



ANALYTICAL REPORT

PREPARED FOR

Attn: Christopher O'Neil
Verdantas
2550 Interstate Drive
Suite 303
Harrisburg PA 17110

Generated 12/07/2025

JOB DESCRIPTION

nYNOP Monthly Surface Water

JOB NUMBER

410-254861-1

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
12/07/2025

Authorized for release by
Kelly Gallagher, Project Manager
kelly.gallagher@et.eurofinsus.com
717 205-7820

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Definitions/Glossary

Client: Verdantas

Job ID: 410-254861-1

Project/Site: nYNOP Monthly Surface Water

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
^c	CCV Recovery is outside acceptance limits.
cn	Refer to Case Narrative for further detail
FH	MS and/or MSD recovery above control limits.
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
410-254861-1**

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 11/25/2025 6:00 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_LL: The continuing calibration verification (CCV) associated with batch 410-738847 recovered outside acceptance criteria, low biased, for Bromoform. 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.

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: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD-COD-SW-6-0/1-0

Lab Sample ID: 410-254861-1

No Detections.

Client Sample ID: HD-COD-SW-7-0/1-0

Lab Sample ID: 410-254861-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.13	J	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.29	J	0.50	0.080	ug/L	1		8260D	Total/NA
Trichloroethene	0.39	J	0.50	0.080	ug/L	1		8260D	Total/NA

Client Sample ID: HD-COD-SW-8-0/1-0

Lab Sample ID: 410-254861-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.097	J	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.30	J	0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	1.1		0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	0.37	J	0.50	0.080	ug/L	1		8260D	Total/NA

Client Sample ID: HD-COD-SW-9-0/1-0

Lab Sample ID: 410-254861-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.13	J	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.19	J	0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.28	J	0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	0.22	J	0.50	0.080	ug/L	1		8260D	Total/NA

Client Sample ID: HD-COD-SW-13-0/1-0

Lab Sample ID: 410-254861-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.20	J	0.50	0.080	ug/L	1		8260D	Total/NA
Chloroform	0.094	J	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.36	J	0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	2.7		0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	0.42	J	0.50	0.080	ug/L	1		8260D	Total/NA

Client Sample ID: HD-COD-SW-15-0/1-0

Lab Sample ID: 410-254861-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.34	J	0.50	0.080	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	0.11	J FH	0.50	0.10	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	0.21	J	0.50	0.10	ug/L	1		8260D	Total/NA
Chloroform	0.19	J	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	1.4	FH	0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	4.8		0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	1.4		0.50	0.080	ug/L	1		8260D	Total/NA

Client Sample ID: HD-COD-SW-16-0/1-0

Lab Sample ID: 410-254861-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.17	J	0.50	0.080	ug/L	1		8260D	Total/NA
Acetone	1.7	J	5.0	1.5	ug/L	1		8260D	Total/NA
Chloroform	0.10	J	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.34	J	0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	2.6		0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	0.42	J	0.50	0.080	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: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD-COD-SW-17-0/1-0

Lab Sample ID: 410-254861-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	12		0.50	0.080	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	2.1		0.50	0.10	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	0.94		0.50	0.10	ug/L	1		8260D	Total/NA
Chloroform	0.18	J	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.8		0.50	0.080	ug/L	1		8260D	Total/NA
Trichloroethene	4.6		0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	130		10	4.0	ug/L	20		8260D	Total/NA

Client Sample ID: HD-COD-SW-26-0/1-0

Lab Sample ID: 410-254861-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromodichloromethane	0.12	J	0.50	0.080	ug/L	1		8260D	Total/NA
Chloroform	1.1		0.50	0.090	ug/L	1		8260D	Total/NA
Tetrachloroethene	2.7		0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	0.14	J	0.50	0.080	ug/L	1		8260D	Total/NA

Client Sample ID: HD-COD-SW-27-0/1-0

Lab Sample ID: 410-254861-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.9	J	5.0	1.5	ug/L	1		8260D	Total/NA
Bromodichloromethane	0.20	J	0.50	0.080	ug/L	1		8260D	Total/NA
Chloroform	1.0		0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.24	J	0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.46	J	0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	0.30	J	0.50	0.080	ug/L	1		8260D	Total/NA

Client Sample ID: HD-COD-SW-28-0/1-0

Lab Sample ID: 410-254861-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.13	J	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.15	J	0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.24	J	0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	0.18	J	0.50	0.080	ug/L	1		8260D	Total/NA

Client Sample ID: HD-COD-SW-29-0/1-0

Lab Sample ID: 410-254861-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.9	J	5.0	1.5	ug/L	1		8260D	Total/NA
Chloroform	0.11	J	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.32	J	0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.86		0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	0.38	J	0.50	0.080	ug/L	1		8260D	Total/NA

Client Sample ID: HD0QC1-0/1-1

Lab Sample ID: 410-254861-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	12		0.50	0.080	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	2.1		0.50	0.10	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	0.94		0.50	0.10	ug/L	1		8260D	Total/NA
Chloroform	0.19	J	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.8		0.50	0.080	ug/L	1		8260D	Total/NA
Trichloroethene	4.7		0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	150		5.0	2.0	ug/L	10		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

Detection Summary

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD0QC1-0/1-2 Lab Sample ID: 410-254861-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.14	J	1.0	0.10	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD-COD-SW-6-0/1-0

Lab Sample ID: 410-254861-1

Date Collected: 11/24/25 10:50

Matrix: Water

Date Received: 11/25/25 18:00

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		0.50	0.070	ug/L			12/04/25 02:06	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 02:06	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			12/04/25 02:06	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 02:06	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			12/04/25 02:06	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 02:06	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			12/04/25 02:06	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			12/04/25 02:06	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			12/04/25 02:06	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			12/04/25 02:06	1
2-Hexanone	ND		5.0	2.0	ug/L			12/04/25 02:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			12/04/25 02:06	1
Acetone	ND		5.0	1.5	ug/L			12/04/25 02:06	1
Benzene	ND		0.50	0.10	ug/L			12/04/25 02:06	1
Bromochloromethane	ND		0.50	0.080	ug/L			12/04/25 02:06	1
Bromodichloromethane	ND		0.50	0.080	ug/L			12/04/25 02:06	1
Bromoform	ND		1.0	0.30	ug/L			12/04/25 02:06	1
Bromomethane	ND		0.50	0.10	ug/L			12/04/25 02:06	1
Carbon disulfide	ND		1.0	0.10	ug/L			12/04/25 02:06	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			12/04/25 02:06	1
Chlorobenzene	ND		0.50	0.070	ug/L			12/04/25 02:06	1
Chloroethane	ND		0.50	0.10	ug/L			12/04/25 02:06	1
Chloroform	ND		0.50	0.090	ug/L			12/04/25 02:06	1
Chloromethane	ND		0.50	0.10	ug/L			12/04/25 02:06	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			12/04/25 02:06	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/04/25 02:06	1
Dibromochloromethane	ND		0.50	0.080	ug/L			12/04/25 02:06	1
Ethylbenzene	ND		0.50	0.080	ug/L			12/04/25 02:06	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			12/04/25 02:06	1
Methylene Chloride	ND		0.50	0.20	ug/L			12/04/25 02:06	1
Styrene	ND		0.50	0.070	ug/L			12/04/25 02:06	1
Tetrachloroethene	ND		0.50	0.20	ug/L			12/04/25 02:06	1
Toluene	ND		0.50	0.080	ug/L			12/04/25 02:06	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 02:06	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/04/25 02:06	1
Trichloroethene	ND		0.50	0.080	ug/L			12/04/25 02:06	1
Vinyl chloride	ND		0.50	0.10	ug/L			12/04/25 02:06	1
Xylenes, Total	ND		1.0	0.070	ug/L			12/04/25 02:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		80 - 120		12/04/25 02:06	1
4-Bromofluorobenzene (Surr)	98		80 - 120		12/04/25 02:06	1
Dibromofluoromethane (Surr)	98		80 - 120		12/04/25 02:06	1
Toluene-d8 (Surr)	100		80 - 120		12/04/25 02:06	1

Client Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD-COD-SW-7-0/1-0

Lab Sample ID: 410-254861-2

Date Collected: 11/24/25 11:33

Matrix: Water

Date Received: 11/25/25 18:00

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		0.50	0.070	ug/L			12/04/25 02:26	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 02:26	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			12/04/25 02:26	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 02:26	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			12/04/25 02:26	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 02:26	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			12/04/25 02:26	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			12/04/25 02:26	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			12/04/25 02:26	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			12/04/25 02:26	1
2-Hexanone	ND		5.0	2.0	ug/L			12/04/25 02:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			12/04/25 02:26	1
Acetone	ND		5.0	1.5	ug/L			12/04/25 02:26	1
Benzene	ND		0.50	0.10	ug/L			12/04/25 02:26	1
Bromochloromethane	ND		0.50	0.080	ug/L			12/04/25 02:26	1
Bromodichloromethane	ND		0.50	0.080	ug/L			12/04/25 02:26	1
Bromoform	ND		1.0	0.30	ug/L			12/04/25 02:26	1
Bromomethane	ND		0.50	0.10	ug/L			12/04/25 02:26	1
Carbon disulfide	ND		1.0	0.10	ug/L			12/04/25 02:26	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			12/04/25 02:26	1
Chlorobenzene	ND		0.50	0.070	ug/L			12/04/25 02:26	1
Chloroethane	ND		0.50	0.10	ug/L			12/04/25 02:26	1
Chloroform	0.13	J	0.50	0.090	ug/L			12/04/25 02:26	1
Chloromethane	ND		0.50	0.10	ug/L			12/04/25 02:26	1
cis-1,2-Dichloroethene	0.29	J	0.50	0.080	ug/L			12/04/25 02:26	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/04/25 02:26	1
Dibromochloromethane	ND		0.50	0.080	ug/L			12/04/25 02:26	1
Ethylbenzene	ND		0.50	0.080	ug/L			12/04/25 02:26	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			12/04/25 02:26	1
Methylene Chloride	ND		0.50	0.20	ug/L			12/04/25 02:26	1
Styrene	ND		0.50	0.070	ug/L			12/04/25 02:26	1
Tetrachloroethene	ND		0.50	0.20	ug/L			12/04/25 02:26	1
Toluene	ND		0.50	0.080	ug/L			12/04/25 02:26	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 02:26	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/04/25 02:26	1
Trichloroethene	0.39	J	0.50	0.080	ug/L			12/04/25 02:26	1
Vinyl chloride	ND		0.50	0.10	ug/L			12/04/25 02:26	1
Xylenes, Total	ND		1.0	0.070	ug/L			12/04/25 02:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 120					12/04/25 02:26	1
4-Bromofluorobenzene (Surr)	97		80 - 120					12/04/25 02:26	1
Dibromofluoromethane (Surr)	99		80 - 120					12/04/25 02:26	1
Toluene-d8 (Surr)	100		80 - 120					12/04/25 02:26	1

Client Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD-COD-SW-8-0/1-0

Lab Sample ID: 410-254861-3

Date Collected: 11/24/25 09:40

Matrix: Water

Date Received: 11/25/25 18:00

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		0.50	0.070	ug/L			12/04/25 02:47	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 02:47	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			12/04/25 02:47	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 02:47	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			12/04/25 02:47	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 02:47	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			12/04/25 02:47	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			12/04/25 02:47	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			12/04/25 02:47	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			12/04/25 02:47	1
2-Hexanone	ND		5.0	2.0	ug/L			12/04/25 02:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			12/04/25 02:47	1
Acetone	ND		5.0	1.5	ug/L			12/04/25 02:47	1
Benzene	ND		0.50	0.10	ug/L			12/04/25 02:47	1
Bromochloromethane	ND		0.50	0.080	ug/L			12/04/25 02:47	1
Bromodichloromethane	ND		0.50	0.080	ug/L			12/04/25 02:47	1
Bromoform	ND		1.0	0.30	ug/L			12/04/25 02:47	1
Bromomethane	ND		0.50	0.10	ug/L			12/04/25 02:47	1
Carbon disulfide	ND		1.0	0.10	ug/L			12/04/25 02:47	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			12/04/25 02:47	1
Chlorobenzene	ND		0.50	0.070	ug/L			12/04/25 02:47	1
Chloroethane	ND		0.50	0.10	ug/L			12/04/25 02:47	1
Chloroform	0.097	J	0.50	0.090	ug/L			12/04/25 02:47	1
Chloromethane	ND		0.50	0.10	ug/L			12/04/25 02:47	1
cis-1,2-Dichloroethene	0.30	J	0.50	0.080	ug/L			12/04/25 02:47	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/04/25 02:47	1
Dibromochloromethane	ND		0.50	0.080	ug/L			12/04/25 02:47	1
Ethylbenzene	ND		0.50	0.080	ug/L			12/04/25 02:47	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			12/04/25 02:47	1
Methylene Chloride	ND		0.50	0.20	ug/L			12/04/25 02:47	1
Styrene	ND		0.50	0.070	ug/L			12/04/25 02:47	1
Tetrachloroethene	1.1		0.50	0.20	ug/L			12/04/25 02:47	1
Toluene	ND		0.50	0.080	ug/L			12/04/25 02:47	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 02:47	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/04/25 02:47	1
Trichloroethene	0.37	J	0.50	0.080	ug/L			12/04/25 02:47	1
Vinyl chloride	ND		0.50	0.10	ug/L			12/04/25 02:47	1
Xylenes, Total	ND		1.0	0.070	ug/L			12/04/25 02:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		12/04/25 02:47	1
4-Bromofluorobenzene (Surr)	96		80 - 120		12/04/25 02:47	1
Dibromofluoromethane (Surr)	99		80 - 120		12/04/25 02:47	1
Toluene-d8 (Surr)	100		80 - 120		12/04/25 02:47	1

Client Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD-COD-SW-9-0/1-0

Lab Sample ID: 410-254861-4

Date Collected: 11/24/25 12:58

Matrix: Water

Date Received: 11/25/25 18:00

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		0.50	0.070	ug/L			12/04/25 03:08	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 03:08	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			12/04/25 03:08	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 03:08	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			12/04/25 03:08	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 03:08	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			12/04/25 03:08	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			12/04/25 03:08	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			12/04/25 03:08	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			12/04/25 03:08	1
2-Hexanone	ND		5.0	2.0	ug/L			12/04/25 03:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			12/04/25 03:08	1
Acetone	ND		5.0	1.5	ug/L			12/04/25 03:08	1
Benzene	ND		0.50	0.10	ug/L			12/04/25 03:08	1
Bromochloromethane	ND		0.50	0.080	ug/L			12/04/25 03:08	1
Bromodichloromethane	ND		0.50	0.080	ug/L			12/04/25 03:08	1
Bromoform	ND		1.0	0.30	ug/L			12/04/25 03:08	1
Bromomethane	ND		0.50	0.10	ug/L			12/04/25 03:08	1
Carbon disulfide	ND		1.0	0.10	ug/L			12/04/25 03:08	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			12/04/25 03:08	1
Chlorobenzene	ND		0.50	0.070	ug/L			12/04/25 03:08	1
Chloroethane	ND		0.50	0.10	ug/L			12/04/25 03:08	1
Chloroform	0.13	J	0.50	0.090	ug/L			12/04/25 03:08	1
Chloromethane	ND		0.50	0.10	ug/L			12/04/25 03:08	1
cis-1,2-Dichloroethene	0.19	J	0.50	0.080	ug/L			12/04/25 03:08	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/04/25 03:08	1
Dibromochloromethane	ND		0.50	0.080	ug/L			12/04/25 03:08	1
Ethylbenzene	ND		0.50	0.080	ug/L			12/04/25 03:08	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			12/04/25 03:08	1
Methylene Chloride	ND		0.50	0.20	ug/L			12/04/25 03:08	1
Styrene	ND		0.50	0.070	ug/L			12/04/25 03:08	1
Tetrachloroethene	0.28	J	0.50	0.20	ug/L			12/04/25 03:08	1
Toluene	ND		0.50	0.080	ug/L			12/04/25 03:08	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 03:08	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/04/25 03:08	1
Trichloroethene	0.22	J	0.50	0.080	ug/L			12/04/25 03:08	1
Vinyl chloride	ND		0.50	0.10	ug/L			12/04/25 03:08	1
Xylenes, Total	ND		1.0	0.070	ug/L			12/04/25 03:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		80 - 120		12/04/25 03:08	1
4-Bromofluorobenzene (Surr)	98		80 - 120		12/04/25 03:08	1
Dibromofluoromethane (Surr)	99		80 - 120		12/04/25 03:08	1
Toluene-d8 (Surr)	100		80 - 120		12/04/25 03:08	1

Client Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD-COD-SW-13-0/1-0

Lab Sample ID: 410-254861-5

Date Collected: 11/24/25 09:57

Matrix: Water

Date Received: 11/25/25 18:00

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		0.50	0.070	ug/L			12/04/25 03:29	1
1,1,1-Trichloroethane	0.20	J	0.50	0.080	ug/L			12/04/25 03:29	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			12/04/25 03:29	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 03:29	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			12/04/25 03:29	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 03:29	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			12/04/25 03:29	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			12/04/25 03:29	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			12/04/25 03:29	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			12/04/25 03:29	1
2-Hexanone	ND		5.0	2.0	ug/L			12/04/25 03:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			12/04/25 03:29	1
Acetone	ND		5.0	1.5	ug/L			12/04/25 03:29	1
Benzene	ND		0.50	0.10	ug/L			12/04/25 03:29	1
Bromochloromethane	ND		0.50	0.080	ug/L			12/04/25 03:29	1
Bromodichloromethane	ND		0.50	0.080	ug/L			12/04/25 03:29	1
Bromoform	ND		1.0	0.30	ug/L			12/04/25 03:29	1
Bromomethane	ND		0.50	0.10	ug/L			12/04/25 03:29	1
Carbon disulfide	ND		1.0	0.10	ug/L			12/04/25 03:29	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			12/04/25 03:29	1
Chlorobenzene	ND		0.50	0.070	ug/L			12/04/25 03:29	1
Chloroethane	ND		0.50	0.10	ug/L			12/04/25 03:29	1
Chloroform	0.094	J	0.50	0.090	ug/L			12/04/25 03:29	1
Chloromethane	ND		0.50	0.10	ug/L			12/04/25 03:29	1
cis-1,2-Dichloroethene	0.36	J	0.50	0.080	ug/L			12/04/25 03:29	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/04/25 03:29	1
Dibromochloromethane	ND		0.50	0.080	ug/L			12/04/25 03:29	1
Ethylbenzene	ND		0.50	0.080	ug/L			12/04/25 03:29	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			12/04/25 03:29	1
Methylene Chloride	ND		0.50	0.20	ug/L			12/04/25 03:29	1
Styrene	ND		0.50	0.070	ug/L			12/04/25 03:29	1
Tetrachloroethene	2.7		0.50	0.20	ug/L			12/04/25 03:29	1
Toluene	ND		0.50	0.080	ug/L			12/04/25 03:29	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 03:29	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/04/25 03:29	1
Trichloroethene	0.42	J	0.50	0.080	ug/L			12/04/25 03:29	1
Vinyl chloride	ND		0.50	0.10	ug/L			12/04/25 03:29	1
Xylenes, Total	ND		1.0	0.070	ug/L			12/04/25 03:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		80 - 120		12/04/25 03:29	1
4-Bromofluorobenzene (Surr)	97		80 - 120		12/04/25 03:29	1
Dibromofluoromethane (Surr)	98		80 - 120		12/04/25 03:29	1
Toluene-d8 (Surr)	101		80 - 120		12/04/25 03:29	1

Client Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD-COD-SW-15-0/1-0

Lab Sample ID: 410-254861-6

Date Collected: 11/24/25 12:00

Matrix: Water

Date Received: 11/25/25 18:00

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		0.50	0.070	ug/L			12/04/25 01:04	1
1,1,1-Trichloroethane	0.34	J	0.50	0.080	ug/L			12/04/25 01:04	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			12/04/25 01:04	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 01:04	1
1,1-Dichloroethane	0.11	J FH	0.50	0.10	ug/L			12/04/25 01:04	1
1,1-Dichloroethene	0.21	J	0.50	0.10	ug/L			12/04/25 01:04	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			12/04/25 01:04	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			12/04/25 01:04	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			12/04/25 01:04	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			12/04/25 01:04	1
2-Hexanone	ND		5.0	2.0	ug/L			12/04/25 01:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			12/04/25 01:04	1
Acetone	ND		5.0	1.5	ug/L			12/04/25 01:04	1
Benzene	ND		0.50	0.10	ug/L			12/04/25 01:04	1
Bromochloromethane	ND		0.50	0.080	ug/L			12/04/25 01:04	1
Bromodichloromethane	ND		0.50	0.080	ug/L			12/04/25 01:04	1
Bromoform	ND		1.0	0.30	ug/L			12/04/25 01:04	1
Bromomethane	ND		0.50	0.10	ug/L			12/04/25 01:04	1
Carbon disulfide	ND		1.0	0.10	ug/L			12/04/25 01:04	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			12/04/25 01:04	1
Chlorobenzene	ND		0.50	0.070	ug/L			12/04/25 01:04	1
Chloroethane	ND		0.50	0.10	ug/L			12/04/25 01:04	1
Chloroform	0.19	J	0.50	0.090	ug/L			12/04/25 01:04	1
Chloromethane	ND		0.50	0.10	ug/L			12/04/25 01:04	1
cis-1,2-Dichloroethene	1.4	FH	0.50	0.080	ug/L			12/04/25 01:04	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/04/25 01:04	1
Dibromochloromethane	ND		0.50	0.080	ug/L			12/04/25 01:04	1
Ethylbenzene	ND		0.50	0.080	ug/L			12/04/25 01:04	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			12/04/25 01:04	1
Methylene Chloride	ND		0.50	0.20	ug/L			12/04/25 01:04	1
Styrene	ND		0.50	0.070	ug/L			12/04/25 01:04	1
Tetrachloroethene	4.8		0.50	0.20	ug/L			12/04/25 01:04	1
Toluene	ND		0.50	0.080	ug/L			12/04/25 01:04	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 01:04	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/04/25 01:04	1
Trichloroethene	1.4		0.50	0.080	ug/L			12/04/25 01:04	1
Vinyl chloride	ND		0.50	0.10	ug/L			12/04/25 01:04	1
Xylenes, Total	ND		1.0	0.070	ug/L			12/04/25 01:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		80 - 120		12/04/25 01:04	1
4-Bromofluorobenzene (Surr)	97		80 - 120		12/04/25 01:04	1
Dibromofluoromethane (Surr)	98		80 - 120		12/04/25 01:04	1
Toluene-d8 (Surr)	100		80 - 120		12/04/25 01:04	1

Client Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD-COD-SW-16-0/1-0

Lab Sample ID: 410-254861-7

Date Collected: 11/24/25 10:20

Matrix: Water

Date Received: 11/25/25 18:00

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		0.50	0.070	ug/L			12/04/25 03:01	1
1,1,1-Trichloroethane	0.17	J	0.50	0.080	ug/L			12/04/25 03:01	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			12/04/25 03:01	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 03:01	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			12/04/25 03:01	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 03:01	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			12/04/25 03:01	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			12/04/25 03:01	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			12/04/25 03:01	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			12/04/25 03:01	1
2-Hexanone	ND		5.0	2.0	ug/L			12/04/25 03:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			12/04/25 03:01	1
Acetone	1.7	J	5.0	1.5	ug/L			12/04/25 03:01	1
Benzene	ND		0.50	0.10	ug/L			12/04/25 03:01	1
Bromochloromethane	ND		0.50	0.080	ug/L			12/04/25 03:01	1
Bromodichloromethane	ND		0.50	0.080	ug/L			12/04/25 03:01	1
Bromoform	ND		1.0	0.30	ug/L			12/04/25 03:01	1
Bromomethane	ND		0.50	0.10	ug/L			12/04/25 03:01	1
Carbon disulfide	ND		1.0	0.10	ug/L			12/04/25 03:01	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			12/04/25 03:01	1
Chlorobenzene	ND		0.50	0.070	ug/L			12/04/25 03:01	1
Chloroethane	ND		0.50	0.10	ug/L			12/04/25 03:01	1
Chloroform	0.10	J	0.50	0.090	ug/L			12/04/25 03:01	1
Chloromethane	ND		0.50	0.10	ug/L			12/04/25 03:01	1
cis-1,2-Dichloroethene	0.34	J	0.50	0.080	ug/L			12/04/25 03:01	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/04/25 03:01	1
Dibromochloromethane	ND		0.50	0.080	ug/L			12/04/25 03:01	1
Ethylbenzene	ND		0.50	0.080	ug/L			12/04/25 03:01	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			12/04/25 03:01	1
Methylene Chloride	ND		0.50	0.20	ug/L			12/04/25 03:01	1
Styrene	ND		0.50	0.070	ug/L			12/04/25 03:01	1
Tetrachloroethene	2.6		0.50	0.20	ug/L			12/04/25 03:01	1
Toluene	ND		0.50	0.080	ug/L			12/04/25 03:01	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 03:01	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/04/25 03:01	1
Trichloroethene	0.42	J	0.50	0.080	ug/L			12/04/25 03:01	1
Vinyl chloride	ND		0.50	0.10	ug/L			12/04/25 03:01	1
Xylenes, Total	ND		1.0	0.070	ug/L			12/04/25 03:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		80 - 120		12/04/25 03:01	1
4-Bromofluorobenzene (Surr)	100		80 - 120		12/04/25 03:01	1
Dibromofluoromethane (Surr)	96		80 - 120		12/04/25 03:01	1
Toluene-d8 (Surr)	100		80 - 120		12/04/25 03:01	1

Client Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD-COD-SW-17-0/1-0

Lab Sample ID: 410-254861-8

Date Collected: 11/24/25 10:32

Matrix: Water

Date Received: 11/25/25 18:00

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		0.50	0.070	ug/L			12/04/25 03:23	1
1,1,1-Trichloroethane	12		0.50	0.080	ug/L			12/04/25 03:23	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			12/04/25 03:23	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 03:23	1
1,1-Dichloroethane	2.1		0.50	0.10	ug/L			12/04/25 03:23	1
1,1-Dichloroethene	0.94		0.50	0.10	ug/L			12/04/25 03:23	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			12/04/25 03:23	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			12/04/25 03:23	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			12/04/25 03:23	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			12/04/25 03:23	1
2-Hexanone	ND		5.0	2.0	ug/L			12/04/25 03:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			12/04/25 03:23	1
Acetone	ND		5.0	1.5	ug/L			12/04/25 03:23	1
Benzene	ND		0.50	0.10	ug/L			12/04/25 03:23	1
Bromochloromethane	ND		0.50	0.080	ug/L			12/04/25 03:23	1
Bromodichloromethane	ND		0.50	0.080	ug/L			12/04/25 03:23	1
Bromoform	ND		1.0	0.30	ug/L			12/04/25 03:23	1
Bromomethane	ND		0.50	0.10	ug/L			12/04/25 03:23	1
Carbon disulfide	ND		1.0	0.10	ug/L			12/04/25 03:23	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			12/04/25 03:23	1
Chlorobenzene	ND		0.50	0.070	ug/L			12/04/25 03:23	1
Chloroethane	ND		0.50	0.10	ug/L			12/04/25 03:23	1
Chloroform	0.18	J	0.50	0.090	ug/L			12/04/25 03:23	1
Chloromethane	ND		0.50	0.10	ug/L			12/04/25 03:23	1
cis-1,2-Dichloroethene	2.8		0.50	0.080	ug/L			12/04/25 03:23	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/04/25 03:23	1
Dibromochloromethane	ND		0.50	0.080	ug/L			12/04/25 03:23	1
Ethylbenzene	ND		0.50	0.080	ug/L			12/04/25 03:23	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			12/04/25 03:23	1
Methylene Chloride	ND		0.50	0.20	ug/L			12/04/25 03:23	1
Styrene	ND		0.50	0.070	ug/L			12/04/25 03:23	1
Toluene	ND		0.50	0.080	ug/L			12/04/25 03:23	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 03:23	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/04/25 03:23	1
Trichloroethene	4.6		0.50	0.080	ug/L			12/04/25 03:23	1
Vinyl chloride	ND		0.50	0.10	ug/L			12/04/25 03:23	1
Xylenes, Total	ND		1.0	0.070	ug/L			12/04/25 03:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		80 - 120		12/04/25 03:23	1
4-Bromofluorobenzene (Surr)	101		80 - 120		12/04/25 03:23	1
Dibromofluoromethane (Surr)	98		80 - 120		12/04/25 03:23	1
Toluene-d8 (Surr)	101		80 - 120		12/04/25 03:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	130		10	4.0	ug/L			12/04/25 16:22	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		12/04/25 16:22	20

Client Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD-COD-SW-17-0/1-0

Lab Sample ID: 410-254861-8

Date Collected: 11/24/25 10:32

Matrix: Water

Date Received: 11/25/25 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		80 - 120		12/04/25 16:22	20
Dibromofluoromethane (Surr)	105		80 - 120		12/04/25 16:22	20
Toluene-d8 (Surr)	98		80 - 120		12/04/25 16:22	20

Client Sample ID: HD-COD-SW-26-0/1-0

Lab Sample ID: 410-254861-9

Date Collected: 11/24/25 11:16

Matrix: Water

Date Received: 11/25/25 18:00

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		0.50	0.070	ug/L			12/04/25 14:58	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 14:58	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			12/04/25 14:58	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 14:58	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			12/04/25 14:58	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 14:58	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			12/04/25 14:58	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			12/04/25 14:58	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			12/04/25 14:58	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			12/04/25 14:58	1
2-Hexanone	ND		5.0	2.0	ug/L			12/04/25 14:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			12/04/25 14:58	1
Acetone	ND		5.0	1.5	ug/L			12/04/25 14:58	1
Benzene	ND		0.50	0.10	ug/L			12/04/25 14:58	1
Bromochloromethane	ND		0.50	0.080	ug/L			12/04/25 14:58	1
Bromodichloromethane	0.12	J	0.50	0.080	ug/L			12/04/25 14:58	1
Bromoform	ND	^c cn	1.0	0.30	ug/L			12/04/25 14:58	1
Bromomethane	ND		0.50	0.10	ug/L			12/04/25 14:58	1
Carbon disulfide	ND		1.0	0.10	ug/L			12/04/25 14:58	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			12/04/25 14:58	1
Chlorobenzene	ND		0.50	0.070	ug/L			12/04/25 14:58	1
Chloroethane	ND		0.50	0.10	ug/L			12/04/25 14:58	1
Chloroform	1.1		0.50	0.090	ug/L			12/04/25 14:58	1
Chloromethane	ND		0.50	0.10	ug/L			12/04/25 14:58	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			12/04/25 14:58	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/04/25 14:58	1
Dibromochloromethane	ND		0.50	0.080	ug/L			12/04/25 14:58	1
Ethylbenzene	ND		0.50	0.080	ug/L			12/04/25 14:58	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			12/04/25 14:58	1
Methylene Chloride	ND		0.50	0.20	ug/L			12/04/25 14:58	1
Styrene	ND		0.50	0.070	ug/L			12/04/25 14:58	1
Tetrachloroethene	2.7		0.50	0.20	ug/L			12/04/25 14:58	1
Toluene	ND		0.50	0.080	ug/L			12/04/25 14:58	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 14:58	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/04/25 14:58	1
Trichloroethene	0.14	J	0.50	0.080	ug/L			12/04/25 14:58	1
Vinyl chloride	ND		0.50	0.10	ug/L			12/04/25 14:58	1
Xylenes, Total	ND		1.0	0.070	ug/L			12/04/25 14:58	1

Client Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD-COD-SW-26-0/1-0

Lab Sample ID: 410-254861-9

Date Collected: 11/24/25 11:16

Matrix: Water

Date Received: 11/25/25 18:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		12/04/25 14:58	1
4-Bromofluorobenzene (Surr)	93		80 - 120		12/04/25 14:58	1
Dibromofluoromethane (Surr)	103		80 - 120		12/04/25 14:58	1
Toluene-d8 (Surr)	100		80 - 120		12/04/25 14:58	1

Client Sample ID: HD-COD-SW-27-0/1-0

Lab Sample ID: 410-254861-10

Date Collected: 11/24/25 11:47

Matrix: Water

Date Received: 11/25/25 18:00

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		0.50	0.070	ug/L			12/04/25 15:19	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 15:19	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			12/04/25 15:19	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 15:19	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			12/04/25 15:19	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 15:19	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			12/04/25 15:19	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			12/04/25 15:19	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			12/04/25 15:19	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			12/04/25 15:19	1
2-Hexanone	ND		5.0	2.0	ug/L			12/04/25 15:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			12/04/25 15:19	1
Acetone	1.9	J	5.0	1.5	ug/L			12/04/25 15:19	1
Benzene	ND		0.50	0.10	ug/L			12/04/25 15:19	1
Bromochloromethane	ND		0.50	0.080	ug/L			12/04/25 15:19	1
Bromodichloromethane	0.20	J	0.50	0.080	ug/L			12/04/25 15:19	1
Bromoform	ND	^c cn	1.0	0.30	ug/L			12/04/25 15:19	1
Bromomethane	ND		0.50	0.10	ug/L			12/04/25 15:19	1
Carbon disulfide	ND		1.0	0.10	ug/L			12/04/25 15:19	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			12/04/25 15:19	1
Chlorobenzene	ND		0.50	0.070	ug/L			12/04/25 15:19	1
Chloroethane	ND		0.50	0.10	ug/L			12/04/25 15:19	1
Chloroform	1.0		0.50	0.090	ug/L			12/04/25 15:19	1
Chloromethane	ND		0.50	0.10	ug/L			12/04/25 15:19	1
cis-1,2-Dichloroethene	0.24	J	0.50	0.080	ug/L			12/04/25 15:19	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/04/25 15:19	1
Dibromochloromethane	ND		0.50	0.080	ug/L			12/04/25 15:19	1
Ethylbenzene	ND		0.50	0.080	ug/L			12/04/25 15:19	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			12/04/25 15:19	1
Methylene Chloride	ND		0.50	0.20	ug/L			12/04/25 15:19	1
Styrene	ND		0.50	0.070	ug/L			12/04/25 15:19	1
Tetrachloroethene	0.46	J	0.50	0.20	ug/L			12/04/25 15:19	1
Toluene	ND		0.50	0.080	ug/L			12/04/25 15:19	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 15:19	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/04/25 15:19	1
Trichloroethene	0.30	J	0.50	0.080	ug/L			12/04/25 15:19	1
Vinyl chloride	ND		0.50	0.10	ug/L			12/04/25 15:19	1
Xylenes, Total	ND		1.0	0.070	ug/L			12/04/25 15:19	1

Client Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD-COD-SW-27-0/1-0

Lab Sample ID: 410-254861-10

Date Collected: 11/24/25 11:47

Matrix: Water

Date Received: 11/25/25 18:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		12/04/25 15:19	1
4-Bromofluorobenzene (Surr)	92		80 - 120		12/04/25 15:19	1
Dibromofluoromethane (Surr)	105		80 - 120		12/04/25 15:19	1
Toluene-d8 (Surr)	100		80 - 120		12/04/25 15:19	1

Client Sample ID: HD-COD-SW-28-0/1-0

Lab Sample ID: 410-254861-11

Date Collected: 11/24/25 13:12

Matrix: Water

Date Received: 11/25/25 18:00

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		0.50	0.070	ug/L			12/04/25 15:40	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 15:40	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			12/04/25 15:40	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 15:40	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			12/04/25 15:40	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 15:40	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			12/04/25 15:40	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			12/04/25 15:40	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			12/04/25 15:40	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			12/04/25 15:40	1
2-Hexanone	ND		5.0	2.0	ug/L			12/04/25 15:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			12/04/25 15:40	1
Acetone	ND		5.0	1.5	ug/L			12/04/25 15:40	1
Benzene	ND		0.50	0.10	ug/L			12/04/25 15:40	1
Bromochloromethane	ND		0.50	0.080	ug/L			12/04/25 15:40	1
Bromodichloromethane	ND		0.50	0.080	ug/L			12/04/25 15:40	1
Bromoform	ND	^c cn	1.0	0.30	ug/L			12/04/25 15:40	1
Bromomethane	ND		0.50	0.10	ug/L			12/04/25 15:40	1
Carbon disulfide	ND		1.0	0.10	ug/L			12/04/25 15:40	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			12/04/25 15:40	1
Chlorobenzene	ND		0.50	0.070	ug/L			12/04/25 15:40	1
Chloroethane	ND		0.50	0.10	ug/L			12/04/25 15:40	1
Chloroform	0.13	J	0.50	0.090	ug/L			12/04/25 15:40	1
Chloromethane	ND		0.50	0.10	ug/L			12/04/25 15:40	1
cis-1,2-Dichloroethene	0.15	J	0.50	0.080	ug/L			12/04/25 15:40	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/04/25 15:40	1
Dibromochloromethane	ND		0.50	0.080	ug/L			12/04/25 15:40	1
Ethylbenzene	ND		0.50	0.080	ug/L			12/04/25 15:40	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			12/04/25 15:40	1
Methylene Chloride	ND		0.50	0.20	ug/L			12/04/25 15:40	1
Styrene	ND		0.50	0.070	ug/L			12/04/25 15:40	1
Tetrachloroethene	0.24	J	0.50	0.20	ug/L			12/04/25 15:40	1
Toluene	ND		0.50	0.080	ug/L			12/04/25 15:40	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 15:40	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/04/25 15:40	1
Trichloroethene	0.18	J	0.50	0.080	ug/L			12/04/25 15:40	1
Vinyl chloride	ND		0.50	0.10	ug/L			12/04/25 15:40	1
Xylenes, Total	ND		1.0	0.070	ug/L			12/04/25 15:40	1

Client Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD-COD-SW-28-0/1-0

Lab Sample ID: 410-254861-11

Date Collected: 11/24/25 13:12

Matrix: Water

Date Received: 11/25/25 18:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		12/04/25 15:40	1
4-Bromofluorobenzene (Surr)	94		80 - 120		12/04/25 15:40	1
Dibromofluoromethane (Surr)	106		80 - 120		12/04/25 15:40	1
Toluene-d8 (Surr)	100		80 - 120		12/04/25 15:40	1

Client Sample ID: HD-COD-SW-29-0/1-0

Lab Sample ID: 410-254861-12

Date Collected: 11/24/25 09:25

Matrix: Water

Date Received: 11/25/25 18:00

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		0.50	0.070	ug/L			12/04/25 04:51	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 04:51	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			12/04/25 04:51	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 04:51	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			12/04/25 04:51	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 04:51	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			12/04/25 04:51	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			12/04/25 04:51	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			12/04/25 04:51	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			12/04/25 04:51	1
2-Hexanone	ND		5.0	2.0	ug/L			12/04/25 04:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			12/04/25 04:51	1
Acetone	1.9	J	5.0	1.5	ug/L			12/04/25 04:51	1
Benzene	ND		0.50	0.10	ug/L			12/04/25 04:51	1
Bromochloromethane	ND		0.50	0.080	ug/L			12/04/25 04:51	1
Bromodichloromethane	ND		0.50	0.080	ug/L			12/04/25 04:51	1
Bromoform	ND		1.0	0.30	ug/L			12/04/25 04:51	1
Bromomethane	ND		0.50	0.10	ug/L			12/04/25 04:51	1
Carbon disulfide	ND		1.0	0.10	ug/L			12/04/25 04:51	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			12/04/25 04:51	1
Chlorobenzene	ND		0.50	0.070	ug/L			12/04/25 04:51	1
Chloroethane	ND		0.50	0.10	ug/L			12/04/25 04:51	1
Chloroform	0.11	J	0.50	0.090	ug/L			12/04/25 04:51	1
Chloromethane	ND		0.50	0.10	ug/L			12/04/25 04:51	1
cis-1,2-Dichloroethene	0.32	J	0.50	0.080	ug/L			12/04/25 04:51	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/04/25 04:51	1
Dibromochloromethane	ND		0.50	0.080	ug/L			12/04/25 04:51	1
Ethylbenzene	ND		0.50	0.080	ug/L			12/04/25 04:51	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			12/04/25 04:51	1
Methylene Chloride	ND		0.50	0.20	ug/L			12/04/25 04:51	1
Styrene	ND		0.50	0.070	ug/L			12/04/25 04:51	1
Tetrachloroethene	0.86		0.50	0.20	ug/L			12/04/25 04:51	1
Toluene	ND		0.50	0.080	ug/L			12/04/25 04:51	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 04:51	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/04/25 04:51	1
Trichloroethene	0.38	J	0.50	0.080	ug/L			12/04/25 04:51	1
Vinyl chloride	ND		0.50	0.10	ug/L			12/04/25 04:51	1
Xylenes, Total	ND		1.0	0.070	ug/L			12/04/25 04:51	1

Client Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD-COD-SW-29-0/1-0

Lab Sample ID: 410-254861-12

Date Collected: 11/24/25 09:25

Matrix: Water

Date Received: 11/25/25 18:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		80 - 120		12/04/25 04:51	1
4-Bromofluorobenzene (Surr)	99		80 - 120		12/04/25 04:51	1
Dibromofluoromethane (Surr)	96		80 - 120		12/04/25 04:51	1
Toluene-d8 (Surr)	99		80 - 120		12/04/25 04:51	1

Client Sample ID: HD0QC1-0/1-1

Lab Sample ID: 410-254861-13

Date Collected: 11/24/25 12:00

Matrix: Water

Date Received: 11/25/25 18:00

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		0.50	0.070	ug/L			12/04/25 05:13	1
1,1,1-Trichloroethane	12		0.50	0.080	ug/L			12/04/25 05:13	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			12/04/25 05:13	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 05:13	1
1,1-Dichloroethane	2.1		0.50	0.10	ug/L			12/04/25 05:13	1
1,1-Dichloroethene	0.94		0.50	0.10	ug/L			12/04/25 05:13	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			12/04/25 05:13	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			12/04/25 05:13	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			12/04/25 05:13	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			12/04/25 05:13	1
2-Hexanone	ND		5.0	2.0	ug/L			12/04/25 05:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			12/04/25 05:13	1
Acetone	ND		5.0	1.5	ug/L			12/04/25 05:13	1
Benzene	ND		0.50	0.10	ug/L			12/04/25 05:13	1
Bromochloromethane	ND		0.50	0.080	ug/L			12/04/25 05:13	1
Bromodichloromethane	ND		0.50	0.080	ug/L			12/04/25 05:13	1
Bromoform	ND		1.0	0.30	ug/L			12/04/25 05:13	1
Bromomethane	ND		0.50	0.10	ug/L			12/04/25 05:13	1
Carbon disulfide	ND		1.0	0.10	ug/L			12/04/25 05:13	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			12/04/25 05:13	1
Chlorobenzene	ND		0.50	0.070	ug/L			12/04/25 05:13	1
Chloroethane	ND		0.50	0.10	ug/L			12/04/25 05:13	1
Chloroform	0.19	J	0.50	0.090	ug/L			12/04/25 05:13	1
Chloromethane	ND		0.50	0.10	ug/L			12/04/25 05:13	1
cis-1,2-Dichloroethene	2.8		0.50	0.080	ug/L			12/04/25 05:13	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/04/25 05:13	1
Dibromochloromethane	ND		0.50	0.080	ug/L			12/04/25 05:13	1
Ethylbenzene	ND		0.50	0.080	ug/L			12/04/25 05:13	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			12/04/25 05:13	1
Methylene Chloride	ND		0.50	0.20	ug/L			12/04/25 05:13	1
Styrene	ND		0.50	0.070	ug/L			12/04/25 05:13	1
Toluene	ND		0.50	0.080	ug/L			12/04/25 05:13	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 05:13	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/04/25 05:13	1
Trichloroethene	4.7		0.50	0.080	ug/L			12/04/25 05:13	1
Vinyl chloride	ND		0.50	0.10	ug/L			12/04/25 05:13	1
Xylenes, Total	ND		1.0	0.070	ug/L			12/04/25 05:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		80 - 120		12/04/25 05:13	1

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD0QC1-0/1-1

Lab Sample ID: 410-254861-13

Date Collected: 11/24/25 12:00

Matrix: Water

Date Received: 11/25/25 18:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		80 - 120		12/04/25 05:13	1
Dibromofluoromethane (Surr)	98		80 - 120		12/04/25 05:13	1
Toluene-d8 (Surr)	100		80 - 120		12/04/25 05:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	150		5.0	2.0	ug/L			12/05/25 18:56	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		80 - 120		12/05/25 18:56	10
4-Bromofluorobenzene (Surr)	99		80 - 120		12/05/25 18:56	10
Dibromofluoromethane (Surr)	96		80 - 120		12/05/25 18:56	10
Toluene-d8 (Surr)	100		80 - 120		12/05/25 18:56	10

