1.273	0.6000	21.2	20.0	6.0	30.0
p-Isopropyltoluene	Ave	2.205	2.383		21.6	20.0	8.0	30.0
1,4-Dichlorobenzene	Ave	1.234	1.286	0.5000	20.8	20.0	4.0	30.0
1,2,3-Trimethylbenzene	Ave	2.316	2.581		22.3	20.0	11.0	30.0
Benzyl chloride	Ave	1.689	1.662		19.7	20.0	-2.0	30.0
1,3-Diethylbenzene	Ave	1.285	1.428		22.2	20.0	11.0	30.0
1,4-Diethylbenzene	Ave	1.367	1.487		21.8	20.0	9.0	30.0
n-Butylbenzene	Ave	1.082	1.247		23.0	20.0	15.0	30.0
1,2-Dichlorobenzene	Ave	1.286	1.342	0.4000	20.9	20.0	4.0	30.0
1,2-Diethylbenzene	Ave	1.140	1.202		21.1	20.0	5.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.3502	0.3290	0.0500	18.8	20.0	-6.0	30.0
1,3,5-Trichlorobenzene	Ave	0.7629	0.9024		23.7	20.0	18.0	30.0
1,2,4-Trichlorobenzene	Ave	0.7323	0.8905	0.2000	24.3	20.0	22.0	30.0
Hexachlorobutadiene	Ave	0.2979	0.4111		27.6	20.0	38.0*	30.0
Naphthalene	Ave	3.144	3.738		23.8	20.0	19.0	30.0
1,2,3-Trichlorobenzene	Ave	0.7924	1.016		25.6	20.0	28.0	30.0
2-Methylnaphthalene	Lin1		2.827		31.9	20.0	59.0*	30.0
2-Ethylhexyl acrylate	None					20.1		30.0
Ethyl acrylate	None					20.0		30.0
Methyl acrylate	None					20.0		30.0
n-Butyl acrylate	None					20.0		30.0
Dibromofluoromethane (Surr)	Ave	0.2695	0.2716		50.4	50.0	1.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0703	0.0698		49.6	50.0	-1.0	30.0
Toluene-d8 (Surr)	Ave	1.416	1.401		49.4	50.0	-1.0	30.0
4-Bromofluorobenzene (Surr)	Ave	0.5112	0.4829		47.2	50.0	-6.0	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X60.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 07-Oct-2025 20:07:01 ALS Bottle#: 10 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 410-0162303-020
 Operator ID: mcd07824 Instrument ID: 15830
 Sublist:
 Method: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 14:02:37 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1669

First Level Reviewer: Y6ZN

Date: 07-Oct-2025 20:31:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.946	1.936	0.010	99	553601	20.0	19.0	
4 Chloromethane	50	2.142	2.133	0.009	99	634380	20.0	17.4	
5 Vinyl chloride	62	2.251	2.245	0.006	98	601384	20.0	18.8	
6 Butadiene	39	2.271	2.264	0.007	94	914800	20.0	24.3	
8 Bromomethane	94	2.592	2.589	0.003	91	344838	20.0	18.7	
9 Chloroethane	64	2.679	2.682	-0.003	100	314300	20.0	18.2	
10 Dichlorofluoromethane	67	2.943	2.930	0.013	97	885135	20.0	20.8	
11 Trichlorofluoromethane	101	2.985	2.981	0.004	95	563509	20.0	17.4	
12 Pentane	43	3.023	3.014	0.009	99	839826	20.0	27.8	
14 Ethyl ether	59	3.248	3.242	0.006	94	361732	19.9	24.0	M
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.348	3.338	0.010	94	538357	20.0	23.2	
16 Acrolein	56	3.428	3.419	0.009	99	1304401	146.3	154.6	
17 1,1-Dichloroethene	96	3.563	3.570	-0.007	98	368919	20.0	21.4	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.586	3.586	0.000	92	357170	20.0	20.7	
19 Acetone	58	3.608	3.596	0.012	100	1185325	250.0	252.2	
21 Iodomethane	142	3.766	3.760	0.006	97	520482	20.0	18.4	
22 Isopropyl alcohol	45	3.827	3.798	0.029	98	605029	150.0	133.7	
23 Carbon disulfide	76	3.882	3.875	0.007	99	980501	20.0	19.4	
24 Methyl acetate	43	4.036	4.030	0.006	84	467230	20.0	20.5	
25 3-Chloro-1-propene	41	4.046	4.030	0.016	91	507793	20.0	21.2	
26 Methylene Chloride	84	4.258	4.242	0.016	95	349791	20.0	20.1	
* 27 t-Butyl alcohol-d10 (IS)	65	4.322	4.277	0.045	98	2069813	250.0	250.0	
28 2-Methyl-2-propanol	59	4.428	4.409	0.019	98	1402300	200.0	197.7	M
31 Acrylonitrile	53	4.608	4.592	0.016	99	1294580	100.0	98.0	
33 Methyl tert-butyl ether	73	4.657	4.637	0.020	90	799275	20.0	20.5	
32 trans-1,2-Dichloroethene	96	4.647	4.640	0.007	97	328302	20.0	21.2	
34 Hexane	57	5.084	5.081	0.003	96	335956	20.0	21.8	
35 1,1-Dichloroethane	63	5.332	5.316	0.016	96	586373	20.0	21.1	
36 Isopropyl ether	45	5.393	5.390	0.003	92	875660	20.0	20.6	
37 2-Chloro-1,3-butadiene	53	5.431	5.428	0.003	92	461116	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	5.930	5.936	-0.006	97	748821	20.0	21.0	
41 2-Butanone (MEK)	43	6.158	6.142	0.016	100	3961301	250.0	239.4	
42 cis-1,2-Dichloroethene	96	6.171	6.161	0.010	74	352189	20.0	20.6	
43 2,2-Dichloropropane	77	6.187	6.190	-0.003	87	424672	20.0	19.9	
44 Propionitrile	54	6.264	6.251	0.013	95	899199	150.0	152.5	
45 Methacrylonitrile	67	6.467	6.451	0.016	92	1487784	150.0	158.9	
46 Chlorobromomethane	128	6.502	6.496	0.006	97	167208	20.0	20.6	
47 Tetrahydrofuran	71	6.521	6.515	0.006	82	463969	100.0	102.8	
48 Chloroform	83	6.650	6.647	0.003	93	530499	20.0	21.1	
\$ 49 Dibromofluoromethane (Surr)	113	6.865	6.862	0.003	93	709779	50.0	50.4	
50 1,1,1-Trichloroethane	97	6.878	6.878	0.000	93	443555	20.0	20.6	
51 Cyclohexane	56	6.965	6.968	-0.003	91	519295	20.0	21.2	
52 1,1-Dichloropropene	75	7.084	7.084	0.000	95	388794	20.0	21.1	
53 Carbon tetrachloride	117	7.087	7.087	0.000	83	378643	20.0	20.9	
56 Isobutyl alcohol	41	7.287	7.277	0.010	96	1041255	500.0	479.5	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.325	7.325	0.000	99	182526	50.0	49.6	
58 Benzene	78	7.357	7.351	0.006	97	1176260	20.0	20.4	
59 1,2-Dichloroethane	62	7.431	7.428	0.003	98	371459	20.0	20.8	
60 Tert-amyl methyl ether	73	7.557	7.554	0.003	98	763911	20.0	22.1	
* 61 Fluorobenzene (IS)	96	7.759	7.759	0.000	98	2613195	50.0	50.0	
62 n-Heptane	43	7.775	7.766	0.009	87	261564	20.0	20.1	
63 n-Butanol	56	8.152	8.148	0.004	92	1475467	1000.0	1020.8	
64 Trichloroethene	95	8.242	8.242	0.000	99	278329	20.0	21.3	
65 Methylcyclohexane	83	8.547	8.544	0.003	92	445425	20.0	22.5	
66 1,2-Dichloropropane	63	8.579	8.582	-0.003	96	285461	20.0	20.7	
67 2-ethoxy-2-methyl butane	87	8.595	8.586	0.009	95	402177	20.0	23.2	
68 Methyl methacrylate	69	8.669	8.672	-0.003	91	221951	20.0	20.9	
70 1,4-Dioxane	88	8.682	8.679	0.003	59	223630	500.0	486.3	
69 Dibromomethane	93	8.689	8.685	0.004	94	169472	20.0	20.0	
72 Dichlorobromomethane	83	8.926	8.920	0.006	99	311184	20.0	20.4	
73 2-Nitropropane	41	9.213	9.213	0.000	98	110582	20.0	18.7	
74 2-Chloroethyl vinyl ether	63	9.299	9.293	0.006	91	135921	20.0	18.1	
76 cis-1,3-Dichloropropene	75	9.476	9.470	0.006	95	324455	20.0	19.6	
78 4-Methyl-2-pentanone (MIBK)	43	9.660	9.656	0.004	97	6897230	250.0	264.7	
\$ 79 Toluene-d8 (Surr)	98	9.782	9.782	0.000	94	2499984	50.0	49.4	
80 Toluene	92	9.859	9.859	0.000	99	672499	20.0	20.6	
105 trans-1,3-Dichloropropene	75	10.116	10.116	0.000	94	291748	20.0	20.1	
106 Ethyl methacrylate	69	10.180	10.180	0.000	90	363869	20.0	21.8	
107 1,1,2-Trichloroethane	97	10.319	10.322	-0.003	90	221727	20.0	20.4	
108 Tetrachloroethene	166	10.399	10.399	0.000	96	270819	20.0	21.0	
109 1,3-Dichloropropane	76	10.486	10.483	0.003	92	359907	20.0	20.3	
110 2-Hexanone	43	10.544	10.541	0.003	97	5155216	250.0	272.9	
111 Chlorodibromomethane	129	10.695	10.695	0.000	91	211644	20.0	18.7	
112 Ethylene Dibromide	107	10.804	10.801	0.003	98	209176	20.0	20.1	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.235	0.003	87	1784864	50.0	50.0	
114 1-Chlorohexane	91	11.248	11.248	0.000	96	305529	20.0	21.6	
115 Chlorobenzene	112	11.264	11.264	0.000	95	722643	20.0	21.3	
117 1,1,1,2-Tetrachloroethane	131	11.348	11.348	0.000	93	258923	20.0	20.0	
118 Ethylbenzene	91	11.354	11.351	0.003	98	1279585	20.0	21.9	
119 m-Xylene & p-Xylene	106	11.463	11.467	-0.004	99	1005391	40.0	43.9	
120 o-Xylene	106	11.798	11.798	0.000	97	501481	20.0	21.2	
121 Styrene	104	11.811	11.811	0.000	95	746162	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
122 Bromoform	173	11.965	11.965	0.000	97	153836	20.0	19.3	
123 Isopropylbenzene	105	12.100	12.100	0.000	96	1240545	20.0	22.5	
125 Cyclohexanone	55	12.184	12.184	0.000	93	848705	499.9	458.0	
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	90	861925	50.0	47.2	
127 1,1,2,2-Tetrachloroethane	83	12.344	12.348	-0.004	94	418592	20.0	19.4	
128 Bromobenzene	156	12.357	12.357	0.000	94	276314	20.0	20.8	
129 trans-1,4-Dichloro-2-butene	53	12.373	12.373	0.000	94	433071	100.0	87.8	
130 1,2,3-Trichloropropane	110	12.393	12.393	0.000	83	134623	20.0	18.9	
131 N-Propylbenzene	91	12.428	12.428	0.000	99	1495210	20.0	23.9	
132 2-Chlorotoluene	126	12.505	12.505	0.000	96	288517	20.0	21.4	
133 1,3,5-Trimethylbenzene	105	12.566	12.563	0.003	94	997913	20.0	22.1	
134 4-Chlorotoluene	126	12.598	12.598	0.000	97	275938	20.0	22.0	
135 tert-Butylbenzene	134	12.811	12.811	0.000	93	163586	20.0	18.3	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	97	965072	20.0	21.2	
137 sec-Butylbenzene	105	12.975	12.975	0.000	94	1097379	20.0	21.6	
138 1,3-Dichlorobenzene	146	13.071	13.071	0.000	98	507051	20.0	21.2	
139 4-Isopropyltoluene	119	13.081	13.084	-0.003	97	948669	20.0	21.6	
* 140 1,4-Dichlorobenzene-d4	152	13.126	13.129	-0.003	94	995436	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.145	13.145	0.000	96	511941	20.0	20.8	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	98	1027879	20.0	22.3	
143 Benzyl chloride	91	13.225	13.225	0.000	99	661669	20.0	19.7	
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	96	568728	20.0	22.2	
145 p-Diethylbenzene	119	13.354	13.357	-0.003	95	591994	20.0	21.8	
146 n-Butylbenzene	92	13.376	13.376	0.000	98	496623	20.0	23.0	
147 1,2-Dichlorobenzene	146	13.409	13.409	0.000	98	534164	20.0	20.9	
148 o-diethylbenzene	119	13.431	13.431	0.000	96	478570	20.0	21.1	
149 1,2-Dibromo-3-Chloropropane	75	13.952	13.955	-0.003	83	130993	20.0	18.8	
150 1,3,5-Trichlorobenzene	180	14.077	14.077	0.000	98	359329	20.0	23.7	
151 1,2,4-Trichlorobenzene	180	14.505	14.505	0.000	94	354574	20.0	24.3	
152 Hexachlorobutadiene	225	14.589	14.592	-0.003	95	163682	20.0	27.6	
153 Naphthalene	128	14.688	14.692	-0.004	97	1488543	20.0	23.8	
154 1,2,3-Trichlorobenzene	180	14.833	14.836	-0.003	95	404461	20.0	25.6	
155 2-Methylnaphthalene	142	15.482	15.483	0.000	92	1125761	20.0	31.9	
183 Ethyl acrylate	55		0.000				ND	ND	
198 2-Ethylhexyl acrylate	55		0.000				ND	ND	
200 Methyl acrylate	55		0.000				ND	ND	
206 n-Butyl acrylate	55		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00243	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00251	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00248	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00271	Amount Added: 50.00	Units: uL	
MSV_LCS_OH_Sp_00032	Amount Added: 50.00	Units: uL	
MSV_LCS_EE_00012	Amount Added: 50.00	Units: uL	
MSV_LCS_CYC_00012	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 08-Oct-2025 14:06:21

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X60.D

Injection Date: 07-Oct-2025 20:07:01

Instrument ID: 15830

Operator ID: mcd07824

Lims ID: ICV

Worklist Smp#: 20

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

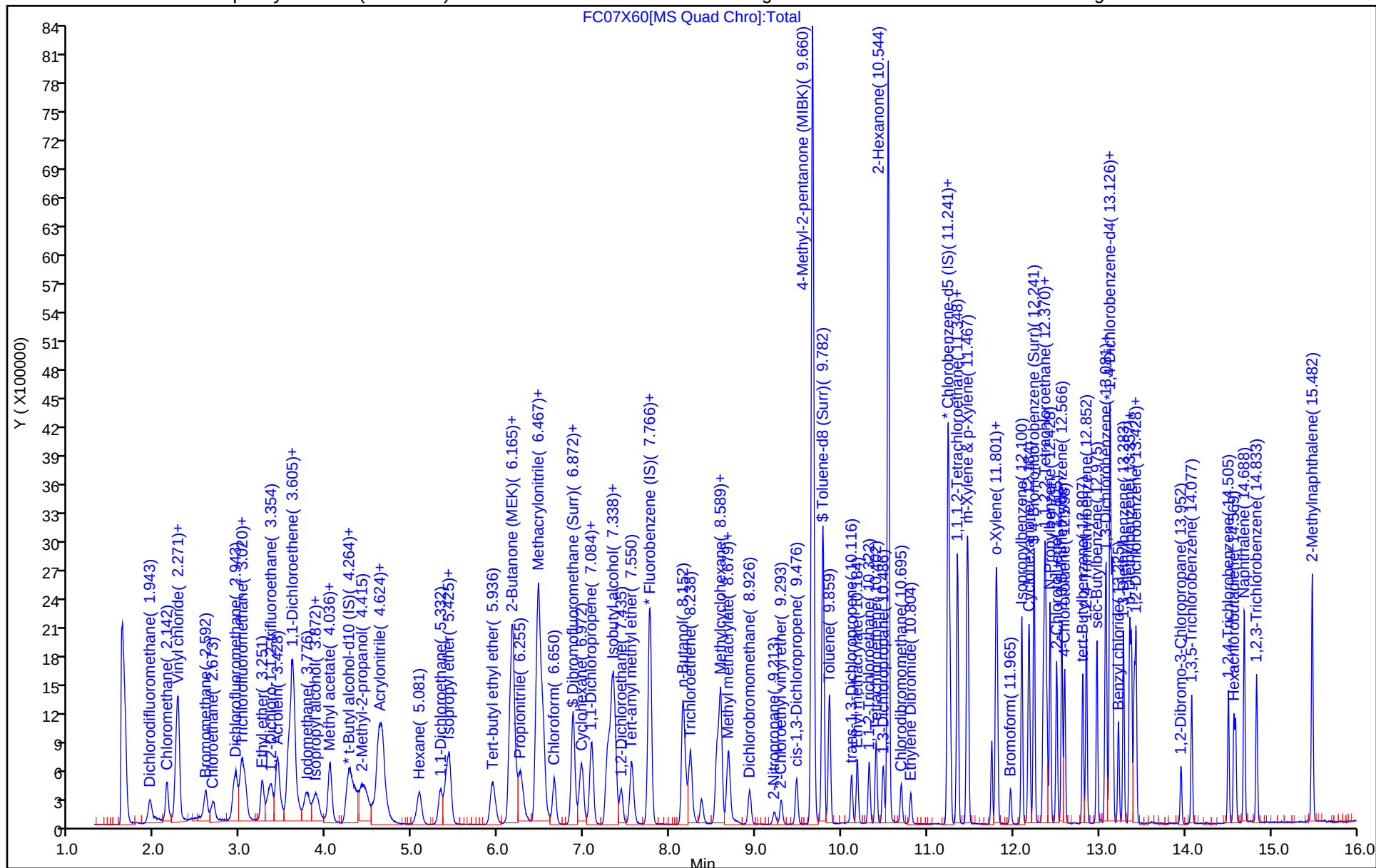
ALS Bottle#: 10

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

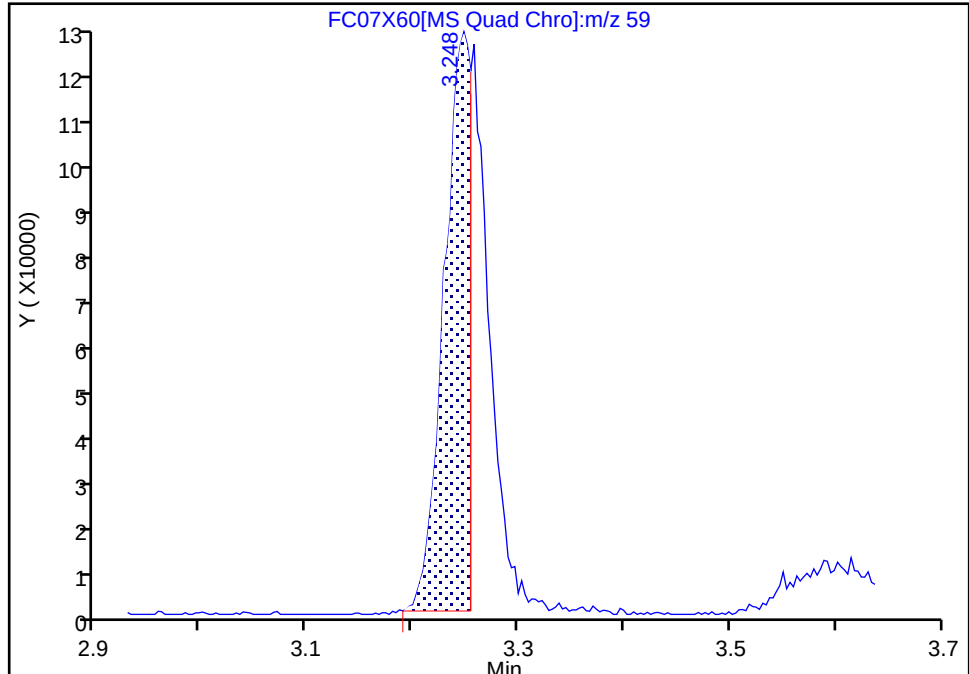
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Injection Date: 07-Oct-2025 20:07:01 Instrument ID: 15830
Lims ID: ICV
Client ID:
Operator ID: mcd07824 ALS Bottle#: 10 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

14 Ethyl ether, CAS: 60-29-7

Signal: 1

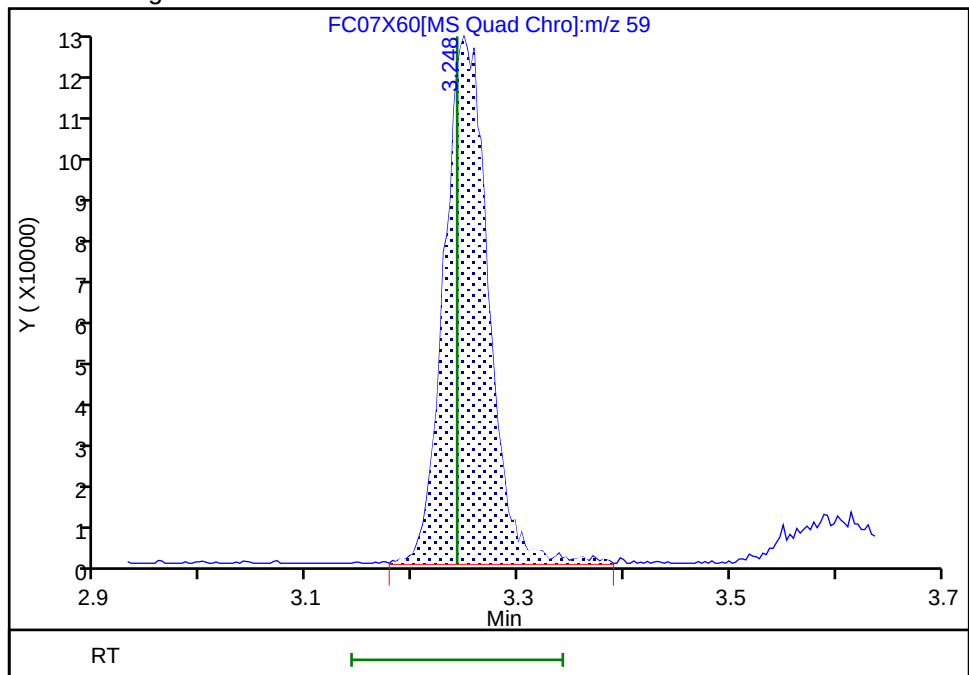
RT: 3.25
Area: 214953
Amount: 14.259088
Amount Units: ug/l

Processing Integration Results



RT: 3.25
Area: 361732
Amount: 23.995797
Amount Units: ug/l

Manual Integration Results



Reviewer: UCB5, 08-Oct-2025 14:01:30 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

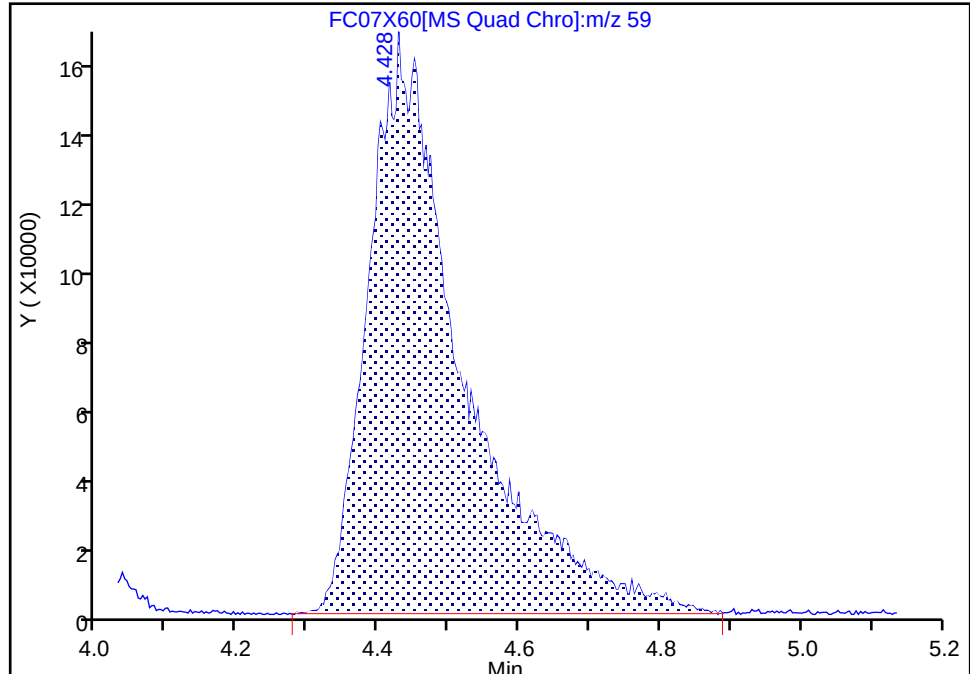
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Injection Date: 07-Oct-2025 20:07:01 Instrument ID: 15830
Lims ID: ICV
Client ID:
Operator ID: mcd07824 ALS Bottle#: 10 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

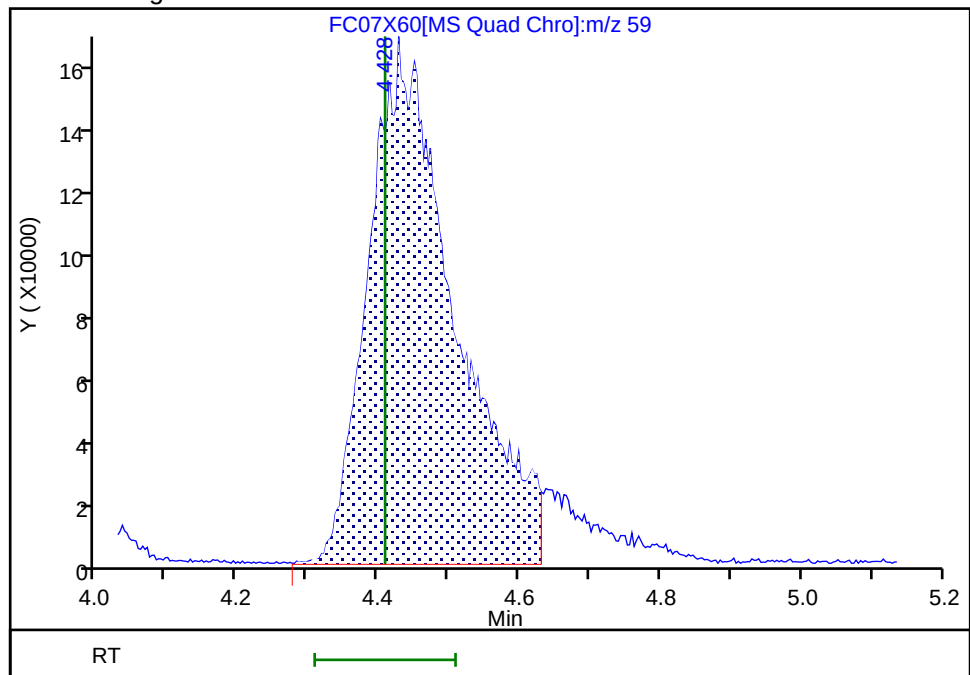
RT: 4.43
Area: 1538152
Amount: 225.8661
Amount Units: ug/l

Processing Integration Results



RT: 4.43
Area: 1402300
Amount: 197.6524
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 07-Oct-2025 20:29:56 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab Sample ID: CCVIS 410-712734/3

Calibration Date: 10/12/2025 21:33

Instrument ID: 15830

Calib Start Date: 10/07/2025 18:13

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 10/07/2025 23:52

Lab File ID: FC12X54.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5583	0.4280	0.1000	38.3	50.0	-23.0*	20.0
Chloromethane	Ave	0.6958	0.6597	0.1000	47.4	50.0	-5.0	20.0
Vinyl chloride	Ave	0.6125	0.5747	0.1000	46.9	50.0	-6.0	20.0
1,3-Butadiene	Ave	0.7200	0.6937		48.2	50.0	-4.0	20.0
Bromomethane	Ave	0.3527	0.3307	0.1000	46.9	50.0	-6.0	20.0
Chloroethane	Ave	0.3300	0.3339	0.1000	50.6	50.0	1.0	20.0
Dichlorofluoromethane	Ave	0.8129	0.8067		49.6	50.0	-1.0	20.0
Trichlorofluoromethane	Ave	0.6180	0.5753	0.1000	46.5	50.0	-7.0	20.0
n-Pentane	Lin		0.5768		50.1	50.0	0.0	20.0
Freon 123a	Ave	0.4433	0.4330		48.8	50.0	-2.0	20.0
Acrolein	Ave	1.019	0.7979		382	488	-22.0*	20.0
1,1-Dichloroethene	Ave	0.3303	0.2676	0.1000	40.5	50.0	-19.0	20.0
Freon 113	Ave	0.3309	0.2719	0.1000	41.1	50.0	-18.0	20.0
Acetone	Ave	0.5677	0.4190	0.1000	73.8	100	-26.0*	20.0
Methyl iodide	Ave	0.5416	0.4778		44.1	50.0	-12.0	20.0
2-Propanol	Ave	0.5465	0.4128		189	250	-24.0*	20.0
Carbon disulfide	Ave	0.9690	0.9777	0.1000	50.4	50.0	1.0	20.0
Methyl acetate	Lin1		0.5359	0.1000	64.5	50.0	29.0*	20.0
Allyl chloride	Ave	0.4587	0.5269		57.4	50.0	15.0	20.0
Methylene Chloride	Ave	0.3330	0.3265	0.1000	49.0	50.0	-2.0	20.0
t-Butyl alcohol	Ave	0.8569	0.7601		222	250	-11.0	20.0
Acrylonitrile	Ave	0.2528	0.2768		137	125	9.0	20.0
trans-1,2-Dichloroethene	Ave	0.2969	0.2972	0.1000	50.0	50.0	0.0	20.0
Methyl tert-butyl ether	Ave	0.7473	0.8154	0.1000	54.6	50.0	9.0	20.0
n-Hexane	Ave	0.2946	0.2955		50.2	50.0	0.0	20.0
1,1-Dichloroethane	Ave	0.5325	0.5637	0.2000	52.9	50.0	6.0	20.0
Isopropyl ether	Ave	0.8120	0.9282		57.2	50.0	14.0	20.0
2-Chloro-1,3-butadiene	Ave	0.4168	0.4684		56.2	50.0	12.0	20.0
Ethyl t-butyl ether	Ave	0.6816	0.7614		55.9	50.0	12.0	20.0
2-Butanone (MEK)	Ave	0.3166	0.3541	0.1000	112	100	12.0	20.0
cis-1,2-Dichloroethene	Ave	0.3279	0.3179	0.1000	48.5	50.0	-3.0	20.0
2,2-Dichloropropane	Ave	0.4085	0.4452		54.5	50.0	9.0	20.0
Propionitrile	Ave	0.7122	0.6945		244	250	-2.0	20.0
Methacrylonitrile	Ave	0.1792	0.1947		136	125	9.0	20.0
Bromochloromethane	Ave	0.1554	0.1527		49.1	50.0	-2.0	20.0
Tetrahydrofuran	Ave	0.5452	0.5312		244	250	-3.0	20.0
Chloroform	Ave	0.4813	0.5115	0.2000	53.1	50.0	6.0	20.0
1,1,1-Trichloroethane	Ave	0.4112	0.4346	0.1000	52.8	50.0	6.0	20.0
Cyclohexane	Ave	0.4687	0.4989	0.1000	53.2	50.0	6.0	20.0
1,1-Dichloropropene	Ave	0.3528	0.3745		53.1	50.0	6.0	20.0

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GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 10/07/2025 23:52

Lab File ID: FC12X54.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.3458	0.3643	0.1000	52.7	50.0	5.0	20.0
Isobutyl alcohol	Ave	0.2623	0.2658		633	625	1.0	20.0
Benzene	Ave	1.102	1.152	0.5000	52.3	50.0	5.0	20.0
1,2-Dichloroethane	Ave	0.3422	0.3733	0.1000	54.5	50.0	9.0	20.0
t-Amyl methyl ether	Ave	0.6625	0.7434		56.1	50.0	12.0	20.0
n-Heptane	Ave	0.2488	0.2632		52.9	50.0	6.0	20.0
n-Butanol	Ave	0.1746	0.1676		600	625	-4.0	20.0
Trichloroethene	Ave	0.2497	0.2531	0.2000	50.7	50.0	1.0	20.0
Methylcyclohexane	Ave	0.3786	0.3978	0.1000	52.5	50.0	5.0	20.0
1,2-Dichloropropane	Ave	0.2644	0.2882	0.1000	54.5	50.0	9.0	20.0
t-Amyl ethyl ether	Ave	0.3320	0.3847		57.9	50.0	16.0	20.0
Methyl methacrylate	Ave	0.2036	0.2311		56.8	50.0	14.0	20.0
1,4-Dioxane	Ave	0.0555	0.0542	0.0050	610	625	-2.0	20.0
Dibromomethane	Ave	0.1623	0.1671		51.5	50.0	3.0	20.0
Bromodichloromethane	Ave	0.2925	0.3074	0.2000	52.6	50.0	5.0	20.0
2-Nitropropane	Ave	0.7152	0.7762		271	250	9.0	20.0
2-Chloroethyl vinyl ether	Ave	0.1437	0.1651		57.4	50.0	15.0	20.0
cis-1,3-Dichloropropene	Ave	0.3170	0.3374	0.2000	53.2	50.0	6.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4986	0.6266	0.1000	126	100	26.0*	20.0
Toluene	Ave	0.9123	0.9693	0.4000	53.1	50.0	6.0	20.0
trans-1,3-Dichloropropene	Ave	0.4072	0.4457	0.1000	54.7	50.0	9.0	20.0
Ethyl methacrylate	Ave	0.4665	0.5473		58.7	50.0	17.0	20.0
1,1,2-Trichloroethane	Ave	0.3043	0.3143	0.1000	51.6	50.0	3.0	20.0
Tetrachloroethene	Ave	0.3607	0.3482	0.2000	48.3	50.0	-3.0	20.0
1,3-Dichloropropane	Ave	0.4969	0.5449		54.8	50.0	10.0	20.0
2-Hexanone	Ave	0.5292	0.6888	0.1000	130	100	30.0*	20.0
Dibromochloromethane	Ave	0.3178	0.3313		52.1	50.0	4.0	20.0
1,2-Dibromoethane (EDB)	Ave	0.2920	0.3130	0.1000	53.6	50.0	7.0	20.0
1-Chlorohexane	Ave	0.3957	0.4318		54.6	50.0	9.0	20.0
Chlorobenzene	Ave	0.9521	0.9922	0.5000	52.1	50.0	4.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3628	0.3807		52.5	50.0	5.0	20.0
Ethylbenzene	Ave	1.635	1.891	0.1000	57.8	50.0	16.0	20.0
m&p-Xylene	Ave	0.6414	0.7240	0.1000	113	100	13.0	20.0
o-Xylene	Ave	0.6613	0.7205	0.3000	54.5	50.0	9.0	20.0
Styrene	Ave	0.9729	1.081	0.3000	55.6	50.0	11.0	20.0
Bromoform	Ave	0.2230	0.2256	0.1000	50.6	50.0	1.0	20.0
Isopropylbenzene	Ave	1.544	1.851	0.1000	59.9	50.0	20.0	20.0
1,1,2,2-Tetrachloroethane	Ave	1.082	1.177	0.3000	54.4	50.0	9.0	20.0
Bromobenzene	Ave	0.6670	0.6717		50.4	50.0	1.0	20.0
trans-1,4-Dichloro-2-butene	Lin1		0.2412		117	125	-7.0	20.0

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Calibration Date: 10/12/2025 21:33

Instrument ID: 15830

Calib Start Date: 10/07/2025 18:13

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 10/07/2025 23:52

Lab File ID: FC12X54.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichloropropane	Ave	0.3568	0.3728		52.2	50.0	4.0	20.0
N-Propylbenzene	Ave	3.148	3.858		61.3	50.0	23.0*	20.0
2-Chlorotoluene	Ave	0.6786	0.7369		54.3	50.0	9.0	20.0
1,3,5-Trimethylbenzene	Ave	2.265	2.623		57.9	50.0	16.0	20.0
4-Chlorotoluene	Ave	0.6308	0.6868		54.4	50.0	9.0	20.0
tert-Butylbenzene	Linl		0.4427		43.7	50.0	-13.0	20.0
1,2,4-Trimethylbenzene	Ave	2.288	2.687		58.7	50.0	17.0	20.0
sec-Butylbenzene	Ave	2.555	3.009		58.9	50.0	18.0	20.0
1,3-Dichlorobenzene	Ave	1.199	1.209	0.6000	50.4	50.0	1.0	20.0
p-Isopropyltoluene	Ave	2.205	2.604		59.1	50.0	18.0	20.0
1,4-Dichlorobenzene	Ave	1.234	1.223	0.5000	49.5	50.0	-1.0	20.0
1,2,3-Trimethylbenzene	Ave	2.316	2.749		59.4	50.0	19.0	20.0
Benzyl chloride	Ave	1.689	1.886		55.8	50.0	12.0	20.0
1,3-Diethylbenzene	Ave	1.285	1.406		54.7	50.0	9.0	20.0
1,4-Diethylbenzene	Ave	1.367	1.492		54.6	50.0	9.0	20.0
n-Butylbenzene	Ave	1.082	1.261		58.3	50.0	17.0	20.0
1,2-Dichlorobenzene	Ave	1.286	1.309	0.4000	50.9	50.0	2.0	20.0
1,2-Diethylbenzene	Ave	1.140	1.218		53.4	50.0	7.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3502	0.3753	0.0500	53.6	50.0	7.0	20.0
1,3,5-Trichlorobenzene	Ave	0.7629	0.7382		48.4	50.0	-3.0	20.0
1,2,4-Trichlorobenzene	Ave	0.7323	0.6893	0.2000	47.1	50.0	-6.0	20.0
Hexachlorobutadiene	Ave	0.2979	0.2495		41.9	50.0	-16.0	20.0
Naphthalene	Ave	3.144	3.474		55.2	50.0	10.0	20.0
1,2,3-Trichlorobenzene	Ave	0.7924	0.7453		47.0	50.0	-6.0	20.0
2-Methylnaphthalene	Linl		1.509		41.5	50.0	-17.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2695	0.2684		49.8	50.0	0.0	
1,2-Dichloroethane-d4 (Surr)	Ave	0.0703	0.0689		48.9	50.0	-2.0	
Toluene-d8 (Surr)	Ave	1.416	1.482		52.3	50.0	5.0	
4-Bromofluorobenzene (Surr)	Ave	0.5112	0.5115		50.0	50.0	0.0	

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X54.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 12-Oct-2025 21:33:34 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 410-0162872-003
 Operator ID: AGD105956 Instrument ID: 15830
 Sublist: chrom-MSVoa_15830_PT2*sub10
 Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Oct-2025 23:16:58 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1643

First Level Reviewer: Z6YX

Date: 12-Oct-2025 22:08:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.936	1.936	0.000	99	1129682	50.0	38.3	
4 Chloromethane	50	2.129	2.129	0.000	99	1741091	50.0	47.4	
5 Vinyl chloride	62	2.242	2.242	0.000	98	1516969	50.0	46.9	
6 Butadiene	39	2.261	2.261	0.000	95	1830791	50.0	48.2	
8 Bromomethane	94	2.589	2.589	0.000	91	872958	50.0	46.9	
9 Chloroethane	64	2.676	2.676	0.000	100	881312	50.0	50.6	
10 Dichlorofluoromethane	67	2.923	2.923	0.000	97	2129221	50.0	49.6	
11 Trichlorofluoromethane	101	2.985	2.985	0.000	94	1518363	50.0	46.5	
12 Pentane	43	3.017	3.017	0.000	97	1522287	50.0	50.1	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.341	3.341	0.000	98	1142898	50.0	48.8	
16 Acrolein	56	3.415	3.415	0.000	99	3731488	487.9	382.0	
17 1,1-Dichloroethene	96	3.554	3.554	0.000	98	706316	50.0	40.5	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.579	3.579	0.000	91	717623	50.0	41.1	
19 Acetone	58	3.595	3.595	0.000	100	401595	100.0	73.8	
21 Iodomethane	142	3.766	3.766	0.000	99	1261167	50.0	44.1	
22 Isopropyl alcohol	45	3.798	3.798	0.000	98	989049	250.0	188.8	
23 Carbon disulfide	76	3.862	3.862	0.000	100	2580607	50.0	50.4	
24 Methyl acetate	43	4.020	4.020	0.000	99	1414444	50.0	64.5	
25 3-Chloro-1-propene	41	4.033	4.033	0.000	91	1390552	50.0	57.4	
26 Methylene Chloride	84	4.239	4.239	0.000	98	861619	50.0	49.0	
* 27 t-Butyl alcohol-d10 (IS)	65	4.274	4.274	0.000	99	2396196	250.0	250.0	
28 2-Methyl-2-propanol	59	4.415	4.415	0.000	99	1821370	250.0	221.8	M
31 Acrylonitrile	53	4.589	4.589	0.000	98	1826173	125.0	136.9	
32 trans-1,2-Dichloroethene	96	4.640	4.640	0.000	96	784391	50.0	50.0	
33 Methyl tert-butyl ether	73	4.650	4.650	0.000	92	2152081	50.0	54.6	
34 Hexane	57	5.075	5.075	0.000	96	780038	50.0	50.2	
35 1,1-Dichloroethane	63	5.316	5.316	0.000	96	1487720	50.0	52.9	
36 Isopropyl ether	45	5.390	5.390	0.000	96	2449963	50.0	57.2	
37 2-Chloro-1,3-butadiene	53	5.425	5.425	0.000	93	1236170	50.0	56.2	
39 Tert-butyl ethyl ether	59	5.927	5.927	0.000	97	2009693	50.0	55.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
41 2-Butanone (MEK)	43	6.148	6.148	0.000	100	1869433	100.0	111.9	
42 cis-1,2-Dichloroethene	96	6.165	6.165	0.000	84	839093	50.0	48.5	
43 2,2-Dichloropropane	77	6.177	6.177	0.000	91	1174997	50.0	54.5	
44 Propionitrile	54	6.248	6.248	0.000	99	1664115	250.0	243.8	
45 Methacrylonitrile	67	6.457	6.457	0.000	94	1284535	125.0	135.8	
46 Chlorobromomethane	128	6.492	6.492	0.000	97	402986	50.0	49.1	
47 Tetrahydrofuran	71	6.512	6.512	0.000	92	1272838	250.0	243.6	
48 Chloroform	83	6.650	6.650	0.000	94	1349964	50.0	53.1	
\$ 49 Dibromofluoromethane (Surr)	113	6.862	6.862	0.000	92	708297	50.0	49.8	
50 1,1,1-Trichloroethane	97	6.875	6.875	0.000	98	1147055	50.0	52.8	
51 Cyclohexane	56	6.968	6.968	0.000	93	1316892	50.0	53.2	
52 1,1-Dichloropropene	75	7.084	7.084	0.000	93	988512	50.0	53.1	
53 Carbon tetrachloride	117	7.084	7.084	0.000	93	961436	50.0	52.7	
56 Isobutyl alcohol	41	7.271	7.271	0.000	93	1592325	625.0	633.4	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.328	7.328	0.000	99	181728	50.0	48.9	
58 Benzene	78	7.354	7.354	0.000	97	3041825	50.0	52.3	
59 1,2-Dichloroethane	62	7.425	7.425	0.000	97	985143	50.0	54.5	
60 Tert-amyl methyl ether	73	7.547	7.547	0.000	96	1962006	50.0	56.1	
* 61 Fluorobenzene (IS)	96	7.759	7.759	0.000	99	2639358	50.0	50.0	
62 n-Heptane	43	7.772	7.772	0.000	95	694765	50.0	52.9	
63 n-Butanol	56	8.152	8.152	0.000	93	1003797	625.0	599.9	
64 Trichloroethene	95	8.238	8.238	0.000	98	668036	50.0	50.7	
65 Methylcyclohexane	83	8.553	8.553	0.000	92	1049863	50.0	52.5	
66 1,2-Dichloropropane	63	8.576	8.576	0.000	76	760641	50.0	54.5	
67 2-ethoxy-2-methyl butane	87	8.589	8.589	0.000	90	1015347	50.0	57.9	
68 Methyl methacrylate	69	8.669	8.669	0.000	93	609987	50.0	56.8	
70 1,4-Dioxane	88	8.676	8.676	0.000	38	324742	625.0	609.9	M
69 Dibromomethane	93	8.689	8.689	0.000	93	441066	50.0	51.5	
72 Dichlorobromomethane	83	8.930	8.930	0.000	98	811443	50.0	52.6	
73 2-Nitropropane	41	9.213	9.213	0.000	99	1859868	250.0	271.3	
74 2-Chloroethyl vinyl ether	63	9.293	9.293	0.000	91	435663	50.0	57.4	
76 cis-1,3-Dichloropropene	75	9.473	9.473	0.000	93	890504	50.0	53.2	
78 4-Methyl-2-pentanone (MIBK)	43	9.660	9.660	0.000	98	3307591	100.0	125.7	
\$ 79 Toluene-d8 (Surr)	98	9.779	9.779	0.000	94	2534308	50.0	52.3	
80 Toluene	92	9.859	9.859	0.000	98	1657942	50.0	53.1	
105 trans-1,3-Dichloropropene	75	10.116	10.116	0.000	96	762293	50.0	54.7	
106 Ethyl methacrylate	69	10.180	10.180	0.000	91	936168	50.0	58.7	
107 1,1,2-Trichloroethane	97	10.322	10.322	0.000	92	537542	50.0	51.6	
108 Tetrachloroethene	166	10.402	10.402	0.000	93	595492	50.0	48.3	
109 1,3-Dichloropropane	76	10.483	10.483	0.000	94	931989	50.0	54.8	
110 2-Hexanone	43	10.544	10.544	0.000	98	2356166	100.0	130.2	
111 Chlorodibromomethane	129	10.695	10.695	0.000	91	566603	50.0	52.1	
112 Ethylene Dibromide	107	10.804	10.804	0.000	98	535298	50.0	53.6	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	87	1710391	50.0	50.0	
114 1-Chlorohexane	91	11.248	11.248	0.000	93	738557	50.0	54.6	
115 Chlorobenzene	112	11.264	11.264	0.000	93	1697033	50.0	52.1	
117 1,1,1,2-Tetrachloroethane	131	11.348	11.348	0.000	93	651146	50.0	52.5	
118 Ethylbenzene	91	11.351	11.351	0.000	99	3234965	50.0	57.8	
119 m-Xylene & p-Xylene	106	11.467	11.467	0.000	100	2476679	100.0	112.9	
120 o-Xylene	106	11.798	11.798	0.000	97	1232378	50.0	54.5	
121 Styrene	104	11.811	11.811	0.000	95	1849399	50.0	55.6	
122 Bromoform	173	11.965	11.965	0.000	95	385860	50.0	50.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
123 Isopropylbenzene	105	12.100	12.100	0.000	96	3165134	50.0	59.9	
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	84	874791	50.0	50.0	
127 1,1,2,2-Tetrachloroethane	83	12.348	12.348	0.000	95	1127326	50.0	54.4	
128 Bromobenzene	156	12.357	12.357	0.000	98	643094	50.0	50.4	
129 trans-1,4-Dichloro-2-butene	53	12.373	12.373	0.000	84	577427	125.0	116.6	
130 1,2,3-Trichloropropane	110	12.393	12.393	0.000	85	356907	50.0	52.2	
131 N-Propylbenzene	91	12.428	12.428	0.000	99	3694041	50.0	61.3	
132 2-Chlorotoluene	126	12.505	12.505	0.000	96	705514	50.0	54.3	
133 1,3,5-Trimethylbenzene	105	12.566	12.566	0.000	95	2511716	50.0	57.9	
134 4-Chlorotoluene	126	12.598	12.598	0.000	98	657555	50.0	54.4	
135 tert-Butylbenzene	134	12.811	12.811	0.000	94	423839	50.0	43.7	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	98	2572973	50.0	58.7	
137 sec-Butylbenzene	105	12.975	12.975	0.000	94	2880877	50.0	58.9	
138 1,3-Dichlorobenzene	146	13.071	13.071	0.000	97	1157846	50.0	50.4	
139 4-Isopropyltoluene	119	13.081	13.081	0.000	97	2492733	50.0	59.1	
* 140 1,4-Dichlorobenzene-d4	152	13.126	13.126	0.000	96	957401	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.145	13.145	0.000	93	1170740	50.0	49.5	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	99	2632357	50.0	59.4	
143 Benzyl chloride	91	13.222	13.222	0.000	99	1805247	50.0	55.8	
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	95	1345861	50.0	54.7	
145 p-Diethylbenzene	119	13.354	13.354	0.000	93	1428687	50.0	54.6	
146 n-Butylbenzene	92	13.373	13.373	0.000	98	1207580	50.0	58.3	
147 1,2-Dichlorobenzene	146	13.409	13.409	0.000	97	1253662	50.0	50.9	
148 o-diethylbenzene	119	13.428	13.428	0.000	96	1165700	50.0	53.4	
149 1,2-Dibromo-3-Chloropropane	75	13.952	13.952	0.000	78	359279	50.0	53.6	
150 1,3,5-Trichlorobenzene	180	14.077	14.077	0.000	96	706801	50.0	48.4	
151 1,2,4-Trichlorobenzene	180	14.502	14.502	0.000	94	659976	50.0	47.1	
152 Hexachlorobutadiene	225	14.585	14.585	0.000	97	238919	50.0	41.9	
153 Naphthalene	128	14.688	14.688	0.000	97	3326027	50.0	55.2	
154 1,2,3-Trichlorobenzene	180	14.833	14.833	0.000	95	713516	50.0	47.0	
155 2-Methylnaphthalene	142	15.479	15.479	0.000	93	1444253	50.0	41.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00256	Amount Added: 5.00	Units: uL	
MSV_CCV_VOC#3_00258	Amount Added: 4.00	Units: uL	
MSV_CCV_2CEVE_00249	Amount Added: 5.00	Units: uL	
MSV_CCV_GASES_01147	Amount Added: 2.50	Units: uL	
MSV_Cent_ISSS_00045	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 12-Oct-2025 23:16:59

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X54.D

Injection Date: 12-Oct-2025 21:33:34

Instrument ID: 15830

Operator ID: AGD105956

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

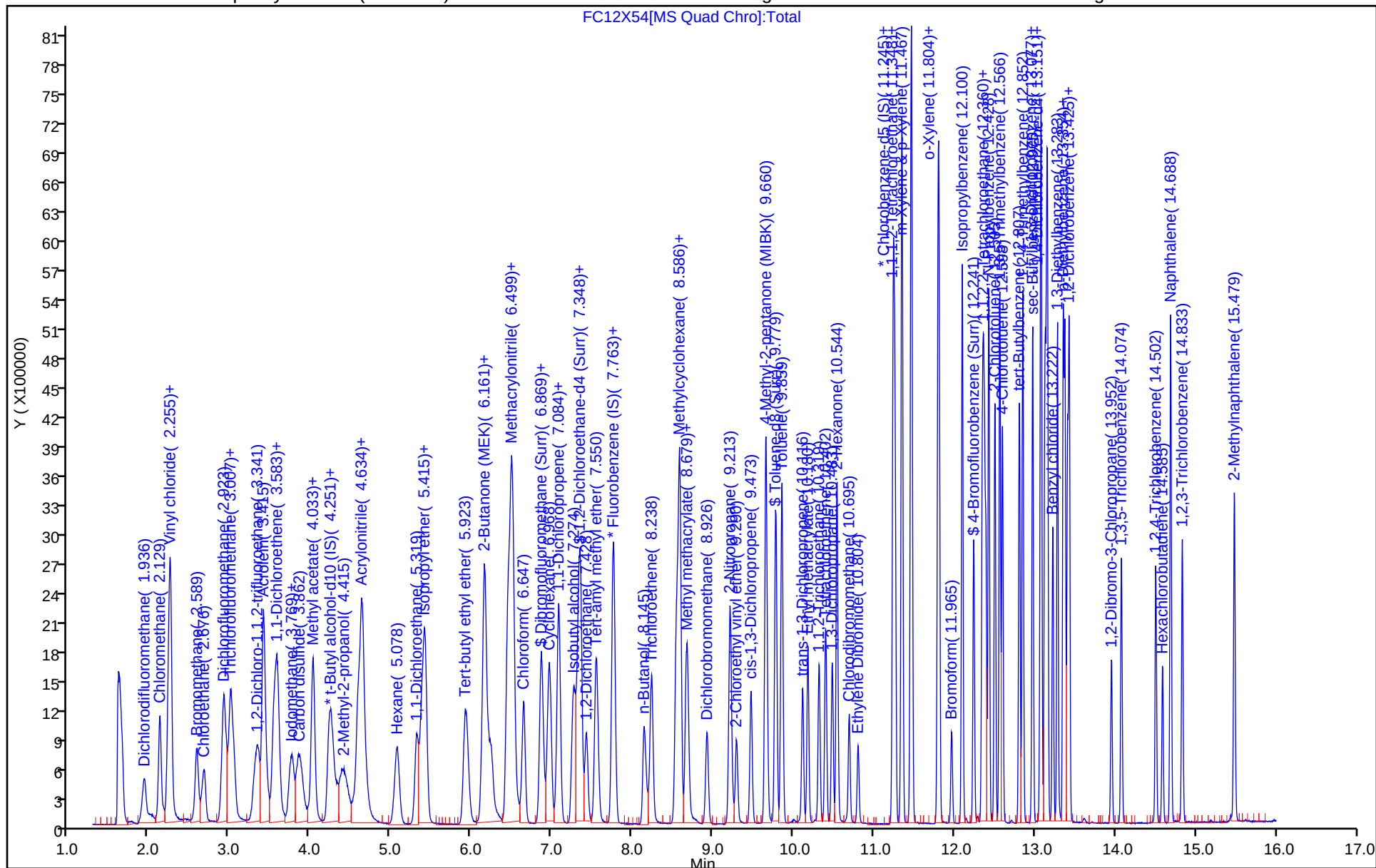
ALS Bottle#: 2

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

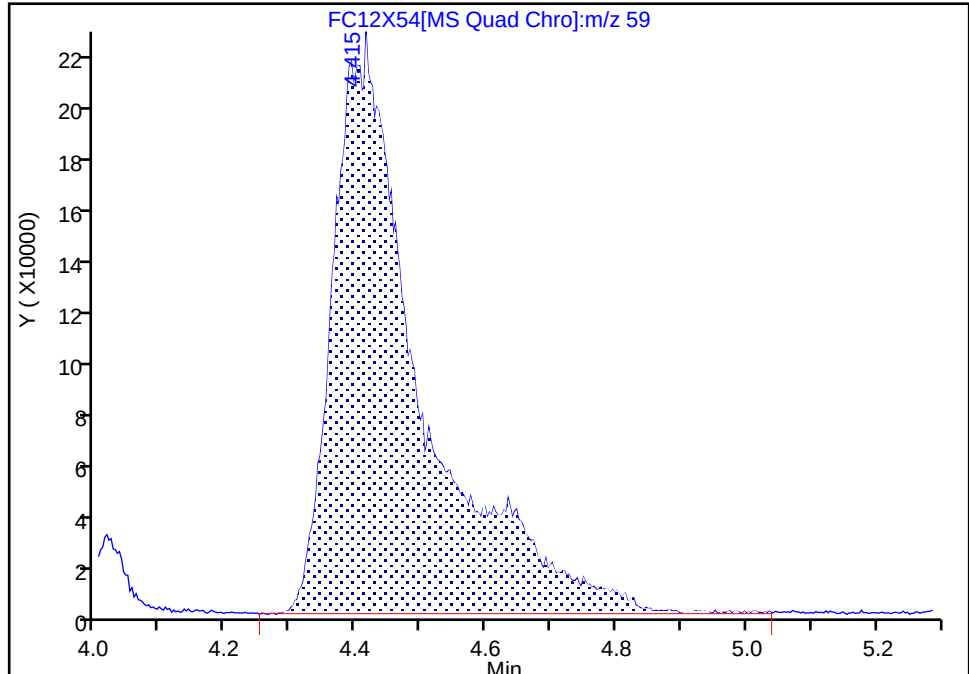
Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X54.D
Injection Date: 12-Oct-2025 21:33:34 Instrument ID: 15830
Lims ID: CCVIS
Client ID:
Operator ID: AGD105956 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

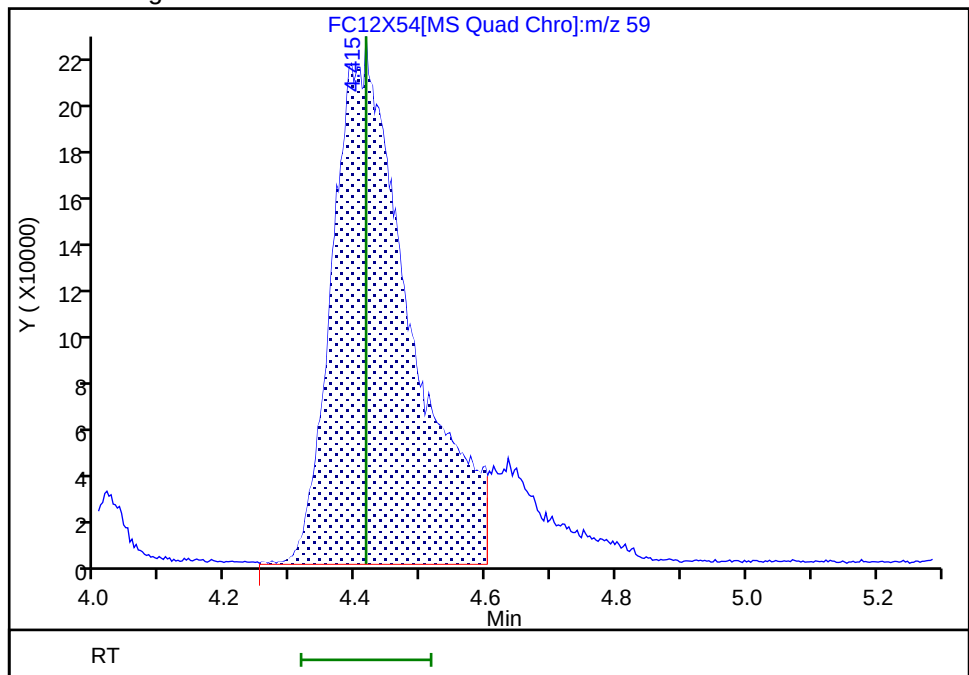
RT: 4.42
Area: 2111329
Amount: 257.0548
Amount Units: ug/l

Processing Integration Results



RT: 4.42
Area: 1821370
Amount: 221.7522
Amount Units: ug/l

Manual Integration Results



Reviewer: Z6YX, 12-Oct-2025 22:07:17 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

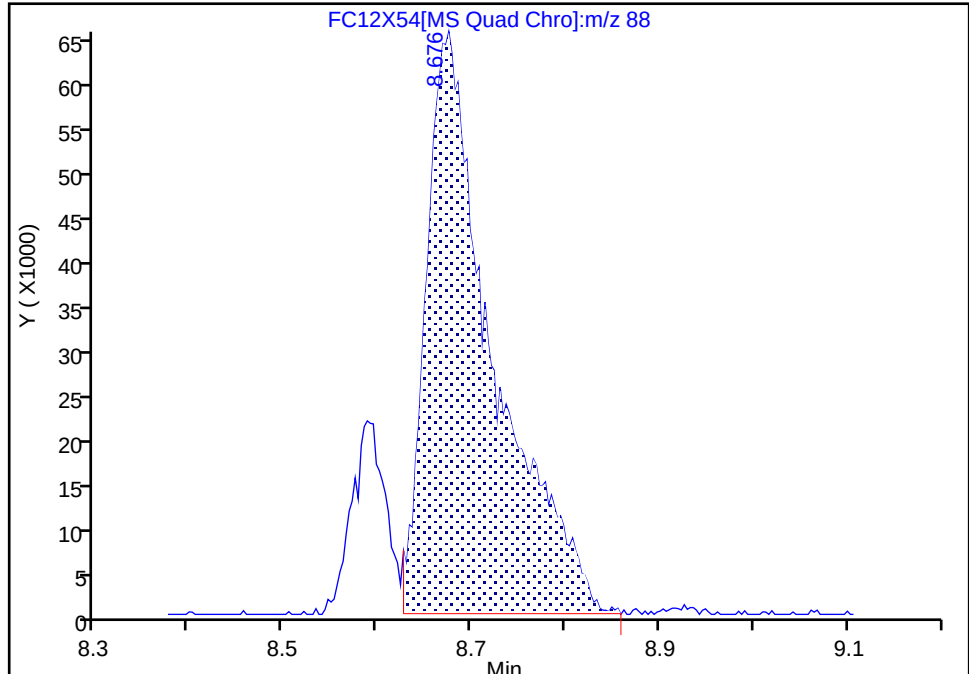
Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X54.D
Injection Date: 12-Oct-2025 21:33:34 Instrument ID: 15830
Lims ID: CCVIS
Client ID:
Operator ID: AGD105956 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

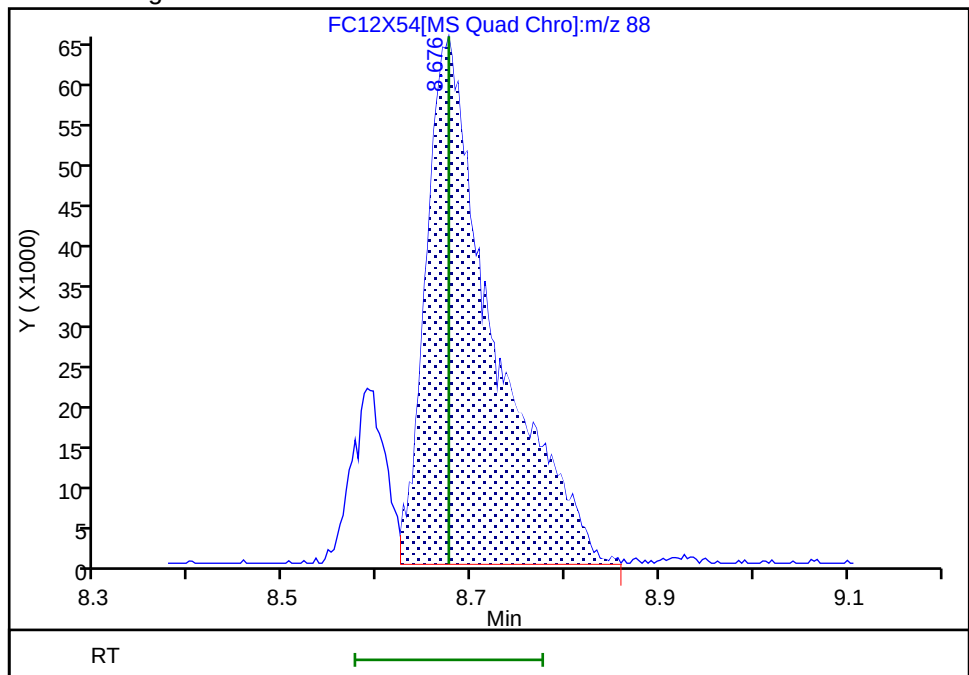
RT: 8.68
Area: 324096
Amount: 608.7205
Amount Units: ug/l

Processing Integration Results



RT: 8.68
Area: 324742
Amount: 609.9338
Amount Units: ug/l

Manual Integration Results



Reviewer: Z6YX, 12-Oct-2025 22:07:50 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.: _____

Lab Sample ID: ICV 410-683596/20

Calibration Date: 08/11/2025 21:42

Instrument ID: 26285

Calib Start Date: 08/11/2025 18:58

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 08/11/2025 21:01

Lab File ID: 5G11X19.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5275	0.4002	0.1000	15.2	20.0	-24.0	30.0
Chloromethane	Ave	0.5015	0.4508	0.1000	18.0	20.0	-10.0	30.0
Vinyl chloride	Ave	0.4412	0.3857	0.1000	17.5	20.0	-13.0	30.0
1,3-Butadiene	Ave	0.4316	0.4300		19.9	20.0	0.0	30.0
Bromomethane	Ave	0.2920	0.2731	0.1000	18.7	20.0	-6.0	30.0
Chloroethane	Ave	0.2122	0.2073	0.1000	19.5	20.0	-2.0	30.0
Dichlorofluoromethane	Ave	0.6702	0.6745		20.1	20.0	1.0	30.0
n-Pentane	Ave	0.3607	0.3803		21.1	20.0	5.0	30.0
Trichlorofluoromethane	Ave	0.5507	0.4751	0.1000	17.3	20.0	-14.0	30.0
Ethyl ether	Ave	0.1907	0.2000		20.8	19.9	5.0	30.0
Freon 123a	Ave	0.3306	0.3183		19.3	20.0	-4.0	30.0
Acrolein	Ave	1.248	1.207		142	146	-3.0	30.0
1,1-Dichloroethene	Ave	0.2183	0.2609	0.1000	23.9	20.0	19.0	30.0
Acetone	Ave	0.5656	0.5521	0.1000	244	250	-2.0	30.0
Freon 113	Ave	0.2509	0.2733	0.1000	21.8	20.0	9.0	30.0
2-Propanol	Ave	0.4992	0.4336		130	150	-13.0	30.0
Methyl iodide	Ave	0.4794	0.4921		20.5	20.0	3.0	30.0
Carbon disulfide	Ave	0.7736	0.8683	0.1000	22.4	20.0	12.0	30.0
Methyl acetate	Ave	0.3245	0.3160	0.1000	19.5	20.0	-3.0	30.0
Allyl chloride	Ave	0.3808	0.3942		20.7	20.0	4.0	30.0
Methylene Chloride	Ave	0.2622	0.2818	0.1000	21.5	20.0	7.0	30.0
t-Butyl alcohol	Ave	0.9556	1.057		221	200	11.0	30.0
Acrylonitrile	Ave	0.1545	0.1576		102	100	2.0	30.0
trans-1,2-Dichloroethene	Ave	0.2412	0.2616	0.1000	21.7	20.0	8.0	30.0
Methyl tert-butyl ether	Ave	0.7762	0.7915	0.1000	20.4	20.0	2.0	30.0
n-Hexane	Linl		0.2945		21.1	20.0	5.0	30.0
1,1-Dichloroethane	Ave	0.4411	0.4840	0.2000	21.9	20.0	10.0	30.0
Isopropyl ether	Ave	0.7551	0.7965		21.1	20.0	5.0	30.0
2-Chloro-1,3-butadiene	Ave	0.3822	0.4100		21.5	20.0	7.0	30.0
Ethyl t-butyl ether	Ave	0.7346	0.7647		20.8	20.0	4.0	30.0
2-Butanone (MEK)	Ave	0.2394	0.2265	0.1000	237	250	-5.0	30.0
cis-1,2-Dichloroethene	Ave	0.2681	0.2965	0.1000	22.1	20.0	11.0	30.0
2,2-Dichloropropane	Ave	0.3864	0.4127		21.4	20.0	7.0	30.0
Propionitrile	Ave	1.000	0.9837		148	150	-2.0	30.0
Methyl acrylate	Ave	0.3637	0.3881		21.3	20.0	7.0	30.0
Methacrylonitrile	Ave	0.1506	0.1547		154	150	3.0	30.0
Bromochloromethane	Ave	0.1369	0.1440		21.0	20.0	5.0	30.0
Tetrahydrofuran	Ave	0.8996	0.8435		93.8	100	-6.0	30.0
Chloroform	Ave	0.4548	0.4801	0.2000	21.1	20.0	6.0	30.0
1,1,1-Trichloroethane	Ave	0.3961	0.4391	0.1000	22.2	20.0	11.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.: _____

Lab Sample ID: ICV 410-683596/20

Calibration Date: 08/11/2025 21:42

Instrument ID: 26285

Calib Start Date: 08/11/2025 18:58

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 08/11/2025 21:01

Lab File ID: 5G11X19.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Cyclohexane	Ave	0.4052	0.4504	0.1000	22.2	20.0	11.0	30.0
Carbon tetrachloride	Ave	0.3473	0.3752	0.1000	21.6	20.0	8.0	30.0
1,1-Dichloropropene	Ave	0.3400	0.3661		21.5	20.0	8.0	30.0
Isobutyl alcohol	Ave	0.3411	0.3040		446	500	-11.0	30.0
Benzene	Ave	1.010	1.070	0.5000	21.2	20.0	6.0	30.0
1,2-Dichloroethane	Ave	0.3724	0.3889	0.1000	20.9	20.0	4.0	30.0
t-Amyl methyl ether	Ave	0.7278	0.7648		21.0	20.0	5.0	30.0
n-Heptane	Linl		0.2752		20.9	20.0	5.0	30.0
n-Butanol	Ave	0.2186	0.2182		998	1000	0.0	30.0
Trichloroethene	Ave	0.2606	0.2824	0.2000	21.7	20.0	8.0	30.0
Ethyl acrylate	Ave	0.3889	0.4064		20.9	20.0	5.0	30.0
Methylcyclohexane	Linl		0.3984	0.1000	19.8	20.0	-1.0	30.0
1,2-Dichloropropane	Ave	0.2531	0.2698	0.1000	21.3	20.0	7.0	30.0
t-Amyl ethyl ether	Ave	0.3449	0.3427		19.9	20.0	-1.0	30.0
1,4-Dioxane	Ave	0.0592	0.0564	0.0050	476	500	-5.0	30.0
Dibromomethane	Ave	0.1732	0.1779		20.5	20.0	3.0	30.0
Methyl methacrylate	Ave	0.2176	0.2172		20.0	20.0	0.0	30.0
Bromodichloromethane	Ave	0.3353	0.3462	0.2000	20.6	20.0	3.0	30.0
2-Nitropropane	Ave	1.807	1.606		17.8	20.0	-11.0	30.0
2-Chloroethyl vinyl ether	Ave	0.1837	0.1818		19.8	20.0	-1.0	30.0
cis-1,3-Dichloropropene	Ave	0.3963	0.4044	0.2000	20.4	20.0	2.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4575	0.4545	0.1000	248	250	-1.0	30.0
Toluene	Ave	0.8539	0.9107	0.4000	21.3	20.0	7.0	30.0
trans-1,3-Dichloropropene	Ave	0.5003	0.5066	0.1000	20.3	20.0	1.0	30.0
Ethyl methacrylate	Ave	0.4998	0.5184		20.7	20.0	4.0	30.0
1,1,2-Trichloroethane	Ave	0.3109	0.3242	0.1000	20.9	20.0	4.0	30.0
Tetrachloroethene	Ave	0.3761	0.4221	0.2000	22.4	20.0	12.0	30.0
1,3-Dichloropropane	Ave	0.4830	0.4948		20.5	20.0	2.0	30.0
2-Hexanone	Ave	0.4449	0.4359	0.1000	245	250	-2.0	30.0
Dibromochloromethane	Ave	0.3693	0.3583		19.4	20.0	-3.0	30.0
1,2-Dibromoethane (EDB)	Ave	0.3320	0.3397	0.1000	20.5	20.0	2.0	30.0
1-Chlorohexane	Ave	0.3974	0.4434		22.3	20.0	12.0	30.0
Chlorobenzene	Ave	0.9399	0.9827	0.5000	20.9	20.0	5.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3654	0.3889		21.3	20.0	6.0	30.0
Ethylbenzene	Ave	1.654	1.813	0.1000	21.9	20.0	10.0	30.0
m&p-Xylene	Ave	0.6321	0.7036	0.1000	44.5	40.0	11.0	30.0
n-Butyl acrylate	Ave	0.7455	0.7883		21.1	20.0	6.0	30.0
o-Xylene	Ave	0.6469	0.7210	0.3000	22.3	20.0	11.0	30.0
Styrene	Ave	1.049	1.139	0.3000	21.7	20.0	9.0	30.0
Bromoform	Ave	0.2919	0.2818	0.1000	19.3	20.0	-3.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.: _____

Lab Sample ID: ICV 410-683596/20

Calibration Date: 08/11/2025 21:42

Instrument ID: 26285

Calib Start Date: 08/11/2025 18:58

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 08/11/2025 21:01

Lab File ID: 5G11X19.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropylbenzene	Ave	1.718	1.874	0.1000	21.8	20.0	9.0	30.0
Cyclohexanone	Ave	0.2866	0.2357		411	500	-18.0	30.0
Bromobenzene	Ave	0.7507	0.7812		20.8	20.0	4.0	30.0
1,1,2,2-Tetrachloroethane	Ave	1.009	1.005	0.3000	19.9	20.0	0.0	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2970	0.2941		99.0	100	-1.0	30.0
1,2,3-Trichloropropane	Ave	0.2893	0.2829		19.6	20.0	-2.0	30.0
N-Propylbenzene	Ave	3.406	3.609		21.2	20.0	6.0	30.0
2-Chlorotoluene	Ave	0.6870	0.7569		22.0	20.0	10.0	30.0
1,3,5-Trimethylbenzene	Ave	2.422	2.548		21.0	20.0	5.0	30.0
4-Chlorotoluene	Ave	0.6665	0.7033		21.1	20.0	6.0	30.0
tert-Butylbenzene	Ave	0.4197	0.4283		20.4	20.0	2.0	30.0
1,2,4-Trimethylbenzene	Ave	2.393	2.606		21.8	20.0	9.0	30.0
sec-Butylbenzene	Ave	2.803	2.954		21.1	20.0	5.0	30.0
1,3-Dichlorobenzene	Ave	1.297	1.383	0.6000	21.3	20.0	7.0	30.0
p-Isopropyltoluene	Ave	2.488	2.573		20.7	20.0	3.0	30.0
1,4-Dichlorobenzene	Ave	1.329	1.384	0.5000	20.8	20.0	4.0	30.0
1,2,3-Trimethylbenzene	Ave	2.518	2.647		21.0	20.0	5.0	30.0
Benzyl chloride	Ave	1.880	1.912		20.3	20.0	2.0	30.0
1,3-Diethylbenzene	Ave	1.340	1.509		22.5	20.0	13.0	30.0
1,4-Diethylbenzene	Ave	1.440	1.558		21.6	20.0	8.0	30.0
n-Butylbenzene	Ave	1.136	1.206		21.2	20.0	6.0	30.0
1,2-Dichlorobenzene	Ave	1.332	1.404	0.4000	21.1	20.0	5.0	30.0
1,2-Diethylbenzene	Ave	1.156	1.216		21.0	20.0	5.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2785	0.2611	0.0500	18.8	20.0	-6.0	30.0
1,3,5-Trichlorobenzene	Ave	0.8689	0.9804		22.6	20.0	13.0	30.0
1,2,4-Trichlorobenzene	Ave	0.8621	0.9578	0.2000	22.2	20.0	11.0	30.0
2-Ethylhexyl acrylate	Ave	0.7776	0.8397		21.7	20.1	8.0	30.0
Hexachlorobutadiene	Lin1		0.3785		20.2	20.0	1.0	30.0
Naphthalene	Ave	3.330	3.535		21.2	20.0	6.0	30.0
1,2,3-Trichlorobenzene	Ave	0.8370	0.9123		21.8	20.0	9.0	30.0
2-Methylnaphthalene	Ave	1.454	1.759		24.2	20.0	21.0	30.0
Dibromofluoromethane (Surr)	Ave	0.2682	0.2702		50.4	50.0	1.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0583	0.0586		50.3	50.0	1.0	30.0
Toluene-d8 (Surr)	Ave	1.322	1.329		50.2	50.0	0.0	30.0
4-Bromofluorobenzene (Surr)	Ave	0.4848	0.4886		50.4	50.0	1.0	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X19.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 11-Aug-2025 21:42:30 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-020
 Misc. Info.: ICV
 Operator ID: knk41612 Instrument ID: 26285
 Sublist:
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:07:35 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 23:13:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.573	1.579	-0.006	81	168038	20.0	15.2	
4 Chloromethane	50	1.738	1.750	-0.012	99	189283	20.0	18.0	
6 Vinyl chloride	62	1.836	1.841	-0.005	98	161955	20.0	17.5	
5 Butadiene	39	1.854	1.866	-0.012	96	180539	20.0	19.9	
9 Bromomethane	94	2.116	2.128	-0.012	91	114666	20.0	18.7	
10 Chloroethane	64	2.146	2.152	-0.006	97	87057	20.0	19.5	
11 Dichlorofluoromethane	67	2.390	2.396	-0.006	97	283182	20.0	20.1	
12 Pentane	43	2.390	2.402	-0.012	68	159669	20.0	21.1	
13 Trichlorofluoromethane	101	2.427	2.439	-0.012	98	199498	20.0	17.3	
15 Ethyl ether	59	2.573	2.579	-0.006	93	83376	19.9	20.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	2.683	2.683	0.000	92	133657	20.0	19.3	
17 Acrolein	56	2.713	2.725	-0.012	98	262472	146.3	141.5	
18 1,1-Dichloroethene	96	2.817	2.835	-0.018	96	109544	20.0	23.9	
19 Acetone	58	2.848	2.866	-0.018	99	205078	250.0	244.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.878	2.884	-0.006	86	114768	20.0	21.8	
21 Iodomethane	142	3.000	3.018	-0.018	98	206601	20.0	20.5	
22 Isopropyl alcohol	45	2.988	3.024	-0.036	37	96636	150.0	130.3	M
23 Carbon disulfide	76	3.146	3.152	-0.006	100	364560	20.0	22.4	M
25 Methyl acetate	43	3.195	3.201	-0.006	83	132687	20.0	19.5	
26 3-Chloro-1-propene	41	3.207	3.219	-0.012	85	165522	20.0	20.7	
28 Methylene Chloride	84	3.372	3.384	-0.012	96	118323	20.0	21.5	
* 29 t-Butyl alcohol-d10 (IS)	65	3.433	3.439	-0.006	96	371484	250.0	250.0	
30 2-Methyl-2-propanol	59	3.530	3.518	0.012	99	314244	200.0	221.3	
31 Acrylonitrile	53	3.646	3.652	-0.006	97	330797	100.0	102.0	
32 trans-1,2-Dichloroethene	96	3.707	3.713	-0.006	98	109840	20.0	21.7	
33 Methyl tert-butyl ether	73	3.713	3.713	0.000	91	332325	20.0	20.4	
34 Hexane	57	4.079	4.091	-0.012	95	123639	20.0	21.1	
36 1,1-Dichloroethane	63	4.317	4.323	-0.006	96	203220	20.0	21.9	
38 Isopropyl ether	45	4.384	4.390	-0.006	97	334410	20.0	21.1	
39 2-Chloro-1,3-butadiene	53	4.427	4.439	-0.012	93	172134	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 Tert-butyl ethyl ether	59	4.945	4.963	-0.018	99	321067	20.0	20.8	
42 2-Butanone (MEK)	43	5.189	5.194	-0.005	99	1188775	250.0	236.6	
43 cis-1,2-Dichloroethene	96	5.195	5.207	-0.012	63	124472	20.0	22.1	
44 2,2-Dichloropropane	77	5.213	5.231	-0.018	90	173273	20.0	21.4	
45 Propionitrile	54	5.286	5.298	-0.012	95	219260	150.0	147.6	
46 Methyl acrylate	55	5.323	5.329	-0.006	100	162820	20.0	21.3	
47 Methacrylonitrile	67	5.506	5.511	-0.005	96	487008	150.0	154.1	
48 Chlorobromomethane	128	5.542	5.554	-0.012	82	60459	20.0	21.0	
49 Tetrahydrofuran	71	5.560	5.572	-0.012	86	125335	100.0	93.8	
50 Chloroform	83	5.713	5.725	-0.012	94	201575	20.0	21.1	
52 1,1,1-Trichloroethane	97	5.945	5.944	0.001	61	184374	20.0	22.2	
\$ 51 Dibromofluoromethane (Surr)	113	5.945	5.950	-0.005	93	283581	50.0	50.4	
53 Cyclohexane	56	6.036	6.042	-0.006	93	189092	20.0	22.2	
55 Carbon tetrachloride	117	6.158	6.164	-0.006	80	157520	20.0	21.6	
56 1,1-Dichloropropene	75	6.164	6.170	-0.006	92	153725	20.0	21.5	
57 Isobutyl alcohol	41	6.390	6.402	-0.012	92	225897	500.0	445.7	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.420	6.426	-0.006	82	61525	50.0	50.3	
59 Benzene	78	6.438	6.444	-0.006	96	449259	20.0	21.2	
60 1,2-Dichloroethane	62	6.524	6.536	-0.012	98	163300	20.0	20.9	
62 Tert-amyl methyl ether	73	6.652	6.664	-0.012	98	321118	20.0	21.0	
* 63 Fluorobenzene (IS)	96	6.877	6.883	-0.006	98	1049662	50.0	50.0	
64 n-Heptane	43	6.896	6.908	-0.012	94	115538	20.0	20.9	
65 n-Butanol	56	7.316	7.328	-0.012	93	324227	1000.0	998.4	
66 Trichloroethene	95	7.371	7.377	-0.006	98	118590	20.0	21.7	
67 Ethyl acrylate	55	7.530	7.535	-0.005	98	170444	20.0	20.9	
68 Methylcyclohexane	83	7.682	7.688	-0.006	91	167288	20.0	19.8	
69 1,2-Dichloropropane	63	7.725	7.731	-0.006	95	113278	20.0	21.3	
70 2-ethoxy-2-methyl butane	87	7.755	7.755	0.000	88	143883	20.0	19.9	
72 1,4-Dioxane	88	7.822	7.834	-0.012	81	41923	500.0	476.5	
73 Dibromomethane	93	7.840	7.840	0.000	89	74701	20.0	20.5	
74 Methyl methacrylate	69	7.847	7.846	0.001	92	91186	20.0	20.0	
76 Dichlorobromomethane	83	8.097	8.102	-0.005	99	145353	20.0	20.6	
77 2-Nitropropane	41	8.395	8.401	-0.006	100	47730	20.0	17.8	
78 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	92	76335	20.0	19.8	
79 cis-1,3-Dichloropropene	75	8.682	8.688	-0.006	94	169781	20.0	20.4	
83 4-Methyl-2-pentanone (MIBK)	43	8.895	8.901	-0.006	98	2385186	250.0	248.3	
\$ 84 Toluene-d8 (Surr)	98	9.023	9.029	-0.006	94	1024452	50.0	50.2	
85 Toluene	92	9.115	9.114	0.001	98	280812	20.0	21.3	
86 trans-1,3-Dichloropropene	75	9.432	9.438	-0.006	95	156217	20.0	20.3	
87 Ethyl methacrylate	69	9.517	9.523	-0.006	90	159850	20.0	20.7	
88 1,1,2-Trichloroethane	97	9.657	9.663	-0.006	90	99960	20.0	20.9	
89 Tetrachloroethene	166	9.736	9.736	0.000	98	130140	20.0	22.4	
91 1,3-Dichloropropane	76	9.840	9.840	0.000	93	152570	20.0	20.5	
92 2-Hexanone	43	9.913	9.913	0.000	98	1679948	250.0	244.9	
100 Chlorodibromomethane	129	10.066	10.072	-0.006	90	110481	20.0	19.4	
101 Ethylene Dibromide	107	10.181	10.181	0.000	98	104735	20.0	20.5	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	85	770869	50.0	50.0	
130 Chlorobenzene	112	10.681	10.687	-0.006	93	303016	20.0	20.9	
129 1-Chlorohexane	91	10.681	10.687	-0.006	66	136733	20.0	22.3	
131 1,1,1,2-Tetrachloroethane	131	10.779	10.779	0.000	94	119913	20.0	21.3	
132 Ethylbenzene	91	10.785	10.785	0.000	99	558972	20.0	21.9	
133 m-Xylene & p-Xylene	106	10.913	10.913	0.000	99	433933	40.0	44.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
134 n-Butyl acrylate	55	11.230	11.230	0.000	96	242854	20.0	21.1	
136 o-Xylene	106	11.261	11.260	0.001	96	222328	20.0	22.3	
137 Styrene	104	11.279	11.279	0.000	96	351329	20.0	21.7	
138 Bromoform	173	11.437	11.437	0.000	97	86877	20.0	19.3	
139 Isopropylbenzene	105	11.584	11.583	0.001	96	577934	20.0	21.8	
141 Cyclohexanone	55	11.657	11.657	0.000	95	175103	499.9	411.1	
\$ 143 4-Bromofluorobenzene (Surr)	95	11.730	11.730	0.000	95	376674	50.0	50.4	
144 Bromobenzene	156	11.846	11.846	0.000	92	138554	20.0	20.8	
145 1,1,2,2-Tetrachloroethane	83	11.852	11.852	0.000	94	178190	20.0	19.9	
146 trans-1,4-Dichloro-2-butene	53	11.876	11.882	-0.006	94	260808	100.0	99.0	
147 1,2,3-Trichloropropane	110	11.895	11.894	0.001	85	50176	20.0	19.6	
148 N-Propylbenzene	91	11.931	11.931	0.000	99	640206	20.0	21.2	
150 2-Chlorotoluene	126	12.004	12.004	0.000	97	134253	20.0	22.0	
152 1,3,5-Trimethylbenzene	105	12.077	12.077	0.000	95	451879	20.0	21.0	
153 4-Chlorotoluene	126	12.102	12.102	0.000	98	124746	20.0	21.1	
154 tert-Butylbenzene	134	12.327	12.327	0.000	93	75961	20.0	20.4	
156 1,2,4-Trimethylbenzene	105	12.376	12.376	0.000	97	462172	20.0	21.8	
158 sec-Butylbenzene	105	12.504	12.498	0.006	94	523998	20.0	21.1	
159 1,3-Dichlorobenzene	146	12.596	12.595	0.001	98	245356	20.0	21.3	
160 4-Isopropyltoluene	119	12.614	12.614	0.000	97	456399	20.0	20.7	
* 163 1,4-Dichlorobenzene-d4	152	12.657	12.656	0.001	93	443425	50.0	50.0	
164 1,4-Dichlorobenzene	146	12.675	12.675	0.000	95	245488	20.0	20.8	
165 1,2,3-Trimethylbenzene	105	12.687	12.687	0.000	99	469473	20.0	21.0	
166 Benzyl chloride	91	12.754	12.754	0.000	99	339161	20.0	20.3	
167 1,3-Diethylbenzene	119	12.827	12.827	0.000	96	267593	20.0	22.5	
168 p-Diethylbenzene	119	12.900	12.900	0.000	94	276333	20.0	21.6	
169 n-Butylbenzene	92	12.919	12.919	0.000	97	213941	20.0	21.2	
171 1,2-Dichlorobenzene	146	12.943	12.943	0.000	98	248951	20.0	21.1	
172 o-diethylbenzene	119	12.974	12.973	0.001	95	215747	20.0	21.0	
173 1,2-Dibromo-3-Chloropropane	75	13.504	13.504	0.000	85	46312	20.0	18.8	
175 1,3,5-Trichlorobenzene	180	13.632	13.632	0.000	97	173902	20.0	22.6	
176 1,2,4-Trichlorobenzene	180	14.065	14.071	-0.006	94	169878	20.0	22.2	
177 2-Ethylhexyl acrylate	55	14.150	14.150	0.000	83	149313	20.1	21.7	
178 Hexachlorobutadiene	225	14.156	14.156	0.000	93	67128	20.0	20.2	
179 Naphthalene	128	14.254	14.254	0.000	97	627022	20.0	21.2	
180 1,2,3-Trichlorobenzene	180	14.400	14.400	0.000	95	161816	20.0	21.8	
181 2-Methylnaphthalene	142	15.004	15.004	0.000	92	311970	20.0	24.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00233	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00242	Amount Added: 50.00	Units: uL	
MSV_LCS_EE_00011	Amount Added: 50.00	Units: uL	
MSV_LCS_CYC_00012	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00263	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00240	Amount Added: 50.00	Units: uL	
MSV_Q_Acr_Std_00012	Amount Added: 2.00	Units: uL	
MSV_Cent_ISSS_00041	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 12-Aug-2025 14:14:07