Client Sample ID: HD0QC1-0/1-2

Lab Sample ID: 410-254861-14

Date Collected: 11/24/25 00:00

Matrix: Water

Date Received: 11/25/25 18:00

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		0.50	0.070	ug/L			12/04/25 00:04	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 00:04	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			12/04/25 00:04	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 00:04	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			12/04/25 00:04	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 00:04	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			12/04/25 00:04	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			12/04/25 00:04	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			12/04/25 00:04	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			12/04/25 00:04	1
2-Hexanone	ND		5.0	2.0	ug/L			12/04/25 00:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			12/04/25 00:04	1
Acetone	ND		5.0	1.5	ug/L			12/04/25 00:04	1
Benzene	ND		0.50	0.10	ug/L			12/04/25 00:04	1
Bromochloromethane	ND		0.50	0.080	ug/L			12/04/25 00:04	1
Bromodichloromethane	ND		0.50	0.080	ug/L			12/04/25 00:04	1
Bromoform	ND		1.0	0.30	ug/L			12/04/25 00:04	1
Bromomethane	ND		0.50	0.10	ug/L			12/04/25 00:04	1
Carbon disulfide	0.14	J	1.0	0.10	ug/L			12/04/25 00:04	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			12/04/25 00:04	1
Chlorobenzene	ND		0.50	0.070	ug/L			12/04/25 00:04	1
Chloroethane	ND		0.50	0.10	ug/L			12/04/25 00:04	1
Chloroform	ND		0.50	0.090	ug/L			12/04/25 00:04	1
Chloromethane	ND		0.50	0.10	ug/L			12/04/25 00:04	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			12/04/25 00:04	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/04/25 00:04	1
Dibromochloromethane	ND		0.50	0.080	ug/L			12/04/25 00:04	1
Ethylbenzene	ND		0.50	0.080	ug/L			12/04/25 00:04	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			12/04/25 00:04	1
Methylene Chloride	ND		0.50	0.20	ug/L			12/04/25 00:04	1

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD0QC1-0/1-2

Lab Sample ID: 410-254861-14

Date Collected: 11/24/25 00:00

Matrix: Water

Date Received: 11/25/25 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.50	0.070	ug/L			12/04/25 00:04	1
Tetrachloroethene	ND		0.50	0.20	ug/L			12/04/25 00:04	1
Toluene	ND		0.50	0.080	ug/L			12/04/25 00:04	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 00:04	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/04/25 00:04	1
Trichloroethene	ND		0.50	0.080	ug/L			12/04/25 00:04	1
Vinyl chloride	ND		0.50	0.10	ug/L			12/04/25 00:04	1
Xylenes, Total	ND		1.0	0.070	ug/L			12/04/25 00:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		80 - 120		12/04/25 00:04	1
4-Bromofluorobenzene (Surr)	101		80 - 120		12/04/25 00:04	1
Dibromofluoromethane (Surr)	97		80 - 120		12/04/25 00:04	1
Toluene-d8 (Surr)	99		80 - 120		12/04/25 00:04	1

Default Detection Limits

Client: Verdantas

Job ID: 410-254861-1

Project/Site: nYNOP Monthly Surface Water

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

Analyte	RL	MDL
1,1,1,2-Tetrachloroethane	0.50 ug/L	0.070 ug/L
1,1,1-Trichloroethane	0.50 ug/L	0.080 ug/L
1,1,2,2-Tetrachloroethane	0.50 ug/L	0.10 ug/L
1,1,2-Trichloroethane	0.50 ug/L	0.080 ug/L
1,1-Dichloroethane	0.50 ug/L	0.10 ug/L
1,1-Dichloroethene	0.50 ug/L	0.10 ug/L
1,2-Dibromoethane (EDB)	0.50 ug/L	0.080 ug/L
1,2-Dichloroethane	0.50 ug/L	0.070 ug/L
1,2-Dichloropropane	0.50 ug/L	0.10 ug/L
2-Butanone (MEK)	5.0 ug/L	1.0 ug/L
2-Hexanone	5.0 ug/L	2.0 ug/L
4-Methyl-2-pentanone (MIBK)	5.0 ug/L	1.0 ug/L
Acetone	5.0 ug/L	1.5 ug/L
Benzene	0.50 ug/L	0.10 ug/L
Bromochloromethane	0.50 ug/L	0.080 ug/L
Bromodichloromethane	0.50 ug/L	0.080 ug/L
Bromoform	1.0 ug/L	0.30 ug/L
Bromomethane	0.50 ug/L	0.10 ug/L
Carbon disulfide	1.0 ug/L	0.10 ug/L
Carbon tetrachloride	0.50 ug/L	0.10 ug/L
Chlorobenzene	0.50 ug/L	0.070 ug/L
Chloroethane	0.50 ug/L	0.10 ug/L
Chloroform	0.50 ug/L	0.090 ug/L
Chloromethane	0.50 ug/L	0.10 ug/L
cis-1,2-Dichloroethene	0.50 ug/L	0.080 ug/L
cis-1,3-Dichloropropene	0.50 ug/L	0.10 ug/L
Dibromochloromethane	0.50 ug/L	0.080 ug/L
Ethylbenzene	0.50 ug/L	0.080 ug/L
Methyl tert-butyl ether	0.50 ug/L	0.080 ug/L
Methylene Chloride	0.50 ug/L	0.20 ug/L
Styrene	0.50 ug/L	0.070 ug/L
Tetrachloroethene	0.50 ug/L	0.20 ug/L
Toluene	0.50 ug/L	0.080 ug/L
trans-1,2-Dichloroethene	0.50 ug/L	0.10 ug/L
trans-1,3-Dichloropropene	0.50 ug/L	0.080 ug/L
Trichloroethene	0.50 ug/L	0.080 ug/L
Vinyl chloride	0.50 ug/L	0.10 ug/L
Xylenes, Total	1.0 ug/L	0.070 ug/L

Surrogate Summary

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

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)
410-254861-1	HD-COD-SW-6-0/1-0	99	98	98	100
410-254861-2	HD-COD-SW-7-0/1-0	100	97	99	100
410-254861-3	HD-COD-SW-8-0/1-0	100	96	99	100
410-254861-4	HD-COD-SW-9-0/1-0	99	98	99	100
410-254861-5	HD-COD-SW-13-0/1-0	97	97	98	101
410-254861-6	HD-COD-SW-15-0/1-0	98	97	98	100
410-254861-6 MS	HD-COD-SW-15-0/1-0 MS	101	100	99	101
410-254861-6 MSD	HD-COD-SW-15-0/1-0 MSD	101	100	102	101
410-254861-7	HD-COD-SW-16-0/1-0	97	100	96	100
410-254861-8	HD-COD-SW-17-0/1-0	94	101	98	101
410-254861-8 - DL	HD-COD-SW-17-0/1-0	104	93	105	98
410-254861-9	HD-COD-SW-26-0/1-0	101	93	103	100
410-254861-10	HD-COD-SW-27-0/1-0	102	92	105	100
410-254861-11	HD-COD-SW-28-0/1-0	104	94	106	100
410-254861-12	HD-COD-SW-29-0/1-0	95	99	96	99
410-254861-13	HDOQC1-0/1-1	94	101	98	100
410-254861-13 - DL	HDOQC1-0/1-1	97	99	96	100
410-254861-14	HDOQC1-0/1-2	98	101	97	99
LCS 410-738637/4	Lab Control Sample	99	100	99	101
LCS 410-738640/4	Lab Control Sample	96	100	98	99
LCS 410-738847/6	Lab Control Sample	96	99	98	104
LCS 410-739507/5	Lab Control Sample	96	100	98	99
LCSD 410-738640/5	Lab Control Sample Dup	97	100	98	99
LCSD 410-739507/6	Lab Control Sample Dup	96	99	98	100
MB 410-738637/6	Method Blank	97	96	98	100
MB 410-738640/7	Method Blank	98	101	97	100
MB 410-738847/10	Method Blank	105	93	104	100
MB 410-739507/10	Method Blank	97	100	96	100

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: nYNOP Monthly Surface Water

Job ID: 410-254861-1

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

Lab Sample ID: MB 410-738637/6
Matrix: Water
Analysis Batch: 738637

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		0.50	0.070	ug/L			12/03/25 23:18	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			12/03/25 23:18	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			12/03/25 23:18	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			12/03/25 23:18	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			12/03/25 23:18	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			12/03/25 23:18	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			12/03/25 23:18	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			12/03/25 23:18	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			12/03/25 23:18	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			12/03/25 23:18	1
2-Hexanone	ND		5.0	2.0	ug/L			12/03/25 23:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			12/03/25 23:18	1
Acetone	ND		5.0	1.5	ug/L			12/03/25 23:18	1
Benzene	ND		0.50	0.10	ug/L			12/03/25 23:18	1
Bromochloromethane	ND		0.50	0.080	ug/L			12/03/25 23:18	1
Bromodichloromethane	ND		0.50	0.080	ug/L			12/03/25 23:18	1
Bromoform	ND		1.0	0.30	ug/L			12/03/25 23:18	1
Bromomethane	ND		0.50	0.10	ug/L			12/03/25 23:18	1
Carbon disulfide	ND		1.0	0.10	ug/L			12/03/25 23:18	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			12/03/25 23:18	1
Chlorobenzene	ND		0.50	0.070	ug/L			12/03/25 23:18	1
Chloroethane	ND		0.50	0.10	ug/L			12/03/25 23:18	1
Chloroform	ND		0.50	0.090	ug/L			12/03/25 23:18	1
Chloromethane	ND		0.50	0.10	ug/L			12/03/25 23:18	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			12/03/25 23:18	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/03/25 23:18	1
Dibromochloromethane	ND		0.50	0.080	ug/L			12/03/25 23:18	1
Ethylbenzene	ND		0.50	0.080	ug/L			12/03/25 23:18	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			12/03/25 23:18	1
Methylene Chloride	ND		0.50	0.20	ug/L			12/03/25 23:18	1
Styrene	ND		0.50	0.070	ug/L			12/03/25 23:18	1
Tetrachloroethene	ND		0.50	0.20	ug/L			12/03/25 23:18	1
Toluene	ND		0.50	0.080	ug/L			12/03/25 23:18	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			12/03/25 23:18	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/03/25 23:18	1
Trichloroethene	ND		0.50	0.080	ug/L			12/03/25 23:18	1
Vinyl chloride	ND		0.50	0.10	ug/L			12/03/25 23:18	1
Xylenes, Total	ND		1.0	0.070	ug/L			12/03/25 23:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		80 - 120		12/03/25 23:18	1
4-Bromofluorobenzene (Surr)	96		80 - 120		12/03/25 23:18	1
Dibromofluoromethane (Surr)	98		80 - 120		12/03/25 23:18	1
Toluene-d8 (Surr)	100		80 - 120		12/03/25 23:18	1

QC Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

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

Lab Sample ID: LCS 410-738637/4

Matrix: Water

Analysis Batch: 738637

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	5.00	5.13		ug/L		103	80 - 122
1,1,1-Trichloroethane	5.00	5.06		ug/L		101	78 - 126
1,1,2,2-Tetrachloroethane	5.00	5.23		ug/L		105	75 - 130
1,1,2-Trichloroethane	5.00	5.27		ug/L		105	80 - 120
1,1-Dichloroethane	5.00	5.56		ug/L		111	80 - 128
1,1-Dichloroethene	5.00	5.53		ug/L		111	80 - 131
1,2-Dibromoethane (EDB)	5.00	5.29		ug/L		106	80 - 120
1,2-Dichloroethane	5.00	5.27		ug/L		105	79 - 128
1,2-Dichloropropane	5.00	5.52		ug/L		110	80 - 129
2-Butanone (MEK)	62.5	63.7		ug/L		102	67 - 141
2-Hexanone	62.5	67.4		ug/L		108	62 - 151
4-Methyl-2-pentanone (MIBK)	62.5	62.7		ug/L		100	63 - 140
Acetone	62.5	55.5		ug/L		89	60 - 146
Benzene	5.00	5.19		ug/L		104	80 - 120
Bromochloromethane	5.00	5.26		ug/L		105	80 - 133
Bromodichloromethane	5.00	5.20		ug/L		104	80 - 123
Bromoform	5.00	4.83		ug/L		97	67 - 134
Bromomethane	5.00	4.85		ug/L		97	63 - 126
Carbon disulfide	5.00	5.31		ug/L		106	67 - 130
Carbon tetrachloride	5.00	5.23		ug/L		105	77 - 132
Chlorobenzene	5.00	5.24		ug/L		105	80 - 120
Chloroethane	5.00	5.16		ug/L		103	63 - 132
Chloroform	5.00	5.17		ug/L		103	80 - 120
Chloromethane	5.00	4.90		ug/L		98	56 - 131
cis-1,2-Dichloroethene	5.00	5.38		ug/L		108	80 - 122
cis-1,3-Dichloropropene	5.00	5.09		ug/L		102	75 - 121
Dibromochloromethane	5.00	4.96		ug/L		99	80 - 123
Ethylbenzene	5.00	5.17		ug/L		103	80 - 120
Methyl tert-butyl ether	5.00	4.84		ug/L		97	69 - 120
Methylene Chloride	5.00	5.43		ug/L		109	80 - 120
Styrene	5.00	5.17		ug/L		103	80 - 120
Tetrachloroethene	5.00	4.84		ug/L		97	80 - 120
Toluene	5.00	5.18		ug/L		104	80 - 120
trans-1,2-Dichloroethene	5.00	5.31		ug/L		106	80 - 122
trans-1,3-Dichloropropene	5.00	5.26		ug/L		105	76 - 123
Trichloroethene	5.00	5.13		ug/L		103	80 - 120
Vinyl chloride	5.00	4.67		ug/L		93	60 - 125
Xylenes, Total	15.0	15.2		ug/L		101	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	101		80 - 120

QC Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

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

Lab Sample ID: 410-254861-6 MS

Matrix: Water

Analysis Batch: 738637

Client Sample ID: HD-COD-SW-15-0/1-0 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		5.00	5.41		ug/L		108	80 - 122
1,1,1-Trichloroethane	0.34	J	5.00	6.08		ug/L		115	78 - 126
1,1,2,2-Tetrachloroethane	ND		5.00	5.39		ug/L		108	75 - 123
1,1,2-Trichloroethane	ND		5.00	5.58		ug/L		112	80 - 120
1,1-Dichloroethane	0.11	J FH	5.00	6.23	FH	ug/L		122	74 - 120
1,1-Dichloroethene	0.21	J	5.00	6.64		ug/L		128	80 - 131
1,2-Dibromoethane (EDB)	ND		5.00	5.57		ug/L		111	80 - 120
1,2-Dichloroethane	ND		5.00	5.52		ug/L		110	69 - 122
1,2-Dichloropropane	ND		5.00	5.97		ug/L		119	80 - 120
2-Butanone (MEK)	ND		62.6	67.4		ug/L		108	59 - 141
2-Hexanone	ND		62.6	79.8		ug/L		128	52 - 140
4-Methyl-2-pentanone (MIBK)	ND		62.6	74.9		ug/L		120	55 - 140
Acetone	ND		62.6	61.2		ug/L		98	60 - 146
Benzene	ND		5.00	5.67		ug/L		113	80 - 120
Bromochloromethane	ND		5.00	5.73		ug/L		115	80 - 133
Bromodichloromethane	ND		5.00	5.52		ug/L		110	80 - 123
Bromoform	ND		5.00	4.87		ug/L		97	75 - 126
Bromomethane	ND		5.00	5.44		ug/L		109	63 - 120
Carbon disulfide	ND		5.00	6.11		ug/L		122	67 - 130
Carbon tetrachloride	ND		5.00	6.00		ug/L		120	64 - 141
Chlorobenzene	ND		5.00	5.61		ug/L		112	80 - 120
Chloroethane	ND		5.00	5.88		ug/L		118	63 - 120
Chloroform	0.19	J	5.00	5.86		ug/L		113	80 - 120
Chloromethane	ND		5.00	5.73		ug/L		114	80 - 120
cis-1,2-Dichloroethene	1.4	FH	5.00	7.40		ug/L		119	80 - 122
cis-1,3-Dichloropropene	ND		5.00	5.36		ug/L		107	67 - 121
Dibromochloromethane	ND		5.00	5.22		ug/L		104	80 - 123
Ethylbenzene	ND		5.00	5.65		ug/L		113	80 - 120
Methyl tert-butyl ether	ND		5.00	5.14		ug/L		103	69 - 120
Methylene Chloride	ND		5.00	5.95		ug/L		119	80 - 120
Styrene	ND		5.00	5.41		ug/L		108	80 - 120
Tetrachloroethene	4.8		5.00	10.2		ug/L		109	80 - 120
Toluene	ND		5.00	5.62		ug/L		112	80 - 120
trans-1,2-Dichloroethene	ND		5.00	6.03		ug/L		120	80 - 122
trans-1,3-Dichloropropene	ND		5.00	5.56		ug/L		111	61 - 129
Trichloroethene	1.4		5.00	7.14		ug/L		114	80 - 120
Vinyl chloride	ND		5.00	5.68		ug/L		113	60 - 125
Xylenes, Total	ND		15.0	16.5		ug/L		110	80 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	101		80 - 120

QC Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

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

Lab Sample ID: 410-254861-6 MSD

Matrix: Water

Analysis Batch: 738637

Client Sample ID: HD-COD-SW-15-0/1-0 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		5.00	5.46		ug/L		109	80 - 122	1	30
1,1,1-Trichloroethane	0.34	J	5.00	6.12		ug/L		115	78 - 126	1	30
1,1,2,2-Tetrachloroethane	ND		5.00	5.48		ug/L		110	75 - 123	2	30
1,1,2-Trichloroethane	ND		5.00	5.53		ug/L		110	80 - 120	1	30
1,1-Dichloroethane	0.11	J FH	5.00	6.37	FH	ug/L		125	74 - 120	2	30
1,1-Dichloroethene	0.21	J	5.00	6.69		ug/L		130	80 - 131	1	30
1,2-Dibromoethane (EDB)	ND		5.00	5.54		ug/L		111	80 - 120	0	30
1,2-Dichloroethane	ND		5.00	5.75		ug/L		115	69 - 122	4	30
1,2-Dichloropropane	ND		5.00	6.02		ug/L		120	80 - 120	1	30
2-Butanone (MEK)	ND		62.6	69.4		ug/L		111	59 - 141	3	30
2-Hexanone	ND		62.6	74.2		ug/L		119	52 - 140	7	30
4-Methyl-2-pentanone (MIBK)	ND		62.6	69.7		ug/L		111	55 - 140	7	30
Acetone	ND		62.6	58.3		ug/L		93	60 - 146	5	30
Benzene	ND		5.00	5.77		ug/L		115	80 - 120	2	30
Bromochloromethane	ND		5.00	5.76		ug/L		115	80 - 133	0	30
Bromodichloromethane	ND		5.00	5.63		ug/L		113	80 - 123	2	30
Bromoform	ND		5.00	4.95		ug/L		99	75 - 126	2	30
Bromomethane	ND		5.00	4.93		ug/L		98	63 - 120	10	30
Carbon disulfide	ND		5.00	6.20		ug/L		124	67 - 130	2	30
Carbon tetrachloride	ND		5.00	6.08		ug/L		121	64 - 141	1	30
Chlorobenzene	ND		5.00	5.61		ug/L		112	80 - 120	0	30
Chloroethane	ND		5.00	5.29		ug/L		106	63 - 120	11	30
Chloroform	0.19	J	5.00	5.99		ug/L		116	80 - 120	2	30
Chloromethane	ND		5.00	5.26		ug/L		105	80 - 120	8	30
cis-1,2-Dichloroethene	1.4	FH	5.00	7.58	FH	ug/L		123	80 - 122	2	30
cis-1,3-Dichloropropene	ND		5.00	5.48		ug/L		109	67 - 121	2	30
Dibromochloromethane	ND		5.00	5.19		ug/L		104	80 - 123	1	30
Ethylbenzene	ND		5.00	5.64		ug/L		113	80 - 120	0	30
Methyl tert-butyl ether	ND		5.00	5.29		ug/L		106	69 - 120	3	30
Methylene Chloride	ND		5.00	6.02		ug/L		120	80 - 120	1	30
Styrene	ND		5.00	5.45		ug/L		109	80 - 120	1	30
Tetrachloroethene	4.8		5.00	10.3		ug/L		110	80 - 120	0	30
Toluene	ND		5.00	5.57		ug/L		111	80 - 120	1	30
trans-1,2-Dichloroethene	ND		5.00	6.08		ug/L		121	80 - 122	1	30
trans-1,3-Dichloropropene	ND		5.00	5.59		ug/L		112	61 - 129	1	30
Trichloroethene	1.4		5.00	7.17		ug/L		115	80 - 120	0	30
Vinyl chloride	ND		5.00	5.02		ug/L		100	60 - 125	12	30
Xylenes, Total	ND		15.0	16.5		ug/L		110	80 - 120	0	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	102		80 - 120
Toluene-d8 (Surr)	101		80 - 120

QC Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

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

Lab Sample ID: MB 410-738640/7
Matrix: Water
Analysis Batch: 738640

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		0.50	0.070	ug/L			12/03/25 23:42	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			12/03/25 23:42	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			12/03/25 23:42	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			12/03/25 23:42	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			12/03/25 23:42	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			12/03/25 23:42	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			12/03/25 23:42	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			12/03/25 23:42	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			12/03/25 23:42	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			12/03/25 23:42	1
2-Hexanone	ND		5.0	2.0	ug/L			12/03/25 23:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			12/03/25 23:42	1
Acetone	ND		5.0	1.5	ug/L			12/03/25 23:42	1
Benzene	ND		0.50	0.10	ug/L			12/03/25 23:42	1
Bromochloromethane	ND		0.50	0.080	ug/L			12/03/25 23:42	1
Bromodichloromethane	ND		0.50	0.080	ug/L			12/03/25 23:42	1
Bromoform	ND		1.0	0.30	ug/L			12/03/25 23:42	1
Bromomethane	ND		0.50	0.10	ug/L			12/03/25 23:42	1
Carbon disulfide	ND		1.0	0.10	ug/L			12/03/25 23:42	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			12/03/25 23:42	1
Chlorobenzene	ND		0.50	0.070	ug/L			12/03/25 23:42	1
Chloroethane	ND		0.50	0.10	ug/L			12/03/25 23:42	1
Chloroform	ND		0.50	0.090	ug/L			12/03/25 23:42	1
Chloromethane	ND		0.50	0.10	ug/L			12/03/25 23:42	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			12/03/25 23:42	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/03/25 23:42	1
Dibromochloromethane	ND		0.50	0.080	ug/L			12/03/25 23:42	1
Ethylbenzene	ND		0.50	0.080	ug/L			12/03/25 23:42	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			12/03/25 23:42	1
Methylene Chloride	ND		0.50	0.20	ug/L			12/03/25 23:42	1
Styrene	ND		0.50	0.070	ug/L			12/03/25 23:42	1
Tetrachloroethene	ND		0.50	0.20	ug/L			12/03/25 23:42	1
Toluene	ND		0.50	0.080	ug/L			12/03/25 23:42	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			12/03/25 23:42	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/03/25 23:42	1
Trichloroethene	ND		0.50	0.080	ug/L			12/03/25 23:42	1
Vinyl chloride	ND		0.50	0.10	ug/L			12/03/25 23:42	1
Xylenes, Total	ND		1.0	0.070	ug/L			12/03/25 23:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		80 - 120		12/03/25 23:42	1
4-Bromofluorobenzene (Surr)	101		80 - 120		12/03/25 23:42	1
Dibromofluoromethane (Surr)	97		80 - 120		12/03/25 23:42	1
Toluene-d8 (Surr)	100		80 - 120		12/03/25 23:42	1

QC Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

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

Lab Sample ID: LCS 410-738640/4

Matrix: Water

Analysis Batch: 738640

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	5.00	4.97		ug/L		99	80 - 122
1,1,1-Trichloroethane	5.00	5.09		ug/L		102	78 - 126
1,1,2,2-Tetrachloroethane	5.00	5.08		ug/L		102	75 - 130
1,1,2-Trichloroethane	5.00	5.03		ug/L		101	80 - 120
1,1-Dichloroethane	5.00	5.30		ug/L		106	80 - 128
1,1-Dichloroethene	5.00	5.66		ug/L		113	80 - 131
1,2-Dibromoethane (EDB)	5.00	4.97		ug/L		99	80 - 120
1,2-Dichloroethane	5.00	5.19		ug/L		104	79 - 128
1,2-Dichloropropane	5.00	5.06		ug/L		101	80 - 129
2-Butanone (MEK)	62.5	63.6		ug/L		102	67 - 141
2-Hexanone	62.5	64.8		ug/L		104	62 - 151
4-Methyl-2-pentanone (MIBK)	62.5	64.2		ug/L		103	63 - 140
Acetone	62.5	58.5		ug/L		94	60 - 146
Benzene	5.00	5.03		ug/L		101	80 - 120
Bromochloromethane	5.00	4.97		ug/L		99	80 - 133
Bromodichloromethane	5.00	5.00		ug/L		100	80 - 123
Bromoform	5.00	4.74		ug/L		95	67 - 134
Bromomethane	5.00	4.52		ug/L		90	63 - 126
Carbon disulfide	5.00	5.29		ug/L		106	67 - 130
Carbon tetrachloride	5.00	5.14		ug/L		103	77 - 132
Chlorobenzene	5.00	5.03		ug/L		101	80 - 120
Chloroethane	5.00	4.66		ug/L		93	63 - 132
Chloroform	5.00	5.05		ug/L		101	80 - 120
Chloromethane	5.00	4.16		ug/L		83	56 - 131
cis-1,2-Dichloroethene	5.00	5.35		ug/L		107	80 - 122
cis-1,3-Dichloropropene	5.00	4.87		ug/L		97	75 - 121
Dibromochloromethane	5.00	4.80		ug/L		96	80 - 123
Ethylbenzene	5.00	5.08		ug/L		102	80 - 120
Methyl tert-butyl ether	5.00	4.75		ug/L		95	69 - 120
Methylene Chloride	5.00	5.16		ug/L		103	80 - 120
Styrene	5.00	5.06		ug/L		101	80 - 120
Tetrachloroethene	5.00	4.68		ug/L		94	80 - 120
Toluene	5.00	4.94		ug/L		99	80 - 120
trans-1,2-Dichloroethene	5.00	5.11		ug/L		102	80 - 122
trans-1,3-Dichloropropene	5.00	5.03		ug/L		101	76 - 123
Trichloroethene	5.00	5.22		ug/L		104	80 - 120
Vinyl chloride	5.00	4.51		ug/L		90	60 - 125
Xylenes, Total	15.0	14.9		ug/L		99	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		80 - 120
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	98		80 - 120
Toluene-d8 (Surr)	99		80 - 120

QC Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

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

Lab Sample ID: LCSD 410-738640/5

Matrix: Water

Analysis Batch: 738640

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	5.00	5.02		ug/L		100	80 - 122	1	30
1,1,1-Trichloroethane	5.00	5.15		ug/L		103	78 - 126	1	30
1,1,2,2-Tetrachloroethane	5.00	5.11		ug/L		102	75 - 130	1	30
1,1,2-Trichloroethane	5.00	5.08		ug/L		102	80 - 120	1	30
1,1-Dichloroethane	5.00	5.30		ug/L		106	80 - 128	0	30
1,1-Dichloroethene	5.00	5.65		ug/L		113	80 - 131	0	30
1,2-Dibromoethane (EDB)	5.00	5.00		ug/L		100	80 - 120	1	30
1,2-Dichloroethane	5.00	5.07		ug/L		101	79 - 128	2	30
1,2-Dichloropropane	5.00	5.06		ug/L		101	80 - 129	0	30
2-Butanone (MEK)	62.5	63.4		ug/L		101	67 - 141	0	30
2-Hexanone	62.5	64.3		ug/L		103	62 - 151	1	30
4-Methyl-2-pentanone (MIBK)	62.5	64.2		ug/L		103	63 - 140	0	30
Acetone	62.5	57.2		ug/L		91	60 - 146	2	30
Benzene	5.00	5.11		ug/L		102	80 - 120	2	30
Bromochloromethane	5.00	5.09		ug/L		102	80 - 133	2	30
Bromodichloromethane	5.00	5.00		ug/L		100	80 - 123	0	30
Bromoform	5.00	4.79		ug/L		96	67 - 134	1	30
Bromomethane	5.00	4.57		ug/L		91	63 - 126	1	30
Carbon disulfide	5.00	5.34		ug/L		107	67 - 130	1	30
Carbon tetrachloride	5.00	5.17		ug/L		103	77 - 132	0	30
Chlorobenzene	5.00	5.09		ug/L		102	80 - 120	1	30
Chloroethane	5.00	4.71		ug/L		94	63 - 132	1	30
Chloroform	5.00	5.08		ug/L		102	80 - 120	1	30
Chloromethane	5.00	4.27		ug/L		85	56 - 131	3	30
cis-1,2-Dichloroethene	5.00	5.40		ug/L		108	80 - 122	1	30
cis-1,3-Dichloropropene	5.00	4.93		ug/L		99	75 - 121	1	30
Dibromochloromethane	5.00	4.86		ug/L		97	80 - 123	1	30
Ethylbenzene	5.00	5.10		ug/L		102	80 - 120	0	30
Methyl tert-butyl ether	5.00	4.79		ug/L		96	69 - 120	1	30
Methylene Chloride	5.00	5.29		ug/L		106	80 - 120	2	30
Styrene	5.00	5.10		ug/L		102	80 - 120	1	30
Tetrachloroethene	5.00	4.72		ug/L		94	80 - 120	1	30
Toluene	5.00	5.04		ug/L		101	80 - 120	2	30
trans-1,2-Dichloroethene	5.00	5.14		ug/L		103	80 - 122	1	30
trans-1,3-Dichloropropene	5.00	5.08		ug/L		102	76 - 123	1	30
Trichloroethene	5.00	5.30		ug/L		106	80 - 120	2	30
Vinyl chloride	5.00	4.52		ug/L		90	60 - 125	0	30
Xylenes, Total	15.0	15.1		ug/L		101	80 - 120	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		80 - 120
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	98		80 - 120
Toluene-d8 (Surr)	99		80 - 120

QC Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

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

Lab Sample ID: MB 410-738847/10
Matrix: Water
Analysis Batch: 738847

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		0.50	0.070	ug/L			12/04/25 12:10	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 12:10	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			12/04/25 12:10	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			12/04/25 12:10	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			12/04/25 12:10	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 12:10	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			12/04/25 12:10	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			12/04/25 12:10	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			12/04/25 12:10	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			12/04/25 12:10	1
2-Hexanone	ND		5.0	2.0	ug/L			12/04/25 12:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			12/04/25 12:10	1
Acetone	ND		5.0	1.5	ug/L			12/04/25 12:10	1
Benzene	ND		0.50	0.10	ug/L			12/04/25 12:10	1
Bromochloromethane	ND		0.50	0.080	ug/L			12/04/25 12:10	1
Bromodichloromethane	ND		0.50	0.080	ug/L			12/04/25 12:10	1
Bromoform	ND		1.0	0.30	ug/L			12/04/25 12:10	1
Bromomethane	ND		0.50	0.10	ug/L			12/04/25 12:10	1
Carbon disulfide	ND		1.0	0.10	ug/L			12/04/25 12:10	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			12/04/25 12:10	1
Chlorobenzene	ND		0.50	0.070	ug/L			12/04/25 12:10	1
Chloroethane	ND		0.50	0.10	ug/L			12/04/25 12:10	1
Chloroform	ND		0.50	0.090	ug/L			12/04/25 12:10	1
Chloromethane	ND		0.50	0.10	ug/L			12/04/25 12:10	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			12/04/25 12:10	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/04/25 12:10	1
Dibromochloromethane	ND		0.50	0.080	ug/L			12/04/25 12:10	1
Ethylbenzene	ND		0.50	0.080	ug/L			12/04/25 12:10	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			12/04/25 12:10	1
Methylene Chloride	ND		0.50	0.20	ug/L			12/04/25 12:10	1
Styrene	ND		0.50	0.070	ug/L			12/04/25 12:10	1
Tetrachloroethene	ND		0.50	0.20	ug/L			12/04/25 12:10	1
Toluene	ND		0.50	0.080	ug/L			12/04/25 12:10	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			12/04/25 12:10	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/04/25 12:10	1
Trichloroethene	ND		0.50	0.080	ug/L			12/04/25 12:10	1
Vinyl chloride	ND		0.50	0.10	ug/L			12/04/25 12:10	1
Xylenes, Total	ND		1.0	0.070	ug/L			12/04/25 12:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		80 - 120		12/04/25 12:10	1
4-Bromofluorobenzene (Surr)	93		80 - 120		12/04/25 12:10	1
Dibromofluoromethane (Surr)	104		80 - 120		12/04/25 12:10	1
Toluene-d8 (Surr)	100		80 - 120		12/04/25 12:10	1

QC Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

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

Lab Sample ID: LCS 410-738847/6

Matrix: Water

Analysis Batch: 738847

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	5.00	5.30		ug/L		106	80 - 122
1,1,1-Trichloroethane	5.00	4.17		ug/L		83	78 - 126
1,1,2,2-Tetrachloroethane	5.00	6.07		ug/L		121	75 - 130
1,1,2-Trichloroethane	5.00	5.38		ug/L		108	80 - 120
1,1-Dichloroethane	5.00	4.54		ug/L		91	80 - 128
1,1-Dichloroethene	5.00	4.62		ug/L		92	80 - 131
1,2-Dibromoethane (EDB)	5.00	5.49		ug/L		110	80 - 120
1,2-Dichloroethane	5.00	4.46		ug/L		89	79 - 128
1,2-Dichloropropane	5.00	4.65		ug/L		93	80 - 129
2-Butanone (MEK)	62.5	58.7		ug/L		94	67 - 141
2-Hexanone	62.5	67.1		ug/L		107	62 - 151
4-Methyl-2-pentanone (MIBK)	62.5	65.0		ug/L		104	63 - 140
Acetone	62.5	58.6		ug/L		94	60 - 146
Benzene	5.00	4.23		ug/L		85	80 - 120
Bromochloromethane	5.00	4.50		ug/L		90	80 - 133
Bromodichloromethane	5.00	4.88		ug/L		98	80 - 123
Bromoform	5.00	4.25		ug/L		85	67 - 134
Bromomethane	5.00	4.21		ug/L		84	63 - 126
Carbon disulfide	5.00	4.12		ug/L		82	67 - 130
Carbon tetrachloride	5.00	4.31		ug/L		86	77 - 132
Chlorobenzene	5.00	5.08		ug/L		102	80 - 120
Chloroethane	5.00	4.13		ug/L		83	63 - 132
Chloroform	5.00	4.52		ug/L		90	80 - 120
Chloromethane	5.00	4.13		ug/L		83	56 - 131
cis-1,2-Dichloroethene	5.00	4.46		ug/L		89	80 - 122
cis-1,3-Dichloropropene	5.00	4.77		ug/L		95	75 - 121
Dibromochloromethane	5.00	4.92		ug/L		98	80 - 123
Ethylbenzene	5.00	4.89		ug/L		98	80 - 120
Methyl tert-butyl ether	5.00	4.02		ug/L		80	69 - 120
Methylene Chloride	5.00	4.63		ug/L		93	80 - 120
Styrene	5.00	5.29		ug/L		106	80 - 120
Tetrachloroethene	5.00	4.09		ug/L		82	80 - 120
Toluene	5.00	4.68		ug/L		94	80 - 120
trans-1,2-Dichloroethene	5.00	4.25		ug/L		85	80 - 122
trans-1,3-Dichloropropene	5.00	5.26		ug/L		105	76 - 123
Trichloroethene	5.00	4.35		ug/L		87	80 - 120
Vinyl chloride	5.00	4.63		ug/L		93	60 - 125
Xylenes, Total	15.0	14.7		ug/L		98	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		80 - 120
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	98		80 - 120
Toluene-d8 (Surr)	104		80 - 120

QC Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

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

Lab Sample ID: MB 410-739507/10
Matrix: Water
Analysis Batch: 739507

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		0.50	0.070	ug/L			12/05/25 12:39	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			12/05/25 12:39	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			12/05/25 12:39	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			12/05/25 12:39	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			12/05/25 12:39	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			12/05/25 12:39	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			12/05/25 12:39	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			12/05/25 12:39	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			12/05/25 12:39	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			12/05/25 12:39	1
2-Hexanone	ND		5.0	2.0	ug/L			12/05/25 12:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			12/05/25 12:39	1
Acetone	ND		5.0	1.5	ug/L			12/05/25 12:39	1
Benzene	ND		0.50	0.10	ug/L			12/05/25 12:39	1
Bromochloromethane	ND		0.50	0.080	ug/L			12/05/25 12:39	1
Bromodichloromethane	ND		0.50	0.080	ug/L			12/05/25 12:39	1
Bromoform	ND		1.0	0.30	ug/L			12/05/25 12:39	1
Bromomethane	ND		0.50	0.10	ug/L			12/05/25 12:39	1
Carbon disulfide	ND		1.0	0.10	ug/L			12/05/25 12:39	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			12/05/25 12:39	1
Chlorobenzene	ND		0.50	0.070	ug/L			12/05/25 12:39	1
Chloroethane	ND		0.50	0.10	ug/L			12/05/25 12:39	1
Chloroform	ND		0.50	0.090	ug/L			12/05/25 12:39	1
Chloromethane	ND		0.50	0.10	ug/L			12/05/25 12:39	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			12/05/25 12:39	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/05/25 12:39	1
Dibromochloromethane	ND		0.50	0.080	ug/L			12/05/25 12:39	1
Ethylbenzene	ND		0.50	0.080	ug/L			12/05/25 12:39	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			12/05/25 12:39	1
Methylene Chloride	ND		0.50	0.20	ug/L			12/05/25 12:39	1
Styrene	ND		0.50	0.070	ug/L			12/05/25 12:39	1
Tetrachloroethene	ND		0.50	0.20	ug/L			12/05/25 12:39	1
Toluene	ND		0.50	0.080	ug/L			12/05/25 12:39	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			12/05/25 12:39	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/05/25 12:39	1
Trichloroethene	ND		0.50	0.080	ug/L			12/05/25 12:39	1
Vinyl chloride	ND		0.50	0.10	ug/L			12/05/25 12:39	1
Xylenes, Total	ND		1.0	0.070	ug/L			12/05/25 12:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		80 - 120		12/05/25 12:39	1
4-Bromofluorobenzene (Surr)	100		80 - 120		12/05/25 12:39	1
Dibromofluoromethane (Surr)	96		80 - 120		12/05/25 12:39	1
Toluene-d8 (Surr)	100		80 - 120		12/05/25 12:39	1

QC Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

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

Lab Sample ID: LCS 410-739507/5

Matrix: Water

Analysis Batch: 739507

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	5.00	4.62		ug/L		92	80 - 122
1,1,1-Trichloroethane	5.00	4.55		ug/L		91	78 - 126
1,1,2,2-Tetrachloroethane	5.00	4.79		ug/L		96	75 - 130
1,1,2-Trichloroethane	5.00	4.65		ug/L		93	80 - 120
1,1-Dichloroethane	5.00	4.71		ug/L		94	80 - 128
1,1-Dichloroethene	5.00	4.99		ug/L		100	80 - 131
1,2-Dibromoethane (EDB)	5.00	4.58		ug/L		92	80 - 120
1,2-Dichloroethane	5.00	4.60		ug/L		92	79 - 128
1,2-Dichloropropane	5.00	4.58		ug/L		92	80 - 129
2-Butanone (MEK)	62.5	61.4		ug/L		98	67 - 141
2-Hexanone	62.5	61.2		ug/L		98	62 - 151
4-Methyl-2-pentanone (MIBK)	62.5	61.8		ug/L		99	63 - 140
Acetone	62.5	54.0		ug/L		86	60 - 146
Benzene	5.00	4.58		ug/L		92	80 - 120
Bromochloromethane	5.00	4.52		ug/L		90	80 - 133
Bromodichloromethane	5.00	4.53		ug/L		91	80 - 123
Bromoform	5.00	4.38		ug/L		88	67 - 134
Bromomethane	5.00	4.10		ug/L		82	63 - 126
Carbon disulfide	5.00	4.61		ug/L		92	67 - 130
Carbon tetrachloride	5.00	4.58		ug/L		92	77 - 132
Chlorobenzene	5.00	4.65		ug/L		93	80 - 120
Chloroethane	5.00	4.21		ug/L		84	63 - 132
Chloroform	5.00	4.56		ug/L		91	80 - 120
Chloromethane	5.00	3.49		ug/L		70	56 - 131
cis-1,2-Dichloroethene	5.00	4.85		ug/L		97	80 - 122
cis-1,3-Dichloropropene	5.00	4.39		ug/L		88	75 - 121
Dibromochloromethane	5.00	4.39		ug/L		88	80 - 123
Ethylbenzene	5.00	4.70		ug/L		94	80 - 120
Methyl tert-butyl ether	5.00	4.23		ug/L		85	69 - 120
Methylene Chloride	5.00	4.64		ug/L		93	80 - 120
Styrene	5.00	4.67		ug/L		93	80 - 120
Tetrachloroethene	5.00	4.34		ug/L		87	80 - 120
Toluene	5.00	4.60		ug/L		92	80 - 120
trans-1,2-Dichloroethene	5.00	4.64		ug/L		93	80 - 122
trans-1,3-Dichloropropene	5.00	4.56		ug/L		91	76 - 123
Trichloroethene	5.00	4.80		ug/L		96	80 - 120
Vinyl chloride	5.00	3.97		ug/L		79	60 - 125
Xylenes, Total	15.0	13.9		ug/L		93	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		80 - 120
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	98		80 - 120
Toluene-d8 (Surr)	99		80 - 120

QC Sample Results

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

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

Lab Sample ID: LCSD 410-739507/6

Matrix: Water

Analysis Batch: 739507

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	5.00	4.54		ug/L		91	80 - 122	2	30
1,1,1-Trichloroethane	5.00	4.52		ug/L		90	78 - 126	1	30
1,1,2,2-Tetrachloroethane	5.00	4.88		ug/L		98	75 - 130	2	30
1,1,2-Trichloroethane	5.00	4.67		ug/L		93	80 - 120	0	30
1,1-Dichloroethane	5.00	4.70		ug/L		94	80 - 128	0	30
1,1-Dichloroethene	5.00	4.99		ug/L		100	80 - 131	0	30
1,2-Dibromoethane (EDB)	5.00	4.60		ug/L		92	80 - 120	0	30
1,2-Dichloroethane	5.00	4.65		ug/L		93	79 - 128	1	30
1,2-Dichloropropane	5.00	4.52		ug/L		90	80 - 129	1	30
2-Butanone (MEK)	62.5	59.9		ug/L		96	67 - 141	2	30
2-Hexanone	62.5	60.4		ug/L		97	62 - 151	1	30
4-Methyl-2-pentanone (MIBK)	62.5	60.3		ug/L		96	63 - 140	2	30
Acetone	62.5	53.5		ug/L		86	60 - 146	1	30
Benzene	5.00	4.57		ug/L		91	80 - 120	0	30
Bromochloromethane	5.00	4.54		ug/L		91	80 - 133	1	30
Bromodichloromethane	5.00	4.53		ug/L		91	80 - 123	0	30
Bromoform	5.00	4.42		ug/L		88	67 - 134	1	30
Bromomethane	5.00	4.13		ug/L		83	63 - 126	1	30
Carbon disulfide	5.00	4.61		ug/L		92	67 - 130	0	30
Carbon tetrachloride	5.00	4.55		ug/L		91	77 - 132	1	30
Chlorobenzene	5.00	4.64		ug/L		93	80 - 120	0	30
Chloroethane	5.00	4.27		ug/L		85	63 - 132	1	30
Chloroform	5.00	4.59		ug/L		92	80 - 120	1	30
Chloromethane	5.00	3.59		ug/L		72	56 - 131	3	30
cis-1,2-Dichloroethene	5.00	4.82		ug/L		96	80 - 122	1	30
cis-1,3-Dichloropropene	5.00	4.38		ug/L		88	75 - 121	0	30
Dibromochloromethane	5.00	4.40		ug/L		88	80 - 123	0	30
Ethylbenzene	5.00	4.67		ug/L		93	80 - 120	1	30
Methyl tert-butyl ether	5.00	4.25		ug/L		85	69 - 120	0	30
Methylene Chloride	5.00	4.62		ug/L		92	80 - 120	0	30
Styrene	5.00	4.68		ug/L		94	80 - 120	0	30
Tetrachloroethene	5.00	4.31		ug/L		86	80 - 120	1	30
Toluene	5.00	4.56		ug/L		91	80 - 120	1	30
trans-1,2-Dichloroethene	5.00	4.63		ug/L		93	80 - 122	0	30
trans-1,3-Dichloropropene	5.00	4.58		ug/L		92	76 - 123	0	30
Trichloroethene	5.00	4.74		ug/L		95	80 - 120	1	30
Vinyl chloride	5.00	3.90		ug/L		78	60 - 125	2	30
Xylenes, Total	15.0	13.9		ug/L		92	80 - 120	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		80 - 120
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	98		80 - 120
Toluene-d8 (Surr)	100		80 - 120

QC Association Summary

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

GC/MS VOA

Analysis Batch: 738637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-254861-1	HD-COD-SW-6-0/1-0	Total/NA	Water	8260D	
410-254861-2	HD-COD-SW-7-0/1-0	Total/NA	Water	8260D	
410-254861-3	HD-COD-SW-8-0/1-0	Total/NA	Water	8260D	
410-254861-4	HD-COD-SW-9-0/1-0	Total/NA	Water	8260D	
410-254861-5	HD-COD-SW-13-0/1-0	Total/NA	Water	8260D	
410-254861-6	HD-COD-SW-15-0/1-0	Total/NA	Water	8260D	
MB 410-738637/6	Method Blank	Total/NA	Water	8260D	
LCS 410-738637/4	Lab Control Sample	Total/NA	Water	8260D	
410-254861-6 MS	HD-COD-SW-15-0/1-0 MS	Total/NA	Water	8260D	
410-254861-6 MSD	HD-COD-SW-15-0/1-0 MSD	Total/NA	Water	8260D	

Analysis Batch: 738640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-254861-7	HD-COD-SW-16-0/1-0	Total/NA	Water	8260D	
410-254861-8	HD-COD-SW-17-0/1-0	Total/NA	Water	8260D	
410-254861-12	HD-COD-SW-29-0/1-0	Total/NA	Water	8260D	
410-254861-13	HD0QC1-0/1-1	Total/NA	Water	8260D	
410-254861-14	HD0QC1-0/1-2	Total/NA	Water	8260D	
MB 410-738640/7	Method Blank	Total/NA	Water	8260D	
LCS 410-738640/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-738640/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 738847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-254861-8 - DL	HD-COD-SW-17-0/1-0	Total/NA	Water	8260D	
410-254861-9	HD-COD-SW-26-0/1-0	Total/NA	Water	8260D	
410-254861-10	HD-COD-SW-27-0/1-0	Total/NA	Water	8260D	
410-254861-11	HD-COD-SW-28-0/1-0	Total/NA	Water	8260D	
MB 410-738847/10	Method Blank	Total/NA	Water	8260D	
LCS 410-738847/6	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 739507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-254861-13 - DL	HD0QC1-0/1-1	Total/NA	Water	8260D	
MB 410-739507/10	Method Blank	Total/NA	Water	8260D	
LCS 410-739507/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-739507/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Lab Chronicle

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD-COD-SW-6-0/1-0

Lab Sample ID: 410-254861-1

Date Collected: 11/24/25 10:50

Matrix: Water

Date Received: 11/25/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738637	HR3Z	ELLE	12/04/25 02:06

Client Sample ID: HD-COD-SW-7-0/1-0

Lab Sample ID: 410-254861-2

Date Collected: 11/24/25 11:33

Matrix: Water

Date Received: 11/25/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738637	HR3Z	ELLE	12/04/25 02:26

Client Sample ID: HD-COD-SW-8-0/1-0

Lab Sample ID: 410-254861-3

Date Collected: 11/24/25 09:40

Matrix: Water

Date Received: 11/25/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738637	HR3Z	ELLE	12/04/25 02:47

Client Sample ID: HD-COD-SW-9-0/1-0

Lab Sample ID: 410-254861-4

Date Collected: 11/24/25 12:58

Matrix: Water

Date Received: 11/25/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738637	HR3Z	ELLE	12/04/25 03:08

Client Sample ID: HD-COD-SW-13-0/1-0

Lab Sample ID: 410-254861-5

Date Collected: 11/24/25 09:57

Matrix: Water

Date Received: 11/25/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738637	HR3Z	ELLE	12/04/25 03:29

Client Sample ID: HD-COD-SW-15-0/1-0

Lab Sample ID: 410-254861-6

Date Collected: 11/24/25 12:00

Matrix: Water

Date Received: 11/25/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738637	HR3Z	ELLE	12/04/25 01:04

Client Sample ID: HD-COD-SW-16-0/1-0

Lab Sample ID: 410-254861-7

Date Collected: 11/24/25 10:20

Matrix: Water

Date Received: 11/25/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738640	HR3Z	ELLE	12/04/25 03:01

Lab Chronicle

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

Client Sample ID: HD-COD-SW-17-0/1-0

Lab Sample ID: 410-254861-8

Date Collected: 11/24/25 10:32

Matrix: Water

Date Received: 11/25/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738640	HR3Z	ELLE	12/04/25 03:23
Total/NA	Analysis	8260D	DL	20	738847	N7YK	ELLE	12/04/25 16:22

Client Sample ID: HD-COD-SW-26-0/1-0

Lab Sample ID: 410-254861-9

Date Collected: 11/24/25 11:16

Matrix: Water

Date Received: 11/25/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738847	N7YK	ELLE	12/04/25 14:58

Client Sample ID: HD-COD-SW-27-0/1-0

Lab Sample ID: 410-254861-10

Date Collected: 11/24/25 11:47

Matrix: Water

Date Received: 11/25/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738847	N7YK	ELLE	12/04/25 15:19

Client Sample ID: HD-COD-SW-28-0/1-0

Lab Sample ID: 410-254861-11

Date Collected: 11/24/25 13:12

Matrix: Water

Date Received: 11/25/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738847	N7YK	ELLE	12/04/25 15:40

Client Sample ID: HD-COD-SW-29-0/1-0

Lab Sample ID: 410-254861-12

Date Collected: 11/24/25 09:25

Matrix: Water

Date Received: 11/25/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738640	HR3Z	ELLE	12/04/25 04:51

Client Sample ID: HD0QC1-0/1-1

Lab Sample ID: 410-254861-13

Date Collected: 11/24/25 12:00

Matrix: Water

Date Received: 11/25/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738640	HR3Z	ELLE	12/04/25 05:13
Total/NA	Analysis	8260D	DL	10	739507	N7YK	ELLE	12/05/25 18:56

Client Sample ID: HD0QC1-0/1-2

Lab Sample ID: 410-254861-14

Date Collected: 11/24/25 00:00

Matrix: Water

Date Received: 11/25/25 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738640	HR3Z	ELLE	12/04/25 00:04

Lab Chronicle

Client: Verdantas

Job ID: 410-254861-1

Project/Site: nYNOP Monthly Surface Water

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: nYNOP Monthly Surface Water

Job ID: 410-254861-1

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

Client: Verdantas
Project/Site: nYNOP Monthly Surface Water

Job ID: 410-254861-1

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: 410-254861-1

Project/Site: nYNOP Monthly Surface Water

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
410-254861-1	HD-COD-SW-6-0/1-0	Water	11/24/25 10:50	11/25/25 18:00	Pennsylvania
410-254861-2	HD-COD-SW-7-0/1-0	Water	11/24/25 11:33	11/25/25 18:00	Pennsylvania
410-254861-3	HD-COD-SW-8-0/1-0	Water	11/24/25 09:40	11/25/25 18:00	Pennsylvania
410-254861-4	HD-COD-SW-9-0/1-0	Water	11/24/25 12:58	11/25/25 18:00	Pennsylvania
410-254861-5	HD-COD-SW-13-0/1-0	Water	11/24/25 09:57	11/25/25 18:00	Pennsylvania
410-254861-6	HD-COD-SW-15-0/1-0	Water	11/24/25 12:00	11/25/25 18:00	Pennsylvania
410-254861-7	HD-COD-SW-16-0/1-0	Water	11/24/25 10:20	11/25/25 18:00	Pennsylvania
410-254861-8	HD-COD-SW-17-0/1-0	Water	11/24/25 10:32	11/25/25 18:00	Pennsylvania
410-254861-9	HD-COD-SW-26-0/1-0	Water	11/24/25 11:16	11/25/25 18:00	Pennsylvania
410-254861-10	HD-COD-SW-27-0/1-0	Water	11/24/25 11:47	11/25/25 18:00	Pennsylvania
410-254861-11	HD-COD-SW-28-0/1-0	Water	11/24/25 13:12	11/25/25 18:00	Pennsylvania
410-254861-12	HD-COD-SW-29-0/1-0	Water	11/24/25 09:25	11/25/25 18:00	Pennsylvania
410-254861-13	HD0QC1-0/1-1	Water	11/24/25 12:00	11/25/25 18:00	Pennsylvania
410-254861-14	HD0QC1-0/1-2	Water	11/24/25 00:00	11/25/25 18:00	Pennsylvania

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 16334

Analysis Batch Number: 734923

Lab Sample ID: IC 410-734923/4

Client Sample ID:

Date Analyzed: 11/24/25 22:05

Lab File ID: GN24X03.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl acetate	6.15	Incomplete Integration	N7YK	11/25/25 13:39

Lab Sample ID: IC 410-734923/13

Client Sample ID:

Date Analyzed: 11/25/25 01:24

Lab File ID: GN24X12.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	1.94	Incomplete Integration	N7YK	11/25/25 15:27
1,3-Butadiene	2.24	Incomplete Integration	N7YK	11/25/25 15:02
cis-1,2-Dichloroethene	6.12	Incomplete Integration	N7YK	11/25/25 15:28
Trichlorofluoromethane		Invalid Compound ID	N7YK	11/25/25 15:03

Lab Sample ID: IC 410-734923/14

Client Sample ID:

Date Analyzed: 11/25/25 01:46

Lab File ID: GN24X13.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichloroethene	8.18	Incomplete Integration	N7YK	11/25/25 15:04

Lab Sample ID: IC 410-734923/15

Client Sample ID:

Date Analyzed: 11/25/25 02:08

Lab File ID: GN24X14.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl ether	3.20	Incomplete Integration	N7YK	11/25/25 15:05
Freon 123a	3.31	Incomplete Integration	N7YK	11/25/25 15:05
di-Isopropyl ether	5.34	Incomplete Integration	N7YK	11/25/25 15:05
Bromochloromethane	6.45	Incomplete Integration	N7YK	11/25/25 15:06
Carbon tetrachloride	7.03	Incomplete Integration	N7YK	11/25/25 15:06
2-Nitropropane	9.15	Incomplete Integration	N7YK	11/25/25 15:06

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 16334

Analysis Batch Number: 734923

Lab Sample ID: IC 410-734923/16

Client Sample ID:

Date Analyzed: 11/25/25 02:31

Lab File ID: GN24X15.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl ether	3.22	Incomplete Integration	N7YK	11/25/25 15:07
Trichloroethene	8.18	Incomplete Integration	N7YK	11/25/25 15:08
Methyl methacrylate	8.60	Incomplete Integration	N7YK	11/25/25 15:08

Lab Sample ID: IC 410-734923/17

Client Sample ID:

Date Analyzed: 11/25/25 02:53

Lab File ID: GN24X16.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.60	Incomplete Integration	N7YK	11/25/25 15:09

Lab Sample ID: IC 410-734923/18

Client Sample ID:

Date Analyzed: 11/25/25 03:15

Lab File ID: GN24X17.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.60	Incomplete Integration	N7YK	11/25/25 15:10

Lab Sample ID: IC 410-734923/19

Client Sample ID:

Date Analyzed: 11/25/25 03:37

Lab File ID: GN24X18.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.61	Incomplete Integration	N7YK	11/25/25 15:12

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 16334

Analysis Batch Number: 734923

Lab Sample ID: ICIS 410-734923/20

Client Sample ID:

Date Analyzed: 11/25/25 03:59

Lab File ID: GN24X19.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl acetate	3.97	Incomplete Integration	N7YK	11/25/25 15:14
1,4-Dioxane	8.60	Incomplete Integration	N7YK	11/25/25 08:58

Lab Sample ID: IC 410-734923/21

Client Sample ID:

Date Analyzed: 11/25/25 04:21

Lab File ID: GN24X20.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl acetate	3.96	Incomplete Integration	N7YK	11/25/25 15:13
1,4-Dioxane	8.61	Incomplete Integration	N7YK	11/25/25 15:13

Lab Sample ID: ICV 410-734923/23

Client Sample ID:

Date Analyzed: 11/25/25 05:05

Lab File ID: GN24X22.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.61	Incomplete Integration	N7YK	11/25/25 15:15
2-Nitropropane	9.14	Incomplete Integration	N7YK	11/25/25 15:15

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 16334

Analysis Batch Number: 738640

Lab Sample ID: CCVIS 410-738640/3

Client Sample ID:

Date Analyzed: 12/03/25 22:14

Lab File ID: GD03X02.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl acetate	3.96	Incomplete Integration	HR3Z	12/03/25 22:44
1,4-Dioxane	8.60	Incomplete Integration	HR3Z	12/03/25 22:45

Lab Sample ID: 410-254861-14

Client Sample ID: HD0QC1-0/1-2

Date Analyzed: 12/04/25 00:04

Lab File ID: GD03X07.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone		Invalid Compound ID	LT2Q	12/04/25 16:30

Lab Sample ID: 410-254861-7

Client Sample ID: HD-COD-SW-16-0/1-0

Date Analyzed: 12/04/25 03:01

Lab File ID: GD03X15.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.81	Baseline	LT2Q	12/04/25 16:40
Benzene	7.29	Incomplete Integration	FQ4L	12/05/25 07:01

Lab Sample ID: 410-254861-8

Client Sample ID: HD-COD-SW-17-0/1-0

Date Analyzed: 12/04/25 03:23

Lab File ID: GD03X16.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,2-Dichloroethene	4.62	Baseline	LT2Q	12/04/25 16:42
1,1,2-Trichloroethane		Invalid Compound ID	LT2Q	12/04/25 16:42

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 16334

Analysis Batch Number: 738640

Lab Sample ID: 410-254861-12

Client Sample ID: HD-COD-SW-29-0/1-0

Date Analyzed: 12/04/25 04:51

Lab File ID: GD03X20.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane		Peak assignment corrected	LT2Q	12/04/25 17:18

Lab Sample ID: 410-254861-13

Client Sample ID: HD0QC1-0/1-1

Date Analyzed: 12/04/25 05:13

Lab File ID: GD03X21.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2-Trichloroethane		Invalid Compound ID	FQ4L	12/05/25 07:04

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 16334

Analysis Batch Number: 739507

Lab Sample ID: CCVIS 410-739507/3

Client Sample ID:

Date Analyzed: 12/05/25 10:04

Lab File ID: GD05X02.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.60	Incomplete Integration	N7YK	12/05/25 10:37

Lab Sample ID: LCS 410-739507/5

Client Sample ID:

Date Analyzed: 12/05/25 10:48

Lab File ID: GD05X04.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	2.59	Incomplete Integration	N7YK	12/05/25 12:51

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 720279

Lab Sample ID: IC 410-720279/3

Client Sample ID:

Date Analyzed: 10/27/25 14:37

Lab File ID: HC27X02.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl acetate	5.08	Incomplete Integration	JS6E	10/27/25 19:58
2-Chloroethyl vinyl ether	8.95	Incomplete Integration	JS6E	10/27/25 19:55
Acetonitrile		Invalid Compound ID	JS6E	10/27/25 19:54
Ethyl acetate		Invalid Compound ID	JS6E	10/27/25 19:55

Lab Sample ID: IC 410-720279/4

Client Sample ID:

Date Analyzed: 10/27/25 14:57

Lab File ID: HC27X03.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl acetate	5.15	Incomplete Integration	JS6E	10/27/25 19:58
Ethyl acetate	5.95	Incomplete Integration	JS6E	10/28/25 03:49
2-Chloroethyl vinyl ether	8.92	Incomplete Integration	JS6E	10/27/25 19:52
Acetonitrile		Invalid Compound ID	JS6E	10/27/25 19:51

Lab Sample ID: IC 410-720279/5

Client Sample ID:

Date Analyzed: 10/27/25 15:18

Lab File ID: HC27X04.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methoxymethane	1.86	Incomplete Integration	JS6E	10/27/25 19:45
Vinyl acetate	4.99	Incomplete Integration	JS6E	10/27/25 19:58
Ethyl acetate	5.89	Incomplete Integration	JS6E	10/27/25 19:51
2-Chloroethyl vinyl ether	8.90	Incomplete Integration	JS6E	10/27/25 19:49
Acetonitrile		Incomplete Integration	JS6E	10/27/25 19:48

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 720279

Lab Sample ID: IC 410-720279/6

Client Sample ID:

Date Analyzed: 10/27/25 15:38

Lab File ID: HC27X05.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methoxymethane	1.88	Incomplete Integration	JS6E	10/27/25 19:40
Acetonitrile	4.23	Incomplete Integration	JS6E	10/27/25 19:40
Vinyl acetate	4.93	Incomplete Integration	JS6E	10/27/25 19:58
Ethyl acetate	5.82	Incomplete Integration	JS6E	10/27/25 19:41

Lab Sample ID: IC 410-720279/7

Client Sample ID:

Date Analyzed: 10/27/25 15:59

Lab File ID: HC27X06.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methoxymethane	1.87	Incomplete Integration	JS6E	10/27/25 19:39
Acetonitrile	3.79	Incomplete Integration	JS6E	10/27/25 19:39

Lab Sample ID: IC 410-720279/8

Client Sample ID:

Date Analyzed: 10/27/25 16:20

Lab File ID: HC27X07.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methoxymethane	1.87	Incomplete Integration	JS6E	10/27/25 16:57
Acetonitrile	3.77	Incomplete Integration	JS6E	10/27/25 16:57

Lab Sample ID: IC 410-720279/9

Client Sample ID:

Date Analyzed: 10/27/25 16:40

Lab File ID: HC27X08.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	3.67	Peak assignment corrected	JS6E	10/27/25 19:38

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 720279

Lab Sample ID: IC 410-720279/13

Client Sample ID:

Date Analyzed: 10/27/25 18:03

Lab File ID: HC27X12.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Butadiene	2.09	Incomplete Integration	JS6E	10/28/25 02:36
Vinyl chloride	2.11	Incomplete Integration	JS6E	10/28/25 02:36
Allyl chloride	3.67	Incomplete Integration	JS6E	10/28/25 02:36
Methylene Chloride	3.83	Incomplete Integration	JS6E	10/28/25 02:36
di-Isopropyl ether	4.92	Incomplete Integration	JS6E	10/28/25 02:36
1,1,1-Trichloroethane	6.44	Incomplete Integration	JS6E	10/28/25 02:37
1,2-Dichloroethane	7.01	Incomplete Integration	JS6E	10/28/25 02:37
n-Heptane	7.34	Incomplete Integration	JS6E	10/28/25 02:37
Bromodichloromethane	8.51	Incomplete Integration	JS6E	10/28/25 02:37
4-Methyl-2-pentanone (MIBK)	9.28	Incomplete Integration	JS6E	10/28/25 02:37
1,1,2-Trichloroethane		Invalid Compound ID	JS6E	10/28/25 02:38
2-Hexanone		Incomplete Integration	JS6E	10/28/25 02:38
2-Nitropropane		Invalid Compound ID	JS6E	10/28/25 02:37
cis-1,3-Dichloropropene		Invalid Compound ID	JS6E	10/28/25 02:37
Ethyl methacrylate		Invalid Compound ID	JS6E	10/28/25 02:38
Isobutyl alcohol		Incomplete Integration	JS6E	10/28/25 02:37
Methyl acetate		Invalid Compound ID	JS6E	10/28/25 02:36
1,3-Dichloropropane	10.15	Incomplete Integration	JS6E	10/28/25 02:38
1-Chlorohexane	10.93	Incomplete Integration	JS6E	10/28/25 02:38
m&p-Xylene	11.17	Incomplete Integration	JS6E	10/28/25 02:38
Styrene	11.54	Incomplete Integration	JS6E	10/28/25 02:38
trans-1,4-Dichloro-2-butene	12.10	Incomplete Integration	JS6E	10/28/25 02:38
4-Chlorotoluene	12.32	Incomplete Integration	JS6E	10/28/25 02:39

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 720279

Lab Sample ID: IC 410-720279/14

Client Sample ID:

Date Analyzed: 10/27/25 18:24

Lab File ID: HC27X13.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	2.39	Incomplete Integration	JS6E	10/28/25 02:33
Acrolein	3.17	Incomplete Integration	JS6E	10/28/25 02:33
cis-1,2-Dichloroethene	5.71	Incomplete Integration	JS6E	10/28/25 02:33
Methacrylonitrile	6.09	Incomplete Integration	JS6E	10/28/25 02:33
Chloroform	6.20	Incomplete Integration	JS6E	10/28/25 02:34
Isobutyl alcohol	6.86	Incomplete Integration	JS6E	10/28/25 02:34
Trichloroethene	7.83	Incomplete Integration	JS6E	10/28/25 02:34
Bromodichloromethane	8.50	Incomplete Integration	JS6E	10/28/25 02:34
2-Nitropropane	8.79	Incomplete Integration	JS6E	10/28/25 02:34
1-Bromo-2-chloroethane	8.93	Incomplete Integration	JS6E	10/28/25 02:34
cis-1,3-Dichloropropene	9.09	Incomplete Integration	JS6E	10/28/25 02:34
trans-1,3-Dichloropropene	9.79	Incomplete Integration	JS6E	10/28/25 02:35
1,1,2-Trichloroethane	9.99	Incomplete Integration	JS6E	10/28/25 02:35
2-Butanone (MEK)		Invalid Compound ID	JS6E	10/28/25 02:33
Methyl acetate		Invalid Compound ID	JS6E	10/28/25 02:33
2-Hexanone	10.23	Incomplete Integration	JS6E	10/28/25 02:35
1,1,2,2-Tetrachloroethane	12.05	Incomplete Integration	JS6E	10/28/25 02:35

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 720279

Lab Sample ID: IC 410-720279/15

Client Sample ID:

Date Analyzed: 10/27/25 18:44

Lab File ID: HC27X14.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Butadiene	2.09	Incomplete Integration	JS6E	10/28/25 02:28
Bromomethane	2.41	Incomplete Integration	JS6E	10/28/25 02:28
Acetone	3.34	Incomplete Integration	JS6E	10/28/25 02:59
Allyl chloride	3.67	Incomplete Integration	JS6E	10/28/25 02:28
2-Butanone (MEK)	5.87	Incomplete Integration	JS6E	10/28/25 02:29
Propionitrile	5.98	Incomplete Integration	JS6E	10/28/25 02:29
Methacrylonitrile	6.01	Incomplete Integration	JS6E	10/28/25 02:30
Bromochloromethane	6.05	Incomplete Integration	JS6E	10/28/25 02:31
Tetrahydrofuran	6.09	Incomplete Integration	JS6E	10/28/25 02:31
Isobutyl alcohol	6.84	Incomplete Integration	JS6E	10/28/25 03:21
Trichloroethene	7.81	Incomplete Integration	JS6E	10/28/25 02:31
Dibromomethane	8.27	Incomplete Integration	JS6E	10/28/25 02:31
Methyl methacrylate	8.30	Incomplete Integration	JS6E	10/28/25 02:31
2-Nitropropane	8.78	Incomplete Integration	JS6E	10/28/25 02:31
1-Bromo-2-chloroethane	8.92	Incomplete Integration	JS6E	10/28/25 02:31
trans-1,3-Dichloropropene	9.79	Incomplete Integration	JS6E	10/28/25 02:32
Methyl acetate		Invalid Compound ID	JS6E	10/28/25 02:28
1,1,2,2-Tetrachloroethane	12.05	Incomplete Integration	JS6E	10/28/25 02:32

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 720279

Lab Sample ID: IC 410-720279/16

Client Sample ID:

Date Analyzed: 10/27/25 19:05

Lab File ID: HC27X15.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone	3.29	Incomplete Integration	JS6E	10/28/25 02:59
Methyl acetate	3.70	Incomplete Integration	JS6E	10/28/25 02:23
Propionitrile	5.97	Incomplete Integration	JS6E	10/28/25 02:30
Isobutyl alcohol	6.84	Incomplete Integration	JS6E	10/28/25 02:26
n-Butanol	7.89	Incomplete Integration	JS6E	10/28/25 02:26
Methyl methacrylate	8.28	Incomplete Integration	JS6E	10/28/25 02:27
2-Nitropropane	8.78	Incomplete Integration	JS6E	10/28/25 02:27
1,4-Dioxane		Invalid Compound ID	JS6E	10/28/25 02:27

Lab Sample ID: IC 410-720279/17

Client Sample ID:

Date Analyzed: 10/27/25 19:25

Lab File ID: HC27X16.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	2.40	Incomplete Integration	JS6E	10/28/25 02:19
Acetone	3.29	Incomplete Integration	JS6E	10/28/25 02:59
Methyl acetate	3.65	Incomplete Integration	JS6E	10/28/25 02:20
t-Butyl alcohol	3.95	Incomplete Integration	JS6E	10/28/25 02:20
Acrylonitrile	4.24	Incomplete Integration	JS6E	10/28/25 02:20
2-Butanone (MEK)	5.70	Incomplete Integration	JS6E	10/28/25 03:12
Propionitrile	5.82	Incomplete Integration	JS6E	10/28/25 02:21
n-Butanol	7.82	Incomplete Integration	JS6E	10/28/25 02:21
Methyl methacrylate	8.26	Incomplete Integration	JS6E	10/28/25 02:22
1,4-Dioxane	8.28	Incomplete Integration	JS6E	10/28/25 02:21
2-Nitropropane	8.77	Incomplete Integration	JS6E	10/28/25 02:22
1-Bromo-2-chloroethane	8.90	Incomplete Integration	JS6E	10/28/25 02:22

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 720279

Lab Sample ID: IC 410-720279/18

Client Sample ID:

Date Analyzed: 10/27/25 19:47

Lab File ID: HC27X17.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	2.01	Incomplete Integration	JS6E	10/28/25 00:00
Acetone	3.28	Incomplete Integration	JS6E	10/28/25 02:58
Methyl acetate	3.66	Incomplete Integration	JS6E	10/28/25 00:00
Acrylonitrile	4.20	Incomplete Integration	JS6E	10/28/25 00:01
Propionitrile	5.79	Incomplete Integration	JS6E	10/28/25 00:01
1,2-Dichloroethane	6.98	Incomplete Integration	JS6E	10/28/25 00:02
n-Butanol	7.74	Incomplete Integration	JS6E	10/28/25 00:02
1,4-Dioxane	8.27	Incomplete Integration	JS6E	10/28/25 03:28

Lab Sample ID: IC 410-720279/19

Client Sample ID:

Date Analyzed: 10/27/25 20:07

Lab File ID: HC27X18.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Bromomethane	2.42	Incomplete Integration	JS6E	10/27/25 23:55
Acetone	3.26	Incomplete Integration	JS6E	10/28/25 02:58
Methyl acetate	3.65	Incomplete Integration	JS6E	10/27/25 23:55
t-Butyl alcohol	3.93	Incomplete Integration	JS6E	10/27/25 23:56
Acrylonitrile	4.18	Incomplete Integration	JS6E	10/27/25 23:57
Propionitrile	5.78	Incomplete Integration	JS6E	10/27/25 23:58
n-Butanol	7.73	Incomplete Integration	JS6E	10/28/25 03:25
1,4-Dioxane	8.26	Incomplete Integration	JS6E	10/28/25 03:28

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 720279

Lab Sample ID: ICIS 410-720279/20

Client Sample ID:

Date Analyzed: 10/27/25 20:28

Lab File ID: copy_HC27X19.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone	3.25	Incomplete Integration	JS6E	10/28/25 02:57
Methyl acetate	3.63	Incomplete Integration	JS6E	10/27/25 23:49
n-Butanol	7.70	Incomplete Integration	JS6E	10/28/25 03:24
1,4-Dioxane	8.25	Incomplete Integration	JS6E	10/28/25 03:28

Lab Sample ID: IC 410-720279/21

Client Sample ID:

Date Analyzed: 10/27/25 20:50

Lab File ID: HC27X20.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrolein	3.09	Incomplete Integration	JS6E	10/28/25 02:55
Methyl acetate	3.62	Incomplete Integration	JS6E	10/27/25 23:53
t-Butyl alcohol	3.94	Incomplete Integration	JS6E	10/27/25 23:56
2-Butanone (MEK)	5.65	Incomplete Integration	JS6E	10/28/25 03:11
Propionitrile	5.74	Incomplete Integration	JS6E	10/27/25 23:57
Methyl methacrylate	8.24	Incomplete Integration	JS6E	10/28/25 04:23
1,4-Dioxane	8.25	Incomplete Integration	JS6E	10/28/25 03:29

Lab Sample ID: ICV 410-720279/23

Client Sample ID:

Date Analyzed: 10/27/25 21:31

Lab File ID: HC27X22.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl acetate	3.65	Incomplete Integration	JS6E	10/28/25 03:40
t-Butyl alcohol	3.95	Incomplete Integration	JS6E	10/28/25 03:40
Propionitrile	5.79	Incomplete Integration	JS6E	10/28/25 03:40
Isobutyl alcohol	6.81	Incomplete Integration	JS6E	10/28/25 03:40
Methyl methacrylate	8.25	Incomplete Integration	JS6E	10/28/25 04:26
1,4-Dioxane	8.26	Peak assignment corrected	JS6E	10/28/25 03:40

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 738637

Lab Sample ID: CCVIS 410-738637/3

Client Sample ID:

Date Analyzed: 12/03/25 22:16

Lab File ID: HD03X52.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl acetate	3.64	Incomplete Integration	HR3Z	12/03/25 22:41

Lab Sample ID: 410-254861-3

Client Sample ID: HD-COD-SW-8-0/1-0

Date Analyzed: 12/04/25 02:47

Lab File ID: HD03X65.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.51	Incomplete Integration	FQ4L	12/05/25 08:14
1,1,1-Trichloroethane		Invalid Compound ID	FQ4L	12/05/25 08:14
Acetone		Invalid Compound ID	FQ4L	12/05/25 08:14

Lab Sample ID: 410-254861-5

Client Sample ID: HD-COD-SW-13-0/1-0

Date Analyzed: 12/04/25 03:29

Lab File ID: HD03X67.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2-Trichloroethane		Invalid Compound ID	FQ4L	12/05/25 08:31

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19930

Analysis Batch Number: 686919

Lab Sample ID: IC 410-686919/13

Client Sample ID:

Date Analyzed: 08/18/25 19:53

Lab File ID: IG18X12.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.70	Incomplete Integration	N7YK	08/20/25 11:47
Freon 113	3.23	Incomplete Integration	N7YK	08/20/25 11:48
Acetone	3.28	Incomplete Integration	N7YK	08/20/25 11:48
Ethyl bromide	3.37	Incomplete Integration	N7YK	08/20/25 11:48
Allyl chloride	3.61	Incomplete Integration	N7YK	08/20/25 11:48
t-Butyl alcohol-d10 (IS)	3.79	Incomplete Integration	N7YK	08/20/25 11:48
1,1-Dichloroethane	4.79	Incomplete Integration	N7YK	08/20/25 11:48
di-Isopropyl ether	4.84	Incomplete Integration	N7YK	08/20/25 11:49
2-Chloro-1,3-butadiene	4.93	Incomplete Integration	N7YK	08/20/25 11:49
2,2-Dichloropropane	5.64	Incomplete Integration	N7YK	08/20/25 11:49
cis-1,2-Dichloroethene	5.67	Incomplete Integration	N7YK	08/20/25 11:49
Bromochloromethane	6.00	Incomplete Integration	N7YK	08/20/25 11:49
Tetrahydrofuran	6.01	Incomplete Integration	N7YK	08/20/25 11:49
1,1,1-Trichloroethane	6.34	Incomplete Integration	N7YK	08/20/25 11:49
Carbon tetrachloride	6.59	Incomplete Integration	N7YK	08/20/25 11:50
1,2-Dichloroethane	6.92	Incomplete Integration	N7YK	08/20/25 11:50
t-Amyl methyl ether	7.06	Incomplete Integration	N7YK	08/20/25 11:50
Dibromomethane	8.20	Incomplete Integration	N7YK	08/20/25 11:50
1-Bromo-2-chloroethane	8.83	Incomplete Integration	N7YK	08/20/25 11:50
cis-1,3-Dichloropropene	9.02	Incomplete Integration	N7YK	08/20/25 11:50
1,1,2-Trichloroethane	9.91	Incomplete Integration	N7YK	08/20/25 11:51
1,3-Dichloropropane	10.09	Incomplete Integration	N7YK	08/20/25 11:51
2-Hexanone	10.13	Incomplete Integration	N7YK	08/20/25 11:51
Chlorobenzene	10.87	Incomplete Integration	N7YK	08/20/25 11:51
Styrene	11.48	Incomplete Integration	N7YK	08/20/25 11:52

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19930

Analysis Batch Number: 686919

Lab Sample ID: IC 410-686919/27

Client Sample ID:

Date Analyzed: 08/18/25 20:14

Lab File ID: IG18X13.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.71	Incomplete Integration	N7YK	08/20/25 12:15
Freon 123a	2.95	Incomplete Integration	N7YK	08/20/25 12:15
t-Butyl alcohol-d10 (IS)	3.78	Incomplete Integration	N7YK	08/20/25 12:16
trans-1,2-Dichloroethene	4.16	Incomplete Integration	N7YK	08/20/25 12:16
Methacrylonitrile	5.98	Incomplete Integration	N7YK	08/20/25 12:16
Tetrahydrofuran	6.03	Incomplete Integration	N7YK	08/20/25 12:16
Carbon tetrachloride	6.56	Incomplete Integration	N7YK	08/20/25 12:17
1,2-Dichloroethane	6.93	Incomplete Integration	N7YK	08/20/25 12:17
cis-1,3-Dichloropropene	9.03	Incomplete Integration	N7YK	08/20/25 12:17
Chlorobenzene	10.87	Incomplete Integration	N7YK	08/20/25 12:18

Lab Sample ID: IC 410-686919/14

Client Sample ID:

Date Analyzed: 08/18/25 20:34

Lab File ID: IG18X14.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.72	Incomplete Integration	N7YK	08/20/25 12:20
Methyl acetate	3.64	Incomplete Integration	N7YK	08/20/25 12:21
t-Butyl alcohol-d10 (IS)	3.78	Incomplete Integration	N7YK	08/20/25 12:21
2-Butanone (MEK)	5.68	Incomplete Integration	N7YK	08/20/25 12:21
Tetrahydrofuran	6.03	Incomplete Integration	N7YK	08/20/25 12:22
cis-1,3-Dichloropropene	9.02	Incomplete Integration	N7YK	08/20/25 12:23
2-Hexanone	10.15	Incomplete Integration	N7YK	08/20/25 12:23
Styrene	11.45	Peak assignment corrected	N7YK	08/20/25 12:24

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19930

Analysis Batch Number: 686919

Lab Sample ID: IC 410-686919/15

Client Sample ID:

Date Analyzed: 08/18/25 20:54

Lab File ID: IG18X15.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.72	Incomplete Integration	N7YK	08/20/25 12:25
Methyl acetate	3.64	Incomplete Integration	N7YK	08/20/25 12:25
t-Butyl alcohol-d10 (IS)	3.79	Incomplete Integration	N7YK	08/20/25 12:25
n-Butanol	7.76	Peak assignment corrected	N7YK	08/20/25 12:26

Lab Sample ID: IC 410-686919/16

Client Sample ID:

Date Analyzed: 08/18/25 21:15

Lab File ID: IG18X16.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.71	Incomplete Integration	N7YK	08/20/25 12:33
Methyl acetate	3.60	Incomplete Integration	N7YK	08/20/25 12:33
t-Butyl alcohol-d10 (IS)	3.79	Incomplete Integration	N7YK	08/20/25 12:34
Tetrahydrofuran	6.00	Peak assignment corrected	N7YK	08/20/25 13:04
2-Nitropropane	8.70	Incomplete Integration	N7YK	08/20/25 13:05

Lab Sample ID: IC 410-686919/17

Client Sample ID:

Date Analyzed: 08/18/25 21:35

Lab File ID: IG18X17.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.72	Incomplete Integration	N7YK	08/20/25 13:09
t-Butyl alcohol-d10 (IS)	3.80	Incomplete Integration	N7YK	08/20/25 13:09

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19930

Analysis Batch Number: 686919

Lab Sample ID: IC 410-686919/18

Client Sample ID:

Date Analyzed: 08/18/25 21:55

Lab File ID: IG18X18.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.97	Incomplete Integration	N7YK	08/20/25 13:15
Trichlorofluoromethane	2.72	Incomplete Integration	N7YK	08/20/25 13:15
Methyl acetate	3.59	Incomplete Integration	N7YK	08/20/25 13:15

Lab Sample ID: ICIS 410-686919/19

Client Sample ID:

Date Analyzed: 08/18/25 22:16

Lab File ID: IG18X19.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.71	Incomplete Integration	N7YK	08/20/25 11:36
Methyl acetate	3.57	Incomplete Integration	N7YK	08/20/25 11:38
t-Butyl alcohol-d10 (IS)	3.76	Incomplete Integration	N7YK	08/20/25 11:38
Propionitrile	5.68	Incomplete Integration	N7YK	08/20/25 11:39
1-Chlorohexane	10.86	Peak assignment corrected	N7YK	08/20/25 11:40

Lab Sample ID: IC 410-686919/20

Client Sample ID:

Date Analyzed: 08/18/25 22:36

Lab File ID: IG18X20.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.71	Incomplete Integration	N7YK	08/20/25 13:17
Methyl acetate	3.57	Incomplete Integration	N7YK	08/20/25 13:17
t-Butyl alcohol-d10 (IS)	3.79	Incomplete Integration	N7YK	08/20/25 13:18

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19930

Analysis Batch Number: 686919

Lab Sample ID: ICV 410-686919/22

Client Sample ID:

Date Analyzed: 08/18/25 23:17

Lab File ID: IG18X22.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.72	Incomplete Integration	N7YK	08/20/25 13:19
Methyl acetate	3.59	Incomplete Integration	N7YK	08/22/25 11:17

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19930

Analysis Batch Number: 738847

Lab Sample ID: CCVIS 410-738847/3

Client Sample ID:

Date Analyzed: 12/04/25 09:43

Lab File ID: ID04X02.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.72	Incomplete Integration	N7YK	12/04/25 10:19

Lab Sample ID: 410-254861-9

Client Sample ID: HD-COD-SW-26-0/1-0

Date Analyzed: 12/04/25 14:58

Lab File ID: ID04X17.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone		Invalid Compound ID	FQ4L	12/05/25 09:30

Lab Sample ID: 410-254861-10

Client Sample ID: HD-COD-SW-27-0/1-0

Date Analyzed: 12/04/25 15:19

Lab File ID: ID04X18.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toluene-d8 (Surr)	9.32	Peak assignment corrected	FQ4L	12/05/25 09:31
Chloromethane		Invalid Compound ID	FQ4L	12/05/25 09:31

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_29_826ISO_00014	05/17/26	11/24/25	Methanol, Lot EJ274	10 mL	MSV_Cus826_IS_00871	834 uL	1,4-Dichlorobenzene-d4	208.5 ug/mL
							Chlorobenzene-d5 (IS)	208.5 ug/mL
							Fluorobenzene (IS)	208.5 ug/mL
							t-Butyl alcohol-d10 (IS)	1042.5 ug/mL
.MSV_Cus826_IS_00871	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_29_826ISS_00063	01/23/26	07/23/25	Methanol, Lot EJ274	10 mL	MSV_8260_SS_01463	834 uL	1,2-Dichloroethane-d4 (Surr)	208.5 ug/mL
							4-Bromofluorobenzene (Surr)	208.5 ug/mL
							Dibromofluoromethane (Surr)	208.5 ug/mL
							Toluene-d8 (Surr)	208.5 ug/mL
					MSV_Cus826_IS_00813	834 uL	1,4-Dichlorobenzene-d4	208.5 ug/mL
							Chlorobenzene-d5 (IS)	208.5 ug/mL
							Fluorobenzene (IS)	208.5 ug/mL
							t-Butyl alcohol-d10 (IS)	1042.5 ug/mL
.MSV_8260_SS_01463	10/31/29		Restek, Lot A0217887		(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_00813	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_29_826ISS_00066	04/22/26	10/22/25	Methanol, Lot EJ274	10 mL	MSV_Cus826_IS_00853	834 uL	1,4-Dichlorobenzene-d4	208.5 ug/mL
							Chlorobenzene-d5 (IS)	208.5 ug/mL
							Fluorobenzene (IS)	208.5 ug/mL
							t-Butyl alcohol-d10 (IS)	1042.5 ug/mL
.MSV_Cus826_IS_00853	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_29_826ISS_00066	04/22/26	10/22/25	Methanol, Lot EJ274	10 mL	MSV_8260_SS_01568	834 uL	1,2-Dichloroethane-d4 (Surr)	208.5 ug/mL
							4-Bromofluorobenzene (Surr)	208.5 ug/mL
							Dibromofluoromethane (Surr)	208.5 ug/mL
							Toluene-d8 (Surr)	208.5 ug/mL
.MSV_8260_SS_01568	05/31/30		Restek, Lot A0225343		(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_29_826ISS_00069	06/03/26	12/03/25	Methanol, Lot EJ274	10 mL	MSV_Cus826_IS_00887	834 uL	1,4-Dichlorobenzene-d4	208.5 ug/mL
							Chlorobenzene-d5 (IS)	208.5 ug/mL
							Fluorobenzene (IS)	208.5 ug/mL
							t-Butyl alcohol-d10 (IS)	1042.5 ug/mL
.MSV_Cus826_IS_00887	05/31/28		Restek, Lot A0225317		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_29_826ISS_00069	06/03/26	12/03/25	Methanol, Lot EJ274	10 mL	MSV_8260_SS_01608	834 uL	Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
							1,2-Dichloroethane-d4 (Surr)	208.5 ug/mL
							4-Bromofluorobenzene (Surr)	208.5 ug/mL
.MSV_8260_SS_01608	08/31/30		Restek, Lot A0229261		(Purchased Reagent)		Dibromofluoromethane (Surr)	208.5 ug/mL
							Toluene-d8 (Surr)	208.5 ug/mL
							1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 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	Toluene-d8 (Surr)	2500 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_VCYC_STK_00015	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	10 mL	MSV_CYC_00014	1.2719 g	Cyclohexanone	6250.12 ug/mL
..MSV_CYC_00014	02/28/29		Chem Service, Lot 16092200		(Purchased Reagent)		Cyclohexanone	127190 ug/mL
MSV_CCV_SIM_00094	11/26/25	11/19/25	Methanol, Lot EJ274	10 mL	MSV_CCV_GASES_01182	100 uL	Cyclohexanone	1 g/g
							1,2-Dichloro-1,1,2-trifluoroethane	20 ug/mL
							Bromomethane	20 ug/mL
							Butadiene	20 ug/mL
							Chloroethane	20 ug/mL
							Chloromethane	20 ug/mL
							Dichlorodifluoromethane	20 ug/mL
							Dichlorofluoromethane	20 ug/mL
							Trichlorofluoromethane	20 ug/mL
							Vinyl chloride	20 ug/mL
					MSV_V_SIM_00056	100 uL	1,1-Dichloroethene	20 ug/mL
							cis-1,2-Dichloroethene	20 ug/mL
							Tetrachloroethene	20 ug/mL
							Trichloroethene	20 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
.MSV_CCV_GASES_01182	11/26/25		Restek, Lot A0225685		(Purchased Reagent)		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
							1,1-Dichloroethene	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
.MSV_V_SIM_00056	12/11/25		Restek, Lot A0226666		(Purchased Reagent)		Tetrachloroethene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Acetonitrile	5000 ug/mL
							Ethyl acetate	1000 ug/mL
MSV_CCV_V5ACE_00055	11/07/25	10/08/25	Methanol, Lot EJ274	10 mL	MSV_AcetatesV_00093	1 mL		

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl acetate	1000 ug/mL
.MSV_AcetatesV_00093	11/07/25	Restek, Lot A0212300			(Purchased Reagent)		Acetonitrile	50000 ug/mL
							Ethyl acetate	10000 ug/mL
							Vinyl acetate	10000 ug/mL
MSV_CCV_V5ACE_00056	11/30/25	11/08/25	Methanol, Lot EJ274	10 mL	MSV_AcetatesV_00094	1 mL	Acetonitrile	5000 ug/mL
							Ethyl acetate	1000 ug/mL
							Vinyl acetate	1000 ug/mL
.MSV_AcetatesV_00094	11/30/25	Restek, Lot A0212300			(Purchased Reagent)		Acetonitrile	50000 ug/mL
							Ethyl acetate	10000 ug/mL
							Vinyl acetate	10000 ug/mL
MSV_DME_00066	12/23/25	Restek, Lot A0220508			(Purchased Reagent)		Dimethyl ether	1000 ug/mL
MSV_DME_00070	11/19/25	Restek, Lot A0220508			(Purchased Reagent)		Dimethyl ether	1000 ug/mL
MSV_LCS_VOC#1_00234	09/17/25	08/18/25	Methanol, Lot EH471	25 mL	MSV_M_MIX1SEC_00290	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_00285	1 mL	Carbon disulfide	40 ug/mL
							Methyl tert-butyl ether	40 ug/mL
					MSV_Q_Ketones_00292	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MSV_M_MIX1SEC_00290	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
.MSV_M_MIX2SEC_00285	05/31/28		Restek, Lot A0225702		(Purchased Reagent)		trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
.MSV_Q_Ketones_00292	04/30/27		Restek, Lot A0209876		(Purchased Reagent)		Trichloroethene	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							2-Butanone (MEK)	12500 ug/mL
MSV_LCS_VOC#1_00246	11/26/25	10/27/25	Methanol, Lot EJ274	25 mL	MSV_M_MIX1SEC_00299	1 mL	2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
							1,1,1,2-Tetrachloroethane	40 ug/mL
							1,1,1-Trichloroethane	40 ug/mL
							1,1,2,2-Tetrachloroethane	40 ug/mL
MSV_LCS_VOC#1_00246	11/26/25	10/27/25	Methanol, Lot EJ274	25 mL	MSV_M_MIX1SEC_00299	1 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00298	1 mL	Carbon disulfide	40 ug/mL
					MSV_Q_Ketones_00304	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_00299	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MSV_M_MIX2SEC_00298	05/31/28		Restek, Lot A0225702		(Purchased Reagent)		Trichloroethene	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_Q_Ketones_00304	05/31/28		Restek, Lot A0225601		(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_00250	12/24/25	11/24/25	Methanol, Lot EJ274	25 mL	MSV_M_MIX1SEC_00304	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_00307	1 mL	Carbon disulfide	40 ug/mL
							Methyl tert-butyl ether	40 ug/mL
					MSV_Q_Ketones_00309	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_00304	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