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X19.D

Injection Date: 11-Aug-2025 21:42:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: ICV

Worklist Smp#: 20

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

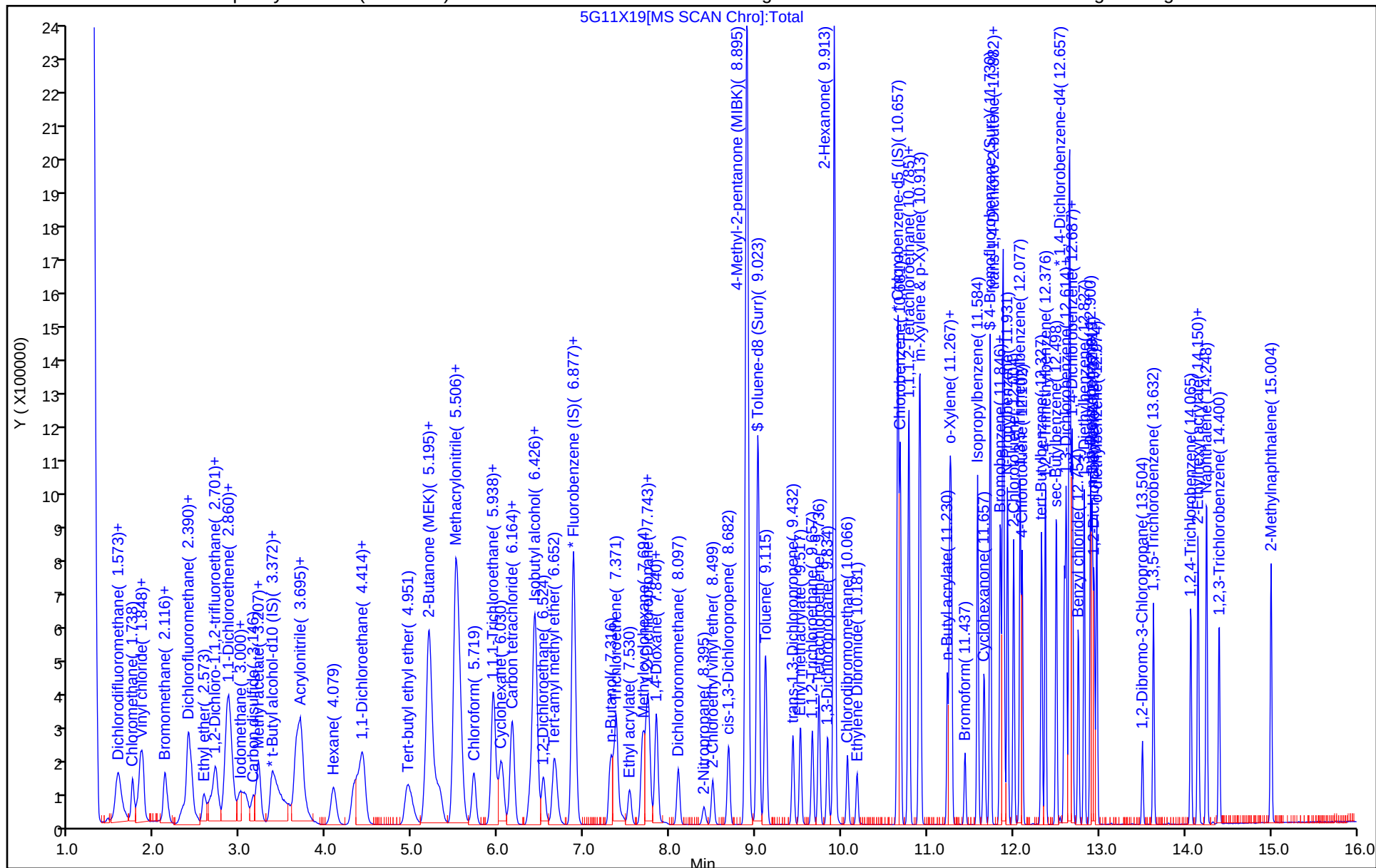
ALS Bottle#: 19

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

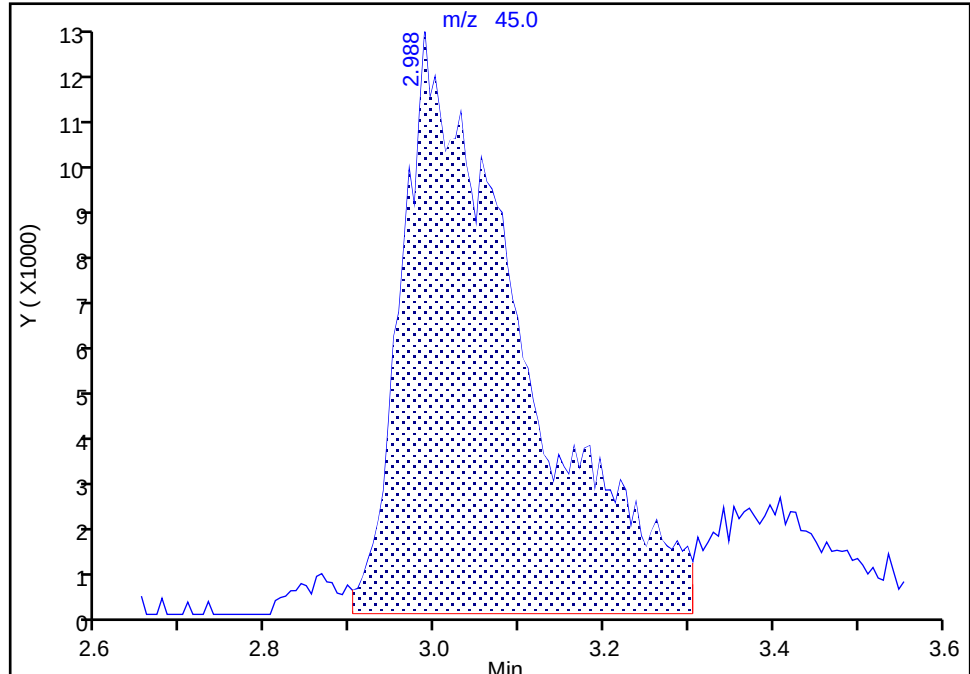
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Injection Date: 11-Aug-2025 21:42:30 Instrument ID: 26285
Lims ID: ICV
Client ID:
Operator ID: knk41612 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

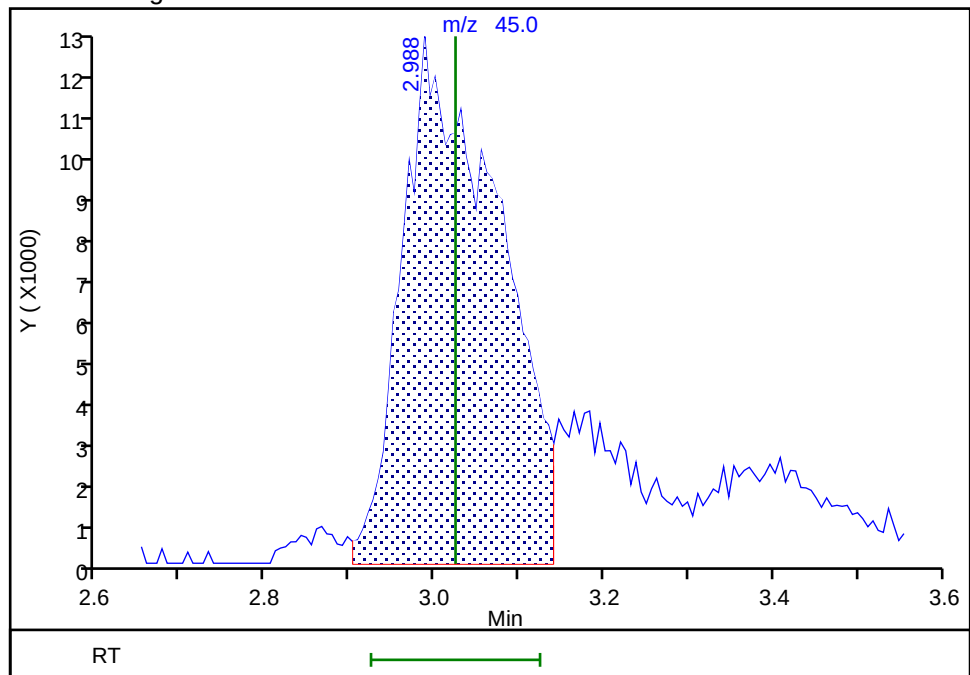
RT: 2.99
Area: 119296
Amount: 160.8215
Amount Units: ug/l

Processing Integration Results



RT: 2.99
Area: 96636
Amount: 130.2738
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:12:42 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

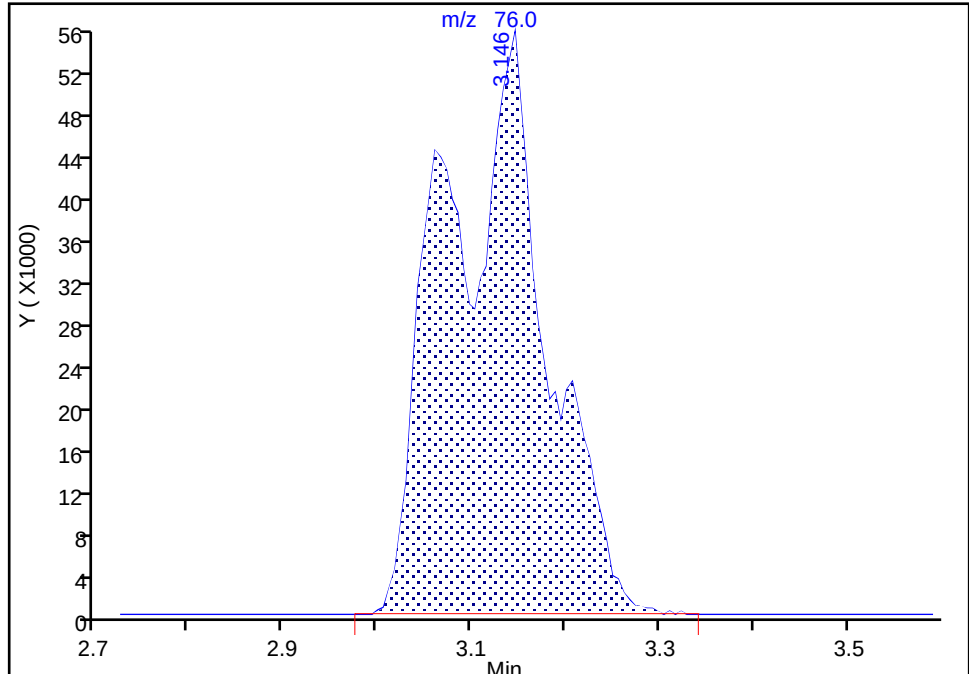
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Injection Date: 11-Aug-2025 21:42:30 Instrument ID: 26285
Lims ID: ICV
Client ID:
Operator ID: knk41612 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

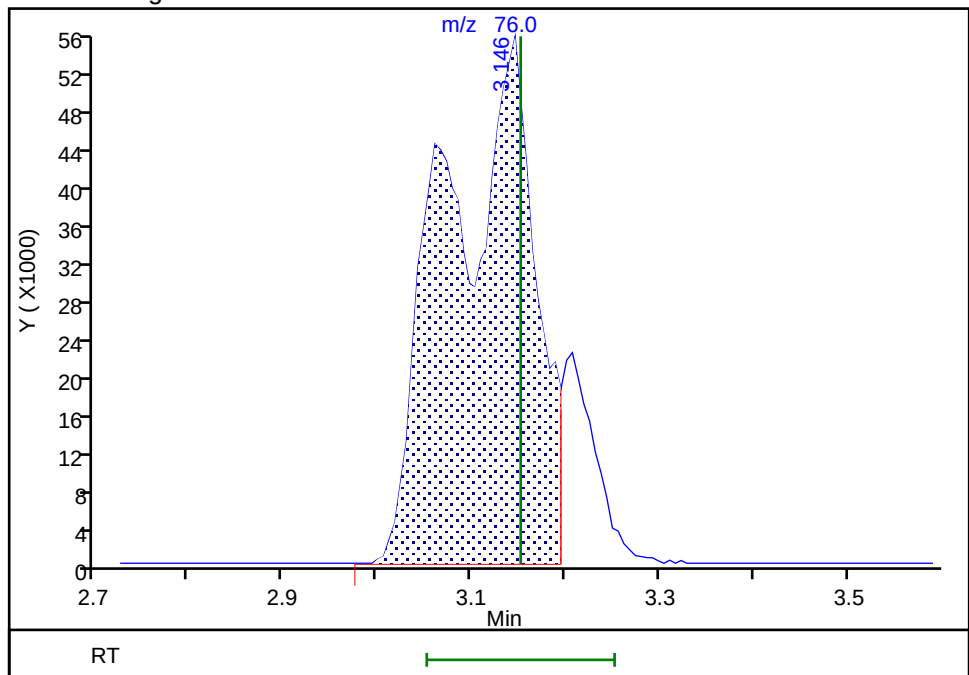
RT: 3.15
Area: 414505
Amount: 24.979172
Amount Units: ug/l

Processing Integration Results



RT: 3.15
Area: 364560
Amount: 22.447443
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:12:50 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.: _____

Lab Sample ID: CCVIS 410-712926/5

Calibration Date: 10/13/2025 10:22

Instrument ID: 26285

Calib Start Date: 08/11/2025 18:58

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 08/11/2025 21:01

Lab File ID: 5C13X04.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5275	0.5666	0.1000	53.7	50.0	7.0	20.0
Chloromethane	Ave	0.5015	0.4544	0.1000	45.3	50.0	-9.0	20.0
Vinyl chloride	Ave	0.4412	0.4058	0.1000	46.0	50.0	-8.0	20.0
1,3-Butadiene	Ave	0.4316	0.5020		58.2	50.0	16.0	20.0
Bromomethane	Ave	0.2920	0.2953	0.1000	50.6	50.0	1.0	20.0
Chloroethane	Ave	0.2122	0.2309	0.1000	54.4	50.0	9.0	20.0
Dichlorofluoromethane	Ave	0.6702	0.6998		52.2	50.0	4.0	20.0
Trichlorofluoromethane	Ave	0.5507	0.6277	0.1000	57.0	50.0	14.0	20.0
n-Pentane	Ave	0.3607	0.3601		49.9	50.0	0.0	20.0
Ethyl ether	Ave	0.1907	0.1815		47.6	50.0	-5.0	20.0
Freon 123a	Ave	0.3306	0.3694		55.9	50.0	12.0	20.0
Acrolein	Ave	1.248	1.548		605	488	24.0*	20.0
1,1-Dichloroethene	Ave	0.2183	0.2249	0.1000	51.5	50.0	3.0	20.0
Acetone	Ave	0.5656	0.6757	0.1000	119	100	19.0	20.0
Freon 113	Ave	0.2509	0.2562	0.1000	51.1	50.0	2.0	20.0
Methyl iodide	Ave	0.4794	0.4757		49.6	50.0	-1.0	20.0
2-Propanol	Ave	0.4992	0.4588		230	250	-8.0	20.0
Carbon disulfide	Ave	0.7736	0.7499	0.1000	48.5	50.0	-3.0	20.0
Methyl acetate	Ave	0.3245	0.3042	0.1000	46.9	50.0	-6.0	20.0
Allyl chloride	Ave	0.3808	0.3812		50.1	50.0	0.0	20.0
Methylene Chloride	Ave	0.2622	0.2640	0.1000	50.3	50.0	1.0	20.0
t-Butyl alcohol	Ave	0.9556	0.8560		224	250	-10.0	20.0
Acrylonitrile	Ave	0.1545	0.1573		127	125	2.0	20.0
trans-1,2-Dichloroethene	Ave	0.2412	0.2531	0.1000	52.5	50.0	5.0	20.0
Methyl tert-butyl ether	Ave	0.7762	0.7453	0.1000	48.0	50.0	-4.0	20.0
n-Hexane	Lin1		0.3129		54.3	50.0	9.0	20.0
1,1-Dichloroethane	Ave	0.4411	0.4591	0.2000	52.0	50.0	4.0	20.0
Isopropyl ether	Ave	0.7551	0.7284		48.2	50.0	-4.0	20.0
2-Chloro-1,3-butadiene	Ave	0.3822	0.3996		52.3	50.0	5.0	20.0
Ethyl t-butyl ether	Ave	0.7346	0.6552		44.6	50.0	-11.0	20.0
2-Butanone (MEK)	Ave	0.2394	0.2569	0.1000	107	100	7.0	20.0
cis-1,2-Dichloroethene	Ave	0.2681	0.2759	0.1000	51.5	50.0	3.0	20.0
2,2-Dichloropropane	Ave	0.3864	0.4258		55.1	50.0	10.0	20.0
Propionitrile	Ave	1.000	1.052		263	250	5.0	20.0
Methacrylonitrile	Ave	0.1506	0.1520		126	125	1.0	20.0
Bromochloromethane	Ave	0.1369	0.1480		54.0	50.0	8.0	20.0
Tetrahydrofuran	Ave	0.8996	0.9751		271	250	8.0	20.0
Chloroform	Ave	0.4548	0.4821	0.2000	53.0	50.0	6.0	20.0
1,1,1-Trichloroethane	Ave	0.3961	0.4361	0.1000	55.1	50.0	10.0	20.0
Cyclohexane	Ave	0.4052	0.4094	0.1000	50.5	50.0	1.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab Sample ID: CCVIS 410-712926/5

Calibration Date: 10/13/2025 10:22

Instrument ID: 26285

Calib Start Date: 08/11/2025 18:58

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 08/11/2025 21:01

Lab File ID: 5C13X04.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Dichloropropene	Ave	0.3400	0.3582		52.7	50.0	5.0	20.0
Carbon tetrachloride	Ave	0.3473	0.4015	0.1000	57.8	50.0	16.0	20.0
Isobutyl alcohol	Ave	0.3411	0.3653		669	625	7.0	20.0
Benzene	Ave	1.010	1.029	0.5000	50.9	50.0	2.0	20.0
1,2-Dichloroethane	Ave	0.3724	0.3903	0.1000	52.4	50.0	5.0	20.0
t-Amyl methyl ether	Ave	0.7278	0.6481		44.5	50.0	-11.0	20.0
n-Heptane	Linl		0.3324		60.3	50.0	21.0*	20.0
n-Butanol	Ave	0.2186	0.2374		679	625	9.0	20.0
Trichloroethene	Ave	0.2606	0.2739	0.2000	52.5	50.0	5.0	20.0
Methylcyclohexane	Linl		0.4418	0.1000	53.2	50.0	6.0	20.0
1,2-Dichloropropane	Ave	0.2531	0.2532	0.1000	50.0	50.0	0.0	20.0
t-Amyl ethyl ether	Ave	0.3449	0.3476		50.4	50.0	1.0	20.0
1,4-Dioxane	Ave	0.0592	0.0697	0.0050	736	625	18.0	20.0
Dibromomethane	Ave	0.1732	0.1794		51.8	50.0	4.0	20.0
Methyl methacrylate	Ave	0.2176	0.2095		48.1	50.0	-4.0	20.0
Bromodichloromethane	Ave	0.3353	0.3628	0.2000	54.1	50.0	8.0	20.0
2-Nitropropane	Ave	1.807	2.108		292	250	17.0	20.0
2-Chloroethyl vinyl ether	Ave	0.1837	0.1832		49.9	50.0	0.0	20.0
cis-1,3-Dichloropropene	Ave	0.3963	0.4034	0.2000	50.9	50.0	2.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4575	0.5227	0.1000	114	100	14.0	20.0
Toluene	Ave	0.8539	0.8994	0.4000	52.7	50.0	5.0	20.0
trans-1,3-Dichloropropene	Ave	0.5003	0.5145	0.1000	51.4	50.0	3.0	20.0
Ethyl methacrylate	Ave	0.4998	0.4827		48.3	50.0	-3.0	20.0
1,1,2-Trichloroethane	Ave	0.3109	0.3225	0.1000	51.9	50.0	4.0	20.0
Tetrachloroethene	Ave	0.3761	0.4498	0.2000	59.8	50.0	20.0	20.0
1,3-Dichloropropane	Ave	0.4830	0.4996		51.7	50.0	3.0	20.0
2-Hexanone	Ave	0.4449	0.5292	0.1000	119	100	19.0	20.0
Dibromochloromethane	Ave	0.3693	0.4126		55.9	50.0	12.0	20.0
1,2-Dibromoethane (EDB)	Ave	0.3320	0.3340	0.1000	50.3	50.0	1.0	20.0
1-Chlorohexane	Ave	0.3974	0.4459		56.1	50.0	12.0	20.0
Chlorobenzene	Ave	0.9399	1.021	0.5000	54.3	50.0	9.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3654	0.4139		56.6	50.0	13.0	20.0
Ethylbenzene	Ave	1.654	1.755	0.1000	53.0	50.0	6.0	20.0
m&p-Xylene	Ave	0.6321	0.7074	0.1000	112	100	12.0	20.0
o-Xylene	Ave	0.6469	0.7101	0.3000	54.9	50.0	10.0	20.0
Styrene	Ave	1.049	1.122	0.3000	53.5	50.0	7.0	20.0
Bromoform	Ave	0.2919	0.3201	0.1000	54.8	50.0	10.0	20.0
Isopropylbenzene	Ave	1.718	1.923	0.1000	56.0	50.0	12.0	20.0
1,1,2,2-Tetrachloroethane	Ave	1.009	0.9308	0.3000	46.1	50.0	-8.0	20.0
Bromobenzene	Ave	0.7507	0.7565		50.4	50.0	1.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.: _____

Lab Sample ID: CCVIS 410-712926/5

Calibration Date: 10/13/2025 10:22

Instrument ID: 26285

Calib Start Date: 08/11/2025 18:58

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 08/11/2025 21:01

Lab File ID: 5C13X04.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,4-Dichloro-2-butene	Ave	0.2970	0.1658		69.8	125	-44.0*	20.0
1,2,3-Trichloropropane	Ave	0.2893	0.2750		47.5	50.0	-5.0	20.0
N-Propylbenzene	Ave	3.406	3.548		52.1	50.0	4.0	20.0
2-Chlorotoluene	Ave	0.6870	0.7436		54.1	50.0	8.0	20.0
1,3,5-Trimethylbenzene	Ave	2.422	2.633		54.4	50.0	9.0	20.0
4-Chlorotoluene	Ave	0.6665	0.7157		53.7	50.0	7.0	20.0
tert-Butylbenzene	Ave	0.4197	0.5033		60.0	50.0	20.0	20.0
1,2,4-Trimethylbenzene	Ave	2.393	2.739		57.2	50.0	14.0	20.0
sec-Butylbenzene	Ave	2.803	3.342		59.6	50.0	19.0	20.0
1,3-Dichlorobenzene	Ave	1.297	1.458	0.6000	56.2	50.0	12.0	20.0
p-Isopropyltoluene	Ave	2.488	2.998		60.3	50.0	21.0*	20.0
1,4-Dichlorobenzene	Ave	1.329	1.467	0.5000	55.2	50.0	10.0	20.0
1,2,3-Trimethylbenzene	Ave	2.518	2.756		54.7	50.0	9.0	20.0
Benzyl chloride	Ave	1.880	1.896		50.4	50.0	1.0	20.0
1,3-Diethylbenzene	Ave	1.340	1.629		60.8	50.0	22.0*	20.0
1,4-Diethylbenzene	Ave	1.440	1.787		62.0	50.0	24.0*	20.0
n-Butylbenzene	Ave	1.136	1.423		62.6	50.0	25.0*	20.0
1,2-Dichlorobenzene	Ave	1.332	1.486	0.4000	55.8	50.0	12.0	20.0
1,2-Diethylbenzene	Ave	1.156	1.413		61.1	50.0	22.0*	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2785	0.2727	0.0500	49.0	50.0	-2.0	20.0
1,3,5-Trichlorobenzene	Ave	0.8689	1.178		67.8	50.0	36.0*	20.0
1,2,4-Trichlorobenzene	Ave	0.8621	1.063	0.2000	61.6	50.0	23.0*	20.0
Hexachlorobutadiene	Linl		0.5309		69.2	50.0	38.0*	20.0
Naphthalene	Ave	3.330	3.520		52.9	50.0	6.0	20.0
1,2,3-Trichlorobenzene	Ave	0.8370	1.049		62.7	50.0	25.0*	20.0
2-Methylnaphthalene	Ave	1.454	1.756		60.4	50.0	21.0*	20.0
Dibromofluoromethane (Surr)	Ave	0.2682	0.2753		51.3	50.0	3.0	
1,2-Dichloroethane-d4 (Surr)	Ave	0.0583	0.0618		53.0	50.0	6.0	
Toluene-d8 (Surr)	Ave	1.322	1.367		51.7	50.0	3.0	
4-Bromofluorobenzene (Surr)	Ave	0.4848	0.4775		49.2	50.0	-2.0	

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X04.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 13-Oct-2025 10:22:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162928-005
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub53
 Method: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 13-Oct-2025 13:31:01 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1625

First Level Reviewer: DVW2

Date: 13-Oct-2025 11:00:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.604	1.604	0.000	99	673242	50.0	53.7	
5 Chloromethane	50	1.756	1.756	0.000	99	539945	50.0	45.3	
6 Vinyl chloride	62	1.823	1.823	0.000	72	482209	50.0	46.0	
7 Butadiene	39	1.835	1.835	0.000	96	596540	50.0	58.2	
10 Bromomethane	94	2.104	2.104	0.000	92	350857	50.0	50.6	
11 Chloroethane	64	2.177	2.177	0.000	99	274353	50.0	54.4	
12 Dichlorofluoromethane	67	2.378	2.378	0.000	97	831523	50.0	52.2	
14 Trichlorofluoromethane	101	2.427	2.427	0.000	85	745890	50.0	57.0	
13 Pentane	43	2.439	2.439	0.000	93	427899	50.0	49.9	
16 Ethyl ether	59	2.616	2.616	0.000	95	215717	50.0	47.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	2.713	2.713	0.000	93	438912	50.0	55.9	
18 Acrolein	56	2.762	2.762	0.000	98	1142876	487.9	605.0	
19 1,1-Dichloroethene	96	2.878	2.878	0.000	98	267245	50.0	51.5	
20 Acetone	58	2.914	2.914	0.000	98	102275	100.0	119.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.921	2.921	0.000	92	304492	50.0	51.1	
22 Iodomethane	142	3.061	3.061	0.000	99	565242	50.0	49.6	
23 Isopropyl alcohol	45	3.085	3.085	0.000	46	173595	250.0	229.7	
24 Carbon disulfide	76	3.134	3.134	0.000	99	891051	50.0	48.5	M
26 Methyl acetate	43	3.256	3.256	0.000	98	361462	50.0	46.9	
28 3-Chloro-1-propene	41	3.268	3.268	0.000	84	452978	50.0	50.1	
29 Methylene Chloride	84	3.439	3.439	0.000	95	313731	50.0	50.3	
* 30 t-Butyl alcohol-d10 (IS)	65	3.439	3.439	0.000	76	378408	250.0	250.0	
31 2-Methyl-2-propanol	59	3.567	3.567	0.000	99	323912	250.0	223.9	
32 Acrylonitrile	53	3.713	3.713	0.000	97	467157	125.0	127.2	
33 trans-1,2-Dichloroethene	96	3.774	3.774	0.000	98	300715	50.0	52.5	
34 Methyl tert-butyl ether	73	3.780	3.780	0.000	97	885613	50.0	48.0	
35 Hexane	57	4.164	4.164	0.000	94	371792	50.0	54.3	
37 1,1-Dichloroethane	63	4.396	4.396	0.000	96	545576	50.0	52.0	
38 Isopropyl ether	45	4.463	4.463	0.000	95	865593	50.0	48.2	
40 2-Chloro-1,3-butadiene	53	4.512	4.512	0.000	94	474820	50.0	52.3	
41 Tert-butyl ethyl ether	59	5.036	5.036	0.000	98	778523	50.0	44.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2-Butanone (MEK)	43	5.255	5.255	0.000	93	610530	100.0	107.3	
43 cis-1,2-Dichloroethene	96	5.268	5.268	0.000	85	327891	50.0	51.5	
44 2,2-Dichloropropane	77	5.280	5.280	0.000	89	505979	50.0	55.1	
46 Propionitrile	54	5.353	5.353	0.000	98	398063	250.0	263.0	
48 Methacrylonitrile	67	5.566	5.566	0.000	97	451504	125.0	126.2	
49 Chlorobromomethane	128	5.609	5.609	0.000	96	175894	50.0	54.0	
50 Tetrahydrofuran	71	5.615	5.615	0.000	90	369003	250.0	271.0	
51 Chloroform	83	5.774	5.774	0.000	94	572891	50.0	53.0	
\$ 53 Dibromofluoromethane (Surr)	113	5.999	5.999	0.000	93	327186	50.0	51.3	
52 1,1,1-Trichloroethane	97	6.005	6.005	0.000	98	518229	50.0	55.1	
54 Cyclohexane	56	6.091	6.091	0.000	93	486442	50.0	50.5	
56 Carbon tetrachloride	117	6.213	6.213	0.000	83	477074	50.0	57.8	
57 1,1-Dichloropropene	75	6.213	6.213	0.000	92	425602	50.0	52.7	
58 Isobutyl alcohol	41	6.432	6.432	0.000	91	345577	625.0	669.3	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.463	6.463	0.000	95	73393	50.0	53.0	
60 Benzene	78	6.487	6.487	0.000	98	1222369	50.0	50.9	
61 1,2-Dichloroethane	62	6.566	6.566	0.000	98	463814	50.0	52.4	
63 Tert-amyl methyl ether	73	6.700	6.700	0.000	96	770152	50.0	44.5	
* 64 Fluorobenzene (IS)	96	6.908	6.908	0.000	98	1188289	50.0	50.0	
65 n-Heptane	43	6.938	6.938	0.000	92	395003	50.0	60.3	
66 n-Butanol	56	7.340	7.340	0.000	94	224591	625.0	678.9	
67 Trichloroethene	95	7.408	7.408	0.000	97	325461	50.0	52.5	
69 Methylcyclohexane	83	7.706	7.706	0.000	93	524998	50.0	53.2	
70 1,2-Dichloropropane	63	7.743	7.743	0.000	94	300885	50.0	50.0	
71 2-ethoxy-2-methyl butane	87	7.773	7.773	0.000	91	413104	50.0	50.4	
73 1,4-Dioxane	88	7.840	7.840	0.000	34	65933	625.0	735.6	M
74 Dibromomethane	93	7.859	7.859	0.000	95	213179	50.0	51.8	
75 Methyl methacrylate	69	7.865	7.865	0.000	92	248965	50.0	48.1	
77 Dichlorobromomethane	83	8.115	8.115	0.000	99	431117	50.0	54.1	
78 2-Nitropropane	41	8.401	8.401	0.000	99	797834	250.0	291.8	
80 2-Chloroethyl vinyl ether	63	8.505	8.505	0.000	94	217704	50.0	49.9	
81 cis-1,3-Dichloropropene	75	8.688	8.688	0.000	93	479369	50.0	50.9	
82 4-Methyl-2-pentanone (MIBK)	43	8.889	8.889	0.000	98	1242350	100.0	114.3	
\$ 84 Toluene-d8 (Surr)	98	9.023	9.023	0.000	94	1146872	50.0	51.7	
86 Toluene	92	9.108	9.108	0.000	97	754299	50.0	52.7	
87 trans-1,3-Dichloropropene	75	9.419	9.419	0.000	96	431475	50.0	51.4	
88 Ethyl methacrylate	69	9.499	9.499	0.000	90	404841	50.0	48.3	
89 1,1,2-Trichloroethane	97	9.639	9.639	0.000	92	270501	50.0	51.9	
90 Tetrachloroethene	166	9.718	9.718	0.000	98	377222	50.0	59.8	
91 1,3-Dichloropropane	76	9.809	9.809	0.000	95	419041	50.0	51.7	
93 2-Hexanone	43	9.889	9.889	0.000	98	887762	100.0	119.0	
102 Chlorodibromomethane	129	10.041	10.041	0.000	90	346009	50.0	55.9	
104 Ethylene Dibromide	107	10.151	10.151	0.000	99	280123	50.0	50.3	
* 112 Chlorobenzene-d5 (IS)	117	10.620	10.620	0.000	85	838703	50.0	50.0	
114 Chlorobenzene	112	10.645	10.645	0.000	93	856572	50.0	54.3	
115 1-Chlorohexane	91	10.645	10.645	0.000	70	373941	50.0	56.1	
133 1,1,1,2-Tetrachloroethane	131	10.736	10.736	0.000	94	347128	50.0	56.6	
134 Ethylbenzene	91	10.742	10.742	0.000	99	1471698	50.0	53.0	
135 m-Xylene & p-Xylene	106	10.870	10.870	0.000	99	1186623	100.0	111.9	
138 o-Xylene	106	11.212	11.212	0.000	97	595589	50.0	54.9	
139 Styrene	104	11.230	11.230	0.000	95	941026	50.0	53.5	
141 Bromoform	173	11.382	11.382	0.000	97	268463	50.0	54.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
142 Isopropylbenzene	105	11.529	11.529	0.000	96	1613162	50.0	56.0	
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	95	400450	50.0	49.2	
147 Bromobenzene	156	11.791	11.791	0.000	96	393853	50.0	50.4	
148 1,1,2,2-Tetrachloroethane	83	11.791	11.791	0.000	95	484626	50.0	46.1	
149 trans-1,4-Dichloro-2-butene	53	11.815	11.815	0.000	90	215778	125.0	69.8	
150 1,2,3-Trichloropropane	110	11.833	11.833	0.000	85	143205	50.0	47.5	
151 N-Propylbenzene	91	11.870	11.870	0.000	99	1847241	50.0	52.1	
152 2-Chlorotoluene	126	11.943	11.943	0.000	96	387184	50.0	54.1	
153 1,3,5-Trimethylbenzene	105	12.016	12.016	0.000	94	1370957	50.0	54.4	
154 4-Chlorotoluene	126	12.041	12.041	0.000	98	372636	50.0	53.7	
156 tert-Butylbenzene	134	12.260	12.260	0.000	93	262072	50.0	60.0	
158 1,2,4-Trimethylbenzene	105	12.309	12.309	0.000	98	1426030	50.0	57.2	
160 sec-Butylbenzene	105	12.431	12.431	0.000	95	1740082	50.0	59.6	
161 1,3-Dichlorobenzene	146	12.528	12.528	0.000	99	759087	50.0	56.2	
162 4-Isopropyltoluene	119	12.547	12.547	0.000	97	1561050	50.0	60.3	
* 165 1,4-Dichlorobenzene-d4	152	12.583	12.583	0.000	94	520658	50.0	50.0	
166 1,4-Dichlorobenzene	146	12.602	12.602	0.000	95	764000	50.0	55.2	
167 1,2,3-Trimethylbenzene	105	12.620	12.620	0.000	98	1435193	50.0	54.7	
168 Benzyl chloride	91	12.687	12.687	0.000	99	987231	50.0	50.4	
169 1,3-Diethylbenzene	119	12.754	12.754	0.000	95	848288	50.0	60.8	
170 p-Diethylbenzene	119	12.827	12.827	0.000	94	930168	50.0	62.0	
171 n-Butylbenzene	92	12.845	12.845	0.000	98	740880	50.0	62.6	
172 1,2-Dichlorobenzene	146	12.870	12.870	0.000	99	773442	50.0	55.8	
173 o-diethylbenzene	119	12.894	12.894	0.000	96	735948	50.0	61.1	
175 1,2-Dibromo-3-Chloropropane	75	13.419	13.419	0.000	85	141990	50.0	49.0	
177 1,3,5-Trichlorobenzene	180	13.553	13.553	0.000	98	613278	50.0	67.8	
178 1,2,4-Trichlorobenzene	180	13.979	13.979	0.000	94	553384	50.0	61.6	
180 Hexachlorobutadiene	225	14.065	14.065	0.000	95	276410	50.0	69.2	
181 Naphthalene	128	14.162	14.162	0.000	97	1832599	50.0	52.9	
182 1,2,3-Trichlorobenzene	180	14.309	14.309	0.000	95	546215	50.0	62.7	
183 2-Methylnaphthalene	142	14.900	14.900	0.000	92	914194	50.0	60.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00257	Amount Added: 5.00	Units: uL	
MSV_CCV_2CEVE_00250	Amount Added: 5.00	Units: uL	
MSV_CCV_GASES_01146	Amount Added: 2.50	Units: uL	
MSV_CCV_VOC#3_00259	Amount Added: 4.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 5.00	Units: uL	
MSV_Cent_ISSS_00043	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 13-Oct-2025 13:31:02

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X04.D

Injection Date: 13-Oct-2025 10:22:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: CCVIS

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

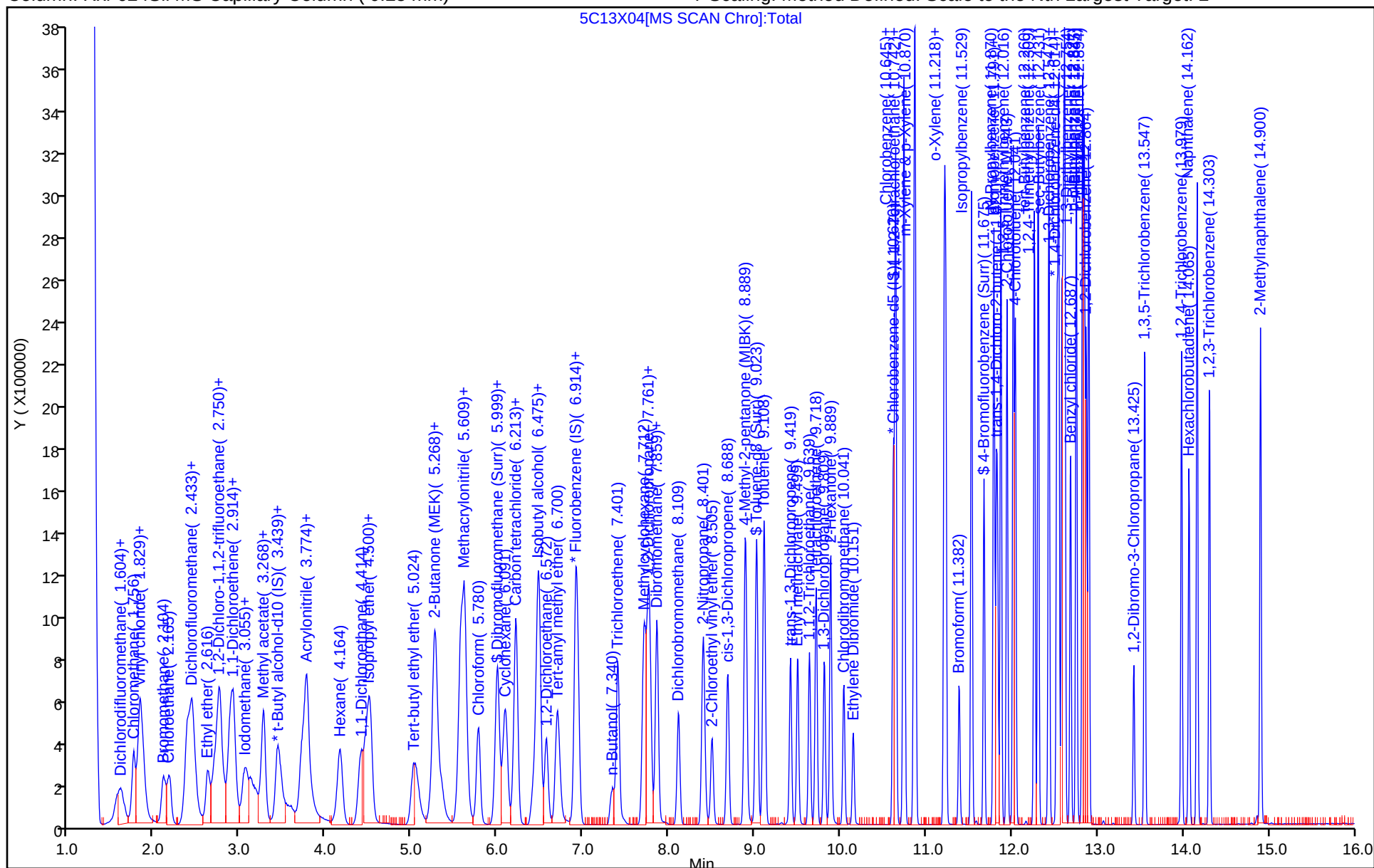
ALS Bottle#: 4

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

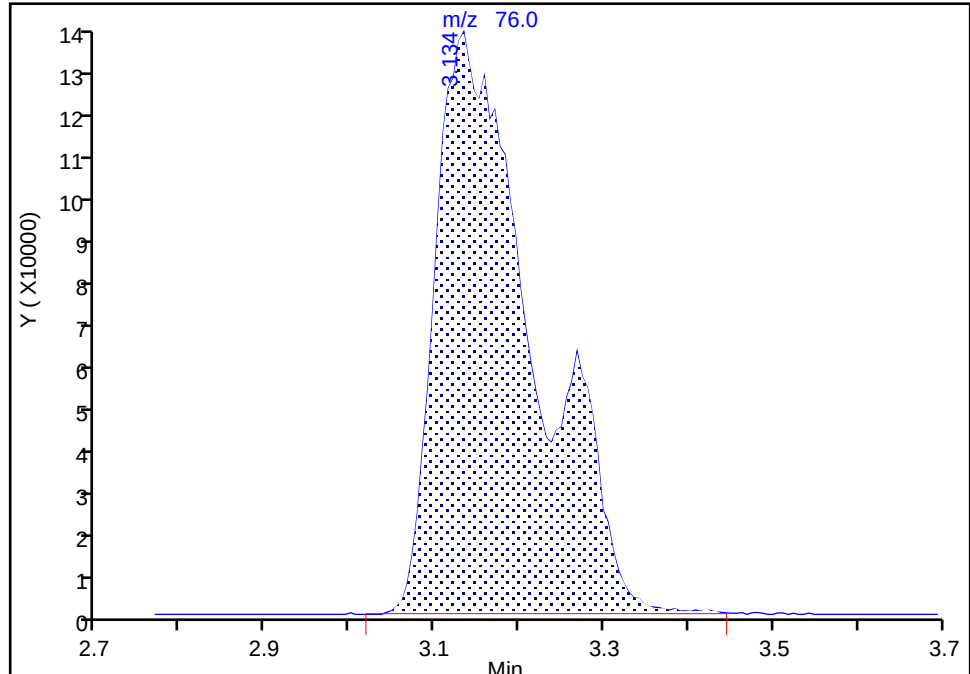
Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X04.D
Injection Date: 13-Oct-2025 10:22:30 Instrument ID: 26285
Lims ID: CCVIS
Client ID:
Operator ID: knk41612 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

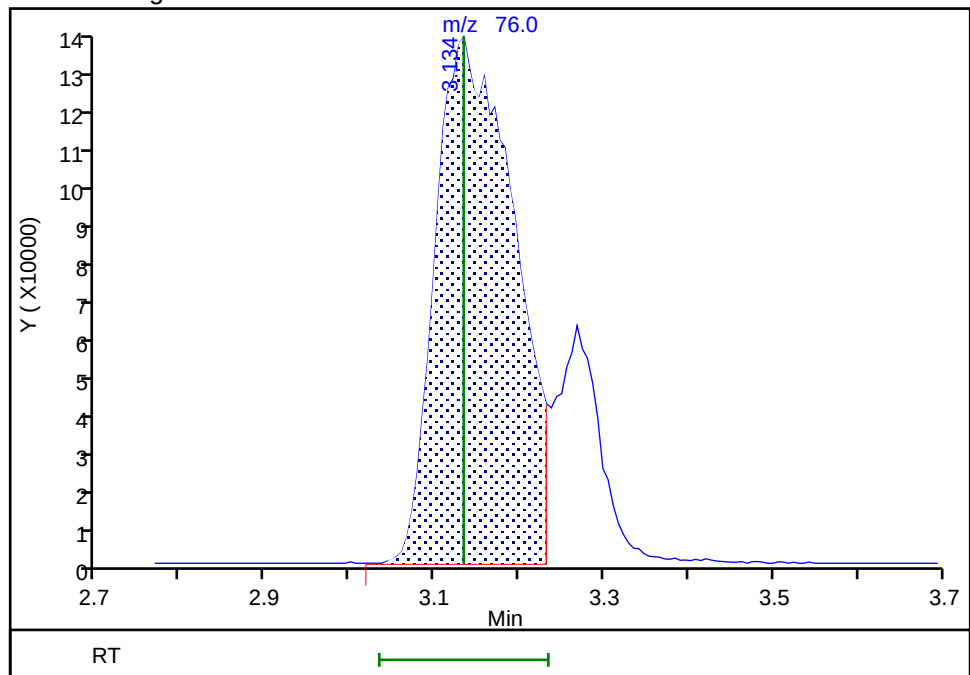
RT: 3.13
Area: 1111305
Amount: 60.444743
Amount Units: ug/l

Processing Integration Results



RT: 3.13
Area: 891051
Amount: 48.464956
Amount Units: ug/l

Manual Integration Results



Reviewer: DVW2, 13-Oct-2025 10:46:45 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

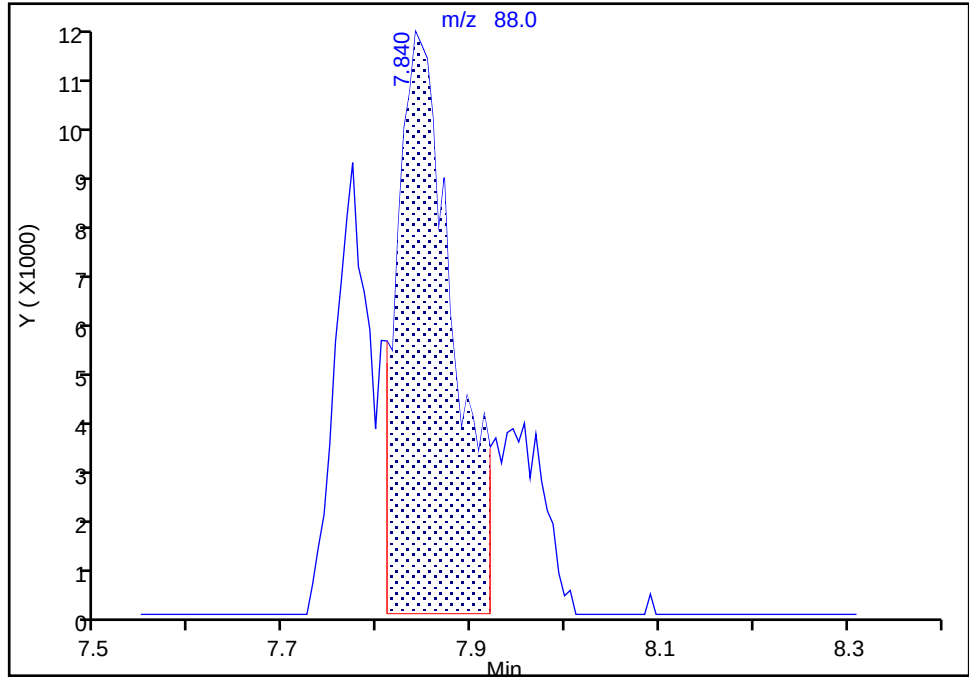
Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X04.D
Injection Date: 13-Oct-2025 10:22:30 Instrument ID: 26285
Lims ID: CCVIS
Client ID:
Operator ID: knk41612 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

73 1,4-Dioxane, CAS: 123-91-1

Signal: 1

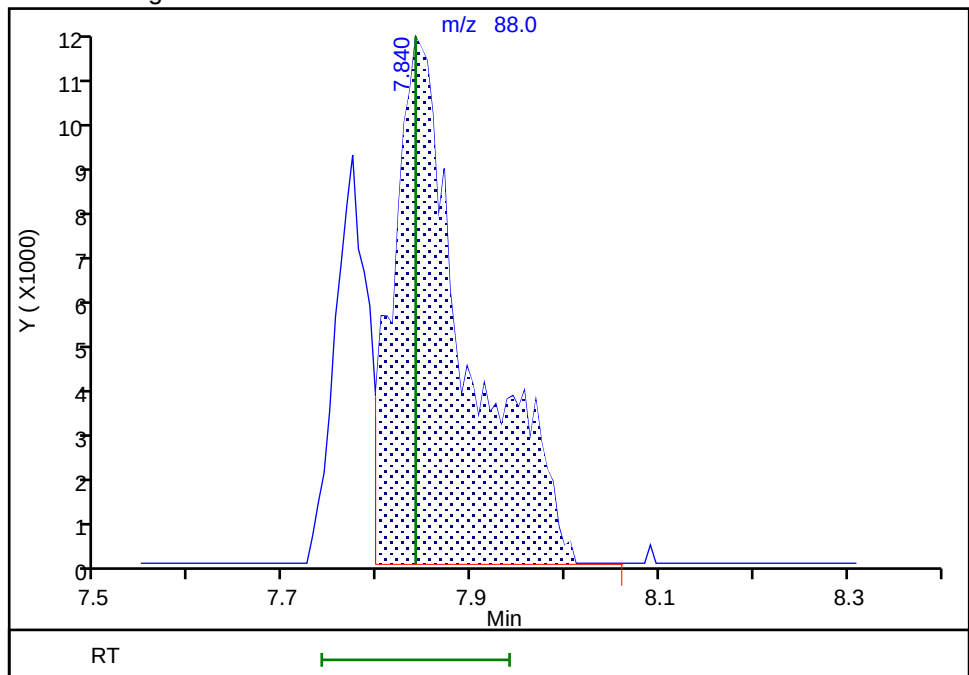
RT: 7.84
Area: 49259
Amount: 549.5840
Amount Units: ug/l

Processing Integration Results



RT: 7.84
Area: 65933
Amount: 735.6163
Amount Units: ug/l

Manual Integration Results



Reviewer: DVW2, 13-Oct-2025 10:46:59 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab Sample ID: ICV 410-702728/20

Calibration Date: 09/22/2025 20:50

Instrument ID: 7159

Calib Start Date: 09/22/2025 18:51

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 09/22/2025 22:59

Lab File ID: NS22X20.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.8281	0.7447	0.1000	18.0	20.0	-10.0	30.0
Chloromethane	Ave	0.5940	0.5938	0.1000	20.0	20.0	0.0	30.0
1,3-Butadiene	Ave	0.3836	0.4572		23.8	20.0	19.0	30.0
Vinyl chloride	Ave	0.6001	0.6332	0.1000	21.1	20.0	6.0	30.0
Bromomethane	Ave	0.4664	0.5030	0.1000	21.6	20.0	8.0	30.0
Chloroethane	Ave	0.2758	0.3052	0.1000	22.1	20.0	11.0	30.0
Dichlorofluoromethane	Ave	0.7864	0.8961		22.8	20.0	14.0	30.0
Trichlorofluoromethane	Ave	0.8027	0.8664	0.1000	21.6	20.0	8.0	30.0
n-Pentane	Ave	0.3717	0.3689		19.8	20.0	-1.0	30.0
Ethanol	Ave	0.0690	0.0805		1170	1000	17.0	30.0
Freon 123a	Ave	0.3586	0.3944		22.0	20.0	10.0	30.0
Acrolein	Ave	1.139	0.9557		123	146	-16.0	30.0
1,1-Dichloroethene	Ave	0.2761	0.2944	0.1000	21.3	20.0	7.0	30.0
Freon 113	Ave	0.3994	0.4151	0.1000	20.8	20.0	4.0	30.0
Acetone	Ave	0.5758	0.4866	0.1000	211	250	-15.0	30.0
Methyl iodide	Ave	0.6594	0.6472		19.6	20.0	-2.0	30.0
2-Propanol	Ave	0.7226	0.6780		141	150	-6.0	30.0
Carbon disulfide	Ave	0.9226	0.9116	0.1000	19.8	20.0	-1.0	30.0
Methyl acetate	Ave	0.2081	0.1806	0.1000	17.4	20.0	-13.0	30.0
Allyl chloride	Ave	0.3222	0.3092		19.2	20.0	-4.0	30.0
Methylene Chloride	Ave	0.3018	0.3127	0.1000	20.7	20.0	4.0	30.0
t-Butyl alcohol	Ave	1.056	1.064		202	200	1.0	30.0
Acrylonitrile	Ave	0.1163	0.1090		93.7	100	-6.0	30.0
Methyl tert-butyl ether	Ave	0.9435	0.9406	0.1000	19.9	20.0	0.0	30.0
trans-1,2-Dichloroethene	Ave	0.3079	0.3049	0.1000	19.8	20.0	-1.0	30.0
n-Hexane	Ave	0.3476	0.3699		21.3	20.0	6.0	30.0
1,1-Dichloroethane	Ave	0.4652	0.4743	0.2000	20.4	20.0	2.0	30.0
Isopropyl ether	Ave	0.7511	0.7456		19.9	20.0	-1.0	30.0
2-Chloro-1,3-butadiene	Ave	0.3894	0.3896		20.0	20.0	0.0	30.0
Ethyl t-butyl ether	Ave	0.8356	0.8278		19.8	20.0	-1.0	30.0
2-Butanone (MEK)	Ave	0.1493	0.1412	0.1000	237	250	-5.0	30.0
cis-1,2-Dichloroethene	Ave	0.3535	0.3512	0.1000	19.9	20.0	-1.0	30.0
2,2-Dichloropropane	Ave	0.5222	0.5393		20.7	20.0	3.0	30.0
Propionitrile	Ave	0.9124	0.7795		128	150	-15.0	30.0
Methyl acrylate	Ave	0.3102	0.2513		16.2	20.0	-19.0	30.0
Methacrylonitrile	Ave	0.1268	0.1256		149	150	-1.0	30.0
Bromochloromethane	Ave	0.1928	0.1936		20.1	20.0	0.0	30.0
Tetrahydrofuran	Ave	0.8468	0.7279		86.0	100	-14.0	30.0
Chloroform	Ave	0.5770	0.5547	0.2000	19.2	20.0	-4.0	30.0
1,1,1-Trichloroethane	Ave	0.5912	0.6168	0.1000	20.9	20.0	4.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.: _____

Lab Sample ID: ICV 410-702728/20

Calibration Date: 09/22/2025 20:50

Instrument ID: 7159

Calib Start Date: 09/22/2025 18:51

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 09/22/2025 22:59

Lab File ID: NS22X20.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Cyclohexane	Ave	0.5041	0.5334	0.1000	21.2	20.0	6.0	30.0
Carbon tetrachloride	Ave	0.5535	0.5813	0.1000	21.0	20.0	5.0	30.0
1,1-Dichloropropene	Ave	0.3827	0.3865		20.2	20.0	1.0	30.0
Isobutyl alcohol	Ave	0.2916	0.2460		422	500	-16.0	30.0
Benzene	Ave	1.137	1.139	0.5000	20.0	20.0	0.0	30.0
1,2-Dichloroethane	Ave	0.3698	0.3647	0.1000	19.7	20.0	-1.0	30.0
t-Amyl methyl ether	Ave	0.8448	0.8461		20.0	20.0	0.0	30.0
n-Heptane	Ave	0.2923	0.3003		20.5	20.0	3.0	30.0
n-Butanol	Ave	0.2228	0.2113		948	1000	-5.0	30.0
Trichloroethene	Ave	0.3361	0.3320	0.2000	19.8	20.0	-1.0	30.0
Ethyl acrylate	Ave	0.3579	0.2514		14.0	20.0	-30.0	30.0
Methylcyclohexane	Ave	0.6043	0.6302	0.1000	20.9	20.0	4.0	30.0
t-Amyl ethyl ether	Ave	0.4562	0.4486		19.7	20.0	-2.0	30.0
1,2-Dichloropropane	Ave	0.2682	0.2571	0.1000	19.2	20.0	-4.0	30.0
Methyl methacrylate	Ave	0.2089	0.1973		18.9	20.0	-6.0	30.0
1,4-Dioxane	Ave	0.0770	0.0842	0.0050	547	500	9.0	30.0
Dibromomethane	Ave	0.1990	0.1960		19.7	20.0	-2.0	30.0
Bromodichloromethane	Ave	0.3971	0.3825	0.2000	19.3	20.0	-4.0	30.0
2-Nitropropane	Ave	1.455	1.096		15.1	20.0	-25.0	30.0
2-Chloroethyl vinyl ether	Ave	0.1710	0.1564		18.3	20.0	-9.0	30.0
cis-1,3-Dichloropropene	Ave	0.4235	0.4024	0.2000	19.0	20.0	-5.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3355	0.3156	0.1000	235	250	-6.0	30.0
Toluene	Ave	0.9496	0.9398	0.4000	19.8	20.0	-1.0	30.0
trans-1,3-Dichloropropene	Ave	0.4794	0.4670	0.1000	19.5	20.0	-3.0	30.0
Ethyl methacrylate	Ave	0.4517	0.4551		20.1	20.0	1.0	30.0
1,1,2-Trichloroethane	Ave	0.3346	0.3263	0.1000	19.5	20.0	-2.0	30.0
Tetrachloroethene	Ave	0.5332	0.5541	0.2000	20.8	20.0	4.0	30.0
1,3-Dichloropropane	Ave	0.5015	0.4900		19.5	20.0	-2.0	30.0
2-Hexanone	Ave	0.2815	0.2735	0.1000	243	250	-3.0	30.0
Dibromochloromethane	Ave	0.4355	0.4196		19.3	20.0	-4.0	30.0
1,2-Dibromoethane (EDB)	Ave	0.3600	0.3541	0.1000	19.7	20.0	-2.0	30.0
1-Chlorohexane	Ave	0.5387	0.5603		20.8	20.0	4.0	30.0
Chlorobenzene	Ave	1.126	1.121	0.5000	19.9	20.0	0.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4974	0.5101		20.5	20.0	3.0	30.0
Ethylbenzene	Ave	1.884	1.932	0.1000	20.5	20.0	3.0	30.0
m&p-Xylene	Ave	0.7479	0.7838	0.1000	41.9	40.0	5.0	30.0
n-Butyl acrylate	Ave	0.6293	0.4692		14.9	20.0	-25.0	30.0
o-Xylene	Ave	0.7798	0.8112	0.3000	20.8	20.0	4.0	30.0
Styrene	Ave	1.186	1.223	0.3000	20.6	20.0	3.0	30.0
Bromoform	Ave	0.3248	0.3367	0.1000	20.7	20.0	4.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab Sample ID: ICV 410-702728/20

Calibration Date: 09/22/2025 20:50

Instrument ID: 7159

Calib Start Date: 09/22/2025 18:51

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 09/22/2025 22:59

Lab File ID: NS22X20.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropylbenzene	Ave	2.154	2.343	0.1000	21.8	20.0	9.0	30.0
Cyclohexanone	Ave	0.2647	0.2665		503	500	1.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8783	0.8399	0.3000	19.1	20.0	-4.0	30.0
Bromobenzene	Ave	0.9202	0.8876		19.3	20.0	-4.0	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2197	0.2135		97.2	100	-3.0	30.0
1,2,3-Trichloropropane	Ave	0.3000	0.2882		19.2	20.0	-4.0	30.0
N-Propylbenzene	Ave	3.866	3.995		20.7	20.0	3.0	30.0
2-Chlorotoluene	Ave	0.8804	0.8896		20.2	20.0	1.0	30.0
1,3,5-Trimethylbenzene	Ave	3.048	3.179		20.9	20.0	4.0	30.0
4-Chlorotoluene	Ave	0.8437	0.8322		19.7	20.0	-1.0	30.0
tert-Butylbenzene	Ave	0.6759	0.6822		20.2	20.0	1.0	30.0
1,2,4-Trimethylbenzene	Ave	3.108	3.125		20.1	20.0	1.0	30.0
sec-Butylbenzene	Ave	3.856	4.009		20.8	20.0	4.0	30.0
1,3-Dichlorobenzene	Ave	1.727	1.739	0.6000	20.1	20.0	1.0	30.0
p-Isopropyltoluene	Ave	3.472	3.524		20.3	20.0	2.0	30.0
1,4-Dichlorobenzene	Ave	1.722	1.723	0.5000	20.0	20.0	0.0	30.0
1,2,3-Trimethylbenzene	Ave	3.155	3.228		20.5	20.0	2.0	30.0
Benzyl chloride	Ave	1.564	1.554		19.9	20.0	-1.0	30.0
1,3-Diethylbenzene	Ave	1.907	2.024		21.2	20.0	6.0	30.0
1,4-Diethylbenzene	Ave	1.997	2.089		20.9	20.0	5.0	30.0
n-Butylbenzene	Ave	1.487	1.531		20.6	20.0	3.0	30.0
1,2-Dichlorobenzene	Ave	1.719	1.754	0.4000	20.4	20.0	2.0	30.0
1,2-Diethylbenzene	Ave	1.709	1.733		20.3	20.0	1.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2363	0.2114	0.0500	17.9	20.0	-11.0	30.0
1,3,5-Trichlorobenzene	Ave	1.419	1.468		20.7	20.0	3.0	30.0
1,2,4-Trichlorobenzene	Ave	1.320	1.383	0.2000	21.0	20.0	5.0	30.0
2-Ethylhexyl acrylate	Ave	1.034	0.7532		14.6	20.1	-27.0	30.0
Hexachlorobutadiene	Ave	0.5471	0.5490		20.1	20.0	0.0	30.0
Naphthalene	Ave	3.922	4.077		20.8	20.0	4.0	30.0
1,2,3-Trichlorobenzene	Ave	1.352	1.350		20.0	20.0	0.0	30.0
2-Methylnaphthalene	Ave	2.297	2.562		22.3	20.0	12.0	30.0
Dibromofluoromethane (Surr)	Ave	0.2842	0.2850		50.1	50.0	0.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0641	0.0650		50.8	50.0	2.0	30.0
Toluene-d8 (Surr)	Ave	1.228	1.238		50.4	50.0	1.0	30.0
4-Bromofluorobenzene (Surr)	Ave	0.4638	0.4846		52.2	50.0	4.0	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X20.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 22-Sep-2025 20:50:21 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-020
 Misc. Info.: ICV
 Operator ID: kas02648 Instrument ID: 7159
 Sublist:
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:36:35 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: JS6E

Date: 23-Sep-2025 04:27:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.984					ND	
2 Dichlorodifluoromethane	85	2.032	2.025	0.007	99	309003	20.0	18.0	
3 Chlorodifluoromethane	51		2.041					ND	7
4 Chloromethane	50	2.234	2.231	0.003	99	246409	20.0	20.0	
5 Butadiene	39	2.350	2.350	0.000	89	189729	20.0	23.8	
6 Vinyl chloride	62	2.363	2.363	0.000	98	262767	20.0	21.1	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.443					ND	7
8 Bromomethane	94	2.717	2.704	0.013	91	208717	20.0	21.6	
9 Chloroethane	64	2.804	2.810	-0.006	99	126649	20.0	22.1	
10 Dichlorofluoromethane	67	3.074	3.074	0.000	96	371846	20.0	22.8	
11 Trichlorofluoromethane	101	3.138	3.141	-0.003	98	359497	20.0	21.6	
12 Pentane	43	3.183	3.176	0.007	96	153071	20.0	19.8	
13 Ethanol	45	3.273	3.328	-0.055	29	109205	1000.0	1167.1	M
15 1,2-Dichloro-1,1,2-trifluoroethane	67	3.514	3.511	0.003	84	163639	20.0	22.0	
16 Acrolein	56	3.614	3.607	0.007	99	189678	146.3	122.8	
17 1,1-Dichloroethene	96	3.755	3.752	0.003	94	122158	20.0	21.3	
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.794	3.791	0.003	80	172242	20.0	20.8	
19 Acetone	58	3.804	3.794	0.010	100	165004	250.0	211.3	
20 Iodomethane	142	3.961	3.964	-0.003	99	268552	20.0	19.6	
21 Isopropyl alcohol	45	3.993	3.984	0.009	50	137936	150.0	140.7	
22 Carbon disulfide	76	4.070	4.070	0.000	99	378258	20.0	19.8	
24 Methyl acetate	43	4.267	4.254	0.013	95	74946	20.0	17.4	
25 3-Chloro-1-propene	41	4.289	4.283	0.006	90	128311	20.0	19.2	
26 Methylene Chloride	84	4.492	4.485	0.007	80	129741	20.0	20.7	M
* 27 t-Butyl alcohol-d10 (IS)	65	4.517	4.533	-0.016	94	339065	250.0	250.0	
28 2-Methyl-2-propanol	59	4.649	4.665	-0.016	99	288680	200.0	201.5	
29 Acrylonitrile	53	4.865	4.861	0.004	99	226065	100.0	93.7	
32 Methyl tert-butyl ether	73	4.913	4.910	0.003	93	390292	20.0	19.9	
31 trans-1,2-Dichloroethene	96	4.916	4.913	0.003	96	126534	20.0	19.8	
33 Hexane	57	5.347	5.347	0.000	91	153489	20.0	21.3	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	5.591	5.591	0.000	95	196819	20.0	20.4	
36 Isopropyl ether	45	5.656	5.652	0.004	92	309379	20.0	19.9	
37 2-Chloro-1,3-butadiene	53	5.697	5.697	0.000	90	161680	20.0	20.0	
39 Tert-butyl ethyl ether	59	6.183	6.186	-0.003	97	343508	20.0	19.8	
40 2-Butanone (MEK)	43	6.402	6.401	0.001	99	732466	250.0	236.5	
41 cis-1,2-Dichloroethene	96	6.424	6.424	0.000	80	145718	20.0	19.9	
43 2,2-Dichloropropane	77	6.440	6.443	-0.003	84	223776	20.0	20.7	
44 Propionitrile	54	6.508	6.508	0.000	97	158571	150.0	128.1	
45 Methyl acrylate	55	6.527	6.524	0.003	99	104194	20.0	16.2	
46 Methacrylonitrile	67	6.707	6.713	-0.006	89	390769	150.0	148.5	M
47 Chlorobromomethane	128	6.752	6.752	0.000	80	80347	20.0	20.1	
48 Tetrahydrofuran	71	6.762	6.768	-0.006	81	98725	100.0	86.0	
49 Chloroform	83	6.900	6.906	-0.006	92	230165	20.0	19.2	
\$ 50 Dibromofluoromethane (Surr)	113	7.122	7.115	0.007	95	295696	50.0	50.1	
51 1,1,1-Trichloroethane	97	7.128	7.128	0.000	96	255928	20.0	20.9	
52 Cyclohexane	56	7.215	7.215	0.000	88	221353	20.0	21.2	
53 Carbon tetrachloride	117	7.324	7.334	-0.010	96	241199	20.0	21.0	
54 1,1-Dichloropropene	75	7.334	7.334	0.000	93	160359	20.0	20.2	
55 Isobutyl alcohol	41	7.495	7.495	0.000	95	166794	500.0	421.8	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.569	7.575	-0.006	96	67455	50.0	50.8	
57 Benzene	78	7.594	7.594	0.000	96	472770	20.0	20.0	
59 1,2-Dichloroethane	62	7.675	7.675	0.000	98	151325	20.0	19.7	
60 Tert-amyl methyl ether	73	7.781	7.787	-0.006	98	351102	20.0	20.0	M
* 62 Fluorobenzene (IS)	96	7.996	7.996	0.000	99	1037385	50.0	50.0	
63 n-Heptane	43	8.000	8.000	0.000	45	124605	20.0	20.5	
64 n-Butanol	56	8.356	8.356	0.000	86	286627	1000.0	948.4	
65 Trichloroethene	95	8.466	8.463	0.003	95	137749	20.0	19.8	
66 Ethyl acrylate	55	8.585	8.585	0.000	98	104200	20.0	14.0	
67 Methylcyclohexane	83	8.774	8.768	0.006	89	261485	20.0	20.9	
68 2-ethoxy-2-methyl butane	87	8.797	8.803	-0.006	93	186143	20.0	19.7	
69 1,2-Dichloropropane	63	8.800	8.803	-0.003	70	106679	20.0	19.2	
70 Methyl methacrylate	69	8.884	8.881	0.003	88	81850	20.0	18.9	
71 1,4-Dioxane	88	8.893	8.900	-0.007	39	57123	500.0	546.7	Ma
72 Dibromomethane	93	8.910	8.909	0.001	90	81332	20.0	19.7	
74 Dichlorobromomethane	83	9.138	9.138	0.000	98	158740	20.0	19.3	
75 2-Nitropropane	41	9.408	9.411	-0.003	97	29729	20.0	15.1	
76 2-Chloroethyl vinyl ether	63	9.482	9.485	-0.003	94	64918	20.0	18.3	
77 cis-1,3-Dichloropropene	75	9.655	9.659	-0.004	96	166977	20.0	19.0	
78 4-Methyl-2-pentanone (MIBK)	43	9.826	9.826	0.000	95	1637110	250.0	235.2	
\$ 79 Toluene-d8 (Surr)	98	9.951	9.951	0.000	93	1026837	50.0	50.4	
118 Toluene	92	10.022	10.025	-0.003	99	311796	20.0	19.8	
120 trans-1,3-Dichloropropene	75	10.266	10.266	0.000	91	154921	20.0	19.5	
121 Ethyl methacrylate	69	10.321	10.324	-0.003	87	150976	20.0	20.1	
122 1,1,2-Trichloroethane	97	10.463	10.466	-0.003	90	108236	20.0	19.5	
123 Tetrachloroethene	166	10.543	10.543	0.000	98	183816	20.0	20.8	
124 1,3-Dichloropropane	76	10.623	10.623	0.000	88	162574	20.0	19.5	
126 2-Hexanone	43	10.672	10.671	0.001	95	1134360	250.0	243.0	
128 Chlorodibromomethane	129	10.826	10.826	0.000	88	139210	20.0	19.3	
129 Ethylene Dibromide	107	10.935	10.938	-0.003	98	117466	20.0	19.7	
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	83	829383	50.0	50.0	
132 1-Chlorohexane	91	11.356	11.356	0.000	88	185889	20.0	20.8	
133 Chlorobenzene	112	11.379	11.379	0.000	97	372054	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
134 1,1,1,2-Tetrachloroethane	131	11.459	11.456	0.003	47	169226	20.0	20.5	
135 Ethylbenzene	91	11.459	11.459	0.000	98	641031	20.0	20.5	
136 m-Xylene & p-Xylene	106	11.565	11.572	-0.007	100	520052	40.0	41.9	
137 n-Butyl acrylate	55	11.836	11.835	0.001	97	155515	20.0	14.9	
138 o-Xylene	106	11.893	11.890	0.003	96	269129	20.0	20.8	
139 Styrene	104	11.906	11.906	0.000	94	405772	20.0	20.6	
140 Bromoform	173	12.064	12.061	0.004	98	111702	20.0	20.7	
141 Isopropylbenzene	105	12.183	12.186	-0.003	95	777142	20.0	21.8	
143 Cyclohexanone	55	12.270	12.270	0.000	90	180697	499.9	503.3	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.324	12.324	0.000	98	401919	50.0	52.2	
145 1,1,2,2-Tetrachloroethane	83	12.424	12.424	0.000	95	172852	20.0	19.1	
146 Bromobenzene	156	12.443	12.443	0.000	96	182685	20.0	19.3	
147 trans-1,4-Dichloro-2-butene	53	12.450	12.450	0.000	90	219693	100.0	97.2	
148 1,2,3-Trichloropropane	110	12.472	12.472	0.000	84	59324	20.0	19.2	M
149 N-Propylbenzene	91	12.504	12.504	0.000	98	822201	20.0	20.7	
150 2-Chlorotoluene	126	12.585	12.581	0.004	98	183085	20.0	20.2	
151 1,3,5-Trimethylbenzene	105	12.636	12.636	0.000	94	654311	20.0	20.9	
152 4-Chlorotoluene	126	12.672	12.675	-0.003	96	171284	20.0	19.7	
154 tert-Butylbenzene	134	12.874	12.877	-0.003	91	140405	20.0	20.2	
155 1,2,4-Trimethylbenzene	105	12.916	12.919	-0.003	97	643257	20.0	20.1	
157 sec-Butylbenzene	105	13.038	13.038	0.000	94	825189	20.0	20.8	
158 1,3-Dichlorobenzene	146	13.135	13.138	-0.004	98	358007	20.0	20.1	
159 4-Isopropyltoluene	119	13.141	13.141	0.000	96	725360	20.0	20.3	
* 160 1,4-Dichlorobenzene-d4	152	13.192	13.189	0.003	92	514532	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.208	13.208	0.000	96	354672	20.0	20.0	
162 1,2,3-Trimethylbenzene	105	13.218	13.218	0.000	97	664458	20.0	20.5	
163 Benzyl chloride	91	13.286	13.286	0.000	98	319929	20.0	19.9	
164 1,3-Diethylbenzene	119	13.340	13.340	0.000	96	416594	20.0	21.2	
165 p-Diethylbenzene	119	13.408	13.411	-0.003	95	429887	20.0	20.9	
166 n-Butylbenzene	92	13.430	13.430	0.000	97	315096	20.0	20.6	
167 1,2-Dichlorobenzene	146	13.469	13.466	0.003	98	360897	20.0	20.4	
168 o-diethylbenzene	119	13.482	13.482	0.000	94	356647	20.0	20.3	
170 1,2-Dibromo-3-Chloropropane	75	14.003	14.003	0.000	93	43501	20.0	17.9	
171 1,3,5-Trichlorobenzene	180	14.125	14.122	0.003	97	302236	20.0	20.7	
172 1,2,4-Trichlorobenzene	180	14.546	14.543	0.003	93	284639	20.0	21.0	
173 2-Ethylhexyl acrylate	55	14.597	14.597	0.000	81	155414	20.1	14.6	
174 Hexachlorobutadiene	225	14.626	14.623	0.003	94	112997	20.0	20.1	
175 Naphthalene	128	14.729	14.729	0.000	96	839165	20.0	20.8	
176 1,2,3-Trichlorobenzene	180	14.874	14.871	0.003	96	277793	20.0	20.0	
177 2-Methylnaphthalene	142	15.514	15.517	-0.003	92	527359	20.0	22.3	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LCS_VOC#1_00239	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00249	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00246	Amount Added: 50.00	Units: uL	
MSV_LCS_CYC_00012	Amount Added: 50.00	Units: uL	
MSV_LCS_ETOH_00012	Amount Added: 50.00	Units: uL	
MSV_QC_2K_GAS_00316	Amount Added: 1.00	Units: uL	
MSV_LCS_OH_Sp_00032	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent
MSV_V_SMFreon_00052	Amount Added: 0.00	Units:	Run Reagent

Report Date: 23-Sep-2025 09:37:04

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X20.D

Injection Date: 22-Sep-2025 20:50:21

Instrument ID: 7159

Operator ID: kas02648

Lims ID: ICV

Worklist Smp#: 20

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

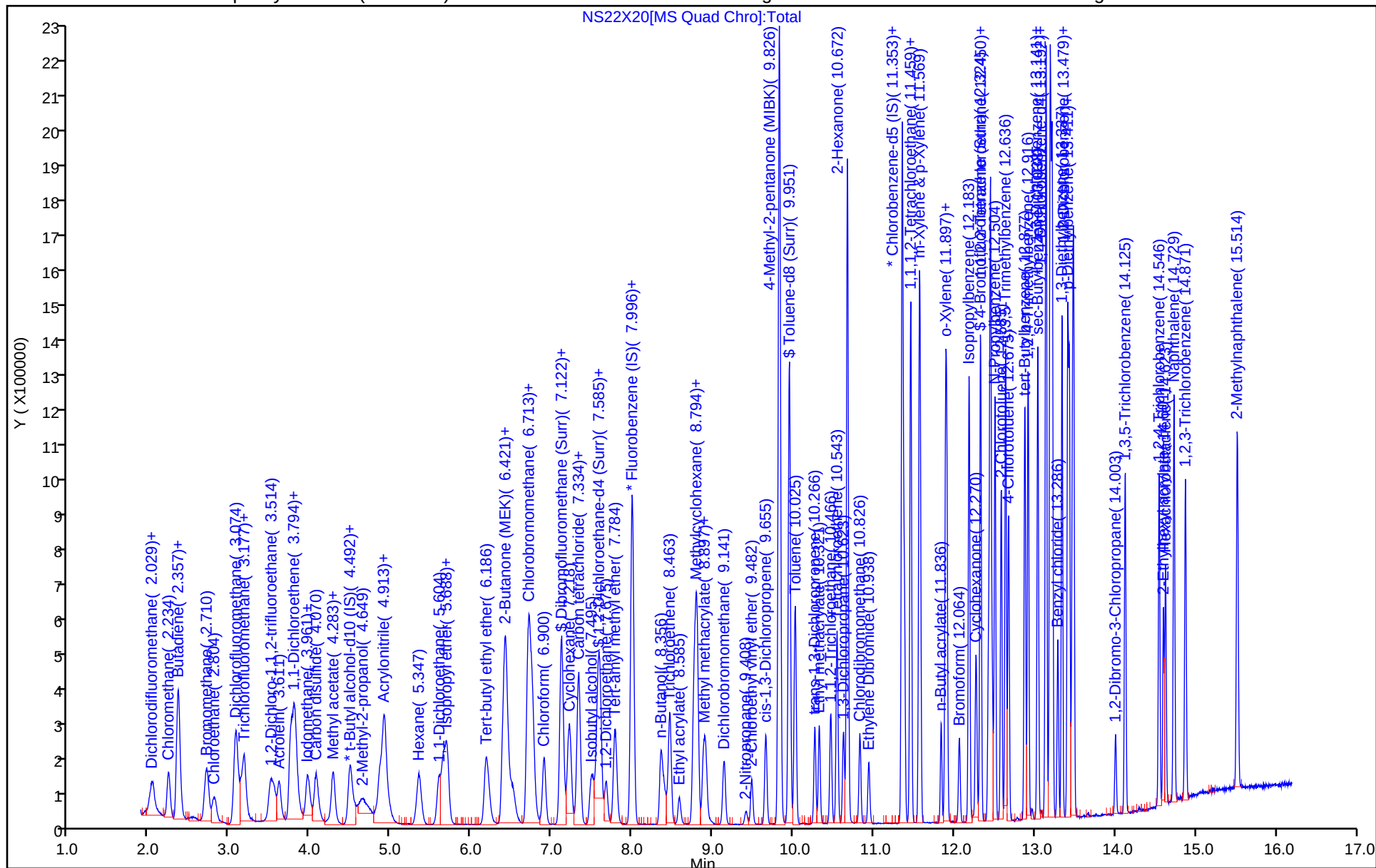
ALS Bottle#: 19

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

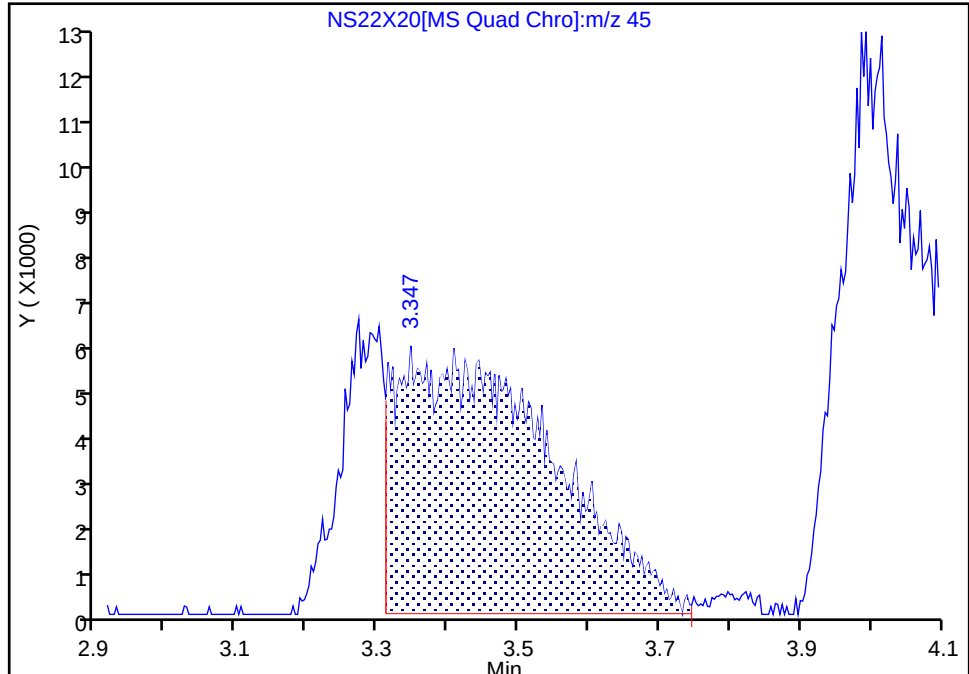
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Injection Date: 22-Sep-2025 20:50:21 Instrument ID: 7159
Lims ID: ICV
Client ID:
Operator ID: kas02648 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