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)	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
.MSV_M_MIX2SEC_00307	05/31/28		Restek, Lot A0225702		(Purchased Reagent)		Trichloroethene	1000 ug/mL
.MSV_Q_Ketones_00309	05/31/28		Restek, Lot A0225601		(Purchased Reagent)		Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							2-Butanone (MEK)	12500 ug/mL
MSV_LCS_VOC#1_00251	12/31/25	12/01/25	Methanol, Lot EJ274	25 mL	MSV_M_MIX1SEC_00302	1 mL	2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00304	1 mL	Carbon disulfide	40 ug/mL
					Methyl tert-butyl ether	40 ug/mL		
					MSV_Q_Ketones_00319	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_00302	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_00304	05/31/28	Restek, Lot A0225702			(Purchased Reagent)		Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_Q_Ketones_00319	05/31/28	Restek, Lot A0225601			(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
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Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	12500 ug/mL
MSV_LL_#1_826_00174	08/31/25	08/18/25	Methanol, Lot EJ274	1 mL	MSV_CCV_VOC#1_00249	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane (EDB)	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
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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		
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							2-Nitropropane	250 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	125 ug/mL
							Benzyl chloride	50 ug/mL
							Carbon disulfide	50 ug/mL
							Cyclohexane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	2500 ug/mL
							Isopropyl ether	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl acetate	50 ug/mL
							Methyl methacrylate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							n-Butanol	4375 ug/mL
							n-Heptane	50 ug/mL
							Propionitrile	1000 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	250 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
					MSV_CCV_VOC#3_00251	200 uL	Acrolein	2439.71 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_V_VOA2_00303	150 uL	1,4-Dioxane	2500 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							Isobutyl alcohol	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
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Job No.: 410-254861-1

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_00249	09/17/25	08/18/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00248	1 mL	Methacrylonitrile	500 ug/mL
							n-Butanol	4375 ug/mL
							Propionitrile	1000 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
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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		
							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_00246	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
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-Methyl-2-propanol	5000 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 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
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_00248	09/17/25	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
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Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
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Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
..MSV_MegaMix#2_00246	09/17/25		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
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-Methyl-2-propanol	25000 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 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
							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_00251	08/31/25	08/18/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00029	0.5 mL	Acrolein	12198.5 ug/mL
					MSV_V_Ketones_00242	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_00029	08/31/25	08/12/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00049	9.067 mL	Acrolein	121985 ug/mL
...MSV_VACR_STK_00049	08/31/25	08/12/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00043	1.4482 g	Acrolein	134538 ug/mL
...MSV_ACROLEIN_00043	08/31/25		Chem Service, Lot 15807600		(Purchased Reagent)		Acrolein	0.929 g/g
..MSV_V_Ketones_00242	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_V_VOA2_00303	09/17/25	08/18/25	Methanol, Lot EH471	5 mL	MSV_V#2B_00441	1 mL	1,4-Dioxane	12500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isobutyl alcohol	12500 ug/mL
							Methacrylonitrile	2500 ug/mL
							n-Butanol	25000 ug/mL
							Propionitrile	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
..MSV_V#2B_00441	05/31/27	Restek, Lot A0225248			(Purchased Reagent)		1,4-Dioxane	62500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Methacrylonitrile	12500 ug/mL
							n-Butanol	125000 ug/mL
							Propionitrile	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
MSV_LL_#1_826_00182	11/26/25	10/27/25	Methanol, Lot EJ274	1 mL	MSV_CCV_VOC#1_00259	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane (EDB)	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	50 ug/mL
							1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							2-Nitropropane	250 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	125 ug/mL
							Benzyl chloride	50 ug/mL
							Carbon disulfide	50 ug/mL
							Cyclohexane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	2500 ug/mL
							Isopropyl ether	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl acetate	50 ug/mL
							Methyl methacrylate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							n-Butanol	4375 ug/mL
							n-Heptane	50 ug/mL
							Propionitrile	1000 ug/mL
							Tert-amyl methyl ether	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					MSV_CCV_VOC#3_00261	200 uL	Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	250 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Acrolein	2439.7 ug/mL
							2-Butanone (MEK)	500 ug/mL
							2-Hexanone	500 ug/mL
					MSV_V_VOA2_00314	150 uL	4-Methyl-2-pentanone (MIBK)	500 ug/mL
							Acetone	500 ug/mL
							1,4-Dioxane	2500 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							Isobutyl alcohol	2500 ug/mL
							Methacrylonitrile	500 ug/mL
.MSV_CCV_VOC#1_00259	11/26/25	10/27/25	Methanol, Lot EJ274	5 mL	MSV_MegaMIX#1_00258	1 mL	n-Butanol	4375 ug/mL
							Propionitrile	1000 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

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
							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_00258	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
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-Methyl-2-propanol	5000 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 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	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_00258	11/26/25		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
							m-Xylene & p-Xylene	10000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00258	11/26/25		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
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-Methyl-2-propanol	25000 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 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
							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_00261	11/26/25	10/27/25	Methanol, Lot EJ274	5 mL	MSV_CCV_ACR_00031	0.5 mL	Acrolein	12198.5 ug/mL
					MSV_V_Ketones_00252	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

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_00031	12/15/25	10/16/25	Methanol, Lot EJ274	10 mL	MSV_VACR_STK_00051	8.963 mL	Acrolein	121985 ug/mL
...MSV_VACR_STK_00051	12/15/25	10/16/25	Methanol, Lot EJ274	10 mL	MSV_ACROLEIN_00047	1.465 g	Acrolein	136099 ug/mL
...MSV_ACROLEIN_00047	07/31/27		Chem Service, Lot 16318500		(Purchased Reagent)		Acrolein	0.929 g/g
..MSV_V_Ketones_00252	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_V_VOA2_00314	11/26/25	10/27/25	Methanol, Lot EJ274	5 mL	MSV_V#2B_00453	1 mL	1,4-Dioxane	12500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Methacrylonitrile	2500 ug/mL
							n-Butanol	25000 ug/mL
							Propionitrile	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
..MSV_V#2B_00453	05/31/27		Restek, Lot A0225248		(Purchased Reagent)		1,4-Dioxane	62500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Methacrylonitrile	12500 ug/mL
							n-Butanol	125000 ug/mL
							Propionitrile	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
MSV_LL_#1_826_00185	12/15/25	11/20/25	Methanol, Lot EJ274	1 mL	MSV_CCV_VOC#1_00262	50 uL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane (EDB)	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	50 ug/mL
							1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							2-Nitropropane	250 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	125 ug/mL
							Benzyl chloride	50 ug/mL
							Carbon disulfide	50 ug/mL
							Cyclohexane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isobutyl alcohol	2500 ug/mL
							Isopropyl ether	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl acetate	50 ug/mL
							Methyl methacrylate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							n-Butanol	4375 ug/mL
							n-Heptane	50 ug/mL
							Propionitrile	1000 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Tetrahydrofuran	250 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
					MSV_CCV_VOC#3_00265	200 uL	Acrolein	2439.7 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_V_VOA2_00316	150 uL	1,4-Dioxane	2500 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							Isobutyl alcohol	2500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	4375 ug/mL
							Propionitrile	1000 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
.MSV_CCV_VOC#1_00262	12/17/25	11/17/25	Methanol, Lot EJ274	5 mL	MSV_MegaMIX#1_00260	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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_00264	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
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-Methyl-2-propanol	5000 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl methacrylate	1000 ug/mL
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 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
							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_00260	12/17/25	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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
..MSV_MegaMix#2_00264	12/17/25	Restek, Lot A0226118			(Purchased Reagent)		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
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-Methyl-2-propanol	25000 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 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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	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_00265	12/15/25	11/17/25	Methanol, Lot EJ274	5 mL	MSV_CCV_ACR_00031	0.5 mL	Acrolein	12198.5 ug/mL
					MSV_V_Ketones_00256	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_00031	12/15/25	10/16/25	Methanol, Lot EJ274	10 mL	MSV_VACR_STK_00051	8.963 mL	Acrolein	121985 ug/mL
...MSV_VACR_STK_00051	12/15/25	10/16/25	Methanol, Lot EJ274	10 mL	MSV_ACROLEIN_00047	1.465 g	Acrolein	136099 ug/mL
...MSV_ACROLEIN_00047	07/31/27		Chem Service, Lot 16318500		(Purchased Reagent)		Acrolein	0.929 g/g
..MSV_V_Ketones_00256	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_V_VOA2_00316	12/17/25	11/17/25	Methanol, Lot EJ274	5 mL	MSV_V#2B_00458	1 mL	1,4-Dioxane	12500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Methacrylonitrile	2500 ug/mL
							n-Butanol	25000 ug/mL
							Propionitrile	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
..MSV_V#2B_00458	05/31/27		Restek, Lot A0225248		(Purchased Reagent)		1,4-Dioxane	62500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Methacrylonitrile	12500 ug/mL
							n-Butanol	125000 ug/mL
							Propionitrile	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
MSV_LL_#2_826_00189	08/22/25	08/18/25	Methanol, Lot EJ274	1 mL	CCV_ETBR_00009	50 uL	Ethyl bromide	49.9488 ug/mL
					MSV_BCE_00087	25 uL	1-Bromo-2-chloroethane	50 ug/mL
					MSV_CCV_EE_00009	50 uL	Ethyl ether	50.0166 ug/mL
					MSV_V_PentaCL_00054	10 uL	Pentachloroethane	50 ug/mL
.CCV_ETBR_00009	11/06/25	05/06/25	Methanol, Lot EH471	10 mL	MSV_VETBR_STK_00018	0.344 mL	Ethyl bromide	998.976 ug/mL
..MSV_VETBR_STK_00018	11/06/25	05/06/25	Methanol, Lot EH471	10 mL	MSV_EtBr_00012	0.2904 g	Ethyl bromide	29040 ug/mL
...MSV_EtBr_00012	10/31/27		Chem Service, Lot 15732400		(Purchased Reagent)		Ethyl bromide	1 g/g
.MSV_BCE_00087	08/30/25		Restek, Lot A0224363		(Purchased Reagent)		1-Bromo-2-chloroethane	2000 ug/mL
.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_V_PentaCL_00054	08/22/25		Restek, Lot A0197490		(Purchased Reagent)		Pentachloroethane	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_LL_#2_826_00196	11/03/25	10/27/25	Methanol, Lot EJ274	1 mL	CCV_ETBR_00009	50 uL	Ethyl bromide	49.9488 ug/mL
					MSV_BCE_00089	25 uL	1-Bromo-2-chloroethane	50 ug/mL
					MSV_CCV_EE_00009	50 uL	Ethyl ether	50.0166 ug/mL
					MSV_V_PentaCL_00058	10 uL	Pentachloroethane	50 ug/mL
.CCV_ETBR_00009	11/06/25	05/06/25	Methanol, Lot EH471	10 mL	MSV_VETBR_STK_00018	0.344 mL	Ethyl bromide	998.976 ug/mL
..MSV_VETBR_STK_00018	11/06/25	05/06/25	Methanol, Lot EH471	10 mL	MSV_EtBr_00012	0.2904 g	Ethyl bromide	29040 ug/mL
...MSV_EtBr_00012	10/31/27		Chem Service, Lot 15732400		(Purchased Reagent)		Ethyl bromide	1 g/g
.MSV_BCE_00089	11/26/25		Restek, Lot A0224363		(Purchased Reagent)		1-Bromo-2-chloroethane	2000 ug/mL
.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_V_PentaCL_00058	11/12/25		Restek, Lot A0197490		(Purchased Reagent)		Pentachloroethane	5000 ug/mL
MSV_LL_#2_826_00200	11/26/25	11/24/25	Methanol, Lot EJ274	1 mL	CCV_ETBR_00010	50 uL	Ethyl bromide	49.9982 ug/mL
					MSV_BCE_00089	25 uL	1-Bromo-2-chloroethane	50 ug/mL
					MSV_CCV_EE_00010	50 uL	Ethyl ether	49.9953 ug/mL
					MSV_V_PentaCL_00065	10 uL	Pentachloroethane	50 ug/mL
.CCV_ETBR_00010	05/05/26	11/05/25	Methanol, Lot EJ274	10 mL	MSV_VETBR_STK_00019	0.411 mL	Ethyl bromide	999.963 ug/mL
..MSV_VETBR_STK_00019	05/05/26	11/05/25	Methanol, Lot EJ274	10 mL	MSV_EtBr_00012	0.2433 g	Ethyl bromide	24330 ug/mL
...MSV_EtBr_00012	10/31/27		Chem Service, Lot 15732400		(Purchased Reagent)		Ethyl bromide	1 g/g
.MSV_BCE_00089	11/26/25		Restek, Lot A0224363		(Purchased Reagent)		1-Bromo-2-chloroethane	2000 ug/mL
.MSV_CCV_EE_00010	04/29/26	10/29/25	Methanol, Lot EJ274	50 mL	MSV_EE_MISCSK_00017	1.771 mL	Ethyl ether	999.907 ug/mL
..MSV_EE_MISCSK_00017	04/29/26	10/29/25	Methanol, Lot EJ274	10 mL	MSV_EE_Neat_00014	0.2823 g	Ethyl ether	28230 ug/mL
...MSV_EE_Neat_00014	06/30/27		Chem Service, Lot 15507600		(Purchased Reagent)		Ethyl ether	1 g/g
.MSV_V_PentaCL_00065	12/11/25		Restek, Lot A0197490		(Purchased Reagent)		Pentachloroethane	5000 ug/mL
MSV_LL_GAS826_00285	08/25/25	08/18/25	Methanol, Lot EJ274	1 mL	MSV_CCV_GASES_01131	25 uL	1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
.MSV_CCV_GASES_01131	08/25/25		Restek, Lot A0225685		(Purchased Reagent)		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_LL_GAS826_00295	11/03/25	10/27/25	Methanol, Lot EJ274	1 mL	MSV_CCV_GASES_01160	25 uL	1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
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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		
							Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.MSV_CCV_GASES_01160	11/03/25	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_LL_GAS826_00299	12/01/25	11/24/25	Methanol, Lot EJ274	1 mL	MSV_CCV_GASES_01181	25 uL	1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.MSV_CCV_GASES_01181	12/01/25	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_LL_GAS826_00300	12/09/25	12/02/25	Methanol, Lot EJ274	1 mL	MSV_CCV_GASES_01173	25 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.MSV_CCV_GASES_01173	12/09/25	Restek, Lot A0225685			(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_LLcentISO_00012	04/21/26	10/27/25	Methanol, Lot EJ274	50 mL	MSV_Cus826_IS_00858	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_00858	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_LLcentISS_00018	02/18/26	08/18/25	Methanol, Lot EJ274	50 mL	MSV_8260_SS_01503	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_00829	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_8260_SS_01503	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_Cus826_IS_00829	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_LLcentISS_00019	04/21/26	10/21/25	Methanol, Lot EJ274	50 mL	MSV_8260_SS_01566	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_00858	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_8260_SS_01566	05/31/30		Restek, Lot A0225343		(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_00858	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_QC_Gas826_00275	08/25/25	08/18/25	Methanol, Lot EJ274	1 mL	MSV_QC_2K_GAS_00313	20 uL	Bromomethane	40 ug/mL
							Chloroethane	40 ug/mL
							Chloromethane	40 ug/mL
							Vinyl chloride	40 ug/mL
.MSV_QC_2K_GAS_00313	08/25/25		Restek, Lot A0211460		(Purchased Reagent)		Bromomethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_QC_Gas826_00285	11/03/25	10/27/25	Methanol, Lot EJ274	1 mL	MSV_QC_2K_GAS_00324	20 uL	Bromomethane	40 ug/mL
							Chloroethane	40 ug/mL
							Chloromethane	40 ug/mL
							Vinyl chloride	40 ug/mL
.MSV_QC_2K_GAS_00324	11/03/25		Restek, Lot A0225328		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_QC_Gas826_00289	11/26/25	11/24/25	Methanol, Lot EJ274	1 mL	MSV_QC_2K_GAS_00331	20 uL	Bromomethane	40 ug/mL
							Chloroethane	40 ug/mL
							Chloromethane	40 ug/mL
							Vinyl chloride	40 ug/mL
.MSV_QC_2K_GAS_00331	12/01/25		Restek, Lot A0225328		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_QC_Gas826_00292	12/08/25	12/02/25	Methanol, Lot EJ274	1 mL	MSV_QC_2K_GAS_00327	20 uL	Bromomethane	40 ug/mL
							Chloroethane	40 ug/mL
							Chloromethane	40 ug/mL
							Vinyl chloride	40 ug/mL
.MSV_QC_2K_GAS_00327	12/08/25		Restek, Lot A0225328		(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	
							Tentatively Identified Compound	
							Xylenes, Total	
					MSV_VBFB_STK_00014	0.049 mL	BFB	49.7154 ug/mL
.MSV_VBFB_STK_00014	11/22/25	05/22/25	Methanol, Lot EH471	10 mL	MSV_4BFB_NEAT_00013	0.5073 g	BFB	50730 ug/mL
..MSV_4BFB_NEAT_00013	06/30/29		Chem Service, Lot 16054300		(Purchased Reagent)		BFB	1 g/g
MSV_V_BFB_00021							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Xylenes, Total	
					MSV_VBFB_STK_00015	0.264 mL	BFB	49.991 ug/mL
.MSV_VBFB_STK_00015	03/19/26	11/19/25	Methanol, Lot EJ274	10 mL	MSV_4BFB_NEAT_00013	0.4734 g	BFB	47340 ug/mL
..MSV_4BFB_NEAT_00013	06/30/29		Chem Service, Lot 16054300		(Purchased Reagent)		BFB	1 g/g
MSV_V_SMRV4_00094	11/07/25	10/27/25	Methanol, Lot EJ274	1 mL	MSV_CCV_2CEVE_00252	200 uL	2-Chloroethyl vinyl ether	200 ug/mL
					MSV_CCV_LKB_00014	400 uL	cis-1,4-Dichloro-2-butene	399.959 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MSV_CCV_2CEVE_00252	11/26/25	10/27/25	Methanol, Lot EJ274	5 mL	MSV_V_SMFreon_00073	100 uL	Chlorodifluoromethane	200 ug/mL
..MSV_V_2CLEVE_00260	04/30/28		Restek, Lot A0225196		MSV_V_2CLEVE_00260	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
.MSV_CCV_LKB_00014	03/03/26	09/03/25	Methanol, Lot EH471	50 mL	(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
..MSV_Vc14d_STK_00014	03/03/26	09/03/25	Methanol, Lot EH471	10 mL	MSV_Vc14d_STK_00014	1.259 mL	cis-1,4-Dichloro-2-butene	999.898 ug/mL
...MSV_c14dcb_Nt_00005	08/16/27		Aldrich, Lot SHBH4584V		MSV_c14dcb_Nt_00005	0.418 g	cis-1,4-Dichloro-2-butene	39710 ug/mL
.MSV_V_SMFreon_00073	11/07/25		Restek, Lot A0197864		(Purchased Reagent)		cis-1,4-Dichloro-2-butene	0.95 g/g
MSV_V_SMRV4_00095	12/03/25	11/21/25	Methanol, Lot EJ274	1 mL	(Purchased Reagent)		Chlorodifluoromethane	2000 ug/mL
					MSV_CCV_2CEVE_00255	200 uL	2-Chloroethyl vinyl ether	200 ug/mL
					MSV_CCV_LKB_00014	400 uL	cis-1,4-Dichloro-2-butene	399.959 ug/mL
					MSV_V_SMFreon_00074	100 uL	Chlorodifluoromethane	200 ug/mL
.MSV_CCV_2CEVE_00255	12/10/25	11/17/25	Methanol, Lot EJ274	5 mL	MSV_V_2CLEVE_00266	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
..MSV_V_2CLEVE_00266	04/30/28		Restek, Lot A0225196		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
.MSV_CCV_LKB_00014	03/03/26	09/03/25	Methanol, Lot EH471	50 mL	MSV_Vc14d_STK_00014	1.259 mL	cis-1,4-Dichloro-2-butene	999.898 ug/mL
..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_V_SMFreon_00074	12/03/25		Restek, Lot A0197864		(Purchased Reagent)		Chlorodifluoromethane	2000 ug/mL

Reagent

MSV_8260_SS_01463



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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:

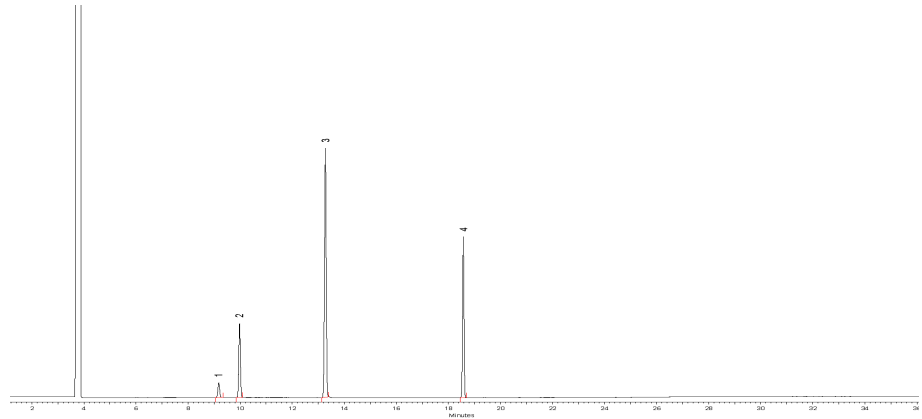
FID

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_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

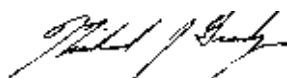
Product Name:

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_00813



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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:

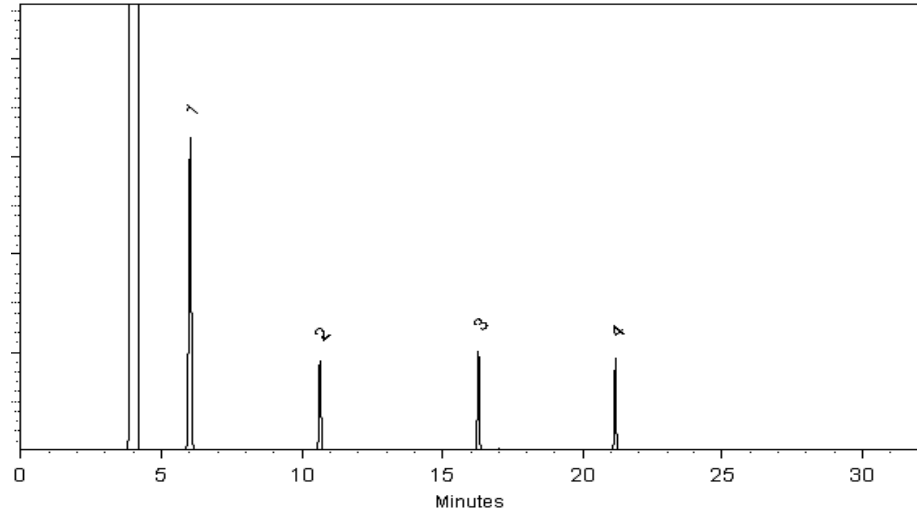
FID

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_00829



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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:

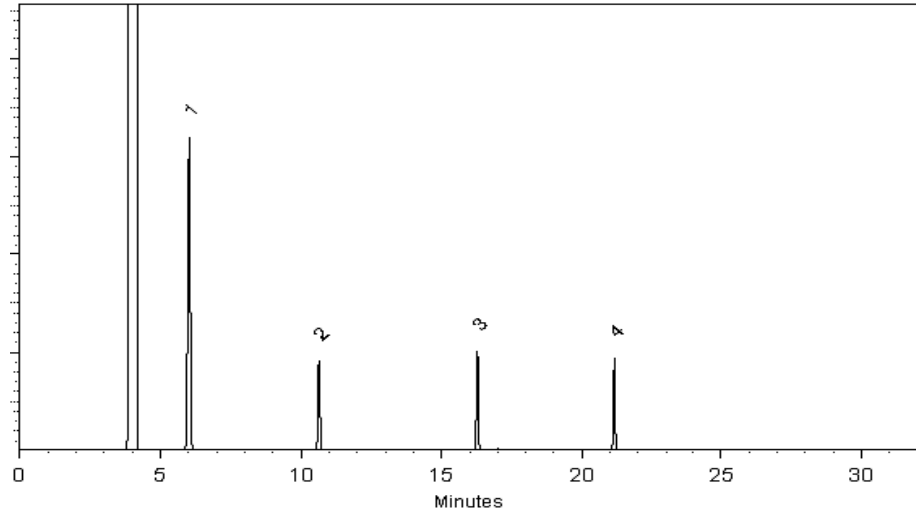
FID

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_00853



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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:

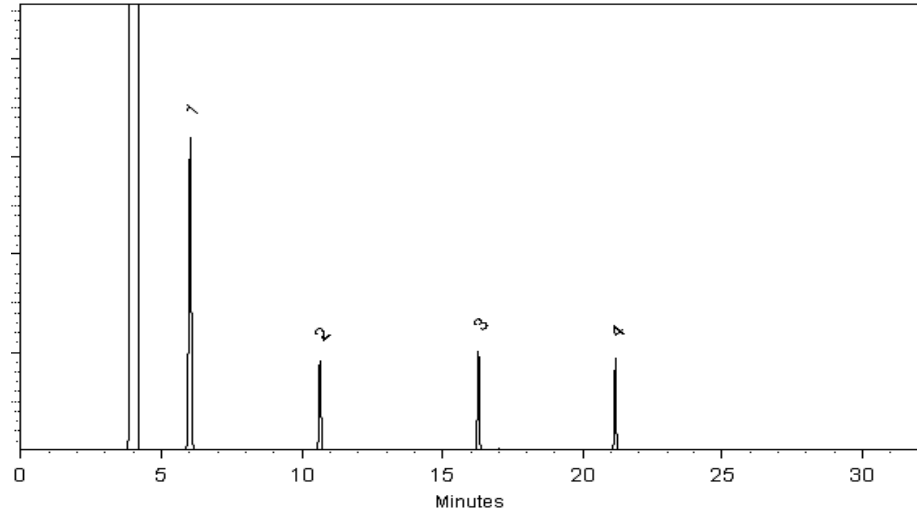
FID

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_00858



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CERTIFIED REFERENCE MATERIAL

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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:

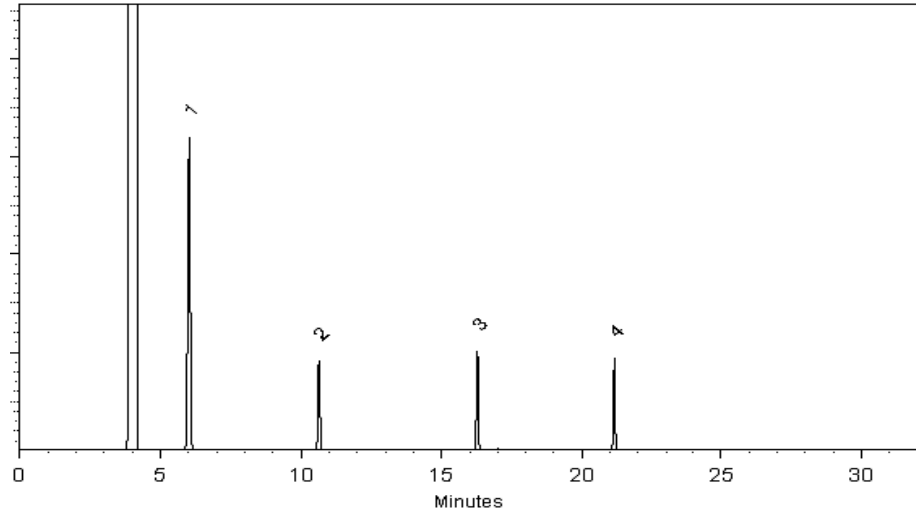
FID

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_DME_00066



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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. : 564156 **Lot No.:** A0220508

Description : Custom Dimethyl Ether Standard

Custom Dimethyl Ether Standard 1,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : December 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	Methyl ether (dimethyl ether)	115-10-6	00023399	99%	1,004.7 µg/mL	+/- 16.3917

* 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:

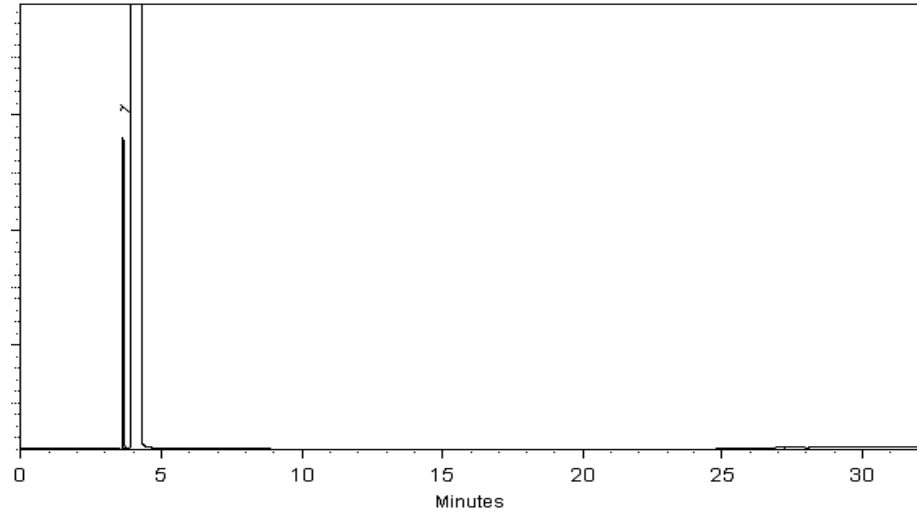
FID

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: 27-Dec-2024

Balance Serial # B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 02-Jan-2025

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_DME_00070



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CERTIFIED REFERENCE MATERIAL

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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. : 564156 **Lot No.:** A0220508

Description : Custom Dimethyl Ether Standard

Custom Dimethyl Ether Standard 1,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : December 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	Methyl ether (dimethyl ether)	115-10-6	00023399	99%	1,004.7 µg/mL	+/- 16.3917

* 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:

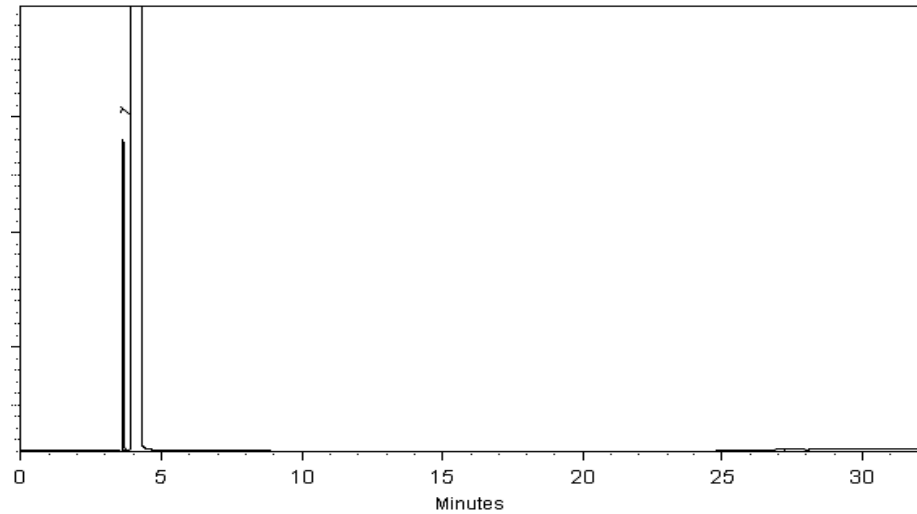
FID

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: 27-Dec-2024

Balance Serial # B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 02-Jan-2025

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_QC_2K_GAS_00313



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CERTIFIED REFERENCE MATERIAL

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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.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:

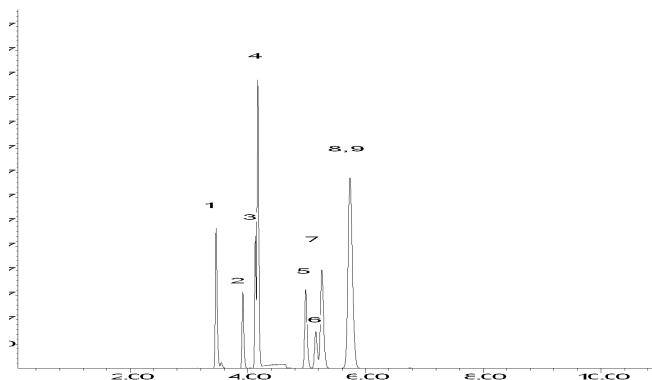
MSD

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_PentaCL_00054



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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. : 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:

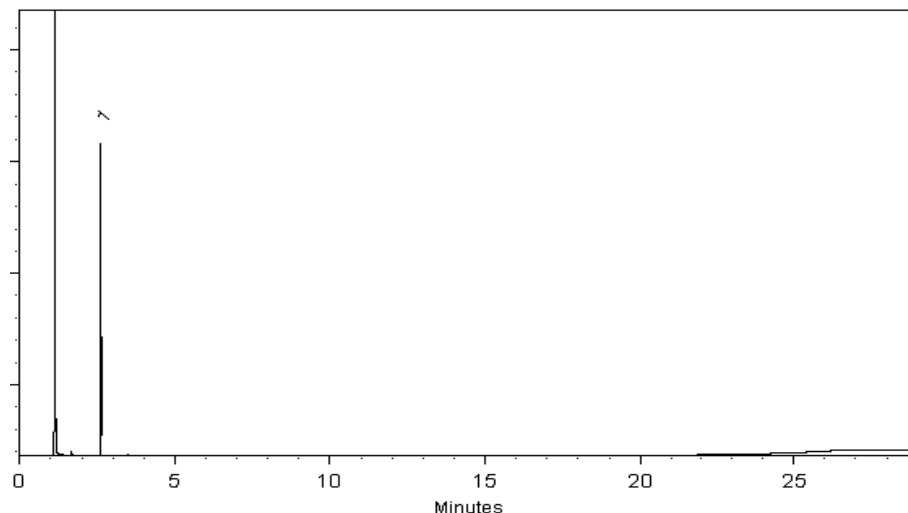
FID

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_PentaCL_00058



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:

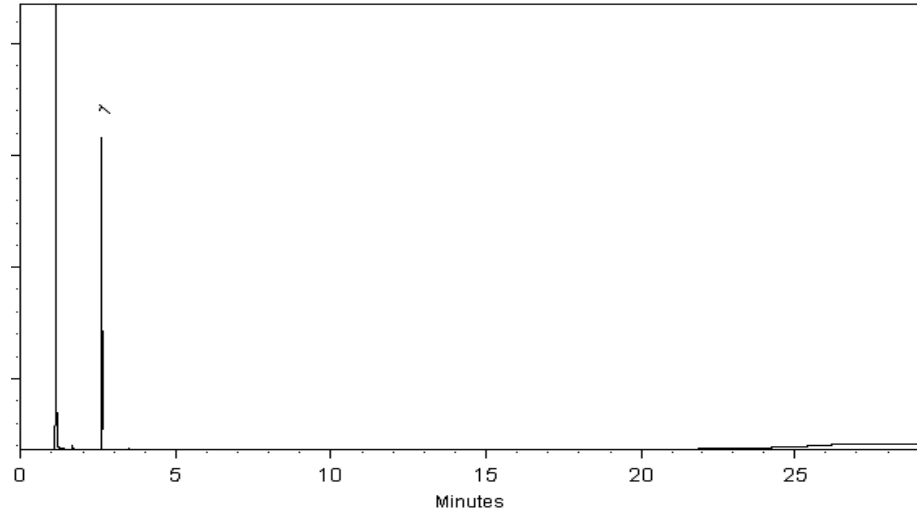
FID

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_PentaCL_00065



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:

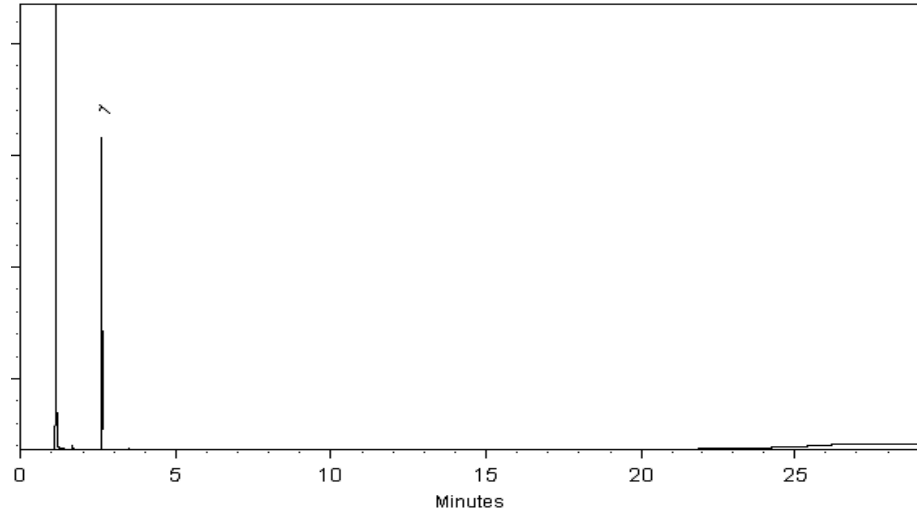
FID

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_00073



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:

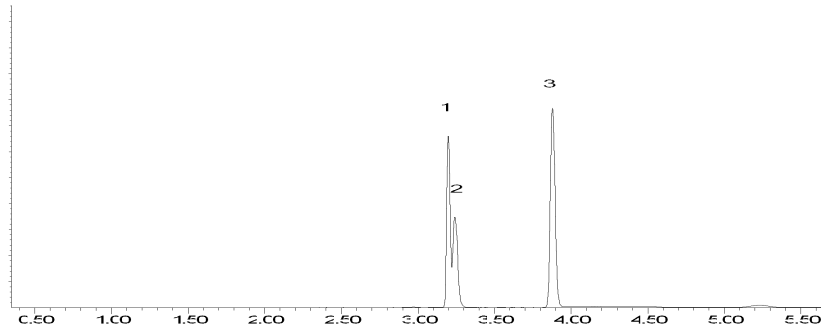
MSD

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.
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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:

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Handling Notes:

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- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_V_SMFreon_00074



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
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* 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:

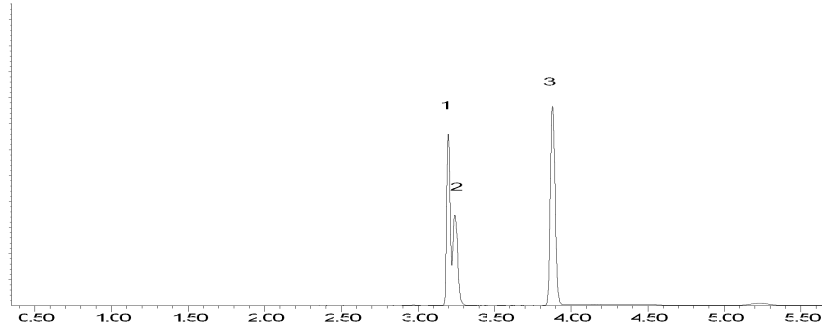
MSD

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 Low Level

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

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-COD-SW-6-0/1-0	410-254861-1	98	99	100	98
HD-COD-SW-7-0/1-0	410-254861-2	99	100	100	97
HD-COD-SW-8-0/1-0	410-254861-3	99	100	100	96
HD-COD-SW-9-0/1-0	410-254861-4	99	99	100	98
HD-COD-SW-13-0/1-0	410-254861-5	98	97	101	97
HD-COD-SW-15-0/1-0	410-254861-6	98	98	100	97
HD-COD-SW-16-0/1-0	410-254861-7	96	97	100	100
HD-COD-SW-17-0/1-0	410-254861-8	98	94	101	101
HD-COD-SW-17-0/1-0 DL	410-254861-8 DL	105	104	98	93
HD-COD-SW-26-0/1-0	410-254861-9	103	101	100	93
HD-COD-SW-27-0/1-0	410-254861-10	105	102	100	92
HD-COD-SW-28-0/1-0	410-254861-11	106	104	100	94
HD-COD-SW-29-0/1-0	410-254861-12	96	95	99	99
HD0QC1-0/1-1	410-254861-13	98	94	100	101
HD0QC1-0/1-1 DL	410-254861-13 DL	96	97	100	99
HD0QC1-0/1-2	410-254861-14	97	98	99	101
	MB 410-738637/6	98	97	100	96
	MB 410-738640/7	97	98	100	101
	MB 410-738847/10	104	105	100	93
	MB 410-739507/10	96	97	100	100
	LCS 410-738637/4	99	99	101	100
	LCS 410-738640/4	98	96	99	100
	LCS 410-738847/6	98	96	104	99
	LCS 410-739507/5	98	96	99	100
	LCSD 410-738640/5	98	97	99	100
	LCSD 410-739507/6	98	96	100	99
HD-COD-SW-15-0/1-0 MS MS	410-254861-6 MS	99	101	101	100
HD-COD-SW-15-0/1-0 MSD MSD	410-254861-6 MSD	102	101	101	100

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.: 410-254861-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: HD03X53.D

Lab ID: LCS 410-738637/4

Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	5.00	5.13	103	80-122	
1,1,1-Trichloroethane	5.00	5.06	101	78-126	
1,1,2,2-Tetrachloroethane	5.00	5.23	105	75-130	
1,1,2-Trichloroethane	5.00	5.27	105	80-120	
1,1-Dichloroethane	5.00	5.56	111	80-128	
1,1-Dichloroethene	5.00	5.53	111	80-131	
1,2-Dibromoethane (EDB)	5.00	5.29	106	80-120	
1,2-Dichloroethane	5.00	5.27	105	79-128	
1,2-Dichloropropane	5.00	5.52	110	80-129	
2-Butanone (MEK)	62.5	63.7	102	67-141	
2-Hexanone	62.5	67.4	108	62-151	
4-Methyl-2-pentanone (MIBK)	62.5	62.7	100	63-140	
Acetone	62.5	55.5	89	60-146	
Benzene	5.00	5.19	104	80-120	
Bromochloromethane	5.00	5.26	105	80-133	
Bromodichloromethane	5.00	5.20	104	80-123	
Bromoform	5.00	4.83	97	67-134	
Bromomethane	5.00	4.85	97	63-126	
Carbon disulfide	5.00	5.31	106	67-130	
Carbon tetrachloride	5.00	5.23	105	77-132	
Chlorobenzene	5.00	5.24	105	80-120	
Chloroethane	5.00	5.16	103	63-132	
Chloroform	5.00	5.17	103	80-120	
Chloromethane	5.00	4.90	98	56-131	
cis-1,2-Dichloroethene	5.00	5.38	108	80-122	
cis-1,3-Dichloropropene	5.00	5.09	102	75-121	
Dibromochloromethane	5.00	4.96	99	80-123	
Ethylbenzene	5.00	5.17	103	80-120	
Methyl tert-butyl ether	5.00	4.84	97	69-120	
Methylene Chloride	5.00	5.43	109	80-120	
Styrene	5.00	5.17	103	80-120	
Tetrachloroethene	5.00	4.84	97	80-120	
Toluene	5.00	5.18	104	80-120	
trans-1,2-Dichloroethene	5.00	5.31	106	80-122	
trans-1,3-Dichloropropene	5.00	5.26	105	76-123	
Trichloroethene	5.00	5.13	103	80-120	
Vinyl chloride	5.00	4.67	93	60-125	
Xylenes, Total	15.0	15.2	101	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.: 410-254861-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: GD03X03.D

Lab ID: LCS 410-738640/4

Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	5.00	4.97	99	80-122	
1,1,1-Trichloroethane	5.00	5.09	102	78-126	
1,1,2,2-Tetrachloroethane	5.00	5.08	102	75-130	
1,1,2-Trichloroethane	5.00	5.03	101	80-120	
1,1-Dichloroethane	5.00	5.30	106	80-128	
1,1-Dichloroethene	5.00	5.66	113	80-131	
1,2-Dibromoethane (EDB)	5.00	4.97	99	80-120	
1,2-Dichloroethane	5.00	5.19	104	79-128	
1,2-Dichloropropane	5.00	5.06	101	80-129	
2-Butanone (MEK)	62.5	63.6	102	67-141	
2-Hexanone	62.5	64.8	104	62-151	
4-Methyl-2-pentanone (MIBK)	62.5	64.2	103	63-140	
Acetone	62.5	58.5	94	60-146	
Benzene	5.00	5.03	101	80-120	
Bromochloromethane	5.00	4.97	99	80-133	
Bromodichloromethane	5.00	5.00	100	80-123	
Bromoform	5.00	4.74	95	67-134	
Bromomethane	5.00	4.52	90	63-126	
Carbon disulfide	5.00	5.29	106	67-130	
Carbon tetrachloride	5.00	5.14	103	77-132	
Chlorobenzene	5.00	5.03	101	80-120	
Chloroethane	5.00	4.66	93	63-132	
Chloroform	5.00	5.05	101	80-120	
Chloromethane	5.00	4.16	83	56-131	
cis-1,2-Dichloroethene	5.00	5.35	107	80-122	
cis-1,3-Dichloropropene	5.00	4.87	97	75-121	
Dibromochloromethane	5.00	4.80	96	80-123	
Ethylbenzene	5.00	5.08	102	80-120	
Methyl tert-butyl ether	5.00	4.75	95	69-120	
Methylene Chloride	5.00	5.16	103	80-120	
Styrene	5.00	5.06	101	80-120	
Tetrachloroethene	5.00	4.68	94	80-120	
Toluene	5.00	4.94	99	80-120	
trans-1,2-Dichloroethene	5.00	5.11	102	80-122	
trans-1,3-Dichloropropene	5.00	5.03	101	76-123	
Trichloroethene	5.00	5.22	104	80-120	
Vinyl chloride	5.00	4.51	90	60-125	
Xylenes, Total	15.0	14.9	99	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.: 410-254861-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: ID04X05.D