13 Ethanol, CAS: 64-17-5

Signal: 1

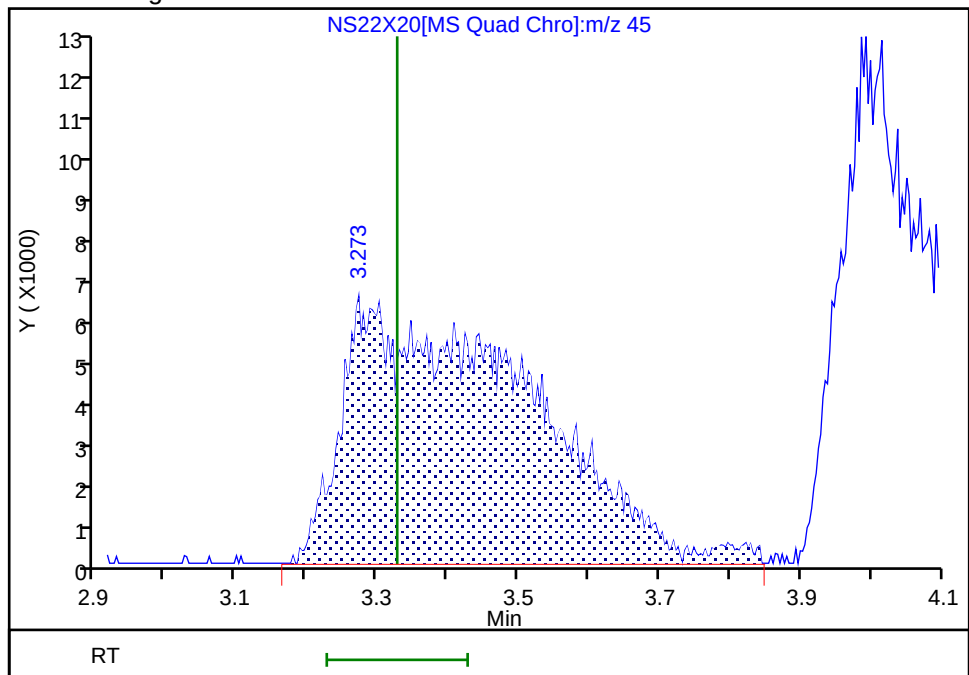
RT: 3.35
Area: 82950
Amount: 886.5210
Amount Units: ug/l

Processing Integration Results



RT: 3.27
Area: 109205
Amount: 1167.1190
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:26:16 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

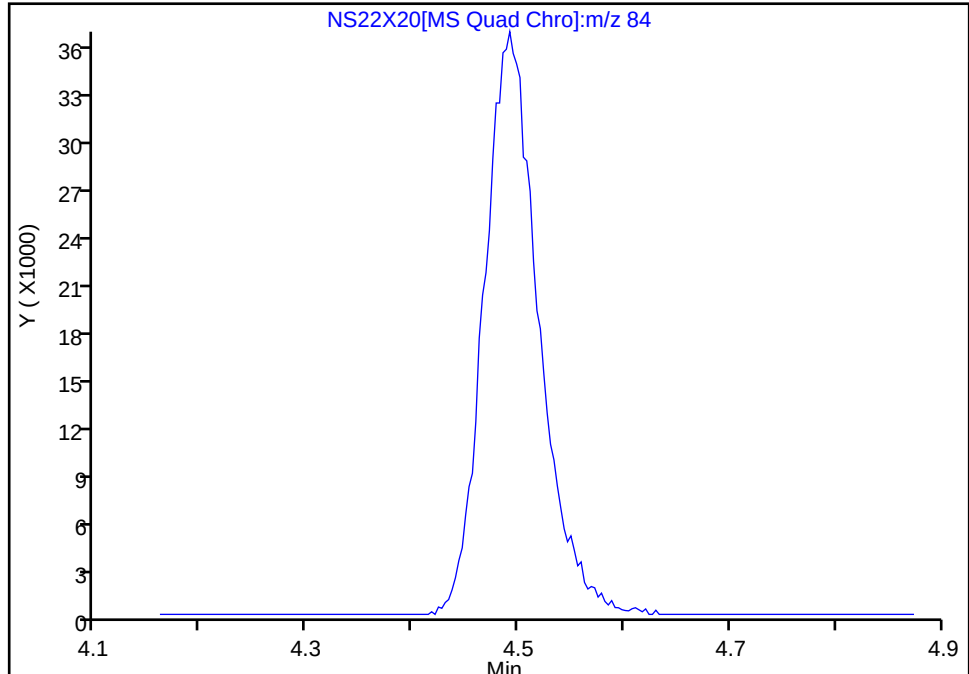
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Injection Date: 22-Sep-2025 20:50:21 Instrument ID: 7159
Lims ID: ICV
Client ID:
Operator ID: kas02648 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

26 Methylene Chloride, CAS: 75-09-2

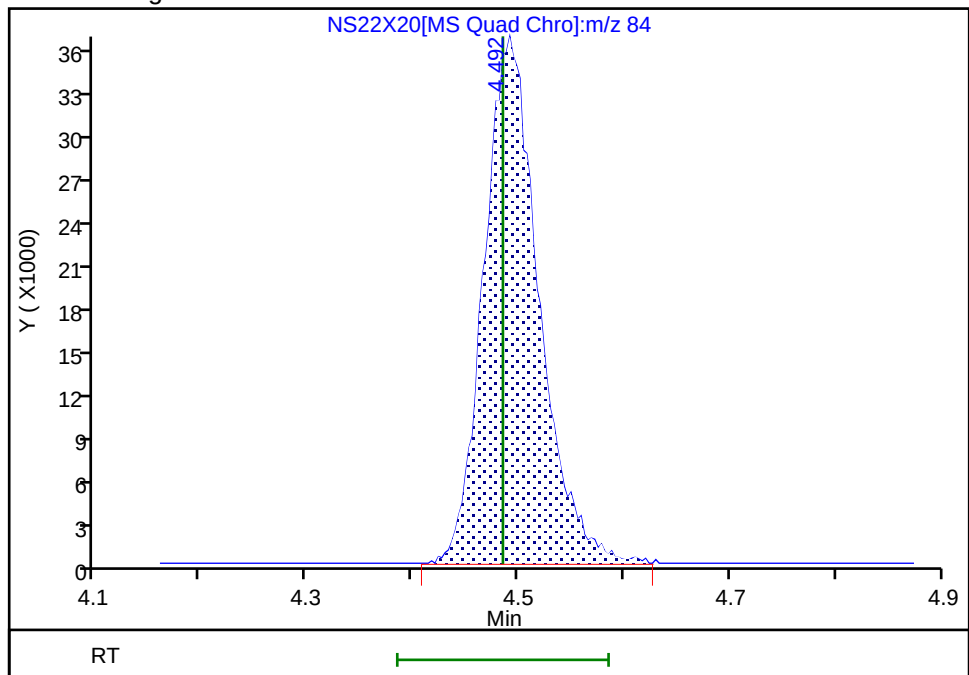
Signal: 1

Not Detected
Expected RT: 4.49

Processing Integration Results



Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:26:28 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

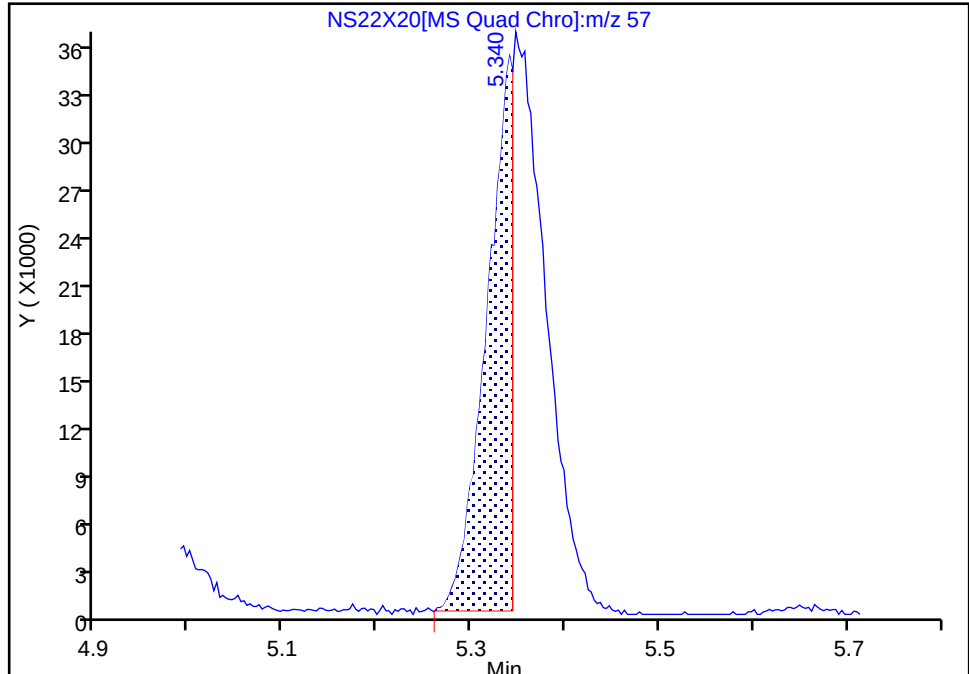
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Injection Date: 22-Sep-2025 20:50:21 Instrument ID: 7159
Lims ID: ICV
Client ID:
Operator ID: kas02648 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

33 Hexane, CAS: 110-54-3

Signal: 1

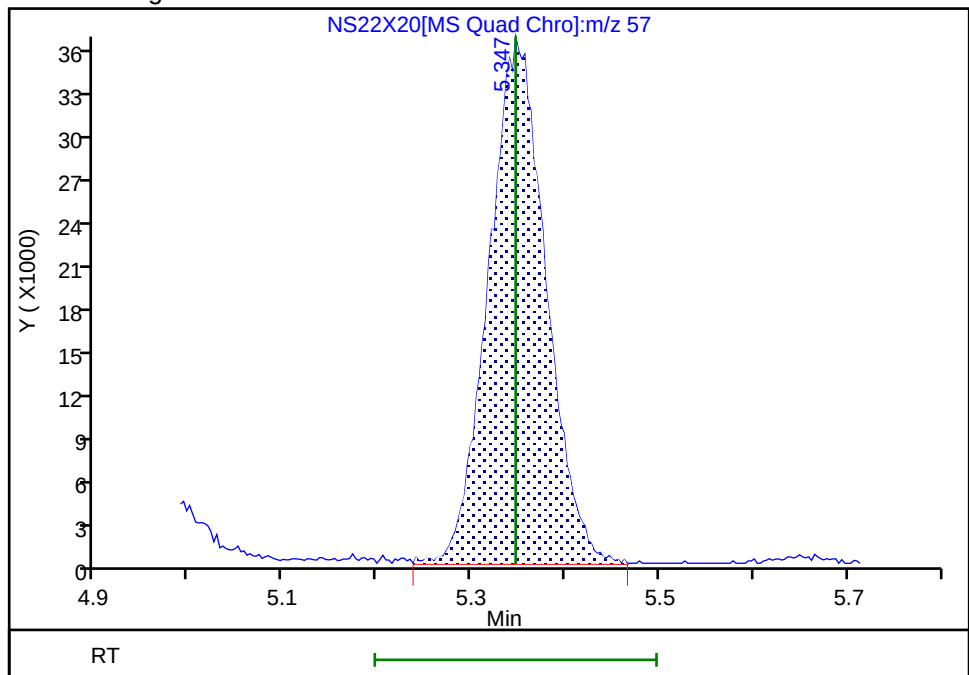
RT: 5.34
Area: 67499
Amount: 9.395932
Amount Units: ug/l

Processing Integration Results



RT: 5.35
Area: 153489
Amount: 21.284298
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:26:39 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

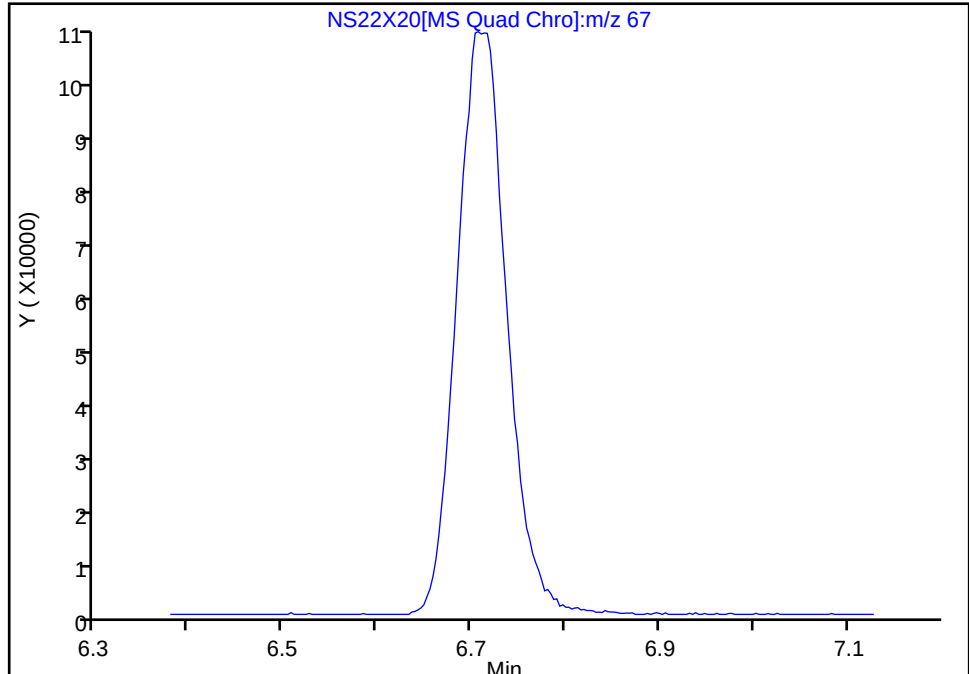
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Injection Date: 22-Sep-2025 20:50:21 Instrument ID: 7159
Lims ID: ICV
Client ID:
Operator ID: kas02648 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

46 Methacrylonitrile, CAS: 126-98-7

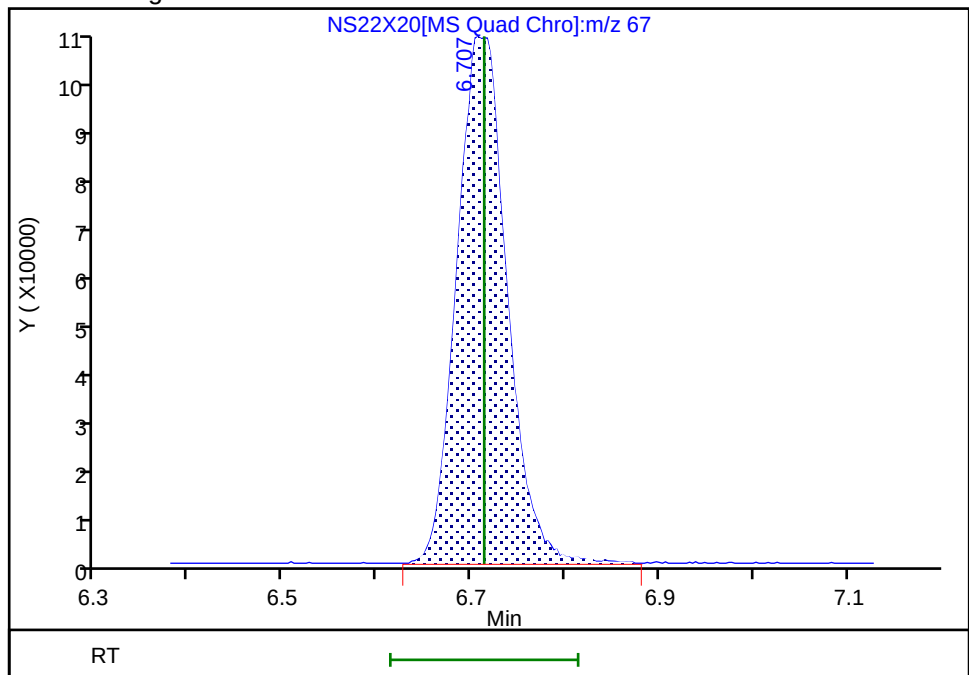
Signal: 1

Not Detected
Expected RT: 6.71

Processing Integration Results



Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:26:49 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

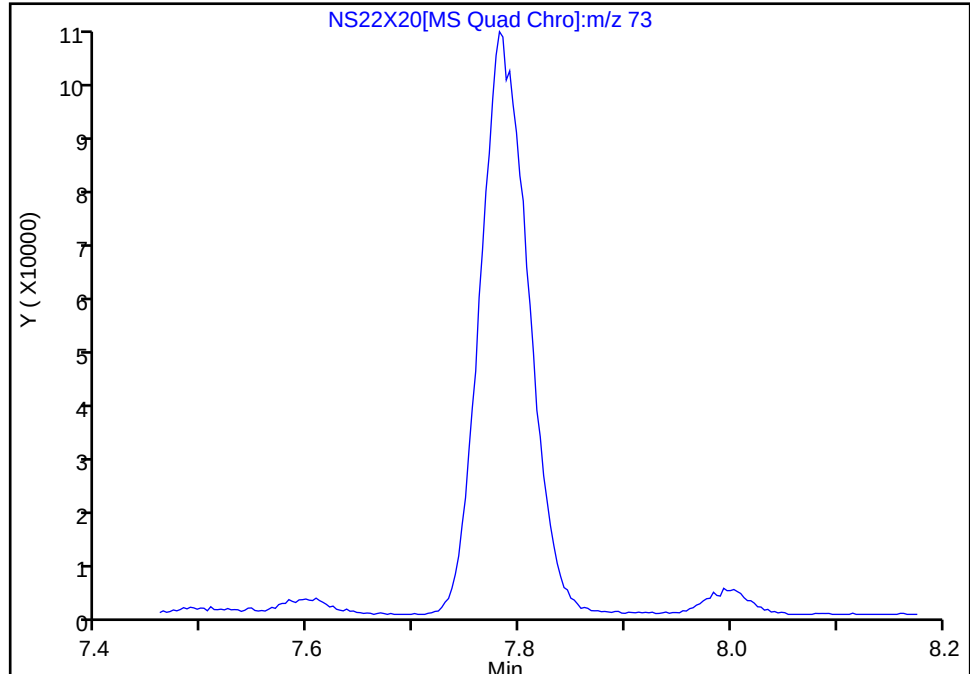
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Lims ID: ICV
Client ID:
Operator ID: kas02648 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

60 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

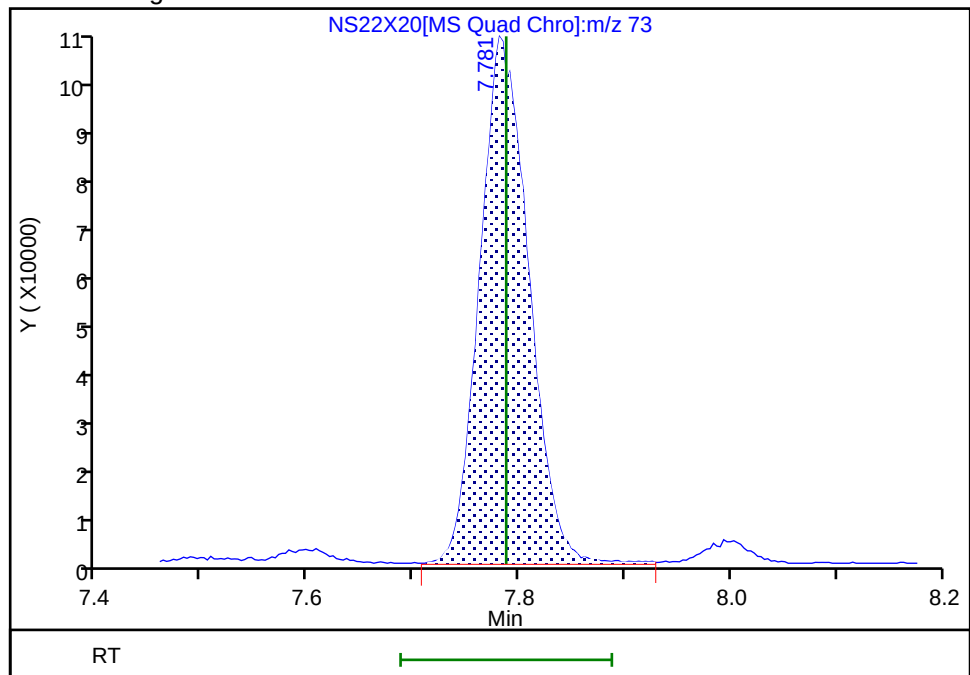
Not Detected
Expected RT: 7.79

Processing Integration Results



RT: 7.78
Area: 351102
Amount: 20.031766
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:27:11 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

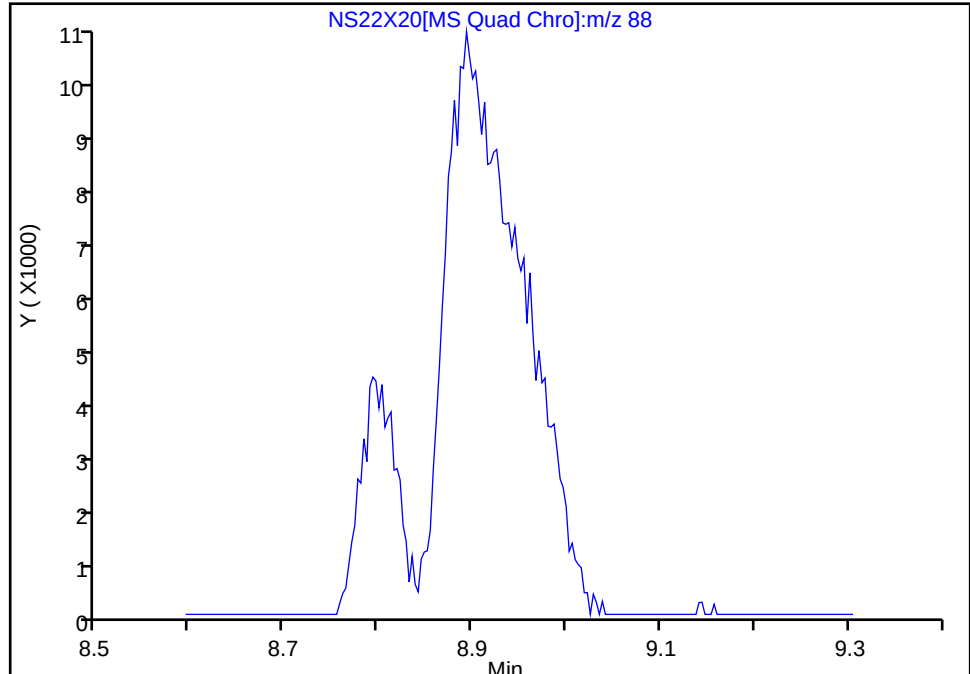
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Lims ID: ICV
Client ID:
Operator ID: kas02648 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

71 1,4-Dioxane, CAS: 123-91-1

Signal: 1

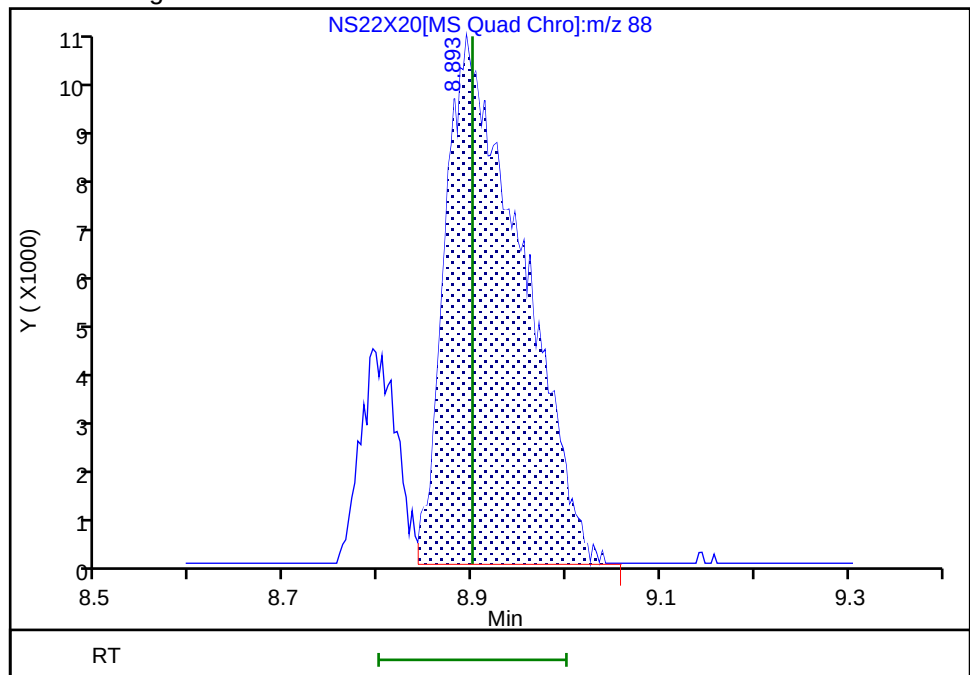
Not Detected
Expected RT: 8.90

Processing Integration Results



Manual Integration Results

RT: 8.89
Area: 57123
Amount: 546.6536
Amount Units: ug/l



Reviewer: JS6E, 23-Sep-2025 04:27:29 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

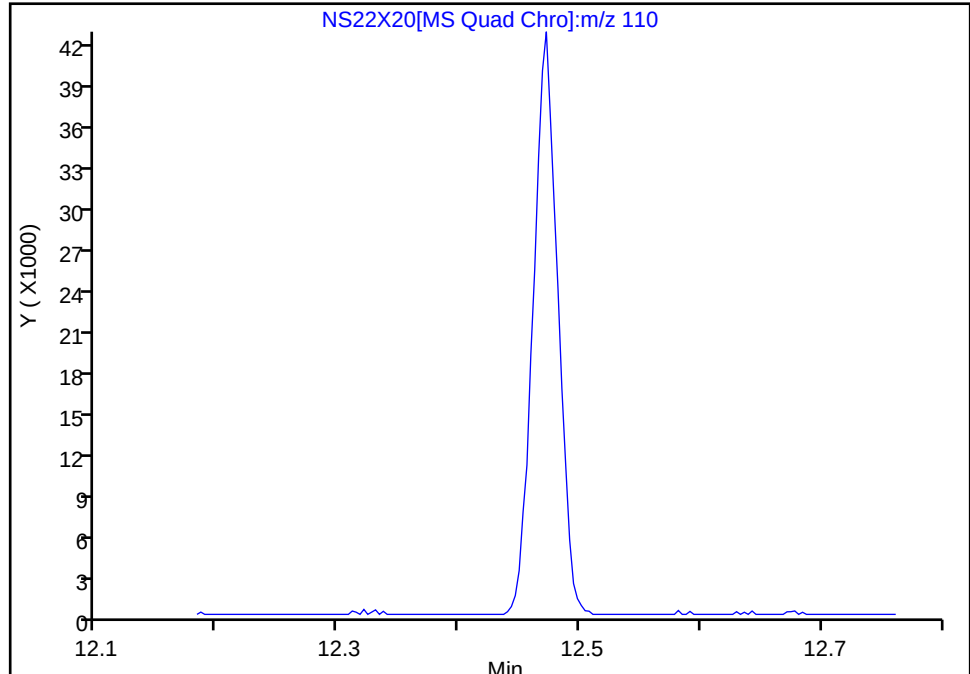
Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date: 22-Sep-2025 20:50:21 Instrument ID: 7159
Lims ID: ICV
Client ID:
Operator ID: kas02648 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

148 1,2,3-Trichloropropane, CAS: 96-18-4
Signal: 1

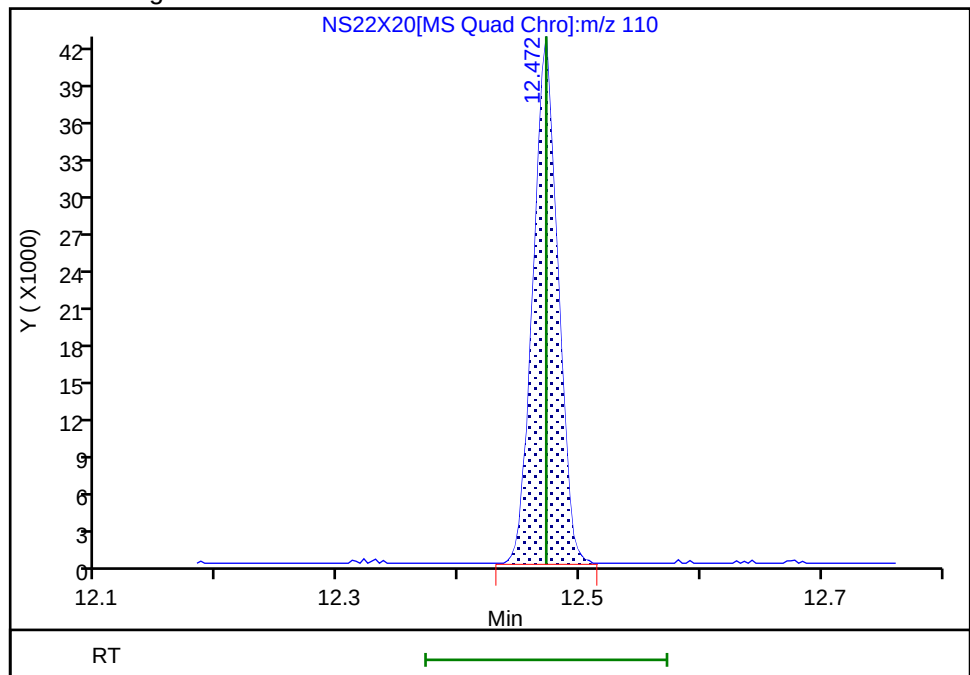
Not Detected
Expected RT: 12.47

Processing Integration Results



RT: 12.47
Area: 59324
Amount: 19.213692
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:27:44 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab Sample ID: CCVIS 410-711952/3

Calibration Date: 10/10/2025 10:03

Instrument ID: 7159

Calib Start Date: 09/22/2025 18:51

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 09/22/2025 22:59

Lab File ID: NC10X02.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.8281	0.6968	0.1000	42.1	50.0	-16.0	20.0
Chloromethane	Ave	0.5940	0.6996	0.1000	58.9	50.0	18.0	20.0
1,3-Butadiene	Ave	0.3836	0.4183		54.5	50.0	9.0	20.0
Vinyl chloride	Ave	0.6001	0.7029	0.1000	58.6	50.0	17.0	20.0
Bromomethane	Ave	0.4664	0.4602	0.1000	49.3	50.0	-1.0	20.0
Chloroethane	Ave	0.2758	0.3095	0.1000	56.1	50.0	12.0	20.0
Dichlorofluoromethane	Ave	0.7864	0.8109		51.6	50.0	3.0	20.0
Trichlorofluoromethane	Ave	0.8027	0.6908	0.1000	43.0	50.0	-14.0	20.0
n-Pentane	Ave	0.3717	0.3787		50.9	50.0	2.0	20.0
Freon 123a	Ave	0.3586	0.3951		55.1	50.0	10.0	20.0
Acrolein	Ave	1.139	1.092		468	488	-4.0	20.0
1,1-Dichloroethene	Ave	0.2761	0.2396	0.1000	43.4	50.0	-13.0	20.0
Acetone	Ave	0.5758	0.5941	0.1000	103	100	3.0	20.0
Freon 113	Ave	0.3994	0.3493	0.1000	43.7	50.0	-13.0	20.0
Methyl iodide	Ave	0.6594	0.4688		35.5	50.0	-29.0*	20.0
2-Propanol	Ave	0.7226	0.5549		192	250	-23.0*	20.0
Carbon disulfide	Ave	0.9226	0.9062	0.1000	49.1	50.0	-2.0	20.0
Methyl acetate	Ave	0.2081	0.2067	0.1000	49.7	50.0	-1.0	20.0
Allyl chloride	Ave	0.3222	0.3511		54.5	50.0	9.0	20.0
Methylene Chloride	Ave	0.3018	0.2856	0.1000	47.3	50.0	-5.0	20.0
t-Butyl alcohol	Ave	1.056	1.026		243	250	-3.0	20.0
Acrylonitrile	Ave	0.1163	0.1232		132	125	6.0	20.0
Methyl tert-butyl ether	Ave	0.9435	0.8886	0.1000	47.1	50.0	-6.0	20.0
trans-1,2-Dichloroethene	Ave	0.3079	0.2808	0.1000	45.6	50.0	-9.0	20.0
n-Hexane	Ave	0.3476	0.4037		58.1	50.0	16.0	20.0
1,1-Dichloroethane	Ave	0.4652	0.4770	0.2000	51.3	50.0	3.0	20.0
Isopropyl ether	Ave	0.7511	0.8319		55.4	50.0	11.0	20.0
2-Chloro-1,3-butadiene	Ave	0.3894	0.3754		48.2	50.0	-4.0	20.0
Ethyl t-butyl ether	Ave	0.8356	0.8386		50.2	50.0	0.0	20.0
2-Butanone (MEK)	Ave	0.1493	0.1457	0.1000	97.6	100	-2.0	20.0
cis-1,2-Dichloroethene	Ave	0.3535	0.3205	0.1000	45.3	50.0	-9.0	20.0
2,2-Dichloropropane	Ave	0.5222	0.4974		47.6	50.0	-5.0	20.0
Propionitrile	Ave	0.9124	0.9174		251	250	1.0	20.0
Methacrylonitrile	Ave	0.1268	0.1302		128	125	3.0	20.0
Bromochloromethane	Ave	0.1928	0.1582		41.0	50.0	-18.0	20.0
Tetrahydrofuran	Ave	0.8468	0.8023		237	250	-5.0	20.0
Chloroform	Ave	0.5770	0.5056	0.2000	43.8	50.0	-12.0	20.0
1,1,1-Trichloroethane	Ave	0.5912	0.5068	0.1000	42.9	50.0	-14.0	20.0
Cyclohexane	Ave	0.5041	0.5509	0.1000	54.6	50.0	9.0	20.0
1,1-Dichloropropene	Ave	0.3827	0.3789		49.5	50.0	-1.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab Sample ID: CCVIS 410-711952/3

Calibration Date: 10/10/2025 10:03

Instrument ID: 7159

Calib Start Date: 09/22/2025 18:51

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 09/22/2025 22:59

Lab File ID: NC10X02.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5535	0.4455	0.1000	40.2	50.0	-20.0	20.0
Isobutyl alcohol	Ave	0.2916	0.2717		582	625	-7.0	20.0
Benzene	Ave	1.137	1.173	0.5000	51.6	50.0	3.0	20.0
1,2-Dichloroethane	Ave	0.3698	0.3231	0.1000	43.7	50.0	-13.0	20.0
t-Amyl methyl ether	Ave	0.8448	0.8189		48.5	50.0	-3.0	20.0
n-Heptane	Ave	0.2923	0.3647		62.4	50.0	25.0*	20.0
n-Butanol	Ave	0.2228	0.2217		622	625	0.0	20.0
Trichloroethene	Ave	0.3361	0.3008	0.2000	44.7	50.0	-11.0	20.0
Methylcyclohexane	Ave	0.6043	0.6271	0.1000	51.9	50.0	4.0	20.0
1,2-Dichloropropane	Ave	0.2682	0.2931	0.1000	54.6	50.0	9.0	20.0
t-Amyl ethyl ether	Ave	0.4562	0.4411		48.3	50.0	-3.0	20.0
Methyl methacrylate	Ave	0.2089	0.2029		48.6	50.0	-3.0	20.0
1,4-Dioxane	Ave	0.0770	0.0743	0.0050	603	625	-4.0	20.0
Dibromomethane	Ave	0.1990	0.1779		44.7	50.0	-11.0	20.0
Bromodichloromethane	Ave	0.3971	0.3692	0.2000	46.5	50.0	-7.0	20.0
2-Nitropropane	Ave	1.455	1.219		209	250	-16.0	20.0
2-Chloroethyl vinyl ether	Ave	0.1710	0.1608		47.0	50.0	-6.0	20.0
cis-1,3-Dichloropropene	Ave	0.4235	0.4150	0.2000	49.0	50.0	-2.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3355	0.3346	0.1000	99.7	100	0.0	20.0
Toluene	Ave	0.9496	1.020	0.4000	53.7	50.0	7.0	20.0
trans-1,3-Dichloropropene	Ave	0.4794	0.5117	0.1000	53.4	50.0	7.0	20.0
Ethyl methacrylate	Ave	0.4517	0.5113		56.6	50.0	13.0	20.0
1,1,2-Trichloroethane	Ave	0.3346	0.3451	0.1000	51.6	50.0	3.0	20.0
Tetrachloroethene	Ave	0.5332	0.4369	0.2000	41.0	50.0	-18.0	20.0
1,3-Dichloropropane	Ave	0.5015	0.5474		54.6	50.0	9.0	20.0
2-Hexanone	Ave	0.2815	0.3036	0.1000	108	100	8.0	20.0
Dibromochloromethane	Ave	0.4355	0.4017		46.1	50.0	-8.0	20.0
1,2-Dibromoethane (EDB)	Ave	0.3600	0.3439	0.1000	47.8	50.0	-4.0	20.0
1-Chlorohexane	Ave	0.5387	0.5768		53.5	50.0	7.0	20.0
Chlorobenzene	Ave	1.126	1.086	0.5000	48.2	50.0	-4.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4974	0.5005		50.3	50.0	1.0	20.0
Ethylbenzene	Ave	1.884	2.056	0.1000	54.6	50.0	9.0	20.0
m&p-Xylene	Ave	0.7479	0.7991	0.1000	107	100	7.0	20.0
o-Xylene	Ave	0.7798	0.8349	0.3000	53.5	50.0	7.0	20.0
Styrene	Ave	1.186	1.215	0.3000	51.2	50.0	2.0	20.0
Bromoform	Ave	0.3248	0.2770	0.1000	42.6	50.0	-15.0	20.0
Isopropylbenzene	Ave	2.154	2.400	0.1000	55.7	50.0	11.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8783	1.154	0.3000	65.7	50.0	31.0*	20.0
Bromobenzene	Ave	0.9202	0.8492		46.1	50.0	-8.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2197	0.2632		150	125	20.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab Sample ID: CCVIS 410-711952/3

Calibration Date: 10/10/2025 10:03

Instrument ID: 7159

Calib Start Date: 09/22/2025 18:51

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 09/22/2025 22:59

Lab File ID: NC10X02.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichloropropane	Ave	0.3000	0.3232		53.9	50.0	8.0	20.0
N-Propylbenzene	Ave	3.866	5.039		65.2	50.0	30.0*	20.0
2-Chlorotoluene	Ave	0.8804	0.9622		54.6	50.0	9.0	20.0
1,3,5-Trimethylbenzene	Ave	3.048	3.732		61.2	50.0	22.0*	20.0
4-Chlorotoluene	Ave	0.8437	0.8948		53.0	50.0	6.0	20.0
tert-Butylbenzene	Ave	0.6759	0.7596		56.2	50.0	12.0	20.0
1,2,4-Trimethylbenzene	Ave	3.108	3.765		60.6	50.0	21.0*	20.0
sec-Butylbenzene	Ave	3.856	5.092		66.0	50.0	32.0*	20.0
1,3-Dichlorobenzene	Ave	1.727	1.735	0.6000	50.2	50.0	0.0	20.0
p-Isopropyltoluene	Ave	3.472	4.226		60.9	50.0	22.0*	20.0
1,4-Dichlorobenzene	Ave	1.722	1.701	0.5000	49.4	50.0	-1.0	20.0
1,2,3-Trimethylbenzene	Ave	3.155	3.833		60.7	50.0	21.0*	20.0
Benzyl chloride	Ave	1.564	2.184		69.8	50.0	40.0*	20.0
1,3-Diethylbenzene	Ave	1.907	2.260		59.3	50.0	19.0	20.0
1,4-Diethylbenzene	Ave	1.997	2.417		60.5	50.0	21.0*	20.0
n-Butylbenzene	Ave	1.487	2.073		69.7	50.0	39.0*	20.0
1,2-Dichlorobenzene	Ave	1.719	1.753	0.4000	51.0	50.0	2.0	20.0
1,2-Diethylbenzene	Ave	1.709	2.017		59.0	50.0	18.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2363	0.2718	0.0500	57.5	50.0	15.0	20.0
1,3,5-Trichlorobenzene	Ave	1.419	1.347		47.5	50.0	-5.0	20.0
1,2,4-Trichlorobenzene	Ave	1.320	1.266	0.2000	48.0	50.0	-4.0	20.0
Hexachlorobutadiene	Ave	0.5471	0.4734		43.3	50.0	-13.0	20.0
Naphthalene	Ave	3.922	4.407		56.2	50.0	12.0	20.0
1,2,3-Trichlorobenzene	Ave	1.352	1.268		46.9	50.0	-6.0	20.0
2-Methylnaphthalene	Ave	2.297	2.408		52.4	50.0	5.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2842	0.2540		44.7	50.0	-11.0	
1,2-Dichloroethane-d4 (Surr)	Ave	0.0641	0.0631		49.2	50.0	-2.0	
Toluene-d8 (Surr)	Ave	1.228	1.352		55.0	50.0	10.0	
4-Bromofluorobenzene (Surr)	Ave	0.4638	0.4725		50.9	50.0	2.0	

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X02.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 10-Oct-2025 10:03:24 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162698-003
 Misc. Info.: CCVIS
 Operator ID: CLM27445 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub21
 Method: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 12:40:11 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1630

First Level Reviewer: TQ4J

Date: 10-Oct-2025 11:33:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	2.032	2.032	0.000	99	900797	50.0	42.1	
4 Chloromethane	50	2.231	2.231	0.000	99	904421	50.0	58.9	
5 Butadiene	39	2.347	2.347	0.000	90	540738	50.0	54.5	
6 Vinyl chloride	62	2.363	2.363	0.000	98	908735	50.0	58.6	
8 Bromomethane	94	2.697	2.697	0.000	91	594864	50.0	49.3	
9 Chloroethane	64	2.807	2.807	0.000	99	400065	50.0	56.1	
10 Dichlorofluoromethane	67	3.070	3.070	0.000	97	1048354	50.0	51.6	
11 Trichlorofluoromethane	101	3.122	3.122	0.000	95	893097	50.0	43.0	
12 Pentane	43	3.180	3.180	0.000	97	489515	50.0	50.9	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.508	3.508	0.000	91	510734	50.0	55.1	
16 Acrolein	56	3.607	3.607	0.000	100	834945	487.9	468.0	
17 1,1-Dichloroethene	96	3.746	3.746	0.000	95	309758	50.0	43.4	
19 Acetone	58	3.791	3.791	0.000	99	93076	100.0	103.2	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.794	3.794	0.000	92	451562	50.0	43.7	
20 Iodomethane	142	3.951	3.951	0.000	98	605996	50.0	35.5	
21 Isopropyl alcohol	45	3.977	3.977	0.000	27	217346	250.0	192.0	M
22 Carbon disulfide	76	4.058	4.058	0.000	98	1171440	50.0	49.1	
24 Methyl acetate	43	4.260	4.260	0.000	97	267245	50.0	49.7	
25 3-Chloro-1-propene	41	4.273	4.273	0.000	92	453884	50.0	54.5	
26 Methylene Chloride	84	4.482	4.482	0.000	88	369148	50.0	47.3	
* 27 t-Butyl alcohol-d10 (IS)	65	4.537	4.537	0.000	90	391691	250.0	250.0	
28 2-Methyl-2-propanol	59	4.636	4.636	0.000	99	401797	250.0	242.8	
29 Acrylonitrile	53	4.849	4.849	0.000	100	398160	125.0	132.4	
32 Methyl tert-butyl ether	73	4.903	4.903	0.000	93	1148703	50.0	47.1	
31 trans-1,2-Dichloroethene	96	4.906	4.906	0.000	98	362989	50.0	45.6	
33 Hexane	57	5.341	5.341	0.000	89	521828	50.0	58.1	M
35 1,1-Dichloroethane	63	5.582	5.582	0.000	96	616694	50.0	51.3	M
36 Isopropyl ether	45	5.646	5.646	0.000	94	1075427	50.0	55.4	
37 2-Chloro-1,3-butadiene	53	5.691	5.691	0.000	89	485247	50.0	48.2	a
39 Tert-butyl ethyl ether	59	6.176	6.176	0.000	97	1084129	50.0	50.2	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 2-Butanone (MEK)	43	6.389	6.389	0.000	99	376807	100.0	97.6	
41 cis-1,2-Dichloroethene	96	6.418	6.418	0.000	79	414386	50.0	45.3	
43 2,2-Dichloropropane	77	6.434	6.434	0.000	84	642992	50.0	47.6	
44 Propionitrile	54	6.488	6.488	0.000	99	359344	250.0	251.4	
46 Methacrylonitrile	67	6.697	6.697	0.000	89	420698	125.0	128.3	
47 Chlorobromomethane	128	6.749	6.749	0.000	91	204512	50.0	41.0	
48 Tetrahydrofuran	71	6.758	6.758	0.000	81	314240	250.0	236.9	
49 Chloroform	83	6.897	6.897	0.000	92	653645	50.0	43.8	
\$ 50 Dibromofluoromethane (Surr)	113	7.106	7.106	0.000	93	328405	50.0	44.7	
51 1,1,1-Trichloroethane	97	7.119	7.119	0.000	97	655210	50.0	42.9	
52 Cyclohexane	56	7.215	7.215	0.000	88	712208	50.0	54.6	
53 Carbon tetrachloride	117	7.328	7.328	0.000	93	575963	50.0	40.2	
54 1,1-Dichloropropene	75	7.328	7.328	0.000	97	489839	50.0	49.5	
55 Isobutyl alcohol	41	7.488	7.488	0.000	95	266047	625.0	582.4	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.569	7.569	0.000	96	81553	50.0	49.2	
57 Benzene	78	7.594	7.594	0.000	95	1516545	50.0	51.6	
59 1,2-Dichloroethane	62	7.665	7.665	0.000	97	417636	50.0	43.7	
60 Tert-amyl methyl ether	73	7.781	7.781	0.000	99	1058648	50.0	48.5	
* 62 Fluorobenzene (IS)	96	7.993	7.993	0.000	99	1292760	50.0	50.0	
63 n-Heptane	43	8.000	8.000	0.000	87	471440	50.0	62.4	
64 n-Butanol	56	8.350	8.350	0.000	86	217138	625.0	621.9	
65 Trichloroethene	95	8.459	8.459	0.000	98	388838	50.0	44.7	
67 Methylcyclohexane	83	8.768	8.768	0.000	89	810730	50.0	51.9	
69 1,2-Dichloropropane	63	8.797	8.797	0.000	69	378847	50.0	54.6	
68 2-ethoxy-2-methyl butane	87	8.797	8.797	0.000	92	570273	50.0	48.3	
70 Methyl methacrylate	69	8.874	8.874	0.000	90	262322	50.0	48.6	
71 1,4-Dioxane	88	8.877	8.877	0.000	42	72781	625.0	602.9	
72 Dibromomethane	93	8.903	8.903	0.000	97	230043	50.0	44.7	
74 Dichlorobromomethane	83	9.135	9.135	0.000	99	477323	50.0	46.5	
75 2-Nitropropane	41	9.405	9.405	0.000	98	477626	250.0	209.5	
76 2-Chloroethyl vinyl ether	63	9.479	9.479	0.000	90	207824	50.0	47.0	
77 cis-1,3-Dichloropropene	75	9.656	9.656	0.000	98	536469	50.0	49.0	
78 4-Methyl-2-pentanone (MIBK)	43	9.823	9.823	0.000	95	865090	100.0	99.7	
\$ 79 Toluene-d8 (Surr)	98	9.951	9.951	0.000	93	1210914	50.0	55.0	
118 Toluene	92	10.022	10.022	0.000	98	913358	50.0	53.7	
120 trans-1,3-Dichloropropene	75	10.266	10.266	0.000	90	458216	50.0	53.4	
121 Ethyl methacrylate	69	10.321	10.321	0.000	88	457847	50.0	56.6	
122 1,1,2-Trichloroethane	97	10.463	10.463	0.000	89	309005	50.0	51.6	
123 Tetrachloroethene	166	10.543	10.543	0.000	95	391234	50.0	41.0	
124 1,3-Dichloropropane	76	10.620	10.620	0.000	87	490147	50.0	54.6	
126 2-Hexanone	43	10.668	10.668	0.000	96	543668	100.0	107.9	
128 Chlorodibromomethane	129	10.826	10.826	0.000	89	359723	50.0	46.1	
129 Ethylene Dibromide	107	10.935	10.935	0.000	98	307964	50.0	47.8	
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	85	895441	50.0	50.0	
132 1-Chlorohexane	91	11.356	11.356	0.000	94	516466	50.0	53.5	
133 Chlorobenzene	112	11.379	11.379	0.000	95	972214	50.0	48.2	
134 1,1,1,2-Tetrachloroethane	131	11.459	11.459	0.000	95	448143	50.0	50.3	
135 Ethylbenzene	91	11.463	11.463	0.000	98	1840957	50.0	54.6	
136 m-Xylene & p-Xylene	106	11.572	11.572	0.000	100	1431158	100.0	106.9	
138 o-Xylene	106	11.897	11.897	0.000	96	747582	50.0	53.5	
139 Styrene	104	11.909	11.909	0.000	95	1087995	50.0	51.2	
140 Bromoform	173	12.064	12.064	0.000	96	248064	50.0	42.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
141 Isopropylbenzene	105	12.189	12.189	0.000	95	2148766	50.0	55.7	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.331	12.331	0.000	88	423060	50.0	50.9	
145 1,1,2,2-Tetrachloroethane	83	12.427	12.427	0.000	93	560075	50.0	65.7	
146 Bromobenzene	156	12.446	12.446	0.000	95	412213	50.0	46.1	
147 trans-1,4-Dichloro-2-butene	53	12.453	12.453	0.000	93	319430	125.0	149.7	
148 1,2,3-Trichloropropane	110	12.479	12.479	0.000	75	156892	50.0	53.9	a
149 N-Propylbenzene	91	12.511	12.511	0.000	99	2446204	50.0	65.2	
150 2-Chlorotoluene	126	12.588	12.588	0.000	97	467107	50.0	54.6	
151 1,3,5-Trimethylbenzene	105	12.643	12.643	0.000	94	1811688	50.0	61.2	
152 4-Chlorotoluene	126	12.678	12.678	0.000	97	434358	50.0	53.0	
154 tert-Butylbenzene	134	12.881	12.881	0.000	93	368720	50.0	56.2	
155 1,2,4-Trimethylbenzene	105	12.922	12.922	0.000	97	1827597	50.0	60.6	
157 sec-Butylbenzene	105	13.041	13.041	0.000	94	2471822	50.0	66.0	
158 1,3-Dichlorobenzene	146	13.141	13.141	0.000	98	842312	50.0	50.2	
159 4-Isopropyltoluene	119	13.147	13.147	0.000	97	2051400	50.0	60.9	
* 160 1,4-Dichlorobenzene-d4	152	13.196	13.196	0.000	94	485435	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.215	13.215	0.000	94	825766	50.0	49.4	
162 1,2,3-Trimethylbenzene	105	13.225	13.225	0.000	98	1860658	50.0	60.7	
163 Benzyl chloride	91	13.292	13.292	0.000	98	1060336	50.0	69.8	
164 1,3-Diethylbenzene	119	13.344	13.344	0.000	95	1097047	50.0	59.3	
165 p-Diethylbenzene	119	13.414	13.414	0.000	93	1173327	50.0	60.5	
166 n-Butylbenzene	92	13.434	13.434	0.000	98	1006439	50.0	69.7	
167 1,2-Dichlorobenzene	146	13.472	13.472	0.000	98	850991	50.0	51.0	
168 o-diethylbenzene	119	13.488	13.488	0.000	96	979006	50.0	59.0	
170 1,2-Dibromo-3-Chloropropane	75	14.009	14.009	0.000	88	131939	50.0	57.5	
171 1,3,5-Trichlorobenzene	180	14.131	14.131	0.000	98	653864	50.0	47.5	
172 1,2,4-Trichlorobenzene	180	14.552	14.552	0.000	93	614543	50.0	48.0	
174 Hexachlorobutadiene	225	14.633	14.633	0.000	99	229784	50.0	43.3	
175 Naphthalene	128	14.736	14.736	0.000	97	2139205	50.0	56.2	
176 1,2,3-Trichlorobenzene	180	14.880	14.880	0.000	95	615744	50.0	46.9	
177 2-Methylnaphthalene	142	15.524	15.524	0.000	93	1169157	50.0	52.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00256	Amount Added: 5.00	Units: uL	
MSV_CCV_2CEVE_00249	Amount Added: 5.00	Units: uL	
MSV_CCV_VOC#3_00258	Amount Added: 4.00	Units: uL	
MSV_CCV_GASES_01144	Amount Added: 2.50	Units: uL	
MSV_Cent_ISSS_00045	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 10-Oct-2025 12:40:12

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X02.D

Injection Date: 10-Oct-2025 10:03:24

Instrument ID: 7159

Operator ID: CLM27445

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

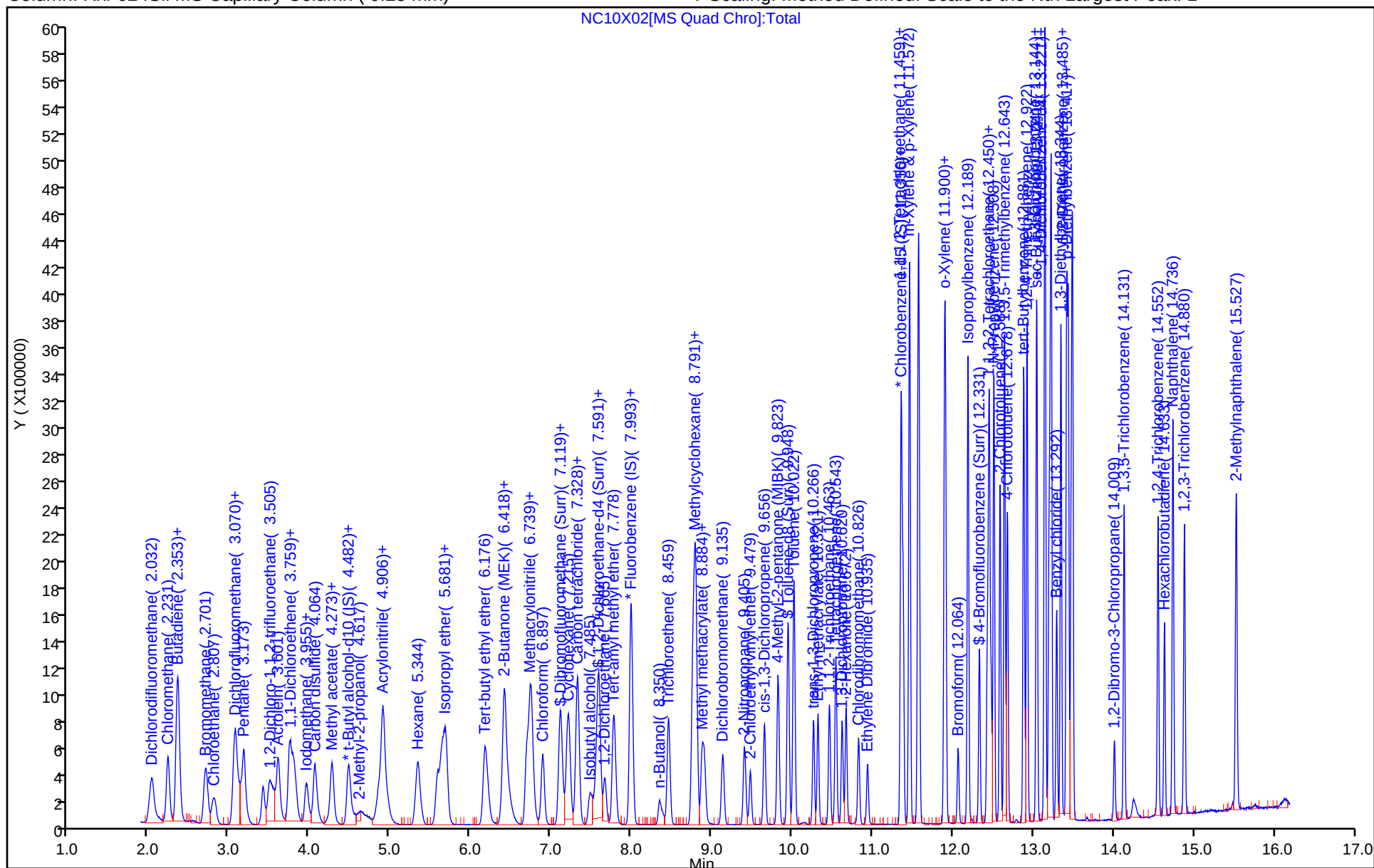
ALS Bottle#: 2

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

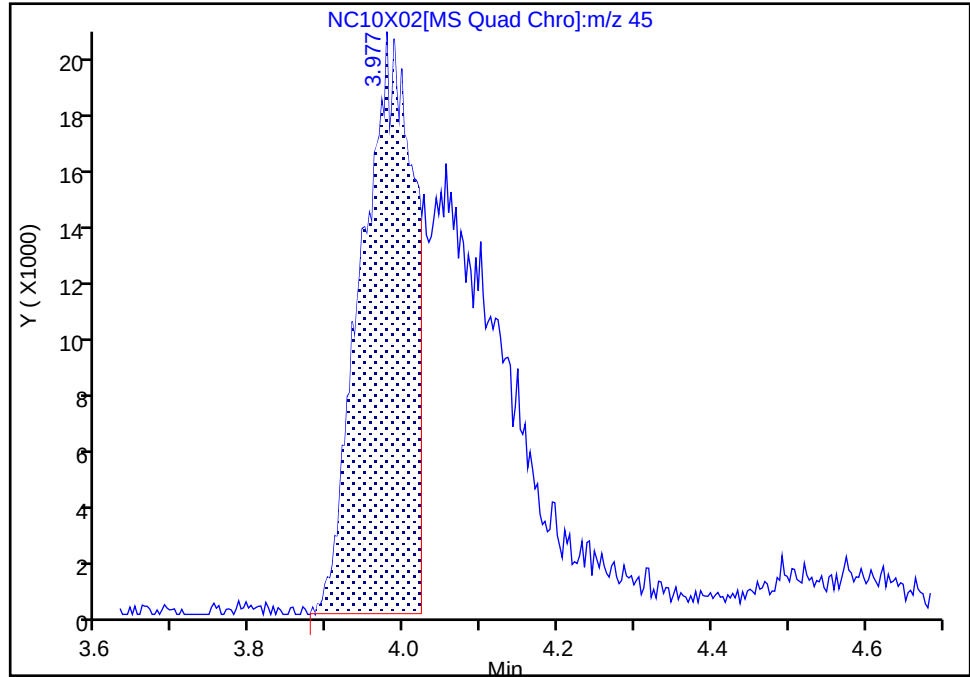
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Injection Date: 10-Oct-2025 10:03:24 Instrument ID: 7159
Lims ID: CCVIS
Client ID:
Operator ID: CLM27445 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

21 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

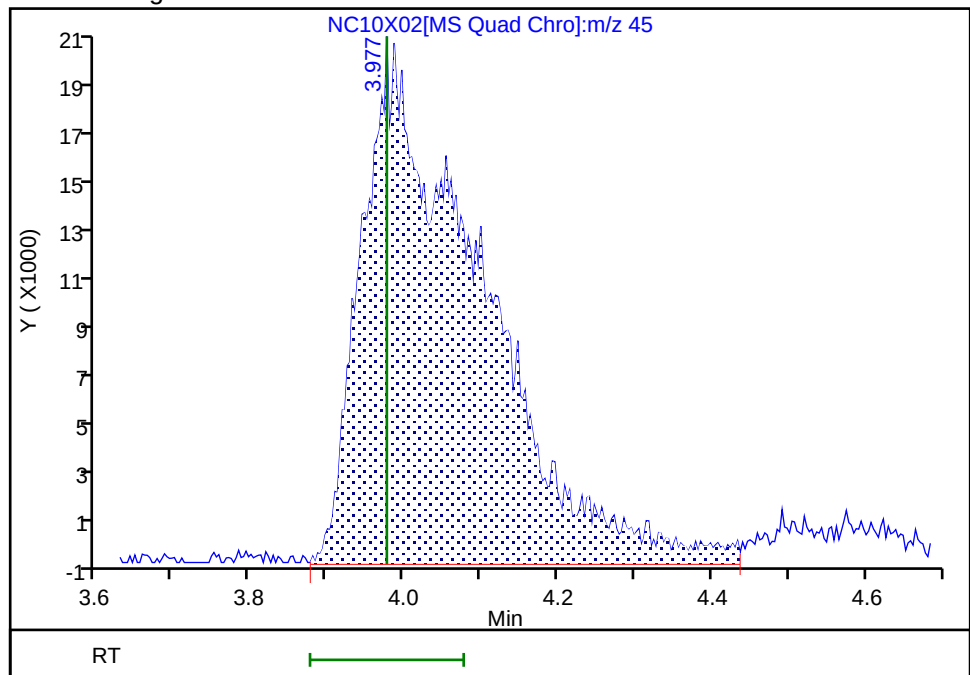
RT: 3.98
Area: 95737
Amount: 84.561707
Amount Units: ug/l

Processing Integration Results



RT: 3.98
Area: 217346
Amount: 191.9754
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 10-Oct-2025 10:46:37 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

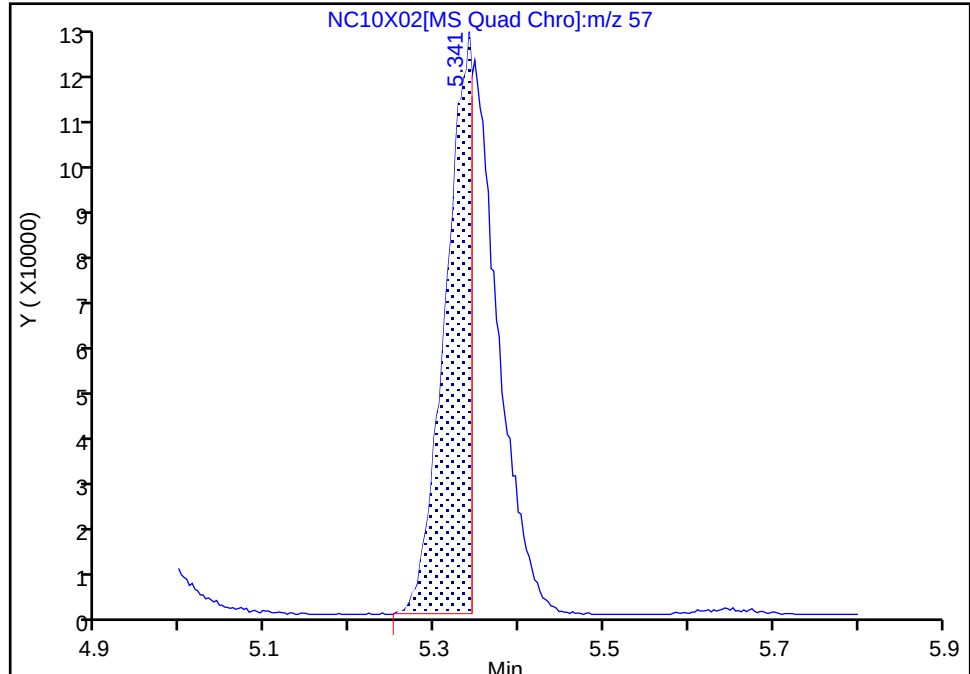
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Injection Date: 10-Oct-2025 10:03:24 Instrument ID: 7159
Lims ID: CCVIS
Client ID:
Operator ID: CLM27445 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

33 Hexane, CAS: 110-54-3

Signal: 1

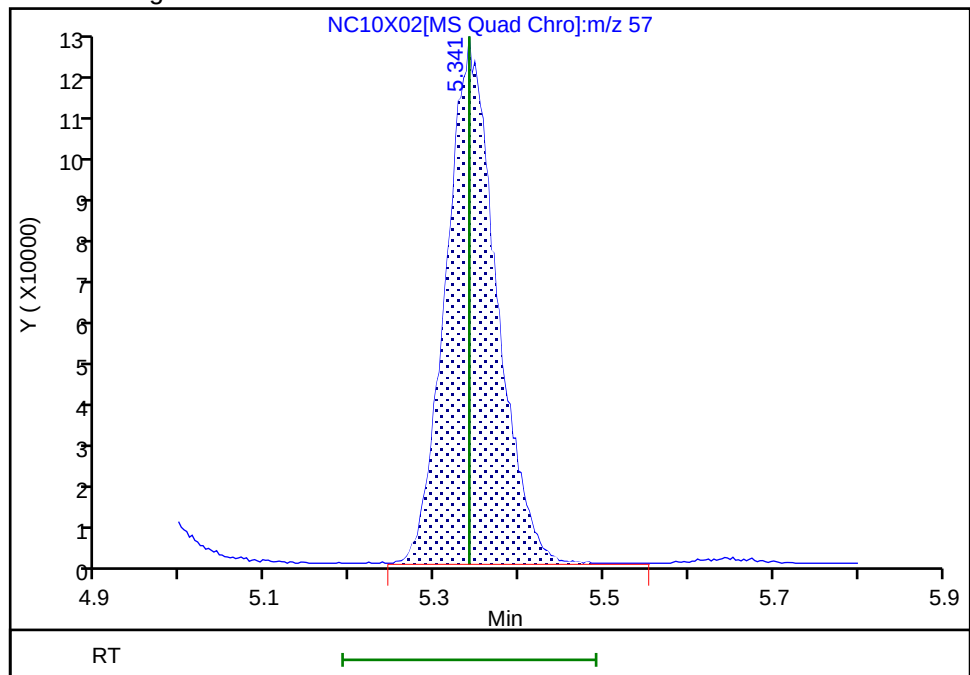
RT: 5.34
Area: 273795
Amount: 30.466996
Amount Units: ug/l

Processing Integration Results



RT: 5.34
Area: 521828
Amount: 58.067283
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 10-Oct-2025 10:46:52 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

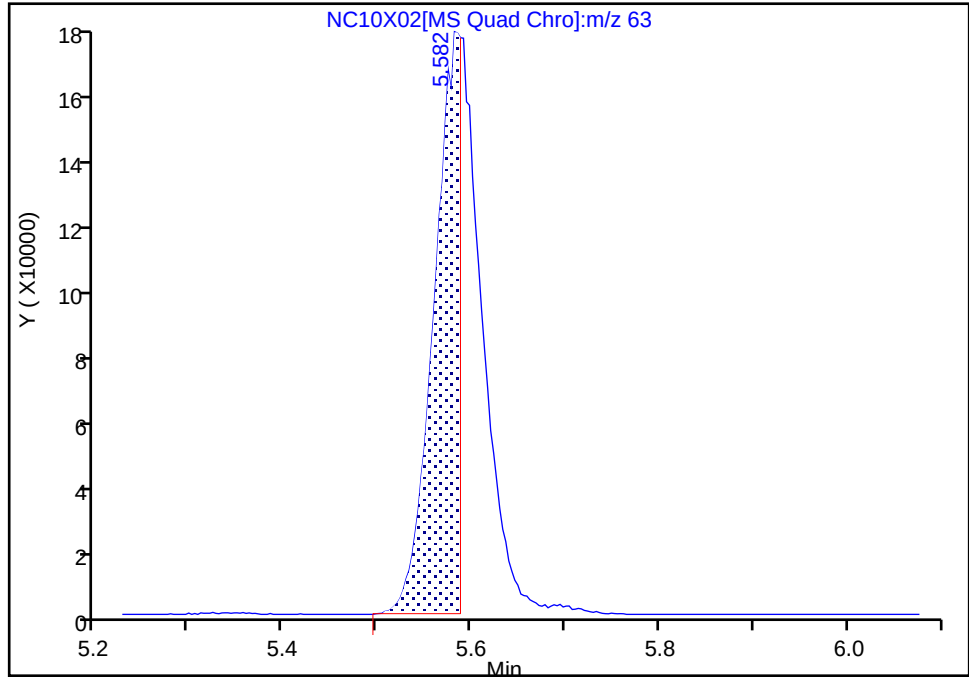
Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X02.D
Injection Date: 10-Oct-2025 10:03:24 Instrument ID: 7159
Lims ID: CCVIS
Client ID:
Operator ID: CLM27445 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

35 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

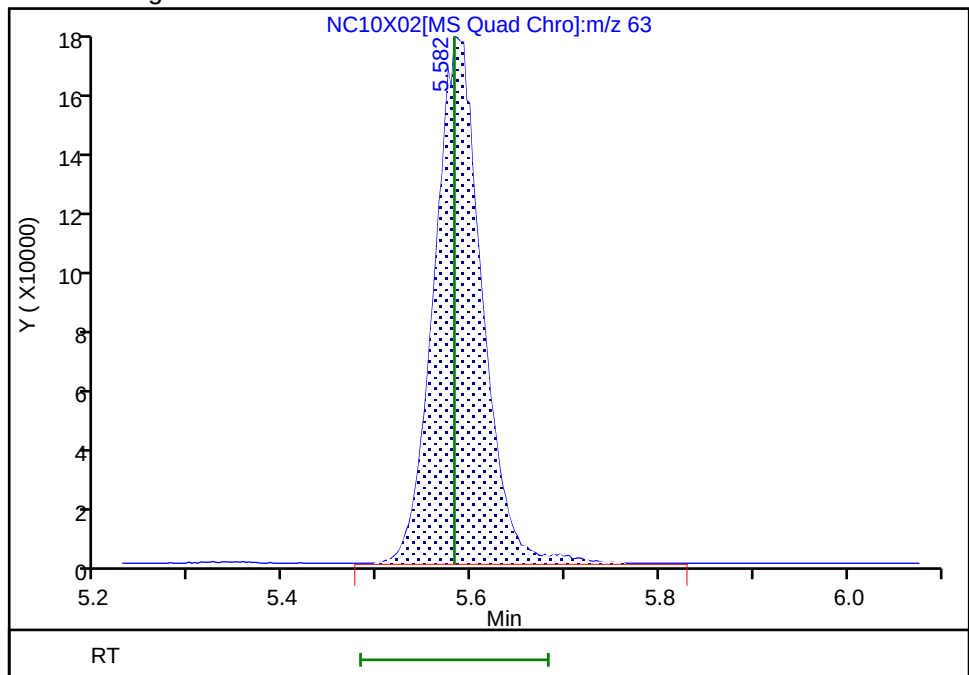
RT: 5.58
Area: 343972
Amount: 28.598278
Amount Units: ug/l

Processing Integration Results



RT: 5.58
Area: 616694
Amount: 51.272739
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 10-Oct-2025 10:46:59 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

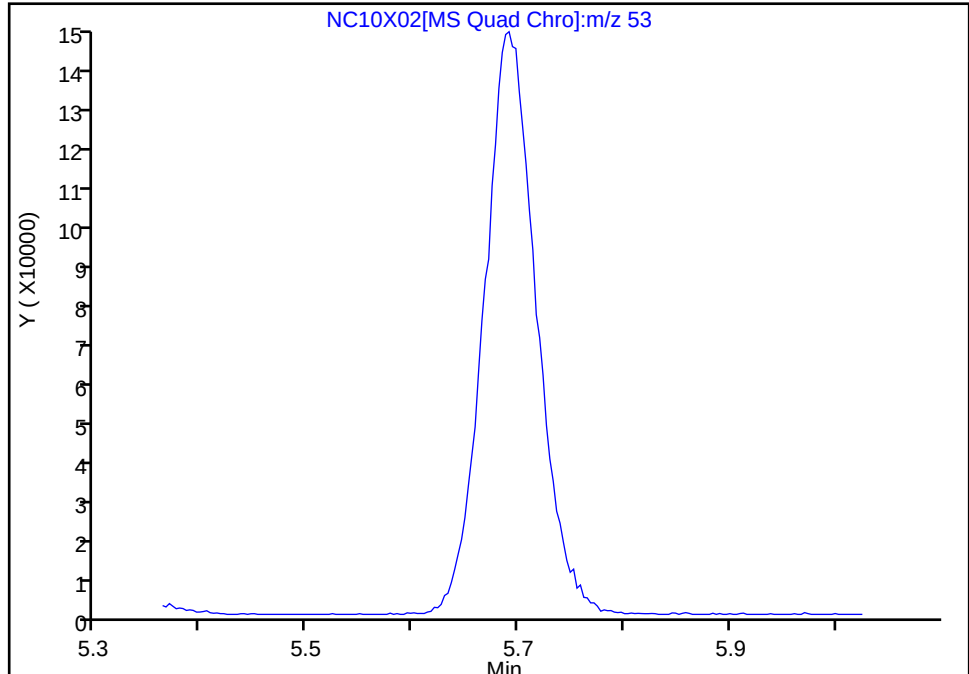
Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X02.D
Injection Date: 10-Oct-2025 10:03:24 Instrument ID: 7159
Lims ID: CCVIS
Client ID:
Operator ID: CLM27445 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

37 2-Chloro-1,3-butadiene, CAS: 126-99-8

Signal: 1

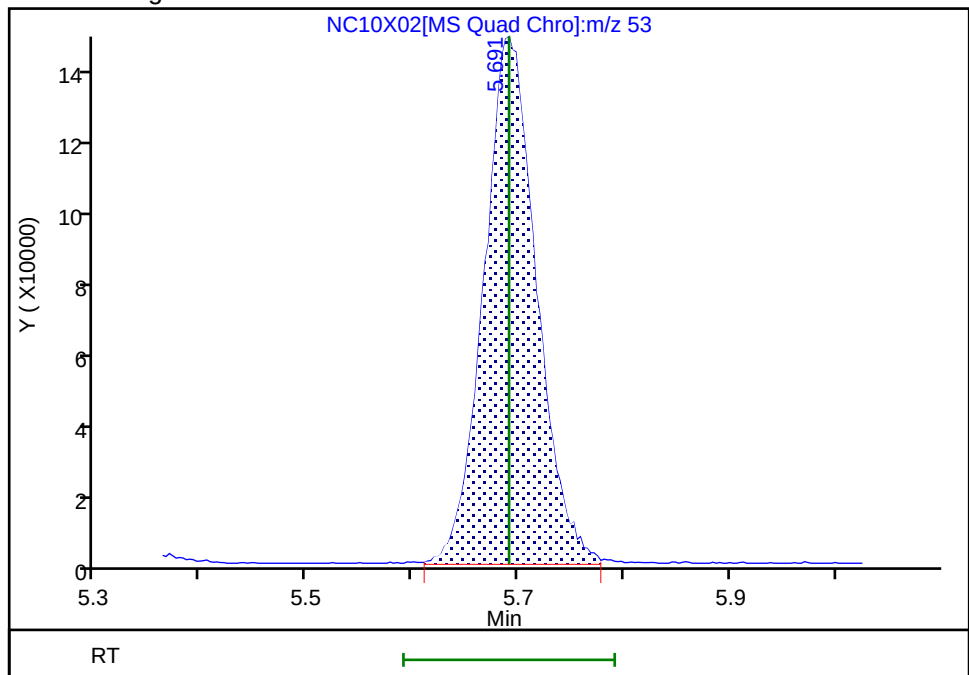
Not Detected
Expected RT: 5.69

Processing Integration Results



RT: 5.69
Area: 485247
Amount: 48.200506
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 10-Oct-2025 10:47:05 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

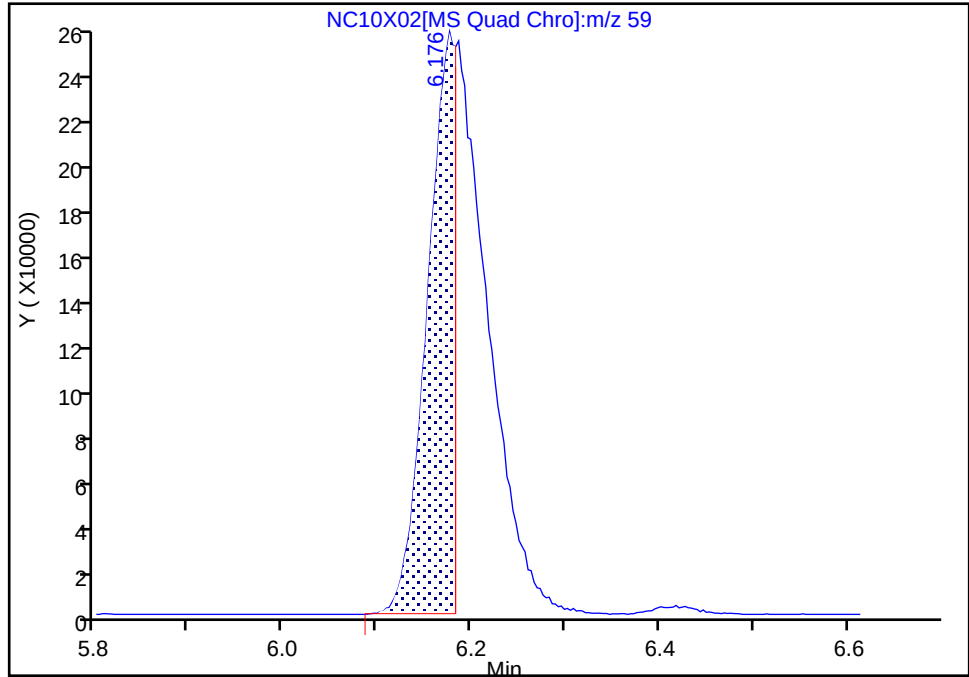
Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X02.D
Injection Date: 10-Oct-2025 10:03:24 Instrument ID: 7159
Lims ID: CCVIS
Client ID:
Operator ID: CLM27445 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

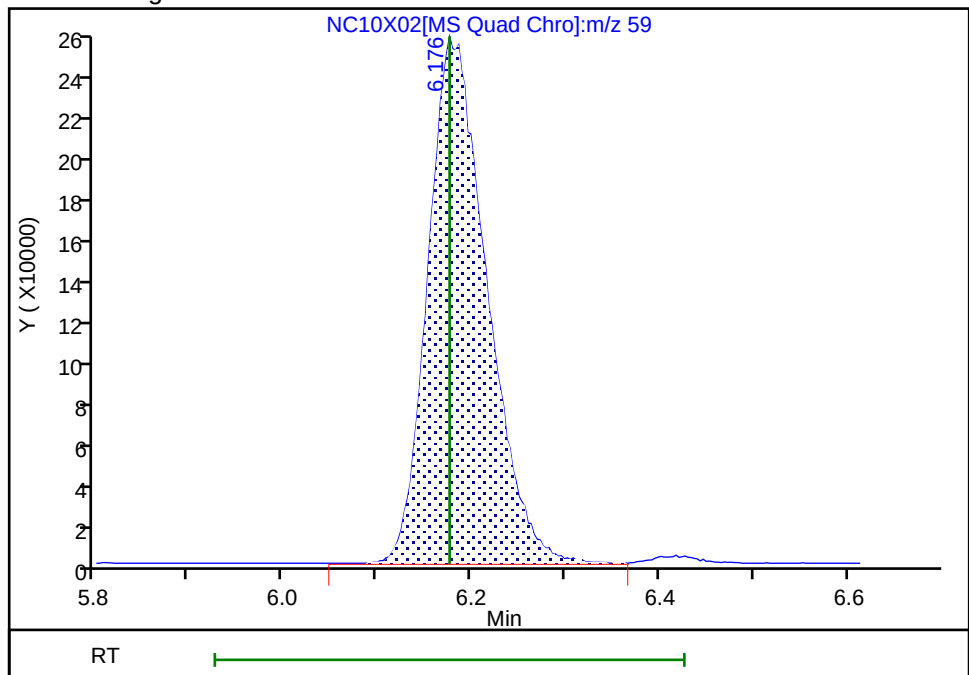
RT: 6.18
Area: 517962
Amount: 23.974304
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 1084129
Amount: 50.179817
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 10-Oct-2025 10:47:16 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

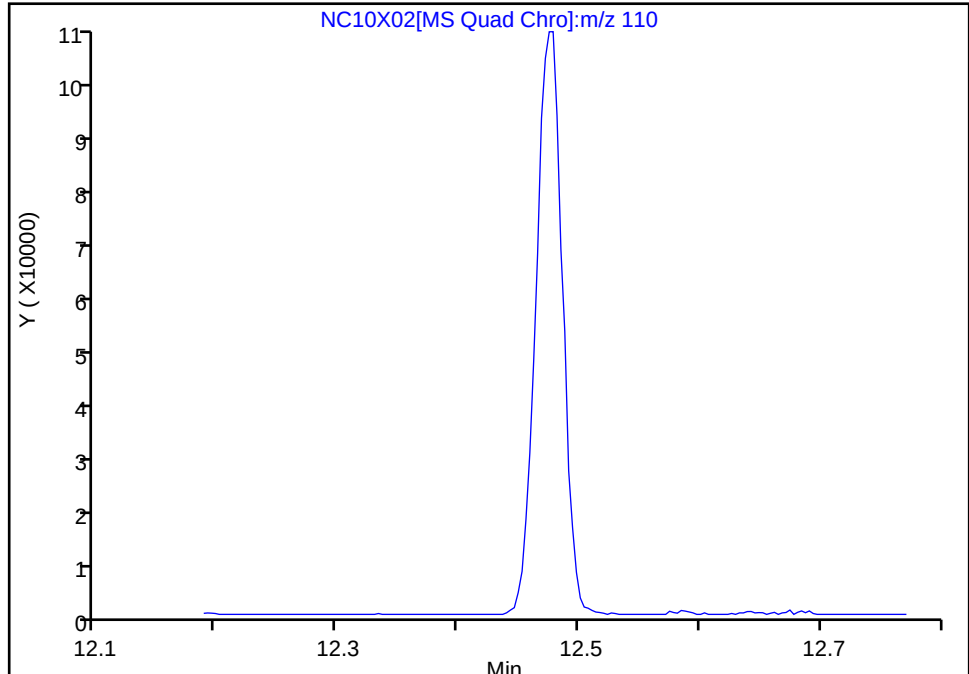
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X02.D
Injection Date: 10-Oct-2025 10:03:24 Instrument ID: 7159
Lims ID: CCVIS
Client ID:
Operator ID: CLM27445 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

148 1,2,3-Trichloropropane, CAS: 96-18-4
Signal: 1

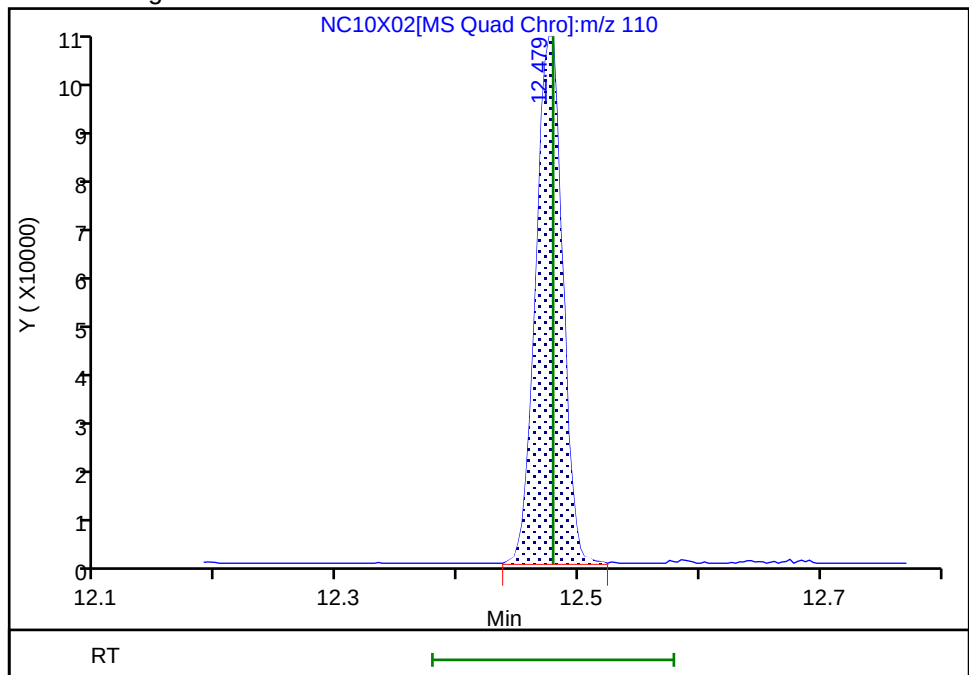
Not Detected
Expected RT: 12.48

Processing Integration Results



RT: 12.48
Area: 156892
Amount: 53.859523
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 10-Oct-2025 10:47:42 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Lab Sample ID: ICV 410-664115/20 Calibration Date: 06/27/2025 19:57
Instrument ID: 9355 Calib Start Date: 06/27/2025 16:57
GC Column: R-624SilMS 30m ID: 0.25 (mm) Calib End Date: 06/27/2025 19:12
Lab File ID: YU27X20.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl acrylate	Ave	0.3895	0.3862		19.8	20.0	-1.0	30.0
Ethyl acrylate	Ave	0.5772	0.5548		19.2	20.0	-4.0	30.0
n-Butyl acrylate	Ave	0.8561	0.7499		17.5	20.0	-12.0	30.0
2-Ethylhexyl acrylate	Ave	1.474	1.258		17.1	20.1	-15.0	30.0
Dibromofluoromethane (Surr)	Ave	0.2376	0.2406		50.6	50.0	1.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0604	0.0610		50.6	50.0	1.0	30.0
Toluene-d8 (Surr)	Ave	1.348	1.362		50.5	50.0	1.0	30.0
4-Bromofluorobenzene (Surr)	Ave	0.5157	0.5036		48.8	50.0	-2.0	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X20.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 27-Jun-2025 19:57:30 ALS Bottle#: 20 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0151826-020
 Misc. Info.: ICV
 Operator ID: kas02648 Instrument ID: 9355
 Sublist:
 Method: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\MSVoa_9355.m
 Limit Group: MSV - 8260C_D
 Last Update: 01-Jul-2025 09:31:22 Calib Date: 27-Jun-2025 19:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1638

First Level Reviewer: UCB5

Date: 01-Jul-2025 09:30:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 t-Butyl alcohol-d10 (IS)	65	3.840	3.818	0.022	94	569672	250.0	250.0	M
47 Methyl acrylate	55	5.827	5.813	0.014	100	172470	20.0	19.8	
\$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	93	268811	50.0	50.6	
\$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.886	6.886	0.000	99	68196	50.0	50.6	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1117255	50.0	50.0	
70 Ethyl acrylate	55	8.158	8.151	0.007	82	247630	20.0	19.2	
\$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1149107	50.0	50.5	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	86	843924	50.0	50.0	
138 n-Butyl acrylate	55	11.462	11.462	0.000	97	252911	20.0	17.5	
\$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.962	0.000	88	424974	50.0	48.8	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	94	485035	50.0	50.0	
179 2-Ethylhexyl acrylate	55	14.293	14.293	0.000	80	244772	20.1	17.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_Q_Acr_Std_00012

Amount Added: 2.00

Units: uL

MSV_HP20_ISSS_00151

Amount Added: 1.00

Units: uL

Run Reagent

Report Date: 01-Jul-2025 09:31:44

Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X20.D

Injection Date: 27-Jun-2025 19:57:30

Instrument ID: 9355

Operator ID: kas02648

Lims ID: ICV

Worklist Smp#: 20

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

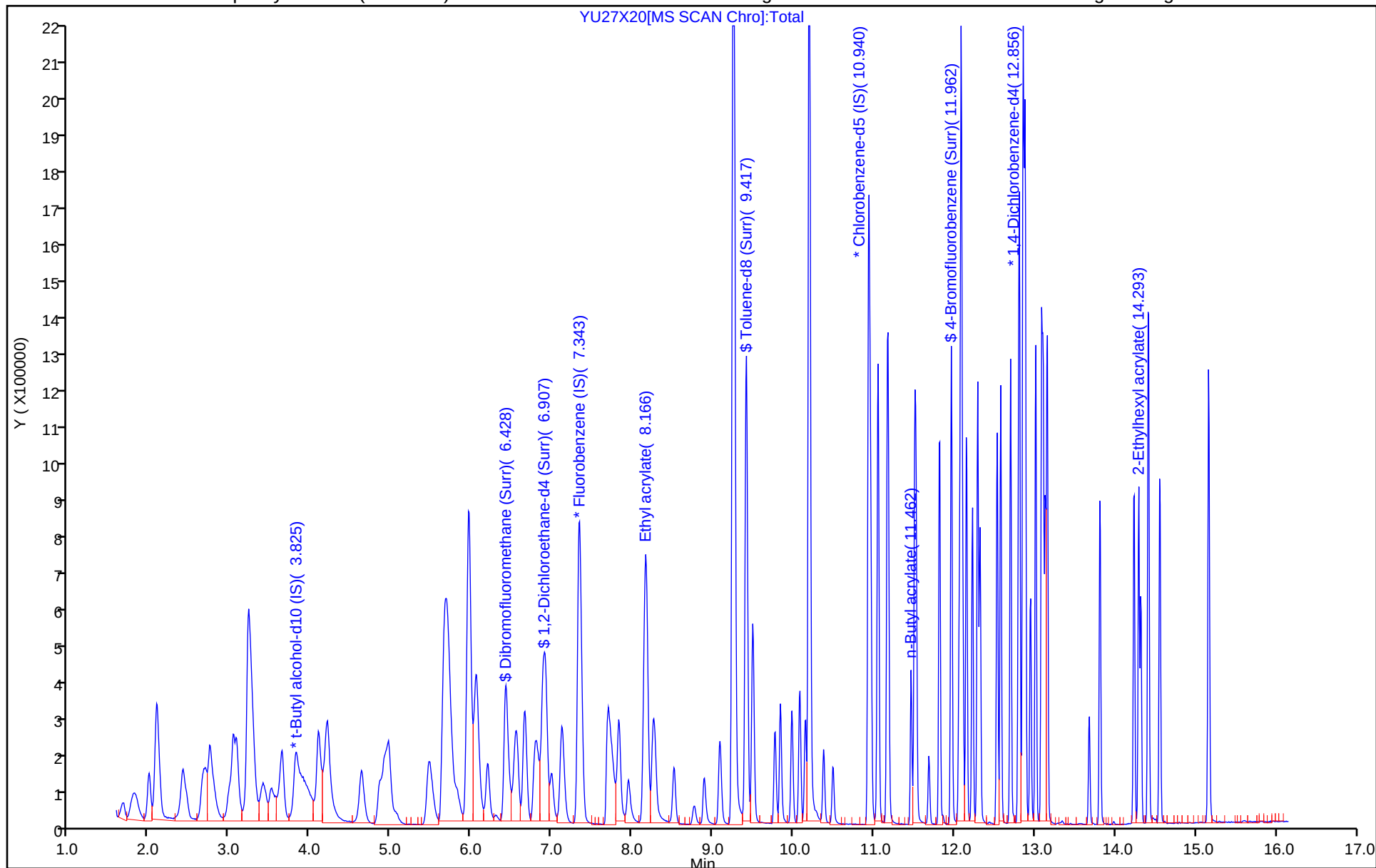
ALS Bottle#: 20

Method: MSVoa_9355

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

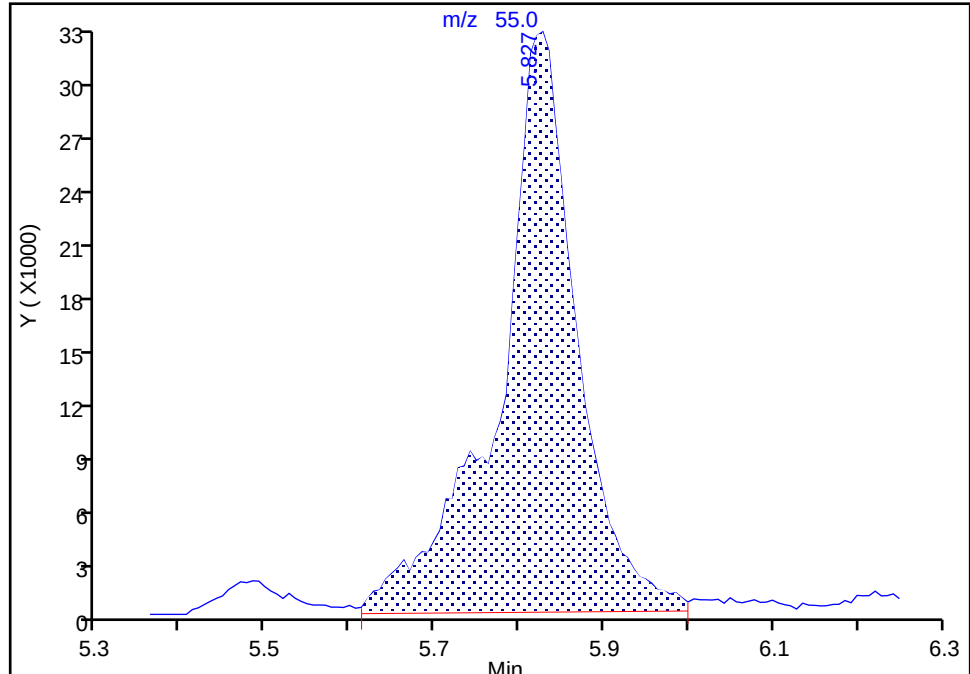
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X20.D
Injection Date: 27-Jun-2025 19:57:30 Instrument ID: 9355
Lims ID: ICV
Client ID:
Operator ID: kas02648 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

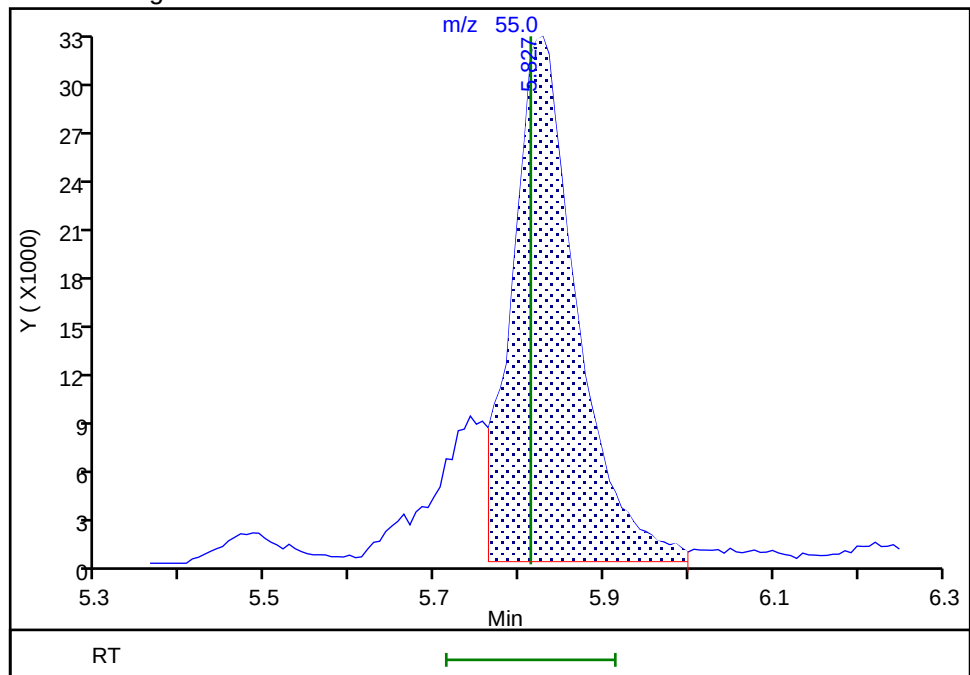
RT: 5.83
Area: 208358
Amount: 23.940768
Amount Units: ug/l

Processing Integration Results



RT: 5.83
Area: 172470
Amount: 19.817162
Amount Units: ug/l

Manual Integration Results



Reviewer: UCB5, 01-Jul-2025 09:31:07 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Split Peak

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab Sample ID: CCVIS 410-713392/3

Calibration Date: 10/13/2025 23:09

Instrument ID: 9355

Calib Start Date: 06/27/2025 16:57

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 06/27/2025 19:12

Lab File ID: YC13X52.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4254	0.6504	0.1000	76.5	50.0	53.0*	20.0
Chloromethane	Ave	0.5335	0.5925	0.1000	55.5	50.0	11.0	20.0
1,3-Butadiene	Ave	0.4767	0.5303		55.6	50.0	11.0	20.0
Vinyl chloride	Ave	0.4938	0.5907	0.1000	59.8	50.0	20.0	20.0
Bromomethane	Ave	0.3459	0.4159	0.1000	60.1	50.0	20.0	20.0
Chloroethane	Ave	0.2462	0.2656	0.1000	53.9	50.0	8.0	20.0
Dichlorofluoromethane	Ave	0.7546	0.7844		52.0	50.0	4.0	20.0
n-Pentane	Ave	0.4672	0.4435		47.5	50.0	-5.0	20.0
Trichlorofluoromethane	Ave	0.5156	0.7002	0.1000	67.9	50.0	36.0*	20.0
Freon 123a	Ave	0.3503	0.3622		51.7	50.0	3.0	20.0
Acrolein	Ave	0.9640	1.362		690	488	41.0*	20.0
1,1-Dichloroethene	Ave	0.2352	0.2717	0.1000	57.8	50.0	16.0	20.0
Acetone	Ave	0.5302	0.7539	0.1000	142	100	42.0*	20.0
Freon 113	Ave	0.3060	0.3327	0.1000	54.4	50.0	9.0	20.0
2-Propanol	Ave	0.8897	0.7151		201	250	-20.0	20.0
Methyl iodide	Ave	0.4710	0.5750		61.0	50.0	22.0*	20.0
Carbon disulfide	Ave	0.8556	1.056	0.1000	61.7	50.0	23.0*	20.0
Methyl acetate	Ave	0.3121	0.3097	0.1000	49.6	50.0	-1.0	20.0
Allyl chloride	Ave	0.4055	0.3484		43.0	50.0	-14.0	20.0
Methylene Chloride	Ave	0.2748	0.3172	0.1000	57.7	50.0	15.0	20.0
t-Butyl alcohol	Ave	1.007	1.011		251	250	0.0	20.0
Acrylonitrile	Ave	0.1770	0.1805		127	125	2.0	20.0
Methyl tert-butyl ether	Ave	0.9579	0.9838	0.1000	51.4	50.0	3.0	20.0
trans-1,2-Dichloroethene	Ave	0.2339	0.2697	0.1000	57.7	50.0	15.0	20.0
n-Hexane	Ave	0.3842	0.3664		47.7	50.0	-5.0	20.0
1,1-Dichloroethane	Ave	0.4227	0.4570	0.2000	54.1	50.0	8.0	20.0
Isopropyl ether	Ave	0.8767	0.7946		45.3	50.0	-9.0	20.0
2-Chloro-1,3-butadiene	Ave	0.3779	0.3519		46.6	50.0	-7.0	20.0
Ethyl t-butyl ether	Ave	0.9152	0.8470		46.3	50.0	-7.0	20.0
2-Butanone (MEK)	Ave	0.2562	0.2352	0.1000	91.8	100	-8.0	20.0
cis-1,2-Dichloroethene	Ave	0.2753	0.3030	0.1000	55.0	50.0	10.0	20.0
2,2-Dichloropropane	Ave	0.4271	0.4695		55.0	50.0	10.0	20.0
Propionitrile	Ave	0.8643	1.064		308	250	23.0*	20.0
Methacrylonitrile	Ave	0.1765	0.1874		133	125	6.0	20.0
Bromochloromethane	Ave	0.1359	0.1736		63.9	50.0	28.0*	20.0
Tetrahydrofuran	Ave	0.7474	0.9325		312	250	25.0*	20.0
Chloroform	Ave	0.4233	0.4722	0.2000	55.8	50.0	12.0	20.0
1,1,1-Trichloroethane	Ave	0.4195	0.4729	0.1000	56.4	50.0	13.0	20.0
Cyclohexane	Ave	0.5454	0.5073	0.1000	46.5	50.0	-7.0	20.0
1,1-Dichloropropene	Ave	0.3465	0.3650		52.7	50.0	5.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Lab Sample ID: CCVIS 410-713392/3

Calibration Date: 10/13/2025 23:09

Instrument ID: 9355

Calib Start Date: 06/27/2025 16:57

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 06/27/2025 19:12

Lab File ID: YC13X52.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.3448	0.4209	0.1000	61.0	50.0	22.0*	20.0
Isobutyl alcohol	Ave	0.3342	0.3555		665	625	6.0	20.0
Benzene	Ave	1.049	1.119	0.5000	53.3	50.0	7.0	20.0
1,2-Dichloroethane	Ave	0.3416	0.3619	0.1000	53.0	50.0	6.0	20.0
t-Amyl methyl ether	Ave	0.8916	0.9068		50.9	50.0	2.0	20.0
n-Heptane	Ave	0.3838	0.3618		47.1	50.0	-6.0	20.0
n-Butanol	Ave	0.2490	0.3024		759	625	21.0*	20.0
Trichloroethene	Ave	0.2681	0.2961	0.2000	55.2	50.0	10.0	20.0
Methylcyclohexane	Ave	0.5496	0.5726	0.1000	52.1	50.0	4.0	20.0
1,2-Dichloropropane	Ave	0.2828	0.2994	0.1000	52.9	50.0	6.0	20.0
t-Amyl ethyl ether	Ave	0.4233	0.4714		55.7	50.0	11.0	20.0
Methyl methacrylate	Ave	0.2707	0.2780		51.4	50.0	3.0	20.0
1,4-Dioxane	Ave	0.0856	0.1146	0.0050	837	625	34.0*	20.0
Dibromomethane	Ave	0.1801	0.2116		58.8	50.0	18.0	20.0
Bromodichloromethane	Ave	0.3215	0.3749	0.2000	58.3	50.0	17.0	20.0
2-Nitropropane	Ave	1.234	1.552		315	250	26.0*	20.0
2-Chloroethyl vinyl ether	Ave	0.1832	0.1992		54.4	50.0	9.0	20.0
cis-1,3-Dichloropropene	Ave	0.4305	0.4512	0.2000	52.4	50.0	5.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4977	0.5165	0.1000	104	100	4.0	20.0
Toluene	Ave	0.8765	0.9233	0.4000	52.7	50.0	5.0	20.0
trans-1,3-Dichloropropene	Ave	0.5301	0.5373	0.1000	50.7	50.0	1.0	20.0
Ethyl methacrylate	Ave	0.6182	0.5676		45.9	50.0	-8.0	20.0
1,1,2-Trichloroethane	Ave	0.3401	0.3797	0.1000	55.8	50.0	12.0	20.0
Tetrachloroethene	Ave	0.3601	0.4298	0.2000	59.7	50.0	19.0	20.0
1,3-Dichloropropane	Ave	0.5582	0.6004		53.8	50.0	8.0	20.0
2-Hexanone	Ave	0.4695	0.4719	0.1000	101	100	1.0	20.0
Dibromochloromethane	Ave	0.3526	0.4562		64.7	50.0	29.0*	20.0
1,2-Dibromoethane (EDB)	Ave	0.3593	0.4142	0.1000	57.6	50.0	15.0	20.0
1-Chlorohexane	Ave	0.4975	0.4831		48.6	50.0	-3.0	20.0
Chlorobenzene	Ave	1.006	1.155	0.5000	57.4	50.0	15.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3752	0.4659		62.1	50.0	24.0*	20.0
Ethylbenzene	Ave	1.778	1.823	0.1000	51.3	50.0	3.0	20.0
m&p-Xylene	Ave	0.6984	0.7700	0.1000	110	100	10.0	20.0
o-Xylene	Ave	0.7302	0.7915	0.3000	54.2	50.0	8.0	20.0
Styrene	Ave	1.145	1.252	0.3000	54.7	50.0	9.0	20.0
Bromoform	Ave	0.2588	0.3636	0.1000	70.3	50.0	41.0*	20.0
Isopropylbenzene	Ave	1.753	2.126	0.1000	60.6	50.0	21.0*	20.0
1,1,2,2-Tetrachloroethane	Ave	1.125	1.231	0.3000	54.7	50.0	9.0	20.0
Bromobenzene	Ave	0.7386	0.8009		54.2	50.0	8.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3157	0.2667		106	125	-16.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.: _____

Lab Sample ID: CCVIS 410-713392/3

Calibration Date: 10/13/2025 23:09

Instrument ID: 9355

Calib Start Date: 06/27/2025 16:57

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 06/27/2025 19:12

Lab File ID: YC13X52.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichloropropane	Ave	0.3340	0.3785		56.7	50.0	13.0	20.0
N-Propylbenzene	Ave	3.696	3.509		47.5	50.0	-5.0	20.0
2-Chlorotoluene	Ave	0.7785	0.7980		51.2	50.0	2.0	20.0
1,3,5-Trimethylbenzene	Ave	2.897	2.859		49.3	50.0	-1.0	20.0
4-Chlorotoluene	Ave	0.7519	0.8149		54.2	50.0	8.0	20.0
tert-Butylbenzene	Ave	0.5542	0.6170		55.7	50.0	11.0	20.0
1,2,4-Trimethylbenzene	Ave	2.984	3.004		50.3	50.0	1.0	20.0
sec-Butylbenzene	Ave	3.686	3.796		51.5	50.0	3.0	20.0
1,3-Dichlorobenzene	Ave	1.517	1.723	0.6000	56.8	50.0	14.0	20.0
p-Isopropyltoluene	Ave	3.224	3.410		52.9	50.0	6.0	20.0
1,4-Dichlorobenzene	Ave	1.564	1.776	0.5000	56.8	50.0	14.0	20.0
1,2,3-Trimethylbenzene	Ave	3.241	3.305		51.0	50.0	2.0	20.0
Benzyl chloride	Ave	2.242	2.574		57.4	50.0	15.0	20.0
1,3-Diethylbenzene	Ave	1.895	1.958		51.7	50.0	3.0	20.0
1,4-Diethylbenzene	Ave	2.015	2.136		53.0	50.0	6.0	20.0
n-Butylbenzene	Ave	1.617	1.655		51.2	50.0	2.0	20.0
1,2-Dichlorobenzene	Ave	1.620	1.921	0.4000	59.3	50.0	19.0	20.0
1,2-Diethylbenzene	Ave	1.682	1.807		53.7	50.0	7.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3591	0.4201	0.0500	58.5	50.0	17.0	20.0
1,3,5-Trichlorobenzene	Ave	1.324	1.484		56.0	50.0	12.0	20.0
1,2,4-Trichlorobenzene	Ave	1.365	1.524	0.2000	55.8	50.0	12.0	20.0
Hexachlorobutadiene	Ave	0.5747	0.5639		49.1	50.0	-2.0	20.0
Naphthalene	Ave	5.247	5.859		55.8	50.0	12.0	20.0
1,2,3-Trichlorobenzene	Ave	1.428	1.542		54.0	50.0	8.0	20.0
2-Methylnaphthalene	Ave	3.044	2.565		42.1	50.0	-16.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2376	0.2475		52.1	50.0	4.0	
1,2-Dichloroethane-d4 (Surr)	Ave	0.0604	0.0632		52.4	50.0	5.0	
Toluene-d8 (Surr)	Ave	1.348	1.294		48.0	50.0	-4.0	
4-Bromofluorobenzene (Surr)	Ave	0.5157	0.4734		45.9	50.0	-8.0	

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X52.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 13-Oct-2025 23:09:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0163047-003
 Misc. Info.: CCVIS
 Operator ID: KEL87800 Instrument ID: 9355
 Sublist: chrom-MSVoa_9355*sub46
 Method: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\MSVoa_9355.m
 Limit Group: MSV - 8260C_D
 Last Update: 14-Oct-2025 12:46:07 Calib Date: 27-Jun-2025 19:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1602

First Level Reviewer: N9NA

Date: 14-Oct-2025 12:46:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.816	1.816	0.000	99	867346	50.0	76.5	
6 Chloromethane	50	1.995	1.995	0.000	99	790092	50.0	55.5	
8 Butadiene	39	2.088	2.088	0.000	88	707155	50.0	55.6	
7 Vinyl chloride	62	2.095	2.095	0.000	98	787703	50.0	59.8	
10 Bromomethane	94	2.410	2.410	0.000	91	554546	50.0	60.1	
11 Chloroethane	64	2.460	2.460	0.000	100	354153	50.0	53.9	
12 Dichlorofluoromethane	67	2.696	2.696	0.000	97	1045985	50.0	52.0	
13 Pentane	43	2.753	2.753	0.000	89	591445	50.0	47.5	
14 Trichlorofluoromethane	101	2.753	2.753	0.000	97	933696	50.0	67.9	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.010	3.010	0.000	90	483003	50.0	51.7	
18 Acrolein	56	3.082	3.082	0.000	99	1455033	487.9	689.5	
19 1,1-Dichloroethene	96	3.225	3.225	0.000	97	362297	50.0	57.8	
20 Acetone	58	3.232	3.232	0.000	100	165028	100.0	142.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.268	3.268	0.000	92	443641	50.0	54.4	
22 Isopropyl alcohol	45	3.382	3.382	0.000	99	391315	250.0	200.9	M
23 Iodomethane	142	3.432	3.432	0.000	97	766734	50.0	61.0	
24 Carbon disulfide	76	3.568	3.568	0.000	99	1408353	50.0	61.7	M
26 Methyl acetate	43	3.618	3.618	0.000	97	412985	50.0	49.6	M
27 3-Chloro-1-propene	41	3.647	3.647	0.000	85	464626	50.0	43.0	
* 28 t-Butyl alcohol-d10 (IS)	65	3.811	3.811	0.000	98	547240	250.0	250.0	
29 Methylene Chloride	84	3.818	3.818	0.000	89	423030	50.0	57.7	
30 2-Methyl-2-propanol	59	3.919	3.919	0.000	99	553057	250.0	250.8	
31 Acrylonitrile	53	4.097	4.097	0.000	99	601577	125.0	127.4	
32 Methyl tert-butyl ether	73	4.183	4.183	0.000	95	1311886	50.0	51.4	
33 trans-1,2-Dichloroethene	96	4.205	4.205	0.000	98	359689	50.0	57.7	
35 Hexane	57	4.634	4.634	0.000	92	488638	50.0	47.7	
37 1,1-Dichloroethane	63	4.855	4.855	0.000	96	609427	50.0	54.1	
38 Isopropyl ether	45	4.920	4.920	0.000	93	1059564	50.0	45.3	
39 2-Chloro-1,3-butadiene	53	4.970	4.970	0.000	89	469296	50.0	46.6	
41 Tert-butyl ethyl ether	59	5.470	5.470	0.000	96	1129430	50.0	46.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2-Butanone (MEK)	43	5.670	5.670	0.000	99	627219	100.0	91.8	
43 cis-1,2-Dichloroethene	96	5.706	5.706	0.000	81	404047	50.0	55.0	
44 2,2-Dichloropropane	77	5.728	5.728	0.000	87	626040	50.0	55.0	
45 Propionitrile	54	5.742	5.742	0.000	99	582240	250.0	307.8	
48 Methacrylonitrile	67	5.971	5.971	0.000	89	624623	125.0	132.7	
50 Chlorobromomethane	128	6.042	6.042	0.000	87	231465	50.0	63.9	
51 Tetrahydrofuran	71	6.064	6.064	0.000	89	510327	250.0	311.9	
53 Chloroform	83	6.199	6.199	0.000	93	629625	50.0	55.8	
\$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	94	330098	50.0	52.1	
55 1,1,1-Trichloroethane	97	6.435	6.435	0.000	98	630559	50.0	56.4	
56 Cyclohexane	56	6.557	6.557	0.000	90	676411	50.0	46.5	
57 1,1-Dichloropropene	75	6.657	6.657	0.000	96	486752	50.0	52.7	
58 Carbon tetrachloride	117	6.664	6.664	0.000	95	561280	50.0	61.0	
59 Isobutyl alcohol	41	6.793	6.793	0.000	94	486338	625.0	664.8	
\$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.886	6.886	0.000	100	84319	50.0	52.4	
61 Benzene	78	6.922	6.922	0.000	96	1491894	50.0	53.3	
62 1,2-Dichloroethane	62	6.993	6.993	0.000	97	482570	50.0	53.0	
64 Tert-amyl methyl ether	73	7.122	7.122	0.000	99	1209189	50.0	50.9	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1333474	50.0	50.0	
66 n-Heptane	43	7.358	7.358	0.000	90	482483	50.0	47.1	
67 n-Butanol	56	7.715	7.715	0.000	89	413701	625.0	759.1	
69 Trichloroethene	95	7.830	7.830	0.000	96	394901	50.0	55.2	
71 Methylcyclohexane	83	8.151	8.151	0.000	90	763495	50.0	52.1	
72 1,2-Dichloropropane	63	8.159	8.159	0.000	94	399221	50.0	52.9	
73 2-ethoxy-2-methyl butane	87	8.180	8.180	0.000	95	628579	50.0	55.7	
74 Methyl methacrylate	69	8.252	8.252	0.000	89	370713	50.0	51.4	
75 1,4-Dioxane	88	8.259	8.259	0.000	38	156818	625.0	836.6	
76 Dibromomethane	93	8.273	8.273	0.000	94	282197	50.0	58.8	
78 Dichlorobromomethane	83	8.516	8.516	0.000	99	499950	50.0	58.3	
79 2-Nitropropane	41	8.759	8.759	0.000	98	849586	250.0	314.6	
80 2-Chloroethyl vinyl ether	63	8.888	8.888	0.000	92	265683	50.0	54.4	
81 cis-1,3-Dichloropropene	75	9.081	9.081	0.000	97	601647	50.0	52.4	
82 4-Methyl-2-pentanone (MIBK)	43	9.253	9.253	0.000	96	1377529	100.0	103.8	
\$ 83 Toluene-d8 (Surr)	98	9.410	9.410	0.000	93	1332164	50.0	48.0	
95 Toluene	92	9.496	9.496	0.000	98	950159	50.0	52.7	
96 trans-1,3-Dichloropropene	75	9.767	9.767	0.000	91	552911	50.0	50.7	
97 Ethyl methacrylate	69	9.839	9.839	0.000	89	584117	50.0	45.9	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	90	390791	50.0	55.8	
114 Tetrachloroethene	166	10.075	10.075	0.000	96	442312	50.0	59.7	
115 1,3-Dichloropropane	76	10.146	10.146	0.000	89	617856	50.0	53.8	
117 2-Hexanone	43	10.196	10.196	0.000	96	971354	100.0	100.5	
119 Chlorodibromomethane	129	10.375	10.375	0.000	90	469513	50.0	64.7	
120 Ethylene Dibromide	107	10.490	10.490	0.000	99	426215	50.0	57.6	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	85	1029126	50.0	50.0	
122 1-Chlorohexane	91	10.947	10.947	0.000	96	497147	50.0	48.6	
132 Chlorobenzene	112	10.962	10.962	0.000	97	1188526	50.0	57.4	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	97	479490	50.0	62.1	
135 Ethylbenzene	91	11.054	11.054	0.000	97	1875853	50.0	51.3	
137 m-Xylene & p-Xylene	106	11.169	11.169	0.000	98	1584889	100.0	110.3	
139 o-Xylene	106	11.505	11.505	0.000	96	814524	50.0	54.2	
140 Styrene	104	11.526	11.526	0.000	95	1288601	50.0	54.7	
141 Bromoform	173	11.684	11.684	0.000	97	374182	50.0	70.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
142 Isopropylbenzene	105	11.812	11.812	0.000	95	2187820	50.0	60.6	
\$ 145 4-Bromofluorobenzene (Surr)	95	11.963	11.963	0.000	92	487145	50.0	45.9	
147 1,1,2,2-Tetrachloroethane	83	12.063	12.063	0.000	94	860213	50.0	54.7	
149 Bromobenzene	156	12.077	12.077	0.000	96	559676	50.0	54.2	
148 trans-1,4-Dichloro-2-butene	53	12.084	12.084	0.000	90	466005	125.0	105.6	
150 1,2,3-Trichloropropane	110	12.106	12.106	0.000	83	264527	50.0	56.7	
151 N-Propylbenzene	91	12.148	12.148	0.000	98	2451979	50.0	47.5	
152 2-Chlorotoluene	126	12.227	12.227	0.000	98	557642	50.0	51.2	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	94	1997583	50.0	49.3	
154 4-Chlorotoluene	126	12.320	12.320	0.000	96	569438	50.0	54.2	
156 tert-Butylbenzene	134	12.535	12.535	0.000	92	431166	50.0	55.7	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	97	2099144	50.0	50.3	
159 sec-Butylbenzene	105	12.699	12.699	0.000	93	2652831	50.0	51.5	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	98	1204260	50.0	56.8	
161 4-Isopropyltoluene	119	12.806	12.806	0.000	97	2383113	50.0	52.9	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	93	698807	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.871	12.871	0.000	95	1240959	50.0	56.8	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	98	2309811	50.0	51.0	
168 Benzyl chloride	91	12.949	12.949	0.000	98	1798917	50.0	57.4	
169 1,3-Diethylbenzene	119	13.014	13.014	0.000	96	1368291	50.0	51.7	
170 p-Diethylbenzene	119	13.085	13.085	0.000	94	1492961	50.0	53.0	
171 n-Butylbenzene	92	13.107	13.107	0.000	97	1156429	50.0	51.2	
172 1,2-Dichlorobenzene	146	13.128	13.128	0.000	99	1342382	50.0	59.3	
173 o-diethylbenzene	119	13.157	13.157	0.000	94	1262833	50.0	53.7	
176 1,2-Dibromo-3-Chloropropane	75	13.679	13.679	0.000	89	293538	50.0	58.5	
177 1,3,5-Trichlorobenzene	180	13.814	13.814	0.000	98	1037050	50.0	56.0	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	94	1065132	50.0	55.8	
180 Hexachlorobutadiene	225	14.322	14.322	0.000	98	394040	50.0	49.1	
181 Naphthalene	128	14.415	14.415	0.000	97	4094056	50.0	55.8	
182 1,2,3-Trichlorobenzene	180	14.558	14.558	0.000	96	1077401	50.0	54.0	
183 2-Methylnaphthalene	142	15.166	15.166	0.000	92	1792568	50.0	42.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00257	Amount Added: 5.00	Units: uL	
MSV_CCV_VOC#3_00259	Amount Added: 4.00	Units: uL	
MSV_CCV_2CEVE_00250	Amount Added: 5.00	Units: uL	
MSV_CCV_GASES_01122	Amount Added: 2.50	Units: uL	
MSV_HP20_ISSS_00169	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 14-Oct-2025 12:46:08

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X52.D

Injection Date: 13-Oct-2025 23:09:30

Instrument ID: 9355

Operator ID: KEL87800

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

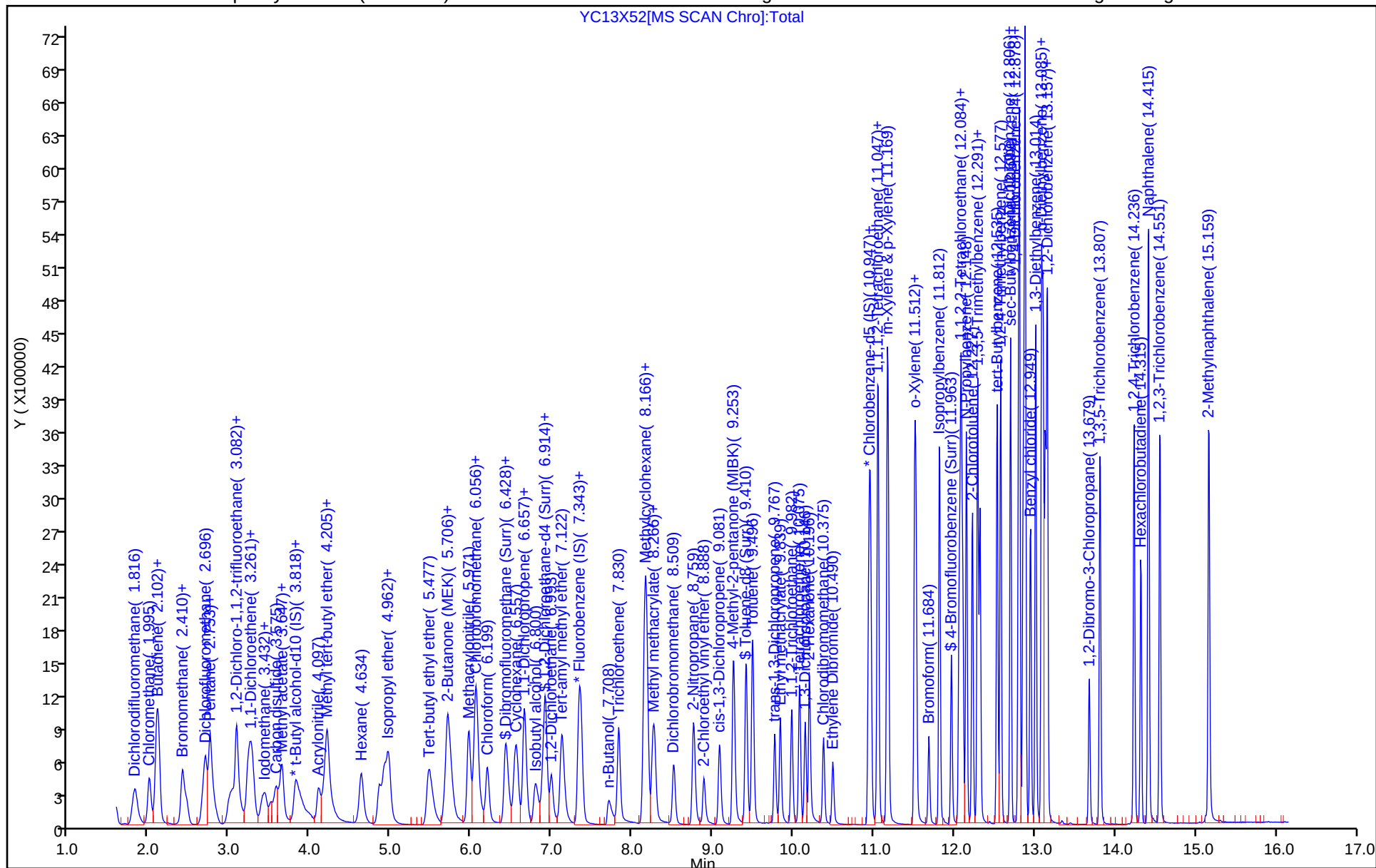
ALS Bottle#: 2

Method: MSVoa_9355

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

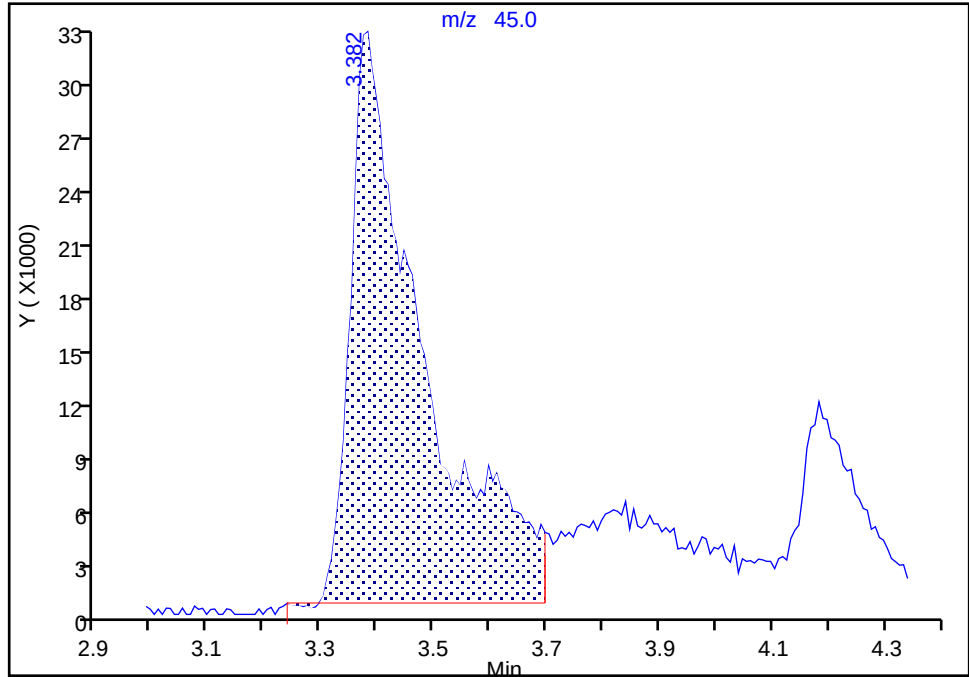
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Injection Date: 13-Oct-2025 23:09:30 Instrument ID: 9355
Lims ID: CCVIS
Client ID:
Operator ID: KEL87800 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

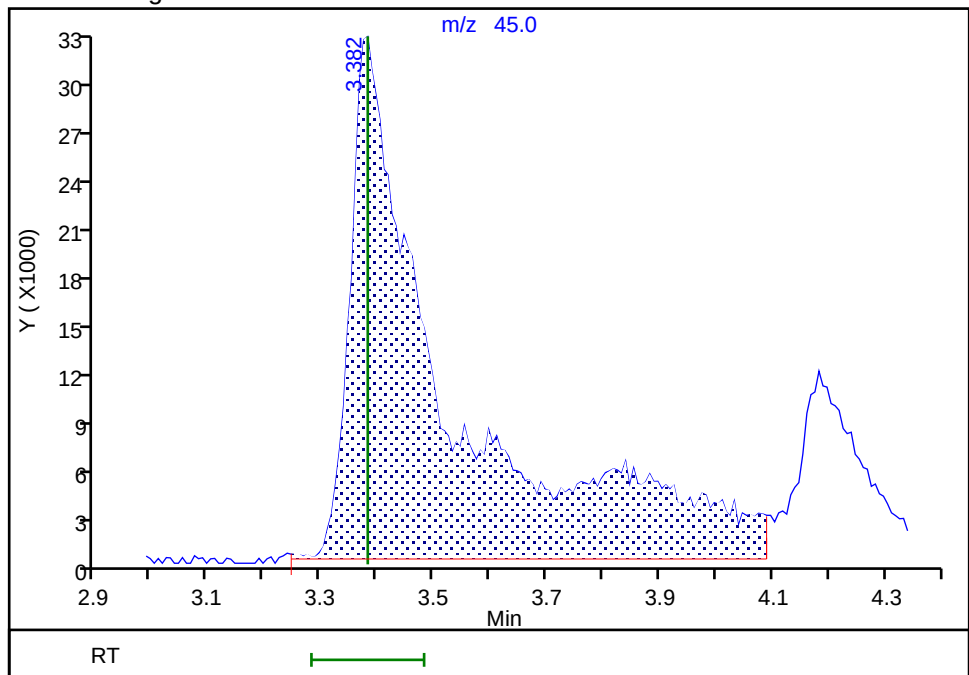
RT: 3.38
Area: 282174
Amount: 144.8947
Amount Units: ug/l

Processing Integration Results



RT: 3.38
Area: 391315
Amount: 200.9379
Amount Units: ug/l

Manual Integration Results



Reviewer: S8BP, 13-Oct-2025 23:53:51 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

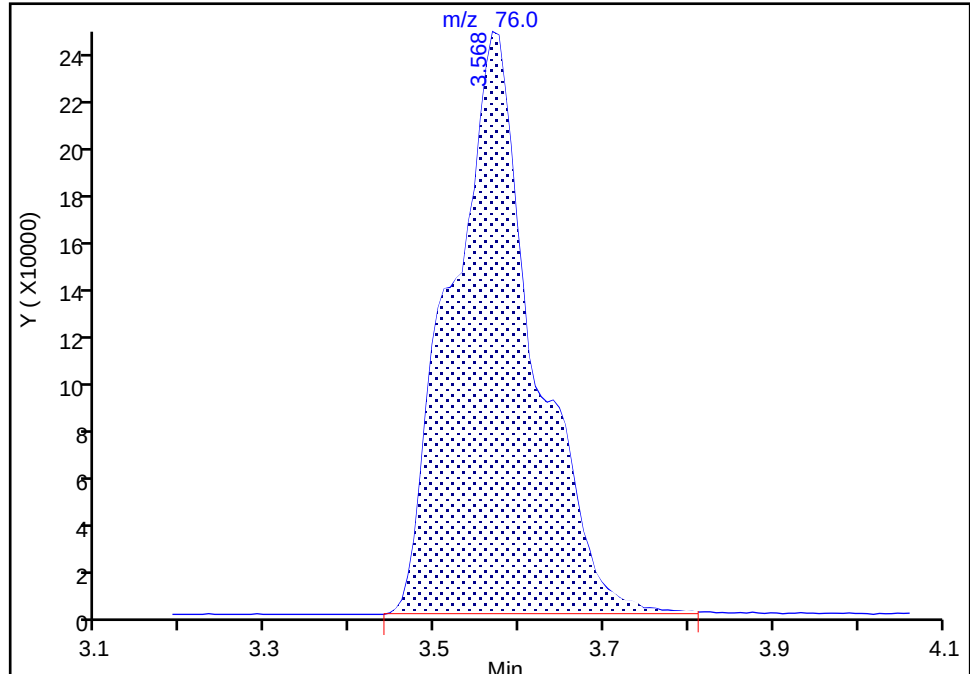
Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X52.D
Injection Date: 13-Oct-2025 23:09:30 Instrument ID: 9355
Lims ID: CCVIS
Client ID:
Operator ID: KEL87800 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

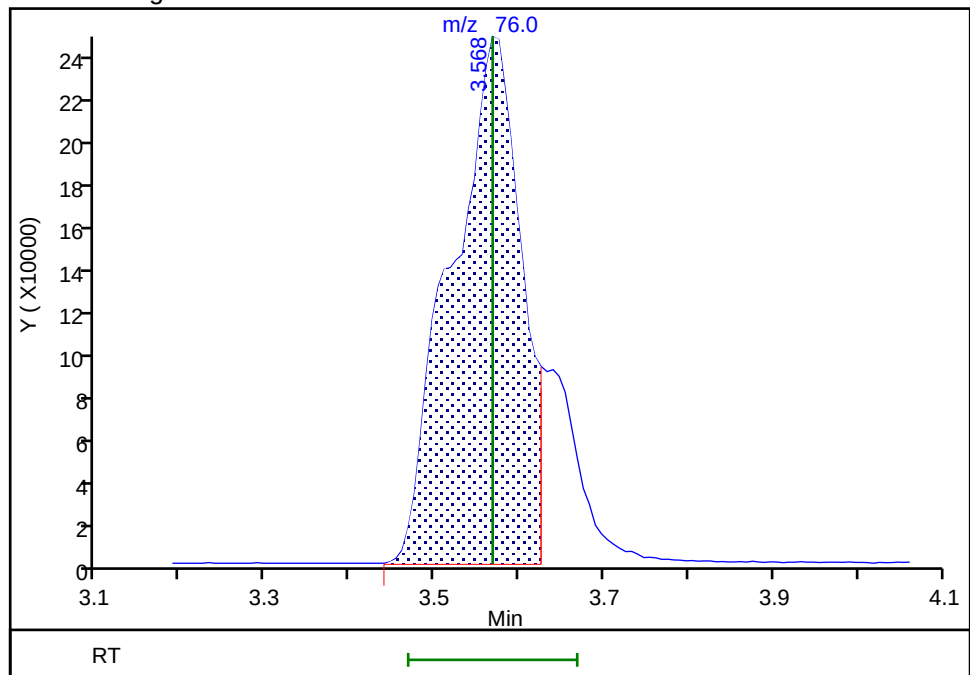
RT: 3.57
Area: 1669919
Amount: 73.179240
Amount Units: ug/l

Processing Integration Results



RT: 3.57
Area: 1408353
Amount: 61.716887
Amount Units: ug/l

Manual Integration Results



Reviewer: S8BP, 13-Oct-2025 23:54:05 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

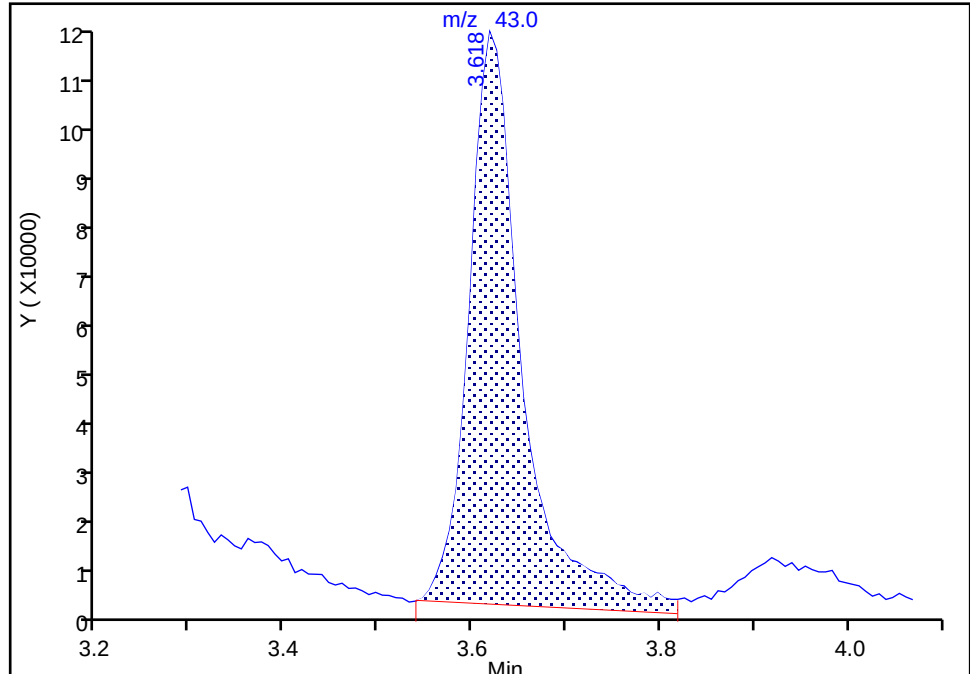
Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X52.D
Injection Date: 13-Oct-2025 23:09:30 Instrument ID: 9355
Lims ID: CCVIS
Client ID:
Operator ID: KEL87800 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

26 Methyl acetate, CAS: 79-20-9

Signal: 1

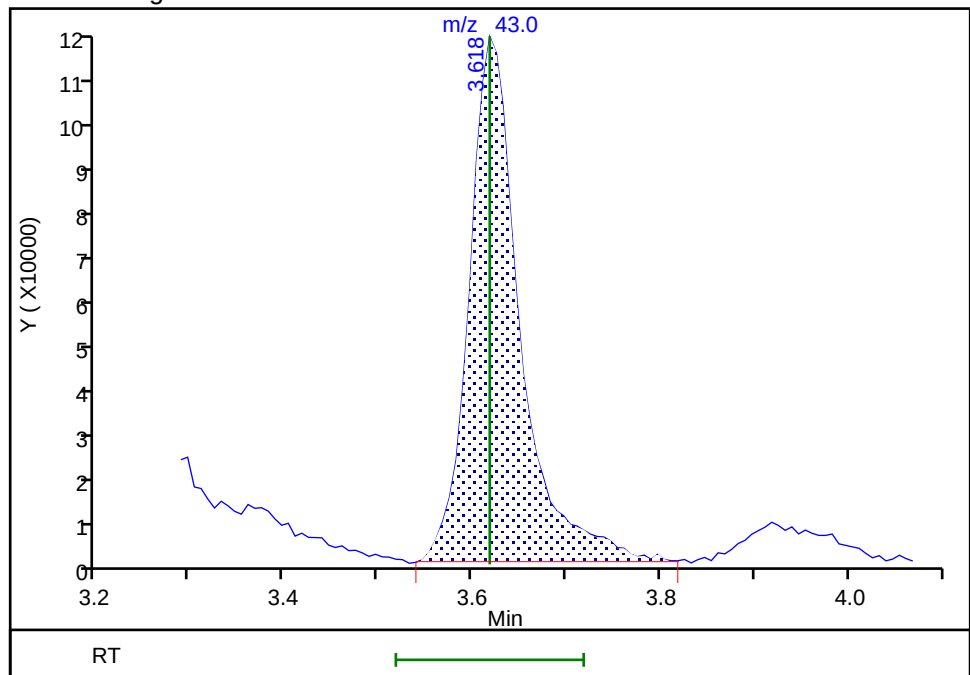
RT: 3.62
Area: 433072
Amount: 52.027525
Amount Units: ug/l

Processing Integration Results



RT: 3.62
Area: 412985
Amount: 49.614353
Amount Units: ug/l

Manual Integration Results



Reviewer: S8BP, 13-Oct-2025 23:54:20 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07T51.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 07-Oct-2025 16:30:54 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 410-0162303-001
Operator ID: mcd07824 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 08-Oct-2025 06:47:31 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1615

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 29 BFB	95	4.561	4.561	0.000	0	1191093	NC	NC	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MSV_V_BFB_00019

Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07T51.D

Injection Date: 07-Oct-2025 16:30:54

Instrument ID: 15830

Lims ID: bfb

Client ID:

Operator ID: mcd07824

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

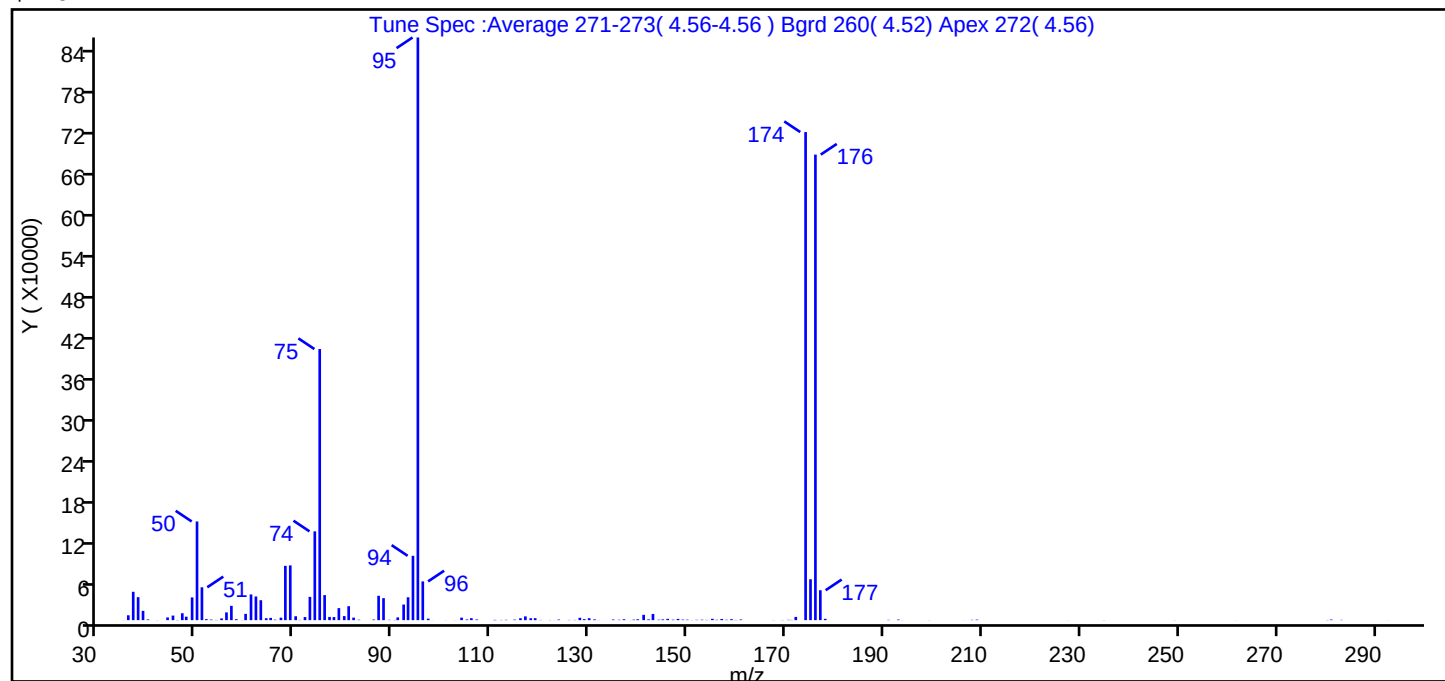
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

\$ 29 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.9
75	30 to 60% of m/z 95	46.5
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	83.8
175	5 to 9% of m/z 174	7.0 (8.4)
176	Greater than 95% but less than 101% of m/z 174	79.9 (95.4)
177	5 to 9% of m/z 176	5.1 (6.4)

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07T51.D\MSVoa_15830_PT2.rsl\spectra.c
Injection Date: 07-Oct-2025 16:30:54
Spectrum: Tune Spec :Average 271-273(4.56-4.56) Bgrd 260(4.52) Apex 272(4.56)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 139

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	104	72.00	4531	115.00	821	153.00	680
36.00	7110	73.00	34024	116.00	2792	154.00	331
37.00	41488	74.00	129864	117.00	5498	155.00	1977
38.00	33608	75.00	396544	118.00	2798	156.00	546
39.00	13623	76.00	36624	119.00	2896	157.00	1718
40.00	1030	77.00	4713	120.00	274	158.00	522
42.00	167	78.00	4496	122.00	234	159.00	1400
44.00	3960	79.00	17568	123.00	133	160.00	315
45.00	6671	80.00	5923	124.00	871	161.00	976
46.00	279	81.00	20416	126.00	314	168.00	151
47.00	10107	82.00	3692	127.00	341	169.00	225
48.00	5081	83.00	651	128.00	3447	170.00	478
49.00	33240	86.00	913	129.00	1481	171.00	318
50.00	144320	87.00	35608	130.00	2815	172.00	4709
51.00	48056	88.00	32176	131.00	1141	174.00	713920
52.00	1471	89.00	470	132.00	128	175.00	59848
53.00	839	90.00	270	133.00	44	176.00	680960
54.00	312	91.00	4036	135.00	907	177.00	43768
55.00	2542	92.00	22848	136.00	544	178.00	1904
56.00	11355	93.00	33440	137.00	1305	191.00	470
57.00	20936	94.00	94096	138.00	126	193.00	874
58.00	1425	95.00	852288	139.00	751	194.00	122
59.00	149	96.00	56664	140.00	1319	199.00	134
60.00	9189	97.00	2198	141.00	7746	206.00	86
61.00	37592	98.00	84	142.00	1124	208.00	460
62.00	34608	101.00	107	143.00	9049	209.00	762
63.00	29128	102.00	99	144.00	662	228.00	107
64.00	2754	104.00	3652	145.00	1076	235.00	170
65.00	3317	105.00	966	146.00	1917	249.00	147
66.00	743	106.00	2883	147.00	674	262.00	93
67.00	3628	107.00	955	148.00	1826	280.00	266
68.00	79416	111.00	306	149.00	787	281.00	892
69.00	80064	111.00	310	150.00	688	283.00	412

Report Date: 08-Oct-2025 06:47:31

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07T51.D\MSVoa_15830_PT2.rslt\spectra.

Injection Date: 07-Oct-2025 16:30:54

Spectrum: Tune Spec :Average 271-273(4.56-4.56) Bgrd 260(4.52) Apex 272(4.56)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 139

m/z	Y	m/z	Y	m/z	Y	m/z	Y
70.00	5717	112.00	303	151.00	144	293.00	86
71.00	353	113.00	549	152.00	475		

Report Date: 08-Oct-2025 06:47:31

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07T51.D

Injection Date: 07-Oct-2025 16:30:54

Instrument ID: 15830

Operator ID: mcd07824

Lims ID: bfb

Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

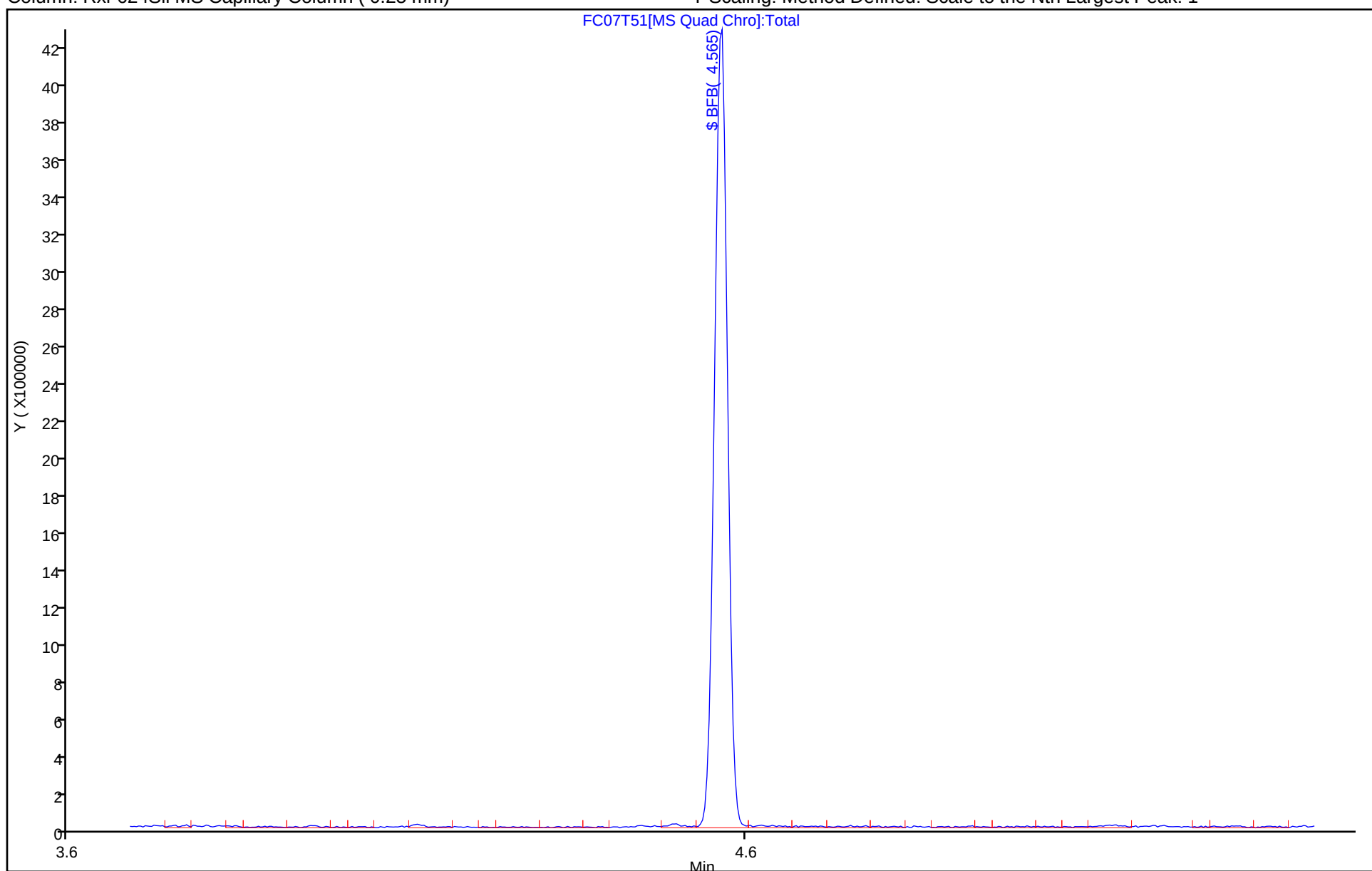
ALS Bottle#: 1

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11T01.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 11-Aug-2025 14:51:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0156173-001
Misc. Info.: BFB
Operator ID: knk41612 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 12-Aug-2025 01:36:32 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1674

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 35 BFB	95	4.400	4.400	0.000	0	414528	NC	NC	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MSV_V_BFB_00019

Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11T01.D

Injection Date: 11-Aug-2025 14:51:30

Instrument ID: 26285

Lims ID: bfb

Client ID:

Operator ID: knk41612

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

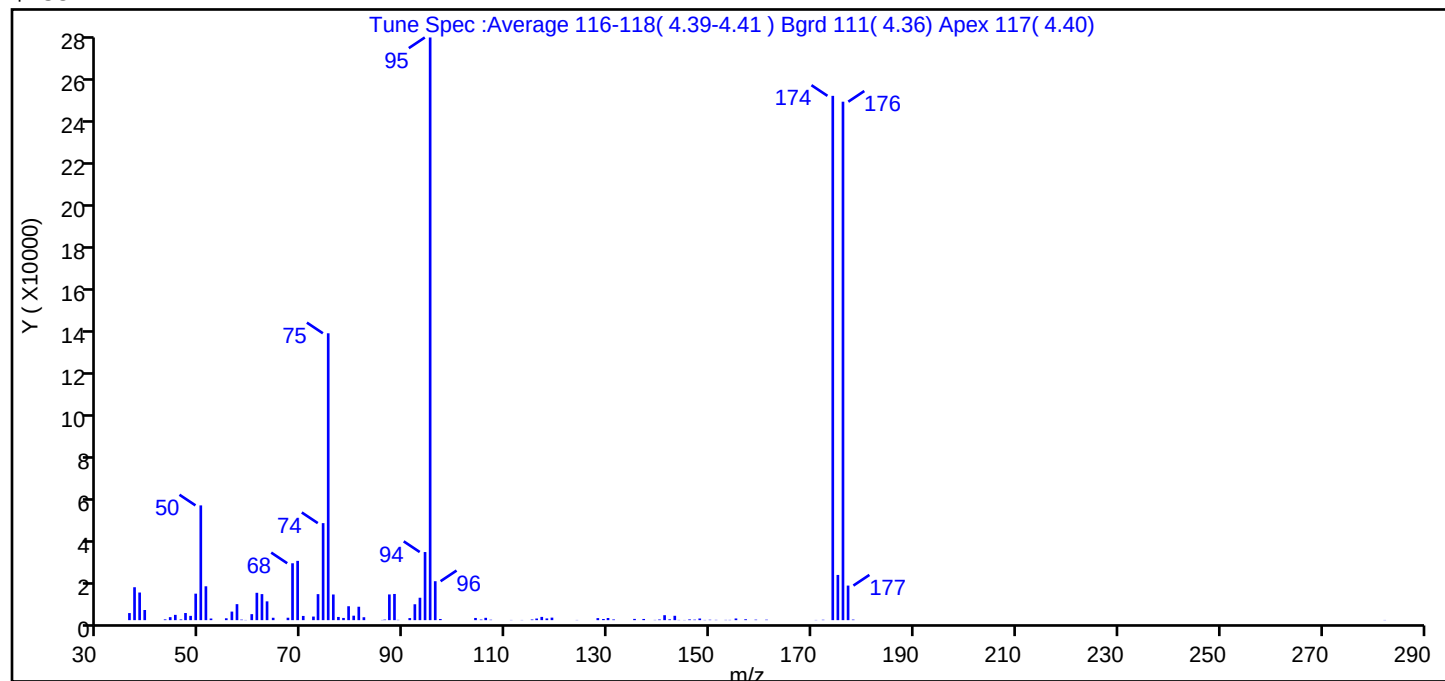
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

\$ 35 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.7
75	30 to 60% of m/z 95	49.2
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	90.0
175	5 to 9% of m/z 174	7.8 (8.6)
176	Greater than 95% but less than 101% of m/z 174	89.0 (98.9)
177	5 to 9% of m/z 176	5.9 (6.7)

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11T01.D\MSVoa_26285a.rslt\spectra.d
Injection Date: 11-Aug-2025 14:51:30
Spectrum: Tune Spec :Average 116-118(4.39-4.41) Bgrd 111(4.36) Apex 117(4.40)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 96

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3334	67.00	1141	95.00	274688	142.00	376
37.00	15513	68.00	26816	96.00	18352	143.00	2052
38.00	13022	69.00	27944	97.00	544	144.00	108
39.00	4779	70.00	1987	104.00	1031	145.00	88
43.00	358	72.00	1688	105.00	270	146.00	350
44.00	1409	73.00	12262	106.00	1096	147.00	234
45.00	2488	74.00	45736	107.00	190	148.00	771
46.00	338	75.00	135232	111.00	93	149.00	95
47.00	3356	76.00	12098	113.00	87	150.00	197
48.00	2017	77.00	1504	115.00	308	151.00	135
49.00	12484	78.00	1041	116.00	761	153.00	122
50.00	54096	79.00	6556	117.00	1525	154.00	120
51.00	15961	80.00	2102	118.00	803	155.00	782
52.00	766	81.00	6321	119.00	1188	157.00	415
55.00	877	82.00	1373	124.00	93	159.00	234
56.00	4029	86.00	94	128.00	955	161.00	219
57.00	7541	86.00	251	129.00	539	171.00	93
58.00	244	87.00	12118	130.00	1011	172.00	180
59.00	90	88.00	12342	131.00	326	174.00	247168
60.00	2829	89.00	130	135.00	587	175.00	21312
61.00	12891	91.00	982	137.00	559	176.00	244416
62.00	12277	92.00	7488	139.00	114	177.00	16294
63.00	8858	93.00	10562	140.00	319	178.00	256
64.00	1128	94.00	32112	141.00	2335	282.00	87

Report Date: 12-Aug-2025 01:36:37

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11T01.D

Injection Date: 11-Aug-2025 14:51:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: bfb

Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

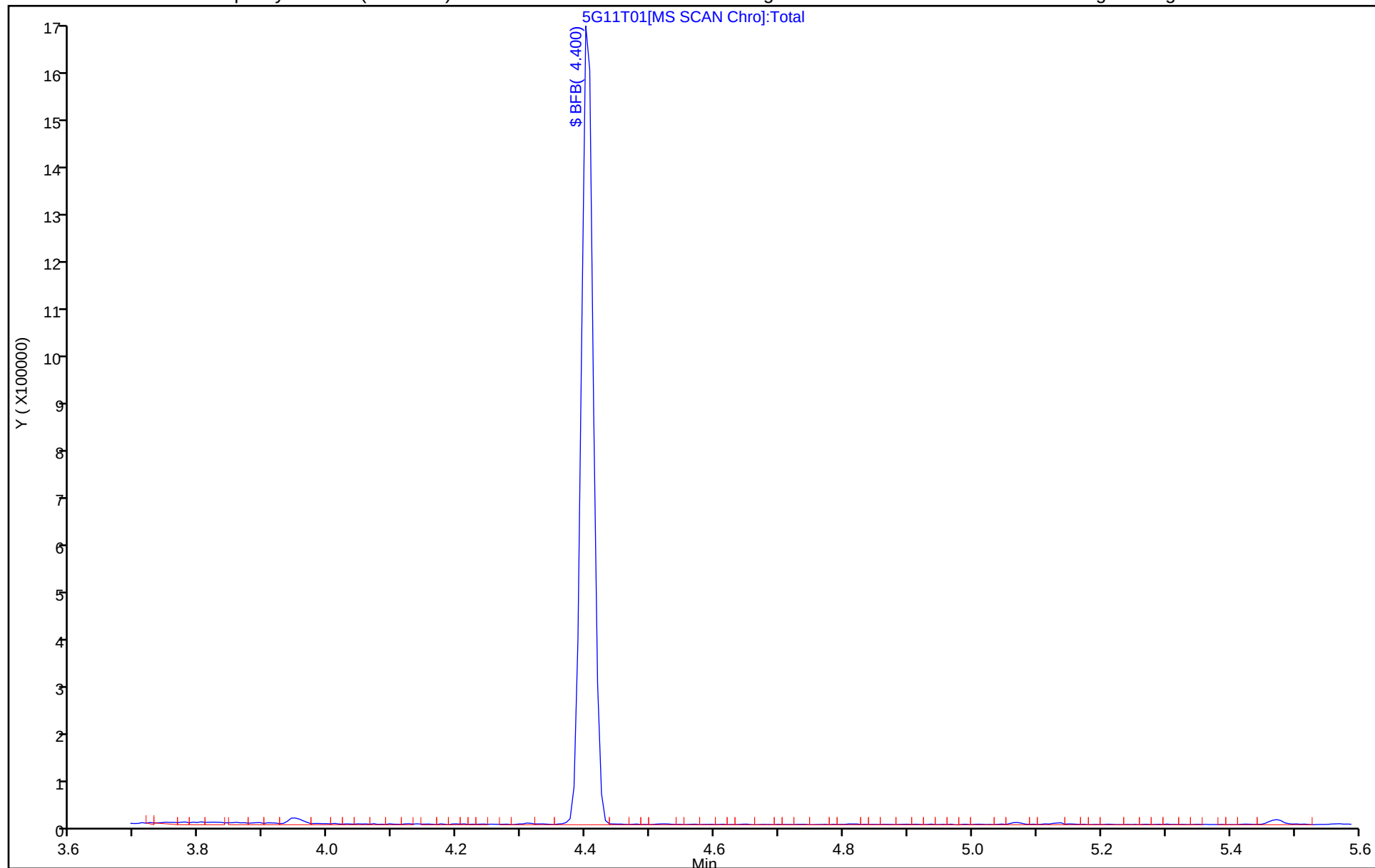
ALS Bottle#: 1

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13T01.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 13-Oct-2025 09:09:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0162928-001
Misc. Info.: BFB
Operator ID: knk41612 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 13-Oct-2025 13:31:47 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1625

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 39 BFB	95	4.345	4.345	0.000	0	602428	NC	NC	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MSV_V_BFB_00019

Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13T01.D

Injection Date: 13-Oct-2025 09:09:30

Instrument ID: 26285

Lims ID: BFB

Client ID:

Operator ID: knk41612

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

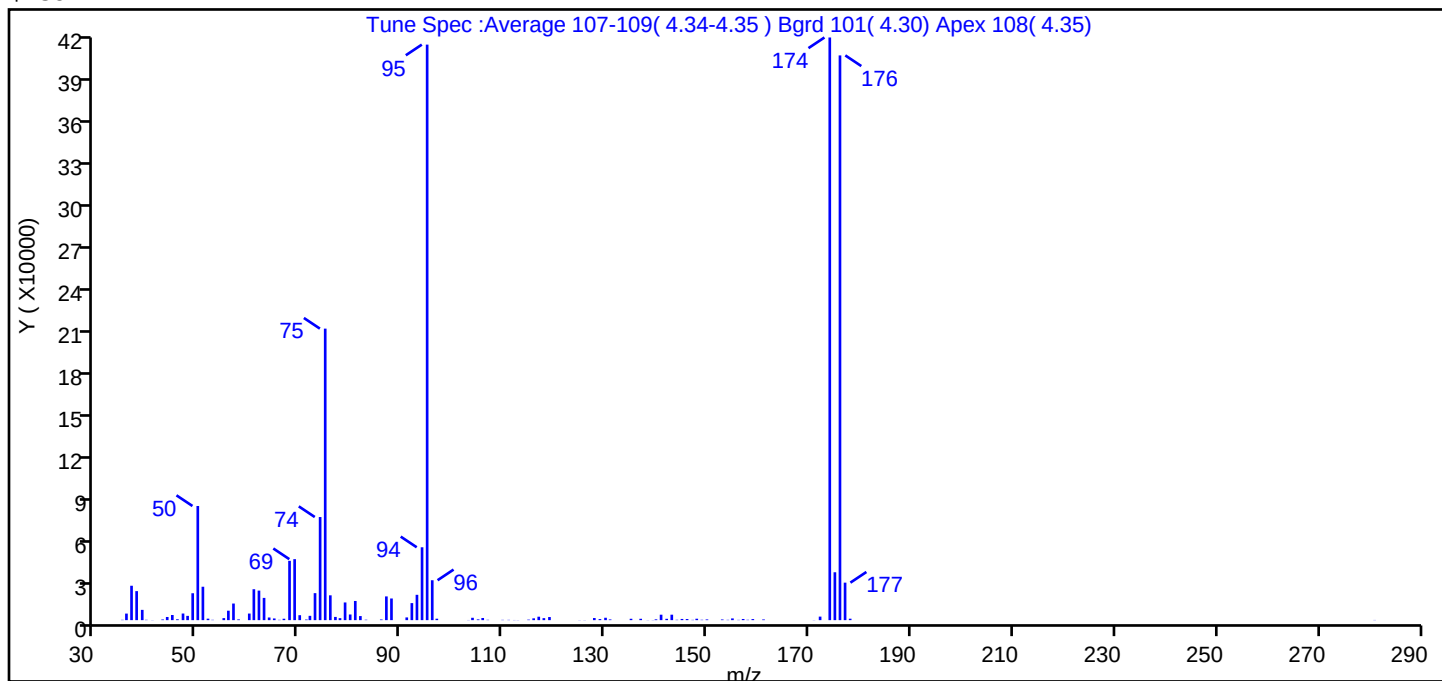
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

\$ 39 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.8
75	30 to 60% of m/z 95	50.7
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	101.2
175	5 to 9% of m/z 174	8.3 (8.2)
176	Greater than 95% but less than 101% of m/z 174	98.1 (96.9)
177	5 to 9% of m/z 176	6.5 (6.6)

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13T01.D\MSVoa_26285a.rslt\spectra.d
Injection Date: 13-Oct-2025 09:09:30
Spectrum: Tune Spec :Average 107-109(4.34-4.35) Bgrd 101(4.30) Apex 108(4.35)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 107

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	232	65.00	1212	96.00	28616	141.00	3905
36.00	4705	66.00	222	97.00	1027	142.00	952
37.00	24672	67.00	1015	103.00	116	143.00	3914
38.00	20816	68.00	42544	104.00	1693	144.00	269
39.00	7370	69.00	43744	105.00	541	145.00	858
40.00	255	70.00	3550	106.00	1544	146.00	792
41.00	92	71.00	425	107.00	248	147.00	205
43.00	485	72.00	3089	110.00	212	148.00	1011
44.00	2269	73.00	19360	111.00	209	149.00	267
45.00	3681	74.00	73960	112.00	115	150.00	516
46.00	623	75.00	209088	113.00	99	153.00	480
47.00	4751	76.00	17800	115.00	367	154.00	226
48.00	3068	77.00	2311	116.00	1291	155.00	1236
49.00	19296	78.00	1424	117.00	2462	156.00	198
50.00	81872	79.00	12686	118.00	1441	157.00	826
51.00	23960	80.00	4062	119.00	2228	158.00	253
52.00	1061	81.00	13753	125.00	96	159.00	757
53.00	229	82.00	2921	126.00	95	161.00	498
55.00	1452	83.00	306	128.00	1519	171.00	97
56.00	6769	86.00	471	129.00	773	172.00	2535
57.00	11912	87.00	17024	130.00	1714	174.00	417920
58.00	539	88.00	15537	131.00	513	175.00	34344
60.00	4724	91.00	1952	135.00	985	176.00	405056
61.00	22176	92.00	12218	137.00	979	177.00	26896
62.00	21184	93.00	18168	138.00	87	178.00	1032
63.00	15955	94.00	52264	139.00	99	281.00	137
64.00	1896	95.00	412800	140.00	572		

Report Date: 13-Oct-2025 13:31:48

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13T01.D

Injection Date: 13-Oct-2025 09:09:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