Lab ID: LCS 410-738847/6

Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	5.00	5.30	106	80-122	
1,1,1-Trichloroethane	5.00	4.17	83	78-126	
1,1,2,2-Tetrachloroethane	5.00	6.07	121	75-130	
1,1,2-Trichloroethane	5.00	5.38	108	80-120	
1,1-Dichloroethane	5.00	4.54	91	80-128	
1,1-Dichloroethene	5.00	4.62	92	80-131	
1,2-Dibromoethane (EDB)	5.00	5.49	110	80-120	
1,2-Dichloroethane	5.00	4.46	89	79-128	
1,2-Dichloropropane	5.00	4.65	93	80-129	
2-Butanone (MEK)	62.5	58.7	94	67-141	
2-Hexanone	62.5	67.1	107	62-151	
4-Methyl-2-pentanone (MIBK)	62.5	65.0	104	63-140	
Acetone	62.5	58.6	94	60-146	
Benzene	5.00	4.23	85	80-120	
Bromochloromethane	5.00	4.50	90	80-133	
Bromodichloromethane	5.00	4.88	98	80-123	
Bromoform	5.00	4.25	85	67-134	
Bromomethane	5.00	4.21	84	63-126	
Carbon disulfide	5.00	4.12	82	67-130	
Carbon tetrachloride	5.00	4.31	86	77-132	
Chlorobenzene	5.00	5.08	102	80-120	
Chloroethane	5.00	4.13	83	63-132	
Chloroform	5.00	4.52	90	80-120	
Chloromethane	5.00	4.13	83	56-131	
cis-1,2-Dichloroethene	5.00	4.46	89	80-122	
cis-1,3-Dichloropropene	5.00	4.77	95	75-121	
Dibromochloromethane	5.00	4.92	98	80-123	
Ethylbenzene	5.00	4.89	98	80-120	
Methyl tert-butyl ether	5.00	4.02	80	69-120	
Methylene Chloride	5.00	4.63	93	80-120	
Styrene	5.00	5.29	106	80-120	
Tetrachloroethene	5.00	4.09	82	80-120	
Toluene	5.00	4.68	94	80-120	
trans-1,2-Dichloroethene	5.00	4.25	85	80-122	
trans-1,3-Dichloropropene	5.00	5.26	105	76-123	
Trichloroethene	5.00	4.35	87	80-120	
Vinyl chloride	5.00	4.63	93	60-125	
Xylenes, Total	15.0	14.7	98	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.: 410-254861-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: GD05X04.D

Lab ID: LCS 410-739507/5

Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	5.00	4.62	92	80-122	
1,1,1-Trichloroethane	5.00	4.55	91	78-126	
1,1,2,2-Tetrachloroethane	5.00	4.79	96	75-130	
1,1,2-Trichloroethane	5.00	4.65	93	80-120	
1,1-Dichloroethane	5.00	4.71	94	80-128	
1,1-Dichloroethene	5.00	4.99	100	80-131	
1,2-Dibromoethane (EDB)	5.00	4.58	92	80-120	
1,2-Dichloroethane	5.00	4.60	92	79-128	
1,2-Dichloropropane	5.00	4.58	92	80-129	
2-Butanone (MEK)	62.5	61.4	98	67-141	
2-Hexanone	62.5	61.2	98	62-151	
4-Methyl-2-pentanone (MIBK)	62.5	61.8	99	63-140	
Acetone	62.5	54.0	86	60-146	
Benzene	5.00	4.58	92	80-120	
Bromochloromethane	5.00	4.52	90	80-133	
Bromodichloromethane	5.00	4.53	91	80-123	
Bromoform	5.00	4.38	88	67-134	
Bromomethane	5.00	4.10	82	63-126	
Carbon disulfide	5.00	4.61	92	67-130	
Carbon tetrachloride	5.00	4.58	92	77-132	
Chlorobenzene	5.00	4.65	93	80-120	
Chloroethane	5.00	4.21	84	63-132	
Chloroform	5.00	4.56	91	80-120	
Chloromethane	5.00	3.49	70	56-131	
cis-1,2-Dichloroethene	5.00	4.85	97	80-122	
cis-1,3-Dichloropropene	5.00	4.39	88	75-121	
Dibromochloromethane	5.00	4.39	88	80-123	
Ethylbenzene	5.00	4.70	94	80-120	
Methyl tert-butyl ether	5.00	4.23	85	69-120	
Methylene Chloride	5.00	4.64	93	80-120	
Styrene	5.00	4.67	93	80-120	
Tetrachloroethene	5.00	4.34	87	80-120	
Toluene	5.00	4.60	92	80-120	
trans-1,2-Dichloroethene	5.00	4.64	93	80-122	
trans-1,3-Dichloropropene	5.00	4.56	91	76-123	
Trichloroethene	5.00	4.80	96	80-120	
Vinyl chloride	5.00	3.97	79	60-125	
Xylenes, Total	15.0	13.9	93	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.: 410-254861-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: GD03X04.D

Lab ID: LCSD 410-738640/5

Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1,2-Tetrachloroethane	5.00	5.02	100	1	30	80-122	
1,1,1-Trichloroethane	5.00	5.15	103	1	30	78-126	
1,1,2,2-Tetrachloroethane	5.00	5.11	102	1	30	75-130	
1,1,2-Trichloroethane	5.00	5.08	102	1	30	80-120	
1,1-Dichloroethane	5.00	5.30	106	0	30	80-128	
1,1-Dichloroethene	5.00	5.65	113	0	30	80-131	
1,2-Dibromoethane (EDB)	5.00	5.00	100	1	30	80-120	
1,2-Dichloroethane	5.00	5.07	101	2	30	79-128	
1,2-Dichloropropane	5.00	5.06	101	0	30	80-129	
2-Butanone (MEK)	62.5	63.4	101	0	30	67-141	
2-Hexanone	62.5	64.3	103	1	30	62-151	
4-Methyl-2-pentanone (MIBK)	62.5	64.2	103	0	30	63-140	
Acetone	62.5	57.2	91	2	30	60-146	
Benzene	5.00	5.11	102	2	30	80-120	
Bromochloromethane	5.00	5.09	102	2	30	80-133	
Bromodichloromethane	5.00	5.00	100	0	30	80-123	
Bromoform	5.00	4.79	96	1	30	67-134	
Bromomethane	5.00	4.57	91	1	30	63-126	
Carbon disulfide	5.00	5.34	107	1	30	67-130	
Carbon tetrachloride	5.00	5.17	103	0	30	77-132	
Chlorobenzene	5.00	5.09	102	1	30	80-120	
Chloroethane	5.00	4.71	94	1	30	63-132	
Chloroform	5.00	5.08	102	1	30	80-120	
Chloromethane	5.00	4.27	85	3	30	56-131	
cis-1,2-Dichloroethene	5.00	5.40	108	1	30	80-122	
cis-1,3-Dichloropropene	5.00	4.93	99	1	30	75-121	
Dibromochloromethane	5.00	4.86	97	1	30	80-123	
Ethylbenzene	5.00	5.10	102	0	30	80-120	
Methyl tert-butyl ether	5.00	4.79	96	1	30	69-120	
Methylene Chloride	5.00	5.29	106	2	30	80-120	
Styrene	5.00	5.10	102	1	30	80-120	
Tetrachloroethene	5.00	4.72	94	1	30	80-120	
Toluene	5.00	5.04	101	2	30	80-120	
trans-1,2-Dichloroethene	5.00	5.14	103	1	30	80-122	
trans-1,3-Dichloropropene	5.00	5.08	102	1	30	76-123	
Trichloroethene	5.00	5.30	106	2	30	80-120	
Vinyl chloride	5.00	4.52	90	0	30	60-125	
Xylenes, Total	15.0	15.1	101	2	30	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.: 410-254861-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: GD05X05.D

Lab ID: LCSD 410-739507/6

Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1,2-Tetrachloroethane	5.00	4.54	91	2	30	80-122	
1,1,1-Trichloroethane	5.00	4.52	90	1	30	78-126	
1,1,2,2-Tetrachloroethane	5.00	4.88	98	2	30	75-130	
1,1,2-Trichloroethane	5.00	4.67	93	0	30	80-120	
1,1-Dichloroethane	5.00	4.70	94	0	30	80-128	
1,1-Dichloroethene	5.00	4.99	100	0	30	80-131	
1,2-Dibromoethane (EDB)	5.00	4.60	92	0	30	80-120	
1,2-Dichloroethane	5.00	4.65	93	1	30	79-128	
1,2-Dichloropropane	5.00	4.52	90	1	30	80-129	
2-Butanone (MEK)	62.5	59.9	96	2	30	67-141	
2-Hexanone	62.5	60.4	97	1	30	62-151	
4-Methyl-2-pentanone (MIBK)	62.5	60.3	96	2	30	63-140	
Acetone	62.5	53.5	86	1	30	60-146	
Benzene	5.00	4.57	91	0	30	80-120	
Bromochloromethane	5.00	4.54	91	1	30	80-133	
Bromodichloromethane	5.00	4.53	91	0	30	80-123	
Bromoform	5.00	4.42	88	1	30	67-134	
Bromomethane	5.00	4.13	83	1	30	63-126	
Carbon disulfide	5.00	4.61	92	0	30	67-130	
Carbon tetrachloride	5.00	4.55	91	1	30	77-132	
Chlorobenzene	5.00	4.64	93	0	30	80-120	
Chloroethane	5.00	4.27	85	1	30	63-132	
Chloroform	5.00	4.59	92	1	30	80-120	
Chloromethane	5.00	3.59	72	3	30	56-131	
cis-1,2-Dichloroethene	5.00	4.82	96	1	30	80-122	
cis-1,3-Dichloropropene	5.00	4.38	88	0	30	75-121	
Dibromochloromethane	5.00	4.40	88	0	30	80-123	
Ethylbenzene	5.00	4.67	93	1	30	80-120	
Methyl tert-butyl ether	5.00	4.25	85	0	30	69-120	
Methylene Chloride	5.00	4.62	92	0	30	80-120	
Styrene	5.00	4.68	94	0	30	80-120	
Tetrachloroethene	5.00	4.31	86	1	30	80-120	
Toluene	5.00	4.56	91	1	30	80-120	
trans-1,2-Dichloroethene	5.00	4.63	93	0	30	80-122	
trans-1,3-Dichloropropene	5.00	4.58	92	0	30	76-123	
Trichloroethene	5.00	4.74	95	1	30	80-120	
Vinyl chloride	5.00	3.90	78	2	30	60-125	
Xylenes, Total	15.0	13.9	92	0	30	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: HD03X61.D

Lab ID: 410-254861-6 MS

Client ID: HD-COD-SW-15-0/1-0 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	5.00	ND	5.41	108	80-122	
1,1,1-Trichloroethane	5.00	0.34 J	6.08	115	78-126	
1,1,2,2-Tetrachloroethane	5.00	ND	5.39	108	75-123	
1,1,2-Trichloroethane	5.00	ND	5.58	112	80-120	
1,1-Dichloroethane	5.00	0.11 J	6.23	122	74-120	FH
1,1-Dichloroethene	5.00	0.21 J	6.64	128	80-131	
1,2-Dibromoethane (EDB)	5.00	ND	5.57	111	80-120	
1,2-Dichloroethane	5.00	ND	5.52	110	69-122	
1,2-Dichloropropane	5.00	ND	5.97	119	80-120	
2-Butanone (MEK)	62.6	ND	67.4	108	59-141	
2-Hexanone	62.6	ND	79.8	128	52-140	
4-Methyl-2-pentanone (MIBK)	62.6	ND	74.9	120	55-140	
Acetone	62.6	ND	61.2	98	60-146	
Benzene	5.00	ND	5.67	113	80-120	
Bromochloromethane	5.00	ND	5.73	115	80-133	
Bromodichloromethane	5.00	ND	5.52	110	80-123	
Bromoform	5.00	ND	4.87	97	75-126	
Bromomethane	5.00	ND	5.44	109	63-120	
Carbon disulfide	5.00	ND	6.11	122	67-130	
Carbon tetrachloride	5.00	ND	6.00	120	64-141	
Chlorobenzene	5.00	ND	5.61	112	80-120	
Chloroethane	5.00	ND	5.88	118	63-120	
Chloroform	5.00	0.19 J	5.86	113	80-120	
Chloromethane	5.00	ND	5.73	114	80-120	
cis-1,2-Dichloroethene	5.00	1.4	7.40	119	80-122	
cis-1,3-Dichloropropene	5.00	ND	5.36	107	67-121	
Dibromochloromethane	5.00	ND	5.22	104	80-123	
Ethylbenzene	5.00	ND	5.65	113	80-120	
Methyl tert-butyl ether	5.00	ND	5.14	103	69-120	
Methylene Chloride	5.00	ND	5.95	119	80-120	
Styrene	5.00	ND	5.41	108	80-120	
Tetrachloroethene	5.00	4.8	10.2	109	80-120	
Toluene	5.00	ND	5.62	112	80-120	
trans-1,2-Dichloroethene	5.00	ND	6.03	120	80-122	
trans-1,3-Dichloropropene	5.00	ND	5.56	111	61-129	
Trichloroethene	5.00	1.4	7.14	114	80-120	
Vinyl chloride	5.00	ND	5.68	113	60-125	
Xylenes, Total	15.0	ND	16.5	110	80-120	

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.: 410-254861-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: HD03X62.D

Lab ID: 410-254861-6 MSD

Client ID: HD-COD-SW-15-0/1-0 MSD MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1,2-Tetrachloroethane	5.00	5.46	109	1	30	80-122	
1,1,1-Trichloroethane	5.00	6.12	115	1	30	78-126	
1,1,2,2-Tetrachloroethane	5.00	5.48	110	2	30	75-123	
1,1,2-Trichloroethane	5.00	5.53	110	1	30	80-120	
1,1-Dichloroethane	5.00	6.37	125	2	30	74-120	FH
1,1-Dichloroethene	5.00	6.69	130	1	30	80-131	
1,2-Dibromoethane (EDB)	5.00	5.54	111	0	30	80-120	
1,2-Dichloroethane	5.00	5.75	115	4	30	69-122	
1,2-Dichloropropane	5.00	6.02	120	1	30	80-120	
2-Butanone (MEK)	62.6	69.4	111	3	30	59-141	
2-Hexanone	62.6	74.2	119	7	30	52-140	
4-Methyl-2-pentanone (MIBK)	62.6	69.7	111	7	30	55-140	
Acetone	62.6	58.3	93	5	30	60-146	
Benzene	5.00	5.77	115	2	30	80-120	
Bromochloromethane	5.00	5.76	115	0	30	80-133	
Bromodichloromethane	5.00	5.63	113	2	30	80-123	
Bromoform	5.00	4.95	99	2	30	75-126	
Bromomethane	5.00	4.93	98	10	30	63-120	
Carbon disulfide	5.00	6.20	124	2	30	67-130	
Carbon tetrachloride	5.00	6.08	121	1	30	64-141	
Chlorobenzene	5.00	5.61	112	0	30	80-120	
Chloroethane	5.00	5.29	106	11	30	63-120	
Chloroform	5.00	5.99	116	2	30	80-120	
Chloromethane	5.00	5.26	105	8	30	80-120	
cis-1,2-Dichloroethene	5.00	7.58	123	2	30	80-122	FH
cis-1,3-Dichloropropene	5.00	5.48	109	2	30	67-121	
Dibromochloromethane	5.00	5.19	104	1	30	80-123	
Ethylbenzene	5.00	5.64	113	0	30	80-120	
Methyl tert-butyl ether	5.00	5.29	106	3	30	69-120	
Methylene Chloride	5.00	6.02	120	1	30	80-120	
Styrene	5.00	5.45	109	1	30	80-120	
Tetrachloroethene	5.00	10.3	110	0	30	80-120	
Toluene	5.00	5.57	111	1	30	80-120	
trans-1,2-Dichloroethene	5.00	6.08	121	1	30	80-122	
trans-1,3-Dichloropropene	5.00	5.59	112	1	30	61-129	
Trichloroethene	5.00	7.17	115	0	30	80-120	
Vinyl chloride	5.00	5.02	100	12	30	60-125	
Xylenes, Total	15.0	16.5	110	0	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab File ID: HD03X55.D

Lab Sample ID: MB 410-738637/6

Matrix: Water

Heated Purge: (Y/N) N

Instrument ID: 19094

Date Analyzed: 12/03/2025 23:18

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 410-738637/4	HD03X53.D	12/03/2025 22:36
HD-COD-SW-15-0/1-0	410-254861-6	HD03X60.D	12/04/2025 01:04
HD-COD-SW-15-0/1-0 MS MS	410-254861-6 MS	HD03X61.D	12/04/2025 01:24
HD-COD-SW-15-0/1-0 MSD MSD	410-254861-6 MSD	HD03X62.D	12/04/2025 01:45
HD-COD-SW-6-0/1-0	410-254861-1	HD03X63.D	12/04/2025 02:06
HD-COD-SW-7-0/1-0	410-254861-2	HD03X64.D	12/04/2025 02:26
HD-COD-SW-8-0/1-0	410-254861-3	HD03X65.D	12/04/2025 02:47
HD-COD-SW-9-0/1-0	410-254861-4	HD03X66.D	12/04/2025 03:08
HD-COD-SW-13-0/1-0	410-254861-5	HD03X67.D	12/04/2025 03:29

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab File ID: GD03X06.D

Lab Sample ID: MB 410-738640/7

Matrix: Water

Heated Purge: (Y/N) N

Instrument ID: 16334

Date Analyzed: 12/03/2025 23:42

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 410-738640/4	GD03X03.D	12/03/2025 22:36
	LCSD 410-738640/5	GD03X04.D	12/03/2025 22:58
HD0QC1-0/1-2	410-254861-14	GD03X07.D	12/04/2025 00:04
HD-COD-SW-16-0/1-0	410-254861-7	GD03X15.D	12/04/2025 03:01
HD-COD-SW-17-0/1-0	410-254861-8	GD03X16.D	12/04/2025 03:23
HD-COD-SW-29-0/1-0	410-254861-12	GD03X20.D	12/04/2025 04:51
HD0QC1-0/1-1	410-254861-13	GD03X21.D	12/04/2025 05:13

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Lab File ID: ID04X09.D Lab Sample ID: MB 410-738847/10

Matrix: Water Heated Purge: (Y/N) N

Instrument ID: 19930 Date Analyzed: 12/04/2025 12:10

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 410-738847/6	ID04X05.D	12/04/2025 10:46
HD-COD-SW-26-0/1-0	410-254861-9	ID04X17.D	12/04/2025 14:58
HD-COD-SW-27-0/1-0	410-254861-10	ID04X18.D	12/04/2025 15:19
HD-COD-SW-28-0/1-0	410-254861-11	ID04X19.D	12/04/2025 15:40
HD-COD-SW-17-0/1-0 DL	410-254861-8 DL	ID04X21.D	12/04/2025 16:22

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab File ID: GD05X09.D

Lab Sample ID: MB 410-739507/10

Matrix: Water

Heated Purge: (Y/N) N

Instrument ID: 16334

Date Analyzed: 12/05/2025 12:39

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 410-739507/5	GD05X04.D	12/05/2025 10:48
	LCSD 410-739507/6	GD05X05.D	12/05/2025 11:11
HD0QC1-0/1-1 DL	410-254861-13 DL	GD05X26.D	12/05/2025 18:56

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

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab File ID: GN24T03.D

BFB Injection Date: 11/24/2025

Instrument ID: 16334

BFB Injection Time: 21:01

Analysis Batch No.: 734923

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.1
75	30.0 - 60.0 % of mass 95	44.9
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	94.0
175	5.0 - 9.0 % of mass 174	7.0 (7.5) 1
176	95.0 - 101.0 % of mass 174	91.1 (96.9) 1
177	5.0 - 9.0 % of mass 176	5.9 (6.5) 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 410-734923/3	GN24X02.D	11/24/2025	21:43
	IC 410-734923/4	GN24X03.D	11/24/2025	22:05
	IC 410-734923/5	GN24X04.D	11/24/2025	22:27
	IC 410-734923/6	GN24X05.D	11/24/2025	22:50
	IC 410-734923/7	GN24X06.D	11/24/2025	23:12
	IC 410-734923/8	GN24X07.D	11/24/2025	23:34
	IC 410-734923/9	GN24X08.D	11/24/2025	23:56
	IC 410-734923/13	GN24X12.D	11/25/2025	1:24
	IC 410-734923/14	GN24X13.D	11/25/2025	1:46
	IC 410-734923/15	GN24X14.D	11/25/2025	2:08
	IC 410-734923/16	GN24X15.D	11/25/2025	2:31
	IC 410-734923/17	GN24X16.D	11/25/2025	2:53
	IC 410-734923/18	GN24X17.D	11/25/2025	3:15
	IC 410-734923/19	GN24X18.D	11/25/2025	3:37
	ICIS 410-734923/20	GN24X19.D	11/25/2025	3:59
	IC 410-734923/21	GN24X20.D	11/25/2025	4:21
	ICV 410-734923/23	GN24X22.D	11/25/2025	5:05

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

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab File ID: GD03T01.D

BFB Injection Date: 12/03/2025

Instrument ID: 16334

BFB Injection Time: 21:26

Analysis Batch No.: 738640

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.2
75	30.0 - 60.0 % of mass 95	45.2
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	0.0 (0.0) 1
174	Greater than 50% of mass 95	85.6
175	5.0 - 9.0 % of mass 174	6.6 (7.7) 1
176	95.0 - 101.0 % of mass 174	83.8 (97.9) 1
177	5.0 - 9.0 % of mass 176	5.5 (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 410-738640/3	GD03X02.D	12/03/2025	22:14
	LCS 410-738640/4	GD03X03.D	12/03/2025	22:36
	LCSD 410-738640/5	GD03X04.D	12/03/2025	22:58
	MB 410-738640/7	GD03X06.D	12/03/2025	23:42
HD0QC1-0/1-2	410-254861-14	GD03X07.D	12/04/2025	0:04
HD-COD-SW-16-0/1-0	410-254861-7	GD03X15.D	12/04/2025	3:01
HD-COD-SW-17-0/1-0	410-254861-8	GD03X16.D	12/04/2025	3:23
HD-COD-SW-29-0/1-0	410-254861-12	GD03X20.D	12/04/2025	4:51
HD0QC1-0/1-1	410-254861-13	GD03X21.D	12/04/2025	5:13

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

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Lab File ID: GD05T01.D BFB Injection Date: 12/05/2025

Instrument ID: 16334 BFB Injection Time: 09:27

Analysis Batch No.: 739507

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.1
75	30.0 - 60.0 % of mass 95	45.6
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	85.7
175	5.0 - 9.0 % of mass 174	6.5 (7.5) 1
176	95.0 - 101.0 % of mass 174	83.3 (97.2) 1
177	5.0 - 9.0 % of mass 176	5.5 (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 410-739507/3	GD05X02.D	12/05/2025	10:04
	LCS 410-739507/5	GD05X04.D	12/05/2025	10:48
	LCSD 410-739507/6	GD05X05.D	12/05/2025	11:11
	MB 410-739507/10	GD05X09.D	12/05/2025	12:39
HD0QC1-0/1-1 DL	410-254861-13 DL	GD05X26.D	12/05/2025	18:56

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

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab File ID: HC27T01.D

BFB Injection Date: 10/27/2025

Instrument ID: 19094

BFB Injection Time: 13:47

Analysis Batch No.: 720279

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.3
75	30.0 - 60.0 % of mass 95	49.1
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	0.8 (1.0) 1
174	Greater than 50% of mass 95	80.3
175	5.0 - 9.0 % of mass 174	5.9 (7.3) 1
176	95.0 - 101.0 % of mass 174	78.1 (97.3) 1
177	5.0 - 9.0 % of mass 176	5.1 (6.5) 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 410-720279/3	HC27X02.D	10/27/2025	14:37
	IC 410-720279/4	HC27X03.D	10/27/2025	14:57
	IC 410-720279/5	HC27X04.D	10/27/2025	15:18
	IC 410-720279/6	HC27X05.D	10/27/2025	15:38
	IC 410-720279/7	HC27X06.D	10/27/2025	15:59
	IC 410-720279/8	HC27X07.D	10/27/2025	16:20
	IC 410-720279/9	HC27X08.D	10/27/2025	16:40
	IC 410-720279/13	HC27X12.D	10/27/2025	18:03
	IC 410-720279/14	HC27X13.D	10/27/2025	18:24
	IC 410-720279/15	HC27X14.D	10/27/2025	18:44
	IC 410-720279/16	HC27X15.D	10/27/2025	19:05
	IC 410-720279/17	HC27X16.D	10/27/2025	19:25
	IC 410-720279/18	HC27X17.D	10/27/2025	19:47
	IC 410-720279/19	HC27X18.D	10/27/2025	20:07
	ICIS 410-720279/20	copy_HC27X19.D	10/27/2025	20:28
	IC 410-720279/21	HC27X20.D	10/27/2025	20:50
	ICV 410-720279/23	HC27X22.D	10/27/2025	21:31

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

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab File ID: HD03T51.D

BFB Injection Date: 12/03/2025

Instrument ID: 19094

BFB Injection Time: 21:40

Analysis Batch No.: 738637

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.3
75	30.0 - 60.0 % of mass 95	48.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.4
173	Less than 2.0 % of mass 174	0.7 (0.9) 1
174	Greater than 50% of mass 95	85.7
175	5.0 - 9.0 % of mass 174	6.3 (7.3) 1
176	95.0 - 101.0 % of mass 174	83.1 (96.9) 1
177	5.0 - 9.0 % of mass 176	5.6 (6.8) 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 410-738637/3	HD03X52.D	12/03/2025	22:16
	LCS 410-738637/4	HD03X53.D	12/03/2025	22:36
	MB 410-738637/6	HD03X55.D	12/03/2025	23:18
HD-COD-SW-15-0/1-0	410-254861-6	HD03X60.D	12/04/2025	1:04
HD-COD-SW-15-0/1-0 MS MS	410-254861-6 MS	HD03X61.D	12/04/2025	1:24
HD-COD-SW-15-0/1-0 MSD MSD	410-254861-6 MSD	HD03X62.D	12/04/2025	1:45
HD-COD-SW-6-0/1-0	410-254861-1	HD03X63.D	12/04/2025	2:06
HD-COD-SW-7-0/1-0	410-254861-2	HD03X64.D	12/04/2025	2:26
HD-COD-SW-8-0/1-0	410-254861-3	HD03X65.D	12/04/2025	2:47
HD-COD-SW-9-0/1-0	410-254861-4	HD03X66.D	12/04/2025	3:08
HD-COD-SW-13-0/1-0	410-254861-5	HD03X67.D	12/04/2025	3:29

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

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Lab File ID: IG18T01.D BFB Injection Date: 08/18/2025

Instrument ID: 19930 BFB Injection Time: 15:55

Analysis Batch No.: 686919

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	16.1
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	6.8
173	Less than 2.0 % of mass 174	1.1 (1.1) 1
174	Greater than 50% of mass 95	104.7
175	5.0 - 9.0 % of mass 174	7.7 (7.4) 1
176	95.0 - 101.0 % of mass 174	100.8 (96.3) 1
177	5.0 - 9.0 % of mass 176	6.6 (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 410-686919/13	IG18X12.D	08/18/2025	19:53
	IC 410-686919/27	IG18X13.D	08/18/2025	20:14
	IC 410-686919/14	IG18X14.D	08/18/2025	20:34
	IC 410-686919/15	IG18X15.D	08/18/2025	20:54
	IC 410-686919/16	IG18X16.D	08/18/2025	21:15
	IC 410-686919/17	IG18X17.D	08/18/2025	21:35
	IC 410-686919/18	IG18X18.D	08/18/2025	21:55
	ICIS 410-686919/19	IG18X19.D	08/18/2025	22:16
	IC 410-686919/20	IG18X20.D	08/18/2025	22:36
	ICV 410-686919/22	IG18X22.D	08/18/2025	23:17

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

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Lab File ID: ID04T01.D BFB Injection Date: 12/04/2025

Instrument ID: 19930 BFB Injection Time: 09:07

Analysis Batch No.: 738847

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	46.4
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	0.7 (0.8) 1
174	Greater than 50% of mass 95	96.9
175	5.0 - 9.0 % of mass 174	7.1 (7.4) 1
176	95.0 - 101.0 % of mass 174	93.7 (96.7) 1
177	5.0 - 9.0 % of mass 176	6.1 (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 410-738847/3	ID04X02.D	12/04/2025	9:43
	LCS 410-738847/6	ID04X05.D	12/04/2025	10:46
	MB 410-738847/10	ID04X09.D	12/04/2025	12:10
HD-COD-SW-26-0/1-0	410-254861-9	ID04X17.D	12/04/2025	14:58
HD-COD-SW-27-0/1-0	410-254861-10	ID04X18.D	12/04/2025	15:19
HD-COD-SW-28-0/1-0	410-254861-11	ID04X19.D	12/04/2025	15:40
HD-COD-SW-17-0/1-0 DL	410-254861-8 DL	ID04X21.D	12/04/2025	16:22

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
 Environment Testing, LLC

SDG No.:

Sample No.: ICIS 410-734923/20 Date Analyzed: 11/25/2025 03:59

Instrument ID: 16334 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): GN24X19.D Heated Purge: (Y/N) N

Calibration ID: 79047

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		74044	4.21	1937525	7.70	1489962	11.18
UPPER LIMIT		148088	4.71	3875050	8.20	2979924	11.68
LOWER LIMIT		37022	3.71	968763	7.20	744981	10.68
LAB SAMPLE ID		CLIENT SAMPLE ID					
ICV 410-734923/23		65110	4.20	1964728	7.70	1492617	11.17
CCVIS 410-739507/3		54163	4.22	1617714	7.71	1222001	11.17

TBAd10 = t-Butyl alcohol-d10 (IS)

FB = Fluorobenzene (IS)

CBZd5 = Chlorobenzene-d5 (IS)

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.: 410-254861-1
Environment Testing, LLC
SDG No.:
Sample No.: ICIS 410-734923/20 Date Analyzed: 11/25/2025 03:59
Instrument ID: 16334 GC Column: R-624SilMS 30m ID: 0.25 (mm)
Lab File ID (Standard): GN24X19.D Heated Purge: (Y/N) N
Calibration ID: 79047

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		797917	13.05				
UPPER LIMIT		1595834	13.55				
LOWER LIMIT		398959	12.55				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-734923/23		804597	13.05				
CCVIS 410-739507/3		646603	13.05				

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.: 410-254861-1
 Environment Testing, LLC

SDG No.:

Sample No.: CCVIS 410-738640/3 Date Analyzed: 12/03/2025 22:14

Instrument ID: 16334 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): GD03X02.D Heated Purge: (Y/N) N

Calibration ID: 79047

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		59511	4.19	1604453	7.70	1218606	11.17
UPPER LIMIT		119022	4.69	3208906	8.20	2437212	11.67
LOWER LIMIT		29756	3.69	802227	7.20	609303	10.67
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-738640/4		55811	4.21	1605613	7.71	1216482	11.17
LCSD 410-738640/5		56591	4.22	1599905	7.71	1209093	11.17
MB 410-738640/7		55448	4.21	1619569	7.71	1212899	11.17
410-254861-14	HD0QC1-0/1-2	53161	4.21	1590872	7.70	1191836	11.17
410-254861-7	HD-COD-SW-16-0/1-0	51535	4.23	1596328	7.70	1197139	11.17
410-254861-8	HD-COD-SW-17-0/1-0	56300	4.23	1591921	7.71	1178167	11.17
410-254861-12	HD-COD-SW-29-0/1-0	49905	4.22	1605051	7.71	1205348	11.17
410-254861-13	HD0QC1-0/1-1	57449	4.22	1604950	7.71	1193823	11.17

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.: 410-254861-1
 Environment Testing, LLC

SDG No.:

Sample No.: CCVIS 410-738640/3 Date Analyzed: 12/03/2025 22:14

Instrument ID: 16334 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): GD03X02.D Heated Purge: (Y/N) N

Calibration ID: 79047

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		647138	13.05				
UPPER LIMIT		1294276	13.55				
LOWER LIMIT		323569	12.55				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-738640/4		650336	13.05				
LCSD 410-738640/5		647050	13.05				
MB 410-738640/7		663032	13.05				
410-254861-14	HD0QC1-0/1-2	649133	13.05				
410-254861-7	HD-COD-SW-16-0/1-0	649704	13.05				
410-254861-8	HD-COD-SW-17-0/1-0	646684	13.05				
410-254861-12	HD-COD-SW-29-0/1-0	654225	13.05				
410-254861-13	HD0QC1-0/1-1	655264	13.05				

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.: 410-254861-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: CCVIS 410-739507/3 Date Analyzed: 12/05/2025 10:04

Instrument ID: 16334 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): GD05X02.D Heated Purge: (Y/N) N

Calibration ID: 79047

	TBAd10		FB		CBZd5	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	54163	4.22	1617714	7.71	1222001	11.17
UPPER LIMIT	108326	4.72	3235428	8.21	2444002	11.67
LOWER LIMIT	27082	3.72	808857	7.21	611001	10.67
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 410-739507/5		55993	4.23	1633058	7.71	1234502
LCSD 410-739507/6		56736	4.22	1628426	7.70	1231166
MB 410-739507/10		59158	4.21	1643244	7.70	1229247
410-254861-13 DL	HD0QC1-0/1-1 DL	48171	4.21	1621450	7.71	1210964

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.: 410-254861-1

Sample No.: CCVIS 410-739507/3

Date Analyzed: 12/05/2025 10:04

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

Heated Purge: (Y/N) N

Calibration ID: 79047

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		646603	13.05				
UPPER LIMIT		1293206	13.55				
LOWER LIMIT		323302	12.55				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-739507/5		664071	13.05				
LCSD 410-739507/6		654950	13.05				
MB 410-739507/10		668678	13.05				
410-254861-13 DL	HD0QC1-0/1-1 DL	656473	13.05				

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.: 410-254861-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: ICIS 410-720279/20 Date Analyzed: 10/27/2025 20:28

Instrument ID: 19094 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): copy_HC27X19.D Heated Purge: (Y/N) N

Calibration ID: 77994

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		76229	3.83	2057767	7.32	1445514	10.93
UPPER LIMIT		152458	4.33	4115534	7.82	2891028	11.43
LOWER LIMIT		38115	3.33	1028884	6.82	722757	10.43
LAB SAMPLE ID		CLIENT SAMPLE ID					
ICV 410-720279/23		72834	3.84	1977499	7.32	1404248	10.93
CCVIS 410-738637/3		75960	3.82	2056109	7.32	1450081	10.92

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.: 410-254861-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: ICIS 410-720279/20 Date Analyzed: 10/27/2025 20:28

Instrument ID: 19094 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): copy_HC27X19.D Heated Purge: (Y/N) N

Calibration ID: 77994

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		813781	12.84				
UPPER LIMIT		1627562	13.34				
LOWER LIMIT		406891	12.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-720279/23		789793	12.84				
CCVIS 410-738637/3		807128	12.84				

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.: 410-254861-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: CCVIS 410-738637/3 Date Analyzed: 12/03/2025 22:16

Instrument ID: 19094 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): HD03X52.D Heated Purge: (Y/N) N

Calibration ID: 77994

		TBA _d 10		FB		CBZ _d 5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		75960	3.82	2056109	7.32	1450081	10.92
UPPER LIMIT		151920	4.32	4112218	7.82	2900162	11.42
LOWER LIMIT		37980	3.32	1028055	6.82	725041	10.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-738637/4		73649	3.81	2036621	7.32	1434656	10.92
MB 410-738637/6		68156	3.80	1896983	7.31	1359335	10.92
410-254861-6	HD-COD-SW-15-0/1-0	64907	3.82	1913075	7.32	1360458	10.92
410-254861-6 MS	HD-COD-SW-15-0/1-0 MS MS	60306	3.81	1998810	7.32	1414921	10.92
410-254861-6 MSD	HD-COD-SW-15-0/1-0 MSD MSD	66272	3.80	1964397	7.32	1408116	10.92
410-254861-1	HD-COD-SW-6-0/1-0	58535	3.81	1915316	7.32	1355522	10.92
410-254861-2	HD-COD-SW-7-0/1-0	60490	3.80	1903015	7.32	1357146	10.92
410-254861-3	HD-COD-SW-8-0/1-0	63163	3.82	1889381	7.32	1350100	10.92
410-254861-4	HD-COD-SW-9-0/1-0	73988	3.83	1907318	7.32	1347071	10.92
410-254861-5	HD-COD-SW-13-0/1-0	58172	3.83	1878155	7.32	1319277	10.92

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.: 410-254861-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: CCVIS 410-738637/3 Date Analyzed: 12/03/2025 22:16

Instrument ID: 19094 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): HD03X52.D Heated Purge: (Y/N) N

Calibration ID: 77994

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		807128	12.84				
UPPER LIMIT		1614256	13.34				
LOWER LIMIT		403564	12.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-738637/4		793705	12.84				
MB 410-738637/6		713536	12.84				
410-254861-6	HD-COD-SW-15-0/1-0	713403	12.84				
410-254861-6 MS	HD-COD-SW-15-0/1-0 MS MS	771244	12.84				
410-254861-6 MSD	HD-COD-SW-15-0/1-0 MSD MSD	776565	12.84				
410-254861-1	HD-COD-SW-6-0/1-0	728070	12.84				
410-254861-2	HD-COD-SW-7-0/1-0	707188	12.84				
410-254861-3	HD-COD-SW-8-0/1-0	711802	12.84				
410-254861-4	HD-COD-SW-9-0/1-0	722240	12.84				
410-254861-5	HD-COD-SW-13-0/1-0	703344	12.84				

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.: 410-254861-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: ICIS 410-686919/19 Date Analyzed: 08/18/2025 22:16

Instrument ID: 19930 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): IG18X19.D Heated Purge: (Y/N) N

Calibration ID: 75997

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		123412	3.76	1473759	7.25	1212540	10.84
UPPER LIMIT		246824	4.26	2947518	7.75	2425080	11.34
LOWER LIMIT		61706	3.26	736880	6.75	606270	10.34
LAB SAMPLE ID		CLIENT SAMPLE ID					
ICV 410-686919/22		148082	3.81	1698704	7.26	1398600	10.84
CCVIS 410-738847/3		193689	3.79	2102911	7.26	1649258	10.83

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.: 410-254861-1
Environment Testing, LLC
SDG No.:
Sample No.: ICIS 410-686919/19 Date Analyzed: 08/18/2025 22:16
Instrument ID: 19930 GC Column: R-624SilMS 30m ID: 0.25 (mm)
Lab File ID (Standard): IG18X19.D Heated Purge: (Y/N) N
Calibration ID: 75997

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		730903	12.75				
UPPER LIMIT		1461806	13.25				
LOWER LIMIT		365452	12.25				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-686919/22		873442	12.75				
CCVIS 410-738847/3		921870	12.73				

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.: 410-254861-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: CCVIS 410-738847/3 Date Analyzed: 12/04/2025 09:43

Instrument ID: 19930 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): ID04X02.D Heated Purge: (Y/N) N

Calibration ID: 76000

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		193689	3.79	2102911	7.26	1649258	10.83
UPPER LIMIT		387378	4.29	4205822	7.76	3298516	11.33
LOWER LIMIT		96845	3.29	1051456	6.76	824629	10.33
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-738847/6		164107	3.78	1979845	7.26	1535764	10.83
MB 410-738847/10		152820	3.78	1909946	7.26	1521129	10.83
410-254861-9	HD-COD-SW-26-0/1-0	103117	3.81	1831210	7.26	1468732	10.83
410-254861-10	HD-COD-SW-27-0/1-0	119537	3.78	1627929	7.26	1317066	10.83
410-254861-11	HD-COD-SW-28-0/1-0	134316	3.79	1820144	7.26	1473112	10.83
410-254861-8 DL	HD-COD-SW-17-0/1-0 DL	144708	3.79	1806806	7.26	1461705	10.83

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.: 410-254861-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: CCVIS 410-738847/3 Date Analyzed: 12/04/2025 09:43

Instrument ID: 19930 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): ID04X02.D Heated Purge: (Y/N) N

Calibration ID: 76000

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		921870	12.73				
UPPER LIMIT		1843740	13.23				
LOWER LIMIT		460935	12.23				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-738847/6		896452	12.73				
MB 410-738847/10		882681	12.74				
410-254861-9	HD-COD-SW-26-0/1-0	845652	12.74				
410-254861-10	HD-COD-SW-27-0/1-0	750958	12.74				
410-254861-11	HD-COD-SW-28-0/1-0	844160	12.74				
410-254861-8 DL	HD-COD-SW-17-0/1-0 DL	838071	12.74				

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 I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID: HD-COD-SW-6-0/1-0

Lab Sample ID: 410-254861-1

Matrix: Water

Lab File ID: HD03X63.D

Analysis Method: 8260D

Date Collected: 11/24/2025 10:50

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 02:06

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738637

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.070
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	ND		0.50	0.10
75-35-4	1,1-Dichloroethene	ND		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	ND		0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	ND		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	ND		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-6-0/1-0 Lab Sample ID: 410-254861-1

Matrix: Water Lab File ID: HD03X63.D

Analysis Method: 8260D Date Collected: 11/24/2025 10:50

Sample wt/vol: 25 (mL) Date Analyzed: 12/04/2025 02:06

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738637 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	ND		0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		80-120
460-00-4	4-Bromofluorobenzene (Surr)	98		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X63.D
 Lims ID: 410-254861-A-1
 Client ID: HD-COD-SW-6-0/1-0
 Sample Type: Client
 Inject. Date: 04-Dec-2025 02:06:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168773-014
 Operator ID: ncc117024 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 07:08:59 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 08:10:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	2.001	2.008	-0.007	91	2754	0.0319	
7 Vinyl chloride	62		2.111				ND	
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.465				ND	
17 1,1-Dichloroethene	96		3.227				ND	
19 Acetone	43		3.257				ND	
23 Carbon disulfide	76		3.507				ND	7
* 28 t-Butyl alcohol-d10 (IS)	65	3.812	3.818	-0.006	29	58535	50.0	
27 Methylene Chloride	84		3.818				ND	
31 Methyl tert-butyl ether	73		4.184				ND	
33 trans-1,2-Dichloroethene	96		4.208				ND	
35 1,1-Dichloroethane	63		4.848				ND	
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96		5.702				ND	
47 Chlorobromomethane	128		6.037				ND	
50 Chloroform	83	6.202	6.190	0.012	77	2592	0.0278	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.409	0.000	93	430860	9.83	
52 1,1,1-Trichloroethane	97		6.421				ND	
56 Carbon tetrachloride	117		6.641				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.866	6.872	-0.006	75	80109	9.90	
59 Benzene	78		6.903				ND	7
60 1,2-Dichloroethane	62		6.982				ND	
* 64 Fluorobenzene (IS)	96	7.317	7.318	-0.001	98	1915316	10.0	
67 Trichloroethene	95		7.811				ND	
70 1,2-Dichloropropane	63		8.147				ND	
76 Dichlorobromomethane	83		8.500				ND	
80 cis-1,3-Dichloropropene	75		9.067				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.250				ND	7
\$ 82 Toluene-d8 (Surr)	98	9.396	9.396	0.000	94	1913689	10.0	
84 Toluene	92	9.482	9.482	0.000	94	6281	0.0440	
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.969				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166		10.061				ND	7
109 2-Hexanone	43		10.195				ND	
111 Chlorodibromomethane	129		10.360				ND	
112 Ethylene Dibromide	107		10.475				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.920	0.000	87	1355522	10.0	
115 Chlorobenzene	112		10.951				ND	7
116 1,1,1,2-Tetrachloroethane	131		11.036				ND	
117 Ethylbenzene	91		11.042				ND	7
118 m-Xylene & p-Xylene	106		11.158				ND	7
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.494				ND	7
121 Styrene	104		11.512				ND	7
122 Bromoform	173		11.670				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.945	0.006	89	673631	9.80	
127 1,1,2,2-Tetrachloroethane	83		12.048				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.835	12.835	0.000	96	728070	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 05-Dec-2025 08:10:07

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X63.D

Injection Date: 04-Dec-2025 02:06:30

Instrument ID: 19094

Operator ID: ncc117024

Lims ID: 410-254861-A-1

Lab Sample ID: 410-254861-1

Worklist Smp#: 14

Client ID: HD-COD-SW-6-0/1-0

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

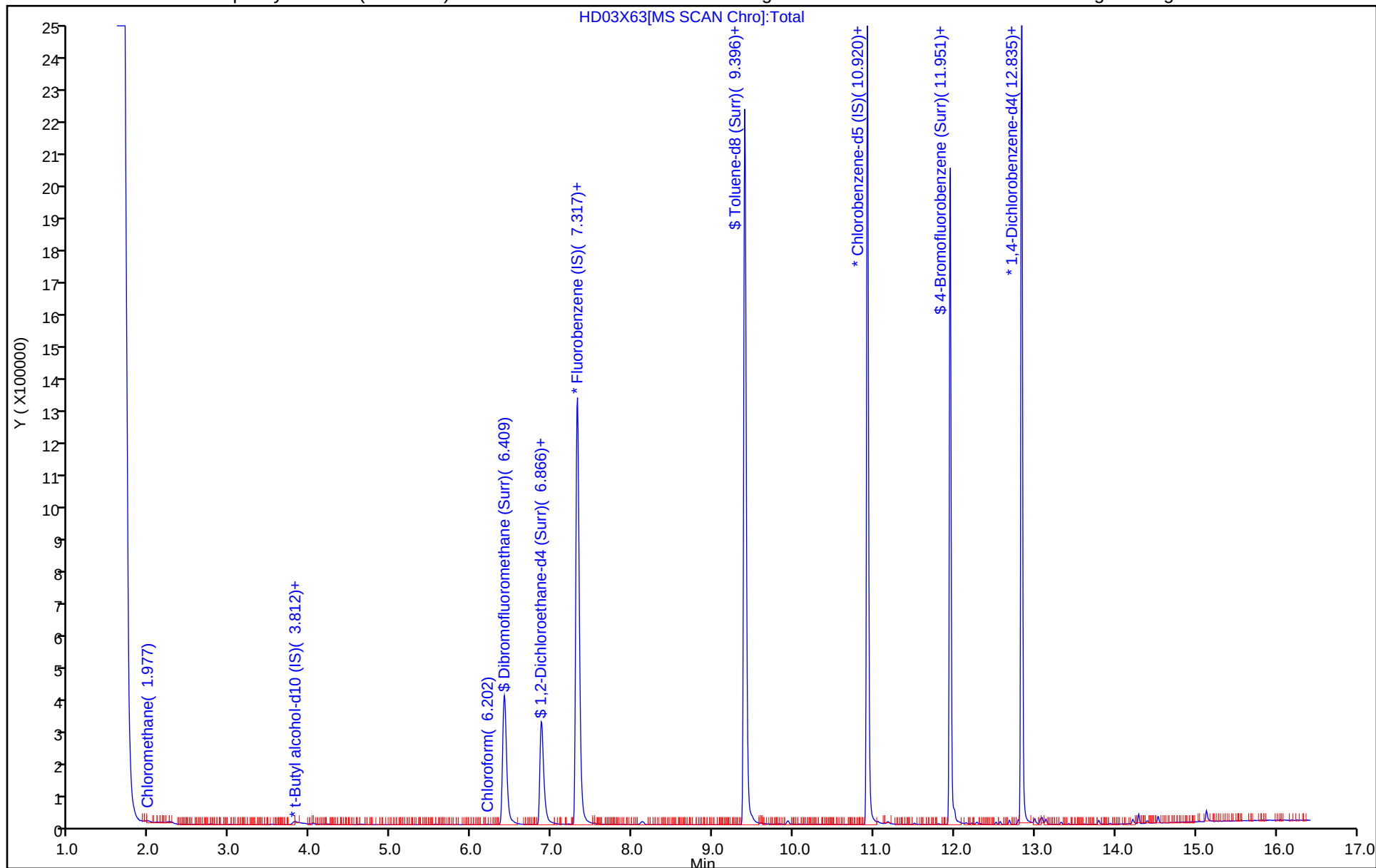
ALS Bottle#: 13

Method: MSV_19094_25mL

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\19094\20251203-168773.b\HD03X63.D
Lims ID: 410-254861-A-1
Client ID: HD-COD-SW-6-0/1-0
Sample Type: Client
Inject. Date: 04-Dec-2025 02:06:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168773-014
Operator ID: ncc117024 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 07:08:59 Calib Date: 27-Oct-2025 20:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 08:10:06

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	9.83	98.27
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	9.90	99.05
\$ 82 Toluene-d8 (Surr)	10.0	10.0	100.10
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.80	97.99

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID: HD-COD-SW-7-0/1-0

Lab Sample ID: 410-254861-2

Matrix: Water

Lab File ID: HD03X64.D

Analysis Method: 8260D

Date Collected: 11/24/2025 11:33

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 02:26

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738637

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.070
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	ND		0.50	0.10
75-35-4	1,1-Dichloroethene	ND		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	0.13	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	0.29	J	0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	ND		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-7-0/1-0 Lab Sample ID: 410-254861-2

Matrix: Water Lab File ID: HD03X64.D

Analysis Method: 8260D Date Collected: 11/24/2025 11:33

Sample wt/vol: 25 (mL) Date Analyzed: 12/04/2025 02:26

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738637 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	0.39	J	0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	99		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X64.D
 Lims ID: 410-254861-A-2
 Client ID: HD-COD-SW-7-0/1-0
 Sample Type: Client
 Inject. Date: 04-Dec-2025 02:26:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168773-015
 Operator ID: ncc117024 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 07:08:59 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 08:10:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	1.995	2.008	-0.013	96	4273	0.0498	
7 Vinyl chloride	62		2.111				ND	7
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.465				ND	
17 1,1-Dichloroethene	96		3.227				ND	
19 Acetone	43		3.257				ND	
23 Carbon disulfide	76	3.507	3.507	0.000	99	9315	0.0709	
* 28 t-Butyl alcohol-d10 (IS)	65	3.800	3.818	-0.018	31	60490	50.0	
27 Methylene Chloride	84		3.818				ND	
31 Methyl tert-butyl ether	73		4.184				ND	
33 trans-1,2-Dichloroethene	96		4.208				ND	
35 1,1-Dichloroethane	63		4.848				ND	
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.726	5.702	0.024	80	15686	0.2908	
47 Chlorobromomethane	128		6.037				ND	
50 Chloroform	83	6.202	6.190	0.012	91	12478	0.1349	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.409	0.000	93	430192	9.88	
52 1,1,1-Trichloroethane	97		6.421				ND	
56 Carbon tetrachloride	117		6.641				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	75	80315	10.0	
59 Benzene	78		6.903				ND	7
60 1,2-Dichloroethane	62		6.982				ND	
* 64 Fluorobenzene (IS)	96	7.317	7.318	-0.001	98	1903015	10.0	
67 Trichloroethene	95	7.817	7.811	0.006	97	22480	0.3875	
70 1,2-Dichloropropane	63		8.147				ND	
76 Dichlorobromomethane	83		8.500				ND	
80 cis-1,3-Dichloropropene	75		9.067				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.250				ND	
\$ 82 Toluene-d8 (Surr)	98	9.396	9.396	0.000	94	1915309	10.0	
84 Toluene	92	9.494	9.482	0.012	97	3925	0.0274	
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.969				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.073	10.061	0.012	94	5627	0.0870	
109 2-Hexanone	43		10.195				ND	7
111 Chlorodibromomethane	129		10.360				ND	
112 Ethylene Dibromide	107		10.475				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.920	0.000	87	1357146	10.0	
115 Chlorobenzene	112		10.951				ND	
116 1,1,1,2-Tetrachloroethane	131		11.036				ND	
117 Ethylbenzene	91		11.042				ND	7
118 m-Xylene & p-Xylene	106		11.158				ND	7
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.494				ND	7
121 Styrene	104		11.512				ND	
122 Bromoform	173		11.670				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.945	11.945	0.000	88	666661	9.69	
127 1,1,2,2-Tetrachloroethane	83		12.048				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.835	12.835	0.000	96	707188	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X64.D

Injection Date: 04-Dec-2025 02:26:30

Instrument ID: 19094

Operator ID: ncc117024

Lims ID: 410-254861-A-2

Lab Sample ID: 410-254861-2

Worklist Smp#: 15

Client ID: HD-COD-SW-7-0/1-0

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

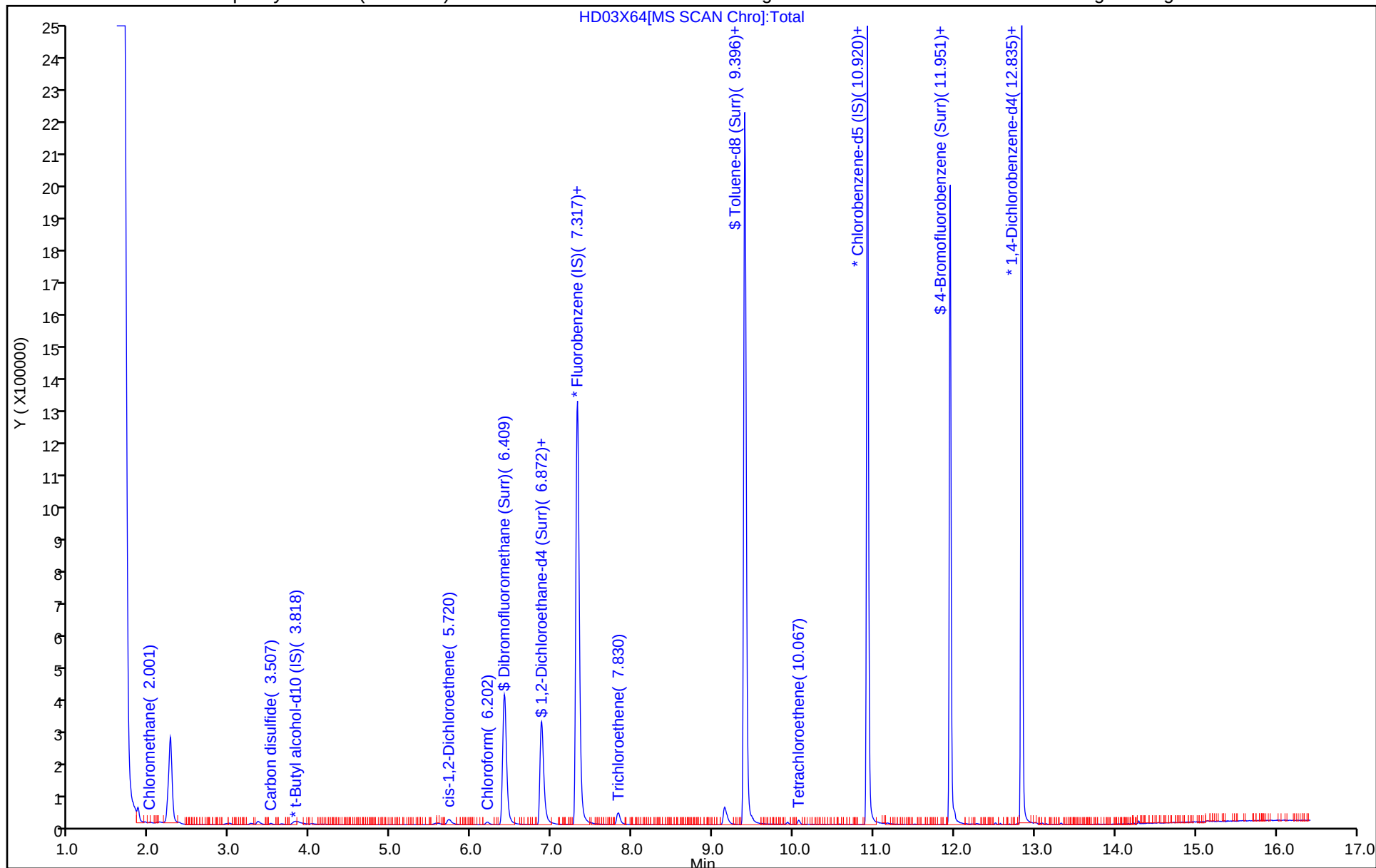
ALS Bottle#: 14

Method: MSV_19094_25mL

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\19094\20251203-168773.b\HD03X64.D
Lims ID: 410-254861-A-2
Client ID: HD-COD-SW-7-0/1-0
Sample Type: Client
Inject. Date: 04-Dec-2025 02:26:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168773-015
Operator ID: ncc117024 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 07:08:59 Calib Date: 27-Oct-2025 20:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 08:10:48

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	9.88	98.75
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.0	99.94
\$ 82 Toluene-d8 (Surr)	10.0	10.0	100.07
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.69	96.86

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X64.D

Injection Date: 04-Dec-2025 02:26:30

Instrument ID: 19094

Lims ID: 410-254861-A-2

Lab Sample ID: 410-254861-2

Client ID: HD-COD-SW-7-0/1-0

Operator ID: ncc117024

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 25.000 mL

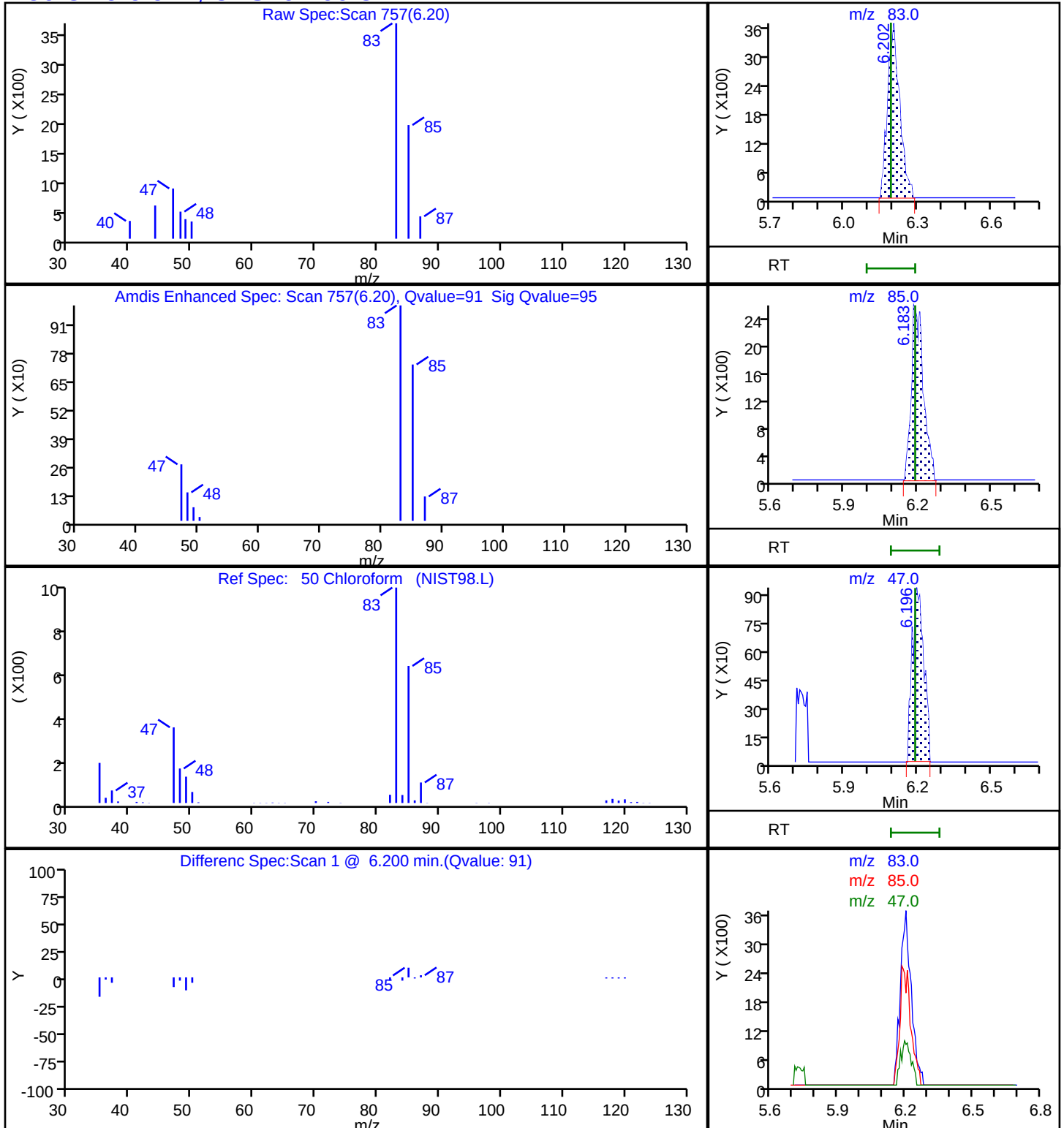
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

50 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X64.D

Injection Date: 04-Dec-2025 02:26:30

Instrument ID: 19094

Lims ID: 410-254861-A-2

Lab Sample ID: 410-254861-2

Client ID: HD-COD-SW-7-0/1-0

Operator ID: ncc117024

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 25.000 mL

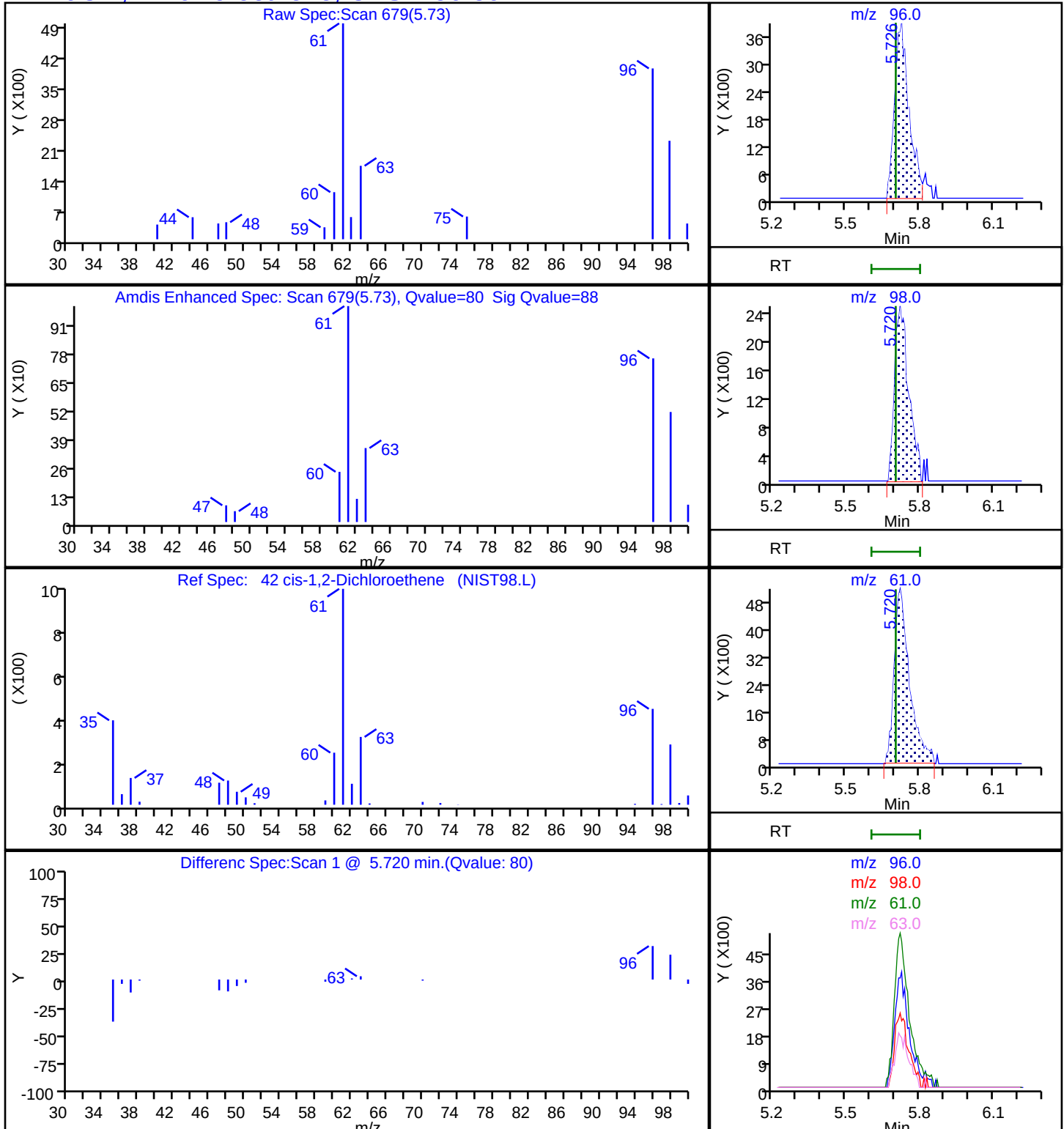
Dil. Factor: 1.0000

Method: MSV_19094_25mL

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X64.D

Injection Date: 04-Dec-2025 02:26:30

Instrument ID: 19094

Lims ID: 410-254861-A-2

Lab Sample ID: 410-254861-2

Client ID: HD-COD-SW-7-0/1-0

Operator ID: ncc117024

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 25.000 mL

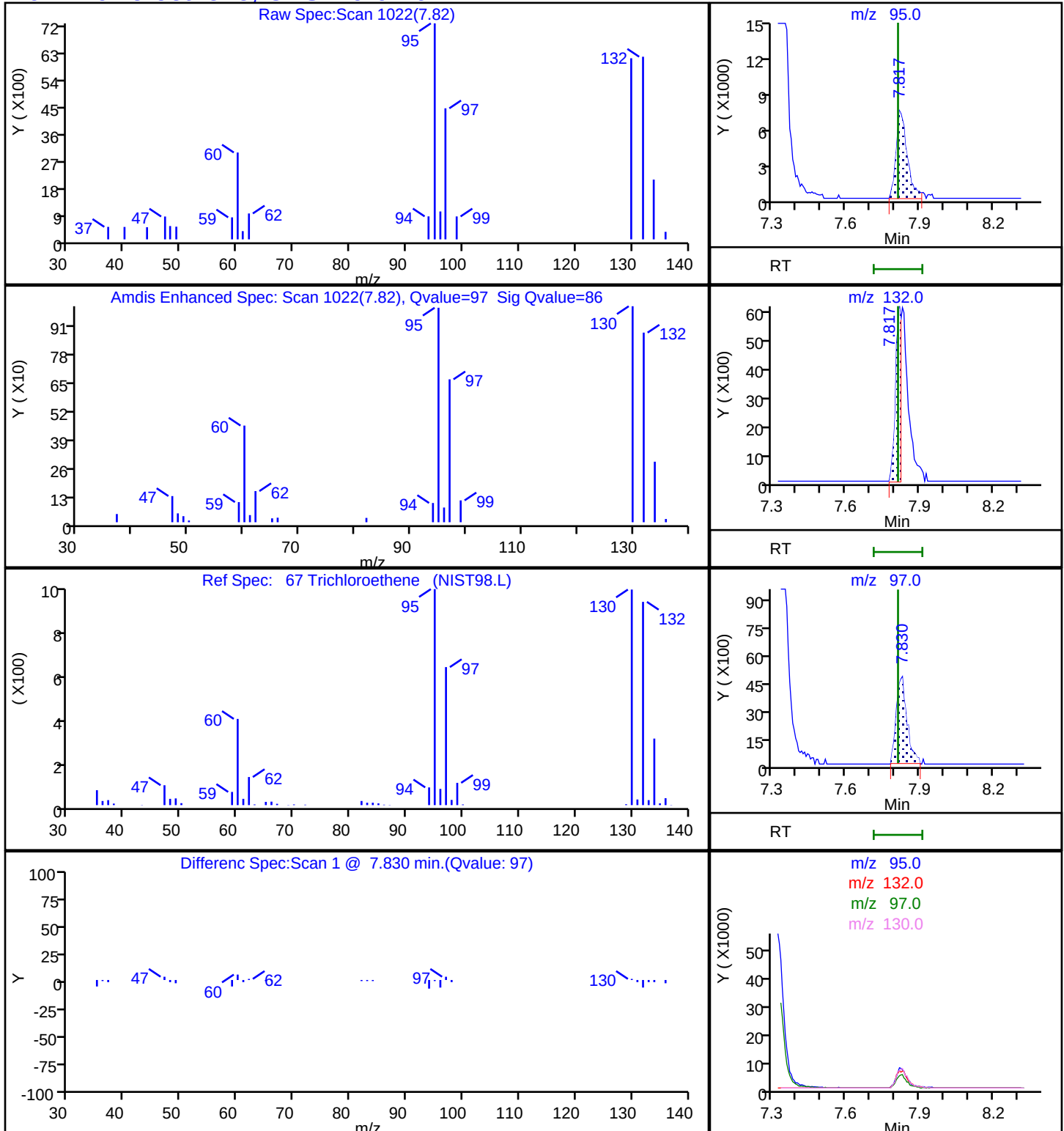
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

67 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID: HD-COD-SW-8-0/1-0

Lab Sample ID: 410-254861-3

Matrix: Water

Lab File ID: HD03X65.D

Analysis Method: 8260D

Date Collected: 11/24/2025 09:40

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 02:47

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738637

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.070
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	ND		0.50	0.10
75-35-4	1,1-Dichloroethene	ND		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	0.097	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	0.30	J	0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	1.1		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-8-0/1-0 Lab Sample ID: 410-254861-3

Matrix: Water Lab File ID: HD03X65.D

Analysis Method: 8260D Date Collected: 11/24/2025 09:40

Sample wt/vol: 25 (mL) Date Analyzed: 12/04/2025 02:47

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738637 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	0.37	J	0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	96		80-120
1868-53-7	Dibromofluoromethane (Surr)	99		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X65.D
 Lims ID: 410-254861-A-3
 Client ID: HD-COD-SW-8-0/1-0
 Sample Type: Client
 Inject. Date: 04-Dec-2025 02:47:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168773-016
 Operator ID: ncc117024 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 08:14:57 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 08:14:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	2.001	2.008	-0.007	94	2612	0.0307	
7 Vinyl chloride	62		2.111				ND	7
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.465				ND	
17 1,1-Dichloroethene	96		3.227				ND	
19 Acetone	43		3.257				ND	U
23 Carbon disulfide	76	3.513	3.507	0.006	97	5648	0.0433	M
* 28 t-Butyl alcohol-d10 (IS)	65	3.818	3.818	0.000	31	63163	50.0	
27 Methylene Chloride	84		3.818				ND	
31 Methyl tert-butyl ether	73		4.184				ND	
33 trans-1,2-Dichloroethene	96		4.208				ND	
35 1,1-Dichloroethane	63		4.848				ND	7
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.726	5.702	0.024	79	15816	0.2953	
47 Chlorobromomethane	128		6.037				ND	
50 Chloroform	83	6.202	6.190	0.012	91	8954	0.0975	
\$ 51 Dibromofluoromethane (Surr)	113	6.415	6.409	0.006	93	428295	9.90	
52 1,1,1-Trichloroethane	97		6.421				ND	U
56 Carbon tetrachloride	117		6.641				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	70	79717	10.0	
59 Benzene	78		6.903				ND	7
60 1,2-Dichloroethane	62		6.982				ND	
* 64 Fluorobenzene (IS)	96	7.317	7.318	-0.001	98	1889381	10.0	
67 Trichloroethene	95	7.823	7.811	0.012	98	21285	0.3696	
70 1,2-Dichloropropane	63		8.147				ND	
76 Dichlorobromomethane	83		8.500				ND	
80 cis-1,3-Dichloropropene	75		9.067				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.250				ND	
\$ 82 Toluene-d8 (Surr)	98	9.396	9.396	0.000	94	1905976	10.0	
84 Toluene	92	9.494	9.482	0.012	97	4811	0.0338	
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.969				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.067	10.061	0.006	97	72882	1.13	
109 2-Hexanone	43		10.195				ND	7
111 Chlorodibromomethane	129		10.360				ND	
112 Ethylene Dibromide	107		10.475				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.920	0.000	87	1350100	10.0	
115 Chlorobenzene	112		10.951				ND	
116 1,1,1,2-Tetrachloroethane	131		11.036				ND	
117 Ethylbenzene	91		11.042				ND	7
118 m-Xylene & p-Xylene	106		11.158				ND	7
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.494				ND	7
121 Styrene	104		11.512				ND	
122 Bromoform	173		11.670				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.945	11.945	0.000	88	655232	9.57	
127 1,1,2,2-Tetrachloroethane	83		12.048				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.835	12.835	0.000	96	711802	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X65.D

Injection Date: 04-Dec-2025 02:47:30

Instrument ID: 19094

Operator ID: ncc117024

Lims ID: 410-254861-A-3

Lab Sample ID: 410-254861-3

Worklist Smp#: 16

Client ID: HD-COD-SW-8-0/1-0

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

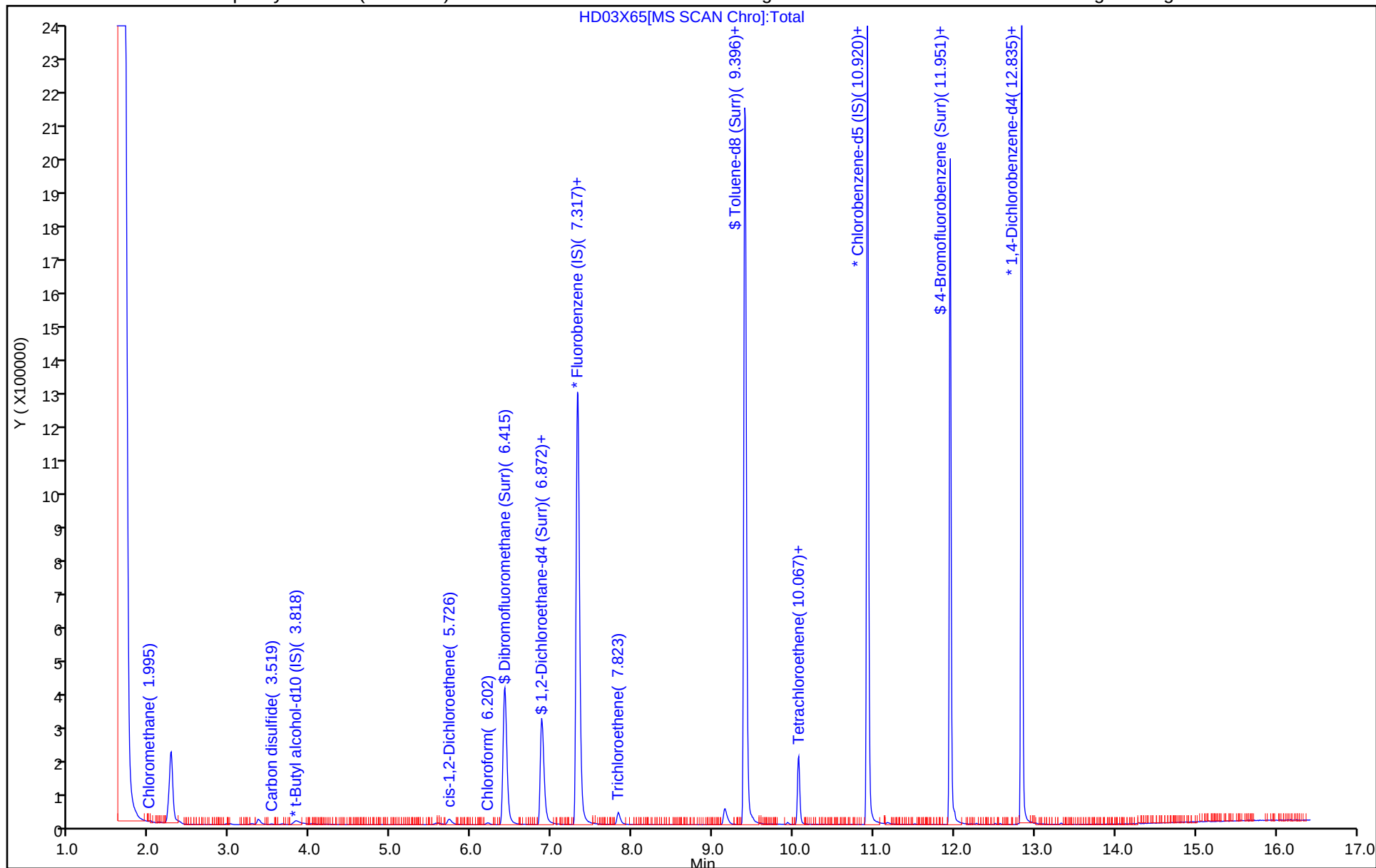
ALS Bottle#: 15

Method: MSV_19094_25mL

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\19094\20251203-168773.b\HD03X65.D
Lims ID: 410-254861-A-3
Client ID: HD-COD-SW-8-0/1-0
Sample Type: Client
Inject. Date: 04-Dec-2025 02:47:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168773-016
Operator ID: ncc117024 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 08:14:57 Calib Date: 27-Oct-2025 20:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 08:14:57

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	9.90	99.03
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.0	99.91
\$ 82 Toluene-d8 (Surr)	10.0	10.0	100.10
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.57	95.69

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X65.D

Injection Date: 04-Dec-2025 02:47:30

Instrument ID: 19094

Lims ID: 410-254861-A-3

Lab Sample ID: 410-254861-3

Client ID: HD-COD-SW-8-0/1-0

Operator ID: ncc117024

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 25.000 mL

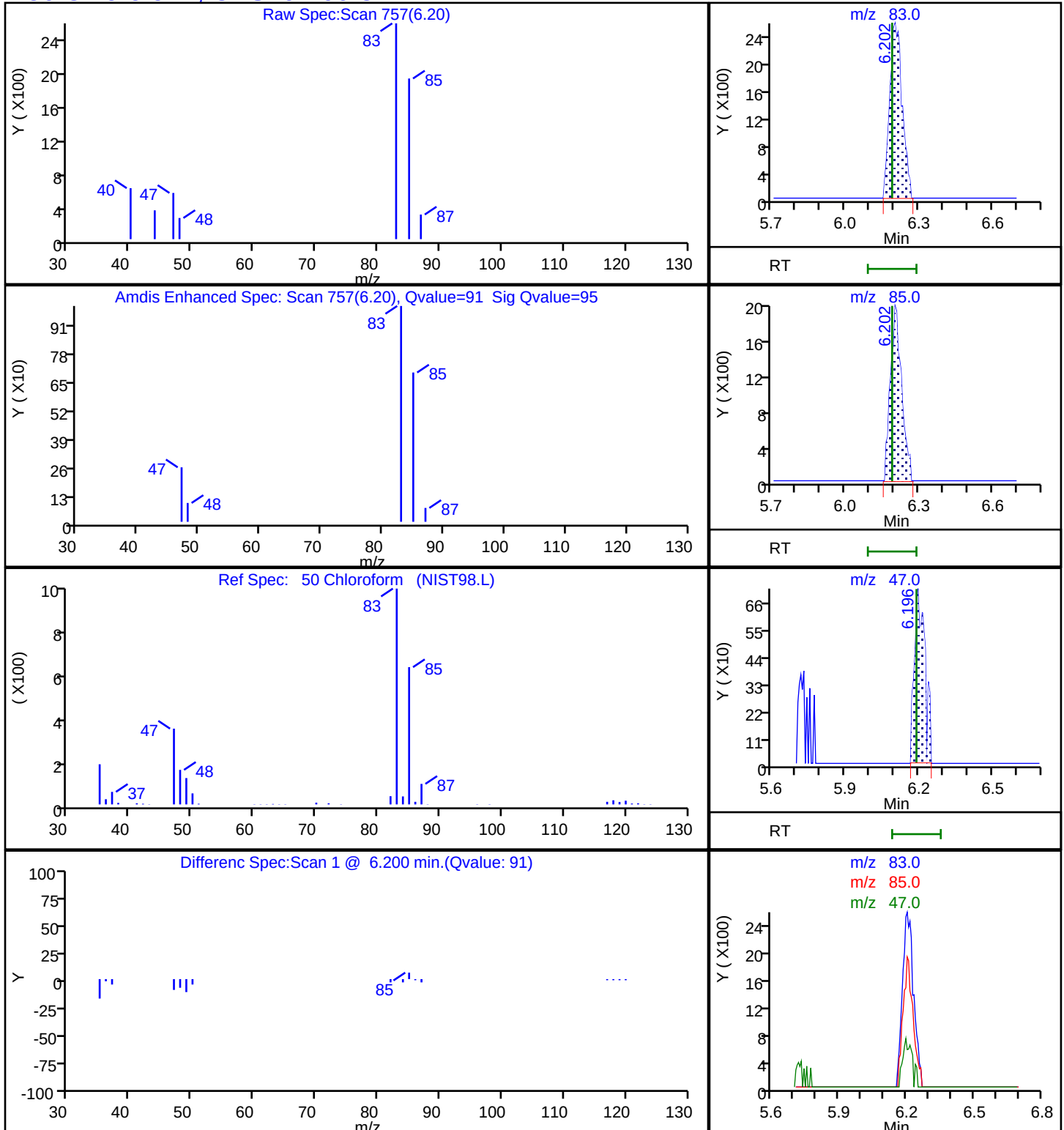
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

50 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X65.D

Injection Date: 04-Dec-2025 02:47:30

Instrument ID: 19094

Lims ID: 410-254861-A-3

Lab Sample ID: 410-254861-3

Client ID: HD-COD-SW-8-0/1-0

Operator ID: ncc117024

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 25.000 mL

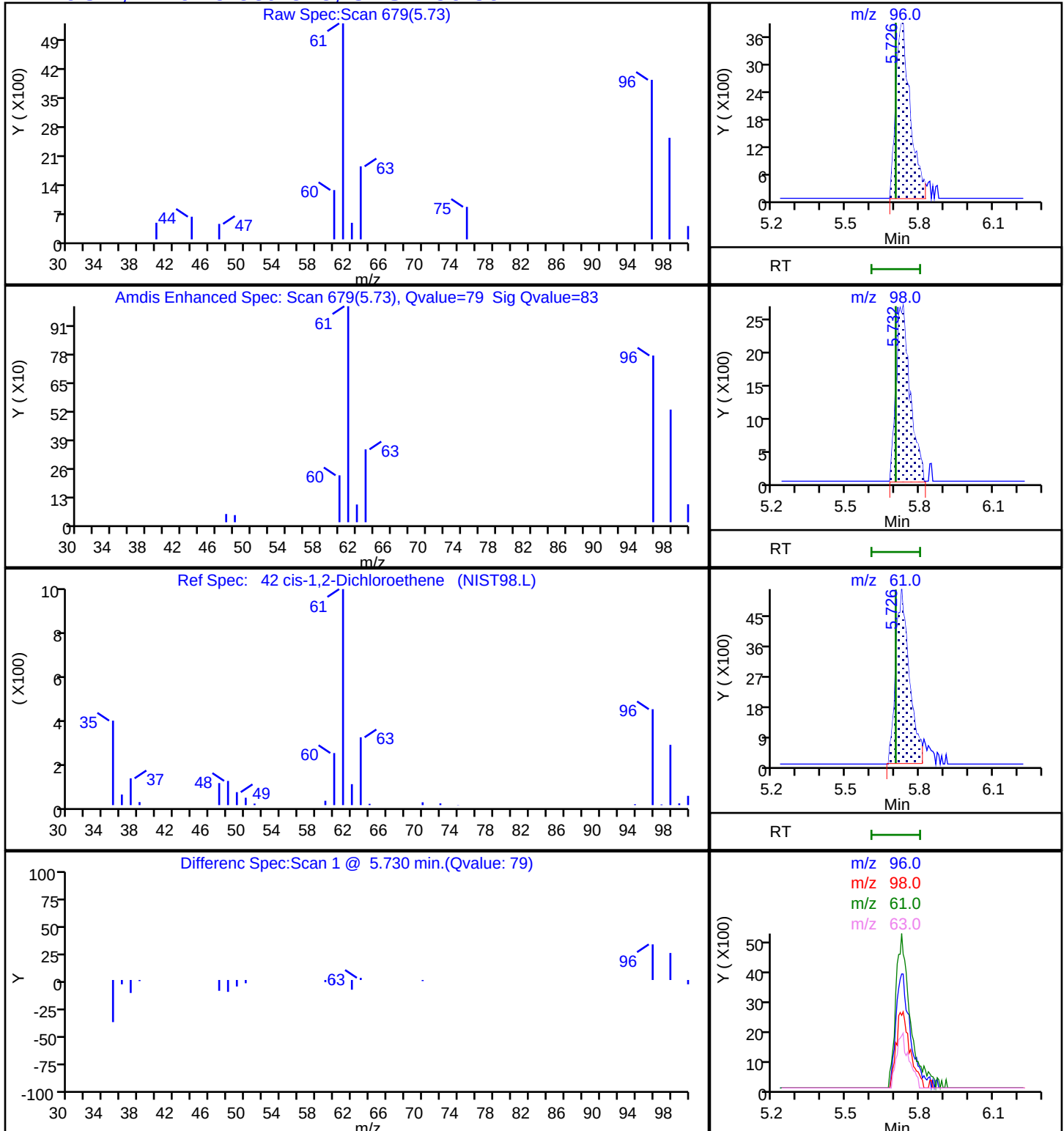
Dil. Factor: 1.0000

Method: MSV_19094_25mL

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\19094\20251203-168773.b\HD03X65.D

Injection Date: 04-Dec-2025 02:47:30

Instrument ID: 19094

Lims ID: 410-254861-A-3

Lab Sample ID: 410-254861-3

Client ID: HD-COD-SW-8-0/1-0

Operator ID: ncc117024

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 25.000 mL

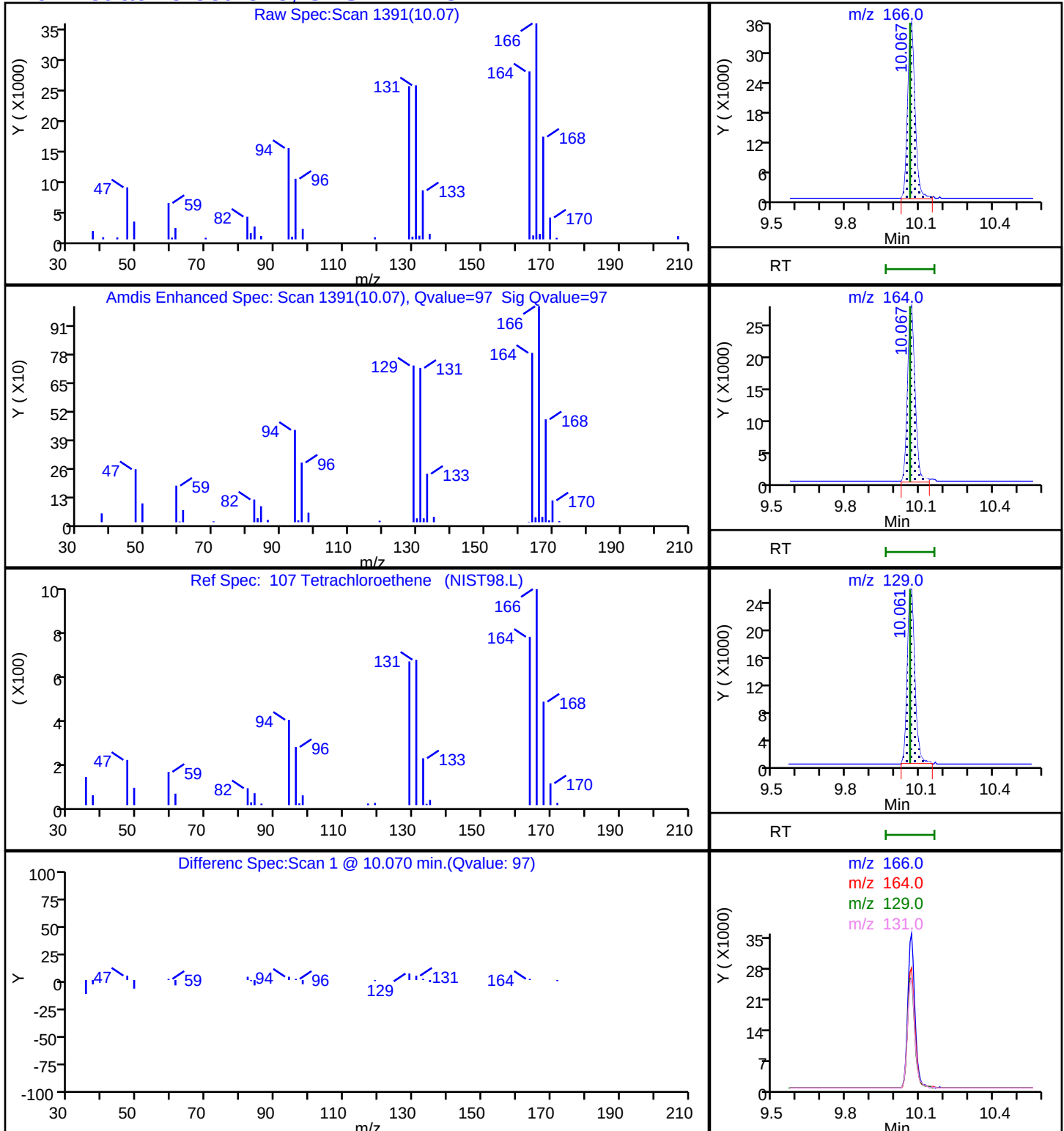
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