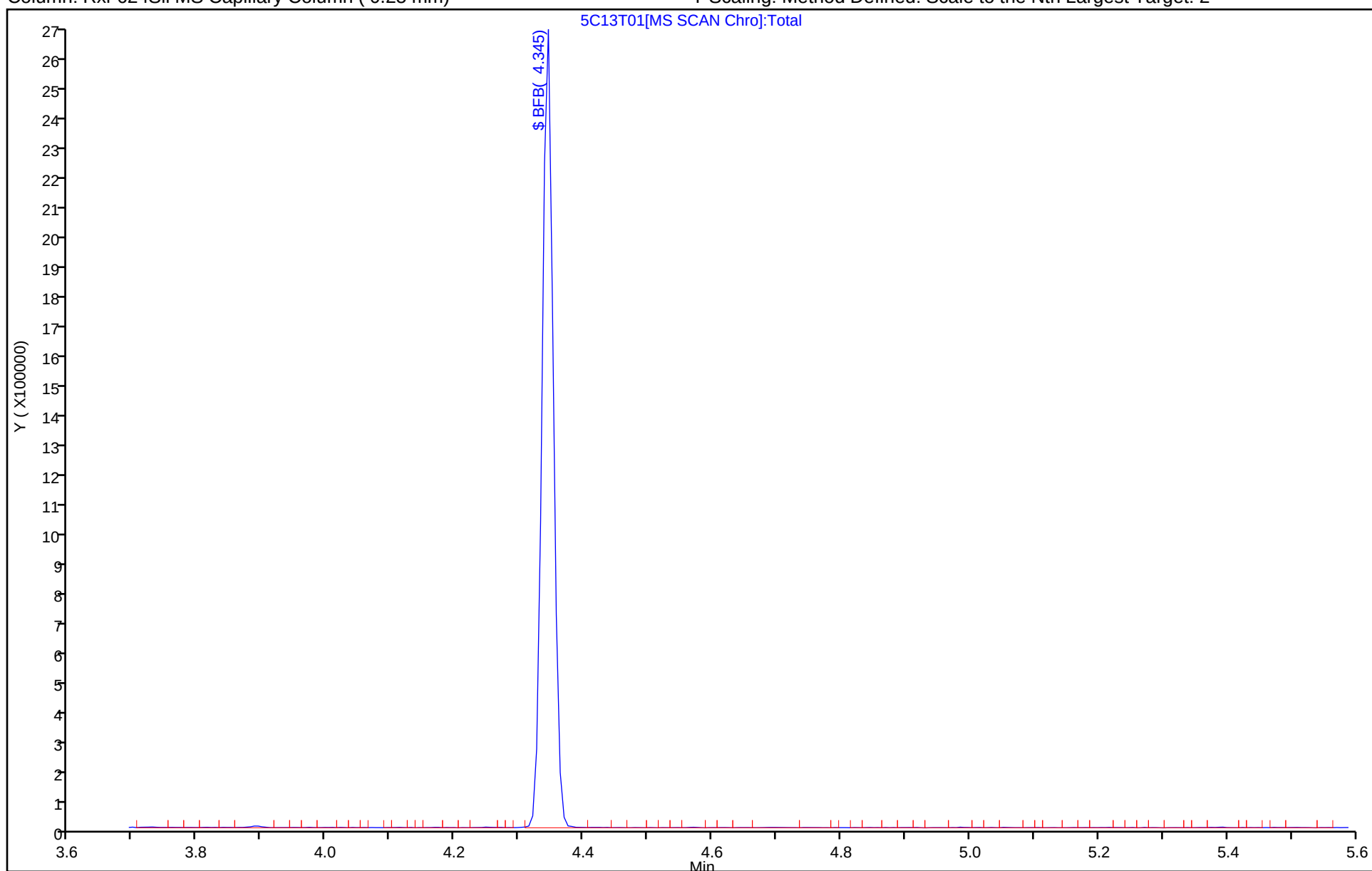
ALS Bottle#: 1

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22T01.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 22-Sep-2025 14:37:48 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0160533-001
Misc. Info.: BFB
Operator ID: kas02648 Instrument ID: 7159
Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
Limit Group: MSV - 8260C_D
Last Update: 23-Sep-2025 05:03:15 Calib Date: 22-Sep-2025 22:59:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1648

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 30 BFB	95	4.880	4.880	0.000	0	332171	NC	NC	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MSV_V_BFB_00019

Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22T01.D

Injection Date: 22-Sep-2025 14:37:48

Instrument ID: 7159

Lims ID: bfb

Client ID:

Operator ID: kas02648

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

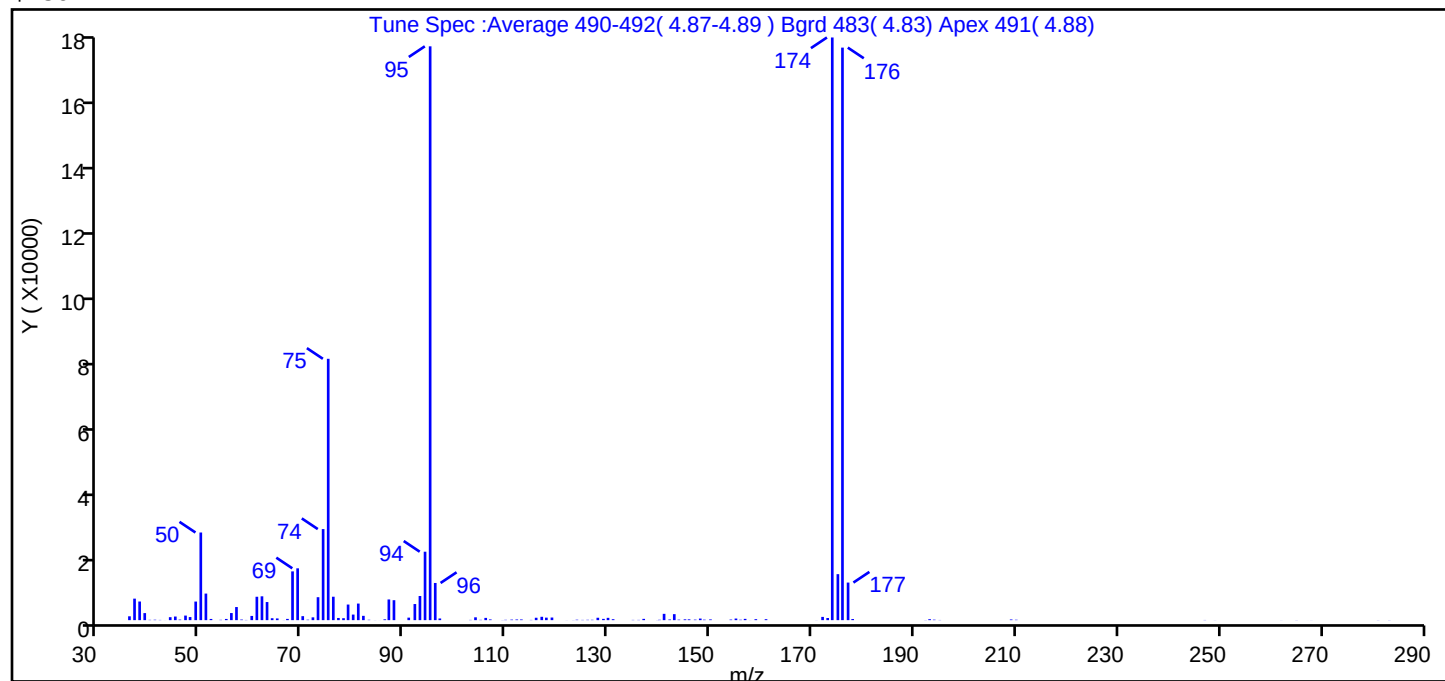
Dil. Factor: 1.0000

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

\$ 30 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.3
75	30 to 60% of m/z 95	45.5
96	5 to 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.4 (0.4)
174	50 to 120% of m/z 95	101.5
175	5 to 9% of m/z 174	8.0 (7.9)
176	Greater than 95% but less than 101% of m/z 174	99.8 (98.3)
177	5 to 9% of m/z 176	6.5 (6.6)

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22T01.D\MSVoa_7159.rslt\spectra.d
Injection Date: 22-Sep-2025 14:37:48
Spectrum: Tune Spec :Average 490-492(4.87-4.89) Bgrd 483(4.83) Apex 491(4.88)
Base Peak: 173.90
Minimum % Base Peak: 0
Number of Points: 130

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1144	70.00	1182	111.00	161	153.00	1
37.00	6379	71.00	135	112.00	197	154.00	171
38.00	5527	72.00	831	113.00	203	155.00	471
39.00	2090	73.00	6807	115.00	67	156.00	120
40.00	88	74.00	27016	116.00	711	157.00	379
41.00	122	75.00	77536	117.00	992	158.00	18
42.00	64	76.00	6947	118.00	744	159.00	282
43.00	12	77.00	643	119.00	777	161.00	280
44.00	880	78.00	578	122.00	17	171.00	21
45.00	1071	79.00	4628	123.00	25	172.00	962
46.00	167	80.00	1654	124.00	130	173.00	634
47.00	1354	81.00	4918	125.00	73	174.00	172864
48.00	918	82.00	1276	126.00	103	175.00	13643
49.00	5514	83.00	111	127.00	105	176.00	169856
50.00	26000	84.00	19	128.00	709	177.00	11147
51.00	7881	85.00	10	129.00	375	178.00	328
52.00	354	86.00	244	130.00	684	192.00	36
54.00	94	87.00	6138	131.00	277	193.00	276
55.00	354	88.00	5917	135.00	72	194.00	141
56.00	2105	91.00	742	136.00	72	195.00	53
57.00	3886	92.00	4778	137.00	379	207.00	6
58.00	175	93.00	7162	140.00	26	209.00	198
59.00	58	94.00	20304	140.00	111	210.00	117
60.00	1249	95.00	170240	141.00	1871	247.00	53
61.00	6939	96.00	11027	142.00	191	249.00	20
62.00	7069	97.00	494	143.00	1777	262.00	17
63.00	5370	103.00	73	144.00	146	265.00	30
64.00	566	104.00	837	145.00	239	267.00	5
65.00	506	105.00	89	146.00	237	268.00	17
66.00	21	106.00	669	147.00	153	281.00	33
67.00	370	107.00	212	148.00	468	283.00	37
68.00	14466	109.00	27	149.00	141		
69.00	15374	110.00	95	150.00	217		

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1144	70.00	1182	111.00	161	153.00	1
37.00	6379	71.00	135	112.00	197	154.00	171
38.00	5527	72.00	831	113.00	203	155.00	471
39.00	2090	73.00	6807	115.00	67	156.00	120
40.00	88	74.00	27016	116.00	711	157.00	379
41.00	122	75.00	77536	117.00	992	158.00	18
42.00	64	76.00	6947	118.00	744	159.00	282
43.00	12	77.00	643	119.00	777	161.00	280
44.00	880	78.00	578	122.00	17	171.00	21
45.00	1071	79.00	4628	123.00	25	172.00	962
46.00	167	80.00	1654	124.00	130	173.00	634
47.00	1354	81.00	4918	125.00	73	174.00	172864
48.00	918	82.00	1276	126.00	103	175.00	13643
49.00	5514	83.00	111	127.00	105	176.00	169856
50.00	26000	84.00	19	128.00	709	177.00	11147
51.00	7881	85.00	10	129.00	375	178.00	328
52.00	354	86.00	244	130.00	684	192.00	36
54.00	94	87.00	6138	131.00	277	193.00	276
55.00	354	88.00	5917	135.00	72	194.00	141
56.00	2105	91.00	742	136.00	72	195.00	53
57.00	3886	92.00	4778	137.00	379	207.00	6
58.00	175	93.00	7162	140.00	26	209.00	198
59.00	58	94.00	20304	140.00	111	210.00	117
60.00	1249	95.00	170240	141.00	1871	247.00	53
61.00	6939	96.00	11027	142.00	191	249.00	20
62.00	7069	97.00	494	143.00	1777	262.00	17
63.00	5370	103.00	73	144.00	146	265.00	30
64.00	566	104.00	837	145.00	239	267.00	5
65.00	506	105.00	89	146.00	237	268.00	17
66.00	21	106.00	669	147.00	153	281.00	33
67.00	370	107.00	212	148.00	468	283.00	37
68.00	14466	109.00	27	149.00	141		
69.00	15374	110.00	95	150.00	217		

Report Date: 23-Sep-2025 05:03:16

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22T01.D

Injection Date: 22-Sep-2025 14:37:48

Instrument ID: 7159

Operator ID: kas02648

Lims ID: bfb

Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

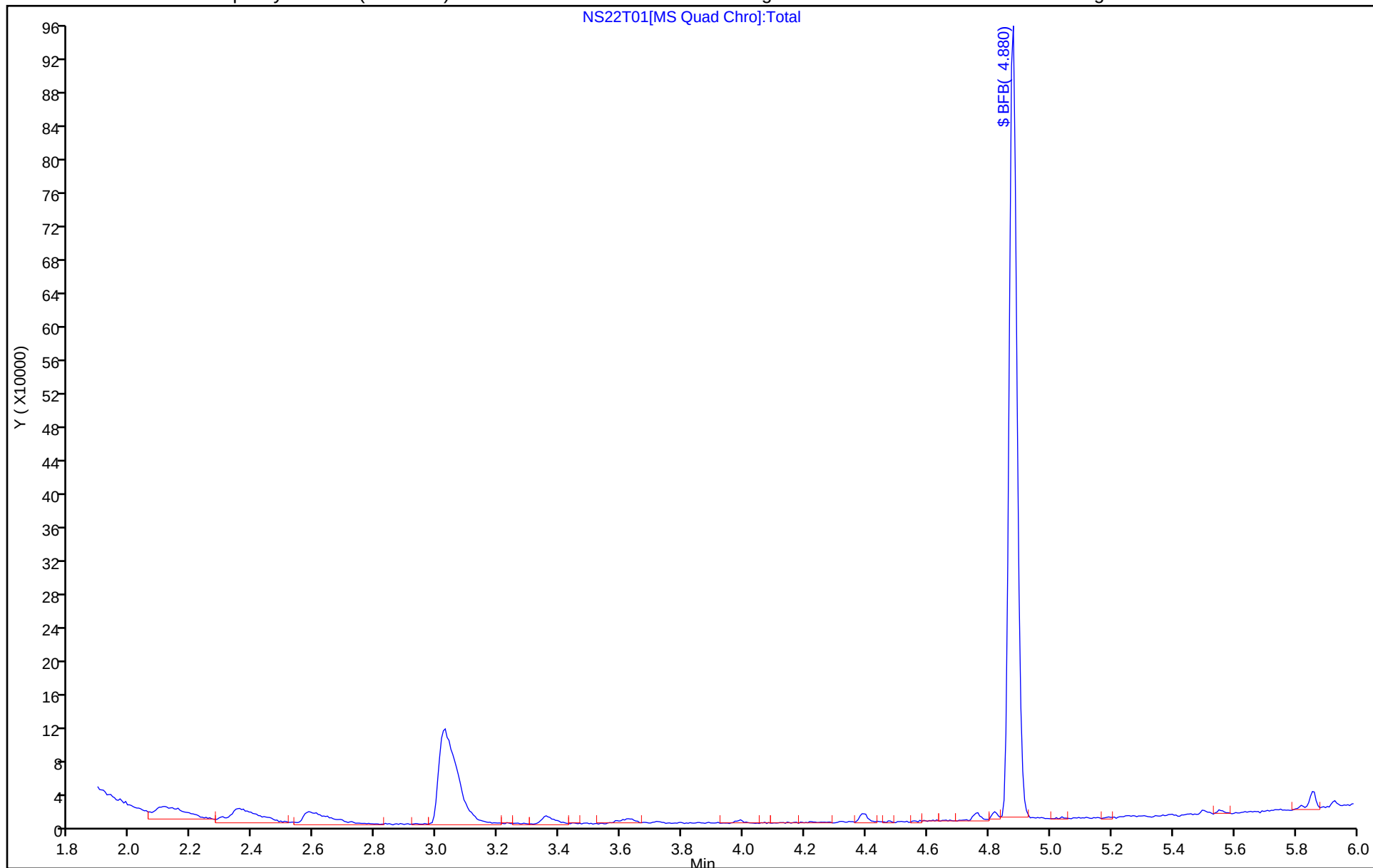
ALS Bottle#: 1

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10T02.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 10-Oct-2025 09:11:38 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0162698-001
Misc. Info.: BFB
Operator ID: CLM27445 Instrument ID: 7159
Method: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\MSVoa_7159.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 12:40:07 Calib Date: 22-Sep-2025 22:59:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1630

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 30 BFB	95	4.893	4.893	0.000	0	995703	NC	NC	
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QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MSV_V_BFB_00019

Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10T02.D

Injection Date: 10-Oct-2025 09:11:38

Instrument ID: 7159

Lims ID: BFB

Client ID:

Operator ID: CLM27445

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

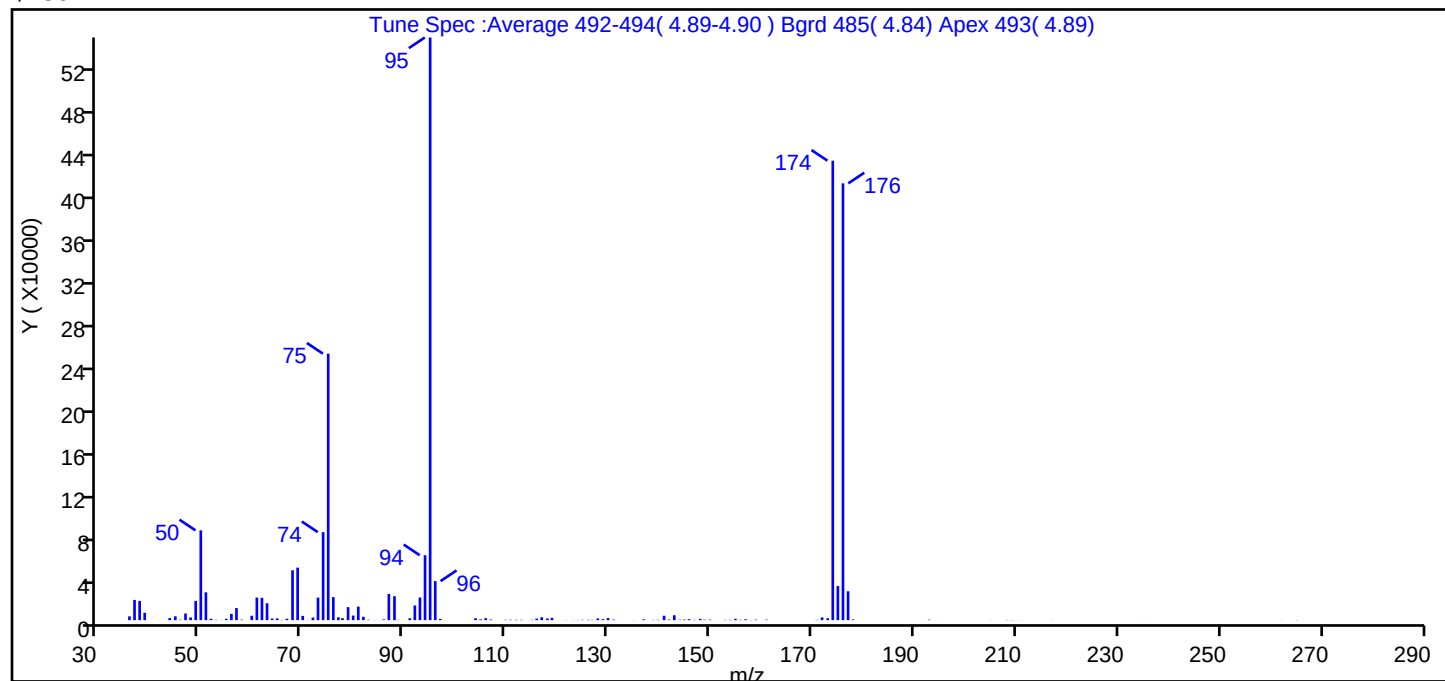
Dil. Factor: 1.0000

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

\$ 30 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.4
75	30 to 60% of m/z 95	45.7
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.3 (0.4)
174	50 to 120% of m/z 95	78.9
175	5 to 9% of m/z 174	5.9 (7.4)
176	Greater than 95% but less than 101% of m/z 174	75.0 (95.1)
177	5 to 9% of m/z 176	5.0 (6.6)

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10T02.D\MSVoa_7159.rslt\spectra.d
Injection Date: 10-Oct-2025 09:11:38
Spectrum: Tune Spec :Average 492-494(4.89-4.90) Bgrd 485(4.84) Apex 493(4.89)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 138

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3565	73.00	21120	115.00	319	156.00	316
37.00	18944	74.00	82496	116.00	1389	157.00	818
38.00	18000	75.00	249856	117.00	2676	158.00	164
39.00	6877	76.00	21560	118.00	1541	159.00	467
40.00	39	77.00	2640	119.00	2217	161.00	445
42.00	74	78.00	1868	120.00	20	162.00	22
43.00	71	79.00	12200	122.00	115	163.00	8
44.00	1977	80.00	4285	123.00	128	165.00	20
45.00	3596	81.00	12674	124.00	170	171.00	98
46.00	395	82.00	3154	125.00	290	171.00	250
47.00	6186	83.00	370	126.00	353	172.00	2540
48.00	2528	84.00	97	127.00	267	173.00	1806
49.00	17992	85.00	33	128.00	1623	174.00	430784
50.00	84184	86.00	699	129.00	940	175.00	31968
51.00	26072	87.00	24536	130.00	1983	176.00	409536
52.00	1307	88.00	22432	131.00	538	177.00	27080
53.00	245	89.00	238	132.00	51	178.00	661
54.00	95	90.00	37	135.00	105	179.00	17
55.00	1227	91.00	1763	137.00	807	193.00	418
56.00	5896	92.00	13788	138.00	24	194.00	22
57.00	11338	93.00	21248	139.00	220	195.00	38
58.00	474	94.00	60856	140.00	322	205.00	77
60.00	4098	95.00	546304	141.00	4113	208.00	165
61.00	21184	96.00	36616	142.00	495	209.00	170
62.00	20936	97.00	1154	143.00	4601	210.00	96
63.00	15869	98.00	23	144.00	397	211.00	80
64.00	1525	103.00	57	145.00	538	217.00	78
65.00	1660	104.00	1774	146.00	916	232.00	10
66.00	220	105.00	715	147.00	256	235.00	50
67.00	1339	106.00	1832	148.00	1148	260.00	12
68.00	46720	107.00	557	149.00	417	262.00	59
69.00	49224	110.00	305	150.00	507	265.00	126
70.00	3946	111.00	398	153.00	268	282.00	8

Report Date: 10-Oct-2025 12:40:08

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10T02.D\MSVoa_7159.rslt\spectra.d

Injection Date: 10-Oct-2025 09:11:38

Spectrum: Tune Spec :Average 492-494(4.89-4.90) Bgrd 485(4.84) Apex 493(4.89)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 138

m/z	Y	m/z	Y	m/z	Y	m/z	Y
71.00	95	112.00	355	154.00	287		
72.00	2422	113.00	320	155.00	1253		

Report Date: 10-Oct-2025 12:40:08

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10T02.D

Injection Date: 10-Oct-2025 09:11:38

Instrument ID: 7159

Operator ID: CLM27445

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

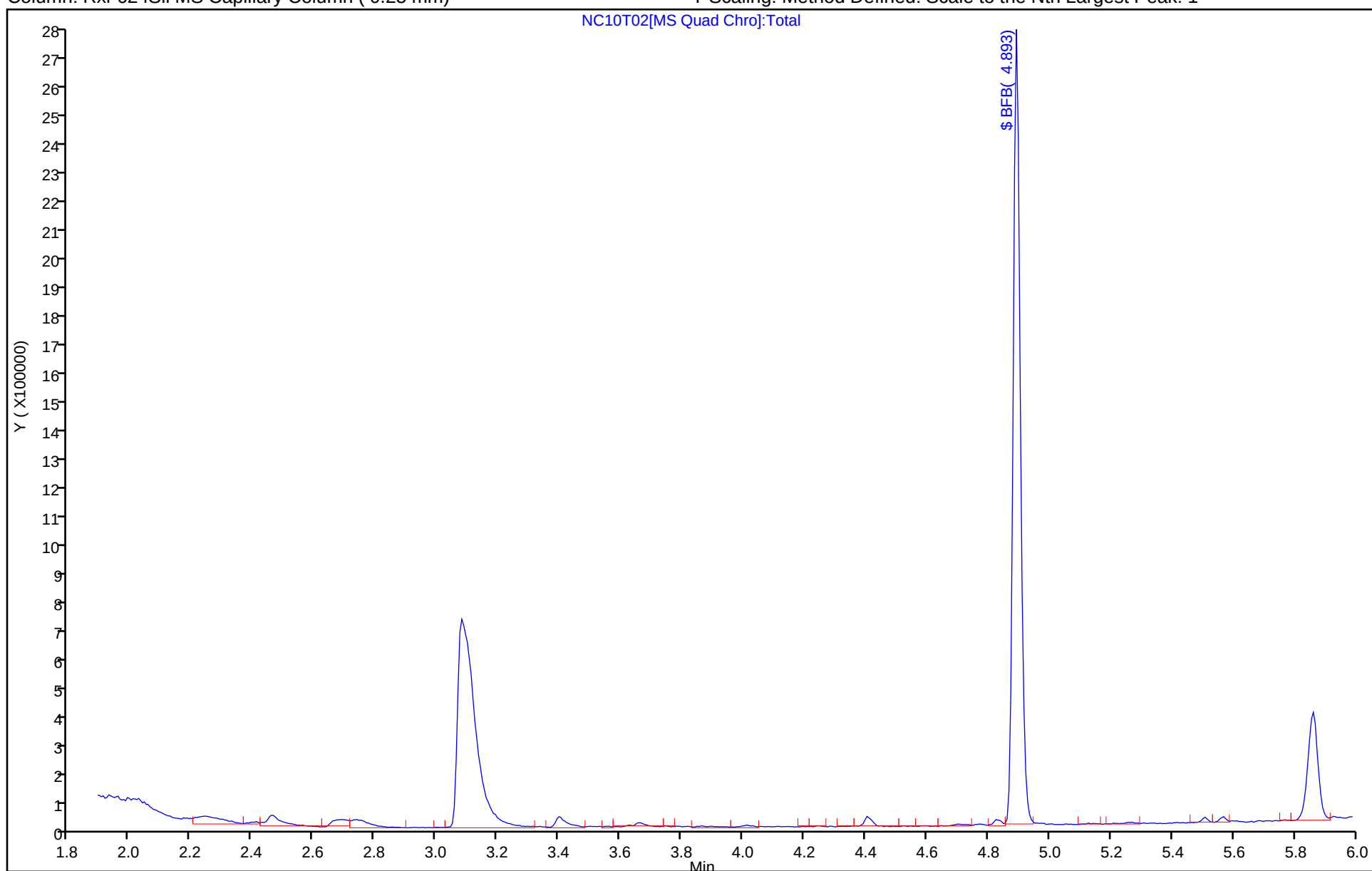
ALS Bottle#: 1

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27T01.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 27-Jun-2025 16:09:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0151826-001
Misc. Info.: BFB
Operator ID: kas02648 Instrument ID: 9355
Method: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 30-Jun-2025 13:42:43 Calib Date: 26-Jun-2025 19:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250626-151631.b\YU26X21.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1644

First Level Reviewer: UCB5

Date: 30-Jun-2025 13:42:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 34 BFB	95	4.418	4.418	0.000	0	424731	NC	NC	
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QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MSV_V_BFB_00019

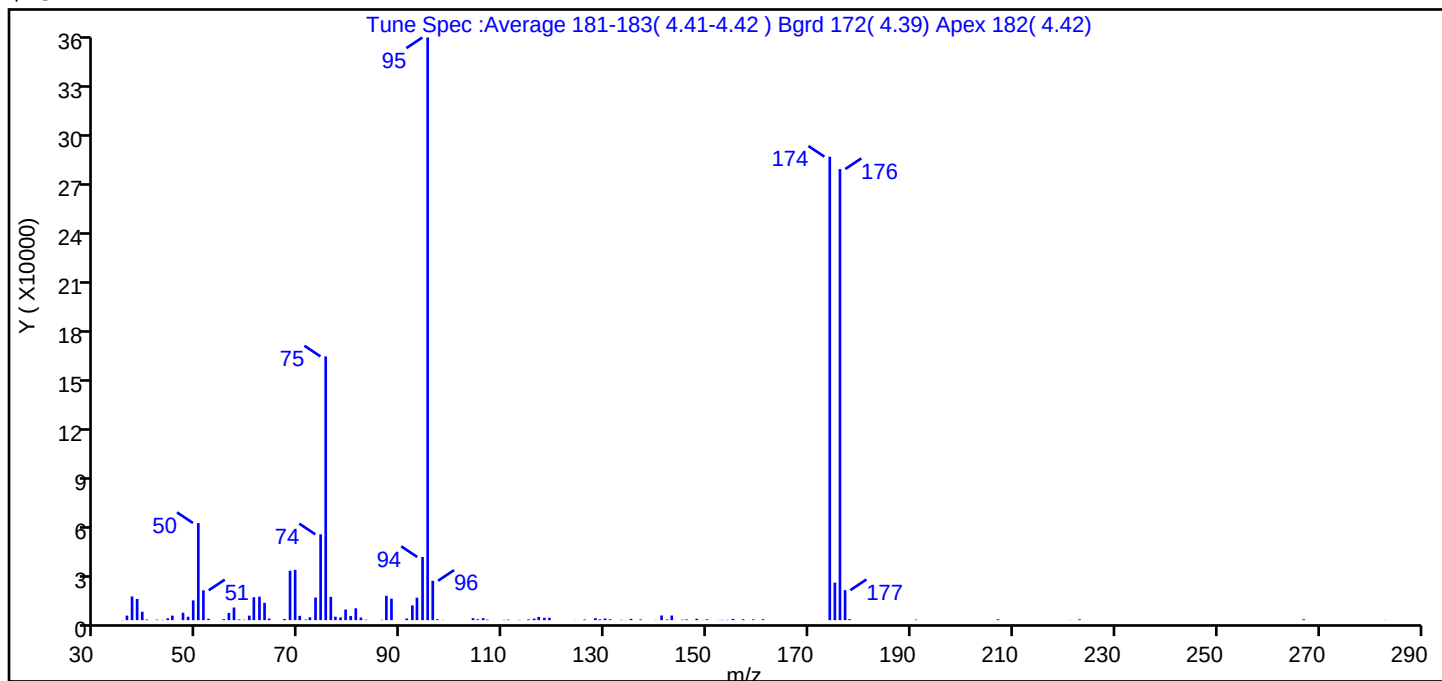
Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27T01.D
Injection Date: 27-Jun-2025 16:09:30 Instrument ID: 9355
Lims ID: bfb
Client ID:
Operator ID: kas02648 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Tune Method: BFB Method 8260

\$ 34 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.7
75	30 to 60% of m/z 95	45.3
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	79.5
175	5 to 9% of m/z 174	6.4 (8.1)
176	Greater than 95% but less than 101% of m/z 174	77.4 (97.3)
177	5 to 9% of m/z 176	5.1 (6.7)

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27T01.D\MSVoa_9355.rsl\spectra.d
Injection Date: 27-Jun-2025 16:09:30
Spectrum: Tune Spec :Average 181-183(4.41-4.42) Bgrd 172(4.39) Apex 182(4.42)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 106

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	98	67.00	748	98.00	108	145.00	319
36.00	2795	68.00	30272	104.00	1199	146.00	449
37.00	14527	69.00	30768	105.00	565	147.00	36
38.00	12985	70.00	2618	106.00	1227	148.00	852
39.00	5143	71.00	388	107.00	338	149.00	134
40.00	427	72.00	1755	110.00	199	150.00	477
41.00	22	73.00	13857	111.00	344	152.00	84
42.00	333	74.00	52568	113.00	183	153.00	178
43.00	154	75.00	161536	115.00	496	154.00	200
44.00	1134	76.00	14253	116.00	940	155.00	768
45.00	2767	77.00	2105	117.00	1980	157.00	523
47.00	4531	78.00	1679	118.00	1438	159.00	456
48.00	2098	79.00	6516	119.00	1447	161.00	563
49.00	12112	80.00	2510	124.00	92	174.00	283840
50.00	59480	81.00	7262	126.00	395	175.00	23000
51.00	18264	82.00	1631	128.00	1228	176.00	276288
52.00	861	83.00	288	129.00	538	177.00	18376
55.00	626	86.00	250	130.00	1002	178.00	614
56.00	4417	87.00	14940	131.00	571	191.00	361
57.00	7735	88.00	13183	133.00	219	207.00	520
58.00	428	91.00	1013	134.00	89	208.00	8
59.00	235	92.00	9031	135.00	802	221.00	105
60.00	2743	93.00	13758	137.00	469	223.00	518
61.00	14026	94.00	38680	140.00	119	267.00	571
62.00	14367	95.00	356864	141.00	2840	283.00	89
63.00	10603	96.00	24112	142.00	422		
64.00	1013	97.00	578	143.00	2821		

Report Date: 30-Jun-2025 13:42:43

Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27T01.D

Injection Date: 27-Jun-2025 16:09:30

Instrument ID: 9355

Operator ID: kas02648

Lims ID: bfb

Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

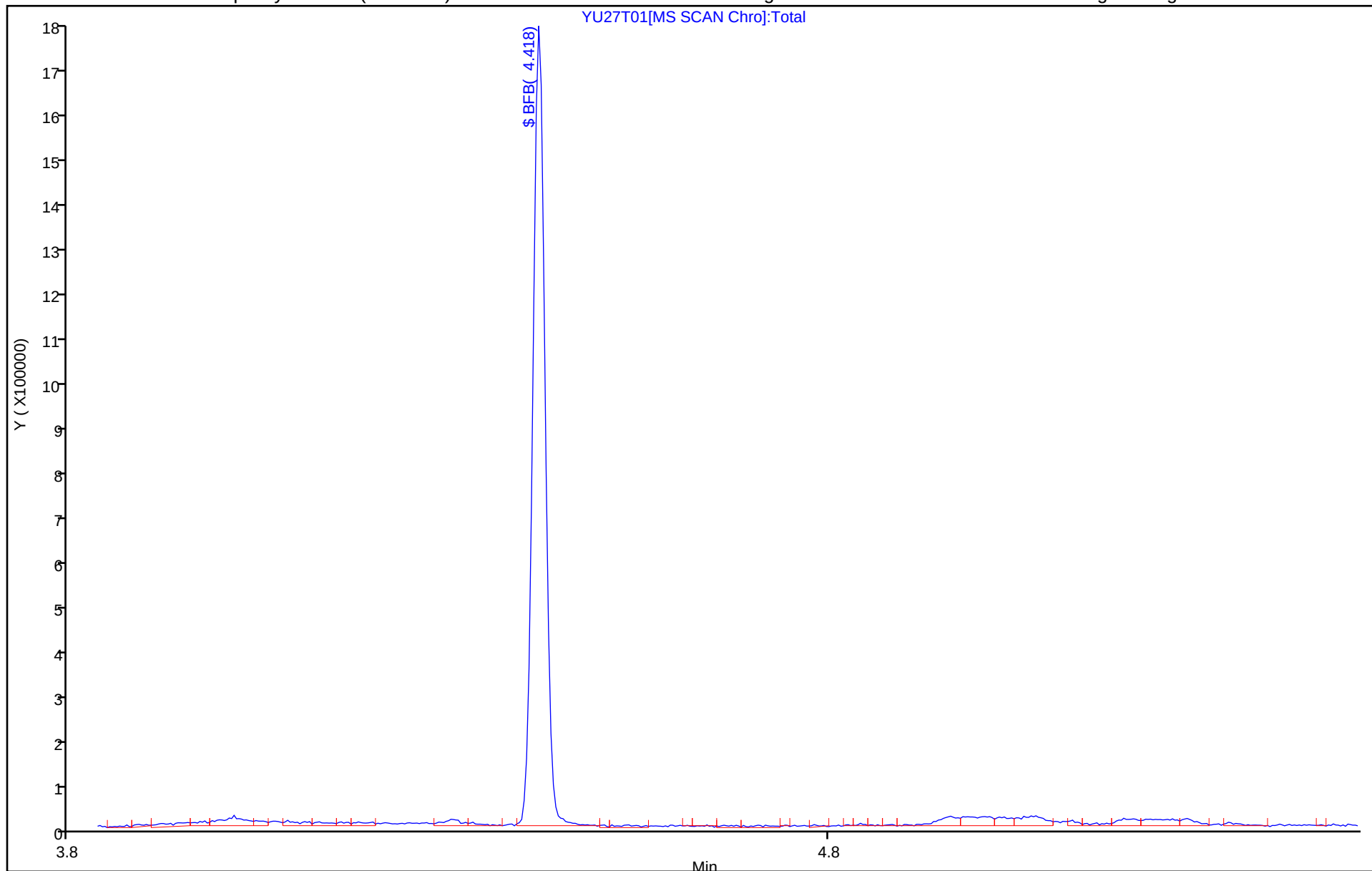
ALS Bottle#: 1

Method: MSVoa_9355

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13T51.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 13-Oct-2025 22:34:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0163047-001
Misc. Info.: BFB
Operator ID: KEL87800 Instrument ID: 9355
Method: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 14-Oct-2025 12:45:52 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1602

First Level Reviewer: N9NA

Date: 14-Oct-2025 12:45:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 34 BFB	95	4.422	4.422	0.000	0	259586	NC	NC	
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QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MSV_V_BFB_00019

Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13T51.D

Injection Date: 13-Oct-2025 22:34:30

Instrument ID: 9355

Lims ID: BFB

Client ID:

Operator ID: KEL87800

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

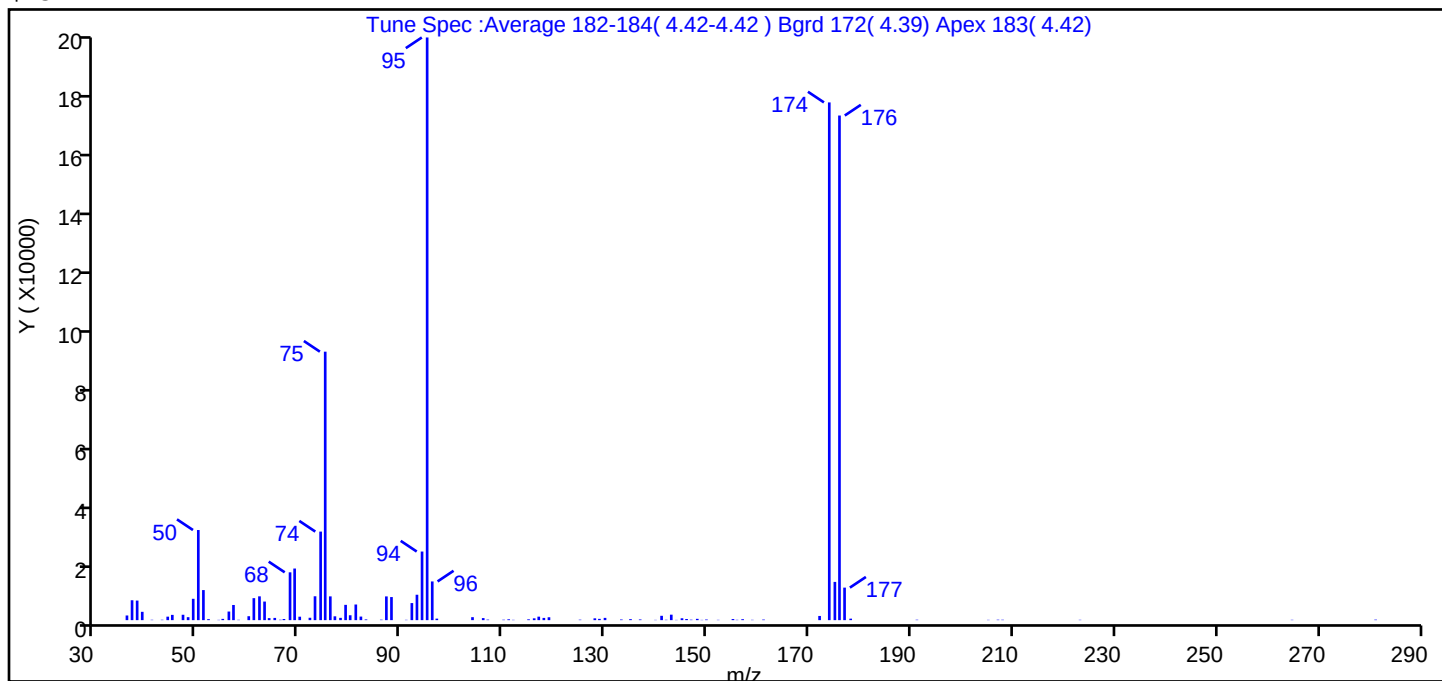
Dil. Factor: 1.0000

Method: MSVoa_9355

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

\$ 34 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.5
75	30 to 60% of m/z 95	46.1
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	88.9
175	5 to 9% of m/z 174	6.6 (7.4)
176	Greater than 95% but less than 101% of m/z 174	86.6 (97.5)
177	5 to 9% of m/z 176	5.6 (6.4)

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13T51.D\MSVoa_9355.rslt\spectra.d
Injection Date: 13-Oct-2025 22:34:30
Spectrum: Tune Spec :Average 182-184(4.42-4.42) Bgrd 172(4.39) Apex 183(4.42)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 101

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1527	67.00	372	104.00	973	147.00	152
37.00	6510	68.00	15648	105.00	8	148.00	425
38.00	6405	69.00	16888	106.00	671	149.00	83
39.00	2723	70.00	1129	107.00	175	150.00	205
41.00	118	72.00	780	110.00	138	152.00	101
43.00	128	73.00	7811	111.00	277	155.00	357
44.00	1139	74.00	28976	112.00	100	156.00	108
45.00	1724	75.00	87848	115.00	266	157.00	305
47.00	1763	76.00	7777	116.00	593	159.00	105
48.00	970	77.00	1254	117.00	1138	161.00	187
49.00	6984	78.00	754	118.00	731	172.00	1369
50.00	29488	79.00	5003	119.00	945	174.00	169408
51.00	9836	80.00	1595	125.00	152	175.00	12515
52.00	325	81.00	5118	128.00	593	176.00	165120
54.00	93	82.00	1168	129.00	421	177.00	10642
55.00	413	83.00	238	130.00	742	178.00	489
56.00	2815	86.00	151	133.00	209	191.00	138
57.00	4960	87.00	7767	135.00	321	205.00	96
58.00	116	88.00	7552	137.00	224	207.00	148
60.00	1287	91.00	104	140.00	89	208.00	132
61.00	7197	92.00	5585	141.00	1420	223.00	109
62.00	7791	93.00	8311	142.00	124	265.00	111
63.00	6080	94.00	22448	143.00	1791	281.00	164
64.00	663	95.00	190656	144.00	84		
65.00	732	96.00	12663	145.00	612		
66.00	129	97.00	493	146.00	371		

Report Date: 14-Oct-2025 12:45:52

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13T51.D

Injection Date: 13-Oct-2025 22:34:30

Instrument ID: 9355

Operator ID: KEL87800

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

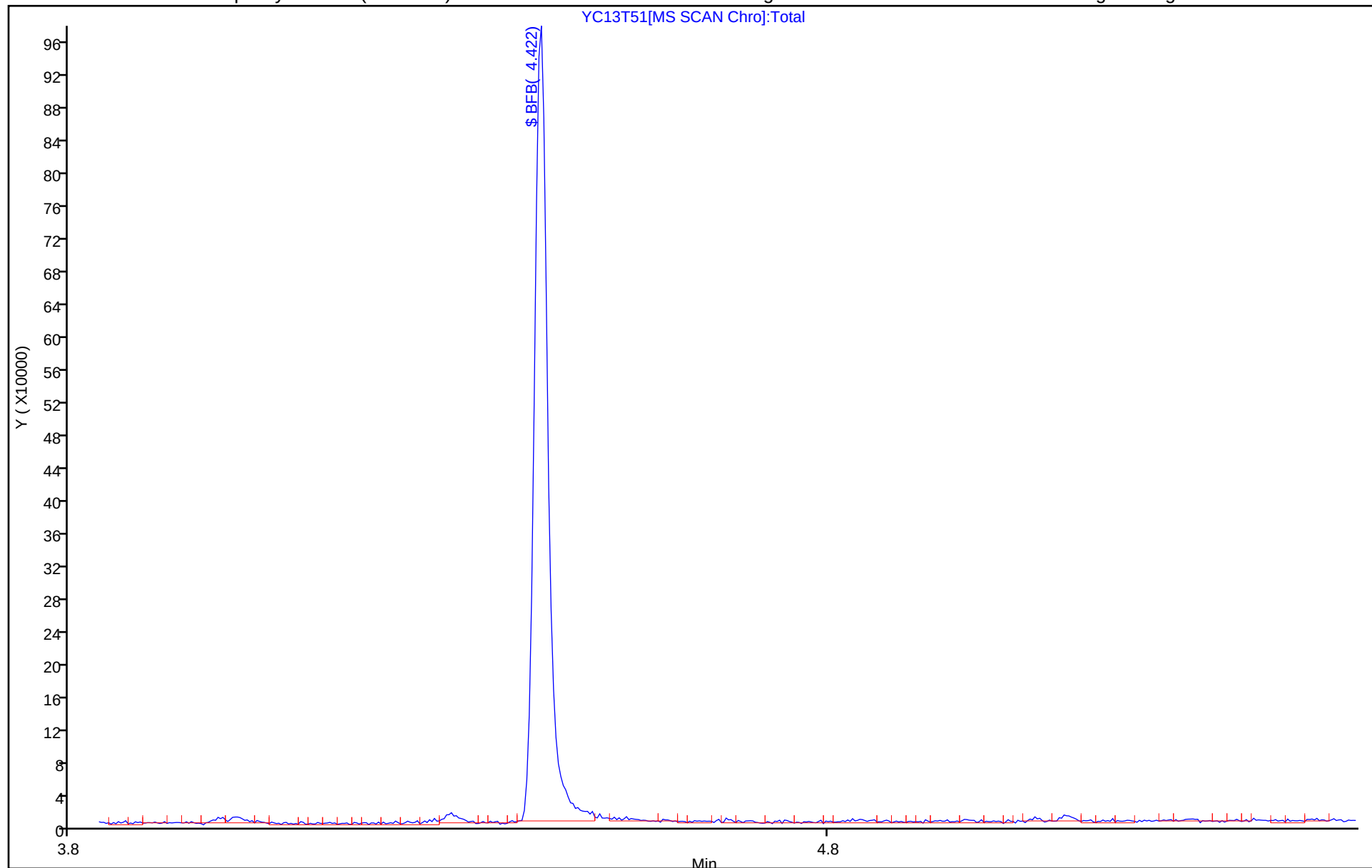
ALS Bottle#: 1

Method: MSVoa_9355

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-711952/7

Matrix: Water

Lab File ID: NC10X06.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5(mL)

Date Analyzed: 10/10/2025 11:22

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711952

Units: ug/L

Preparation Batch No.:

Instrument ID: 7159

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No. :

Client Sample ID:

Lab Sample ID: MB 410-711952/7

Matrix: Water

Lab File ID: NC10X06.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/10/2025 11:22

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711952

Units: ug/L

Preparation Batch No.:

Instrument ID: 7159

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		80-120
460-00-4	4-Bromofluorobenzene (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	95		80-120
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X06.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 10-Oct-2025 11:22:33 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162698-007
 Operator ID: CLM27445 Instrument ID: 7159
 Method: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 12:40:11 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1630

First Level Reviewer: TQ4J

Date: 10-Oct-2025 12:37:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.984					ND	
2 Dichlorodifluoromethane	85		2.032					ND	
3 Chlorodifluoromethane	51		2.041					ND	7
4 Chloromethane	50	2.238	2.231	0.007	1	1591		0.1103	
5 Butadiene	39		2.347					ND	7
6 Vinyl chloride	62		2.363					ND	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.443					ND	7
8 Bromomethane	94		2.697					ND	
9 Chloroethane	64		2.807					ND	
10 Dichlorofluoromethane	67		3.070					ND	7
11 Trichlorofluoromethane	101		3.122					ND	
12 Pentane	43		3.180					ND	7
13 Ethanol	45		3.283					ND	
14 Ethyl ether	59		3.421					ND	
15 1,2-Dichloro-1,1,2-trifluoroetha	67		3.508					ND	
16 Acrolein	56		3.607					ND	
17 1,1-Dichloroethene	96		3.746					ND	7
19 Acetone	58		3.791					ND	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101		3.794					ND	
20 Iodomethane	142		3.951					ND	
21 Isopropyl alcohol	45		3.977					ND	
22 Carbon disulfide	76		4.058					ND	7
23 Acetonitrile	41		4.225					ND	7
24 Methyl acetate	43		4.260					ND	
25 3-Chloro-1-propene	41		4.273					ND	
26 Methylene Chloride	84		4.482					ND	
* 27 t-Butyl alcohol-d10 (IS)	65	4.565	4.537	0.028	1	376748	250.0	250.0	
28 2-Methyl-2-propanol	59		4.636					ND	
29 Acrylonitrile	53		4.849					ND	
32 Methyl tert-butyl ether	73		4.903					ND	7
31 trans-1,2-Dichloroethene	96		4.906					ND	7
33 Hexane	57		5.341					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63		5.582					ND	
34 Vinyl acetate	43		5.588					ND	7
36 Isopropyl ether	45		5.646					ND	
37 2-Chloro-1,3-butadiene	53		5.691					ND	
S 38 1,2-Dichloroethene, Total	100		6.155					ND	7
39 Tert-butyl ethyl ether	59		6.176					ND	
40 2-Butanone (MEK)	43		6.389					ND	
41 cis-1,2-Dichloroethene	96		6.418					ND	
43 2,2-Dichloropropane	77		6.434					ND	
42 Ethyl acetate	43		6.459					ND	7
44 Propionitrile	54		6.488					ND	
45 Methyl acrylate	55		6.527					ND	U
46 Methacrylonitrile	67		6.697					ND	
47 Chlorobromomethane	128		6.749					ND	
48 Tetrahydrofuran	71		6.758					ND	
49 Chloroform	83		6.897					ND	
\$ 50 Dibromofluoromethane (Surr)	113	7.109	7.106	0.003	93	327222	50.0	47.4	
51 1,1,1-Trichloroethane	97		7.119					ND	
52 Cyclohexane	56		7.215					ND	
53 Carbon tetrachloride	117		7.328					ND	
54 1,1-Dichloropropene	75		7.328					ND	
55 Isobutyl alcohol	41		7.488					ND	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.569	7.569	0.000	27	79418	50.0	51.1	
57 Benzene	78		7.594					ND	
59 1,2-Dichloroethane	62		7.665					ND	7
58 Isopropyl acetate	43		7.681					ND	7
60 Tert-amyl methyl ether	73		7.781					ND	
61 t-Amyl alcohol	73	7.848	7.865	-0.017	1	82		NC	
* 62 Fluorobenzene (IS)	96	7.993	7.993	0.000	99	1214049	50.0	50.0	
63 n-Heptane	43		8.000					ND	7
64 n-Butanol	56		8.350					ND	
65 Trichloroethene	95		8.459					ND	
66 Ethyl acrylate	55		8.585					ND	
67 Methylcyclohexane	83		8.768					ND	
69 1,2-Dichloropropane	63		8.797					ND	
68 2-ethoxy-2-methyl butane	87		8.797					ND	
70 Methyl methacrylate	69		8.874					ND	
71 1,4-Dioxane	88		8.877					ND	
72 Dibromomethane	93		8.903					ND	
73 n-Propyl acetate	61		8.958					ND	
74 Dichlorobromomethane	83		9.135					ND	
75 2-Nitropropane	41		9.405					ND	7
76 2-Chloroethyl vinyl ether	63		9.479					ND	
77 cis-1,3-Dichloropropene	75		9.656					ND	
78 4-Methyl-2-pentanone (MIBK)	43		9.823					ND	7
\$ 79 Toluene-d8 (Surr)	98	9.951	9.951	0.000	93	1093614	50.0	54.1	
118 Toluene	92		10.022					ND	
S 119 1,3-Dichloropropene, Total	100		10.060					ND	7
120 trans-1,3-Dichloropropene	75		10.266					ND	7
121 Ethyl methacrylate	69		10.321					ND	
122 1,1,2-Trichloroethane	97		10.463					ND	
123 Tetrachloroethene	166		10.543					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
124 1,3-Dichloropropane	76		10.620					ND	
125 3,4-Dichloro-1-butene	75		10.659					ND	7
126 2-Hexanone	43		10.668					ND	7
127 n-Butyl acetate	43		10.778					ND	7
128 Chlorodibromomethane	129		10.826					ND	
129 Ethylene Dibromide	107		10.935					ND	
S 130 Xylenes, Total	106		11.245					ND	7
* 131 Chlorobenzene-d5 (IS)	117	11.356	11.353	0.003	85	822965	50.0	50.0	
132 1-Chlorohexane	91		11.356					ND	7
133 Chlorobenzene	112		11.379					ND	
134 1,1,1,2-Tetrachloroethane	131		11.459					ND	
135 Ethylbenzene	91		11.463					ND	
136 m-Xylene & p-Xylene	106		11.572					ND	7
137 n-Butyl acrylate	55		11.842					ND	
138 o-Xylene	106		11.897					ND	
139 Styrene	104		11.909					ND	7
140 Bromoform	173		12.064					ND	7
141 Isopropylbenzene	105		12.189					ND	
143 Cyclohexanone	55		12.273					ND	
142 cis-1,4-Dichloro-2-butene	88	12.330	12.327	0.003	0	17583		6.00	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.330	12.331	-0.001	89	394794	50.0	51.7	
145 1,1,2,2-Tetrachloroethane	83		12.427					ND	
146 Bromobenzene	156		12.446					ND	
147 trans-1,4-Dichloro-2-butene	53		12.453					ND	
148 1,2,3-Trichloropropane	110		12.479					ND	
149 N-Propylbenzene	91		12.511					ND	7
150 2-Chlorotoluene	126		12.588					ND	
151 1,3,5-Trimethylbenzene	105		12.643					ND	7
152 4-Chlorotoluene	126		12.678					ND	7
153 2,3,4-Trichlorobutene	109		12.691					ND	7
154 tert-Butylbenzene	134		12.881					ND	7
156 Pentachloroethane	167		12.906					ND	
155 1,2,4-Trimethylbenzene	105		12.922					ND	7
157 sec-Butylbenzene	105		13.041					ND	7
158 1,3-Dichlorobenzene	146		13.141					ND	7
159 4-Isopropyltoluene	119		13.147					ND	7
* 160 1,4-Dichlorobenzene-d4	152	13.199	13.196	0.003	95	458632	50.0	50.0	
161 1,4-Dichlorobenzene	146		13.215					ND	7
162 1,2,3-Trimethylbenzene	105		13.225					ND	7
163 Benzyl chloride	91		13.292					ND	7
164 1,3-Diethylbenzene	119		13.344					ND	7
165 p-Diethylbenzene	119		13.414					ND	7
166 n-Butylbenzene	92		13.434					ND	7
167 1,2-Dichlorobenzene	146		13.472					ND	
168 o-diethylbenzene	119		13.488					ND	7
169 Hexachloroethane	201		13.560					ND	
170 1,2-Dibromo-3-Chloropropane	75		14.009					ND	7
171 1,3,5-Trichlorobenzene	180		14.131					ND	7
172 1,2,4-Trichlorobenzene	180		14.552					ND	7
173 2-Ethylhexyl acrylate	55		14.604					ND	U
174 Hexachlorobutadiene	225		14.633					ND	
175 Naphthalene	128		14.736					ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
176 1,2,3-Trichlorobenzene	180		14.880					ND	7
177 2-Methylnaphthalene	142		15.524					ND	7
178 C4-C10	1		0.000					ND	
179 C4-C12	1		0.000					ND	
180 C5-C12	1		0.000					ND	
181 2-Butoxyethyl acetate	1		0.000					ND	
182 Gasoline (Unleaded)	1		0.000					ND	
183 TAH TIC	1		0.000					ND	
184 Dimethyl Sulfide	1		0.000					ND	
241 cis-1,2,3-Trichlorobutene-2	1		0.000					ND	
242 3-Methylhexane TIC	1		0.000					ND	
\$ 187 trans-1,2,3-Trichlorobutene-2 TIC	1		0.000					ND	
188 sec-Butyl Alcohol TIC	1		0.000					ND	
189 1,1,1,2-Tetrafluoroethane TIC	1		0.000					ND	
190 Phosgene TIC	1		0.000					ND	
191 2-ethoxy-2-methyl butane TIC	1		0.000					ND	
192 2,3-Dimethylbutane TIC	1		0.000					ND	
298 d-Limonene	1		0.000					ND	
240 Diethoxymethane	1		0.000					ND	
195 Methyl Isocyanate TIC	1		0.000					ND	
210 Propene oxide	1		0.000					ND	
211 2,3-Dichloro-1,3-butadiene	1		0.000					ND	
212 Ethyl bromide	1		0.000					ND	
213 1,3-Divinylbenzene	1		0.000					ND	
193 Methylcyclopentane TIC	1		0.000					ND	
186 C7-C12	1		0.000					ND	
185 1-Methylnaphthalene	142		0.000					ND	
194 2,2-Dimethylbutane TIC	1		0.000					ND	
306 Chloromethyl methyl ether TIC	1		0.000					ND	
235 1,1-Dichloro-1-fluoroethane	1		0.000					ND	
305 1,2 Epoxybutane TIC	1		0.000					ND	
304 1,2-Propyleneimine TIC	1		0.000					ND	
303 Tetrachloroethene TIC	1		0.000					ND	
302 Methyl mercaptan TIC	1		0.000					ND	
301 Trichloroethene TIC	1		0.000					ND	
300 Diazomethane TIC	1		0.000					ND	
299 Aziridine TIC	1		0.000					ND	
214 1-Bromo-2-chloroethane	1		0.000					ND	
215 trans-1,2,3-Trichlorobutene-2	1		0.000					ND	
216 C6-C10	1		0.000					ND	
205 Decamethylcyclopentasiloxane TIC	1		0.000					ND	
218 C6-C12	1		0.000					ND	
219 3-Methyl-1-butene	1		0.000					ND	
220 n-Decane	57		0.000					ND	
221 Dodecane	57		0.000					ND	
222 Butane	1		0.000					ND	
223 tert-Butyl Formate	1		0.000					ND	
206 Dimethylformamide TIC	1		0.000					ND	
207 Carbonyl sulfide TIC	1		0.000					ND	
226 Undecane	1		0.000					ND	
227 sec-Butyl Alcohol	45		0.000					ND	
S 228 Total BTEX	1		0.000					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
229 1,1,2,2-Tetrachloro-1,2-difluoro1			0.000					ND	
230 Propanol	1		0.000					ND	
231 n-Nonane	1		0.000					ND	
208 1,4-Divinylbenzene	1		0.000					ND	
209 Styrene oxide TIC	1		0.000					ND	
234 bis(2-chloromethyl)ether TIC	1		0.000					ND	
S 238 Total Diethylbenzene	1		0.000					ND	7
203 2,2-Dimethylpropane TIC	1		0.000					ND	
202 3-chloro-1-Butene TIC	1		0.000					ND	
201 2-Methylhexane TIC	1		0.000					ND	
200 4-Ethyltoluene	1		0.000					ND	
199 3-Pentanone TIC	1		0.000					ND	
198 1-Methylnaphthalene (TIC)	1		0.000					ND	
197 3-Methylpentane TIC	1		0.000					ND	
196 Cyclopentane TIC	1		0.000					ND	
233 n-Octane	1		0.000					ND	
232 Isobutyl acetate	43		0.000					ND	
225 Chloroacetonitrile	1		0.000					ND	
224 Methylal	1		0.000					ND	
217 3-chloro-1-Butene	1		0.000					ND	
236 4-Hydroxy-4-methyl-2-pentanone TIC	1		0.000					ND	
S 237 divinyl benzene	1		0.000					ND	7
239 1-Chlorobutane	1		0.000					ND	
307 Vinyl chloride TIC	1		0.000					ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 10-Oct-2025 12:41:01

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X06.D

Injection Date: 10-Oct-2025 11:22:33

Instrument ID: 7159

Operator ID: CLM27445

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

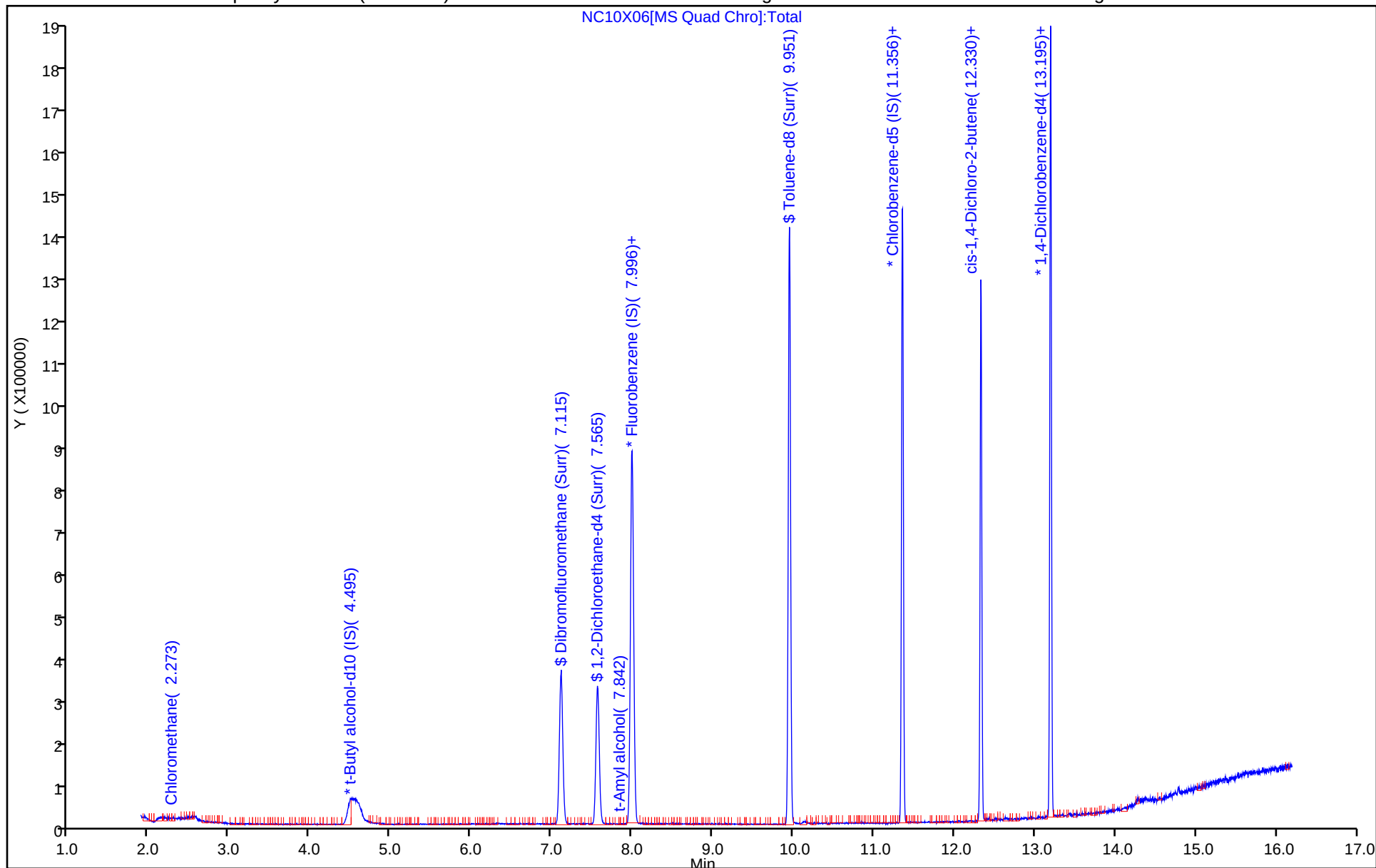
ALS Bottle#: 6

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X06.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Oct-2025 11:22:33 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162698-007
Operator ID: CLM27445 Instrument ID: 7159
Method: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\MSVoa_7159.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 12:40:11 Calib Date: 22-Sep-2025 22:59:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1630

First Level Reviewer: TQ4J

Date: 10-Oct-2025 12:37:30

Compound	Amount Added	Amount Recovered	% Rec.
\$ 50 Dibromofluoromethane (Surr)	50.0	47.4	94.82
\$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	51.1	102.13
\$ 79 Toluene-d8 (Surr)	50.0	54.1	108.19
\$ 144 4-Bromofluorobenzene (Surr)	50.0	51.7	103.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-712734/6

Matrix: Water

Lab File ID: FC12X57.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/12/2025 22:41

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712734

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-712734/6

Matrix: Water

Lab File ID: FC12X57.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/12/2025 22:41

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712734

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		80-120
460-00-4	4-Bromofluorobenzene (Surr)	90		80-120
1868-53-7	Dibromofluoromethane (Surr)	110		80-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X57.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 12-Oct-2025 22:41:11 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162872-006
 Operator ID: AGD105956 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 13-Oct-2025 14:28:25 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: Z6YX

Date: 12-Oct-2025 23:16:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.907					ND	U
3 Dichlorodifluoromethane	85		1.936					ND	
124 Chlorodifluoromethane	51		1.962					ND	U
4 Chloromethane	50		2.129					ND	7
5 Vinyl chloride	62		2.242					ND	7
6 Butadiene	39		2.261					ND	U
8 Bromomethane	94		2.589					ND	7
9 Chloroethane	64		2.676					ND	7
10 Dichlorofluoromethane	67		2.923					ND	U
11 Trichlorofluoromethane	101		2.985					ND	
12 Pentane	43		3.017					ND	7
2 Ethanol	45		3.129					ND	U
14 Ethyl ether	59		3.242					ND	
15 1,2-Dichloro-1,1,2-trifluoroethane	67		3.341					ND	U
16 Acrolein	56		3.415					ND	7
17 1,1-Dichloroethene	96		3.554					ND	7
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101		3.579					ND	7
19 Acetone	58		3.595					ND	7
21 Iodomethane	142		3.766					ND	
22 Isopropyl alcohol	45		3.798					ND	7
23 Carbon disulfide	76		3.862					ND	7
7 Acetonitrile	41		4.007					ND	
24 Methyl acetate	43		4.020					ND	7
25 3-Chloro-1-propene	41		4.033					ND	7
26 Methylene Chloride	84		4.239					ND	7
* 27 t-Butyl alcohol-d10 (IS)	65	4.290	4.274	0.016	97	2614266	250.0	250.0	
28 2-Methyl-2-propanol	59		4.415					ND	7
31 Acrylonitrile	53		4.589					ND	7
32 trans-1,2-Dichloroethene	96		4.640					ND	7
33 Methyl tert-butyl ether	73		4.650					ND	7
34 Hexane	57		5.075					ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63		5.316					ND	7
13 Vinyl acetate	43		5.341					ND	U
36 Isopropyl ether	45		5.390					ND	7
37 2-Chloro-1,3-butadiene	53		5.425					ND	7
39 Tert-butyl ethyl ether	59		5.927					ND	7
41 2-Butanone (MEK)	43		6.148					ND	U
S 40 1,2-Dichloroethene, Total	100		6.155					ND	7
42 cis-1,2-Dichloroethene	96		6.165					ND	7
43 2,2-Dichloropropane	77		6.177					ND	7
20 Ethyl acetate	43		6.219					ND	U
44 Propionitrile	54		6.248					ND	7
45 Methacrylonitrile	67		6.457					ND	7
46 Chlorobromomethane	128		6.492					ND	
47 Tetrahydrofuran	71		6.512					ND	7
48 Chloroform	83	6.653	6.650	0.003	54	6695		0.2982	M
\$ 49 Dibromofluoromethane (Surr)	113	6.869	6.862	0.007	92	692178	50.0	55.1	
50 1,1,1-Trichloroethane	97		6.875					ND	
51 Cyclohexane	56		6.968					ND	7
52 1,1-Dichloropropene	75		7.084					ND	7
53 Carbon tetrachloride	117		7.084					ND	
56 Isobutyl alcohol	41		7.271					ND	7
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.328	7.328	0.000	99	171705	50.0	52.3	
58 Benzene	78		7.354					ND	7
59 1,2-Dichloroethane	62		7.425					ND	7
30 Isopropyl acetate	43		7.457					ND	U
60 Tert-amyl methyl ether	73		7.547					ND	7
* 61 Fluorobenzene (IS)	96	7.762	7.759	0.003	98	2332482	50.0	50.0	
62 n-Heptane	43		7.772					ND	7
63 n-Butanol	56		8.152					ND	7
64 Trichloroethene	95		8.238					ND	7
65 Methylcyclohexane	83		8.553					ND	7
66 1,2-Dichloropropane	63		8.576					ND	7
67 2-ethoxy-2-methyl butane	87		8.589					ND	7
68 Methyl methacrylate	69		8.669					ND	7
70 1,4-Dioxane	88		8.676					ND	7
69 Dibromomethane	93		8.689					ND	7
38 n-Propyl acetate	61		8.756					ND	U
72 Dichlorobromomethane	83		8.930					ND	7
73 2-Nitropropane	41		9.213					ND	7
74 2-Chloroethyl vinyl ether	63		9.293					ND	7
76 cis-1,3-Dichloropropene	75		9.473					ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.660					ND	7
\$ 79 Toluene-d8 (Surr)	98	9.785	9.779	0.006	94	2093361	50.0	48.5	
80 Toluene	92		9.859					ND	7
86 Methyl Isocyanate TIC	73		10.000					ND	U
S 104 1,3-Dichloropropene, Total	100		10.060					ND	7
105 trans-1,3-Dichloropropene	75		10.116					ND	7
106 Ethyl methacrylate	69		10.180					ND	7
107 1,1,2-Trichloroethane	97		10.322					ND	7
108 Tetrachloroethene	166		10.402					ND	
109 1,3-Dichloropropane	76		10.483					ND	7
54 3,4-Dichloro-1-butene	75		10.521					ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
110 2-Hexanone	43		10.544					ND	7
55 n-Butyl acetate	43		10.659					ND	U
111 Chlorodibromomethane	129		10.695					ND	7
112 Ethylene Dibromide	107		10.804					ND	7
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	88	1523112	50.0	50.0	
S 116 Xylenes, Total	106		11.245					ND	7
114 1-Chlorohexane	91		11.248					ND	U
115 Chlorobenzene	112		11.264					ND	7
117 1,1,1,2-Tetrachloroethane	131		11.348					ND	
118 Ethylbenzene	91		11.351					ND	7
119 m-Xylene & p-Xylene	106		11.467					ND	7
120 o-Xylene	106		11.798					ND	7
121 Styrene	104		11.811					ND	7
122 Bromoform	173		11.965					ND	7
123 Isopropylbenzene	105		12.100					ND	7
71 cis-1,4-Dichloro-2-butene	88		12.148					ND	U
125 Cyclohexanone	55		12.209					ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	85	701775	50.0	45.1	
127 1,1,2,2-Tetrachloroethane	83		12.348					ND	7
128 Bromobenzene	156		12.357					ND	7
129 trans-1,4-Dichloro-2-butene	53		12.373					ND	U
130 1,2,3-Trichloropropane	110		12.393					ND	7
131 N-Propylbenzene	91		12.428					ND	7
132 2-Chlorotoluene	126		12.505					ND	7
133 1,3,5-Trimethylbenzene	105		12.566					ND	7
134 4-Chlorotoluene	126		12.598					ND	7
75 2,3,4-Trichlorobutene	109		12.621					ND	
135 tert-Butylbenzene	134		12.811					ND	U
77 Pentachloroethane	167		12.839					ND	
136 1,2,4-Trimethylbenzene	105		12.852					ND	7
137 sec-Butylbenzene	105		12.975					ND	7
138 1,3-Dichlorobenzene	146		13.071					ND	7
139 4-Isopropyltoluene	119		13.081					ND	7
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.126	0.003	97	829763	50.0	50.0	
141 1,4-Dichlorobenzene	146		13.145					ND	7
142 1,2,3-Trimethylbenzene	105		13.158					ND	7
143 Benzyl chloride	91		13.222					ND	7
144 1,3-Diethylbenzene	119	13.290	13.283	0.007	89	2516		0.1180	
145 p-Diethylbenzene	119		13.354					ND	
146 n-Butylbenzene	92	13.370	13.373	-0.003	92	3105		0.1729	
147 1,2-Dichlorobenzene	146	13.405	13.409	-0.004	51	2692		0.1261	
148 o-diethylbenzene	119	13.428	13.428	0.000	29	2014		0.1065	
149 1,2-Dibromo-3-Chloropropane	75		13.952					ND	U
150 1,3,5-Trichlorobenzene	180	14.077	14.077	0.000	93	5142		0.4061	
151 1,2,4-Trichlorobenzene	180	14.502	14.502	0.000	89	6350		0.5225	
152 Hexachlorobutadiene	225		14.585					ND	7
153 Naphthalene	128		14.688					ND	7
154 1,2,3-Trichlorobenzene	180	14.833	14.833	0.000	89	8492		0.6458	
155 2-Methylnaphthalene	142	15.482	15.479	0.003	91	29498		4.01	
S 156 Total Diethylbenzene	1		0.000					ND	7
157 Decamethylcyclopentasiloxane TIC			0.000					ND	
158 Dimethyl Sulfide TIC	1		0.000					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
159 2,2-Dimethylpropane TIC	1		0.000					ND	
160 2-Methylhexane TIC	1		0.000					ND	
161 tert-Butyl Formate	1		0.000					ND	
162 3-Pentanone TIC	1		0.000					ND	
163 1-Methylnaphthalene (TIC)	1		0.000					ND	
164 3-Methylpentane TIC	1		0.000					ND	
165 Cyclopentane TIC	1		0.000					ND	
166 Styrene oxide TIC	1		0.000					ND	
167 Dimethylformamide TIC	1		0.000					ND	
168 2,3-Dimethylbutane TIC	1		0.000					ND	
169 2,2-Dimethylbutane TIC	1		0.000					ND	
170 2-ethoxy-2-methyl butane TIC	1		0.000					ND	
171 d-Limonene	1		0.000					ND	
172 Aziridine TIC	1		0.000					ND	
173 Diazomethane TIC	1		0.000					ND	
174 Trichloroethene TIC	1		0.000					ND	
175 Methyl mercaptan TIC	1		0.000					ND	
176 Tetrachloroethene TIC	1		0.000					ND	
177 1,2-Propyleneimine TIC	1		0.000					ND	
178 1,2 Epoxybutane TIC	1		0.000					ND	
179 4-Hydroxy-4-methyl-2-pentanone TIC	1		0.000					ND	
180 Chloromethyl methyl ether TIC	1		0.000					ND	
181 Carbonyl sulfide TIC	1		0.000					ND	
182 3-chloro-1-Butene TIC	1		0.000					ND	
183 Ethyl acrylate	55		0.000					ND	
184 3-Methyl-1-butene	1		0.000					ND	
185 Propanol	1		0.000					ND	
186 Isobutyl acetate	43		0.000					ND	
187 4-Ethyltoluene	1		0.000					ND	
188 sec-Butyl Alcohol	45		0.000					ND	
189 3-Methylhexane TIC	1		0.000					ND	
190 Phosgene TIC	1		0.000					ND	
191 Gasoline (Unleaded)	1		0.000					ND	
192 C7-C12	1		0.000					ND	
193 1,1-Dichloro-1-fluoroethane TIC	1		0.000					ND	
194 Dimethyl Sulfide	1		0.000					ND	
195 1-Methylnaphthalene	142		0.000					ND	
\$ 196 trans-1,2,3-Trichlorobutene-2 TIC	1		0.000					ND	
197 sec-Butyl Alcohol TIC	1		0.000					ND	
198 2-Ethylhexyl acrylate	55		0.000					ND	
S 199 Total BTEX	1		0.000					ND	7
200 Methyl acrylate	55		0.000					ND	
201 1,1,2,2-Tetrachloro-1,2-difluoroethane TIC	1		0.000					ND	
202 2-Butoxyethyl acetate	1		0.000					ND	
203 1,1,1,2-Tetrafluoroethane TIC	1		0.000					ND	
204 bis(2-chloromethyl)ether TIC	1		0.000					ND	
205 Methylcyclopentane TIC	1		0.000					ND	
206 n-Butyl acrylate	55		0.000					ND	
207 Vinyl chloride TIC	1		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 13-Oct-2025 14:28:27

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X57.D

Injection Date: 12-Oct-2025 22:41:11

Instrument ID: 15830

Operator ID: AGD105956

Lims ID: MB

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

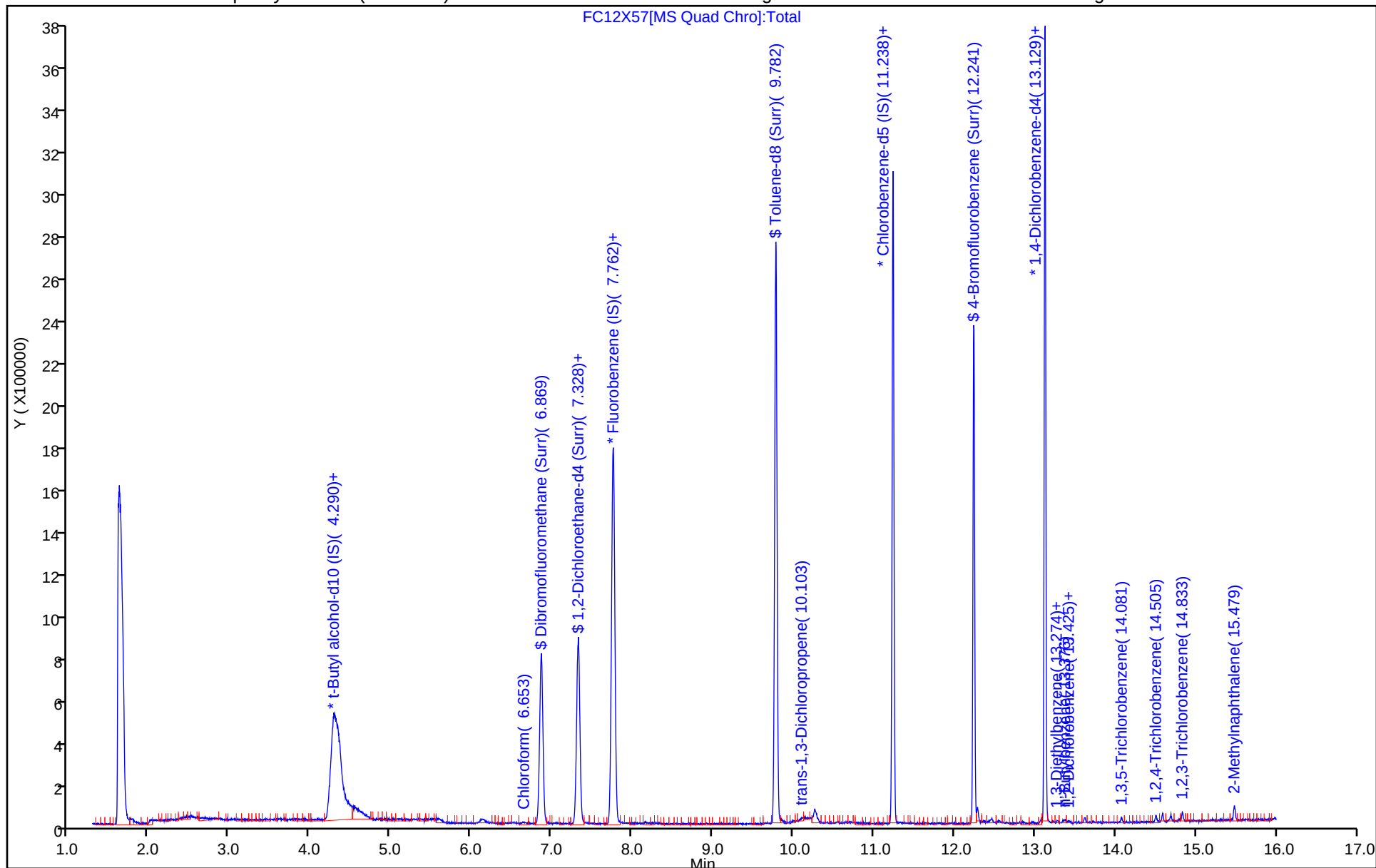
ALS Bottle#: 5

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X57.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 12-Oct-2025 22:41:11 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162872-006
Operator ID: AGD105956 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 13-Oct-2025 14:28:25 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: Z6YX

Date: 12-Oct-2025 23:16:45

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	55.1	110.13
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	52.3	104.65
\$ 79 Toluene-d8 (Surr)	50.0	48.5	97.04
\$ 126 4-Bromofluorobenzene (Surr)	50.0	45.1	90.14

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X57.D

Injection Date: 12-Oct-2025 22:41:11

Instrument ID: 15830

Lims ID: MB

Client ID:

Operator ID: AGD105956

ALS Bottle#: 5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

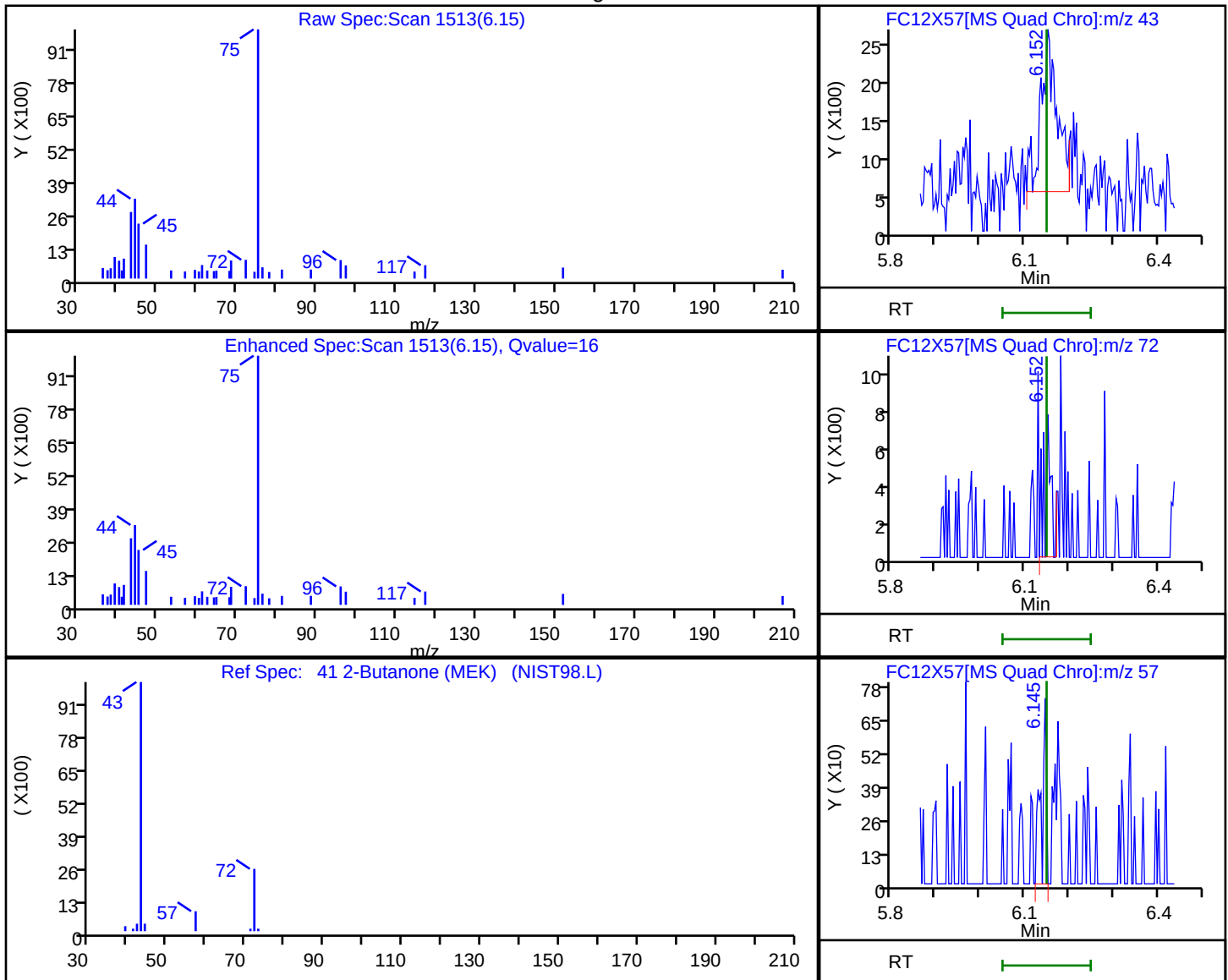
Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