107 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X65.D

Injection Date: 04-Dec-2025 02:47:30

Instrument ID: 19094

Lims ID: 410-254861-A-3

Lab Sample ID: 410-254861-3

Client ID: HD-COD-SW-8-0/1-0

Operator ID: ncc117024

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 25.000 mL

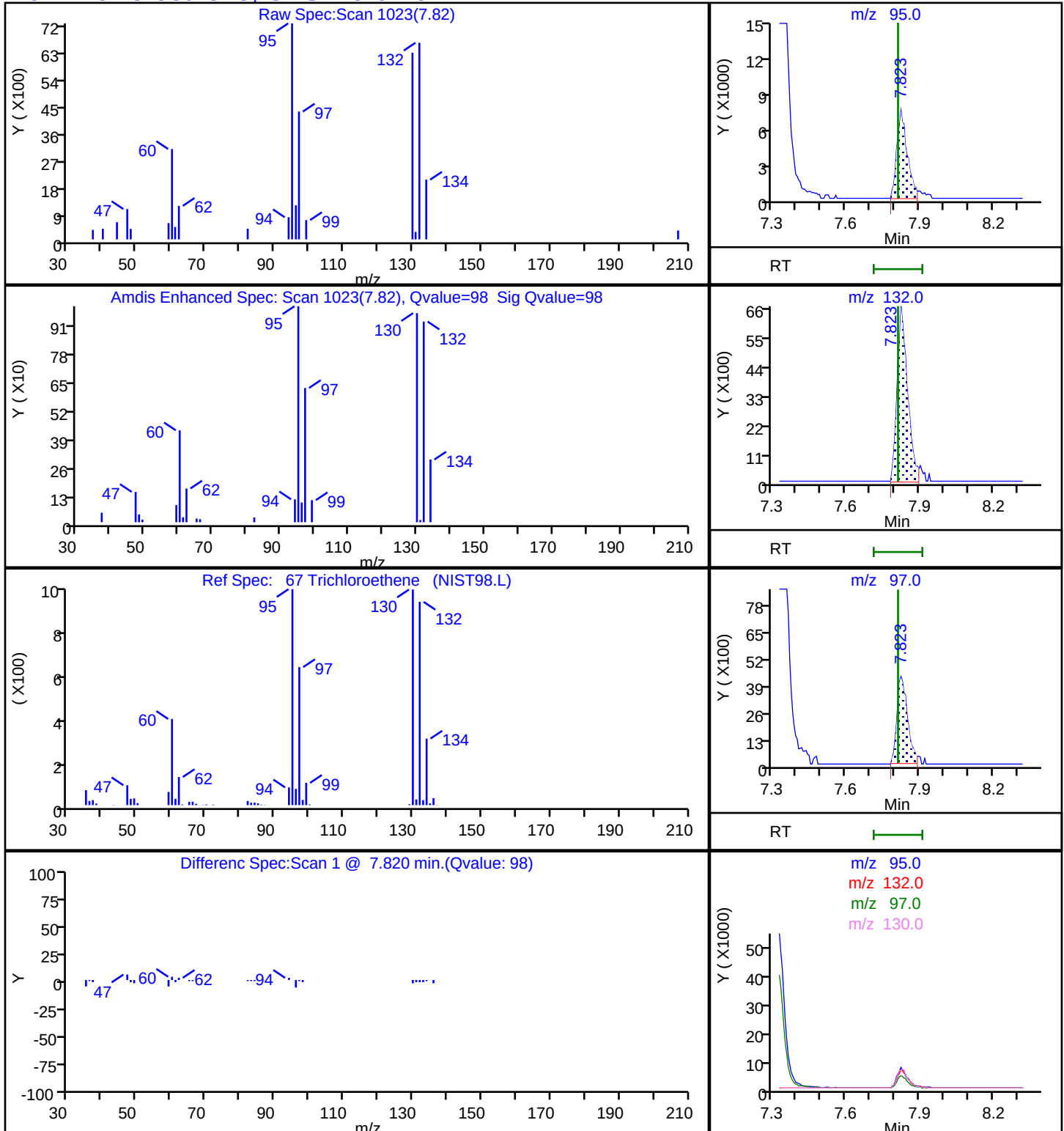
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

67 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X65.D

Injection Date: 04-Dec-2025 02:47:30

Instrument ID: 19094

Lims ID: 410-254861-A-3

Lab Sample ID: 410-254861-3

Client ID: HD-COD-SW-8-0/1-0

Operator ID: ncc117024

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

Method: MSV_19094_25mL

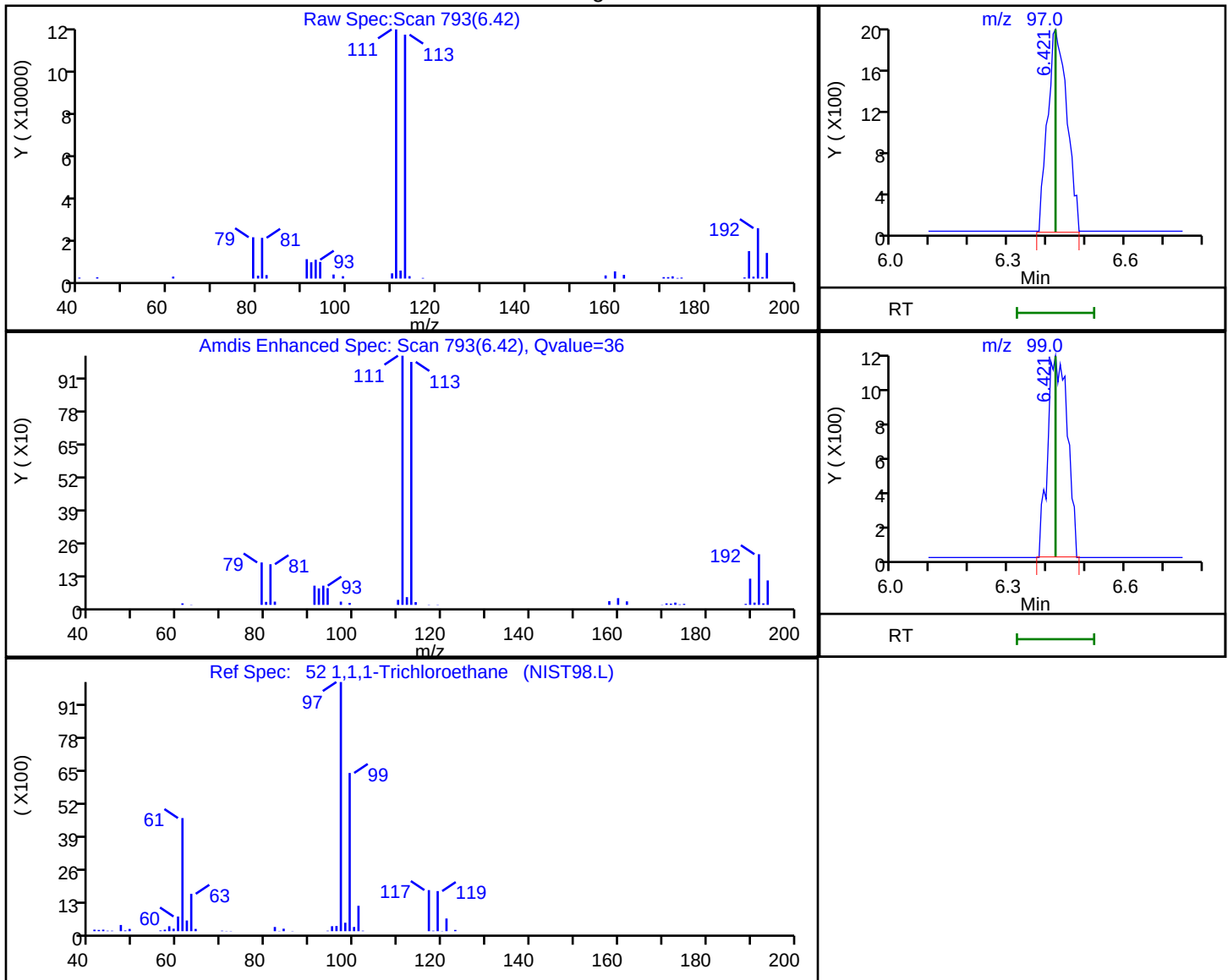
Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

52 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
6.42	97.00	6645	0.076615
6.42	99.00	4045	

Reviewer: FQ4L, 05-Dec-2025 08:14:42 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\19094\20251203-168773.b\HD03X65.D

Injection Date: 04-Dec-2025 02:47:30

Instrument ID: 19094

Lims ID: 410-254861-A-3

Lab Sample ID: 410-254861-3

Client ID: HD-COD-SW-8-0/1-0

Operator ID: ncc117024

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV_19094_25mL

Limit Group:

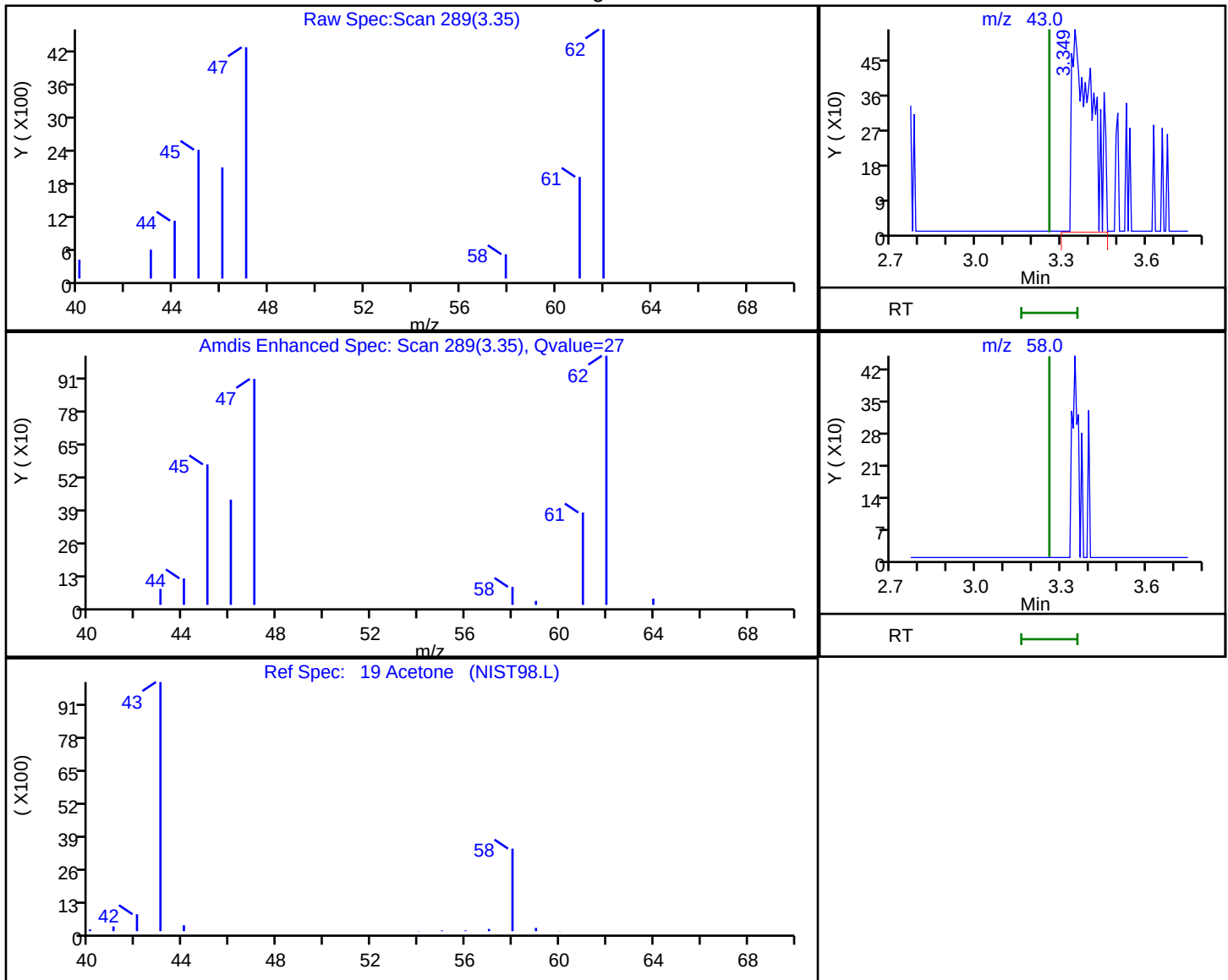
MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

19 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
3.35	43.00	2608	0.570693
3.26	58.00	0	

Reviewer: FQ4L, 05-Dec-2025 08:14:21 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

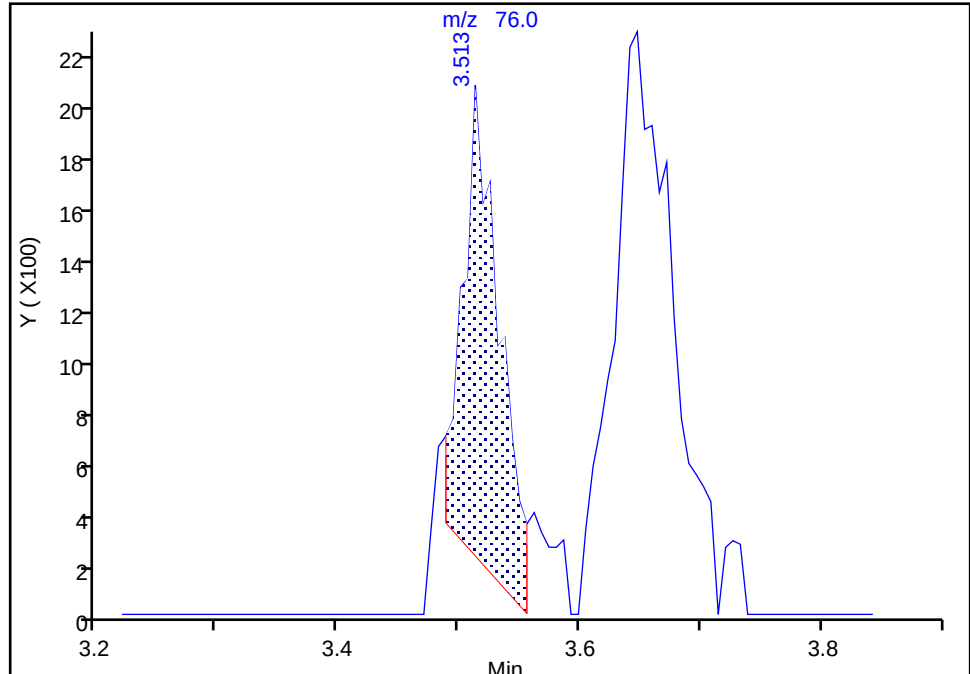
Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X65.D
Injection Date: 04-Dec-2025 02:47:30 Instrument ID: 19094
Lims ID: 410-254861-A-3 Lab Sample ID: 410-254861-3
Client ID: HD-COD-SW-8-0/1-0
Operator ID: ncc117024 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL 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

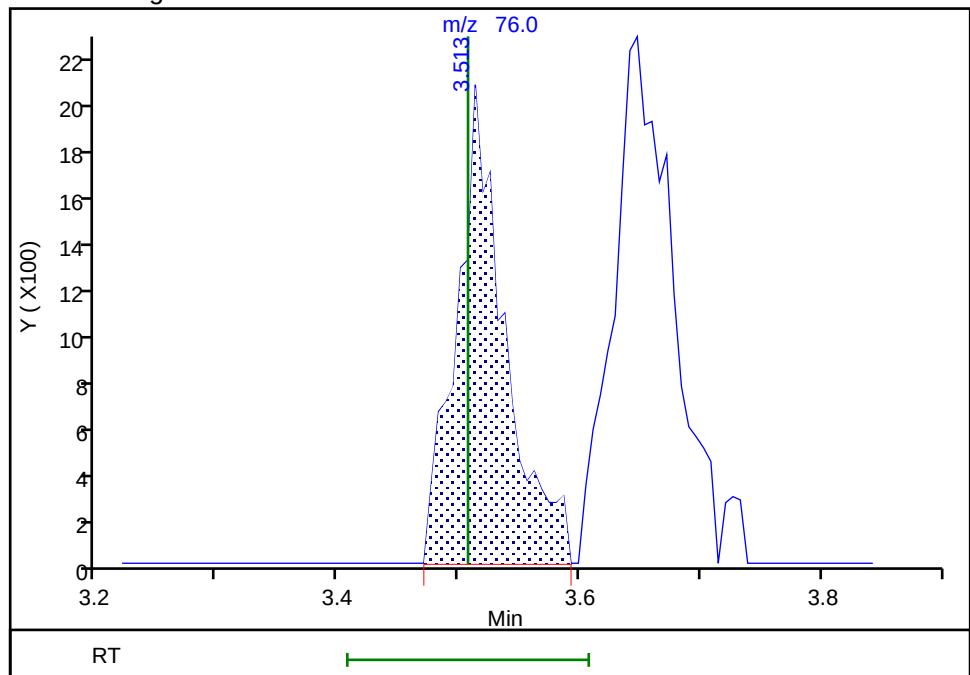
RT: 3.51
Area: 3958
Amount: 0.030360
Amount Units: ug/l

Processing Integration Results



RT: 3.51
Area: 5648
Amount: 0.043323
Amount Units: ug/l

Manual Integration Results



Reviewer: FQ4L, 05-Dec-2025 08:14:34 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.: 410-254861-1

SDG No.:

Client Sample ID: HD-COD-SW-9-0/1-0

Lab Sample ID: 410-254861-4

Matrix: Water

Lab File ID: HD03X66.D

Analysis Method: 8260D

Date Collected: 11/24/2025 12:58

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 03:08

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738637

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.070
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	ND		0.50	0.10
75-35-4	1,1-Dichloroethene	ND		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	0.13	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	0.19	J	0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	0.28	J	0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-9-0/1-0 Lab Sample ID: 410-254861-4

Matrix: Water Lab File ID: HD03X66.D

Analysis Method: 8260D Date Collected: 11/24/2025 12:58

Sample wt/vol: 25 (mL) Date Analyzed: 12/04/2025 03:08

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738637 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	0.22	J	0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		80-120
460-00-4	4-Bromofluorobenzene (Surr)	98		80-120
1868-53-7	Dibromofluoromethane (Surr)	99		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X66.D
 Lims ID: 410-254861-A-4
 Client ID: HD-COD-SW-9-0/1-0
 Sample Type: Client
 Inject. Date: 04-Dec-2025 03:08:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168773-017
 Operator ID: ncc117024 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 08:14:57 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 08:15:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		2.008				ND	7
7 Vinyl chloride	62		2.111				ND	7
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.465				ND	
17 1,1-Dichloroethene	96		3.227				ND	
19 Acetone	43		3.257				ND	
23 Carbon disulfide	76	3.513	3.507	0.006	95	6652	0.0505	
* 28 t-Butyl alcohol-d10 (IS)	65	3.830	3.818	0.012	31	73988	50.0	
27 Methylene Chloride	84		3.818				ND	
31 Methyl tert-butyl ether	73		4.184				ND	
33 trans-1,2-Dichloroethene	96		4.208				ND	
35 1,1-Dichloroethane	63		4.848				ND	
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.732	5.702	0.030	79	10457	0.1934	
47 Chlorobromomethane	128		6.037				ND	
50 Chloroform	83	6.202	6.190	0.012	92	12068	0.1302	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.409	0.000	93	430156	9.85	
52 1,1,1-Trichloroethane	97		6.421				ND	7
56 Carbon tetrachloride	117		6.641				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	71	80139	9.95	
59 Benzene	78		6.903				ND	7
60 1,2-Dichloroethane	62		6.982				ND	
* 64 Fluorobenzene (IS)	96	7.317	7.318	-0.001	99	1907318	10.0	
67 Trichloroethene	95	7.823	7.811	0.012	97	12984	0.2233	
70 1,2-Dichloropropane	63		8.147				ND	
76 Dichlorobromomethane	83		8.500				ND	7
80 cis-1,3-Dichloropropene	75		9.067				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.250				ND	
\$ 82 Toluene-d8 (Surr)	98	9.396	9.396	0.000	94	1907469	10.0	
84 Toluene	92	9.488	9.482	0.006	97	7899	0.0556	
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.969				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.067	10.061	0.006	95	17859	0.2782	
109 2-Hexanone	43		10.195				ND	
111 Chlorodibromomethane	129		10.360				ND	
112 Ethylene Dibromide	107		10.475				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.920	0.000	88	1347071	10.0	
115 Chlorobenzene	112		10.951				ND	
116 1,1,1,2-Tetrachloroethane	131		11.036				ND	
117 Ethylbenzene	91		11.042				ND	7
118 m-Xylene & p-Xylene	106		11.158				ND	7
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.494				ND	7
121 Styrene	104		11.512				ND	
122 Bromoform	173		11.670				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.945	0.006	89	671822	9.83	
127 1,1,2,2-Tetrachloroethane	83		12.048				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.835	12.835	0.000	96	722240	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

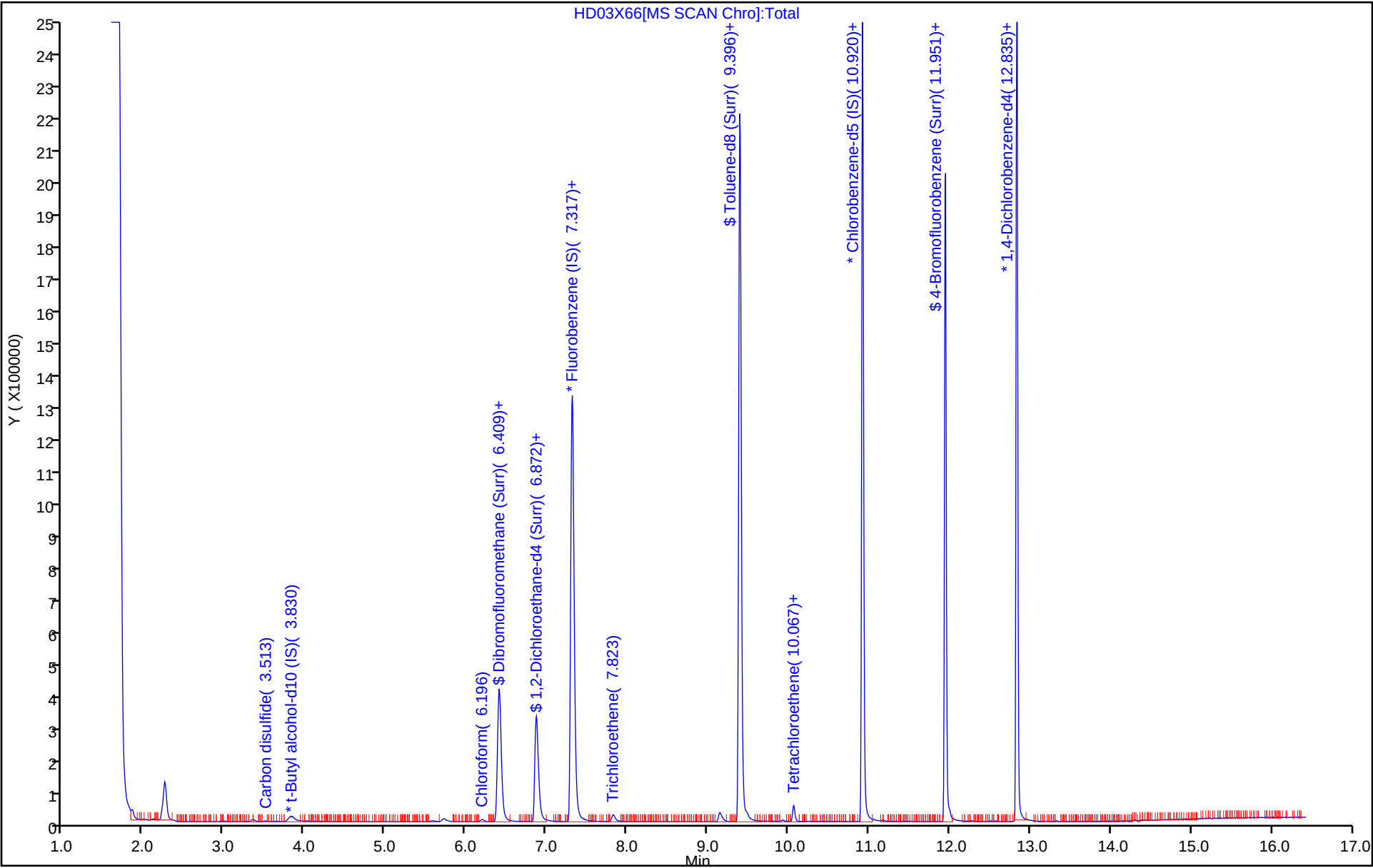
Reagents:

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X66.D
Lims ID: 410-254861-A-4
Client ID: HD-COD-SW-9-0/1-0
Sample Type: Client
Inject. Date: 04-Dec-2025 03:08:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168773-017
Operator ID: ncc117024 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 08:14:57 Calib Date: 27-Oct-2025 20:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 08:15:36

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	9.85	98.52
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	9.95	99.50
\$ 82 Toluene-d8 (Surr)	10.0	10.0	100.40
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.83	98.34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X66.D

Injection Date: 04-Dec-2025 03:08:30

Instrument ID: 19094

Lims ID: 410-254861-A-4

Lab Sample ID: 410-254861-4

Client ID: HD-COD-SW-9-0/1-0

Operator ID: ncc117024

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 25.000 mL

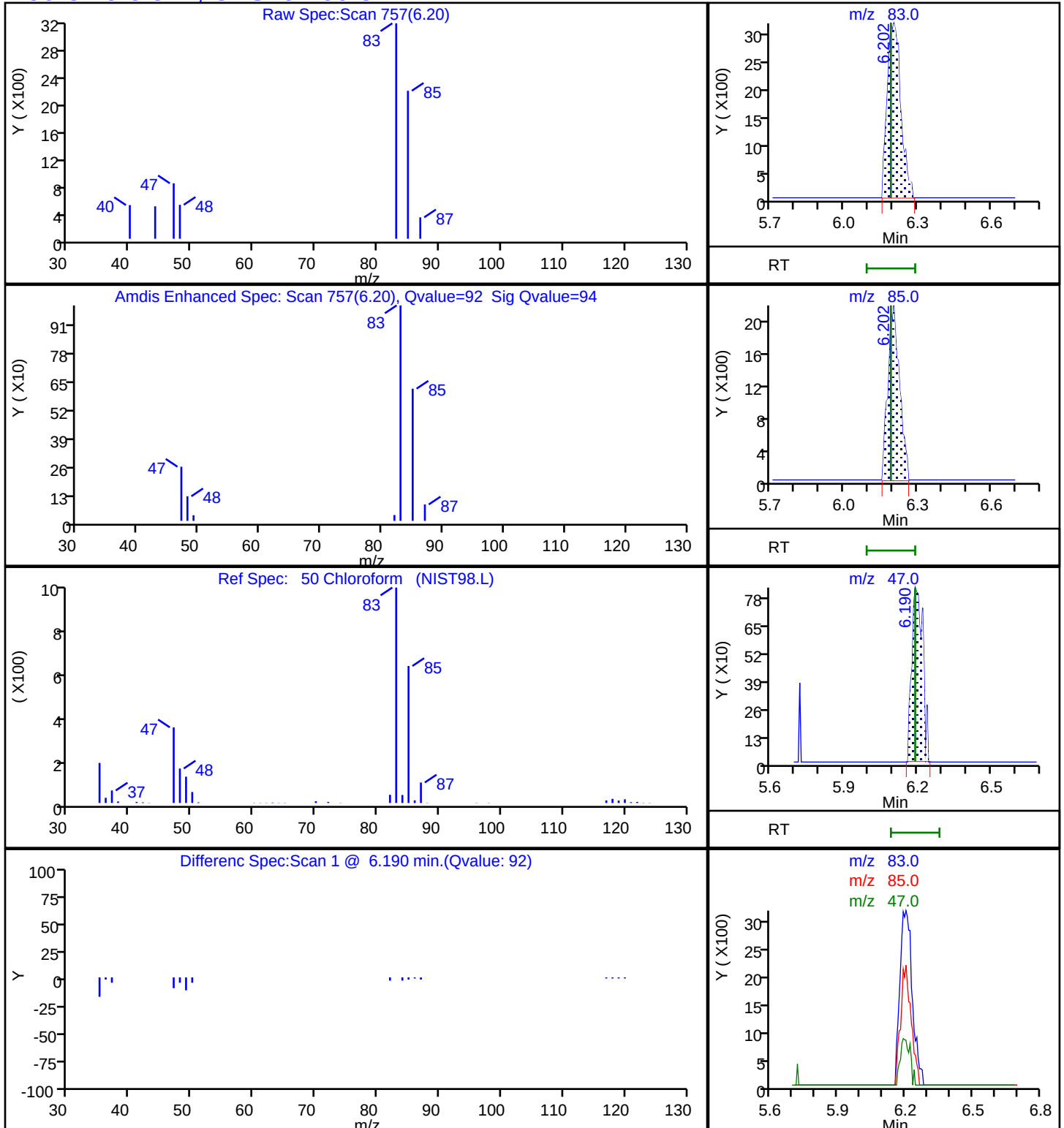
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

50 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X66.D

Injection Date: 04-Dec-2025 03:08:30

Instrument ID: 19094

Lims ID: 410-254861-A-4

Lab Sample ID: 410-254861-4

Client ID: HD-COD-SW-9-0/1-0

Operator ID: ncc117024

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 25.000 mL

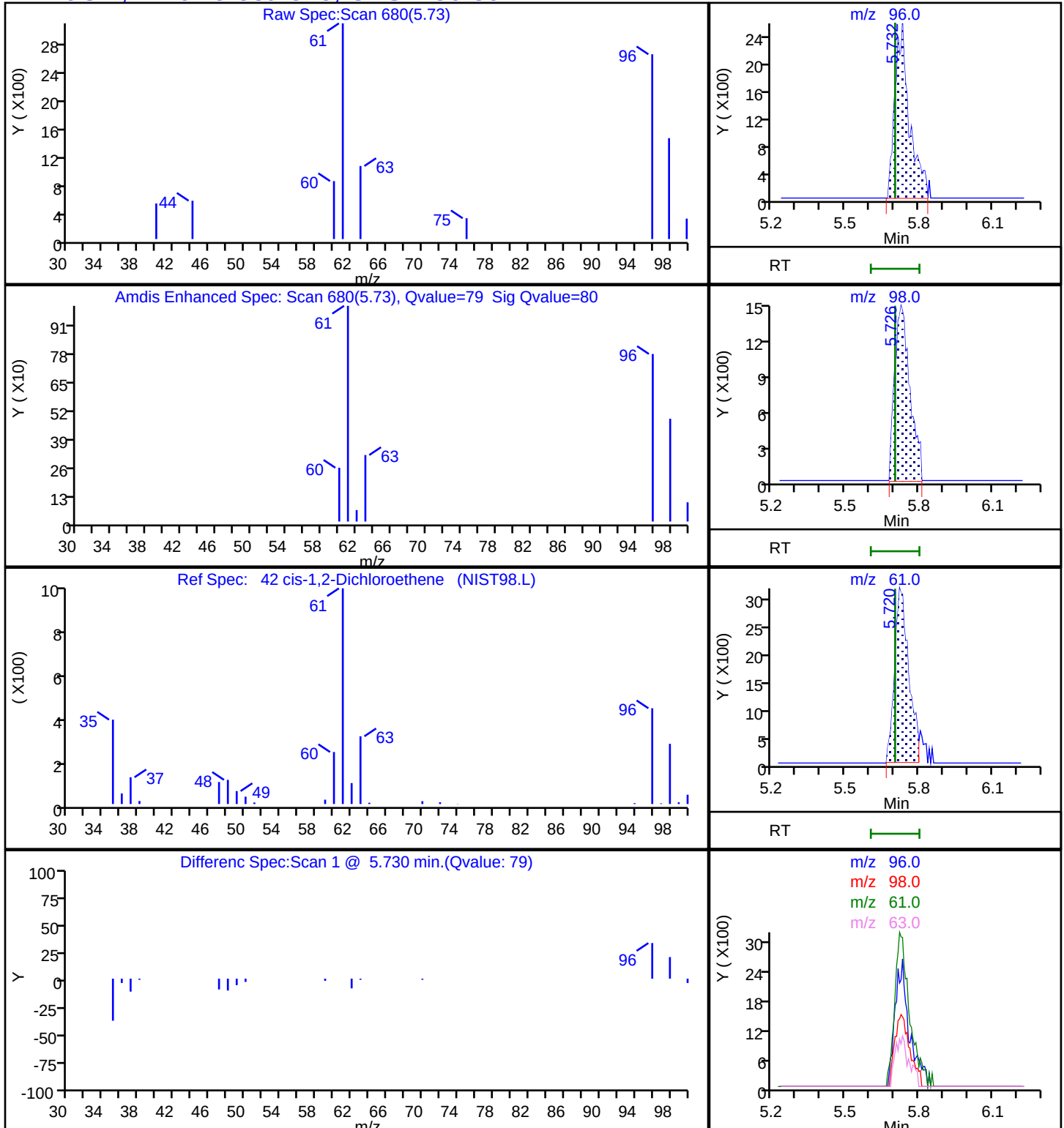
Dil. Factor: 1.0000

Method: MSV_19094_25mL

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\19094\20251203-168773.b\HD03X66.D

Injection Date: 04-Dec-2025 03:08:30

Instrument ID: 19094

Lims ID: 410-254861-A-4

Lab Sample ID: 410-254861-4

Client ID: HD-COD-SW-9-0/1-0

Operator ID: ncc117024

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 25.000 mL

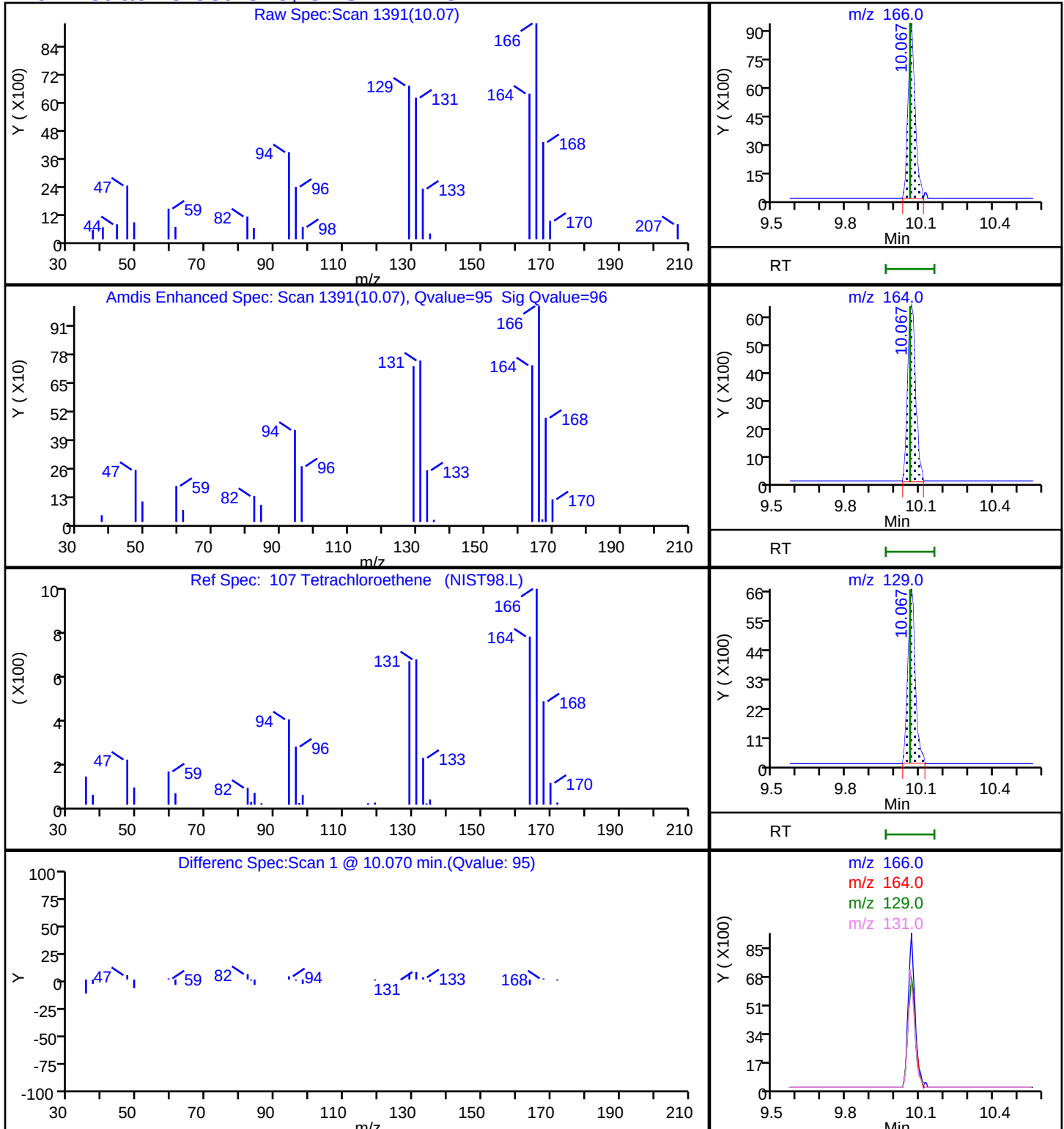
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

107 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X66.D

Injection Date: 04-Dec-2025 03:08:30

Instrument ID: 19094

Lims ID: 410-254861-A-4

Lab Sample ID: 410-254861-4

Client ID: HD-COD-SW-9-0/1-0

Operator ID: ncc117024

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 25.000 mL

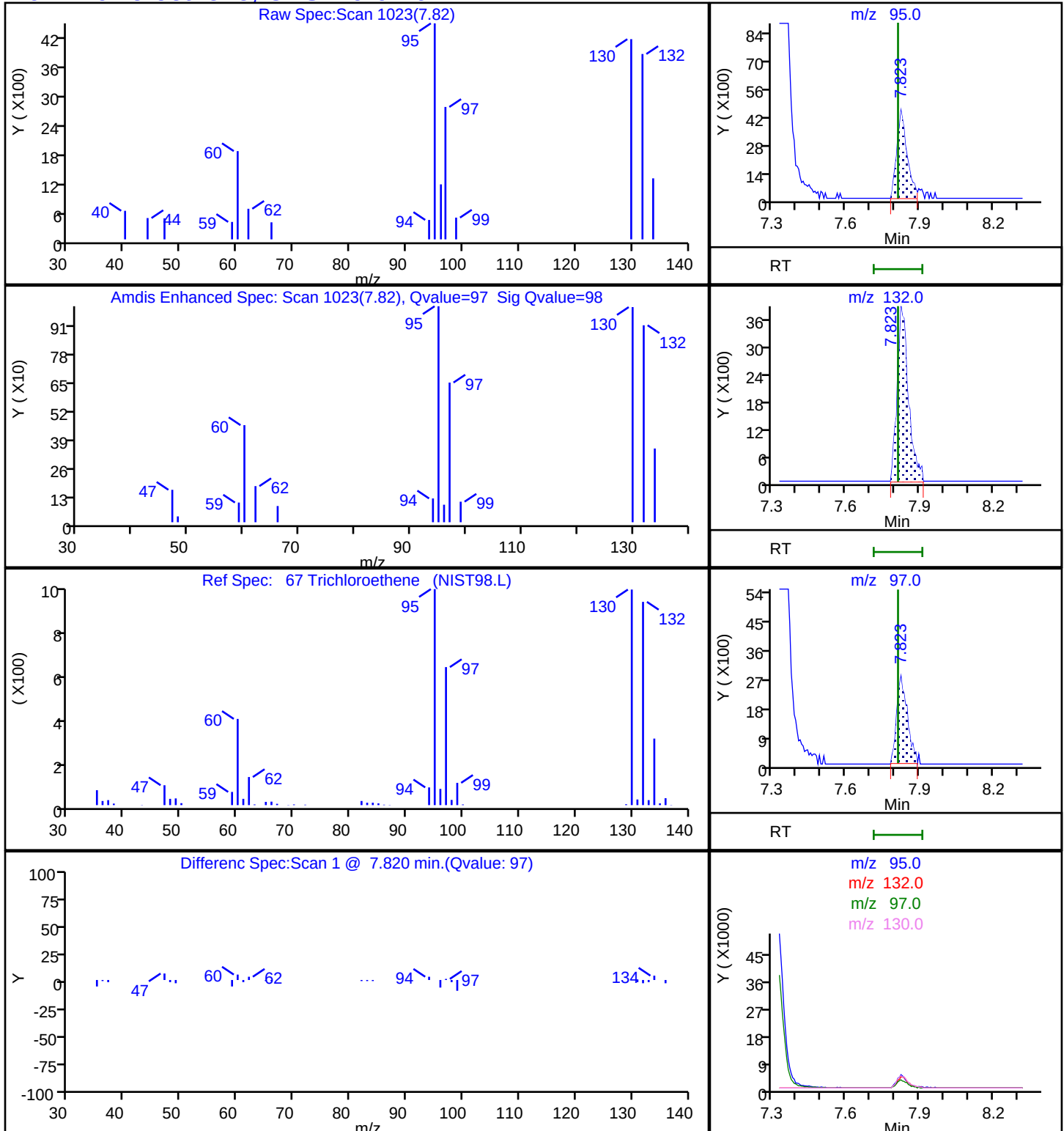
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

67 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID: HD-COD-SW-13-0/1-0

Lab Sample ID: 410-254861-5

Matrix: Water

Lab File ID: HD03X67.D

Analysis Method: 8260D

Date Collected: 11/24/2025 09:57

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 03:29

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738637

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.070
71-55-6	1,1,1-Trichloroethane	0.20	J	0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	ND		0.50	0.10
75-35-4	1,1-Dichloroethene	ND		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	0.094	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	0.36	J	0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	2.7		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-13-0/1-0 Lab Sample ID: 410-254861-5

Matrix: Water Lab File ID: HD03X67.D

Analysis Method: 8260D Date Collected: 11/24/2025 09:57

Sample wt/vol: 25 (mL) Date Analyzed: 12/04/2025 03:29

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738637 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	0.42	J	0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		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\19094\20251203-168773.b\HD03X67.D
 Lims ID: 410-254861-A-5
 Client ID: HD-COD-SW-13-0/1-0
 Sample Type: Client
 Inject. Date: 04-Dec-2025 03:29:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168773-018
 Operator ID: ncc117024 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 08:31:14 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 08:31:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	1.995	2.008	-0.013	94	3032	0.0358	
7 Vinyl chloride	62		2.111				ND	7
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.465				ND	
17 1,1-Dichloroethene	96	3.233	3.227	0.006	91	1687	0.0370	
19 Acetone	43		3.257				ND	
23 Carbon disulfide	76	3.507	3.507	0.000	98	5863	0.0452	
* 28 t-Butyl alcohol-d10 (IS)	65	3.830	3.818	0.012	24	58172	50.0	
27 Methylene Chloride	84		3.818				ND	
31 Methyl tert-butyl ether	73		4.184				ND	
33 trans-1,2-Dichloroethene	96		4.208				ND	
35 1,1-Dichloroethane	63	4.867	4.848	0.019	90	5917	0.0632	
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.732	5.702	0.030	80	19342	0.3633	
47 Chlorobromomethane	128		6.037				ND	
50 Chloroform	83	6.214	6.190	0.024	89	8566	0.0938	
\$ 51 Dibromofluoromethane (Surr)	113	6.415	6.409	0.006	93	419883	9.77	
52 1,1,1-Trichloroethane	97	6.427	6.421	0.006	67	17238	0.1999	
56 Carbon tetrachloride	117		6.641				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.879	6.872	0.007	45	77115	9.72	
59 Benzene	78		6.903				ND	7
60 1,2-Dichloroethane	62		6.982				ND	
* 64 Fluorobenzene (IS)	96	7.317	7.318	-0.001	98	1878155	10.0	
67 Trichloroethene	95	7.823	7.811	0.012	97	23938	0.4181	
70 1,2-Dichloropropane	63		8.147				ND	
76 Dichlorobromomethane	83		8.500				ND	
80 cis-1,3-Dichloropropene	75		9.067				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.250				ND	
\$ 82 Toluene-d8 (Surr)	98	9.396	9.396	0.000	94	1877425	10.1	
84 Toluene	92	9.488	9.482	0.006	98	4211	0.0303	
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.969				ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.061	10.061	0.000	97	170319	2.71	
109 2-Hexanone	43		10.195				ND	7
111 Chlorodibromomethane	129		10.360				ND	
112 Ethylene Dibromide	107		10.475				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.920	0.000	87	1319277	10.0	
115 Chlorobenzene	112		10.951				ND	
116 1,1,1,2-Tetrachloroethane	131		11.036				ND	
117 Ethylbenzene	91		11.042				ND	7
118 m-Xylene & p-Xylene	106		11.158				ND	
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.494				ND	7
121 Styrene	104		11.512				ND	
122 Bromoform	173		11.670				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.945	0.006	88	649034	9.70	
127 1,1,2,2-Tetrachloroethane	83		12.048				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.835	12.835	0.000	96	703344	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X67.D