41 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
6.15	43.00	5396	0.365381
6.15	72.00	753	
6.15	57.00	567	

Reviewer: FQ4L, 13-Oct-2025 14:28:16 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

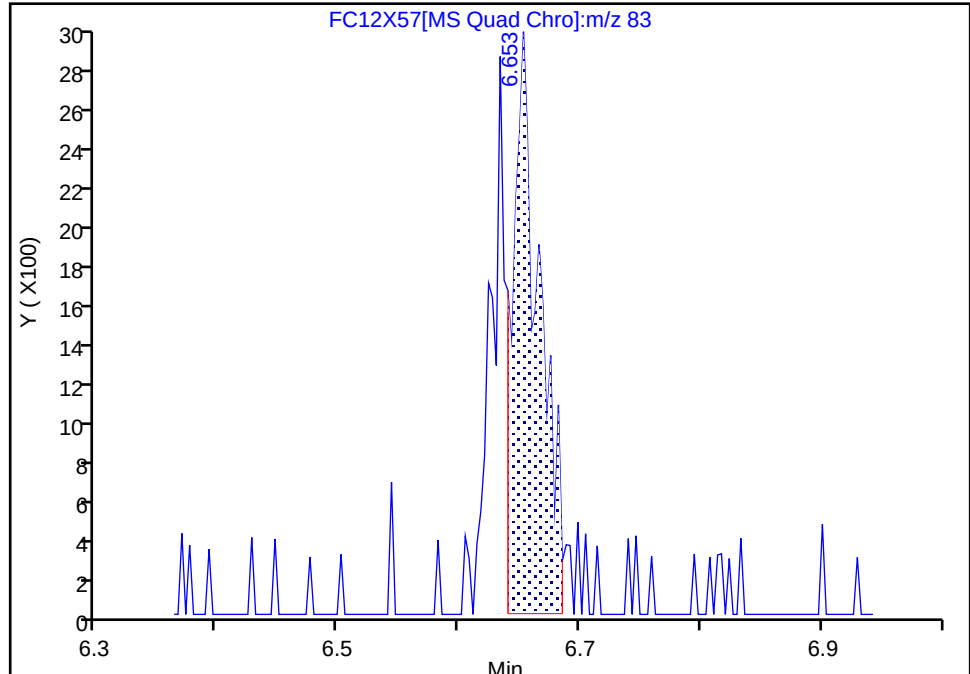
Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X57.D
Injection Date: 12-Oct-2025 22:41:11 Instrument ID: 15830
Lims ID: MB
Client ID:
Operator ID: AGD105956 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

48 Chloroform, CAS: 67-66-3

Signal: 1

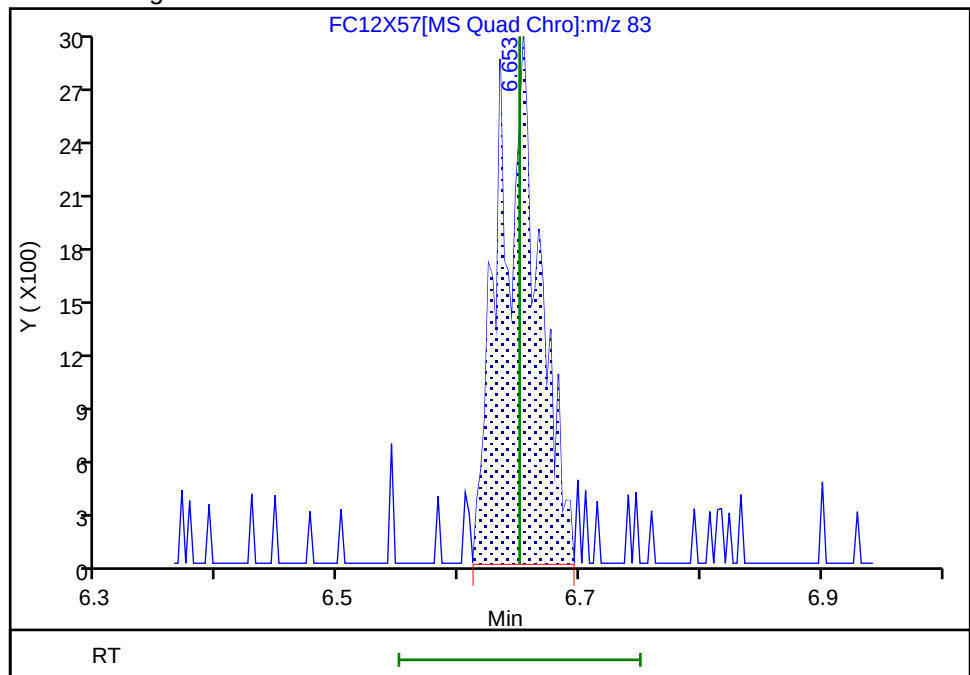
RT: 6.65
Area: 4492
Amount: 0.200087
Amount Units: ug/l

Processing Integration Results



RT: 6.65
Area: 6695
Amount: 0.298215
Amount Units: ug/l

Manual Integration Results



Reviewer: FQ4L, 13-Oct-2025 14:28:13 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-712926/8

Matrix: Water

Lab File ID: 5C13X07.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5(mL)

Date Analyzed: 10/13/2025 11:23

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712926

Units: ug/L

Preparation Batch No.:

Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-712926/8

Matrix: Water Lab File ID: 5C13X07.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2025 11:23

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 712926 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	106		80-120
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X07.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 13-Oct-2025 11:23:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162928-008
 Operator ID: knk41612 Instrument ID: 26285
 Method: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 13-Oct-2025 13:31:01 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1625

First Level Reviewer: DVW2

Date: 13-Oct-2025 13:30:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.537					ND	
3 Chlorodifluoromethane	51		1.585					ND	
2 Dichlorodifluoromethane	85		1.604					ND	
5 Chloromethane	50		1.756					ND	
6 Vinyl chloride	62		1.823					ND	
7 Butadiene	39		1.835					ND	7
8 2-Chloro-1,1,1-Trifluoroethane	118		1.884					ND	
10 Bromomethane	94		2.104					ND	
11 Chloroethane	64		2.177					ND	
12 Dichlorofluoromethane	67		2.378					ND	
14 Trichlorofluoromethane	101		2.427					ND	
13 Pentane	43		2.439					ND	
15 Ethanol	45		2.488					ND	
16 Ethyl ether	59		2.616					ND	
17 1,2-Dichloro-1,1,2-trifluoroetha	67		2.713					ND	
18 Acrolein	56		2.762					ND	
19 1,1-Dichloroethene	96		2.878					ND	
20 Acetone	58		2.914					ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.921					ND	
22 Iodomethane	142		3.061					ND	
23 Isopropyl alcohol	45		3.085					ND	
24 Carbon disulfide	76		3.134					ND	
25 Acetonitrile	41		3.171					ND	
26 Methyl acetate	43		3.256					ND	
28 3-Chloro-1-propene	41		3.268					ND	
29 Methylene Chloride	84		3.439					ND	
* 30 t-Butyl alcohol-d10 (IS)	65	3.445	3.439	0.006	54	363982	250.0	250.0	
31 2-Methyl-2-propanol	59		3.567					ND	
32 Acrylonitrile	53		3.713					ND	
33 trans-1,2-Dichloroethene	96		3.774					ND	
34 Methyl tert-butyl ether	73		3.780					ND	
35 Hexane	57		4.164					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Vinyl acetate	43		4.353					ND	
37 1,1-Dichloroethane	63		4.396					ND	
38 Isopropyl ether	45		4.463					ND	
40 2-Chloro-1,3-butadiene	53		4.512					ND	
41 Tert-butyl ethyl ether	59		5.036					ND	7
42 2-Butanone (MEK)	43		5.255					ND	7
43 cis-1,2-Dichloroethene	96		5.268					ND	
45 Ethyl acetate	43		5.280					ND	7
44 2,2-Dichloropropane	77		5.280					ND	7
46 Propionitrile	54		5.353					ND	
47 Methyl acrylate	55		5.359					ND	
48 Methacrylonitrile	67		5.566					ND	
49 Chlorobromomethane	128		5.609					ND	
50 Tetrahydrofuran	71		5.615					ND	
51 Chloroform	83		5.774					ND	
\$ 53 Dibromofluoromethane (Surr)	113	5.993	5.999	-0.006	93	309499	50.0	53.1	
52 1,1,1-Trichloroethane	97		6.005					ND	
54 Cyclohexane	56		6.091					ND	
S 55 1,2-Dichloroethene, Total	100		6.155					ND	7
56 Carbon tetrachloride	117		6.213					ND	
57 1,1-Dichloropropene	75		6.213					ND	
58 Isobutyl alcohol	41		6.432					ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.450	6.463	-0.013	49	68518	50.0	54.1	
60 Benzene	78		6.487					ND	
61 1,2-Dichloroethane	62		6.566					ND	
62 Isopropyl acetate	43		6.566					ND	
63 Tert-amyl methyl ether	73		6.700					ND	
* 64 Fluorobenzene (IS)	96	6.902	6.908	-0.006	99	1086982	50.0	50.0	
65 n-Heptane	43		6.938					ND	
66 n-Butanol	56		7.340					ND	
67 Trichloroethene	95		7.408					ND	
68 Ethyl acrylate	55		7.529					ND	
69 Methylcyclohexane	83		7.706					ND	
70 1,2-Dichloropropane	63		7.743					ND	
71 2-ethoxy-2-methyl butane	87		7.773					ND	
72 t-Amyl alcohol	73		7.804					ND	
73 1,4-Dioxane	88		7.840					ND	
74 Dibromomethane	93		7.859					ND	
75 Methyl methacrylate	69		7.865					ND	
76 n-Propyl acetate	61		7.907					ND	
77 Dichlorobromomethane	83		8.115					ND	
78 2-Nitropropane	41		8.401					ND	
80 2-Chloroethyl vinyl ether	63		8.505					ND	
81 cis-1,3-Dichloropropene	75		8.688					ND	
82 4-Methyl-2-pentanone (MIBK)	43		8.889					ND	
\$ 84 Toluene-d8 (Surr)	98	9.017	9.023	-0.006	94	956620	50.0	50.9	
86 Toluene	92		9.108					ND	
87 trans-1,3-Dichloropropene	75		9.419					ND	
88 Ethyl methacrylate	69		9.499					ND	
89 1,1,2-Trichloroethane	97		9.639					ND	
90 Tetrachloroethene	166		9.718					ND	
91 1,3-Dichloropropane	76		9.809					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
92 3,4-Dichloro-1-butene	75		9.883					ND	
93 2-Hexanone	43		9.889					ND	
100 n-Butyl acetate	43		9.998					ND	
102 Chlorodibromomethane	129		10.041					ND	
S 101 1,3-Dichloropropene, Total	100		10.060					ND	7
104 Ethylene Dibromide	107		10.151					ND	
* 112 Chlorobenzene-d5 (IS)	117	10.614	10.620	-0.006	86	710356	50.0	50.0	
114 Chlorobenzene	112		10.645					ND	
115 1-Chlorohexane	91		10.645					ND	U
133 1,1,1,2-Tetrachloroethane	131		10.736					ND	
134 Ethylbenzene	91		10.742					ND	
135 m-Xylene & p-Xylene	106		10.870					ND	
136 n-Butyl acrylate	55		11.169					ND	
138 o-Xylene	106		11.212					ND	
139 Styrene	104		11.230					ND	
S 137 Xylenes, Total	106		11.245					ND	7
141 Bromoform	173		11.382					ND	7
142 Isopropylbenzene	105		11.529					ND	
144 Cyclohexanone	55		11.590					ND	
143 cis-1,4-Dichloro-2-butene	88		11.638					ND	
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	95	334674	50.0	48.6	
147 Bromobenzene	156		11.791					ND	
148 1,1,2,2-Tetrachloroethane	83		11.791					ND	
149 trans-1,4-Dichloro-2-butene	53		11.815					ND	
150 1,2,3-Trichloropropane	110		11.833					ND	
151 N-Propylbenzene	91		11.870					ND	
152 2-Chlorotoluene	126		11.943					ND	
153 1,3,5-Trimethylbenzene	105		12.016					ND	
154 4-Chlorotoluene	126		12.041					ND	
155 2,3,4-Trichlorobutene	109		12.126					ND	
156 tert-Butylbenzene	134		12.260					ND	
157 Pentachloroethane	167		12.272					ND	
158 1,2,4-Trimethylbenzene	105		12.309					ND	
160 sec-Butylbenzene	105		12.431					ND	
161 1,3-Dichlorobenzene	146		12.528					ND	
162 4-Isopropyltoluene	119		12.547					ND	
140 Ethyl bromide	108	12.583	12.559	0.024	21	1640		0.0754	
* 165 1,4-Dichlorobenzene-d4	152	12.583	12.583	0.000	95	442397	50.0	50.0	
166 1,4-Dichlorobenzene	146		12.602					ND	
167 1,2,3-Trimethylbenzene	105		12.620					ND	
168 Benzyl chloride	91		12.687					ND	7
169 1,3-Diethylbenzene	119		12.754					ND	
170 p-Diethylbenzene	119		12.827					ND	
171 n-Butylbenzene	92		12.845					ND	
172 1,2-Dichlorobenzene	146		12.870					ND	
173 o-diethylbenzene	119		12.894					ND	
175 1,2-Dibromo-3-Chloropropane	75		13.419					ND	
176 Hexachloroethane	201		13.547					ND	
177 1,3,5-Trichlorobenzene	180		13.553					ND	7
178 1,2,4-Trichlorobenzene	180		13.979					ND	
179 2-Ethylhexyl acrylate	55		14.046					ND	
180 Hexachlorobutadiene	225		14.065					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
181 Naphthalene	128		14.162					ND	7
182 1,2,3-Trichlorobenzene	180		14.309					ND	
183 2-Methylnaphthalene	142		14.900					ND	7
184 C4-C10	1		0.000					ND	
193 tert-Butyl Formate	1		0.000					ND	
194 C5-C12	1		0.000					ND	
195 2,2-Dimethylpropane TIC	1		0.000					ND	
185 Isobutyl acetate	43		0.000					ND	
186 2,3-Dichloro-1,3-butadiene	1		0.000					ND	
187 4-Ethyltoluene	1		0.000					ND	
S 188 Total Diethylbenzene	1		0.000					ND	7
189 1,1-Dichloro-1-fluoroethane	1		0.000					ND	
190 Propene oxide	1		0.000					ND	
191 C4-C12	1		0.000					ND	
192 C6-C12	1		0.000					ND	
196 2-Methylhexane TIC	1		0.000					ND	
205 Cyclopentane TIC	1		0.000					ND	
206 3-Methylhexane TIC	1		0.000					ND	
207 2-ethoxy-2-methyl butane TIC	1		0.000					ND	
197 1-Bromo-2-chloroethane	1		0.000					ND	
198 n-Decane	57		0.000					ND	
199 1,3-Divinylbenzene	1		0.000					ND	
S 200 Total BTEX	1		0.000					ND	
201 1-Chlorobutane	1		0.000					ND	
202 1,1,2,2-Tetrachloro-1,2-difluoro1			0.000					ND	
203 Butane	1		0.000					ND	
204 1,4-Divinylbenzene	1		0.000					ND	
208 Diethoxymethane	1		0.000					ND	
209 3-Methyl-1-butene	1		0.000					ND	
210 sec-Butyl Alcohol	45		0.000					ND	
219 Undecane	1		0.000					ND	
220 n-Octane	1		0.000					ND	
221 C7-C12	1		0.000					ND	
211 Dimethylformamide TIC	1		0.000					ND	
212 3-Pentanone TIC	1		0.000					ND	
213 Gasoline (Unleaded)	1		0.000					ND	
214 Propanol	1		0.000					ND	
215 Methylal	1		0.000					ND	
216 Dodecane	57		0.000					ND	
217 3-chloro-1-Butene	1		0.000					ND	
218 Chloroacetonitrile	1		0.000					ND	
222 1-Methylnaphthalene	142		0.000					ND	
231 Methylcyclopentane TIC	1		0.000					ND	
232 2-Butoxyethyl acetate	1		0.000					ND	
233 C6-C10	1		0.000					ND	
S 223 divinyl benzene	1		0.000					ND	7
224 1-Methylnaphthalene (TIC)	1		0.000					ND	
225 3-Methylpentane TIC	1		0.000					ND	
226 n-Nonane	1		0.000					ND	
227 Decamethylcyclopentasiloxane TIC			0.000					ND	
\$ 228 trans-1,2,3-Trichlorobutene-2 TIC			0.000					ND	
229 2,3-Dimethylbutane TIC	1		0.000					ND	

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X07.D

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
230 2,2-Dimethylbutane TIC	1		0.000						ND
234 sec-Butyl Alcohol TIC	1		0.000						ND
235 cis-1,2,3-Trichlorobutene-2	1		0.000						ND

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00043

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 13-Oct-2025 13:31:46

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X07.D

Injection Date: 13-Oct-2025 11:23:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

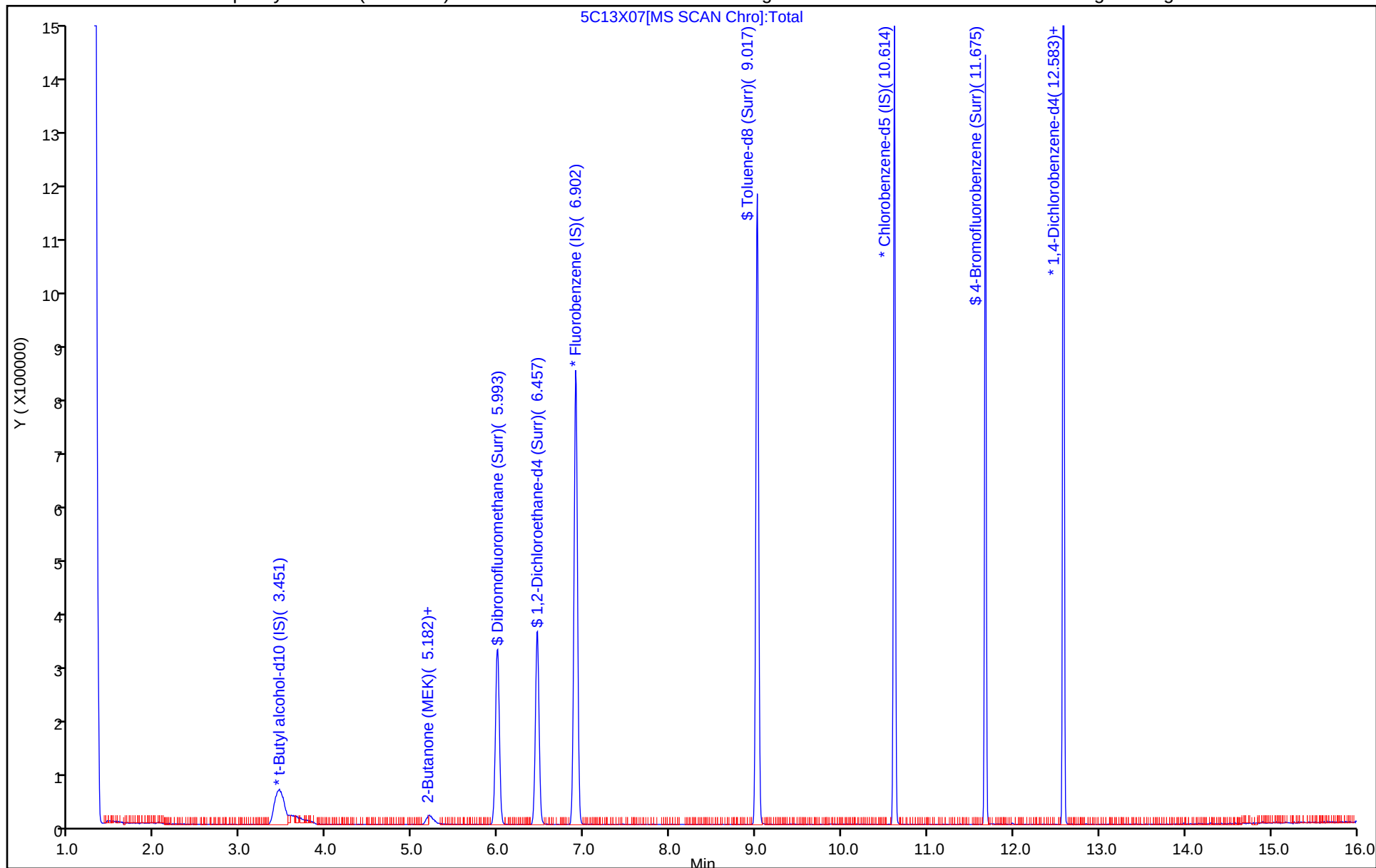
ALS Bottle#: 7

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X07.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 13-Oct-2025 11:23:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162928-008
Operator ID: knk41612 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 13-Oct-2025 13:31:01 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: DVW2

Date: 13-Oct-2025 13:30:39

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	53.1	106.15
\$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	54.1	108.12
\$ 84 Toluene-d8 (Surr)	50.0	50.9	101.83
\$ 145 4-Bromofluorobenzene (Surr)	50.0	48.6	97.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-713392/7

Matrix: Water

Lab File ID: YC13X56.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/14/2025 00:39

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 713392

Units: ug/L

Preparation Batch No.:

Instrument ID: 9355

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-713392/7

Matrix: Water

Lab File ID: YC13X56.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/14/2025 00:39

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 713392

Units: ug/L

Preparation Batch No.:

Instrument ID: 9355

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		80-120
460-00-4	4-Bromofluorobenzene (Surr)	90		80-120
1868-53-7	Dibromofluoromethane (Surr)	109		80-120
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X56.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 14-Oct-2025 00:39:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0163047-007
 Operator ID: KEL87800 Instrument ID: 9355
 Method: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\MSVoa_9355.m
 Limit Group: MSV - 8260C_D
 Last Update: 14-Oct-2025 13:13:10 Calib Date: 27-Jun-2025 19:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1651

First Level Reviewer: S8BP

Date: 14-Oct-2025 01:03:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116		1.781					ND	
4 Chlorodifluoromethane	51		1.816					ND	
5 Dichlorodifluoromethane	85		1.816					ND	
6 Chloromethane	50		1.995					ND	
8 Butadiene	39		2.088					ND	7
7 Vinyl chloride	62		2.095					ND	
9 2-Chloro-1,1,1-Trifluoroethane	118		2.152					ND	
10 Bromomethane	94		2.410					ND	
11 Chloroethane	64		2.460					ND	
12 Dichlorofluoromethane	67		2.696					ND	
13 Pentane	43		2.753					ND	7
14 Trichlorofluoromethane	101		2.753					ND	
15 Ethanol	45		2.796					ND	
16 Ethyl ether	59		2.931					ND	
17 1,2-Dichloro-1,1,2-trifluoroetha	67		3.010					ND	
18 Acrolein	56		3.082					ND	
19 1,1-Dichloroethene	96		3.225					ND	
20 Acetone	58		3.232					ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		3.268					ND	
22 Isopropyl alcohol	45		3.382					ND	
23 Iodomethane	142		3.432					ND	
25 Acetonitrile	41		3.554					ND	
24 Carbon disulfide	76		3.568					ND	7
26 Methyl acetate	43		3.618					ND	
27 3-Chloro-1-propene	41		3.647					ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.804	3.811	-0.007	33	511704	250.0	250.0	
29 Methylene Chloride	84		3.818					ND	
30 2-Methyl-2-propanol	59		3.919					ND	
31 Acrylonitrile	53		4.097					ND	
32 Methyl tert-butyl ether	73		4.183					ND	
33 trans-1,2-Dichloroethene	96		4.205					ND	
35 Hexane	57		4.634					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
37 1,1-Dichloroethane	63		4.855					ND	
36 Vinyl acetate	43		4.862					ND	
38 Isopropyl ether	45		4.920					ND	
39 2-Chloro-1,3-butadiene	53		4.970					ND	
41 Tert-butyl ethyl ether	59		5.470					ND	
42 2-Butanone (MEK)	43		5.670					ND	
43 cis-1,2-Dichloroethene	96		5.706					ND	
44 2,2-Dichloropropane	77		5.728					ND	
45 Propionitrile	54		5.742					ND	
46 Ethyl acetate	43		5.756					ND	
47 Methyl acrylate	55		5.813					ND	
48 Methacrylonitrile	67		5.971					ND	
50 Chlorobromomethane	128		6.042					ND	
51 Tetrahydrofuran	71		6.064					ND	
S 49 1,2-Dichloroethene, Total	100		6.155					ND	7
53 Chloroform	83		6.199					ND	
\$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	93	317559	50.0	54.7	
55 1,1,1-Trichloroethane	97		6.435					ND	
56 Cyclohexane	56		6.557					ND	
57 1,1-Dichloropropene	75		6.657					ND	
58 Carbon tetrachloride	117		6.664					ND	
59 Isobutyl alcohol	41		6.793					ND	
\$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.886	6.886	0.000	100	75429	50.0	51.1	
61 Benzene	78		6.922					ND	
62 1,2-Dichloroethane	62		6.993					ND	
63 Isopropyl acetate	43		7.007					ND	
64 Tert-amyl methyl ether	73		7.122					ND	
* 65 Fluorobenzene (IS)	96	7.329	7.336	-0.007	100	1222164	50.0	50.0	
66 n-Heptane	43		7.358					ND	7
67 n-Butanol	56		7.715					ND	
69 Trichloroethene	95		7.830					ND	
68 t-Amyl alcohol	73		7.837					ND	
70 Ethyl acrylate	55		8.151					ND	
71 Methylcyclohexane	83		8.151					ND	
72 1,2-Dichloropropane	63		8.159					ND	
73 2-ethoxy-2-methyl butane	87		8.180					ND	
74 Methyl methacrylate	69		8.252					ND	
75 1,4-Dioxane	88		8.259					ND	
76 Dibromomethane	93		8.273					ND	
77 n-Propyl acetate	61		8.337					ND	
78 Dichlorobromomethane	83		8.516					ND	
79 2-Nitropropane	41		8.759					ND	
80 2-Chloroethyl vinyl ether	63		8.888					ND	
81 cis-1,3-Dichloropropene	75		9.081					ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.253					ND	
\$ 83 Toluene-d8 (Surr)	98	9.410	9.410	0.000	93	1127671	50.0	46.8	
95 Toluene	92		9.496					ND	
96 trans-1,3-Dichloropropene	75		9.767					ND	
97 Ethyl methacrylate	69		9.839					ND	
113 1,1,2-Trichloroethane	97		9.982					ND	
S 112 1,3-Dichloropropene, Total	100		10.060					ND	7
114 Tetrachloroethene	166		10.075					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
115 1,3-Dichloropropane	76		10.146					ND	
116 3,4-Dichloro-1-butene	75		10.189					ND	
117 2-Hexanone	43		10.196					ND	
118 n-Butyl acetate	43		10.339					ND	
119 Chlorodibromomethane	129		10.375					ND	
120 Ethylene Dibromide	107		10.490					ND	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	83	893690	50.0	50.0	
122 1-Chlorohexane	91		10.947					ND	U
132 Chlorobenzene	112		10.962					ND	
134 1,1,1,2-Tetrachloroethane	131		11.047					ND	
135 Ethylbenzene	91		11.054					ND	
137 m-Xylene & p-Xylene	106		11.169					ND	
S 136 Xylenes, Total	106		11.245					ND	7
138 n-Butyl acrylate	55		11.462					ND	
139 o-Xylene	106		11.505					ND	
140 Styrene	104		11.526					ND	
141 Bromoform	173		11.684					ND	7
142 Isopropylbenzene	105		11.812					ND	7
143 cis-1,4-Dichloro-2-butene	88		11.855					ND	
144 Cyclohexanone	55		11.884					ND	7
\$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.963	-0.001	93	416167	50.0	45.2	
147 1,1,2,2-Tetrachloroethane	83		12.063					ND	
149 Bromobenzene	156		12.077					ND	
148 trans-1,4-Dichloro-2-butene	53		12.084					ND	
150 1,2,3-Trichloropropane	110		12.106					ND	
151 N-Propylbenzene	91		12.148					ND	
152 2-Chlorotoluene	126		12.227					ND	
153 1,3,5-Trimethylbenzene	105		12.291					ND	
154 4-Chlorotoluene	126		12.320					ND	
155 2,3,4-Trichlorobutene	109		12.334					ND	
156 tert-Butylbenzene	134		12.535					ND	
157 Pentachloroethane	167		12.563					ND	
158 1,2,4-Trimethylbenzene	105		12.577					ND	
159 sec-Butylbenzene	105		12.699					ND	7
160 1,3-Dichlorobenzene	146		12.799					ND	7
161 4-Isopropyltoluene	119		12.806					ND	7
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	94	599350	50.0	50.0	
163 1,4-Dichlorobenzene	146		12.871					ND	7
167 1,2,3-Trimethylbenzene	105		12.885					ND	
168 Benzyl chloride	91		12.949					ND	
169 1,3-Diethylbenzene	119		13.014					ND	7
170 p-Diethylbenzene	119		13.085					ND	7
171 n-Butylbenzene	92		13.107					ND	
172 1,2-Dichlorobenzene	146		13.128					ND	
173 o-diethylbenzene	119		13.157					ND	7
174 Hexachloroethane	201		13.560					ND	
176 1,2-Dibromo-3-Chloropropane	75		13.679					ND	
175 2-Butoxyethyl acetate	43		13.750					ND	
177 1,3,5-Trichlorobenzene	180		13.814					ND	7
178 1,2,4-Trichlorobenzene	180		14.236					ND	7
179 2-Ethylhexyl acrylate	55		14.293					ND	
180 Hexachlorobutadiene	225		14.322					ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
181 Naphthalene	128		14.415					ND	7
182 1,2,3-Trichlorobenzene	180		14.558					ND	7
183 2-Methylnaphthalene	142		15.166					ND	7
184 C4-C10	1		0.000					ND	
192 1,1,2,2-Tetrachloro-1,2-difluoro	1		0.000					ND	
193 Isobutyl acetate	43		0.000					ND	
194 1,4-Divinylbenzene	1		0.000					ND	
195 3-Methylhexane TIC	1		0.000					ND	
236 2-ethoxy-2-methyl butane TIC	1		0.000					ND	
225 2,3-Dimethylbutane TIC	1		0.000					ND	
226 2,2-Dimethylbutane TIC	1		0.000					ND	
228 Decamethylcyclopentasiloxane TIC	1		0.000					ND	
189 1,1,2-Trichloro-1,2,2-trifluoro	1		0.000					ND	
229 Dimethyl Sulfide TIC	1		0.000					ND	
230 2,2-Dimethylpropane TIC	1		0.000					ND	
224 1,1,1,2-Tetrafluoroethane TIC	1		0.000					ND	
204 C6-C10	1		0.000					ND	
205 n-Octane	1		0.000					ND	
206 Undecane	1		0.000					ND	
207 C4-C12	1		0.000					ND	
208 2,3-Dichloro-1,3-butadiene	1		0.000					ND	
185 Propene oxide	1		0.000					ND	
186 1,3-Divinylbenzene	1		0.000					ND	
187 Propanol	1		0.000					ND	
188 3-chloro-1-Butene TIC	1		0.000					ND	
237 Chlorotrifluoromethane TIC	1		0.000					ND	
190 1,1-Dichloro-1-fluoroethane	1		0.000					ND	
191 Diethoxymethane	1		0.000					ND	
211 1-Chlorobutane	1		0.000					ND	
S 210 Total BTEX	1		0.000					ND	
209 1-Bromo-2-chloroethane	1		0.000					ND	
219 4-Ethyltoluene	1		0.000					ND	
220 Gasoline (Unleaded)	1		0.000					ND	
221 1-Methylnaphthalene	142		0.000					ND	
\$ 222 trans-1,2,3-Trichlorobutene-2	1		0.000					ND	
223 Chloroacetonitrile	1		0.000					ND	
197 C6-C12	1		0.000					ND	
S 198 divinyl benzene	1		0.000					ND	7
199 3-Methyl-1-butene	1		0.000					ND	
200 trans-1,2,3-Trichlorobutene-2	1		0.000					ND	
201 cis-1,2,3-Trichlorobutene-2	1		0.000					ND	
202 3-chloro-1-Butene	1		0.000					ND	
203 C5-C12	1		0.000					ND	
196 tert-Butyl Formate	1		0.000					ND	
232 1-Methylnaphthalene (TIC)	1		0.000					ND	
233 3-Methylpentane TIC	1		0.000					ND	
234 Cyclopentane TIC	1		0.000					ND	
S 235 Total Diethylbenzene	1		0.000					ND	7
212 Dodecane	57		0.000					ND	
213 sec-Butyl Alcohol	45		0.000					ND	
214 Butane	1		0.000					ND	
215 n-Decane	57		0.000					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
216 Ethyl bromide	1		0.000					ND	
217 Methylal	1		0.000					ND	
218 n-Nonane	1		0.000					ND	
231 2-Methylhexane TIC	1		0.000					ND	
290 C7-C12	1		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_HP20_ISSS_00169

Amount Added: 1.00

Units: uL

Run Reagent

Report Date: 14-Oct-2025 13:13:22

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X56.D

Injection Date: 14-Oct-2025 00:39:30

Instrument ID: 9355

Operator ID: KEL87800

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

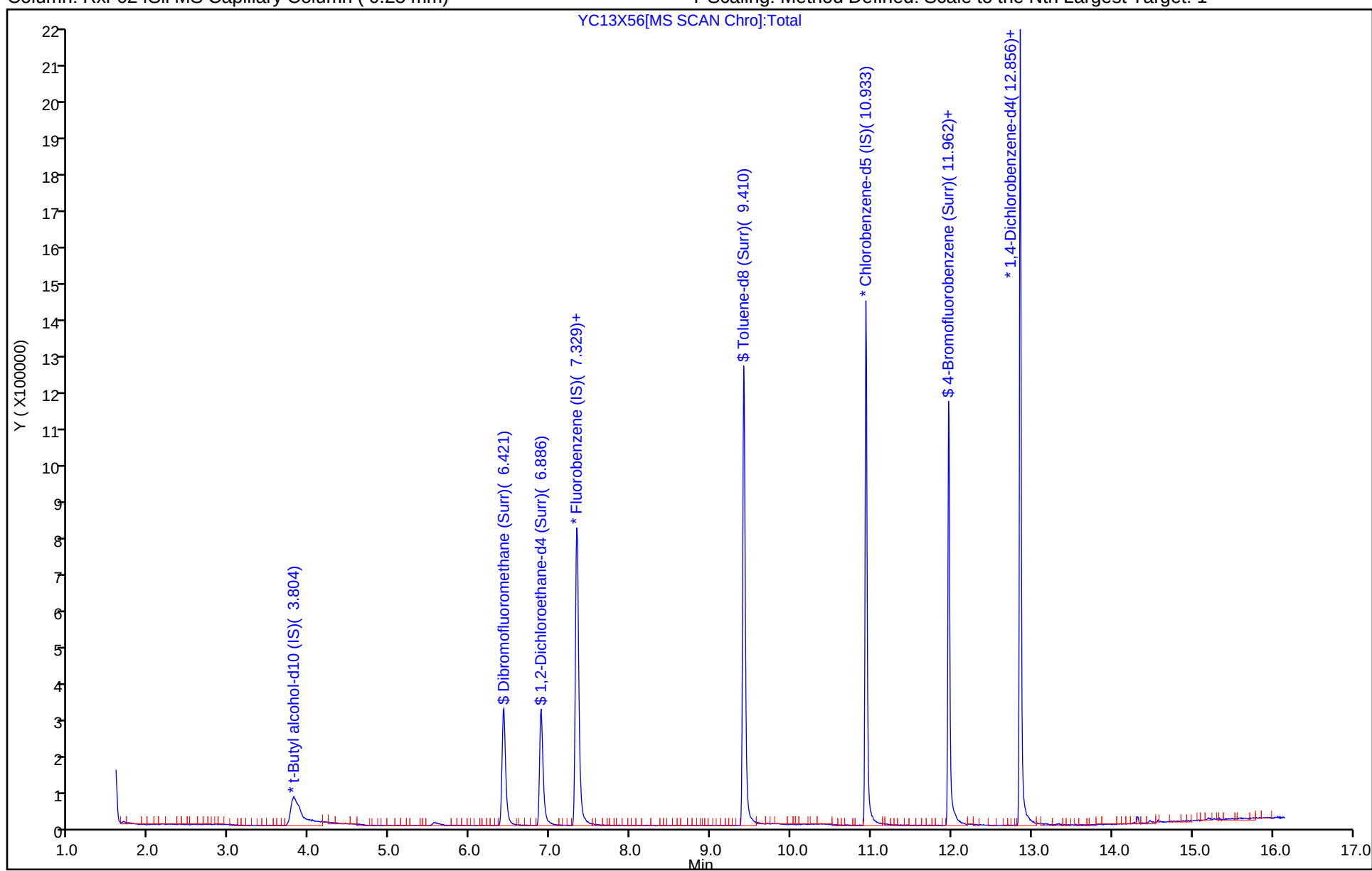
ALS Bottle#: 6

Method: MSVoa_9355

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X56.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Oct-2025 00:39:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163047-007
Operator ID: KEL87800 Instrument ID: 9355
Method: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 14-Oct-2025 13:13:10 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1651

First Level Reviewer: S8BP

Date: 14-Oct-2025 01:03:26

Compound	Amount Added	Amount Recovered	% Rec.
\$ 54 Dibromofluoromethane (Surr)	50.0	54.7	109.37
\$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	51.1	102.24
\$ 83 Toluene-d8 (Surr)	50.0	46.8	93.60
\$ 145 4-Bromofluorobenzene (Surr)	50.0	45.2	90.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-711952/5

Matrix: Water

Lab File ID: NC10X04.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/10/2025 10:42

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711952

Units: ug/L

Preparation Batch No.:

Instrument ID: 7159

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	19.3		1.0	0.30
71-55-6	1,1,1-Trichloroethane	16.9		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	25.0		1.0	0.30
79-00-5	1,1,2-Trichloroethane	20.2		1.0	0.30
75-34-3	1,1-Dichloroethane	20.6		1.0	0.30
75-35-4	1,1-Dichloroethene	18.9		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	18.6		1.0	0.20
107-06-2	1,2-Dichloroethane	17.2		1.0	0.30
78-87-5	1,2-Dichloropropane	20.8		1.0	0.30
78-93-3	2-Butanone (MEK)	248		10	1.0
591-78-6	2-Hexanone	277		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	245		10	0.50
67-64-1	Acetone	237		20	0.70
71-43-2	Benzene	19.8		1.0	0.30
74-97-5	Bromochloromethane	16.8		5.0	0.20
75-27-4	Bromodichloromethane	17.7		1.0	0.20
75-25-2	Bromoform	16.0		4.0	1.0
74-83-9	Bromomethane	18.9		1.0	0.30
75-15-0	Carbon disulfide	19.6		5.0	0.30
56-23-5	Carbon tetrachloride	15.7		1.0	0.30
108-90-7	Chlorobenzene	19.0		1.0	0.30
75-00-3	Chloroethane	21.8		1.0	0.30
67-66-3	Chloroform	17.6		1.0	0.30
74-87-3	Chloromethane	20.7		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	18.8		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	17.5		1.0	0.20
124-48-1	Dibromochloromethane	17.3		1.0	0.20
100-41-4	Ethylbenzene	20.7		1.0	0.40
1634-04-4	Methyl tert-butyl ether	18.1		1.0	0.20
75-09-2	Methylene Chloride	20.2		1.0	0.30
100-42-5	Styrene	19.2		5.0	0.30
127-18-4	Tetrachloroethene	16.0		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-711952/5

Matrix: Water

Lab File ID: NC10X04.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/10/2025 10:42

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711952

Units: ug/L

Preparation Batch No.:

Instrument ID: 7159

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	20.7		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	17.9		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	20.3		1.0	0.20
79-01-6	Trichloroethene	17.0		1.0	0.30
75-01-4	Vinyl chloride	20.8		1.0	0.30
1330-20-7	Xylenes, Total	60.2		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		80-120
460-00-4	4-Bromofluorobenzene (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	92		80-120
2037-26-5	Toluene-d8 (Surr)	110		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X04.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 10-Oct-2025 10:42:53 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162698-005
 Operator ID: CLM27445 Instrument ID: 7159
 Method: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 12:40:11 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1630

First Level Reviewer: TQ4J

Date: 10-Oct-2025 12:33:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	2.032	2.032	0.000	99	279013	20.0	13.0	
4 Chloromethane	50	2.231	2.231	0.000	99	319691	20.0	20.7	
5 Butadiene	39	2.353	2.347	0.006	90	216351	20.0	21.7	
6 Vinyl chloride	62	2.363	2.363	0.000	98	325076	20.0	20.8	
8 Bromomethane	94	2.707	2.697	0.010	91	229713	20.0	18.9	
9 Chloroethane	64	2.813	2.807	0.006	99	156475	20.0	21.8	
10 Dichlorofluoromethane	67	3.067	3.070	-0.003	96	422534	20.0	20.7	
11 Trichlorofluoromethane	101	3.125	3.122	0.003	95	259875	20.0	12.5	
12 Pentane	43	3.180	3.180	0.000	97	179237	20.0	18.6	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.514	3.508	0.006	91	199907	20.0	21.4	
16 Acrolein	56	3.610	3.607	0.003	100	258917	146.3	140.4	
17 1,1-Dichloroethene	96	3.745	3.746	-0.001	95	135853	20.0	18.9	M
19 Acetone	58	3.794	3.791	0.003	100	220750	250.0	236.7	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.794	3.794	0.000	84	175596	20.0	16.9	
20 Iodomethane	142	3.961	3.951	0.010	98	246685	20.0	14.4	
21 Isopropyl alcohol	45	3.967	3.977	-0.010	27	119019	150.0	101.7	M
22 Carbon disulfide	76	4.064	4.058	0.006	99	470113	20.0	19.6	
24 Methyl acetate	43	4.257	4.260	-0.003	92	100452	20.0	18.6	M
25 3-Chloro-1-propene	41	4.282	4.273	0.009	92	177304	20.0	21.2	a
26 Methylene Chloride	84	4.475	4.482	-0.007	87	158118	20.0	20.2	Ma
* 27 t-Butyl alcohol-d10 (IS)	65	4.527	4.537	-0.010	93	404930	250.0	250.0	
28 2-Methyl-2-propanol	59	4.642	4.636	0.006	98	309552	200.0	181.0	
29 Acrylonitrile	53	4.851	4.849	0.002	100	312479	100.0	103.3	
32 Methyl tert-butyl ether	73	4.906	4.903	0.003	91	444425	20.0	18.1	
31 trans-1,2-Dichloroethene	96	4.913	4.906	0.007	98	143033	20.0	17.9	
33 Hexane	57	5.347	5.341	0.007	91	182301	20.0	20.2	
35 1,1-Dichloroethane	63	5.588	5.582	0.006	96	248918	20.0	20.6	
36 Isopropyl ether	45	5.649	5.646	0.003	96	414444	20.0	21.2	
37 2-Chloro-1,3-butadiene	53	5.697	5.691	0.006	89	178593	20.0	17.6	a
39 Tert-butyl ethyl ether	59	6.189	6.176	0.013	97	413482	20.0	19.0	M
40 2-Butanone (MEK)	43	6.395	6.389	0.006	99	963184	250.0	248.2	
41 cis-1,2-Dichloroethene	96	6.421	6.418	0.003	79	172309	20.0	18.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
43 2,2-Dichloropropane	77	6.440	6.434	0.006	81	258642	20.0	19.1	a
44 Propionitrile	54	6.495	6.488	0.007	99	217255	150.0	147.0	
46 Methacrylonitrile	67	6.707	6.697	0.010	87	503050	150.0	152.6	a
47 Chlorobromomethane	128	6.755	6.749	0.006	88	84407	20.0	16.8	
48 Tetrahydrofuran	71	6.755	6.758	-0.003	76	123430	100.0	90.0	
49 Chloroform	83	6.900	6.897	0.003	92	264265	20.0	17.6	
\$ 50 Dibromofluoromethane (Surr)	113	7.118	7.106	0.012	93	338113	50.0	45.8	
51 1,1,1-Trichloroethane	97	7.131	7.119	0.012	97	260208	20.0	16.9	
52 Cyclohexane	56	7.218	7.215	0.003	88	264236	20.0	20.2	
53 Carbon tetrachloride	117	7.331	7.328	0.003	94	225464	20.0	15.7	
54 1,1-Dichloropropene	75	7.334	7.328	0.006	97	186407	20.0	18.7	
55 Isobutyl alcohol	41	7.491	7.488	0.003	94	209723	500.0	444.1	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.575	7.569	0.006	99	82726	50.0	49.7	
57 Benzene	78	7.601	7.594	0.007	96	586091	20.0	19.8	M
59 1,2-Dichloroethane	62	7.675	7.665	0.010	98	165219	20.0	17.2	
60 Tert-amyl methyl ether	73	7.784	7.781	0.003	99	418569	20.0	19.1	
* 62 Fluorobenzene (IS)	96	7.999	7.993	0.006	98	1299795	50.0	50.0	
63 n-Heptane	43	8.006	8.000	0.006	63	162386	20.0	21.4	
64 n-Butanol	56	8.353	8.350	0.003	86	337033	1000.0	933.8	
65 Trichloroethene	95	8.466	8.459	0.007	98	148165	20.0	17.0	a
67 Methylcyclohexane	83	8.768	8.768	0.000	88	283415	20.0	18.0	
69 1,2-Dichloropropane	63	8.800	8.797	0.003	68	145099	20.0	20.8	M
68 2-ethoxy-2-methyl butane	87	8.800	8.797	0.003	93	215411	20.0	18.2	
70 Methyl methacrylate	69	8.880	8.874	0.006	85	97634	20.0	18.0	
71 1,4-Dioxane	88	8.887	8.877	0.010	49	51530	500.0	412.9	
72 Dibromomethane	93	8.906	8.903	0.003	97	92225	20.0	17.8	
74 Dichlorobromomethane	83	9.134	9.135	-0.001	99	182356	20.0	17.7	
75 2-Nitropropane	41	9.408	9.405	0.003	98	36610	20.0	15.5	
76 2-Chloroethyl vinyl ether	63	9.478	9.479	-0.001	91	79163	20.0	17.8	M
77 cis-1,3-Dichloropropene	75	9.658	9.656	0.002	97	193030	20.0	17.5	
78 4-Methyl-2-pentanone (MIBK)	43	9.829	9.823	0.006	95	2136640	250.0	245.0	
\$ 79 Toluene-d8 (Surr)	98	9.951	9.951	0.000	93	1200329	50.0	54.8	
118 Toluene	92	10.025	10.022	0.003	98	350865	20.0	20.7	
120 trans-1,3-Dichloropropene	75	10.269	10.266	0.003	90	173020	20.0	20.3	
121 Ethyl methacrylate	69	10.324	10.321	0.003	87	170159	20.0	21.1	
122 1,1,2-Trichloroethane	97	10.465	10.463	0.002	89	120383	20.0	20.2	
123 Tetrachloroethene	166	10.546	10.543	0.003	97	151781	20.0	16.0	
124 1,3-Dichloropropane	76	10.623	10.620	0.003	88	188394	20.0	21.1	
126 2-Hexanone	43	10.671	10.668	0.003	95	1388369	250.0	276.8	
128 Chlorodibromomethane	129	10.829	10.826	0.003	89	134018	20.0	17.3	
129 Ethylene Dibromide	107	10.938	10.935	0.003	99	119164	20.0	18.6	
* 131 Chlorobenzene-d5 (IS)	117	11.356	11.353	0.003	85	891012	50.0	50.0	
132 1-Chlorohexane	91	11.359	11.356	0.003	93	197101	20.0	20.5	
133 Chlorobenzene	112	11.382	11.379	0.003	96	380077	20.0	19.0	
134 1,1,1,2-Tetrachloroethane	131	11.459	11.459	0.000	94	171517	20.0	19.3	
135 Ethylbenzene	91	11.462	11.463	-0.001	98	694762	20.0	20.7	
136 m-Xylene & p-Xylene	106	11.575	11.572	0.003	100	536418	40.0	40.3	
138 o-Xylene	106	11.896	11.897	-0.001	96	276635	20.0	19.9	
139 Styrene	104	11.912	11.909	0.003	94	406066	20.0	19.2	
140 Bromoform	173	12.067	12.064	0.003	95	92767	20.0	16.0	
141 Isopropylbenzene	105	12.189	12.189	0.000	95	799574	20.0	20.8	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.327	12.331	-0.004	89	422794	50.0	51.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
145 1,1,2,2-Tetrachloroethane	83	12.427	12.427	0.000	93	212633	20.0	25.0	
146 Bromobenzene	156	12.449	12.446	0.003	95	158877	20.0	17.8	
147 trans-1,4-Dichloro-2-butene	53	12.456	12.453	0.003	92	243873	100.0	114.6	
148 1,2,3-Trichloropropane	110	12.475	12.479	-0.004	72	60815	20.0	20.9	a
149 N-Propylbenzene	91	12.510	12.511	-0.001	99	931207	20.0	24.9	
150 2-Chlorotoluene	126	12.588	12.588	0.000	97	176945	20.0	20.7	
151 1,3,5-Trimethylbenzene	105	12.642	12.643	-0.001	94	668018	20.0	22.6	
152 4-Chlorotoluene	126	12.681	12.678	0.003	97	165374	20.0	20.2	
154 tert-Butylbenzene	134	12.880	12.881	0.000	93	132080	20.0	20.2	
155 1,2,4-Trimethylbenzene	105	12.922	12.922	0.000	97	667832	20.0	22.2	
157 sec-Butylbenzene	105	13.044	13.041	0.003	94	888528	20.0	23.8	
158 1,3-Dichlorobenzene	146	13.141	13.141	0.000	98	332044	20.0	19.8	
159 4-Isopropyltoluene	119	13.147	13.147	0.000	97	720150	20.0	21.4	
* 160 1,4-Dichlorobenzene-d4	152	13.199	13.196	0.003	94	484393	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.215	13.215	0.000	96	327506	20.0	19.6	
162 1,2,3-Trimethylbenzene	105	13.224	13.225	-0.001	99	718233	20.0	23.5	
163 Benzyl chloride	91	13.292	13.292	0.000	98	414557	20.0	27.4	
164 1,3-Diethylbenzene	119	13.343	13.344	-0.001	95	424698	20.0	23.0	
165 p-Diethylbenzene	119	13.417	13.414	0.003	93	440673	20.0	22.8	
166 n-Butylbenzene	92	13.436	13.434	0.002	97	371370	20.0	25.8	
167 1,2-Dichlorobenzene	146	13.475	13.472	0.003	98	332901	20.0	20.0	
168 o-diethylbenzene	119	13.488	13.488	0.000	96	364068	20.0	22.0	
170 1,2-Dibromo-3-Chloropropane	75	14.012	14.009	0.003	87	49075	20.0	21.4	
171 1,3,5-Trichlorobenzene	180	14.131	14.131	0.000	97	249665	20.0	18.2	
172 1,2,4-Trichlorobenzene	180	14.555	14.552	0.003	92	234877	20.0	18.4	
174 Hexachlorobutadiene	225	14.636	14.633	0.003	98	82456	20.0	15.6	
175 Naphthalene	128	14.739	14.736	0.003	97	796233	20.0	21.0	
176 1,2,3-Trichlorobenzene	180	14.883	14.880	0.003	96	237811	20.0	18.2	
177 2-Methylnaphthalene	142	15.526	15.524	0.002	92	463971	20.0	20.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LCS_ACROL_00248

Amount Added: 50.00

Units: uL

MSV_LCS_Gases_00271

Amount Added: 50.00

Units: uL

MSV_LCS_2CEVE_00251

Amount Added: 50.00

Units: uL

MSV_LCS_VOC#1_00243

Amount Added: 50.00

Units: uL

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 10-Oct-2025 12:40:20

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X04.D

Injection Date: 10-Oct-2025 10:42:53

Instrument ID: 7159

Operator ID: CLM27445

Lims ID: LCS

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

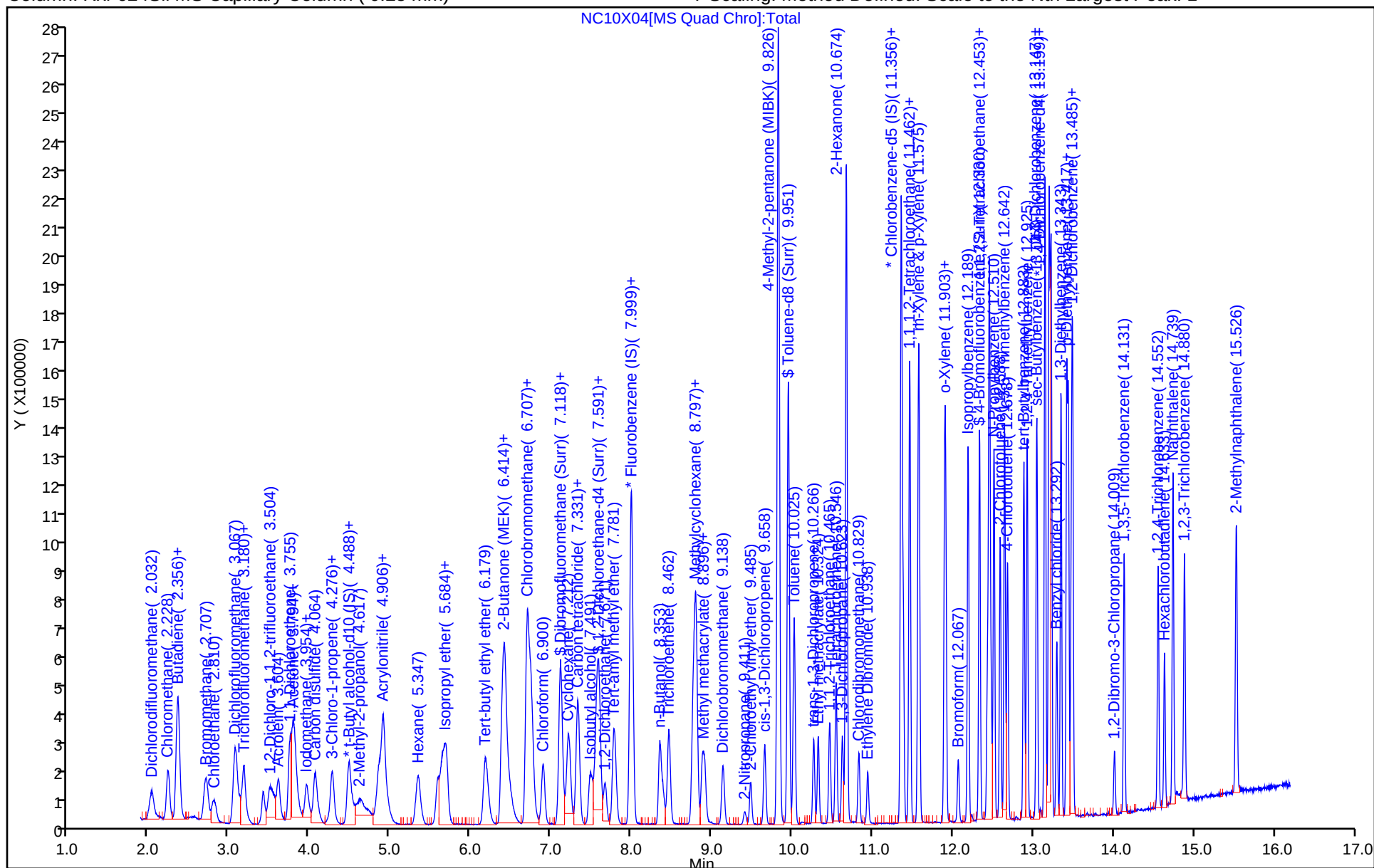
ALS Bottle#: 4

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X04.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Oct-2025 10:42:53 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162698-005
Operator ID: CLM27445 Instrument ID: 7159
Method: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\MSVoa_7159.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 12:40:11 Calib Date: 22-Sep-2025 22:59:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1630

First Level Reviewer: TQ4J

Date: 10-Oct-2025 12:33:02

Compound	Amount Added	Amount Recovered	% Rec.
\$ 50 Dibromofluoromethane (Surr)	50.0	45.8	91.52
\$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	49.7	99.36
\$ 79 Toluene-d8 (Surr)	50.0	54.8	109.68
\$ 144 4-Bromofluorobenzene (Surr)	50.0	51.2	102.31

Eurofins Lancaster Laboratories Environment Testing, LLC

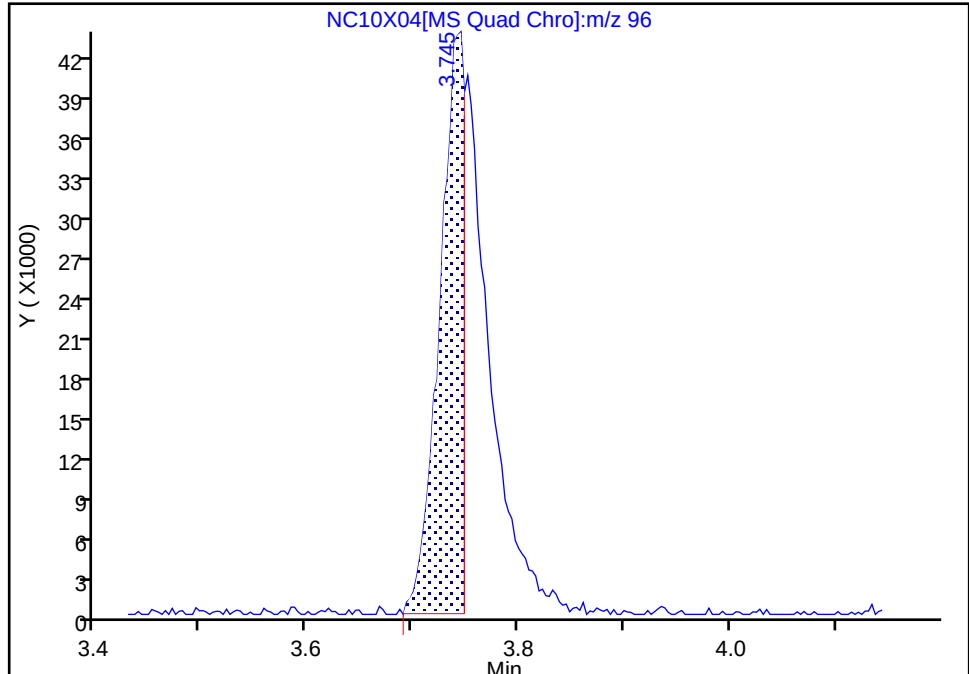
Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X04.D
Injection Date: 10-Oct-2025 10:42:53 Instrument ID: 7159
Lims ID: LCS
Client ID:
Operator ID: CLM27445 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

17 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

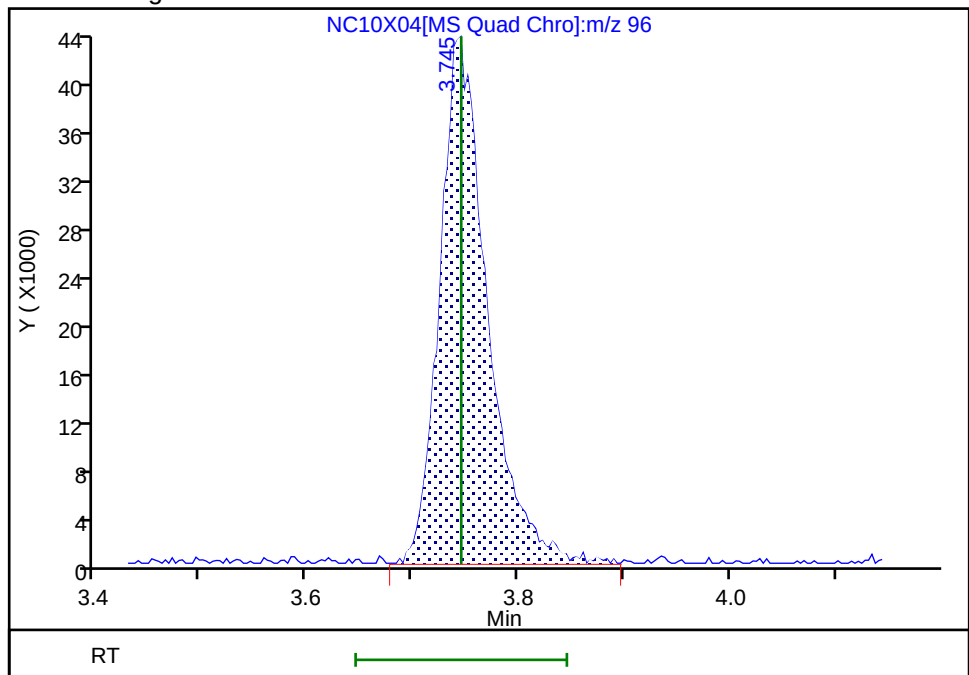
RT: 3.75
Area: 70595
Amount: 9.837384
Amount Units: ug/l

Processing Integration Results



RT: 3.75
Area: 135853
Amount: 18.931059
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 10-Oct-2025 12:18:25 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

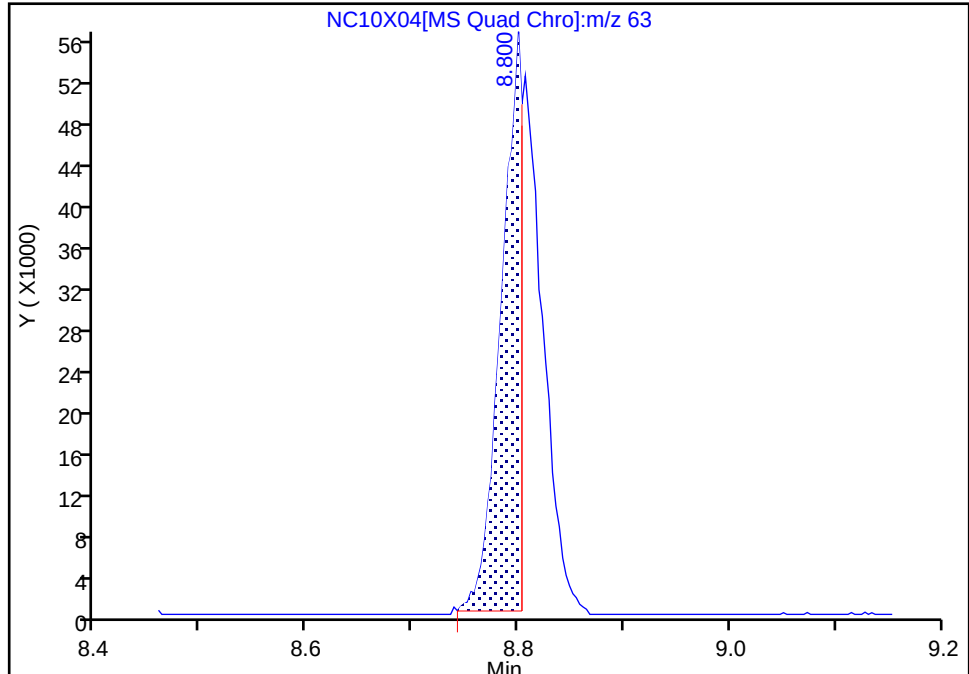
Data File: \\chromfs\Lancaster\ChromData\7159\20251010-162698.b\NC10X04.D
Injection Date: 10-Oct-2025 10:42:53 Instrument ID: 7159
Lims ID: LCS
Client ID:
Operator ID: CLM27445 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

69 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

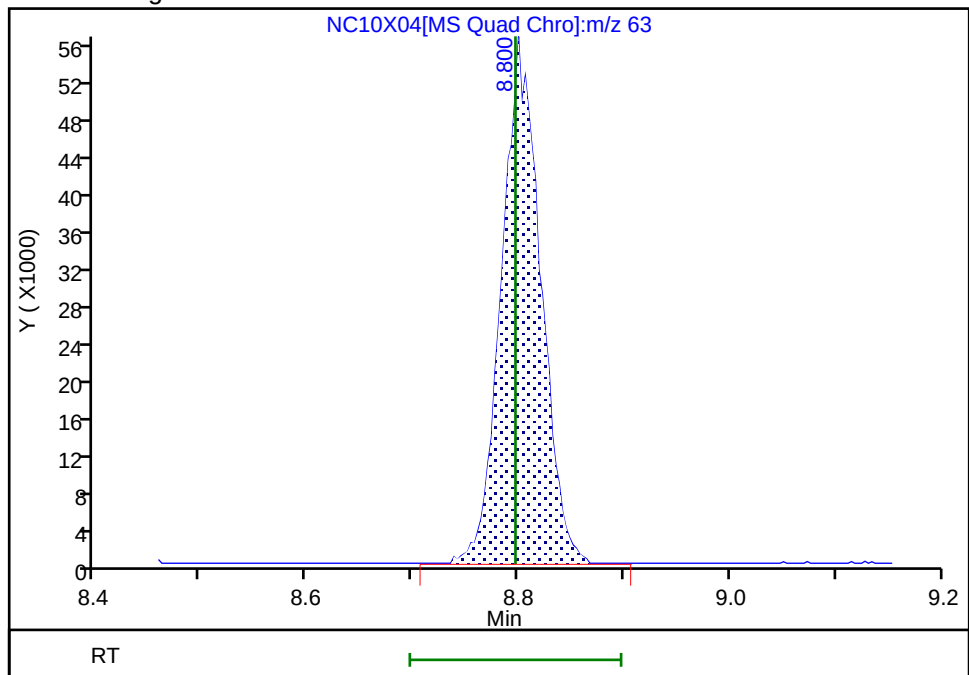
RT: 8.80
Area: 77153
Amount: 11.064765
Amount Units: ug/l

Processing Integration Results



RT: 8.80
Area: 145099
Amount: 20.809123
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 10-Oct-2025 12:20:12 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

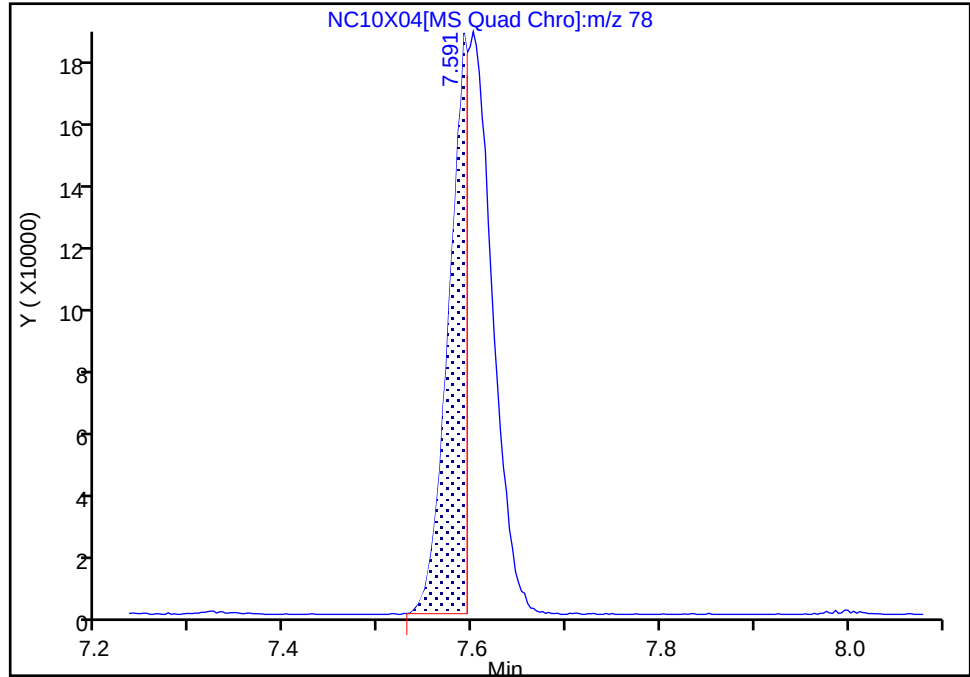
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Injection Date: 10-Oct-2025 10:42:53 Instrument ID: 7159
Lims ID: LCS
Client ID:
Operator ID: CLM27445 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

57 Benzene, CAS: 71-43-2

Signal: 1

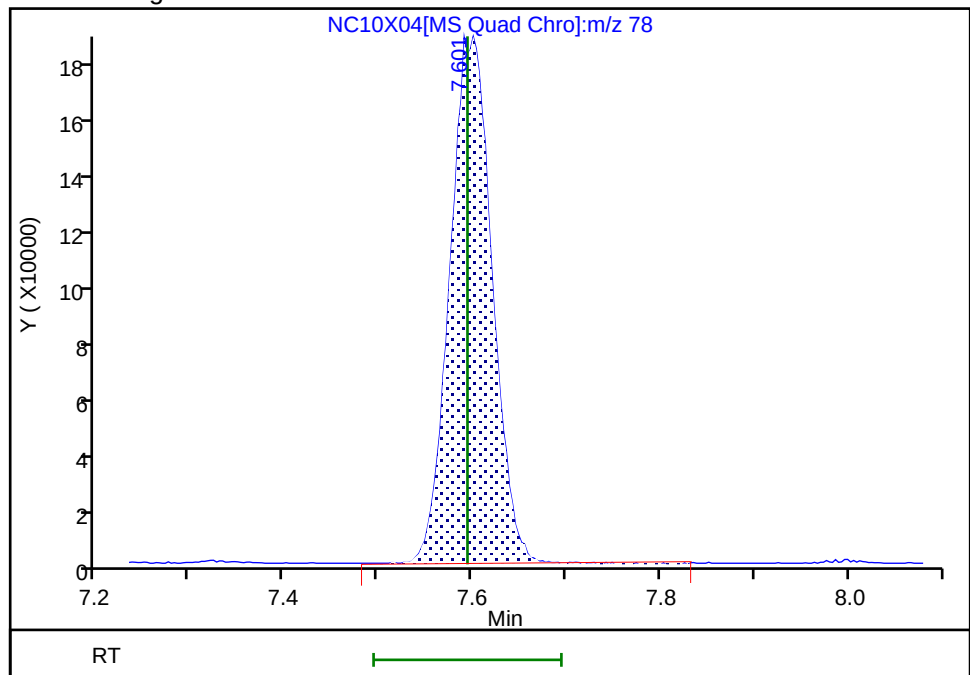
RT: 7.59
Area: 260588
Amount: 8.813120
Amount Units: ug/l

Processing Integration Results



RT: 7.60
Area: 586091
Amount: 19.821673
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 10-Oct-2025 12:19:51 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

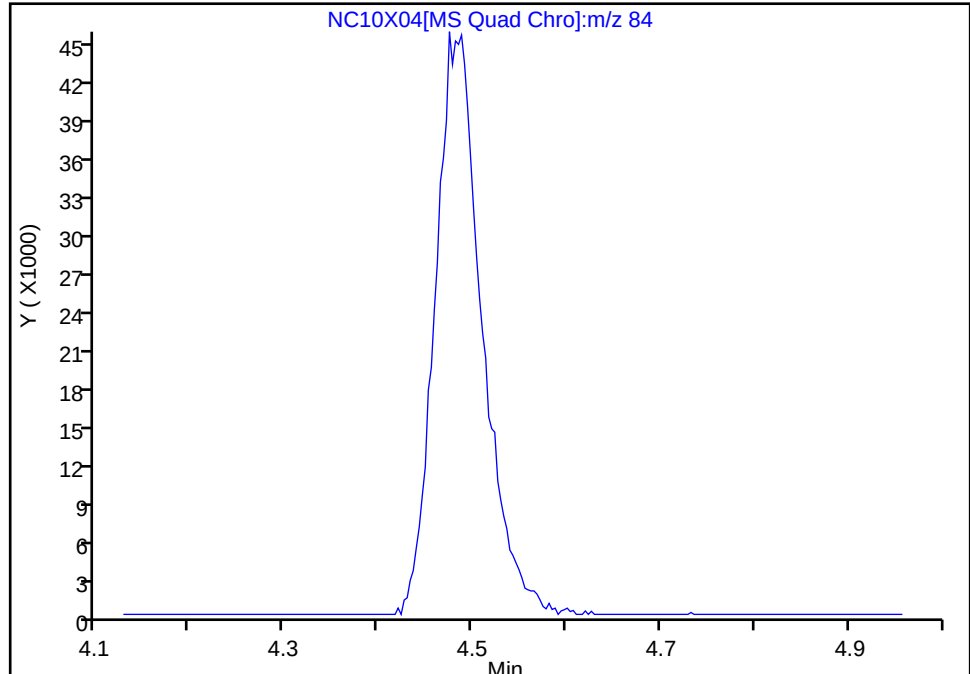
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Injection Date: 10-Oct-2025 10:42:53 Instrument ID: 7159
Lims ID: LCS
Client ID:
Operator ID: CLM27445 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

26 Methylene Chloride, CAS: 75-09-2

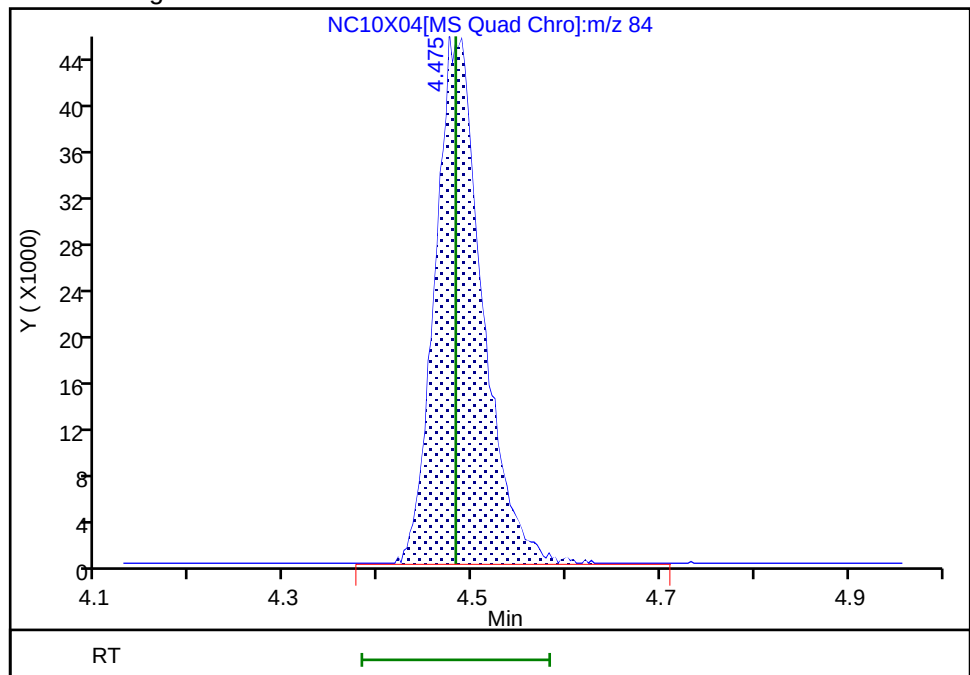
Signal: 1

Not Detected
Expected RT: 4.48

Processing Integration Results



Manual Integration Results



RT: 4.48
Area: 158118
Amount: 20.156386
Amount Units: ug/l

Reviewer: TQ4J, 10-Oct-2025 12:19:15 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

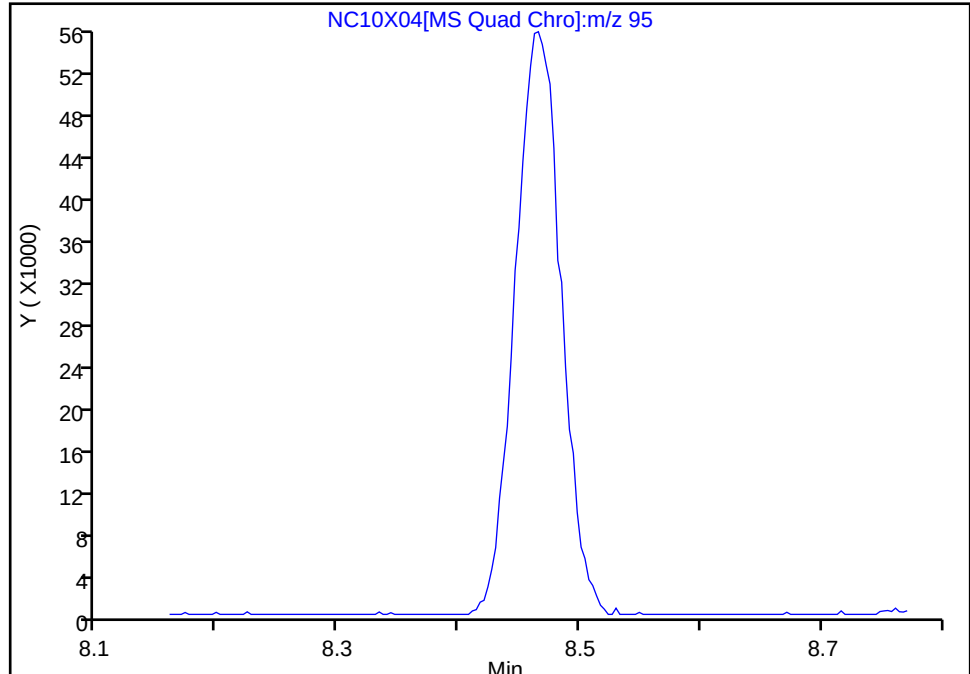
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Injection Date: 10-Oct-2025 10:42:53 Instrument ID: 7159
Lims ID: LCS
Client ID:
Operator ID: CLM27445 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

65 Trichloroethene, CAS: 79-01-6

Signal: 1

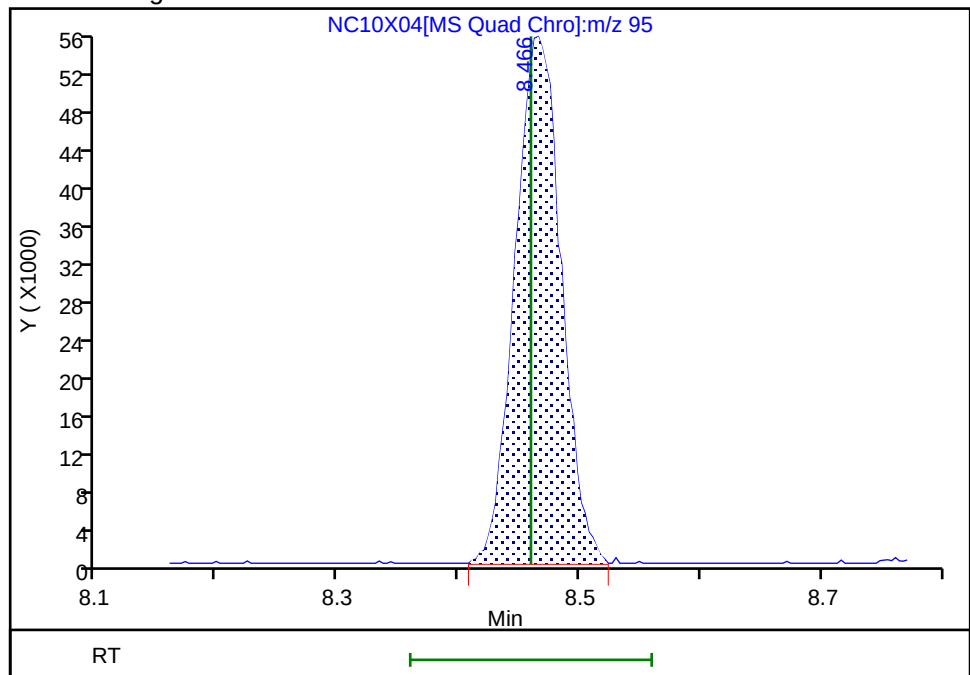
Not Detected
Expected RT: 8.46

Processing Integration Results



RT: 8.47
Area: 148165
Amount: 16.956060
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 10-Oct-2025 12:20:04 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-712734/4

Matrix: Water

Lab File ID: FC12X55.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/12/2025 21:56

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712734

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	20.4		1.0	0.30
71-55-6	1,1,1-Trichloroethane	21.0		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	21.3		1.0	0.30
79-00-5	1,1,2-Trichloroethane	20.7		1.0	0.30
75-34-3	1,1-Dichloroethane	21.2		1.0	0.30
75-35-4	1,1-Dichloroethene	17.1		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	21.0		1.0	0.20
107-06-2	1,2-Dichloroethane	22.1		1.0	0.30
78-87-5	1,2-Dichloropropane	21.1		1.0	0.30
78-93-3	2-Butanone (MEK)	283		10	1.0
591-78-6	2-Hexanone	333		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	318		10	0.50
67-64-1	Acetone	191		20	0.70
71-43-2	Benzene	20.3		1.0	0.30
74-97-5	Bromochloromethane	19.8		5.0	0.20
75-27-4	Bromodichloromethane	19.8		1.0	0.20
75-25-2	Bromoform	19.2		4.0	1.0
74-83-9	Bromomethane	16.6		1.0	0.30
75-15-0	Carbon disulfide	20.5		5.0	0.30
56-23-5	Carbon tetrachloride	20.5		1.0	0.30
108-90-7	Chlorobenzene	20.1		1.0	0.30
75-00-3	Chloroethane	18.0		1.0	0.30
67-66-3	Chloroform	21.3		1.0	0.30
74-87-3	Chloromethane	17.1		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	19.9		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	18.6		1.0	0.20
124-48-1	Dibromochloromethane	19.3		1.0	0.20
100-41-4	Ethylbenzene	21.9		1.0	0.40
1634-04-4	Methyl tert-butyl ether	22.4		1.0	0.20
75-09-2	Methylene Chloride	21.0		1.0	0.30
100-42-5	Styrene	20.3		5.0	0.30
127-18-4	Tetrachloroethene	19.9		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-712734/4

Matrix: Water

Lab File ID: FC12X55.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/12/2025 21:56

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712734

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	20.2		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	20.4		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	20.0		1.0	0.20
79-01-6	Trichloroethene	20.3		1.0	0.30
75-01-4	Vinyl chloride	17.8		1.0	0.30
1330-20-7	Xylenes, Total	62.1		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		80-120
460-00-4	4-Bromofluorobenzene (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	103		80-120
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X55.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 12-Oct-2025 21:56:09 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162872-004
 Operator ID: AGD105956 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Oct-2025 23:16:58 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1643

First Level Reviewer: Z6YX

Date: 12-Oct-2025 22:23:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.933	1.936	-0.003	99	419639	20.0	14.3	
4 Chloromethane	50	2.120	2.129	-0.009	99	624847	20.0	17.1	
5 Vinyl chloride	62	2.239	2.242	-0.003	97	570966	20.0	17.8	
6 Butadiene	39	2.255	2.261	-0.006	95	925064	20.0	24.5	
8 Bromomethane	94	2.576	2.589	-0.013	91	307728	20.0	16.6	
9 Chloroethane	64	2.669	2.676	-0.007	98	312448	20.0	18.0	
10 Dichlorofluoromethane	67	2.917	2.923	-0.006	97	790411	20.0	18.5	
11 Trichlorofluoromethane	101	2.956	2.985	-0.029	97	429259	20.0	13.2	
12 Pentane	43	3.004	3.017	-0.013	98	557654	20.0	18.2	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.338	3.341	-0.003	98	433237	20.0	18.6	
16 Acrolein	56	3.412	3.415	-0.003	99	1199275	146.3	110.7	
17 1,1-Dichloroethene	96	3.547	3.554	-0.007	95	297080	20.0	17.1	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.579	3.579	0.000	84	286586	20.0	16.5	
19 Acetone	58	3.596	3.595	0.001	100	1154077	250.0	191.2	
21 Iodomethane	142	3.753	3.766	-0.013	99	482995	20.0	17.0	
22 Isopropyl alcohol	45	3.788	3.798	-0.010	91	901427	150.0	155.2	
23 Carbon disulfide	76	3.862	3.862	0.000	100	1042235	20.0	20.5	
24 Methyl acetate	43	4.026	4.020	0.006	88	640768	20.0	28.6	
25 3-Chloro-1-propene	41	4.023	4.033	-0.010	91	614792	20.0	25.5	
26 Methylene Chloride	84	4.232	4.239	-0.007	97	367000	20.0	21.0	
* 27 t-Butyl alcohol-d10 (IS)	65	4.296	4.274	0.022	98	2657703	250.0	250.0	
28 2-Methyl-2-propanol	59	4.431	4.415	0.016	98	2066680	200.0	226.9	
31 Acrylonitrile	53	4.586	4.589	-0.003	100	1604068	100.0	120.9	
32 trans-1,2-Dichloroethene	96	4.631	4.640	-0.009	95	317758	20.0	20.4	
33 Methyl tert-butyl ether	73	4.647	4.650	-0.003	98	879819	20.0	22.4	
34 Hexane	57	5.065	5.075	-0.010	96	328373	20.0	21.2	
35 1,1-Dichloroethane	63	5.316	5.316	0.000	96	593806	20.0	21.2	
36 Isopropyl ether	45	5.399	5.390	0.009	94	913949	20.0	21.4	
37 2-Chloro-1,3-butadiene	53	5.419	5.425	-0.006	93	466286	20.0	21.3	
39 Tert-butyl ethyl ether	59	5.939	5.927	0.012	98	741276	20.0	20.7	
41 2-Butanone (MEK)	43	6.148	6.148	0.000	99	4697870	250.0	282.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 cis-1,2-Dichloroethene	96	6.155	6.165	-0.010	83	341819	20.0	19.9	
43 2,2-Dichloropropane	77	6.174	6.177	-0.003	88	467243	20.0	21.8	
44 Propionitrile	54	6.251	6.248	0.003	99	1028670	150.0	135.9	
45 Methacrylonitrile	67	6.460	6.457	0.003	95	1579028	150.0	167.9	
46 Chlorobromomethane	128	6.489	6.492	-0.003	93	161836	20.0	19.8	
47 Tetrahydrofuran	71	6.515	6.512	0.003	83	512526	100.0	88.4	
48 Chloroform	83	6.647	6.650	-0.003	94	538588	20.0	21.3	
\$ 49 Dibromofluoromethane (Surr)	113	6.865	6.862	0.003	92	731020	50.0	51.7	
50 1,1,1-Trichloroethane	97	6.875	6.875	0.000	96	452284	20.0	21.0	
51 Cyclohexane	56	6.955	6.968	-0.013	96	493420	20.0	20.1	
52 1,1-Dichloropropene	75	7.087	7.084	0.003	93	369204	20.0	19.9	
53 Carbon tetrachloride	117	7.074	7.084	-0.010	90	371444	20.0	20.5	
56 Isobutyl alcohol	41	7.293	7.271	0.022	94	1321136	500.0	473.8	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.325	7.328	-0.003	98	189011	50.0	51.2	
58 Benzene	78	7.351	7.354	-0.003	96	1172397	20.0	20.3	
59 1,2-Dichloroethane	62	7.422	7.425	-0.003	98	396186	20.0	22.1	
60 Tert-amyl methyl ether	73	7.547	7.547	0.000	94	759635	20.0	21.8	
* 61 Fluorobenzene (IS)	96	7.753	7.759	-0.006	98	2623941	50.0	50.0	
62 n-Heptane	43	7.763	7.772	-0.009	78	270057	20.0	20.7	
63 n-Butanol	56	8.161	8.152	0.009	93	1689417	1000.0	910.3	
64 Trichloroethene	95	8.235	8.238	-0.003	98	265434	20.0	20.3	
65 Methylcyclohexane	83	8.541	8.553	-0.012	93	393994	20.0	19.8	
66 1,2-Dichloropropane	63	8.582	8.576	0.006	89	293374	20.0	21.1	
67 2-ethoxy-2-methyl butane	87	8.586	8.589	-0.003	92	357857	20.0	20.5	
68 Methyl methacrylate	69	8.672	8.669	0.003	95	233633	20.0	21.9	
70 1,4-Dioxane	88	8.679	8.676	0.003	72	280748	500.0	475.4	
69 Dibromomethane	93	8.685	8.689	-0.004	93	173887	20.0	20.4	
72 Dichlorobromomethane	83	8.923	8.930	-0.007	99	304054	20.0	19.8	
73 2-Nitropropane	41	9.216	9.213	0.003	98	158325	20.0	20.8	
74 2-Chloroethyl vinyl ether	63	9.293	9.293	0.000	91	144914	20.0	19.2	
76 cis-1,3-Dichloropropene	75	9.476	9.473	0.003	93	308934	20.0	18.6	
78 4-Methyl-2-pentanone (MIBK)	43	9.663	9.660	0.003	99	8324035	250.0	318.1	
\$ 79 Toluene-d8 (Surr)	98	9.782	9.779	0.003	94	2555836	50.0	53.1	
80 Toluene	92	9.856	9.859	-0.003	98	626453	20.0	20.2	
105 trans-1,3-Dichloropropene	75	10.116	10.116	0.000	95	277377	20.0	20.0	
106 Ethyl methacrylate	69	10.184	10.180	0.004	91	335287	20.0	21.1	
107 1,1,2-Trichloroethane	97	10.319	10.322	-0.003	92	214143	20.0	20.7	
108 Tetrachloroethene	166	10.396	10.402	-0.006	95	243907	20.0	19.9	
109 1,3-Dichloropropane	76	10.483	10.483	0.000	94	356043	20.0	21.1	
110 2-Hexanone	43	10.544	10.544	0.000	98	5986374	250.0	332.8	
111 Chlorodibromomethane	129	10.695	10.695	0.000	95	208187	20.0	19.3	
112 Ethylene Dibromide	107	10.804	10.804	0.000	99	208435	20.0	21.0	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	88	1699649	50.0	50.0	
114 1-Chlorohexane	91	11.248	11.248	0.000	92	280688	20.0	20.9	
115 Chlorobenzene	112	11.264	11.264	0.000	93	649667	20.0	20.1	
117 1,1,1,2-Tetrachloroethane	131	11.348	11.348	0.000	93	251696	20.0	20.4	
118 Ethylbenzene	91	11.351	11.351	0.000	99	1214307	20.0	21.9	
119 m-Xylene & p-Xylene	106	11.463	11.467	-0.004	99	916405	40.0	42.0	
120 o-Xylene	106	11.798	11.798	0.000	97	450942	20.0	20.1	
121 Styrene	104	11.814	11.811	0.003	95	672596	20.0	20.3	
122 Bromoform	173	11.968	11.965	0.003	95	145530	20.0	19.2	
123 Isopropylbenzene	105	12.100	12.100	0.000	96	1146115	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	85	872489	50.0	50.2	
127 1,1,2,2-Tetrachloroethane	83	12.348	12.348	0.000	94	444280	20.0	21.3	
128 Bromobenzene	156	12.357	12.357	0.000	96	251334	20.0	19.5	
129 trans-1,4-Dichloro-2-butene	53	12.370	12.373	-0.003	87	411962	100.0	86.4	
130 1,2,3-Trichloropropane	110	12.393	12.393	0.000	85	140327	20.0	20.4	
131 N-Propylbenzene	91	12.428	12.428	0.000	99	1396835	20.0	23.0	
132 2-Chlorotoluene	126	12.505	12.505	0.000	95	273766	20.0	20.9	
133 1,3,5-Trimethylbenzene	105	12.566	12.566	0.000	95	912544	20.0	20.9	
134 4-Chlorotoluene	126	12.598	12.598	0.000	98	249353	20.0	20.5	
135 tert-Butylbenzene	134	12.807	12.811	-0.004	94	148296	20.0	17.3	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	98	926736	20.0	21.0	
137 sec-Butylbenzene	105	12.975	12.975	0.000	95	1065018	20.0	21.6	
138 1,3-Dichlorobenzene	146	13.068	13.071	-0.003	97	462324	20.0	20.0	
139 4-Isopropyltoluene	119	13.081	13.081	0.000	97	888733	20.0	20.9	
* 140 1,4-Dichlorobenzene-d4	152	13.126	13.126	0.000	96	964846	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.145	13.145	0.000	94	476738	20.0	20.0	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	99	998604	20.0	22.3	
143 Benzyl chloride	91	13.222	13.222	0.000	99	697334	20.0	21.4	
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	94	527714	20.0	21.3	
145 p-Diethylbenzene	119	13.354	13.354	0.000	95	558054	20.0	21.2	
146 n-Butylbenzene	92	13.373	13.373	0.000	97	474504	20.0	22.7	
147 1,2-Dichlorobenzene	146	13.405	13.409	-0.004	95	484570	20.0	19.5	
148 o-diethylbenzene	119	13.428	13.428	0.000	96	462402	20.0	21.0	
149 1,2-Dibromo-3-Chloropropane	75	13.952	13.952	0.000	78	143506	20.0	21.2	
150 1,3,5-Trichlorobenzene	180	14.077	14.077	0.000	96	314991	20.0	21.4	
151 1,2,4-Trichlorobenzene	180	14.508	14.502	0.006	93	304100	20.0	21.5	
152 Hexachlorobutadiene	225	14.585	14.585	0.000	97	102238	20.0	17.8	
153 Naphthalene	128	14.692	14.688	0.004	97	1359994	20.0	22.4	
154 1,2,3-Trichlorobenzene	180	14.833	14.833	0.000	96	349475	20.0	22.9	
155 2-Methylnaphthalene	142	15.482	15.479	0.003	92	753826	20.0	23.0	

QC Flag Legend

Processing Flags

Reagents:

MSV_LCS_ACROL_00248	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00271	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00251	Amount Added: 50.00	Units: uL	
MSV_LCS_VOC#1_00243	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00045	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 12-Oct-2025 23:17:02

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X55.D

Injection Date: 12-Oct-2025 21:56:09

Instrument ID: 15830

Operator ID: AGD105956

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

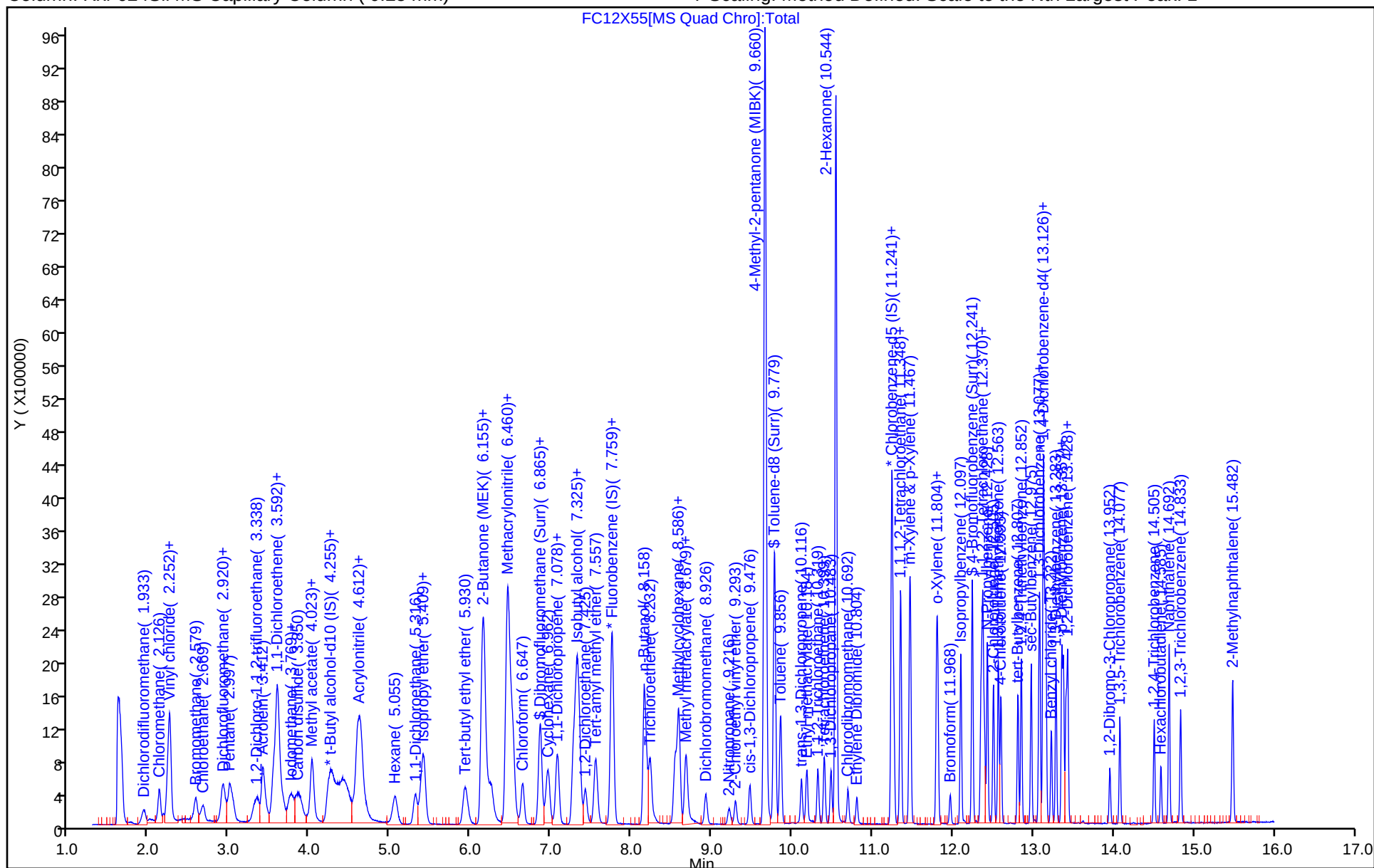
ALS Bottle#: 3

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X55.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 12-Oct-2025 21:56:09 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162872-004
Operator ID: AGD105956 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 12-Oct-2025 23:16:58 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: Z6YX

Date: 12-Oct-2025 22:23:22

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	51.7	103.39
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	51.2	102.40
\$ 79 Toluene-d8 (Surr)	50.0	53.1	106.18
\$ 126 4-Bromofluorobenzene (Surr)	50.0	50.2	100.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-712926/6

Matrix: Water

Lab File ID: 5C13X05.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5(mL)

Date Analyzed: 10/13/2025 10:42

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712926

Units: ug/L

Preparation Batch No.:

Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	20.0		1.0	0.30
71-55-6	1,1,1-Trichloroethane	20.2		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	15.5		1.0	0.30
79-00-5	1,1,2-Trichloroethane	17.6		1.0	0.30
75-34-3	1,1-Dichloroethane	19.2		1.0	0.30
75-35-4	1,1-Dichloroethene	20.4		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	17.4		1.0	0.20
107-06-2	1,2-Dichloroethane	18.9		1.0	0.30
78-87-5	1,2-Dichloropropane	17.4		1.0	0.30
78-93-3	2-Butanone (MEK)	196		10	1.0
591-78-6	2-Hexanone	211		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	202		10	0.50
67-64-1	Acetone	225		20	0.70
71-43-2	Benzene	17.9		1.0	0.30
74-97-5	Bromochloromethane	19.3		5.0	0.20
75-27-4	Bromodichloromethane	17.7		1.0	0.20
75-25-2	Bromoform	18.4		4.0	1.0
74-83-9	Bromomethane	16.6		1.0	0.30
75-15-0	Carbon disulfide	18.1		5.0	0.30
56-23-5	Carbon tetrachloride	21.0		1.0	0.30
108-90-7	Chlorobenzene	18.9		1.0	0.30
75-00-3	Chloroethane	18.1		1.0	0.30
67-66-3	Chloroform	19.2		1.0	0.30
74-87-3	Chloromethane	14.4		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	19.6		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	15.5		1.0	0.20
124-48-1	Dibromochloromethane	18.3		1.0	0.20
100-41-4	Ethylbenzene	18.6		1.0	0.40
1634-04-4	Methyl tert-butyl ether	16.9		1.0	0.20
75-09-2	Methylene Chloride	18.7		1.0	0.30
100-42-5	Styrene	17.5		5.0	0.30
127-18-4	Tetrachloroethene	20.6		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-712926/6

Matrix: Water

Lab File ID: 5C13X05.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/13/2025 10:42

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712926

Units: ug/L

Preparation Batch No.:

Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	18.5		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	19.1		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	16.5		1.0	0.20
79-01-6	Trichloroethene	18.0		1.0	0.30
75-01-4	Vinyl chloride	14.4		1.0	0.30
1330-20-7	Xylenes, Total	58.3		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		80-120
460-00-4	4-Bromofluorobenzene (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	103		80-120
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X05.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 13-Oct-2025 10:42:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162928-006
 Operator ID: knk41612 Instrument ID: 26285
 Method: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 13-Oct-2025 13:31:01 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1625

First Level Reviewer: DVW2

Date: 13-Oct-2025 11:04:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.592	1.604	-0.012	99	208370	20.0	15.8	
5 Chloromethane	50	1.744	1.756	-0.012	99	180670	20.0	14.4	
6 Vinyl chloride	62	1.811	1.823	-0.012	97	159029	20.0	14.4	
7 Butadiene	39	1.829	1.835	-0.006	95	254858	20.0	23.6	
10 Bromomethane	94	2.098	2.104	-0.006	92	121126	20.0	16.6	
11 Chloroethane	64	2.171	2.177	-0.006	98	95820	20.0	18.1	
12 Dichlorofluoromethane	67	2.378	2.378	0.000	97	299122	20.0	17.9	
14 Trichlorofluoromethane	101	2.421	2.427	-0.006	71	193107	20.0	14.0	
13 Pentane	43	2.439	2.439	0.000	94	158941	20.0	17.6	
16 Ethyl ether	59	2.610	2.616	-0.006	93	84305	19.9	17.7	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	2.701	2.713	-0.012	90	154070	20.0	18.6	
18 Acrolein	56	2.756	2.762	-0.006	97	283714	146.3	140.3	
19 1,1-Dichloroethene	96	2.878	2.878	0.000	96	111318	20.0	20.4	
20 Acetone	58	2.908	2.914	-0.006	98	206246	250.0	225.0	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.908	2.921	-0.013	51	116864	20.0	18.6	
22 Iodomethane	142	3.049	3.061	-0.012	99	212816	20.0	17.8	
23 Isopropyl alcohol	45	3.049	3.085	-0.036	40	83258	150.0	102.9	
24 Carbon disulfide	76	3.152	3.134	0.018	99	349619	20.0	18.1	M
26 Methyl acetate	43	3.244	3.256	-0.012	96	165345	20.0	20.4	
28 3-Chloro-1-propene	41	3.268	3.268	0.000	85	169327	20.0	17.8	
29 Methylene Chloride	84	3.433	3.439	-0.006	96	122383	20.0	18.7	
* 30 t-Butyl alcohol-d10 (IS)	65	3.475	3.439	0.036	84	405163	250.0	250.0	
31 2-Methyl-2-propanol	59	3.561	3.567	-0.006	98	209867	200.0	135.5	
32 Acrylonitrile	53	3.713	3.713	0.000	96	336035	100.0	87.0	
33 trans-1,2-Dichloroethene	96	3.768	3.774	-0.006	95	115300	20.0	19.1	
34 Methyl tert-butyl ether	73	3.780	3.780	0.000	93	327755	20.0	16.9	
35 Hexane	57	4.158	4.164	-0.006	93	131239	20.0	18.9	
37 1,1-Dichloroethane	63	4.396	4.396	0.000	96	212003	20.0	19.2	
38 Isopropyl ether	45	4.457	4.463	-0.006	96	315438	20.0	16.7	
40 2-Chloro-1,3-butadiene	53	4.512	4.512	0.000	94	170879	20.0	17.9	
41 Tert-butyl ethyl ether	59	5.036	5.036	0.000	98	283533	20.0	15.4	
42 2-Butanone (MEK)	43	5.249	5.255	-0.006	100	1174858	250.0	196.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
43 cis-1,2-Dichloroethene	96	5.262	5.268	-0.006	81	131292	20.0	19.6	
44 2,2-Dichloropropane	77	5.274	5.280	-0.006	92	189440	20.0	19.6	
46 Propionitrile	54	5.347	5.353	-0.006	98	211907	150.0	130.8	
48 Methacrylonitrile	67	5.566	5.566	0.000	93	487088	150.0	129.4	
49 Chlorobromomethane	128	5.609	5.609	0.000	94	65988	20.0	19.3	
50 Tetrahydrofuran	71	5.615	5.615	0.000	87	129366	100.0	88.7	
51 Chloroform	83	5.780	5.774	0.006	94	218238	20.0	19.2	
\$ 53 Dibromofluoromethane (Surr)	113	5.999	5.999	0.000	92	344289	50.0	51.4	
52 1,1,1-Trichloroethane	97	5.993	6.005	-0.012	57	200087	20.0	20.2	
54 Cyclohexane	56	6.091	6.091	0.000	93	178952	20.0	17.7	
56 Carbon tetrachloride	117	6.207	6.213	-0.006	87	182466	20.0	21.0	
57 1,1-Dichloropropene	75	6.219	6.213	0.006	92	156756	20.0	18.4	
58 Isobutyl alcohol	41	6.432	6.432	0.000	91	178439	500.0	322.8	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.463	6.463	0.000	81	73923	50.0	50.7	
60 Benzene	78	6.487	6.487	0.000	96	451032	20.0	17.9	
61 1,2-Dichloroethane	62	6.572	6.566	0.006	98	175758	20.0	18.9	
63 Tert-amyl methyl ether	73	6.694	6.700	-0.006	98	285412	20.0	15.7	
* 64 Fluorobenzene (IS)	96	6.908	6.908	0.000	98	1249724	50.0	50.0	
65 n-Heptane	43	6.932	6.938	-0.006	94	136321	20.0	20.8	
66 n-Butanol	56	7.328	7.340	-0.012	93	234224	1000.0	661.3	
67 Trichloroethene	95	7.402	7.408	-0.006	97	116951	20.0	18.0	
69 Methylcyclohexane	83	7.706	7.706	0.000	90	190011	20.0	18.9	
70 1,2-Dichloropropane	63	7.743	7.743	0.000	95	109883	20.0	17.4	
71 2-ethoxy-2-methyl butane	87	7.773	7.773	0.000	91	142917	20.0	16.6	
73 1,4-Dioxane	88	7.840	7.840	0.000	89	44955	500.0	468.4	
74 Dibromomethane	93	7.859	7.859	0.000	94	77769	20.0	18.0	
75 Methyl methacrylate	69	7.859	7.865	-0.006	91	78539	20.0	14.4	
77 Dichlorobromomethane	83	8.109	8.115	-0.006	98	148405	20.0	17.7	
78 2-Nitropropane	41	8.401	8.401	0.000	99	46799	20.0	16.0	
80 2-Chloroethyl vinyl ether	63	8.499	8.505	-0.006	93	65293	20.0	14.2	
81 cis-1,3-Dichloropropene	75	8.682	8.688	-0.006	93	153645	20.0	15.5	
82 4-Methyl-2-pentanone (MIBK)	43	8.895	8.889	0.006	98	2314484	250.0	202.4	
\$ 84 Toluene-d8 (Surr)	98	9.023	9.023	0.000	94	1170790	50.0	52.0	
86 Toluene	92	9.108	9.108	0.000	98	268324	20.0	18.5	
87 trans-1,3-Dichloropropene	75	9.419	9.419	0.000	96	140364	20.0	16.5	
88 Ethyl methacrylate	69	9.499	9.499	0.000	89	127624	20.0	15.0	
89 1,1,2-Trichloroethane	97	9.639	9.639	0.000	93	93191	20.0	17.6	
90 Tetrachloroethene	166	9.718	9.718	0.000	96	132156	20.0	20.6	
91 1,3-Dichloropropane	76	9.816	9.809	0.007	95	143731	20.0	17.5	
93 2-Hexanone	43	9.889	9.889	0.000	98	1597123	250.0	210.9	
102 Chlorodibromomethane	129	10.041	10.041	0.000	89	115180	20.0	18.3	
104 Ethylene Dibromide	107	10.151	10.151	0.000	99	98583	20.0	17.4	
* 112 Chlorobenzene-d5 (IS)	117	10.620	10.620	0.000	86	851176	50.0	50.0	
114 Chlorobenzene	112	10.645	10.645	0.000	94	301643	20.0	18.9	
115 1-Chlorohexane	91	10.645	10.645	0.000	65	132791	20.0	19.6	
133 1,1,1,2-Tetrachloroethane	131	10.736	10.736	0.000	95	124472	20.0	20.0	
134 Ethylbenzene	91	10.742	10.742	0.000	99	522931	20.0	18.6	
135 m-Xylene & p-Xylene	106	10.870	10.870	0.000	99	420993	40.0	39.1	
138 o-Xylene	106	11.212	11.212	0.000	96	211748	20.0	19.2	
139 Styrene	104	11.230	11.230	0.000	95	312015	20.0	17.5	
141 Bromoform	173	11.382	11.382	0.000	97	91195	20.0	18.4	
142 Isopropylbenzene	105	11.529	11.529	0.000	96	564452	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	96	414460	50.0	50.2	
147 Bromobenzene	156	11.791	11.791	0.000	95	136367	20.0	17.1	
148 1,1,2,2-Tetrachloroethane	83	11.791	11.791	0.000	95	166580	20.0	15.5	
149 trans-1,4-Dichloro-2-butene	53	11.821	11.815	0.006	91	124655	100.0	39.4	
150 1,2,3-Trichloropropane	110	11.834	11.833	0.001	87	50537	20.0	16.4	
151 N-Propylbenzene	91	11.870	11.870	0.000	99	649554	20.0	17.9	
152 2-Chlorotoluene	126	11.943	11.943	0.000	96	133753	20.0	18.3	
153 1,3,5-Trimethylbenzene	105	12.016	12.016	0.000	96	472417	20.0	18.3	
154 4-Chlorotoluene	126	12.041	12.041	0.000	97	128750	20.0	18.1	
156 tert-Butylbenzene	134	12.266	12.260	0.006	93	87174	20.0	19.5	
158 1,2,4-Trimethylbenzene	105	12.309	12.309	0.000	97	472535	20.0	18.5	
160 sec-Butylbenzene	105	12.431	12.431	0.000	95	583101	20.0	19.5	
161 1,3-Dichlorobenzene	146	12.529	12.528	0.001	98	261509	20.0	18.9	
162 4-Isopropyltoluene	119	12.547	12.547	0.000	97	509465	20.0	19.2	
* 165 1,4-Dichlorobenzene-d4	152	12.583	12.583	0.000	94	532662	50.0	50.0	
166 1,4-Dichlorobenzene	146	12.602	12.602	0.000	96	265696	20.0	18.8	
167 1,2,3-Trimethylbenzene	105	12.620	12.620	0.000	99	495012	20.0	18.5	
168 Benzyl chloride	91	12.687	12.687	0.000	99	319161	20.0	15.9	
169 1,3-Diethylbenzene	119	12.754	12.754	0.000	95	289511	20.0	20.3	
170 p-Diethylbenzene	119	12.827	12.827	0.000	94	311495	20.0	20.3	
171 n-Butylbenzene	92	12.846	12.845	0.001	98	245253	20.0	20.3	
172 1,2-Dichlorobenzene	146	12.870	12.870	0.000	99	267277	20.0	18.8	
173 o-diethylbenzene	119	12.894	12.894	0.000	96	247992	20.0	20.1	
175 1,2-Dibromo-3-Chloropropane	75	13.425	13.419	0.006	85	47787	20.0	16.1	
177 1,3,5-Trichlorobenzene	180	13.553	13.553	0.000	98	198740	20.0	21.5	
178 1,2,4-Trichlorobenzene	180	13.979	13.979	0.000	94	182892	20.0	19.9	
180 Hexachlorobutadiene	225	14.071	14.065	0.006	95	77380	20.0	19.4	
181 Naphthalene	128	14.162	14.162	0.000	97	613167	20.0	17.3	
182 1,2,3-Trichlorobenzene	180	14.309	14.309	0.000	94	179312	20.0	20.1	
183 2-Methylnaphthalene	142	14.900	14.900	0.000	93	303094	20.0	19.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00244	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00252	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00249	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00272	Amount Added: 50.00	Units: uL	
MSV_LCS_EE_00012	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00043	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 13-Oct-2025 13:31:08

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X05.D

Injection Date: 13-Oct-2025 10:42:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: LCS

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

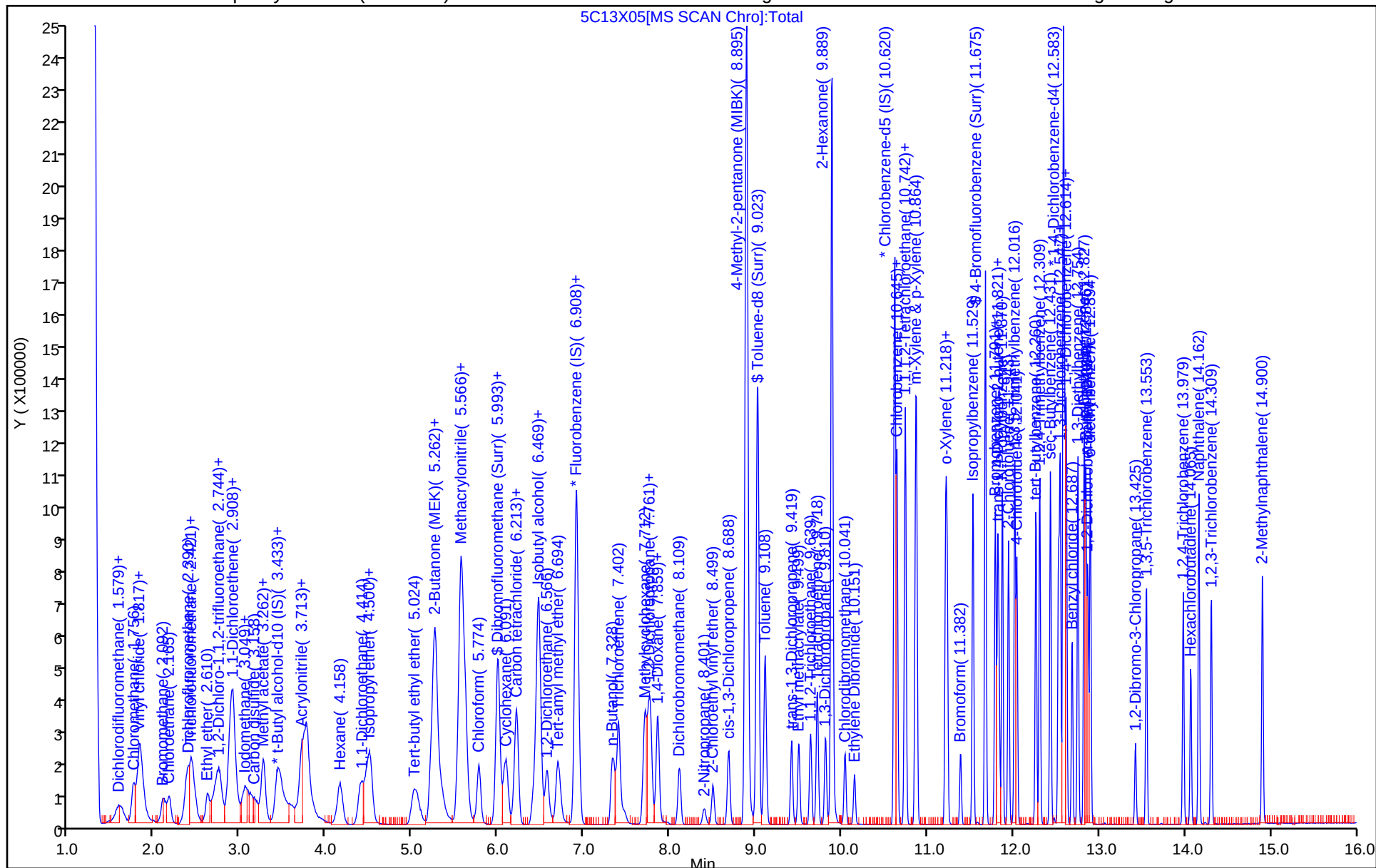
ALS Bottle#: 5

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X05.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 13-Oct-2025 10:42:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162928-006
Operator ID: knk41612 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20251013-162928.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 13-Oct-2025 13:31:01 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: DVW2

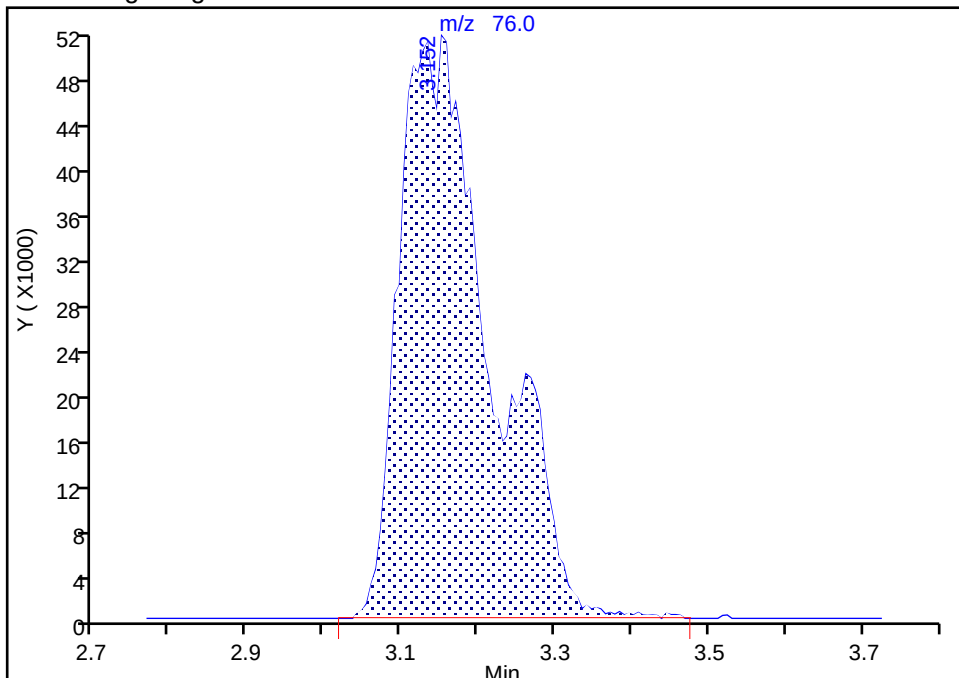
Date: 13-Oct-2025 11:04:12

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	51.4	102.70
\$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	50.7	101.46
\$ 84 Toluene-d8 (Surr)	50.0	52.0	104.01
\$ 145 4-Bromofluorobenzene (Surr)	50.0	50.2	100.45

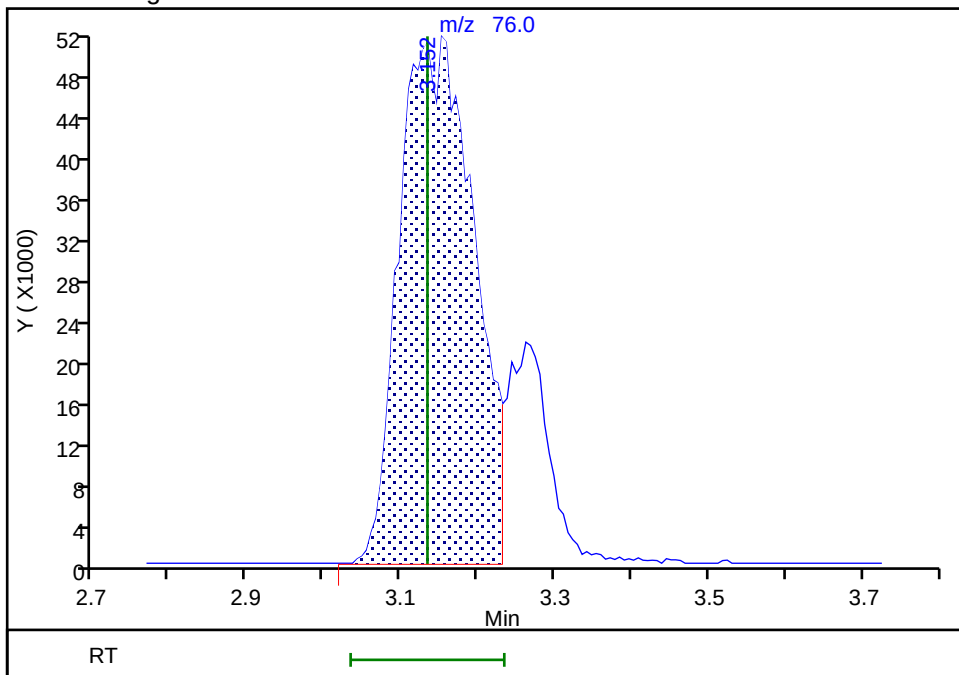
Data File:	\\chromfs\Lancaster\ChromData\26285\20251013-162928.b\5C13X05.D				
Injection Date:	13-Oct-2025 10:42:30	Instrument ID:	26285		
Lims ID:	LCS				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_26285a	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm i.d.)	Detector	MS Quad		

Signal: 1

Processing Integration Results



Manual Integration Results



Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-713392/4

Matrix: Water

Lab File ID: YC13X53.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5(mL)

Date Analyzed: 10/13/2025 23:31

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 713392

Units: ug/L

Preparation Batch No.:

Instrument ID: 9355

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	22.4		1.0	0.30
71-55-6	1,1,1-Trichloroethane	20.8		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	17.9		1.0	0.30
79-00-5	1,1,2-Trichloroethane	20.1		1.0	0.30
75-34-3	1,1-Dichloroethane	20.0		1.0	0.30
75-35-4	1,1-Dichloroethene	23.3		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	20.1		1.0	0.20
107-06-2	1,2-Dichloroethane	18.9		1.0	0.30
78-87-5	1,2-Dichloropropane	18.2		1.0	0.30
78-93-3	2-Butanone (MEK)	210		10	1.0
591-78-6	2-Hexanone	227		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	217		10	0.50
67-64-1	Acetone	260		20	0.70
71-43-2	Benzene	18.8		1.0	0.30
74-97-5	Bromochloromethane	23.4		5.0	0.20
75-27-4	Bromodichloromethane	19.5		1.0	0.20
75-25-2	Bromoform	23.1		4.0	1.0
74-83-9	Bromomethane	20.6		1.0	0.30
75-15-0	Carbon disulfide	22.8		5.0	0.30
56-23-5	Carbon tetrachloride	22.2		1.0	0.30
108-90-7	Chlorobenzene	20.3		1.0	0.30
75-00-3	Chloroethane	19.9		1.0	0.30
67-66-3	Chloroform	20.1		1.0	0.30
74-87-3	Chloromethane	19.9		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	20.4		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	16.8		1.0	0.20
124-48-1	Dibromochloromethane	21.3		1.0	0.20
100-41-4	Ethylbenzene	17.9		1.0	0.40
1634-04-4	Methyl tert-butyl ether	17.8		1.0	0.20
75-09-2	Methylene Chloride	22.1		1.0	0.30
100-42-5	Styrene	18.4		5.0	0.30
127-18-4	Tetrachloroethene	21.4		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 410-713392/4

Matrix: Water Lab File ID: YC13X53.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2025 23:31

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 713392 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 9355

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	19.0		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	21.7		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	17.0		1.0	0.20
79-01-6	Trichloroethene	19.5		1.0	0.30
75-01-4	Vinyl chloride	21.6		1.0	0.30
1330-20-7	Xylenes, Total	56.1		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		80-120
460-00-4	4-Bromofluorobenzene (Surr)	95		80-120
1868-53-7	Dibromofluoromethane (Surr)	104		80-120
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X53.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 13-Oct-2025 23:31:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0163047-004
 Operator ID: KEL87800 Instrument ID: 9355
 Method: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\MSVoa_9355.m
 Limit Group: MSV - 8260C_D
 Last Update: 14-Oct-2025 12:46:07 Calib Date: 27-Jun-2025 19:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1602

First Level Reviewer: N9NA

Date: 14-Oct-2025 12:46:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.823	1.816	0.007	99	294742	20.0	26.0	
6 Chloromethane	50	1.995	1.995	0.000	99	282670	20.0	19.9	
8 Butadiene	39	2.102	2.088	0.014	90	312417	20.0	24.6	
7 Vinyl chloride	62	2.102	2.095	0.007	97	283869	20.0	21.6	
10 Bromomethane	94	2.409	2.410	-0.001	90	189877	20.0	20.6	
11 Chloroethane	64	2.460	2.460	0.000	99	130718	20.0	19.9	
12 Dichlorofluoromethane	67	2.695	2.696	-0.001	97	393529	20.0	19.6	
13 Pentane	43	2.753	2.753	0.000	96	216269	20.0	17.4	
14 Trichlorofluoromethane	101	2.753	2.753	0.000	96	259203	20.0	18.8	
17 1,2-Dichloro-1,1,2-trifluoroethane	67	3.024	3.010	0.014	91	180644	20.0	19.3	
18 Acrolein	56	3.089	3.082	0.007	99	384379	146.3	179.0	
19 1,1-Dichloroethene	96	3.239	3.225	0.014	88	146139	20.0	23.3	
20 Acetone	58	3.232	3.232	0.000	100	307064	250.0	259.9	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.267	3.268	-0.001	91	158972	20.0	19.5	
22 Isopropyl alcohol	45	3.382	3.382	0.000	96	195425	150.0	98.6	M
23 Iodomethane	142	3.432	3.432	0.000	97	279772	20.0	22.3	
24 Carbon disulfide	76	3.568	3.568	0.000	99	520070	20.0	22.8	
26 Methyl acetate	43	3.625	3.618	0.007	97	158500	20.0	19.0	M
27 3-Chloro-1-propene	41	3.646	3.647	-0.001	85	164839	20.0	15.2	
* 28 t-Butyl alcohol-d10 (IS)	65	3.818	3.811	0.007	99	556987	250.0	250.0	a
29 Methylene Chloride	84	3.818	3.818	0.000	88	161931	20.0	22.1	
30 2-Methyl-2-propanol	59	3.911	3.919	-0.008	99	352055	200.0	156.9	M
31 Acrylonitrile	53	4.104	4.097	0.007	99	411600	100.0	87.2	
32 Methyl tert-butyl ether	73	4.183	4.183	0.000	94	453827	20.0	17.8	
33 trans-1,2-Dichloroethene	96	4.211	4.205	0.006	99	135694	20.0	21.7	
35 Hexane	57	4.633	4.634	-0.001	91	165224	20.0	16.1	
37 1,1-Dichloroethane	63	4.862	4.855	0.007	96	225983	20.0	20.0	
38 Isopropyl ether	45	4.926	4.920	0.006	92	360067	20.0	15.4	
39 2-Chloro-1,3-butadiene	53	4.976	4.970	0.006	90	161823	20.0	16.1	
41 Tert-butyl ethyl ether	59	5.470	5.470	0.000	98	383754	20.0	15.7	
42 2-Butanone (MEK)	43	5.670	5.670	0.000	99	1433248	250.0	209.8	
43 cis-1,2-Dichloroethene	96	5.706	5.706	0.000	79	150069	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
44 2,2-Dichloropropane	77	5.720	5.728	-0.008	76	226526	20.0	19.9	M
45 Propionitrile	54	5.741	5.742	-0.001	98	279619	150.0	145.2	
48 Methacrylonitrile	67	5.970	5.971	-0.001	90	654600	150.0	139.1	
50 Chlorobromomethane	128	6.049	6.042	0.007	85	84934	20.0	23.4	
51 Tetrahydrofuran	71	6.070	6.064	0.006	91	163558	100.0	98.2	
53 Chloroform	83	6.199	6.199	0.000	92	227191	20.0	20.1	
\$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	93	330962	50.0	52.2	
55 1,1,1-Trichloroethane	97	6.435	6.435	0.000	98	232403	20.0	20.8	
56 Cyclohexane	56	6.557	6.557	0.000	89	223954	20.0	15.4	
57 1,1-Dichloropropene	75	6.657	6.657	0.000	95	166664	20.0	18.0	
58 Carbon tetrachloride	117	6.664	6.664	0.000	95	204171	20.0	22.2	
59 Isobutyl alcohol	41	6.800	6.793	0.007	95	287712	500.0	386.4	
\$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.886	6.886	0.000	100	84425	50.0	52.4	
61 Benzene	78	6.921	6.922	-0.001	96	527129	20.0	18.8	
62 1,2-Dichloroethane	62	7.000	6.993	0.007	98	172389	20.0	18.9	
64 Tert-amyl methyl ether	73	7.121	7.122	-0.001	99	416486	20.0	17.5	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1333500	50.0	50.0	
66 n-Heptane	43	7.365	7.358	0.007	89	151426	20.0	14.8	
67 n-Butanol	56	7.708	7.715	-0.007	88	508120	1000.0	916.0	
69 Trichloroethene	95	7.829	7.830	-0.001	95	139126	20.0	19.5	
71 Methylcyclohexane	83	8.151	8.151	0.000	90	246923	20.0	16.8	
72 1,2-Dichloropropane	63	8.158	8.159	-0.001	93	137516	20.0	18.2	
73 2-ethoxy-2-methyl butane	87	8.187	8.180	0.007	95	206253	20.0	18.3	
74 Methyl methacrylate	69	8.258	8.252	0.006	89	114515	20.0	15.9	
75 1,4-Dioxane	88	8.266	8.259	0.007	52	99397	500.0	521.0	
76 Dibromomethane	93	8.280	8.273	0.007	96	99430	20.0	20.7	
78 Dichlorobromomethane	83	8.516	8.516	0.000	99	167078	20.0	19.5	
79 2-Nitropropane	41	8.766	8.759	0.007	99	48780	20.0	17.7	
80 2-Chloroethyl vinyl ether	63	8.895	8.888	0.007	92	72816	20.0	14.9	
81 cis-1,3-Dichloropropene	75	9.088	9.081	0.007	97	193271	20.0	16.8	
82 4-Methyl-2-pentanone (MIBK)	43	9.252	9.253	-0.001	96	2876180	250.0	216.7	
\$ 83 Toluene-d8 (Surr)	98	9.410	9.410	0.000	93	1291359	50.0	49.5	
95 Toluene	92	9.495	9.496	-0.001	98	322024	20.0	19.0	
96 trans-1,3-Dichloropropene	75	9.774	9.767	0.007	92	174716	20.0	17.0	
97 Ethyl methacrylate	69	9.839	9.839	0.000	88	178770	20.0	14.9	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	90	132295	20.0	20.1	
114 Tetrachloroethene	166	10.075	10.075	0.000	96	148895	20.0	21.4	
115 1,3-Dichloropropane	76	10.146	10.146	0.000	90	200643	20.0	18.6	
117 2-Hexanone	43	10.196	10.196	0.000	95	2061604	250.0	227.0	
119 Chlorodibromomethane	129	10.375	10.375	0.000	90	145209	20.0	21.3	
120 Ethylene Dibromide	107	10.489	10.490	-0.001	99	140025	20.0	20.1	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	84	967322	50.0	50.0	
122 1-Chlorohexane	91	10.947	10.947	0.000	97	159047	20.0	16.5	
132 Chlorobenzene	112	10.961	10.962	-0.001	97	394809	20.0	20.3	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	95	162720	20.0	22.4	
135 Ethylbenzene	91	11.054	11.054	0.000	97	615836	20.0	17.9	
137 m-Xylene & p-Xylene	106	11.176	11.169	0.007	99	509919	40.0	37.7	
139 o-Xylene	106	11.505	11.505	0.000	96	259271	20.0	18.4	
140 Styrene	104	11.526	11.526	0.000	95	408286	20.0	18.4	
141 Bromoform	173	11.683	11.684	-0.001	97	115779	20.0	23.1	
142 Isopropylbenzene	105	11.819	11.812	0.007	95	700611	20.0	20.7	
\$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.963	-0.001	92	471993	50.0	47.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
147 1,1,2,2-Tetrachloroethane	83	12.062	12.063	-0.001	94	267849	20.0	17.9	
149 Bromobenzene	156	12.077	12.077	0.000	96	187121	20.0	19.1	
148 trans-1,4-Dichloro-2-butene	53	12.084	12.084	0.000	92	273654	100.0	65.3	
150 1,2,3-Trichloropropane	110	12.105	12.106	-0.001	82	85258	20.0	19.2	
151 N-Propylbenzene	91	12.148	12.148	0.000	98	811784	20.0	16.5	
152 2-Chlorotoluene	126	12.227	12.227	0.000	98	184867	20.0	17.9	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	95	623552	20.0	16.2	
154 4-Chlorotoluene	126	12.320	12.320	0.000	96	187377	20.0	18.8	
156 tert-Butylbenzene	134	12.534	12.535	-0.001	92	131485	20.0	17.9	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	97	640803	20.0	16.2	
159 sec-Butylbenzene	105	12.699	12.699	0.000	94	831403	20.0	17.0	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	98	398432	20.0	19.8	
161 4-Isopropyltoluene	119	12.813	12.806	0.007	97	725058	20.0	16.9	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	94	663625	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.870	12.871	-0.001	95	410693	20.0	19.8	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	97	733186	20.0	17.0	
168 Benzyl chloride	91	12.949	12.949	0.000	98	526473	20.0	17.7	
169 1,3-Diethylbenzene	119	13.013	13.014	-0.001	95	447294	20.0	17.8	
170 p-Diethylbenzene	119	13.085	13.085	0.000	96	477568	20.0	17.9	
171 n-Butylbenzene	92	13.106	13.107	-0.001	97	361574	20.0	16.9	
172 1,2-Dichlorobenzene	146	13.128	13.128	0.000	99	442299	20.0	20.6	
173 o-diethylbenzene	119	13.156	13.157	-0.001	93	406534	20.0	18.2	
176 1,2-Dibromo-3-Chloropropane	75	13.678	13.679	-0.001	89	84844	20.0	17.8	
177 1,3,5-Trichlorobenzene	180	13.814	13.814	0.000	98	351862	20.0	20.0	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	94	352788	20.0	19.5	
180 Hexachlorobutadiene	225	14.315	14.322	-0.007	99	140834	20.0	18.5	
181 Naphthalene	128	14.415	14.415	0.000	96	1249773	20.0	17.9	
182 1,2,3-Trichlorobenzene	180	14.558	14.558	0.000	96	356195	20.0	18.8	
183 2-Methylnaphthalene	142	15.166	15.166	0.000	93	622449	20.0	15.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LCS_Gases_00272	Amount Added: 50.00	Units: uL	
MSV_LCS_VOC#1_00244	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00252	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00249	Amount Added: 50.00	Units: uL	
MSV_HP20_ISSS_00169	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 14-Oct-2025 12:46:34

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X53.D

Injection Date: 13-Oct-2025 23:31:30

Instrument ID: 9355

Operator ID: KEL87800

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

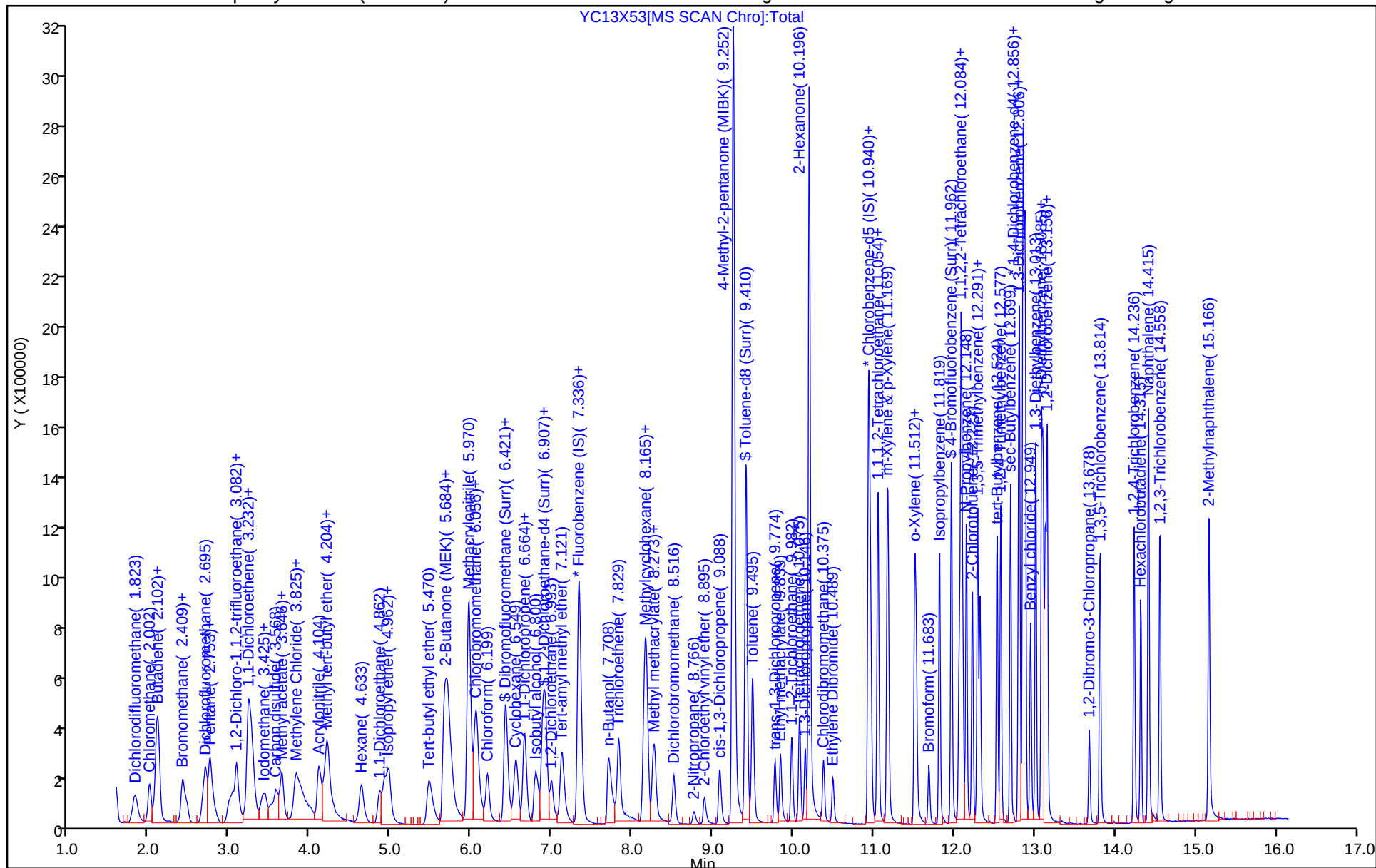
ALS Bottle#: 3

Method: MSVoa_9355

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X53.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 13-Oct-2025 23:31:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163047-004
Operator ID: KEL87800 Instrument ID: 9355
Method: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 14-Oct-2025 12:46:07 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1602

First Level Reviewer: N9NA

Date: 14-Oct-2025 12:46:33

Compound	Amount Added	Amount Recovered	% Rec.
\$ 54 Dibromofluoromethane (Surr)	50.0	52.2	104.47
\$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	52.4	104.88
\$ 83 Toluene-d8 (Surr)	50.0	49.5	99.03
\$ 145 4-Bromofluorobenzene (Surr)	50.0	47.3	94.62

Eurofins Lancaster Laboratories Environment Testing, LLC

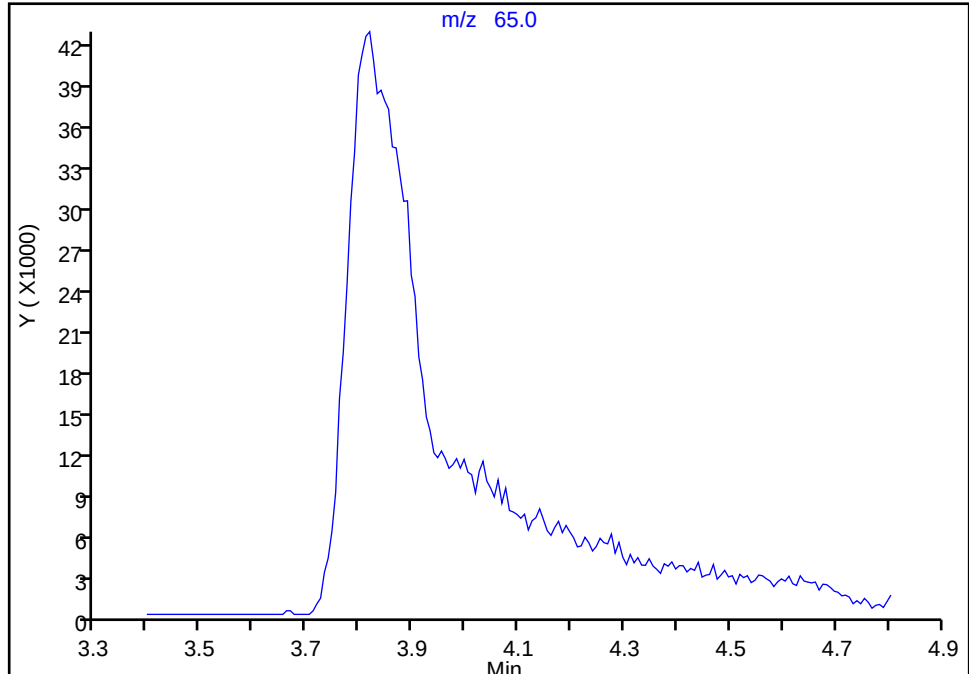
Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X53.D
Injection Date: 13-Oct-2025 23:31:30 Instrument ID: 9355
Lims ID: LCS
Client ID:
Operator ID: KEL87800 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 28 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

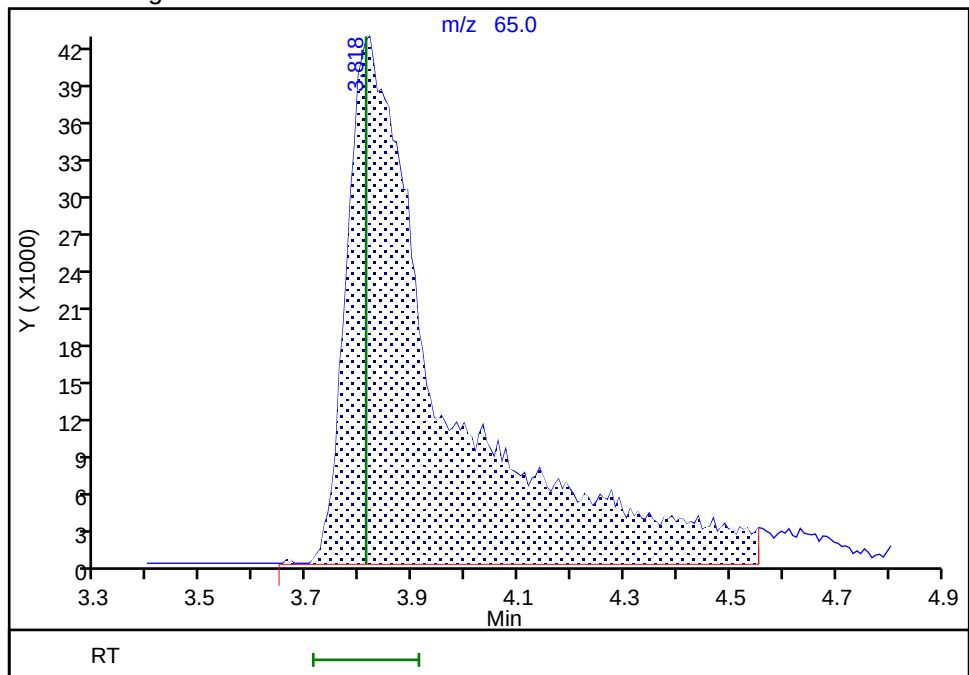
Not Detected
Expected RT: 3.81

Processing Integration Results



RT: 3.82
Area: 556987
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: S8BP, 13-Oct-2025 23:56:10 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCSD 410-713392/5

Matrix: Water

Lab File ID: YC13X54.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/13/2025 23:54

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 713392

Units: ug/L

Preparation Batch No.:

Instrument ID: 9355

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	21.1		1.0	0.30
71-55-6	1,1,1-Trichloroethane	20.0		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	17.5		1.0	0.30
79-00-5	1,1,2-Trichloroethane	19.3		1.0	0.30
75-34-3	1,1-Dichloroethane	19.1		1.0	0.30
75-35-4	1,1-Dichloroethene	21.6		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	19.1		1.0	0.20
107-06-2	1,2-Dichloroethane	19.1		1.0	0.30
78-87-5	1,2-Dichloropropane	17.2		1.0	0.30
78-93-3	2-Butanone (MEK)	201		10	1.0
591-78-6	2-Hexanone	221		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	211		10	0.50
67-64-1	Acetone	256		20	0.70
71-43-2	Benzene	18.4		1.0	0.30
74-97-5	Bromochloromethane	22.0		5.0	0.20
75-27-4	Bromodichloromethane	18.7		1.0	0.20
75-25-2	Bromoform	22.2		4.0	1.0
74-83-9	Bromomethane	19.0		1.0	0.30
75-15-0	Carbon disulfide	22.1		5.0	0.30
56-23-5	Carbon tetrachloride	20.9		1.0	0.30
108-90-7	Chlorobenzene	19.4		1.0	0.30
75-00-3	Chloroethane	17.7		1.0	0.30
67-66-3	Chloroform	19.2		1.0	0.30
74-87-3	Chloromethane	17.7		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	19.4		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	16.3		1.0	0.20
124-48-1	Dibromochloromethane	20.8		1.0	0.20
100-41-4	Ethylbenzene	17.4		1.0	0.40
1634-04-4	Methyl tert-butyl ether	17.0		1.0	0.20
75-09-2	Methylene Chloride	21.2		1.0	0.30
100-42-5	Styrene	17.7		5.0	0.30
127-18-4	Tetrachloroethene	20.4		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 410-713392/5

Matrix: Water Lab File ID: YC13X54.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2025 23:54

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 713392 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 9355

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	18.3		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	20.4		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	16.6		1.0	0.20
79-01-6	Trichloroethene	19.0		1.0	0.30
75-01-4	Vinyl chloride	19.1		1.0	0.30
1330-20-7	Xylenes, Total	54.2		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		80-120
460-00-4	4-Bromofluorobenzene (Surr)	94		80-120
1868-53-7	Dibromofluoromethane (Surr)	104		80-120
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X54.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 13-Oct-2025 23:54:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0163047-005
 Operator ID: KEL87800 Instrument ID: 9355
 Method: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\MSVoa_9355.m
 Limit Group: MSV - 8260C_D
 Last Update: 13-Oct-2025 23:46:30 Calib Date: 27-Jun-2025 19:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1602

First Level Reviewer: N9NA

Date: 14-Oct-2025 12:46:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.809	1.816	-0.007	99	266403	20.0	23.1	
6 Chloromethane	50	1.995	1.995	0.000	98	256050	20.0	17.7	
8 Butadiene	39	2.095	2.088	0.007	92	292881	20.0	22.7	
7 Vinyl chloride	62	2.095	2.095	0.000	98	256248	20.0	19.1	
10 Bromomethane	94	2.410	2.410	0.000	91	178549	20.0	19.0	
11 Chloroethane	64	2.452	2.460	-0.008	100	118338	20.0	17.7	
12 Dichlorofluoromethane	67	2.688	2.696	-0.008	97	358903	20.0	17.5	
13 Pentane	43	2.753	2.753	0.000	98	206475	20.0	16.3	
14 Trichlorofluoromethane	101	2.753	2.753	0.000	89	235372	20.0	16.8	
17 1,2-Dichloro-1,1,2-trifluoroethane	67	3.010	3.010	0.000	91	164357	20.0	17.3	
18 Acrolein	56	3.082	3.082	0.000	99	362405	146.3	163.7	
19 1,1-Dichloroethene	96	3.232	3.225	0.007	94	137629	20.0	21.6	
20 Acetone	58	3.225	3.232	-0.007	100	312137	250.0	256.3	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.268	3.268	0.000	91	153772	20.0	18.5	
22 Isopropyl alcohol	45	3.375	3.382	-0.007	96	170244	150.0	83.3	M
23 Iodomethane	142	3.425	3.432	-0.007	98	266887	20.0	20.9	
24 Carbon disulfide	76	3.575	3.568	0.007	99	511595	20.0	22.1	M
26 Methyl acetate	43	3.618	3.618	0.000	97	159023	20.0	18.8	M
27 3-Chloro-1-propene	41	3.647	3.647	0.000	85	164300	20.0	14.9	
* 28 t-Butyl alcohol-d10 (IS)	65	3.804	3.811	-0.007	97	574101	250.0	250.0	
29 Methylene Chloride	84	3.832	3.818	0.014	89	157695	20.0	21.2	
30 2-Methyl-2-propanol	59	3.925	3.919	0.006	100	354180	200.0	153.1	M
31 Acrylonitrile	53	4.104	4.097	0.007	99	410540	100.0	85.6	
32 Methyl tert-butyl ether	73	4.197	4.183	0.014	94	441215	20.0	17.0	
33 trans-1,2-Dichloroethene	96	4.211	4.205	0.006	99	129359	20.0	20.4	
35 Hexane	57	4.626	4.634	-0.008	92	160442	20.0	15.4	
37 1,1-Dichloroethane	63	4.855	4.855	0.000	96	218542	20.0	19.1	
38 Isopropyl ether	45	4.919	4.920	-0.001	91	365128	20.0	15.4	
39 2-Chloro-1,3-butadiene	53	4.969	4.970	-0.001	89	158240	20.0	15.4	
41 Tert-butyl ethyl ether	59	5.470	5.470	0.000	96	371518	20.0	15.0	
42 2-Butanone (MEK)	43	5.663	5.670	-0.007	98	1395468	250.0	201.0	
43 cis-1,2-Dichloroethene	96	5.706	5.706	0.000	79	144511	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
44 2,2-Dichloropropane	77	5.720	5.728	-0.008	71	219755	20.0	19.0	
45 Propionitrile	54	5.749	5.742	0.007	99	263768	150.0	132.9	
48 Methacrylonitrile	67	5.963	5.971	-0.008	90	647068	150.0	135.3	
50 Chlorobromomethane	128	6.042	6.042	0.000	91	81161	20.0	22.0	
51 Tetrahydrofuran	71	6.063	6.064	-0.001	90	171324	100.0	99.8	
53 Chloroform	83	6.199	6.199	0.000	92	220760	20.0	19.2	
\$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	93	334977	50.0	52.0	
55 1,1,1-Trichloroethane	97	6.435	6.435	0.000	98	227850	20.0	20.0	
56 Cyclohexane	56	6.557	6.557	0.000	89	225107	20.0	15.2	
57 1,1-Dichloropropene	75	6.657	6.657	0.000	96	168434	20.0	17.9	
58 Carbon tetrachloride	117	6.664	6.664	0.000	90	195109	20.0	20.9	
59 Isobutyl alcohol	41	6.800	6.793	0.007	93	288838	500.0	376.4	
\$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.886	6.886	0.000	99	82512	50.0	50.4	
61 Benzene	78	6.921	6.922	-0.001	97	522847	20.0	18.4	
62 1,2-Dichloroethane	62	6.993	6.993	0.000	97	176576	20.0	19.1	
64 Tert-amyl methyl ether	73	7.122	7.122	0.000	99	402838	20.0	16.7	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1355212	50.0	50.0	
66 n-Heptane	43	7.365	7.358	0.007	89	139349	20.0	13.4	
67 n-Butanol	56	7.708	7.715	-0.007	90	505327	1000.0	883.8	
69 Trichloroethene	95	7.829	7.830	-0.001	96	138008	20.0	19.0	
71 Methylcyclohexane	83	8.151	8.151	0.000	90	242422	20.0	16.3	
72 1,2-Dichloropropane	63	8.166	8.159	0.007	91	132006	20.0	17.2	
73 2-ethoxy-2-methyl butane	87	8.180	8.180	0.000	96	203779	20.0	17.8	
74 Methyl methacrylate	69	8.251	8.252	-0.001	90	112083	20.0	15.3	M
75 1,4-Dioxane	88	8.258	8.259	-0.001	48	97874	500.0	497.7	
76 Dibromomethane	93	8.273	8.273	0.000	96	96304	20.0	19.7	
78 Dichlorobromomethane	83	8.516	8.516	0.000	99	162574	20.0	18.7	
79 2-Nitropropane	41	8.759	8.759	0.000	100	47569	20.0	16.8	
80 2-Chloroethyl vinyl ether	63	8.895	8.888	0.007	92	74368	20.0	15.0	
81 cis-1,3-Dichloropropene	75	9.088	9.081	0.007	97	189863	20.0	16.3	
82 4-Methyl-2-pentanone (MIBK)	43	9.252	9.253	-0.001	96	2842853	250.0	210.8	
\$ 83 Toluene-d8 (Surr)	98	9.410	9.410	0.000	93	1325589	50.0	48.9	
95 Toluene	92	9.495	9.496	-0.001	98	321557	20.0	18.3	
96 trans-1,3-Dichloropropene	75	9.774	9.767	0.007	91	177280	20.0	16.6	
97 Ethyl methacrylate	69	9.839	9.839	0.000	88	182247	20.0	14.7	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	90	132166	20.0	19.3	
114 Tetrachloroethene	166	10.082	10.075	0.007	96	147899	20.0	20.4	
115 1,3-Dichloropropane	76	10.146	10.146	0.000	89	204841	20.0	18.3	
117 2-Hexanone	43	10.196	10.196	0.000	95	2080003	250.0	220.5	
119 Chlorodibromomethane	129	10.375	10.375	0.000	89	147000	20.0	20.8	
120 Ethylene Dibromide	107	10.489	10.490	-0.001	99	138087	20.0	19.1	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	84	1004530	50.0	50.0	
122 1-Chlorohexane	91	10.947	10.947	0.000	96	160943	20.0	16.1	
132 Chlorobenzene	112	10.961	10.962	-0.001	97	393253	20.0	19.4	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	95	158932	20.0	21.1	
135 Ethylbenzene	91	11.054	11.054	0.000	97	622302	20.0	17.4	
137 m-Xylene & p-Xylene	106	11.176	11.169	0.007	99	511172	40.0	36.4	
139 o-Xylene	106	11.512	11.505	0.007	95	260598	20.0	17.8	
140 Styrene	104	11.526	11.526	0.000	95	407302	20.0	17.7	
141 Bromoform	173	11.683	11.684	-0.001	96	115381	20.0	22.2	
142 Isopropylbenzene	105	11.819	11.812	0.007	95	688384	20.0	19.5	
\$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.963	-0.001	91	489299	50.0	47.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
147 1,1,2,2-Tetrachloroethane	83	12.062	12.063	-0.001	94	268832	20.0	17.5	
149 Bromobenzene	156	12.077	12.077	0.000	96	180788	20.0	17.9	
148 trans-1,4-Dichloro-2-butene	53	12.084	12.084	0.000	91	272999	100.0	63.3	
150 1,2,3-Trichloropropane	110	12.105	12.106	-0.001	82	82671	20.0	18.1	
151 N-Propylbenzene	91	12.148	12.148	0.000	98	802260	20.0	15.9	
152 2-Chlorotoluene	126	12.227	12.227	0.000	98	182640	20.0	17.2	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	94	627804	20.0	15.9	
154 4-Chlorotoluene	126	12.320	12.320	0.000	97	186142	20.0	18.1	
156 tert-Butylbenzene	134	12.534	12.535	-0.001	92	127065	20.0	16.8	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	97	637713	20.0	15.6	
159 sec-Butylbenzene	105	12.699	12.699	0.000	93	808933	20.0	16.1	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	98	390901	20.0	18.9	
161 4-Isopropyltoluene	119	12.813	12.806	0.007	97	713246	20.0	16.2	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	96	683234	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.870	12.871	-0.001	95	401111	20.0	18.8	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	98	713933	20.0	16.1	
168 Benzyl chloride	91	12.949	12.949	0.000	98	515785	20.0	16.8	
169 1,3-Diethylbenzene	119	13.013	13.014	-0.001	96	431946	20.0	16.7	
170 p-Diethylbenzene	119	13.085	13.085	0.000	95	465296	20.0	16.9	
171 n-Butylbenzene	92	13.106	13.107	-0.001	97	357402	20.0	16.2	
172 1,2-Dichlorobenzene	146	13.135	13.128	0.007	99	433015	20.0	19.6	
173 o-diethylbenzene	119	13.156	13.157	-0.001	93	404910	20.0	17.6	
176 1,2-Dibromo-3-Chloropropane	75	13.678	13.679	-0.001	88	85126	20.0	17.3	
177 1,3,5-Trichlorobenzene	180	13.814	13.814	0.000	97	330761	20.0	18.3	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	95	331569	20.0	17.8	
180 Hexachlorobutadiene	225	14.322	14.322	0.000	98	130143	20.0	16.6	
181 Naphthalene	128	14.415	14.415	0.000	96	1194226	20.0	16.7	
182 1,2,3-Trichlorobenzene	180	14.558	14.558	0.000	96	334609	20.0	17.1	
183 2-Methylnaphthalene	142	15.166	15.166	0.000	92	542138	20.0	13.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_Gases_00272	Amount Added: 50.00	Units: uL	
MSV_LCS_VOC#1_00244	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00252	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00249	Amount Added: 50.00	Units: uL	
MSV_HP20_ISSS_00169	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 14-Oct-2025 12:46:56

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X54.D

Injection Date: 13-Oct-2025 23:54:30

Instrument ID: 9355

Operator ID: KEL87800

Lims ID: LCSD

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

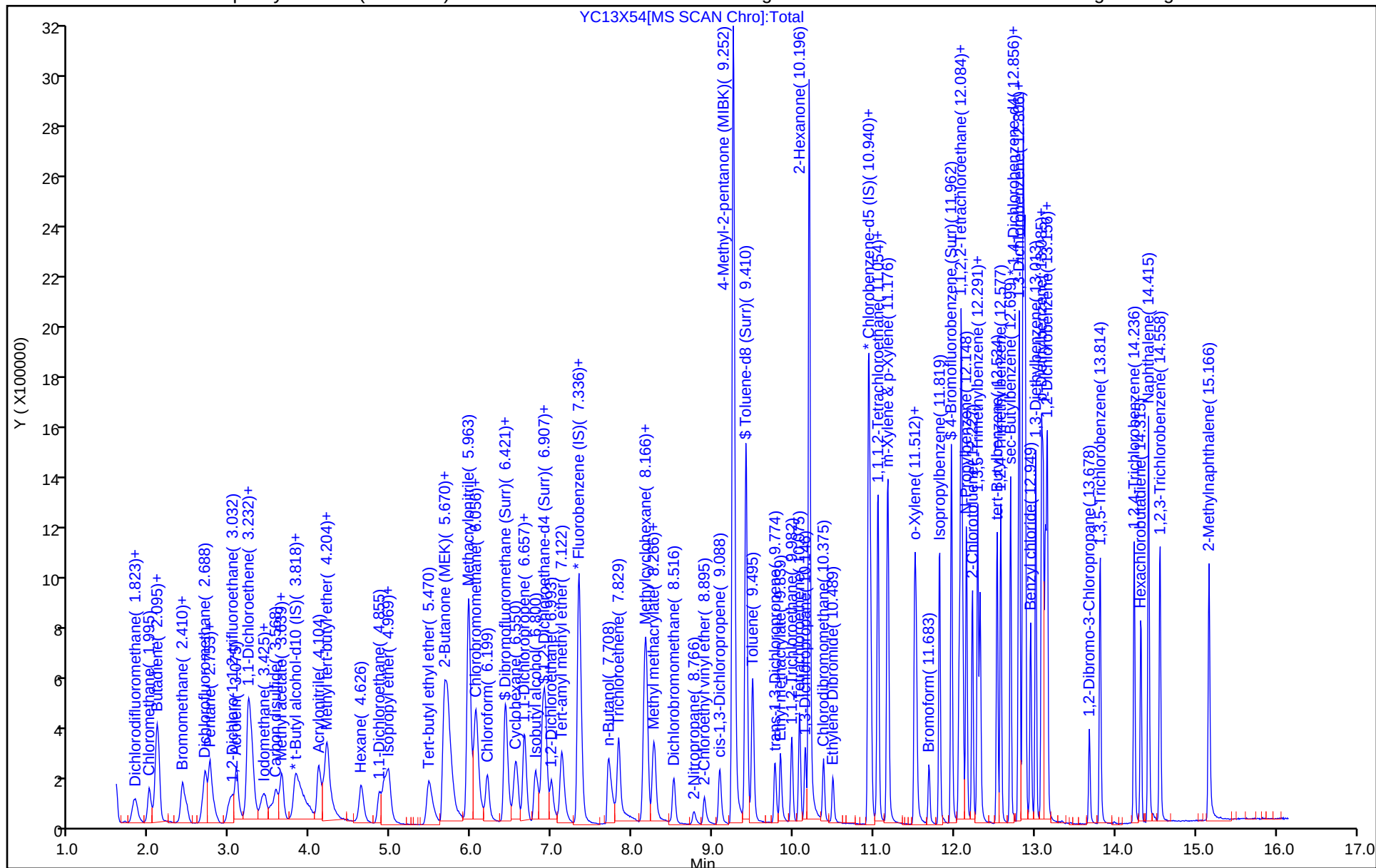
ALS Bottle#: 4

Method: MSVoa_9355

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X54.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 13-Oct-2025 23:54:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163047-005
Operator ID: KEL87800 Instrument ID: 9355
Method: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 13-Oct-2025 23:46:30 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1602

First Level Reviewer: N9NA

Date: 14-Oct-2025 12:46:56

Compound	Amount Added	Amount Recovered	% Rec.
\$ 54 Dibromofluoromethane (Surr)	50.0	52.0	104.04
\$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	50.4	100.86
\$ 83 Toluene-d8 (Surr)	50.0	48.9	97.89
\$ 145 4-Bromofluorobenzene (Surr)	50.0	47.2	94.46

Eurofins Lancaster Laboratories Environment Testing, LLC

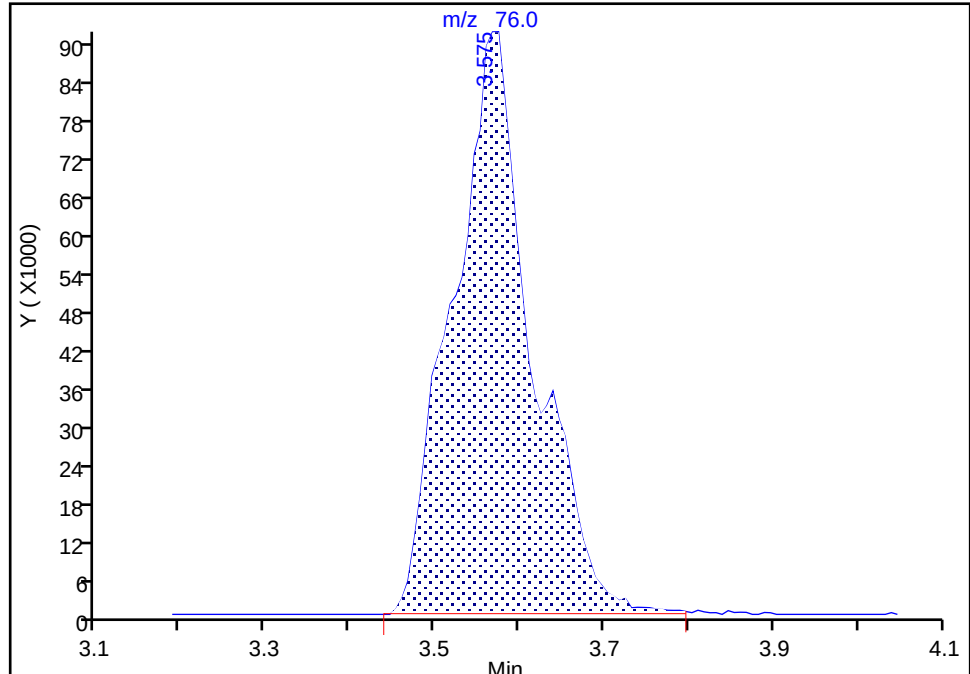
Data File: \\chromfs\Lancaster\ChromData\9355\20251013-163047.b\YC13X54.D
Injection Date: 13-Oct-2025 23:54:30 Instrument ID: 9355
Lims ID: LCSD
Client ID:
Operator ID: KEL87800 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

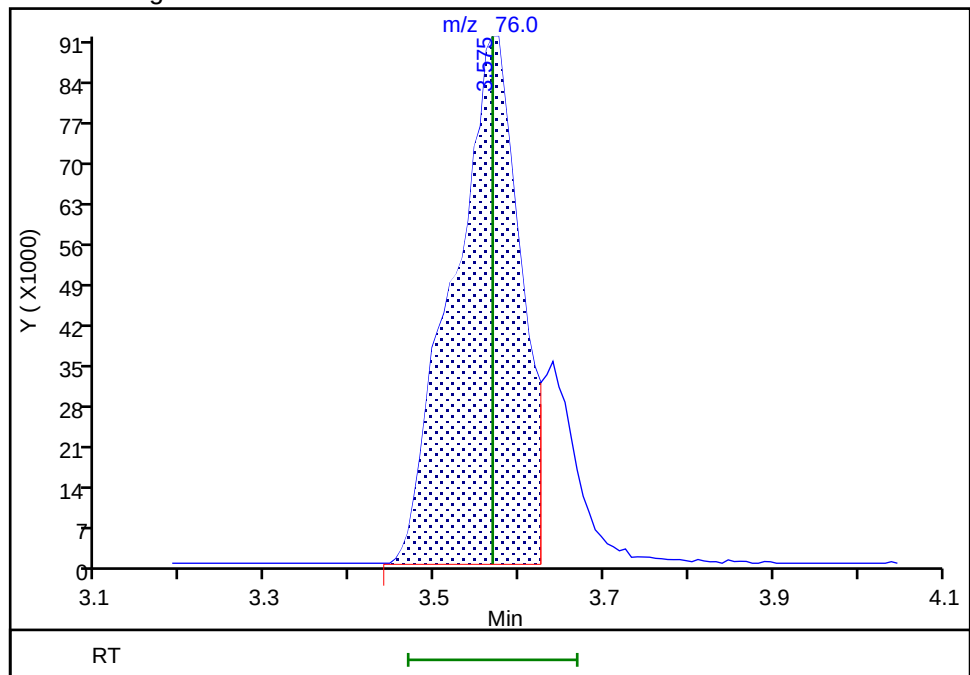
RT: 3.58
Area: 604248
Amount: 26.054637
Amount Units: ug/l

Processing Integration Results



RT: 3.58
Area: 511595
Amount: 22.059522
Amount Units: ug/l

Manual Integration Results



Reviewer: S8BP, 14-Oct-2025 00:21:14 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID: HD-MW-67S-0/1-0 MS MS

Lab Sample ID: 410-244867-2 MS

Matrix: Water

Lab File ID: FC12X70.D

Analysis Method: 8260D

Date Collected: 09/30/2025 13:35

Sample wt/vol: 5 (mL)

Date Analyzed: 10/13/2025 03:36

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712734

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	20.6		1.0	0.30
71-55-6	1,1,1-Trichloroethane	28.0		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	20.4		1.0	0.30
79-00-5	1,1,2-Trichloroethane	20.7		1.0	0.30
75-34-3	1,1-Dichloroethane	23.2		1.0	0.30
75-35-4	1,1-Dichloroethene	21.5		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	20.7		1.0	0.20
107-06-2	1,2-Dichloroethane	22.4		1.0	0.30
78-87-5	1,2-Dichloropropane	21.9		1.0	0.30
78-93-3	2-Butanone (MEK)	262		10	1.0
591-78-6	2-Hexanone	326		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	312		10	0.50
67-64-1	Acetone	248		20	0.70
71-43-2	Benzene	22.1		1.0	0.30
74-97-5	Bromochloromethane	21.1		5.0	0.20
75-27-4	Bromodichloromethane	20.2		1.0	0.20
75-25-2	Bromoform	17.9		4.0	1.0
74-83-9	Bromomethane	18.8		1.0	0.30
75-15-0	Carbon disulfide	21.8		5.0	0.30
56-23-5	Carbon tetrachloride	23.6		1.0	0.30
108-90-7	Chlorobenzene	21.0		1.0	0.30
75-00-3	Chloroethane	20.4		1.0	0.30
67-66-3	Chloroform	24.0		1.0	0.30
74-87-3	Chloromethane	18.6		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	21.5		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	16.8		1.0	0.20
124-48-1	Dibromochloromethane	19.4		1.0	0.20
100-41-4	Ethylbenzene	22.5		1.0	0.40
1634-04-4	Methyl tert-butyl ether	20.1		1.0	0.20
75-09-2	Methylene Chloride	21.8		1.0	0.30
100-42-5	Styrene	20.4		5.0	0.30
127-18-4	Tetrachloroethene	22.1		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-67S-0/1-0 MS MS Lab Sample ID: 410-244867-2 MS

Matrix: Water Lab File ID: FC12X70.D

Analysis Method: 8260D Date Collected: 09/30/2025 13:35

Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2025 03:36

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 712734 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	21.6		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	22.1		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	18.7		1.0	0.20
79-01-6	Trichloroethene	22.8		1.0	0.30
75-01-4	Vinyl chloride	19.8		1.0	0.30
1330-20-7	Xylenes, Total	64.0		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	105		80-120
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X70.D
 Lims ID: 410-244867-A-2 MS
 Client ID: HD-MW-67S-0/1-0 MS
 Sample Type: MS
 Inject. Date: 13-Oct-2025 03:36:18 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162872-019
 Operator ID: AGD105956 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 13-Oct-2025 14:19:04 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1602

First Level Reviewer: UCB5

Date: 13-Oct-2025 13:52:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.936	1.936	0.000	98	514721	20.0	18.5	
4 Chloromethane	50	2.129	2.129	0.000	99	645803	20.0	18.6	
5 Vinyl chloride	62	2.239	2.242	-0.003	98	605335	20.0	19.8	
6 Butadiene	39	2.261	2.261	0.000	97	1040848	20.0	29.0	
8 Bromomethane	94	2.586	2.589	-0.003	91	331833	20.0	18.8	
9 Chloroethane	64	2.682	2.676	0.006	100	335877	20.0	20.4	
10 Dichlorofluoromethane	67	2.923	2.923	0.000	97	842443	20.0	20.8	
11 Trichlorofluoromethane	101	2.978	2.985	-0.007	85	502976	20.0	16.3	
12 Pentane	43	3.017	3.017	0.000	96	672480	20.0	23.2	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.345	3.341	0.004	95	477271	20.0	21.6	
16 Acrolein	56	3.415	3.415	0.000	100	1004696	146.3	128.8	
17 1,1-Dichloroethene	96	3.554	3.554	0.000	95	354002	20.0	21.5	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.586	3.579	0.007	73	348975	20.0	21.1	
19 Acetone	58	3.602	3.595	0.007	99	1078591	250.0	248.3	
21 Iodomethane	142	3.756	3.766	-0.010	98	515574	20.0	19.1	
22 Isopropyl alcohol	45	3.792	3.798	-0.006	98	485511	150.0	116.1	
23 Carbon disulfide	76	3.866	3.862	0.004	100	1053029	20.0	21.8	
24 Methyl acetate	43	4.020	4.020	0.000	98	517173	20.0	24.0	
25 3-Chloro-1-propene	41	4.033	4.033	0.000	89	518747	20.0	22.6	
26 Methylene Chloride	84	4.235	4.239	-0.004	98	362018	20.0	21.8	
* 27 t-Butyl alcohol-d10 (IS)	65	4.290	4.274	0.016	99	1912847	250.0	250.0	
28 2-Methyl-2-propanol	59	4.412	4.415	-0.003	96	1363983	200.0	208.0	
31 Acrylonitrile	53	4.592	4.589	0.003	100	1357661	100.0	107.6	
32 trans-1,2-Dichloroethene	96	4.640	4.640	0.000	96	327220	20.0	22.1	
33 Methyl tert-butyl ether	73	4.640	4.650	-0.010	92	750717	20.0	20.1	
34 Hexane	57	5.078	5.075	0.003	95	319544	20.0	21.7	
35 1,1-Dichloroethane	63	5.312	5.316	-0.004	97	615838	20.0	23.2	
36 Isopropyl ether	45	5.386	5.390	-0.004	95	836904	20.0	20.6	
37 2-Chloro-1,3-butadiene	53	5.428	5.425	0.003	93	457899	20.0	22.0	
39 Tert-butyl ethyl ether	59	5.920	5.927	-0.007	95	655275	20.0	19.3	
41 2-Butanone (MEK)	43	6.139	6.148	-0.009	100	4138071	250.0	261.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 cis-1,2-Dichloroethene	96	6.161	6.165	-0.004	84	351991	20.0	21.5	
43 2,2-Dichloropropane	77	6.184	6.177	0.007	88	470137	20.0	23.1	
44 Propionitrile	54	6.251	6.248	0.003	99	899616	150.0	165.1	
45 Methacrylonitrile	67	6.454	6.457	-0.003	92	1446793	150.0	161.7	
46 Chlorobromomethane	128	6.499	6.492	0.007	96	164048	20.0	21.1	
47 Tetrahydrofuran	71	6.518	6.512	0.006	85	443269	100.0	106.3	
48 Chloroform	83	6.647	6.650	-0.003	94	577201	20.0	24.0	
\$ 49 Dibromofluoromethane (Surr)	113	6.865	6.862	0.003	92	704237	50.0	52.3	
50 1,1,1-Trichloroethane	97	6.872	6.875	-0.003	97	575043	20.0	28.0	
51 Cyclohexane	56	6.959	6.968	-0.009	94	566551	20.0	24.2	
52 1,1-Dichloropropene	75	7.081	7.084	-0.003	92	386792	20.0	22.0	
53 Carbon tetrachloride	117	7.081	7.084	-0.003	91	406837	20.0	23.6	
56 Isobutyl alcohol	41	7.277	7.271	0.006	93	1054507	500.0	525.5	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.322	7.328	-0.006	99	182342	50.0	51.9	
58 Benzene	78	7.351	7.354	-0.003	97	1216184	20.0	22.1	
59 1,2-Dichloroethane	62	7.425	7.425	0.000	97	382327	20.0	22.4	
60 Tert-amyl methyl ether	73	7.550	7.547	0.003	94	669937	20.0	20.3	
* 61 Fluorobenzene (IS)	96	7.756	7.759	-0.003	97	2496399	50.0	50.0	
62 n-Heptane	43	7.769	7.772	-0.003	46	294099	20.0	23.7	
63 n-Butanol	56	8.148	8.152	-0.004	93	1285007	1000.0	962.0	
64 Trichloroethene	95	8.235	8.238	-0.003	98	283859	20.0	22.8	
65 Methylcyclohexane	83	8.550	8.553	-0.003	92	429260	20.0	22.7	
66 1,2-Dichloropropane	63	8.579	8.576	0.003	94	288686	20.0	21.9	
67 2-ethoxy-2-methyl butane	87	8.595	8.589	0.006	92	338570	20.0	20.4	
68 Methyl methacrylate	69	8.669	8.669	0.000	94	206198	20.0	20.3	
70 1,4-Dioxane	88	8.669	8.676	-0.007	49	177006	500.0	416.5	
69 Dibromomethane	93	8.682	8.689	-0.007	93	164917	20.0	20.4	
72 Dichlorobromomethane	83	8.923	8.930	-0.007	98	294970	20.0	20.2	
73 2-Nitropropane	41	9.216	9.213	0.003	97	115565	20.0	21.1	
74 2-Chloroethyl vinyl ether	63		9.293				20.0	ND	7
76 cis-1,3-Dichloropropene	75	9.473	9.473	0.000	93	265416	20.0	16.8	
78 4-Methyl-2-pentanone (MIBK)	43	9.660	9.660	0.000	98	7766966	250.0	312.0	
\$ 79 Toluene-d8 (Surr)	98	9.778	9.779	-0.001	94	2483272	50.0	54.0	
80 Toluene	92	9.859	9.859	0.000	98	639894	20.0	21.6	
105 trans-1,3-Dichloropropene	75	10.119	10.116	0.003	96	247432	20.0	18.7	
106 Ethyl methacrylate	69	10.180	10.180	0.000	92	294971	20.0	19.5	
107 1,1,2-Trichloroethane	97	10.319	10.322	-0.003	92	204839	20.0	20.7	
108 Tetrachloroethene	166	10.402	10.402	0.000	92	258685	20.0	22.1	
109 1,3-Dichloropropane	76	10.483	10.483	0.000	97	336259	20.0	20.8	
110 2-Hexanone	43	10.541	10.544	-0.004	99	5601300	250.0	325.9	
111 Chlorodibromomethane	129	10.695	10.695	0.000	90	200528	20.0	19.4	
112 Ethylene Dibromide	107	10.804	10.804	0.000	98	195895	20.0	20.7	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	88	1624186	50.0	50.0	
114 1-Chlorohexane	91	11.248	11.248	0.000	89	276534	20.0	21.5	
115 Chlorobenzene	112	11.264	11.264	0.000	93	648437	20.0	21.0	
117 1,1,1,2-Tetrachloroethane	131	11.348	11.348	0.000	94	242946	20.0	20.6	
118 Ethylbenzene	91	11.351	11.351	0.000	99	1192347	20.0	22.5	
119 m-Xylene & p-Xylene	106	11.470	11.467	0.003	99	909673	40.0	43.7	
120 o-Xylene	106	11.798	11.798	0.000	97	435842	20.0	20.3	
121 Styrene	104	11.814	11.811	0.003	95	646260	20.0	20.4	
122 Bromoform	173	11.968	11.965	0.003	95	129963	20.0	17.9	
123 Isopropylbenzene	105	12.100	12.100	0.000	97	1107613	20.0	22.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	84	823137	50.0	49.6	
127 1,1,2,2-Tetrachloroethane	83	12.348	12.348	0.000	94	420375	20.0	20.4	
128 Bromobenzene	156	12.360	12.357	0.003	94	239615	20.0	18.9	
129 trans-1,4-Dichloro-2-butene	53	12.373	12.373	0.000	88	384691	100.0	82.7	
130 1,2,3-Trichloropropane	110	12.393	12.393	0.000	85	133532	20.0	19.7	
131 N-Propylbenzene	91	12.431	12.428	0.003	99	1403163	20.0	23.5	
132 2-Chlorotoluene	126	12.508	12.505	0.003	96	265622	20.0	20.6	
133 1,3,5-Trimethylbenzene	105	12.566	12.566	0.000	94	891754	20.0	20.7	
134 4-Chlorotoluene	126	12.598	12.598	0.000	98	254173	20.0	21.2	
135 tert-Butylbenzene	134	12.814	12.811	0.003	95	137769	20.0	16.5	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	98	893729	20.0	20.6	
137 sec-Butylbenzene	105	12.974	12.975	-0.001	95	1030363	20.0	21.2	
138 1,3-Dichlorobenzene	146	13.074	13.071	0.003	97	460498	20.0	20.2	
139 4-Isopropyltoluene	119	13.084	13.081	0.003	97	840980	20.0	20.1	
* 140 1,4-Dichlorobenzene-d4	152	13.126	13.126	0.000	96	950066	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.145	13.145	0.000	94	465767	20.0	19.9	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	99	980292	20.0	22.3	
143 Benzyl chloride	91	13.225	13.222	0.003	99	611407	20.0	19.1	
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	94	502174	20.0	20.6	
145 p-Diethylbenzene	119	13.357	13.354	0.003	92	533048	20.0	20.5	
146 n-Butylbenzene	92	13.376	13.373	0.003	98	460399	20.0	22.4	
147 1,2-Dichlorobenzene	146	13.409	13.409	0.000	96	489647	20.0	20.0	
148 o-diethylbenzene	119	13.431	13.428	0.003	96	435597	20.0	20.1	
149 1,2-Dibromo-3-Chloropropane	75	13.955	13.952	0.003	77	125732	20.0	18.9	
150 1,3,5-Trichlorobenzene	180	14.081	14.077	0.004	96	269391	20.0	18.6	
151 1,2,4-Trichlorobenzene	180	14.505	14.502	0.003	94	231820	20.0	16.7	
152 Hexachlorobutadiene	225	14.592	14.585	0.007	97	92122	20.0	16.3	
153 Naphthalene	128	14.691	14.688	0.003	97	982642	20.0	16.4	
154 1,2,3-Trichlorobenzene	180	14.836	14.833	0.003	93	252310	20.0	16.8	
155 2-Methylnaphthalene	142	15.482	15.479	0.003	92	396827	20.0	13.7	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_LCS_VOC#1_00243	Amount Added: 21.50	Units: uL	
MSV_LCS_2CEVE_00251	Amount Added: 21.50	Units: uL	
MSV_LCS_Gases_00271	Amount Added: 21.50	Units: uL	
MSV_LCS_ACROL_00248	Amount Added: 21.50	Units: uL	
MSV_Cent_ISSS_00045	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 13-Oct-2025 14:22:30

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X70.D

Injection Date: 13-Oct-2025 03:36:18

Instrument ID: 15830

Operator ID: AGD105956

Lims ID: 410-244867-A-2 MS

Worklist Smp#: 19

Client ID: HD-MW-67S-0/1-0 MS

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

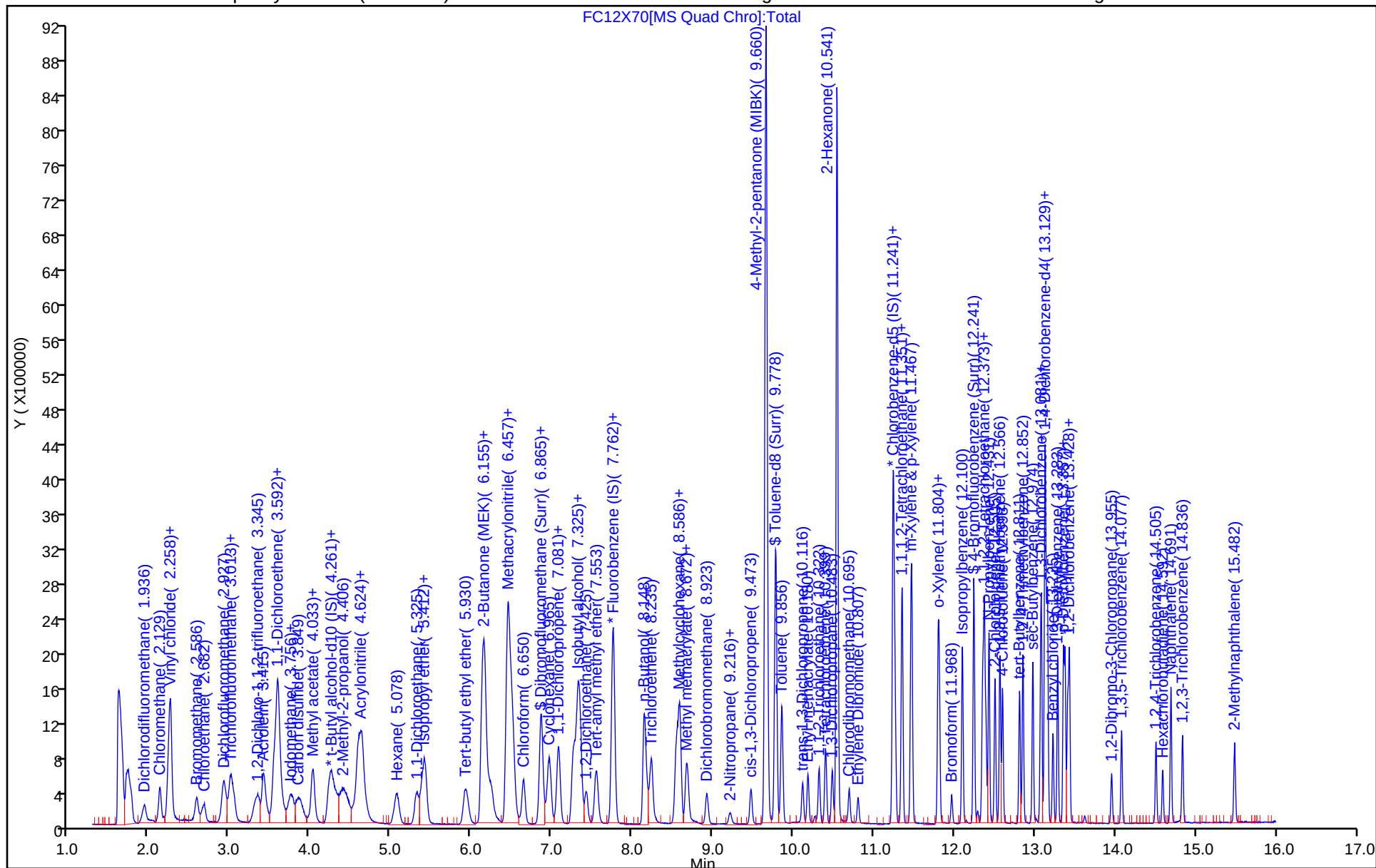
ALS Bottle#: 18

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X70.D
Lims ID: 410-244867-A-2 MS
Client ID: HD-MW-67S-0/1-0 MS
Sample Type: MS
Inject. Date: 13-Oct-2025 03:36:18 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162872-019
Operator ID: AGD105956 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 13-Oct-2025 14:19:04 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1602

First Level Reviewer: UCB5

Date: 13-Oct-2025 13:52:35

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	52.3	104.69
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	51.9	103.84
\$ 79 Toluene-d8 (Surr)	50.0	54.0	107.95
\$ 126 4-Bromofluorobenzene (Surr)	50.0	49.6	99.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID: HD-MW-67S-0/1-0 MSD MSD

Lab Sample ID: 410-244867-2 MSD

Matrix: Water

Lab File ID: FC12X71.D

Analysis Method: 8260D

Date Collected: 09/30/2025 13:35

Sample wt/vol: 5 (mL)

Date Analyzed: 10/13/2025 03:58

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712734

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	20.1		1.0	0.30
71-55-6	1,1,1-Trichloroethane	27.7		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	21.0		1.0	0.30
79-00-5	1,1,2-Trichloroethane	20.6		1.0	0.30
75-34-3	1,1-Dichloroethane	22.6		1.0	0.30
75-35-4	1,1-Dichloroethene	20.6		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	20.4		1.0	0.20
107-06-2	1,2-Dichloroethane	22.3		1.0	0.30
78-87-5	1,2-Dichloropropane	22.0		1.0	0.30
78-93-3	2-Butanone (MEK)	276		10	1.0
591-78-6	2-Hexanone	331		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	318		10	0.50
67-64-1	Acetone	248		20	0.70
71-43-2	Benzene	21.8		1.0	0.30
74-97-5	Bromochloromethane	20.1		5.0	0.20
75-27-4	Bromodichloromethane	20.5		1.0	0.20
75-25-2	Bromoform	17.4		4.0	1.0
74-83-9	Bromomethane	18.8		1.0	0.30
75-15-0	Carbon disulfide	21.5		5.0	0.30
56-23-5	Carbon tetrachloride	22.6		1.0	0.30
108-90-7	Chlorobenzene	20.6		1.0	0.30
75-00-3	Chloroethane	20.1		1.0	0.30
67-66-3	Chloroform	23.0		1.0	0.30
74-87-3	Chloromethane	18.9		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	21.1		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	17.2		1.0	0.20
124-48-1	Dibromochloromethane	18.5		1.0	0.20
100-41-4	Ethylbenzene	22.4		1.0	0.40
1634-04-4	Methyl tert-butyl ether	20.2		1.0	0.20
75-09-2	Methylene Chloride	21.0		1.0	0.30
100-42-5	Styrene	20.6		5.0	0.30
127-18-4	Tetrachloroethene	22.0		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244867-1

SDG No.:

Client Sample ID: HD-MW-67S-0/1-0 MSD MSD

Lab Sample ID: 410-244867-2 MSD

Matrix: Water

Lab File ID: FC12X71.D

Analysis Method: 8260D

Date Collected: 09/30/2025 13:35

Sample wt/vol: 5 (mL)

Date Analyzed: 10/13/2025 03:58

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 712734

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	21.4		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	21.6		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	18.9		1.0	0.20
79-01-6	Trichloroethene	22.8		1.0	0.30
75-01-4	Vinyl chloride	19.8		1.0	0.30
1330-20-7	Xylenes, Total	63.7		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		80-120
460-00-4	4-Bromofluorobenzene (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	103		80-120
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X71.D
 Lims ID: 410-244867-A-2 MSD
 Client ID: HD-MW-67S-0/1-0 MSD
 Sample Type: MSD
 Inject. Date: 13-Oct-2025 03:58:59 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162872-020
 Operator ID: AGD105956 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 13-Oct-2025 14:19:04 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1602

First Level Reviewer: UCB5

Date: 13-Oct-2025 13:54:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.943	1.936	0.007	99	512162	20.0	18.0	
4 Chloromethane	50	2.139	2.129	0.010	99	670277	20.0	18.9	
5 Vinyl chloride	62	2.251	2.242	0.009	97	619509	20.0	19.8	
6 Butadiene	39	2.271	2.261	0.010	98	1036009	20.0	28.2	
8 Bromomethane	94	2.592	2.589	0.003	92	338372	20.0	18.8	
9 Chloroethane	64	2.689	2.676	0.013	99	339044	20.0	20.1	
10 Dichlorofluoromethane	67	2.930	2.923	0.007	97	858178	20.0	20.7	
11 Trichlorofluoromethane	101	2.985	2.985	-0.001	96	491500	20.0	15.6	
12 Pentane	43	3.023	3.017	0.006	98	669484	20.0	22.6	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.348	3.341	0.007	93	478196	20.0	21.1	
16 Acrolein	56	3.425	3.415	0.010	99	1096642	146.3	134.6	
17 1,1-Dichloroethene	96	3.557	3.554	0.003	95	347319	20.0	20.6	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.586	3.579	0.007	95	351471	20.0	20.8	
19 Acetone	58	3.605	3.595	0.010	99	1124248	250.0	247.8	
21 Iodomethane	142	3.769	3.766	0.003	99	513607	20.0	18.6	
22 Isopropyl alcohol	45	3.798	3.798	0.000	87	615670	150.0	141.0	
23 Carbon disulfide	76	3.869	3.862	0.007	100	1064700	20.0	21.5	
24 Methyl acetate	43	4.026	4.020	0.006	95	512665	20.0	23.3	
25 3-Chloro-1-propene	41	4.039	4.033	0.006	89	531960	20.0	22.7	
26 Methylene Chloride	84	4.238	4.239	-0.001	98	357006	20.0	21.0	
* 27 t-Butyl alcohol-d10 (IS)	65	4.287	4.274	0.013	95	1997863	250.0	250.0	
28 2-Methyl-2-propanol	59	4.431	4.415	0.016	96	1539095	200.0	224.7	
31 Acrylonitrile	53	4.599	4.589	0.010	99	1390724	100.0	107.9	
32 trans-1,2-Dichloroethene	96	4.650	4.640	0.010	95	327153	20.0	21.6	
33 Methyl tert-butyl ether	73	4.653	4.650	0.003	91	769089	20.0	20.2	
34 Hexane	57	5.084	5.075	0.009	96	327641	20.0	21.8	
35 1,1-Dichloroethane	63	5.332	5.316	0.016	96	612861	20.0	22.6	
36 Isopropyl ether	45	5.399	5.390	0.009	90	862389	20.0	20.8	
37 2-Chloro-1,3-butadiene	53	5.435	5.425	0.010	93	467596	20.0	22.0	
39 Tert-butyl ethyl ether	59	5.936	5.927	0.009	98	682195	20.0	19.6	
41 2-Butanone (MEK)	43	6.148	6.148	0.000	100	4455364	250.0	275.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 cis-1,2-Dichloroethene	96	6.168	6.165	0.003	85	352318	20.0	21.1	
43 2,2-Dichloropropane	77	6.184	6.177	0.007	89	486077	20.0	23.3	
44 Propionitrile	54	6.251	6.248	0.003	99	957707	150.0	168.3	
45 Methacrylonitrile	67	6.460	6.457	0.003	93	1496474	150.0	163.7	
46 Chlorobromomethane	128	6.499	6.492	0.007	95	159219	20.0	20.1	
47 Tetrahydrofuran	71	6.515	6.512	0.003	94	463043	100.0	106.3	
48 Chloroform	83	6.656	6.650	0.006	95	565191	20.0	23.0	
\$ 49 Dibromofluoromethane (Surr)	113	6.865	6.862	0.003	92	706354	50.0	51.4	
50 1,1,1-Trichloroethane	97	6.872	6.875	-0.003	96	582014	20.0	27.7	
51 Cyclohexane	56	6.975	6.968	0.007	93	573736	20.0	24.0	
52 1,1-Dichloropropene	75	7.094	7.084	0.010	92	397762	20.0	22.1	
53 Carbon tetrachloride	117	7.081	7.084	-0.003	95	398968	20.0	22.6	
56 Isobutyl alcohol	41	7.277	7.271	0.006	94	1162259	500.0	554.5	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.325	7.328	-0.003	99	185685	50.0	51.7	
58 Benzene	78	7.354	7.354	0.000	96	1224075	20.0	21.8	
59 1,2-Dichloroethane	62	7.431	7.425	0.006	97	388645	20.0	22.3	
60 Tert-amyl methyl ether	73	7.557	7.547	0.010	94	684540	20.0	20.3	
* 61 Fluorobenzene (IS)	96	7.762	7.759	0.003	99	2550662	50.0	50.0	
62 n-Heptane	43	7.775	7.772	0.003	88	304924	20.0	24.0	
63 n-Butanol	56	8.152	8.152	0.000	94	1538736	1000.0	1102.9	
64 Trichloroethene	95	8.238	8.238	0.000	98	290841	20.0	22.8	
65 Methylcyclohexane	83	8.547	8.553	-0.006	93	442445	20.0	22.9	
66 1,2-Dichloropropane	63	8.582	8.576	0.006	96	297339	20.0	22.0	
67 2-ethoxy-2-methyl butane	87	8.592	8.589	0.003	93	348845	20.0	20.6	
68 Methyl methacrylate	69	8.672	8.669	0.003	94	216626	20.0	20.9	
70 1,4-Dioxane	88	8.669	8.676	-0.007	52	228307	500.0	514.3	
69 Dibromomethane	93	8.688	8.689	-0.001	95	167237	20.0	20.2	
72 Dichlorobromomethane	83	8.926	8.930	-0.004	98	305206	20.0	20.5	
73 2-Nitropropane	41	9.216	9.213	0.003	96	122972	20.0	21.5	
74 2-Chloroethyl vinyl ether	63		9.293				20.0	ND	7
76 cis-1,3-Dichloropropene	75	9.473	9.473	0.000	93	277681	20.0	17.2	
78 4-Methyl-2-pentanone (MIBK)	43	9.663	9.660	0.003	99	8100397	250.0	318.5	
\$ 79 Toluene-d8 (Surr)	98	9.782	9.779	0.003	94	2562990	50.0	53.7	
80 Toluene	92	9.856	9.859	-0.003	97	657291	20.0	21.4	
105 trans-1,3-Dichloropropene	75	10.116	10.116	0.000	96	259010	20.0	18.9	
106 Ethyl methacrylate	69	10.184	10.180	0.004	92	309898	20.0	19.7	
107 1,1,2-Trichloroethane	97	10.319	10.322	-0.003	93	211226	20.0	20.6	
108 Tetrachloroethene	166	10.402	10.402	0.000	95	267705	20.0	22.0	
109 1,3-Dichloropropane	76	10.483	10.483	0.000	95	351142	20.0	21.0	
110 2-Hexanone	43	10.544	10.544	0.000	99	5902529	250.0	330.7	
111 Chlorodibromomethane	129	10.695	10.695	0.000	90	198199	20.0	18.5	
112 Ethylene Dibromide	107	10.807	10.804	0.003	99	201406	20.0	20.4	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	88	1686259	50.0	50.0	
114 1-Chlorohexane	91	11.251	11.248	0.003	90	292519	20.0	21.9	
115 Chlorobenzene	112	11.264	11.264	0.000	92	662352	20.0	20.6	
117 1,1,1,2-Tetrachloroethane	131	11.351	11.348	0.003	92	246436	20.0	20.1	
118 Ethylbenzene	91	11.354	11.351	0.003	99	1232622	20.0	22.4	
119 m-Xylene & p-Xylene	106	11.466	11.467	-0.001	99	941321	40.0	43.5	
120 o-Xylene	106	11.801	11.798	0.003	97	450965	20.0	20.2	
121 Styrene	104	11.814	11.811	0.003	95	677292	20.0	20.6	
122 Bromoform	173	11.968	11.965	0.003	93	130984	20.0	17.4	
123 Isopropylbenzene	105	12.100	12.100	0.000	96	1167107	20.0	22.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	85	875835	50.0	50.8	
127 1,1,2,2-Tetrachloroethane	83	12.347	12.348	-0.001	95	437218	20.0	21.0	
128 Bromobenzene	156	12.360	12.357	0.003	96	255473	20.0	19.9	
129 trans-1,4-Dichloro-2-butene	53	12.373	12.373	0.000	92	415688	100.0	87.2	
130 1,2,3-Trichloropropane	110	12.392	12.393	-0.001	86	136681	20.0	19.9	
131 N-Propylbenzene	91	12.428	12.428	0.000	99	1458564	20.0	24.1	
132 2-Chlorotoluene	126	12.502	12.505	-0.003	96	279139	20.0	21.4	
133 1,3,5-Trimethylbenzene	105	12.566	12.566	0.000	94	942225	20.0	21.6	
134 4-Chlorotoluene	126	12.598	12.598	0.000	98	255669	20.0	21.0	
135 tert-Butylbenzene	134	12.810	12.811	-0.001	95	142208	20.0	16.8	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	98	920615	20.0	20.9	
137 sec-Butylbenzene	105	12.974	12.975	-0.001	95	1074483	20.0	21.8	
138 1,3-Dichlorobenzene	146	13.074	13.071	0.003	97	471027	20.0	20.4	
139 4-Isopropyltoluene	119	13.081	13.081	0.000	97	888218	20.0	20.9	
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.126	0.003	96	962966	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.145	13.145	0.000	94	483826	20.0	20.4	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	99	1010460	20.0	22.7	
143 Benzyl chloride	91	13.225	13.222	0.003	99	643831	20.0	19.8	
144 1,3-Diethylbenzene	119	13.286	13.283	0.003	95	535293	20.0	21.6	
145 p-Diethylbenzene	119	13.357	13.354	0.003	95	569614	20.0	21.6	
146 n-Butylbenzene	92	13.376	13.373	0.003	98	484613	20.0	23.3	
147 1,2-Dichlorobenzene	146	13.409	13.409	0.000	97	504520	20.0	20.4	
148 o-diethylbenzene	119	13.428	13.428	0.000	96	460225	20.0	21.0	
149 1,2-Dibromo-3-Chloropropane	75	13.955	13.952	0.003	75	133661	20.0	19.8	
150 1,3,5-Trichlorobenzene	180	14.081	14.077	0.004	95	297659	20.0	20.3	
151 1,2,4-Trichlorobenzene	180	14.505	14.502	0.003	93	259146	20.0	18.4	
152 Hexachlorobutadiene	225	14.592	14.585	0.007	97	102436	20.0	17.9	
153 Naphthalene	128	14.691	14.688	0.003	97	1130306	20.0	18.7	
154 1,2,3-Trichlorobenzene	180	14.836	14.833	0.003	95	293288	20.0	19.2	
155 2-Methylnaphthalene	142	15.482	15.479	0.003	92	526286	20.0	17.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_LCS_VOC#1_00243	Amount Added: 21.50	Units: uL	
MSV_LCS_2CEVE_00251	Amount Added: 21.50	Units: uL	
MSV_LCS_Gases_00271	Amount Added: 21.50	Units: uL	
MSV_LCS_ACROL_00248	Amount Added: 21.50	Units: uL	
MSV_Cent_ISSS_00045	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 13-Oct-2025 14:22:35

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X71.D

Injection Date: 13-Oct-2025 03:58:59

Instrument ID: 15830

Operator ID: AGD105956

Lims ID: 410-244867-A-2 MSD

Worklist Smp#: 20

Client ID: HD-MW-67S-0/1-0 MSD

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

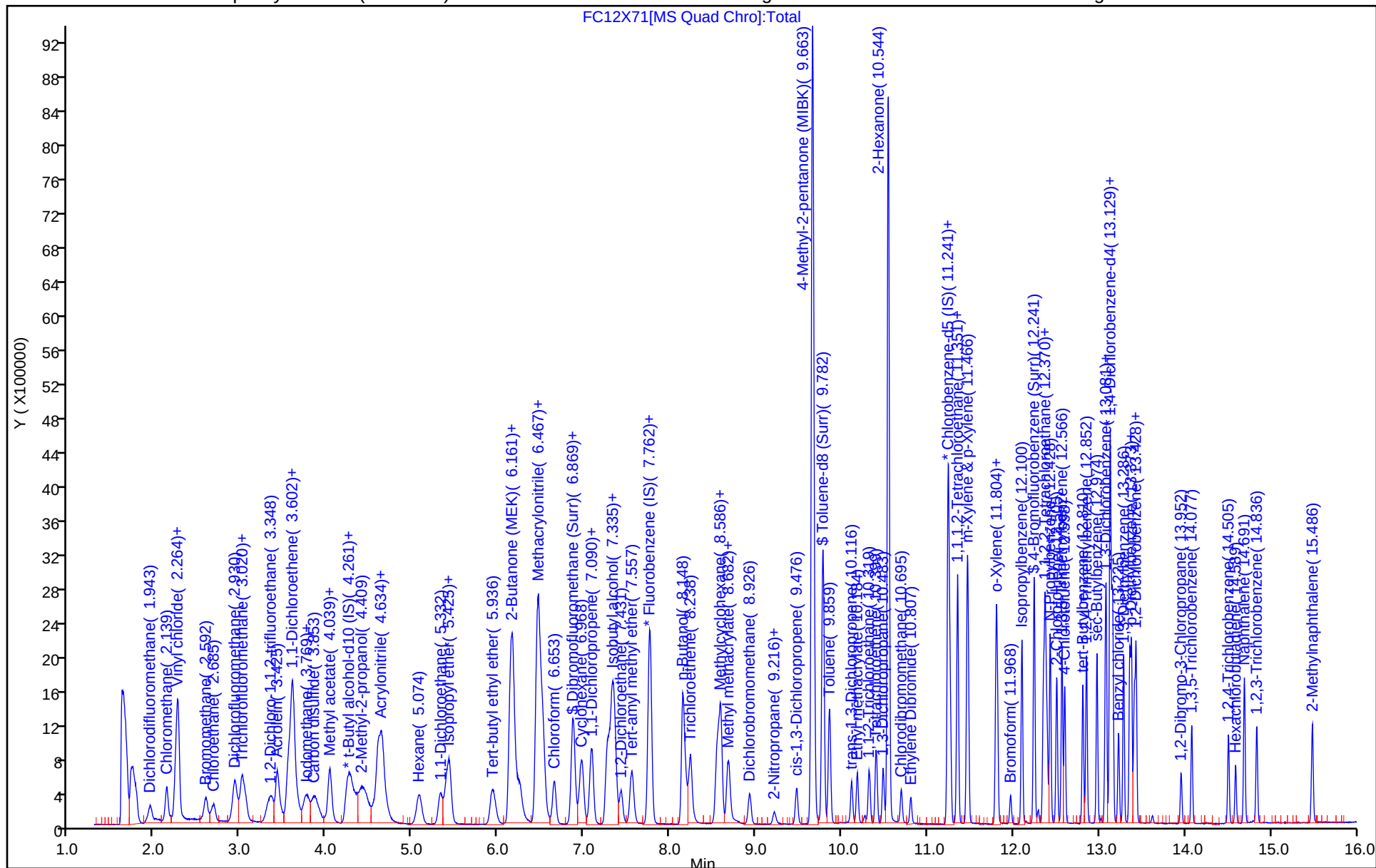
ALS Bottle#: 19

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\FC12X71.D
Lims ID: 410-244867-A-2 MSD
Client ID: HD-MW-67S-0/1-0 MSD
Sample Type: MSD
Inject. Date: 13-Oct-2025 03:58:59 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162872-020
Operator ID: AGD105956 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251012-162872.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 13-Oct-2025 14:19:04 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1602

First Level Reviewer: UCB5

Date: 13-Oct-2025 13:54:22

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	51.4	102.77
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	51.7	103.49
\$ 79 Toluene-d8 (Surr)	50.0	53.7	107.32
\$ 126 4-Bromofluorobenzene (Surr)	50.0	50.8	101.61

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 9355

Start Date: 06/27/2025 16:09

Analysis Batch Number: 664115

End Date: 06/27/2025 19:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-664115/1		06/27/2025 16:09	1	YU27T01.D	R-624Si1MS 30m 0.25 (mm)
IC 410-664115/18		06/27/2025 16:57	1	YU27X12.D	R-624Si1MS 30m 0.25 (mm)
IC 410-664115/17		06/27/2025 17:20	1	YU27X13.D	R-624Si1MS 30m 0.25 (mm)
ICIS 410-664115/16		06/27/2025 17:42	1	YU27X14.D	R-624Si1MS 30m 0.25 (mm)
IC 410-664115/15		06/27/2025 18:05	1	YU27X15.D	R-624Si1MS 30m 0.25 (mm)
IC 410-664115/14		06/27/2025 18:27	1	YU27X16.D	R-624Si1MS 30m 0.25 (mm)
IC 410-664115/13		06/27/2025 18:50	1	YU27X17.D	R-624Si1MS 30m 0.25 (mm)
IC 410-664115/12		06/27/2025 19:12	1	YU27X18.D	R-624Si1MS 30m 0.25 (mm)
ICV 410-664115/20		06/27/2025 19:57	1	YU27X20.D	R-624Si1MS 30m 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 26285

Start Date: 08/11/2025 14:51

Analysis Batch Number: 683596

End Date: 08/11/2025 21:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-683596/1		08/11/2025 14:51	1	5G11T01.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/3		08/11/2025 15:55	1	5G11X02.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/4		08/11/2025 16:15	1	5G11X03.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/5		08/11/2025 16:35	1	5G11X04.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/6		08/11/2025 16:55	1	5G11X05.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/7		08/11/2025 17:16	1	5G11X06.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/8		08/11/2025 17:37	1	5G11X07.D	R-624Si1MS 30m 0.25 (mm)
ICV 410-683596/10		08/11/2025 18:18	1		R-624Si1MS 30m 0.25 (mm)
IC 410-683596/12		08/11/2025 18:58	1	5G11X11.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/13		08/11/2025 19:19	1	5G11X12.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/14		08/11/2025 19:39	1	5G11X13.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/15		08/11/2025 20:00	1	5G11X14.D	R-624Si1MS 30m 0.25 (mm)
ICIS 410-683596/16		08/11/2025 20:20	1	5G11X15.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/17		08/11/2025 20:40	1	5G11X16.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/18		08/11/2025 21:01	1	5G11X17.D	R-624Si1MS 30m 0.25 (mm)
ICV 410-683596/20		08/11/2025 21:42	1	5G11X19.D	R-624Si1MS 30m 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 7159

Start Date: 09/22/2025 14:37

Analysis Batch Number: 702728

End Date: 09/22/2025 22:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-702728/1		09/22/2025 14:37	1	NS22T01.D	R-624Si1MS 30m 0.25 (mm)
IC 410-702728/3		09/22/2025 15:13	1	NS22X03.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		09/22/2025 15:13	1		R-624Si1MS 30m 0.25 (mm)
IC 410-702728/4		09/22/2025 15:33	1	NS22X04.D	R-624Si1MS 30m 0.25 (mm)
IC 410-702728/5		09/22/2025 15:53	1	NS22X05.D	R-624Si1MS 30m 0.25 (mm)
IC 410-702728/6		09/22/2025 16:12	1	NS22X06.D	R-624Si1MS 30m 0.25 (mm)
IC 410-702728/7		09/22/2025 16:32	1	NS22X07.D	R-624Si1MS 30m 0.25 (mm)
IC 410-702728/8		09/22/2025 16:52	1	NS22X08.D	R-624Si1MS 30m 0.25 (mm)
ICV 410-702728/10		09/22/2025 17:32	1		R-624Si1MS 30m 0.25 (mm)
IC 410-702728/14		09/22/2025 18:51	1	NS22X14.D	R-624Si1MS 30m 0.25 (mm)
IC 410-702728/15		09/22/2025 19:10	1	NS22X15.D	R-624Si1MS 30m 0.25 (mm)
ICIS 410-702728/16		09/22/2025 19:30	1	NS22X16.D	R-624Si1MS 30m 0.25 (mm)
IC 410-702728/17		09/22/2025 19:50	1	NS22X17.D	R-624Si1MS 30m 0.25 (mm)
IC 410-702728/18		09/22/2025 20:10	1	NS22X18.D	R-624Si1MS 30m 0.25 (mm)
ICV 410-702728/20		09/22/2025 20:50	1	NS22X20.D	R-624Si1MS 30m 0.25 (mm)
IC 410-702728/12		09/22/2025 22:39	1	NS22X22.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		09/22/2025 22:39	1		R-624Si1MS 30m 0.25 (mm)
IC 410-702728/13		09/22/2025 22:59	1	NS22X23.D	R-624Si1MS 30m 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 15830

Start Date: 10/07/2025 16:30

Analysis Batch Number: 710355

End Date: 10/07/2025 23:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-710355/1		10/07/2025 16:30	1	FC07T51.D	R-624SilMS 30m 0.25 (mm)
IC 410-710355/15		10/07/2025 18:13	1	FC07X55.D	R-624SilMS 30m 0.25 (mm)
ICIS 410-710355/16		10/07/2025 18:35	1	FC07X56.D	R-624SilMS 30m 0.25 (mm)
CCVIS 410-710355/1016		10/07/2025 18:35	1		R-624SilMS 30m 0.25 (mm)
IC 410-710355/17		10/07/2025 18:58	1	FC07X57.D	R-624SilMS 30m 0.25 (mm)
IC 410-710355/18		10/07/2025 19:21	1	FC07X58.D	R-624SilMS 30m 0.25 (mm)
ICV 410-710355/20		10/07/2025 20:07	1	FC07X60.D	R-624SilMS 30m 0.25 (mm)
ZZZZZ (QC)		10/07/2025 20:07	1		R-624SilMS 30m 0.25 (mm)
IC 410-710355/12		10/07/2025 23:07	1	FC07X65.D	R-624SilMS 30m 0.25 (mm)
IC 410-710355/13		10/07/2025 23:29	1	FC07X66.D	R-624SilMS 30m 0.25 (mm)
IC 410-710355/14		10/07/2025 23:52	1	FC07X67.D	R-624SilMS 30m 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 7159

Start Date: 10/10/2025 09:11

Analysis Batch Number: 711952

End Date: 10/10/2025 19:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-711952/1		10/10/2025 09:11	1	NC10T02.D	R-624Si1MS 30m 0.25 (mm)
CCVIS 410-711952/3		10/10/2025 10:03	1	NC10X02.D	R-624Si1MS 30m 0.25 (mm)
LCS 410-711952/5		10/10/2025 10:42	1	NC10X04.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		10/10/2025 11:02	1		R-624Si1MS 30m 0.25 (mm)
MB 410-711952/7		10/10/2025 11:22	1	NC10X06.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/10/2025 12:56	1		R-624Si1MS 30m 0.25 (mm)
410-244867-12	HD-MW-9-0/1-0	10/10/2025 13:16	1	NC10X08.D	R-624Si1MS 30m 0.25 (mm)
410-244867-13	HD-QC2-0/1-2	10/10/2025 13:36	1	NC10X09.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/10/2025 13:56	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/10/2025 14:16	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/10/2025 14:35	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/10/2025 14:55	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/10/2025 15:15	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/10/2025 15:34	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/10/2025 15:54	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/10/2025 16:14	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/10/2025 16:34	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/10/2025 16:53	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/10/2025 17:13	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		10/10/2025 17:33	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		10/10/2025 17:53	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/10/2025 18:12	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/10/2025 18:32	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/10/2025 18:51	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/10/2025 19:11	1		R-624Si1MS 30m 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 15830

Start Date: 10/12/2025 20:52

Analysis Batch Number: 712734

End Date: 10/13/2025 07:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-712734/1		10/12/2025 20:52	1		R-624Si1MS 30m 0.25 (mm)
CCVIS 410-712734/3		10/12/2025 21:33	1	FC12X54.D	R-624Si1MS 30m 0.25 (mm)
LCS 410-712734/4		10/12/2025 21:56	1	FC12X55.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		10/12/2025 22:18	1		R-624Si1MS 30m 0.25 (mm)
MB 410-712734/6		10/12/2025 22:41	1	FC12X57.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/12/2025 23:04	1		R-624Si1MS 30m 0.25 (mm)
410-244867-6	HD-QC2-0/1-4	10/12/2025 23:26	1	FC12X59.D	R-624Si1MS 30m 0.25 (mm)
410-244867-5	HD-QC2-0/1-3	10/12/2025 23:49	1	FC12X60.D	R-624Si1MS 30m 0.25 (mm)
410-244867-1	HD-CW-1A-0/1-0	10/13/2025 00:12	1	FC12X61.D	R-624Si1MS 30m 0.25 (mm)
410-244867-3	HD-QC2-0/1-1	10/13/2025 00:35	1	FC12X62.D	R-624Si1MS 30m 0.25 (mm)
410-244867-4	HD-MW67D-0/1-0	10/13/2025 00:57	1	FC12X63.D	R-624Si1MS 30m 0.25 (mm)
410-244867-7	HD-MW-12-0/1-0	10/13/2025 01:20	1	FC12X64.D	R-624Si1MS 30m 0.25 (mm)
410-244867-8	HD-MW-18S-0/1-0	10/13/2025 01:43	1	FC12X65.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 02:05	1		R-624Si1MS 30m 0.25 (mm)
410-244867-10	HD-CW-2-0/1-0	10/13/2025 02:28	1	FC12X67.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 02:50	1		R-624Si1MS 30m 0.25 (mm)
410-244867-2	HD-MW-67S-0/1-0	10/13/2025 03:13	1	FC12X69.D	R-624Si1MS 30m 0.25 (mm)
410-244867-2 MS	HD-MW-67S-0/1-0 MS MS	10/13/2025 03:36	1	FC12X70.D	R-624Si1MS 30m 0.25 (mm)
410-244867-2 MSD	HD-MW-67S-0/1-0 MSD MSD	10/13/2025 03:58	1	FC12X71.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 04:21	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 04:44	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 05:07	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 05:29	10		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 05:52	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 06:39	10		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 07:01	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 07:24	1		R-624Si1MS 30m 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 26285

Start Date: 10/13/2025 09:09

Analysis Batch Number: 712926

End Date: 10/13/2025 19:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-712926/1		10/13/2025 09:09	1	5C13T01.D	R-624Si1MS 30m 0.25 (mm)
CCVIS 410-712926/5		10/13/2025 10:22	1	5C13X04.D	R-624Si1MS 30m 0.25 (mm)
LCS 410-712926/6		10/13/2025 10:42	1	5C13X05.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		10/13/2025 11:03	1		R-624Si1MS 30m 0.25 (mm)
MB 410-712926/8		10/13/2025 11:23	1	5C13X07.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 11:43	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 12:04	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 12:24	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 12:44	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 13:04	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 13:25	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 13:45	100		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 14:05	20		R-624Si1MS 30m 0.25 (mm)
410-244867-9	HD-MW-20S-0/1-0	10/13/2025 14:25	1	5C13X16.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 14:45	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 15:06	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 15:27	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 15:47	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 16:07	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 17:27	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		10/13/2025 17:47	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		10/13/2025 18:08	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 19:08	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 19:28	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/13/2025 19:48	10		R-624Si1MS 30m 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244867-1

SDG No.:

Instrument ID: 9355

Start Date: 10/13/2025 22:34

Analysis Batch Number: 713392

End Date: 10/14/2025 08:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-713392/1		10/13/2025 22:34	1	YC13T51.D	R-624SiIMS 30m 0.25 (mm)
CCVIS 410-713392/3		10/13/2025 23:09	1	YC13X52.D	R-624SiIMS 30m 0.25 (mm)
LCS 410-713392/4		10/13/2025 23:31	1	YC13X53.D	R-624SiIMS 30m 0.25 (mm)
LCSD 410-713392/5		10/13/2025 23:54	1	YC13X54.D	R-624SiIMS 30m 0.25 (mm)
ZZZZZ (QC)		10/14/2025 00:16	1		R-624SiIMS 30m 0.25 (mm)
MB 410-713392/7		10/14/2025 00:39	1	YC13X56.D	R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/14/2025 01:24	1		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/14/2025 02:09	1		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/14/2025 02:31	1		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/14/2025 03:16	1		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/14/2025 03:39	1		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/14/2025 04:01	1		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/14/2025 04:24	1		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/14/2025 04:46	1		R-624SiIMS 30m 0.25 (mm)
410-244867-11	HD-MW-16S-0/1-0	10/14/2025 05:09	1	YC13X68.D	R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/14/2025 05:31	1		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/14/2025 05:54	5		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/14/2025 06:16	5		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/14/2025 06:39	5		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/14/2025 07:01	10		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/14/2025 07:24	20		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (QC)		10/14/2025 08:09	1		R-624SiIMS 30m 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 664115 Batch Start Date: 06/27/25 16:09 Batch Analyst: Drexinger, Marissa CBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	MSV_4ppb_00013	MSV_CCV_2CEVE_00233	MSV_CCV_GASES_01062
BFB 410-664115/1		8260D			1 uL	1 uL				
IC 410-664115/12		8260D			5 mL	5 mL	431127	12.5 mL		
IC 410-664115/13		8260D			5 mL	5 mL	431127		4 uL	2 uL
IC 410-664115/14		8260D			5 mL	5 mL	431127		2 uL	1 uL
IC 410-664115/15		8260D			5 mL	5 mL	431127		4 uL	2 uL
ICIS 410-664115/16		8260D			5 mL	5 mL	431127		5 uL	2.5 uL
IC 410-664115/17		8260D			5 mL	5 mL	431127		5 uL	2.5 uL
IC 410-664115/18		8260D			5 mL	5 mL	431127		15 uL	7.5 uL
ICV 410-664115/20		8260D			5 mL	5 mL	431127			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_OH_Sp_00022	MSV_CCV_VOC#1_00241	MSV_CCV_VOC#3_00242	MSV_HP20_ISSS_00151	MSV_Q_Acr_Std_00012	MSV_V_BFB_00019
BFB 410-664115/1		8260D								1 uL
IC 410-664115/12		8260D						1 uL		
IC 410-664115/13		8260D			4 uL	4 uL	3.2 uL	1 uL		
IC 410-664115/14		8260D			2 uL	2 uL	1.6 uL	1 uL		
IC 410-664115/15		8260D			4 uL	4 uL	3.2 uL	1 uL		
ICIS 410-664115/16		8260D			5 uL	5 uL	4 uL	1 uL		
IC 410-664115/17		8260D			5 uL	5 uL	4 uL	1 uL		
IC 410-664115/18		8260D			15 uL	15 uL	12 uL	1 uL		
ICV 410-664115/20		8260D						1 uL	2 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 664115 Batch Start Date: 06/27/25 16:09 Batch Analyst: Drexinger, Marissa CBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	AnalysisComment					
BFB 410-664115/1		8260D								
IC 410-664115/12		8260D								
IC 410-664115/13		8260D								
IC 410-664115/14		8260D								
IC 410-664115/15		8260D								
ICIS 410-664115/16		8260D								
IC 410-664115/17		8260D								
IC 410-664115/18		8260D								
ICV 410-664115/20		8260D			acrylates only					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 683596 Batch Start Date: 08/11/25 14:51 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	MSV_4ppbEE 00642	MSV_CCV_2CEVE 00240	MSV_CCV_CYC 00012
BFB 410-683596/1		8260D			1 uL	1 uL				
IC 410-683596/3		8260D			5 mL	5 mL	2810			
IC 410-683596/4		8260D			5 mL	5 mL	2810			
IC 410-683596/5		8260D			5 mL	5 mL	2810			
IC 410-683596/6		8260D			5 mL	5 mL	2810			
IC 410-683596/7		8260D			5 mL	5 mL	2810			
IC 410-683596/8		8260D			5 mL	5 mL	2810			
IC 410-683596/12		8260D			5 mL	5 mL	2810	12.5 mL		
IC 410-683596/13		8260D			5 mL	5 mL	2810		4 uL	32 uL
IC 410-683596/14		8260D			5 mL	5 mL	2810		2 uL	8 uL
IC 410-683596/15		8260D			5 mL	5 mL	2810		4 uL	16 uL
ICIS 410-683596/16		8260D			5 mL	5 mL	2810		5 uL	10 uL
IC 410-683596/17		8260D			5 mL	5 mL	2810		5 uL	10 uL
IC 410-683596/18		8260D			5 mL	5 mL	2810		15 uL	30 uL
ICV 410-683596/20		8260D			5 mL	5 mL	2810			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_EE 00009	MSV_CCV_ETOH 00009	MSV_CCV_GASES 01127	MSV_CCV_LKB 00013	MSV_CCV_OH_Sp 00023	MSV_CCV_Penta 00069
BFB 410-683596/1		8260D								
IC 410-683596/3		8260D				10 uL		2 uL		2 uL
IC 410-683596/4		8260D				8 uL		2 uL		2 uL
IC 410-683596/5		8260D				16 uL		4 uL		4 uL
IC 410-683596/6		8260D				10 uL		5 uL		5 uL
IC 410-683596/7		8260D				10 uL		5 uL		5 uL
IC 410-683596/8		8260D				30 uL		15 uL		15 uL
IC 410-683596/12		8260D								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 683596 Batch Start Date: 08/11/25 14:51 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_EE 00009	MSV_CCV_ETOH 00009	MSV_CCV_GASES 01127	MSV_CCV_LKB 00013	MSV_CCV_OH_Sp 00023	MSV_CCV_Penta 00069
IC 410-683596/13		8260D			4 uL		2 uL		4 uL	
IC 410-683596/14		8260D			2 uL		1 uL		2 uL	
IC 410-683596/15		8260D			4 uL		2 uL		4 uL	
ICIS 410-683596/16		8260D			5 uL		2.5 uL		5 uL	
IC 410-683596/17		8260D			5 uL		2.5 uL		5 uL	
IC 410-683596/18		8260D			15 uL		7.5 uL		15 uL	
ICV 410-683596/20		8260D								

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_V5ACE 00051	MSV_CCV_VOC#1 00248	MSV_CCV_VOC#3 00250	MSV_Cent_ISO 00011	MSV_Cent_ISSS 00041	MSV_LCS_2CEVE 00242
BFB 410-683596/1		8260D								
IC 410-683596/3		8260D			2 uL			5 uL		
IC 410-683596/4		8260D			2 uL			5 uL		
IC 410-683596/5		8260D			4 uL			5 uL		
IC 410-683596/6		8260D			5 uL			5 uL		
IC 410-683596/7		8260D			5 uL			5 uL		
IC 410-683596/8		8260D			15 uL			5 uL		
IC 410-683596/12		8260D							5 uL	
IC 410-683596/13		8260D				4 uL	3.2 uL		5 uL	
IC 410-683596/14		8260D				2 uL	1.6 uL		5 uL	
IC 410-683596/15		8260D				4 uL	3.2 uL		5 uL	
ICIS 410-683596/16		8260D				5 uL	4 uL		5 uL	
IC 410-683596/17		8260D				5 uL	4 uL		5 uL	
IC 410-683596/18		8260D				15 uL	12 uL		5 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 683596 Batch Start Date: 08/11/25 14:51 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_V5ACE 00051	MSV_CCV_VOC#1 00248	MSV_CCV_VOC#3 00250	MSV_Cent_ISO 00011	MSV_Cent_ISSS 00041	MSV_LCS_2CEVE 00242
ICV 410-683596/20		8260D							5 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00240	MSV_LCS_CYC 00012	MSV_LCS_EE 00011	MSV_LCS_Gases 00263	MSV_LCS_VOC#1 00233	MSV_Q_Acr_Std 00012
BFB 410-683596/1		8260D								
IC 410-683596/3		8260D								
IC 410-683596/4		8260D								
IC 410-683596/5		8260D								
IC 410-683596/6		8260D								
IC 410-683596/7		8260D								
IC 410-683596/8		8260D								
IC 410-683596/12		8260D								
IC 410-683596/13		8260D								
IC 410-683596/14		8260D								
IC 410-683596/15		8260D								
ICIS 410-683596/16		8260D								
IC 410-683596/17		8260D								
IC 410-683596/18		8260D								
ICV 410-683596/20		8260D			50 uL	50 uL	50 uL	50 uL	50 uL	2 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 00019	MSV_V_SMFreon 00054				
BFB 410-683596/1		8260D			1 uL					
IC 410-683596/3		8260D				1 uL				
IC 410-683596/4		8260D				1 uL				
IC 410-683596/5		8260D				2 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 683596 Batch Start Date: 08/11/25 14:51 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 000I9	MSV_V_SMFreon 00054				
IC 410-683596/6		8260D				2.5 uL				
IC 410-683596/7		8260D				2.5 uL				
IC 410-683596/8		8260D				7.5 uL				
IC 410-683596/12		8260D								
IC 410-683596/13		8260D								
IC 410-683596/14		8260D								
IC 410-683596/15		8260D								
ICIS 410-683596/16		8260D								
IC 410-683596/17		8260D								
IC 410-683596/18		8260D								
ICV 410-683596/20		8260D								

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 702728 Batch Start Date: 09/22/25 14:37 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	MSV_4ppbEtoh 00802	MSV_CCV_2CEVE 00247	MSV_CCV_CYC 00012
BFB 410-702728/1		8260D			1 uL	1 uL				
IC 410-702728/3		8260D			5 mL	5 mL	2810			
IC 410-702728/4		8260D			5 mL	5 mL	2810			
IC 410-702728/5		8260D			5 mL	5 mL	2810			
IC 410-702728/6		8260D			5 mL	5 mL	2810			
IC 410-702728/7		8260D			5 mL	5 mL	2810			
IC 410-702728/8		8260D			5 mL	5 mL	2810			
IC 410-702728/12		8260D			5 mL	5 mL	2810	12.5 mL		
IC 410-702728/13		8260D			5 mL	5 mL	2810		4 uL	32 uL
IC 410-702728/14		8260D			5 mL	5 mL	2810		2 uL	8 uL
IC 410-702728/15		8260D			5 mL	5 mL	2810		4 uL	16 uL
ICIS 410-702728/16		8260D			5 mL	5 mL	2810		5 uL	10 uL
IC 410-702728/17		8260D			5 mL	5 mL	2810		5 uL	10 uL
IC 410-702728/18		8260D			5 mL	5 mL	2810		15 uL	30 uL
ICV 410-702728/20		8260D			5 mL	5 mL	2810			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_EE 00009	MSV_CCV_ETOH 00011	MSV_CCV_GASES 01121	MSV_CCV_LKB 00014	MSV_CCV_OH_Sp 00026	MSV_CCV_Penta 00072
BFB 410-702728/1		8260D								
IC 410-702728/3		8260D			4 uL			4 uL		4 uL
IC 410-702728/4		8260D			2 uL			2 uL		2 uL
IC 410-702728/5		8260D			4 uL			4 uL		4 uL
IC 410-702728/6		8260D			5 uL			5 uL		5 uL
IC 410-702728/7		8260D			5 uL			5 uL		5 uL
IC 410-702728/8		8260D			15 uL			15 uL		15 uL
IC 410-702728/12		8260D								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 702728 Batch Start Date: 09/22/25 14:37 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_EE 00009	MSV_CCV_ETOH 00011	MSV_CCV_GASES 01121	MSV_CCV_LKB 00014	MSV_CCV_OH_Sp 00026	MSV_CCV_Penta 00072
IC 410-702728/13		8260D				20 uL	2 uL		4 uL	
IC 410-702728/14		8260D				8 uL	1 uL		2 uL	
IC 410-702728/15		8260D				16 uL	2 uL		4 uL	
ICIS 410-702728/16		8260D				10 uL	2.5 uL		5 uL	
IC 410-702728/17		8260D				10 uL	2.5 uL		5 uL	
IC 410-702728/18		8260D				30 uL	7.5 uL		15 uL	
ICV 410-702728/20		8260D								

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_V5ACE 00054	MSV_CCV_VOC#1 00254	MSV_CCV_VOC#3 00256	MSV_Cent_ISO 00012	MSV_Cent_ISSS 00044	MSV_LCS_2CEVE 00249
BFB 410-702728/1		8260D								
IC 410-702728/3		8260D			4 uL			5 uL		
IC 410-702728/4		8260D			2 uL			5 uL		
IC 410-702728/5		8260D			4 uL			5 uL		
IC 410-702728/6		8260D			5 uL			5 uL		
IC 410-702728/7		8260D			5 uL			5 uL		
IC 410-702728/8		8260D			15 uL			5 uL		
IC 410-702728/12		8260D							5 uL	
IC 410-702728/13		8260D				4 uL	3.2 uL		5 uL	
IC 410-702728/14		8260D				2 uL	1.6 uL		5 uL	
IC 410-702728/15		8260D				4 uL	3.2 uL		5 uL	
ICIS 410-702728/16		8260D				5 uL	4 uL		5 uL	
IC 410-702728/17		8260D				5 uL	4 uL		5 uL	
IC 410-702728/18		8260D				15 uL	12 uL		5 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 702728 Batch Start Date: 09/22/25 14:37 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_V5ACE 00054	MSV_CCV_VOC#1 00254	MSV_CCV_VOC#3 00256	MSV_Cent_ISO 00012	MSV_Cent_ISSS 00044	MSV_LCS_2CEVE 00249
ICV 410-702728/20		8260D							5 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00246	MSV_LCS_CYC 00012	MSV_LCS_ETOH 00012	MSV_LCS_OH_Sp 00032	MSV_LCS_VOC#1 00239	MSV_QC_2K_GAS 00316
BFB 410-702728/1		8260D								
IC 410-702728/3		8260D								
IC 410-702728/4		8260D								
IC 410-702728/5		8260D								
IC 410-702728/6		8260D								
IC 410-702728/7		8260D								
IC 410-702728/8		8260D								
IC 410-702728/12		8260D								
IC 410-702728/13		8260D								
IC 410-702728/14		8260D								
IC 410-702728/15		8260D								
ICIS 410-702728/16		8260D								
IC 410-702728/17		8260D								
IC 410-702728/18		8260D								
ICV 410-702728/20		8260D			50 uL	50 uL	50 uL	50 uL	50 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 00019	MSV_V_SMFreon 00052				
BFB 410-702728/1		8260D			1 uL					
IC 410-702728/3		8260D				2 uL				
IC 410-702728/4		8260D				1 uL				
IC 410-702728/5		8260D				2 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 702728 Batch Start Date: 09/22/25 14:37 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 000I9	MSV_V_SMFreon 00052				
IC 410-702728/6		8260D				2.5 uL				
IC 410-702728/7		8260D				2.5 uL				
IC 410-702728/8		8260D				7.5 uL				
IC 410-702728/12		8260D								
IC 410-702728/13		8260D								
IC 410-702728/14		8260D								
IC 410-702728/15		8260D								
ICIS 410-702728/16		8260D								
IC 410-702728/17		8260D								
IC 410-702728/18		8260D								
ICV 410-702728/20		8260D								

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 710355 Batch Start Date: 10/07/25 16:30 Batch Analyst: Pape, Linda CBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	MSV_4ppbEE 00647	MSV_CCV_2CEVE 00249	MSV_CCV_CYC 00012
BFB 410-710355/1		8260D			1 uL	1 uL				
IC 410-710355/12		8260D			5 mL	5 mL	2810	12.5 mL		
IC 410-710355/13		8260D			5 mL	5 mL	2810		4 uL	32 uL
IC 410-710355/14		8260D			5 mL	5 mL	2810		2 uL	8 uL
IC 410-710355/15		8260D			5 mL	5 mL	2810		4 uL	16 uL
ICIS 410-710355/16		8260D			5 mL	5 mL	2810		5 uL	10 uL
IC 410-710355/17		8260D			5 mL	5 mL	2810		5 uL	10 uL
IC 410-710355/18		8260D			5 mL	5 mL	2810		15 uL	30 uL
ICV 410-710355/20		8260D			5 mL	5 mL	2810			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_EE 00009	MSV_CCV_GASES 01144	MSV_CCV_OH_Sp 00026	MSV_CCV_VOC#1 00256	MSV_CCV_VOC#3 00258	MSV_Cent_ISSS 00044
BFB 410-710355/1		8260D								
IC 410-710355/12		8260D								5 uL
IC 410-710355/13		8260D			4 uL	2 uL	4 uL	4 uL	3.2 uL	5 uL
IC 410-710355/14		8260D			2 uL	1 uL	2 uL	2 uL	1.6 uL	5 uL
IC 410-710355/15		8260D			4 uL	2 uL	4 uL	4 uL	3.2 uL	5 uL
ICIS 410-710355/16		8260D			5 uL	2.5 uL	5 uL	5 uL	4 uL	5 uL
IC 410-710355/17		8260D			5 uL	2.5 uL	5 uL	5 uL	4 uL	5 uL
IC 410-710355/18		8260D			15 uL	7.5 uL	15 uL	15 uL	12 uL	5 uL
ICV 410-710355/20		8260D								5 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 710355 Batch Start Date: 10/07/25 16:30 Batch Analyst: Pape, Linda CBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_2CEVE 00251	MSV_LCS_ACROL 00248	MSV_LCS_CYC 00012	MSV_LCS_EE 00012	MSV_LCS_Gases 00271	MSV_LCS_OH_Sp 00032
BFB 410-710355/1		8260D								
IC 410-710355/12		8260D								
IC 410-710355/13		8260D								
IC 410-710355/14		8260D								
IC 410-710355/15		8260D								
ICIS 410-710355/16		8260D								
IC 410-710355/17		8260D								
IC 410-710355/18		8260D								
ICV 410-710355/20		8260D			50 uL	50 uL	50 uL	50 uL	50 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_VOC#1 00243	MSV_V_BFB 00019				
BFB 410-710355/1		8260D				1 uL				
IC 410-710355/12		8260D								
IC 410-710355/13		8260D								
IC 410-710355/14		8260D								
IC 410-710355/15		8260D								
ICIS 410-710355/16		8260D								
IC 410-710355/17		8260D								
IC 410-710355/18		8260D								
ICV 410-710355/20		8260D			50 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 710355 Batch Start Date: 10/07/25 16:30 Batch Analyst: Pape, Linda CBatch Method: 8260D Batch End Date: _____

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 711952 Batch Start Date: 10/10/25 09:11 Batch Analyst: Mellinger, Corie MBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	ResidualChloCh eck	Headspace	Lot#Vial
BFB 410-711952/1		8260D			1 uL	1 uL				
CCVIS 410-711952/3		8260D			5 mL	5 mL				2810
LCS 410-711952/5		8260D			5 mL	5 mL				2810
MB 410-711952/7		8260D			5 mL	5 mL				2810
410-244867-A-12	HD-MW-9-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244867-A-13	HD-QC2-0/1-2	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_2CEVE 00249	MSV_CCV_GASES 01144	MSV_CCV_VOC#1 00256	MSV_CCV_VOC#3 00258	MSV_Cent_ISSS 00045	MSV_LCS_2CEVE 00251
BFB 410-711952/1		8260D								
CCVIS 410-711952/3		8260D			5 uL	2.5 uL	5 uL	4 uL	5 uL	
LCS 410-711952/5		8260D							5 uL	50 uL
MB 410-711952/7		8260D							5 uL	
410-244867-A-12	HD-MW-9-0/1-0	8260D	Water	T					5 uL	
410-244867-A-13	HD-QC2-0/1-2	8260D	Water	T					5 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00248	MSV_LCS_Gases 00271	MSV_LCS_VOC#1 00243	MSV_V_BFB 00019		
BFB 410-711952/1		8260D						1 uL		
CCVIS 410-711952/3		8260D								
LCS 410-711952/5		8260D			50 uL	50 uL	50 uL			
MB 410-711952/7		8260D								
410-244867-A-12	HD-MW-9-0/1-0	8260D	Water	T						
410-244867-A-13	HD-QC2-0/1-2	8260D	Water	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 711952 Batch Start Date: 10/10/25 09:11 Batch Analyst: Mellinger, Corie MBatch Method: 8260D Batch End Date: _____

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 712734 Batch Start Date: 10/12/25 20:52 Batch Analyst: Walmer, GavinBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	ResidualChloCh eck	Headspace	Lot#Vial
CCVIS 410-712734/3		8260D			5 mL	5 mL				2810
LCS 410-712734/4		8260D			5 mL	5 mL				2810
MB 410-712734/6		8260D			5 mL	5 mL				2810
410-244867-A-6	HD-QC2-0/1-4	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244867-A-5	HD-QC2-0/1-3	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244867-A-1	HD-CW-1A-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244867-A-3	HD-QC2-0/1-1	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244867-A-4	HD-MW67D-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244867-A-7	HD-MW-12-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244867-A-8	HD-MW-18S-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244867-A-10	HD-CW-2-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244867-A-2	HD-MW-67S-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244867-A-2	HD-MW-67S-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
MS 410-244867-A-2	MS HD-MW-67S-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
MSD	MSD									

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_2CEVE 00249	MSV_CCV_GASES 01147	MSV_CCV_VOC#1 00256	MSV_CCV_VOC#3 00258	MSV_Cent_ISSS 00045	MSV_LCS_2CEVE 00251
CCVIS 410-712734/3		8260D			5 uL	2.5 uL	5 uL	4 uL	5 uL	
LCS 410-712734/4		8260D							5 uL	50 uL
MB 410-712734/6		8260D							5 uL	
410-244867-A-6	HD-QC2-0/1-4	8260D	Water	T					5 uL	
410-244867-A-5	HD-QC2-0/1-3	8260D	Water	T					5 uL	
410-244867-A-1	HD-CW-1A-0/1-0	8260D	Water	T					5 uL	
410-244867-A-3	HD-QC2-0/1-1	8260D	Water	T					5 uL	
410-244867-A-4	HD-MW67D-0/1-0	8260D	Water	T					5 uL	
410-244867-A-7	HD-MW-12-0/1-0	8260D	Water	T					5 uL	
410-244867-A-8	HD-MW-18S-0/1-0	8260D	Water	T					5 uL	
410-244867-A-10	HD-CW-2-0/1-0	8260D	Water	T					5 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.:

Batch Number: 712734 Batch Start Date: 10/12/25 20:52 Batch Analyst: Walmer, Gavin

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_2CEVE 00249	MSV_CCV_GASES 01147	MSV_CCV_VOC#1 00256	MSV_CCV_VOC#3 00258	MSV_Cent_ISSS 00045	MSV_LCS_2CEVE 00251
410-244867-A-2	HD-MW-67S-0/1-0	8260D	Water	T					5 uL	
410-244867-A-2 MS	HD-MW-67S-0/1-0 MS	8260D	Water	T					5 uL	21.5 uL
410-244867-A-2 MSD	HD-MW-67S-0/1-0 MSD	8260D	Water	T					5 uL	21.5 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00248	MSV_LCS_Gases 00271	MSV_LCS_VOC#1 00243			
CCVIS 410-712734/3		8260D								
LCS 410-712734/4		8260D			50 uL	50 uL	50 uL			
MB 410-712734/6		8260D								
410-244867-A-6	HD-QC2-0/1-4	8260D	Water	T						
410-244867-A-5	HD-QC2-0/1-3	8260D	Water	T						
410-244867-A-1	HD-CW-1A-0/1-0	8260D	Water	T						
410-244867-A-3	HD-QC2-0/1-1	8260D	Water	T						
410-244867-A-4	HD-MW67D-0/1-0	8260D	Water	T						
410-244867-A-7	HD-MW-12-0/1-0	8260D	Water	T						
410-244867-A-8	HD-MW-18S-0/1-0	8260D	Water	T						
410-244867-A-10	HD-CW-2-0/1-0	8260D	Water	T						
410-244867-A-2	HD-MW-67S-0/1-0	8260D	Water	T						
410-244867-A-2 MS	HD-MW-67S-0/1-0 MS	8260D	Water	T	21.5 uL	21.5 uL	21.5 uL			
410-244867-A-2 MSD	HD-MW-67S-0/1-0 MSD	8260D	Water	T	21.5 uL	21.5 uL	21.5 uL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 712926 Batch Start Date: 10/13/25 09:09 Batch Analyst: Kephart, KaylaBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	ResidualChloCh eck	Headspace	Lot#Vial
BFB 410-712926/1		8260D			1 uL	1 uL				
CCVIS 410-712926/5		8260D			5 mL	5 mL				2810
LCS 410-712926/6		8260D			5 mL	5 mL				2810
MB 410-712926/8		8260D			5 mL	5 mL				2810
410-244867-B-9	HD-MW-20S-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_2CEVE 00250	MSV_CCV_EE 00009	MSV_CCV_GASES 01146	MSV_CCV_VOC#1 00257	MSV_CCV_VOC#3 00259	MSV_Cent_ISSS 00043
BFB 410-712926/1		8260D								
CCVIS 410-712926/5		8260D			5 uL	5 uL	2.5 uL	5 uL	4 uL	5 uL
LCS 410-712926/6		8260D								5 uL
MB 410-712926/8		8260D								5 uL
410-244867-B-9	HD-MW-20S-0/1-0	8260D	Water	T						5 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_2CEVE 00252	MSV_LCS_ACROL 00249	MSV_LCS_EE 00012	MSV_LCS_Gases 00272	MSV_LCS_VOC#1 00244	MSV_V_BFB 00019
BFB 410-712926/1		8260D								1 uL
CCVIS 410-712926/5		8260D								
LCS 410-712926/6		8260D			50 uL	50 uL	50 uL	50 uL	50 uL	
MB 410-712926/8		8260D								
410-244867-B-9	HD-MW-20S-0/1-0	8260D	Water	T						

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 712926 Batch Start Date: 10/13/25 09:09 Batch Analyst: Kephart, KaylaBatch Method: 8260D Batch End Date: _____

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 713392 Batch Start Date: 10/13/25 22:34 Batch Analyst: Loeb, KirstenBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	ResidualChloCh eck	Headspace	Lot#Vial
BFB 410-713392/1		8260D			1 uL	1 uL				
CCVIS 410-713392/3		8260D			5 mL	5 mL				2810
LCS 410-713392/4		8260D			5 mL	5 mL				2810
LCSD 410-713392/5		8260D			5 mL	5 mL				2810
MB 410-713392/7		8260D			5 mL	5 mL				2810
410-244867-B-11	HD-MW-16S-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_2CEVE 00250	MSV_CCV_GASES 01122	MSV_CCV_VOC#1 00257	MSV_CCV_VOC#3 00259	MSV_HP20_ISSS 00169	MSV_LCS_2CEVE 00252
BFB 410-713392/1		8260D								
CCVIS 410-713392/3		8260D			5 uL	2.5 uL	5 uL	4 uL	1 uL	
LCS 410-713392/4		8260D							1 uL	50 uL
LCSD 410-713392/5		8260D							1 uL	50 uL
MB 410-713392/7		8260D							1 uL	
410-244867-B-11	HD-MW-16S-0/1-0	8260D	Water	T					1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00249	MSV_LCS_Gases 00272	MSV_LCS_VOC#1 00244	MSV_V_BFB 00019		
BFB 410-713392/1		8260D						1 uL		
CCVIS 410-713392/3		8260D								
LCS 410-713392/4		8260D			50 uL	50 uL	50 uL			
LCSD 410-713392/5		8260D			50 uL	50 uL	50 uL			
MB 410-713392/7		8260D								
410-244867-B-11	HD-MW-16S-0/1-0	8260D	Water	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244867-1

SDG No.: _____

Batch Number: 713392 Batch Start Date: 10/13/25 22:34 Batch Analyst: Loeb, KirstenBatch Method: 8260D Batch End Date: _____

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents



410-244867 Chain of Custody

Environmental Analysis Request/Chain of Custody

Pg. 1 of 2

Acct. # _____ Group # _____ Sample # _____

Client: Groundwater Sciences Corporation				Matrix			Analyses Requested										For Lab Use Only		
Project Name/#: 2025 Comprehensive Sampling		Site ID #: FYNOP, York PA		☐ Tissue			Preservation Codes										SF #: _____		
Project Manager: Chris O'Neil		P.O. #: GSC.0100125300		☐ Ground													SCR #: _____		
Sampler: Casey Littlefield (GSC) Lucas Grimm (LDG)		PWSID #: N/A		☐ Surface															
Phone #: (717) 901-8176 / (717) 756-1246		Quote #:		☐ Potable															
State where samples were collected: York, PA		For Compliance: Yes ☐ No ☒		☐ NPDES															
Sample Identification		Collection		Other:			Total # of Containers										Preservation Codes		
		Date	Time	Grab	Composite	Soil	Water											H = HCl	T = Thiosulfate
HD-CW-1A-0/1-0		9/30/25	1150	X			GW											N = HNO ₃	B = NaOH
HD-CW- ^{COL} HD-MW-675-0/1-0			1335															S = H ₂ SO ₄	P = H ₃ PO ₄
HD-MW-675-0/1-0 MS			1335															O = Other	
HD-MW-675-0/1-0 MSD			1335																
HD-QC2-0/1-1			0800																
HD-MW-67D-0/1-0			1422																Duplicate
HD-QC2-0/1-3			1440																Rinse Blank
HD-QC2-0/1-4			1435																Field Blank
HD-MW-12-0/1-0			1500																
HD-MW-18S-0/1-0			1520																
Turnaround Time Requested (TAT) (please check): Standard ☒ Rush ☐				Relinquished by:			Date: 10/1/25		Time: 0650		Received by:			Date: 10/1/25		Time: 0654			
(Rush TAT is subject to laboratory approval and surcharges.)				Relinquished by:			Date: 10/1/25		Time: 1050		Received by:			Date: 10/1/25		Time: 1050			
Date results are needed: STANDARD				Relinquished by:			Date: 10/1/25		Time: 1930		Received by:			Date: 10/1/25		Time: 1930			
Rush results requested by (please check): E-Mail ☒ Phone ☐				Relinquished by:			Date: 10/1/25		Time: 1930		Received by:			Date: 10/1/25		Time: 1930			
E-mail Address: On-File				Relinquished by:			Date: 10/1/25		Time: 1930		Received by:			Date: 10/1/25		Time: 1930			
Phone: _____				Relinquished by:			Date: 10/1/25		Time: 1930		Received by:			Date: 10/1/25		Time: 1930			
Data Package Options (please check if required)				Relinquished by:			Date: 10/1/25		Time: 1930		Received by:			Date: 10/1/25		Time: 1930			
Type I (Validation/non-CLP) ☐ MA MCP ☐				Relinquished by:			Date: 10/1/25		Time: 1930		Received by:			Date: 10/1/25		Time: 1930			
Type III (Reduced non-CLP) ☐ CT RCP ☐				Relinquished by:			Date: 10/1/25		Time: 1930		Received by:			Date: 10/1/25		Time: 1930			
Type VI (Raw Data Only) ☐ TX TRRP-13 ☐				Relinquished by:			Date: 10/1/25		Time: 1930		Received by:			Date: 10/1/25		Time: 1930			
NJ DKQP ☐ NYSDEC Category ☐ A or ☐ B				Relinquished by:			Date: 10/1/25		Time: 1930		Received by:			Date: 10/1/25		Time: 1930			
CLP Like Deliverables, Project Specific Analyte List				Relinquished by:			Date: 10/1/25		Time: 1930		Received by:			Date: 10/1/25		Time: 1930			
EDD Required? Yes ☒ No ☐				Relinquished by:			Date: 10/1/25		Time: 1930		Received by:			Date: 10/1/25		Time: 1930			
If yes, format: _____				Relinquished by:			Date: 10/1/25		Time: 1930		Received by:			Date: 10/1/25		Time: 1930			
UPS _____ FedEx _____ Other ☒				Relinquished by:			Date: 10/1/25		Time: 1930		Received by:			Date: 10/1/25		Time: 1930			
Temperature upon receipt: 2:3.1 C:3.0°C				Relinquished by:			Date: 10/1/25		Time: 1930		Received by:			Date: 10/1/25		Time: 1930			

Acct. # _____ Group # _____ Sample # _____

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[illegible]

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Login Sample Receipt Checklist

Client: Verdantas

Job Number: 410-244867-1

Login Number: 244867

List Number: 1

Creator: Reynolds, Benjamin

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(<=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (<=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	