Injection Date: 04-Dec-2025 03:29:30

Instrument ID: 19094

Operator ID: ncc117024

Lims ID: 410-254861-A-5

Lab Sample ID: 410-254861-5

Worklist Smp#: 18

Client ID: HD-COD-SW-13-0/1-0

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

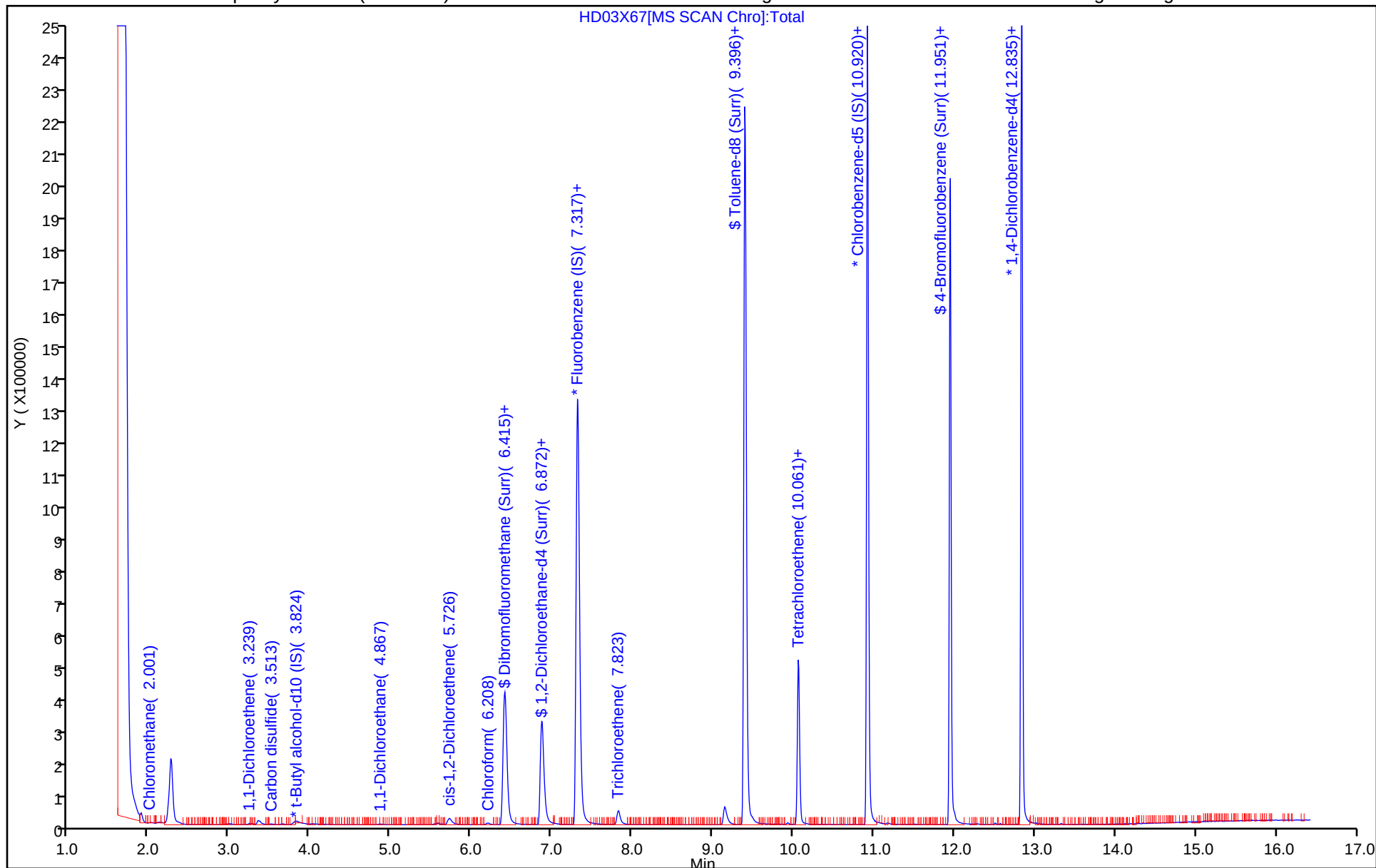
ALS Bottle#: 17

Method: MSV_19094_25mL

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\19094\20251203-168773.b\HD03X67.D
Lims ID: 410-254861-A-5
Client ID: HD-COD-SW-13-0/1-0
Sample Type: Client
Inject. Date: 04-Dec-2025 03:29:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168773-018
Operator ID: ncc117024 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 08:31:14 Calib Date: 27-Oct-2025 20:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 08:31:14

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	9.77	97.66
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	9.72	97.23
\$ 82 Toluene-d8 (Surr)	10.0	10.1	100.90
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.70	97.00

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X67.D

Injection Date: 04-Dec-2025 03:29:30

Instrument ID: 19094

Lims ID: 410-254861-A-5

Lab Sample ID: 410-254861-5

Client ID: HD-COD-SW-13-0/1-0

Operator ID: ncc117024

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 25.000 mL

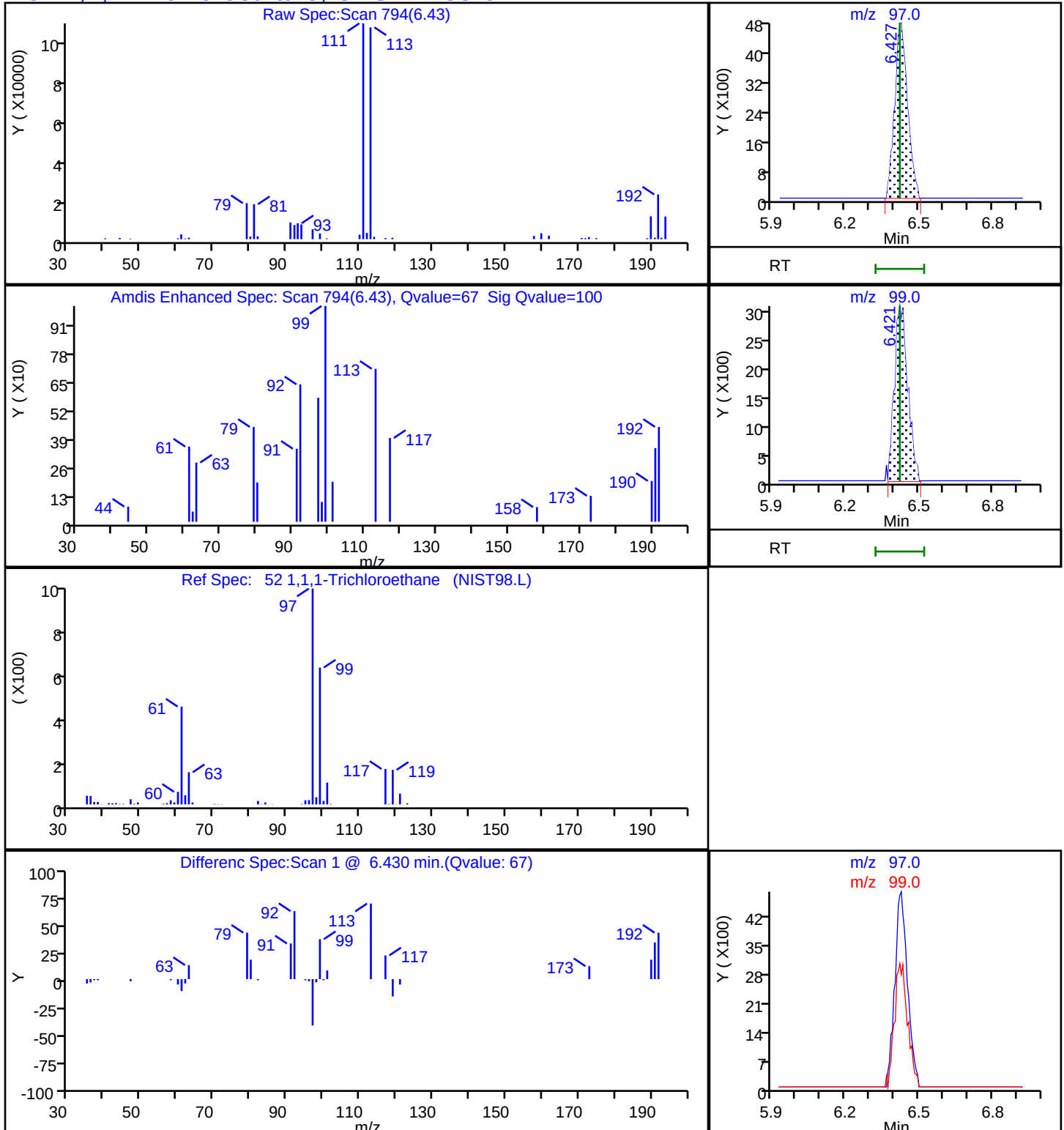
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID) x 30m

MS Quad

52 1,1,1-Trichloroethane, CAS: 71-55-6

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X67.D

Injection Date: 04-Dec-2025 03:29:30

Instrument ID: 19094

Lims ID: 410-254861-A-5

Lab Sample ID: 410-254861-5

Client ID: HD-COD-SW-13-0/1-0

Operator ID: ncc117024

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 25.000 mL

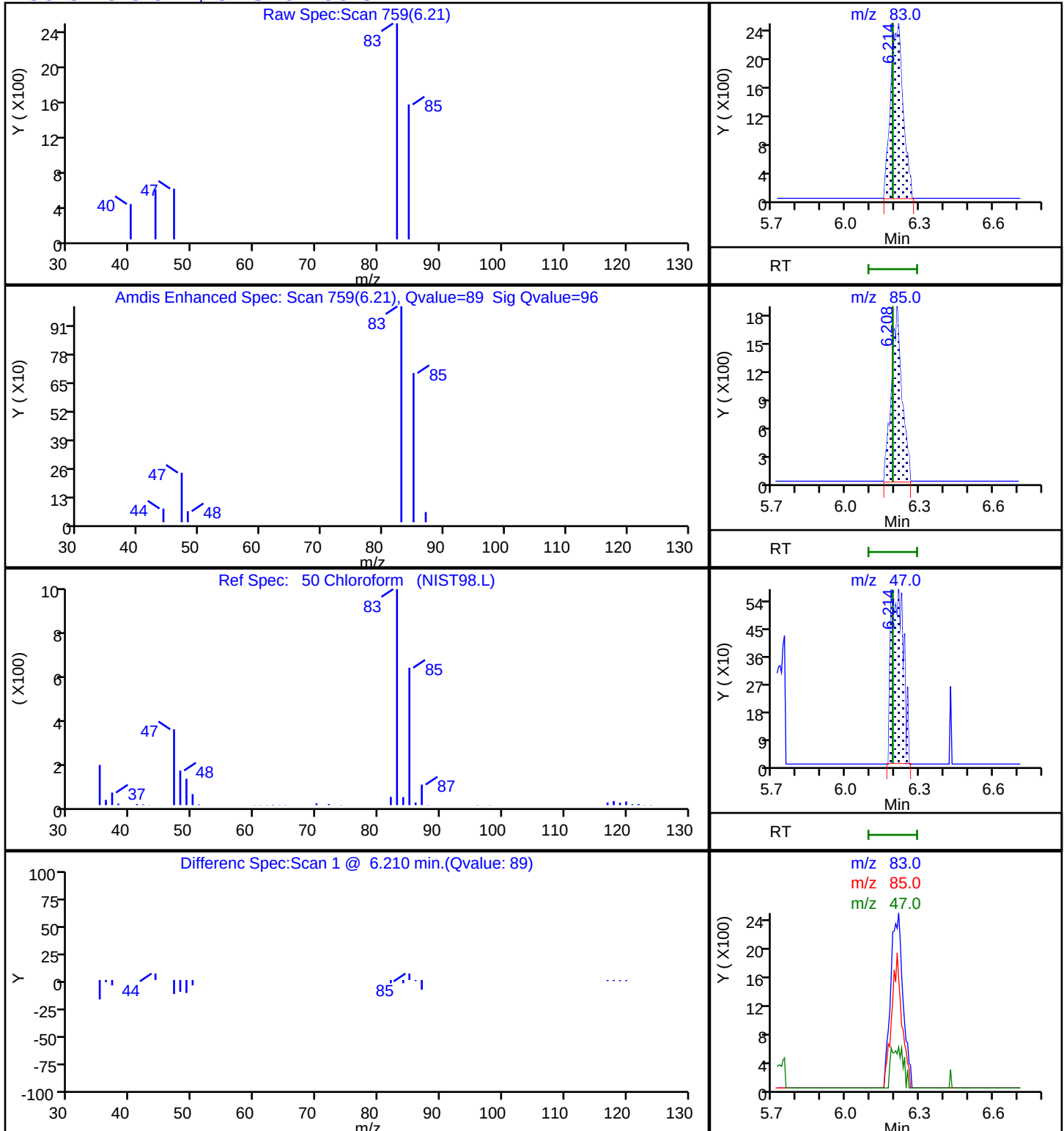
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

50 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X67.D

Injection Date: 04-Dec-2025 03:29:30

Instrument ID: 19094

Lims ID: 410-254861-A-5

Lab Sample ID: 410-254861-5

Client ID: HD-COD-SW-13-0/1-0

Operator ID: ncc117024

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 25.000 mL

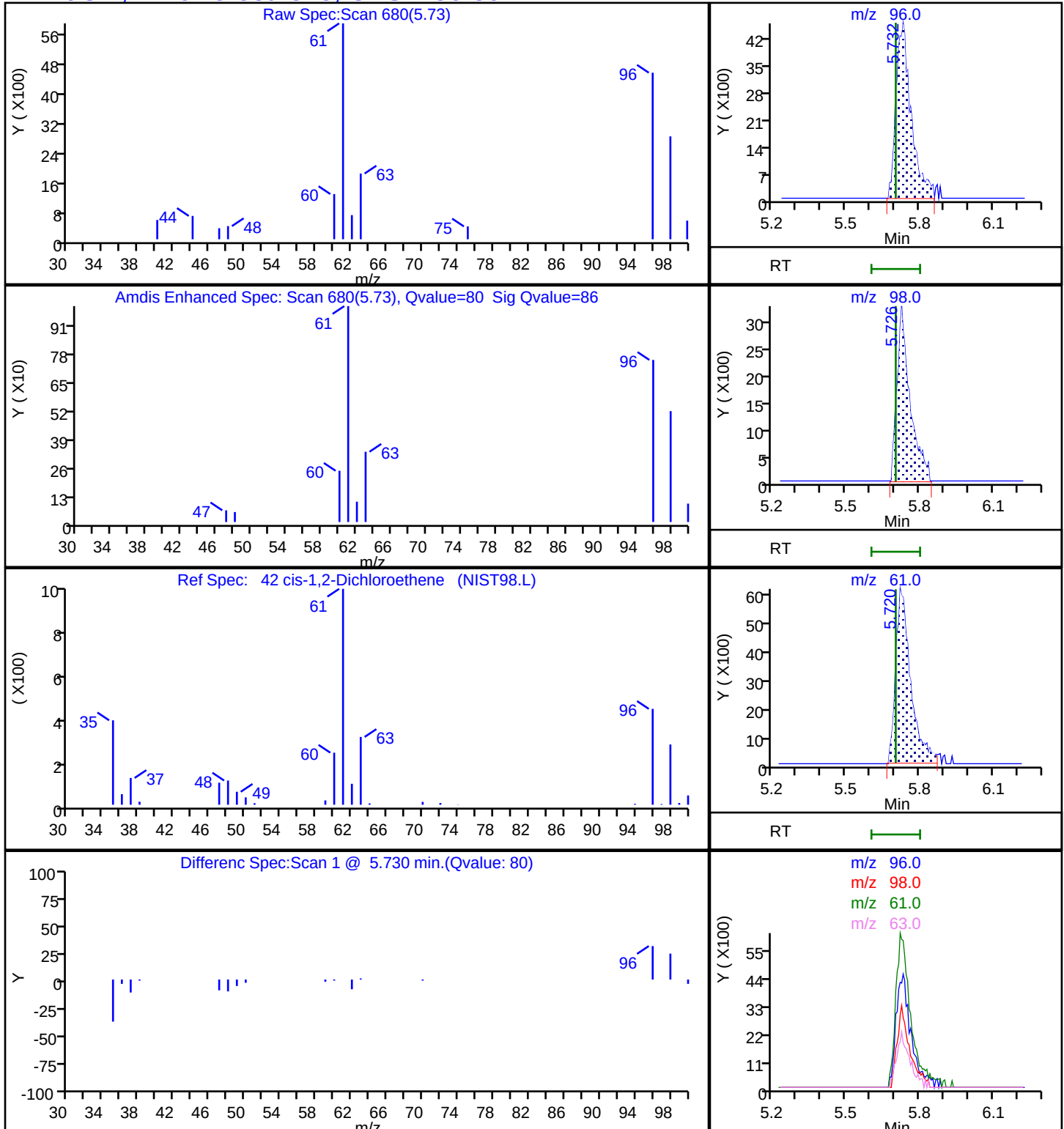
Dil. Factor: 1.0000

Method: MSV_19094_25mL

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\19094\20251203-168773.b\HD03X67.D

Injection Date: 04-Dec-2025 03:29:30

Instrument ID: 19094

Lims ID: 410-254861-A-5

Lab Sample ID: 410-254861-5

Client ID: HD-COD-SW-13-0/1-0

Operator ID: ncc117024

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 25.000 mL

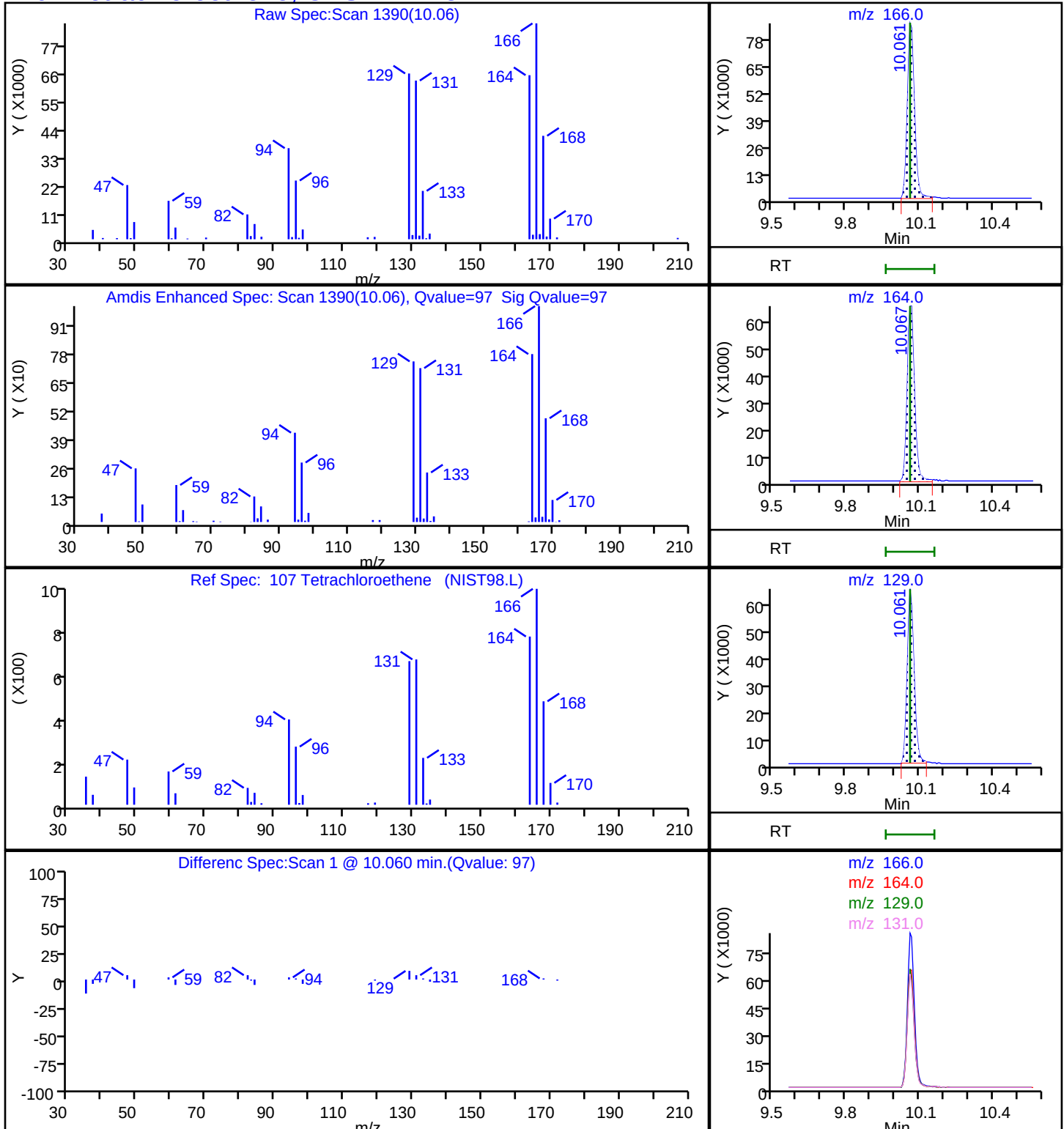
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

107 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X67.D

Injection Date: 04-Dec-2025 03:29:30

Instrument ID: 19094

Lims ID: 410-254861-A-5

Lab Sample ID: 410-254861-5

Client ID: HD-COD-SW-13-0/1-0

Operator ID: ncc117024

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 25.000 mL

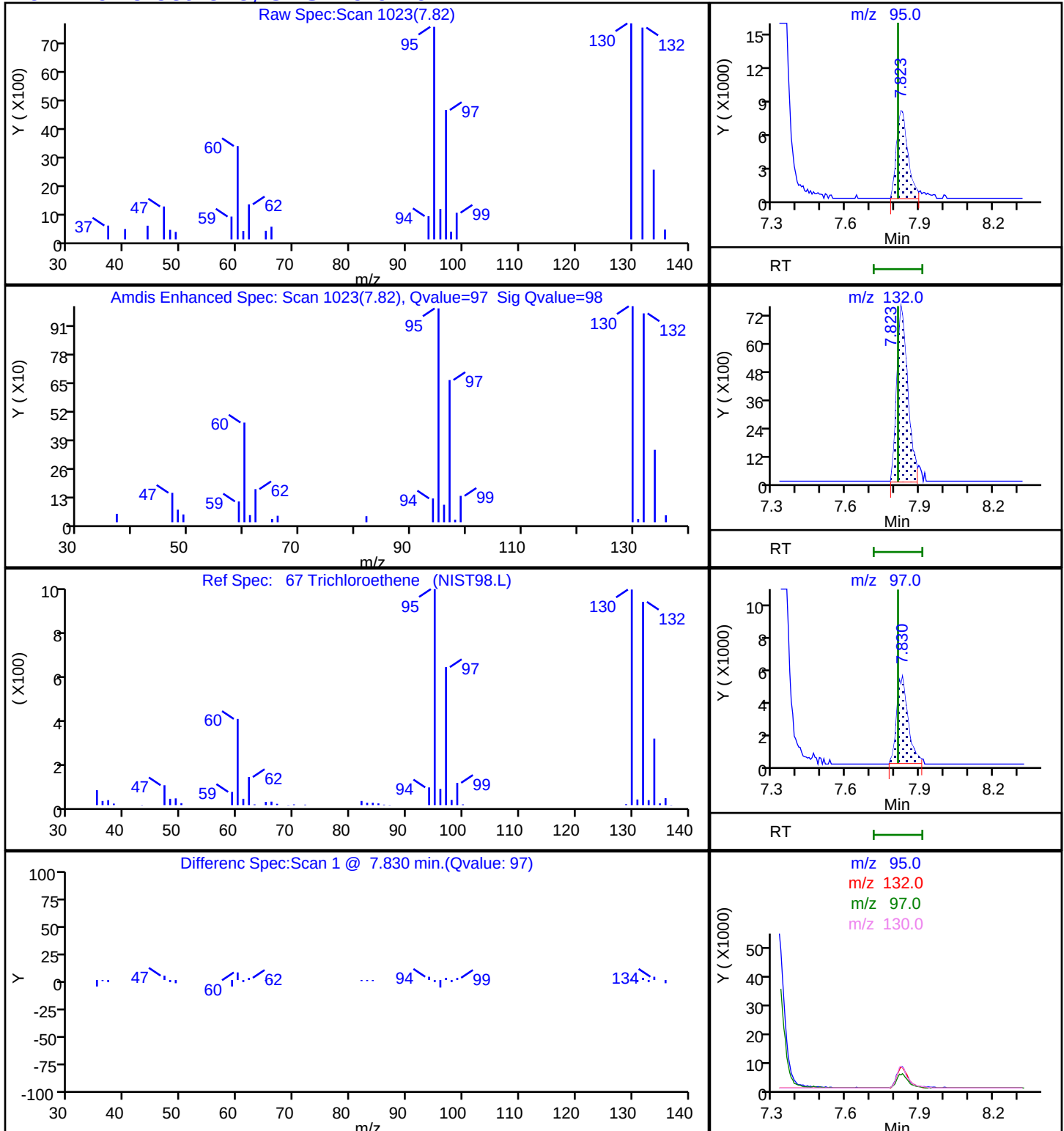
Dil. Factor: 1.0000

Method: MSV_19094_25mL

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\19094\20251203-168773.b\HD03X67.D

Injection Date: 04-Dec-2025 03:29:30

Instrument ID: 19094

Lims ID: 410-254861-A-5

Lab Sample ID: 410-254861-5

Client ID: HD-COD-SW-13-0/1-0

Operator ID: ncc117024

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

Method: MSV_19094_25mL

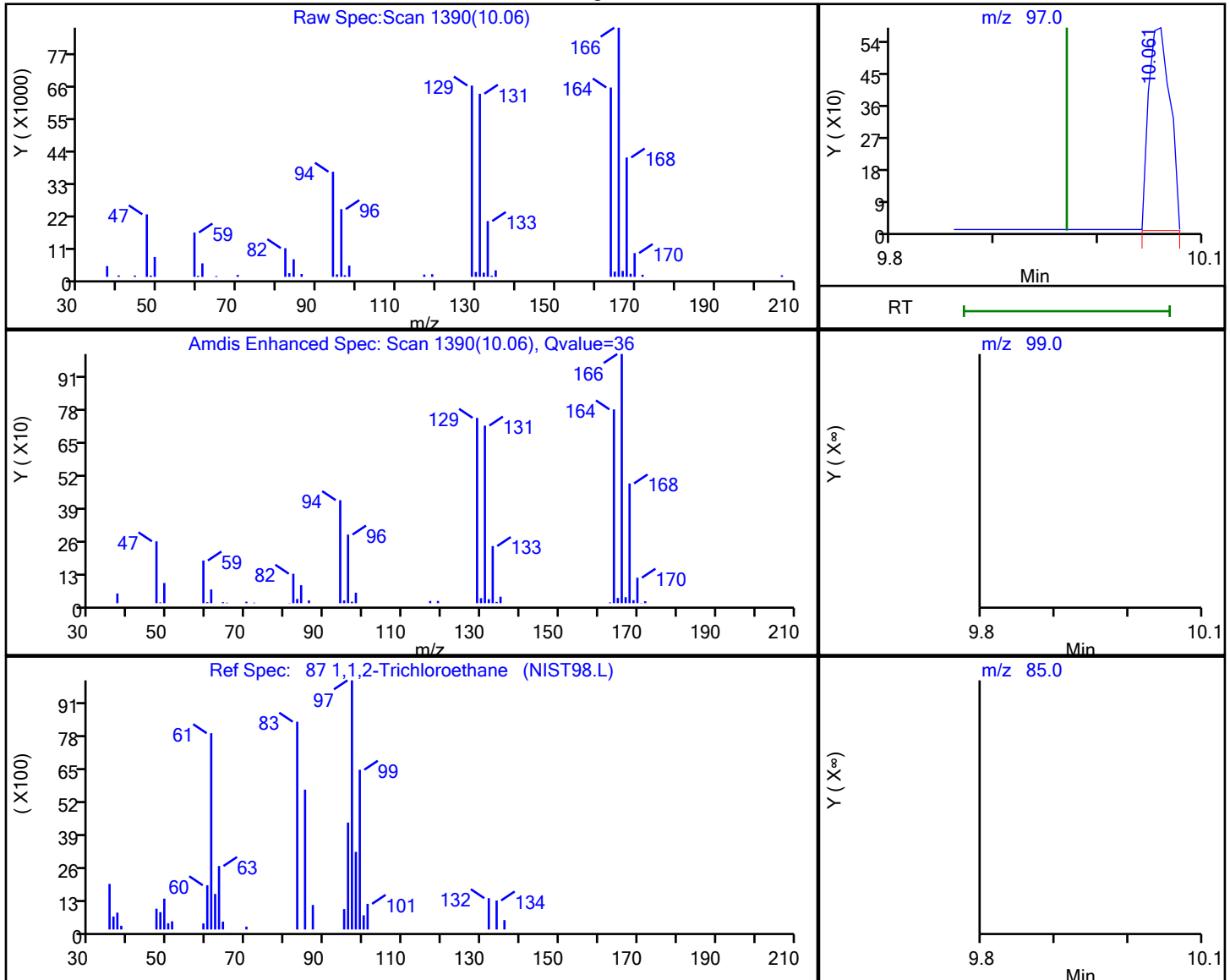
Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
10.06	97.00	823	0.028522
9.97	99.00	0	
9.97	85.00	0	
10.07	83.00	2971	

Reviewer: FQ4L, 05-Dec-2025 08:31:05 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.: 410-254861-1

SDG No.:

Client Sample ID: HD-COD-SW-15-0/1-0

Lab Sample ID: 410-254861-6

Matrix: Water

Lab File ID: HD03X60.D

Analysis Method: 8260D

Date Collected: 11/24/2025 12:00

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 01:04

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738637

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.070
71-55-6	1,1,1-Trichloroethane	0.34	J	0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	0.11	J FH	0.50	0.10
75-35-4	1,1-Dichloroethene	0.21	J	0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	0.19	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	1.4	FH	0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	4.8		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-15-0/1-0 Lab Sample ID: 410-254861-6

Matrix: Water Lab File ID: HD03X60.D

Analysis Method: 8260D Date Collected: 11/24/2025 12:00

Sample wt/vol: 25 (mL) Date Analyzed: 12/04/2025 01:04

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738637 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	1.4		0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X60.D
 Lims ID: 410-254861-A-6
 Client ID: HD-COD-SW-15-0/1-0
 Sample Type: Client
 Inject. Date: 04-Dec-2025 01:04:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168773-011
 Operator ID: ncc117024 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 07:08:59 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 07:08:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.782				ND	
2 Dichlorodifluoromethane	85		1.825				ND	
3 Chlorodifluoromethane	51		1.831				ND	7
4 Dimethyl ether	45		1.873				ND	
5 Chloromethane	50		2.008				ND	7
6 Butadiene	39		2.099				ND	7
7 Vinyl chloride	62		2.111				ND	
8 2-Chloro-1,1,1-Trifluoroethane	118		2.154				ND	
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.465				ND	
11 Dichlorofluoromethane	67		2.672				ND	7
12 Trichlorofluoromethane	101		2.770				ND	
13 Ethyl ether	59		2.946				ND	
14 1,2-Dichloro-1,1,2-trifluoroethane	67		3.026				ND	
16 Acrolein	56		3.105				ND	
15 Ethanol	45		3.111				ND	
17 1,1-Dichloroethene	96	3.233	3.227	0.006	96	9745	0.2101	
19 Acetone	43		3.257				ND	
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101		3.276				ND	
20 Iodomethane	142		3.404				ND	
22 Ethyl bromide	108		3.428				ND	
T 21 Ethanol TIC	45		3.440				ND	7
23 Carbon disulfide	76		3.507				ND	7
24 Methyl acetate	43		3.641				ND	
25 3-Chloro-1-propene	41		3.654				ND	
26 Acetonitrile	41		3.769				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.818	3.818	0.000	31	64907	50.0	
27 Methylene Chloride	84		3.818				ND	
29 2-Methyl-2-propanol	59		3.916				ND	
30 Acrylonitrile	53		4.160				ND	
31 Methyl tert-butyl ether	73	4.196	4.184	0.012	1	2849	0.0277	
33 trans-1,2-Dichloroethene	96		4.208				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
T 32 Acetonitrile TIC	41		4.214				ND	
34 Hexane	57		4.623				ND	
35 1,1-Dichloroethane	63	4.873	4.848	0.025	92	10381	0.1089	
36 Vinyl acetate	43		4.855				ND	
37 Isopropyl ether	45		4.916				ND	
38 2-Chloro-1,3-butadiene	53		4.964				ND	
39 Tert-butyl ethyl ether	59		5.458				ND	
T 40 Vinyl acetate (TIC)	43		5.537				ND	
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.714	5.702	0.012	80	78213	1.44	
43 2,2-Dichloropropane	77		5.714				ND	
44 Propionitrile	54		5.745				ND	
45 Ethyl acetate	43		5.769				ND	
46 Methacrylonitrile	67		5.964				ND	
47 Chlorobromomethane	128		6.037				ND	
48 Tetrahydrofuran	71		6.043				ND	
S 49 1,2-Dichloroethene, Total	100				0		1.44	
50 Chloroform	83	6.202	6.190	0.012	93	17705	0.1904	
\$ 51 Dibromofluoromethane (Surr)	113	6.415	6.409	0.006	93	430080	9.82	
52 1,1,1-Trichloroethane	97	6.421	6.421	0.000	38	29963	0.3412	
53 Methyl acrylate	55		6.482				ND	
54 Cyclohexane	56		6.525				ND	
56 Carbon tetrachloride	117		6.641				ND	7
55 1,1-Dichloropropene	75		6.641				ND	
57 Isobutyl alcohol	41		6.793				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	44	78824	9.76	
59 Benzene	78		6.903				ND	7
60 1,2-Dichloroethane	62		6.982				ND	
61 Isopropyl acetate	43		7.001				ND	
62 Tert-amyl methyl ether	73		7.104				ND	
63 1-Chlorobutane	56	7.311	7.250	0.061	33	11445	NC	
* 64 Fluorobenzene (IS)	96	7.317	7.318	-0.001	98	1913075	10.0	
65 n-Heptane	43		7.342				ND	
66 n-Butanol	56		7.702				ND	
67 Trichloroethene	95	7.817	7.811	0.006	98	82361	1.41	
68 t-Amyl alcohol	73		7.842				ND	
69 Methylcyclohexane	83		8.122				ND	
70 1,2-Dichloropropane	63		8.147				ND	
71 2-ethoxy-2-methyl butane	87		8.165				ND	
73 1,4-Dioxane	88		8.244				ND	
72 Methyl methacrylate	69		8.244				ND	
74 Dibromomethane	93		8.256				ND	
75 n-Propyl acetate	61		8.336				ND	
76 Dichlorobromomethane	83		8.500				ND	
77 2-Nitropropane	41		8.762				ND	
78 2-Chloroethyl vinyl ether	63		8.884				ND	
79 1-Bromo-2-chloroethane	63		8.896				ND	
80 cis-1,3-Dichloropropene	75		9.067				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.250				ND	
\$ 82 Toluene-d8 (Surr)	98	9.402	9.396	0.006	94	1912983	9.97	
83 Chloroacetonitrile	75		9.427				ND	
84 Toluene	92		9.482				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75		9.762				ND	
86 Ethyl methacrylate	69		9.835				ND	
87 1,1,2-Trichloroethane	97		9.969				ND	7
T 213 Aziridine TIC	42		10.000				ND	
T 93 Epichlorohydrin TIC	57		10.000				ND	
T 90 Isopropyl alcohol TIC	45	9.402	10.000	-0.598	23	2020	0.0106	7
T 95 Chloroacetaldehyde TIC	50		10.000				ND	
T 96 Monochloroacetic acid TIC	50	9.463	10.000	-0.537	1	528	0.002760	7
T 91 Decamethylcyclopentasiloxane TIC	73	9.402	10.000	-0.598	1	670	0.003502	7
T 94 2-Bromoethanol TIC	45	9.402	10.000	-0.598	13	2020	0.0106	7
T 88 2,3-Dibromopropene TIC	119	10.067	10.000	0.067	1	2272	0.0119	7
T 211 Propene oxide TIC	58		10.000				ND	
T 219 Methyl Isocyanate TIC	57		10.000				ND	
T 214 Carbonyl sulfide TIC	60	10.061	10.000	0.061	1	1337	0.006989	
T 92 Vinyl bromide TIC	106	11.164	10.000	1.164	1	363	0.001897	7
T 89 2-Chloroethanol TIC	44		10.000				ND	
T 220 1,2 Epoxybutane TIC	42	9.634	10.000	-0.366	1	206	0.001077	
T 221 Styrene oxide TIC	91	9.494	10.000	-0.506	1	2988	0.0156	
T 215 Diazomethane TIC	14		10.000				ND	
T 104 Ethylene oxide TIC	44		10.000				ND	
T 212 Phosgene TIC	63	9.396	10.000	-0.604	1	952	0.004976	
T 103 2,3-Dibromo-1-propanol TIC	57		10.000				ND	
T 97 Methyl acrylate TIC	55	9.396	10.000	-0.604	4	7365	0.0385	
T 216 Propionaldehyde TIC	58		10.000				ND	
T 100 3-Chloro-1,2-propanediol TIC	44	10.219	10.000	0.219	1	426	0.002227	7
T 217 bis(chloromethyl)ether TIC	93	10.055	10.000	0.055	1	355	0.001856	
T 99 Octamethylcyclotetrasiloxane TIC	78	12.006	10.000	2.006	83	11701	0.0612	7
T 223 Ethyl acrylate TIC	55	9.396	10.000	-0.604	29	7365	0.0385	
T 98 Hexachloroethane TIC	117	10.061	10.000	0.061	12	2649	0.0138	7
T 101 Epibromohydrin TIC	57		10.000				ND	
T 105 Nitrobenzene TIC	77	9.396	10.000	-0.604	6	1324	0.006921	7
T 222 Chloromethyl methyl ether TIC	45	9.402	10.000	-0.598	14	2020	0.0106	
T 102 2-Bromo-3-chloropropene TIC	75	10.920	10.000	0.920	4	23364	0.1221	7
T 218 1,2-Propyleneimine TIC	56		10.000				ND	
S 106 1,3-Dichloropropene, Total	100		10.060				ND	7
107 Tetrachloroethene	166	10.061	10.061	0.000	97	310877	4.79	
108 1,3-Dichloropropane	76		10.140				ND	
109 2-Hexanone	43		10.195				ND	
110 n-Butyl acetate	43		10.335				ND	
111 Chlorodibromomethane	129		10.360				ND	
112 Ethylene Dibromide	107		10.475				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.920	0.000	88	1360458	10.0	
114 1-Chlorohexane	91		10.939				ND	7
115 Chlorobenzene	112		10.951				ND	7
116 1,1,1,2-Tetrachloroethane	131		11.036				ND	
117 Ethylbenzene	91		11.042				ND	7
118 m-Xylene & p-Xylene	106		11.158				ND	7
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.494				ND	
121 Styrene	104		11.512				ND	
122 Bromoform	173		11.670				ND	
123 Isopropylbenzene	105		11.804				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
124 cis-1,4-Dichloro-2-butene	88		11.853				ND	U
125 Cyclohexanone	55		11.878				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.945	0.006	89	670104	9.71	
127 1,1,2,2-Tetrachloroethane	83		12.048				ND	
128 Bromobenzene	156		12.060				ND	
129 trans-1,4-Dichloro-2-butene	53		12.073				ND	
130 1,2,3-Trichloropropane	110		12.097				ND	
131 N-Propylbenzene	91		12.134				ND	
132 2-Chlorotoluene	126		12.207				ND	
133 1,3,5-Trimethylbenzene	105		12.274				ND	7
134 4-Chlorotoluene	126		12.304				ND	
135 tert-Butylbenzene	134		12.518				ND	
136 Pentachloroethane	167		12.548				ND	
137 1,2,4-Trimethylbenzene	105		12.560				ND	7
138 sec-Butylbenzene	105		12.682				ND	
139 1,3-Dichlorobenzene	146		12.780				ND	7
140 4-Isopropyltoluene	119		12.792				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.835	12.835	0.000	96	713403	10.0	
142 1,4-Dichlorobenzene	146		12.853				ND	7
143 1,2,3-Trimethylbenzene	120		12.865				ND	7
144 Benzyl chloride	126		12.932				ND	
145 p-Diethylbenzene	119		13.066				ND	
146 n-Butylbenzene	92		13.085				ND	
147 1,2-Dichlorobenzene	146		13.115				ND	
148 1,2-Dibromo-3-Chloropropane	155		13.658				ND	
149 Hexachloroethane	201		13.682				ND	
150 1,3,5-Trichlorobenzene	180		13.786				ND	
151 1,2,4-Trichlorobenzene	180		14.206				ND	
152 Hexachlorobutadiene	225		14.292				ND	
153 Naphthalene	128		14.383				ND	7
154 1,2,3-Trichlorobenzene	180		14.530				ND	7
155 tert-Butyl Formate	1		0.000				ND	
156 Dodecane	57		0.000				ND	
157 Pentane	43		0.000				ND	
158 1,1-Dichloroacetone	1		0.000				ND	
159 n-Decane	57		0.000				ND	
160 1-Bromo-3-Chloropropane	1		0.000				ND	
161 1-Chloropropane	1		0.000				ND	
162 Propene oxide	1		0.000				ND	
163 1,1-Dichloro-1-fluoroethane	1		0.000				ND	
164 Methylal	1		0.000				ND	
165 2-Bromo-1-chloropropane	1		0.000				ND	
166 1,1-Dichloro-1-fluoroethane TIC1			0.000				ND	
210 Ethyl acrylate	55		0.000				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 05-Dec-2025 07:09:00

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X60.D

Injection Date: 04-Dec-2025 01:04:30

Instrument ID: 19094

Operator ID: ncc117024

Lims ID: 410-254861-A-6

Lab Sample ID: 410-254861-6

Worklist Smp#: 11

Client ID: HD-COD-SW-15-0/1-0

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

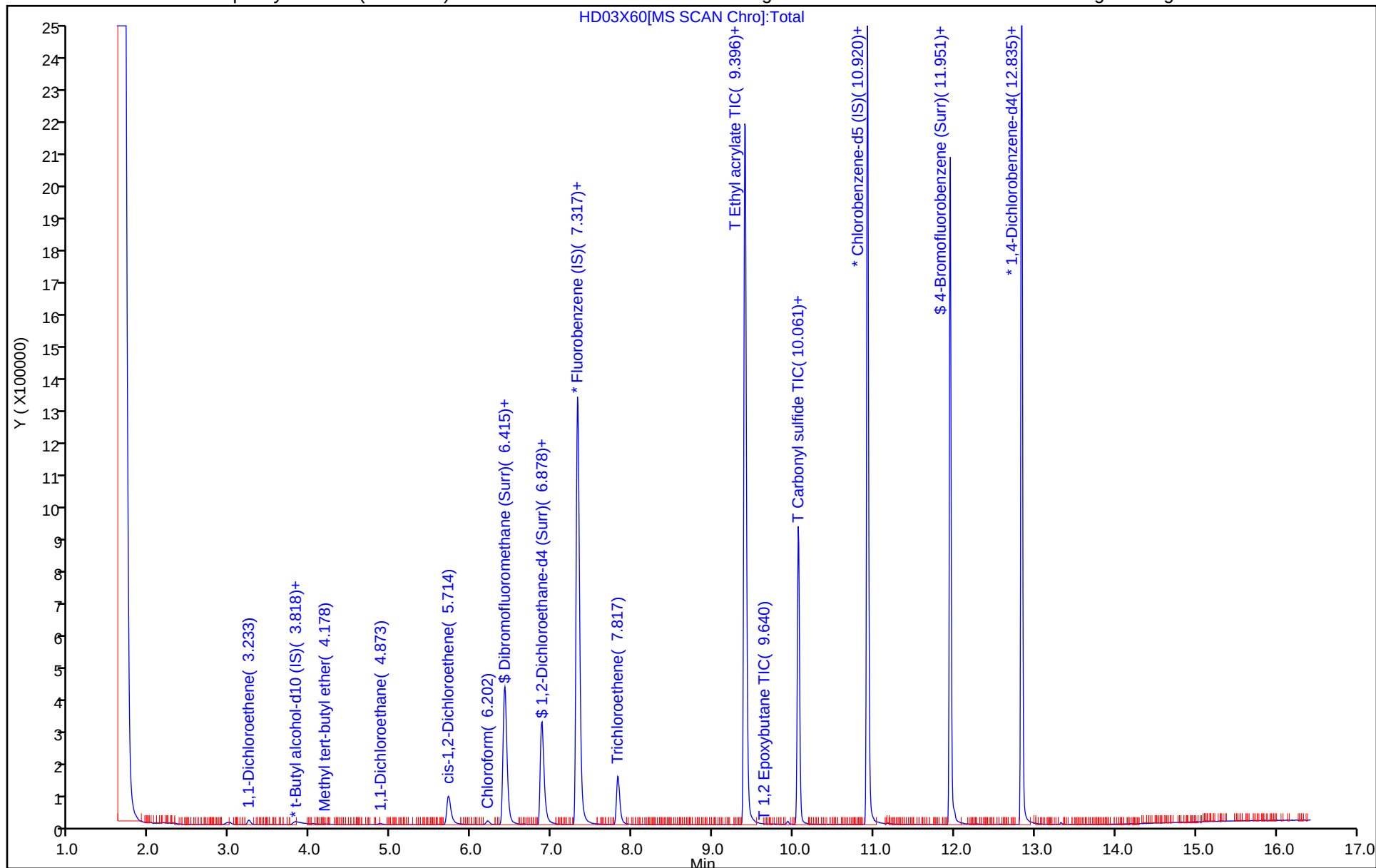
ALS Bottle#: 10

Method: MSV_19094_25mL

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\19094\20251203-168773.b\HD03X60.D
Lims ID: 410-254861-A-6
Client ID: HD-COD-SW-15-0/1-0
Sample Type: Client
Inject. Date: 04-Dec-2025 01:04:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168773-011
Operator ID: ncc117024 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 07:08:59 Calib Date: 27-Oct-2025 20:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 07:08:59

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	9.82	98.21
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	9.76	97.57
\$ 82 Toluene-d8 (Surr)	10.0	9.97	99.70
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.71	97.12

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X60.D

Injection Date: 04-Dec-2025 01:04:30

Instrument ID: 19094

Lims ID: 410-254861-A-6

Lab Sample ID: 410-254861-6

Client ID: HD-COD-SW-15-0/1-0

Operator ID: ncc117024

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 25.000 mL

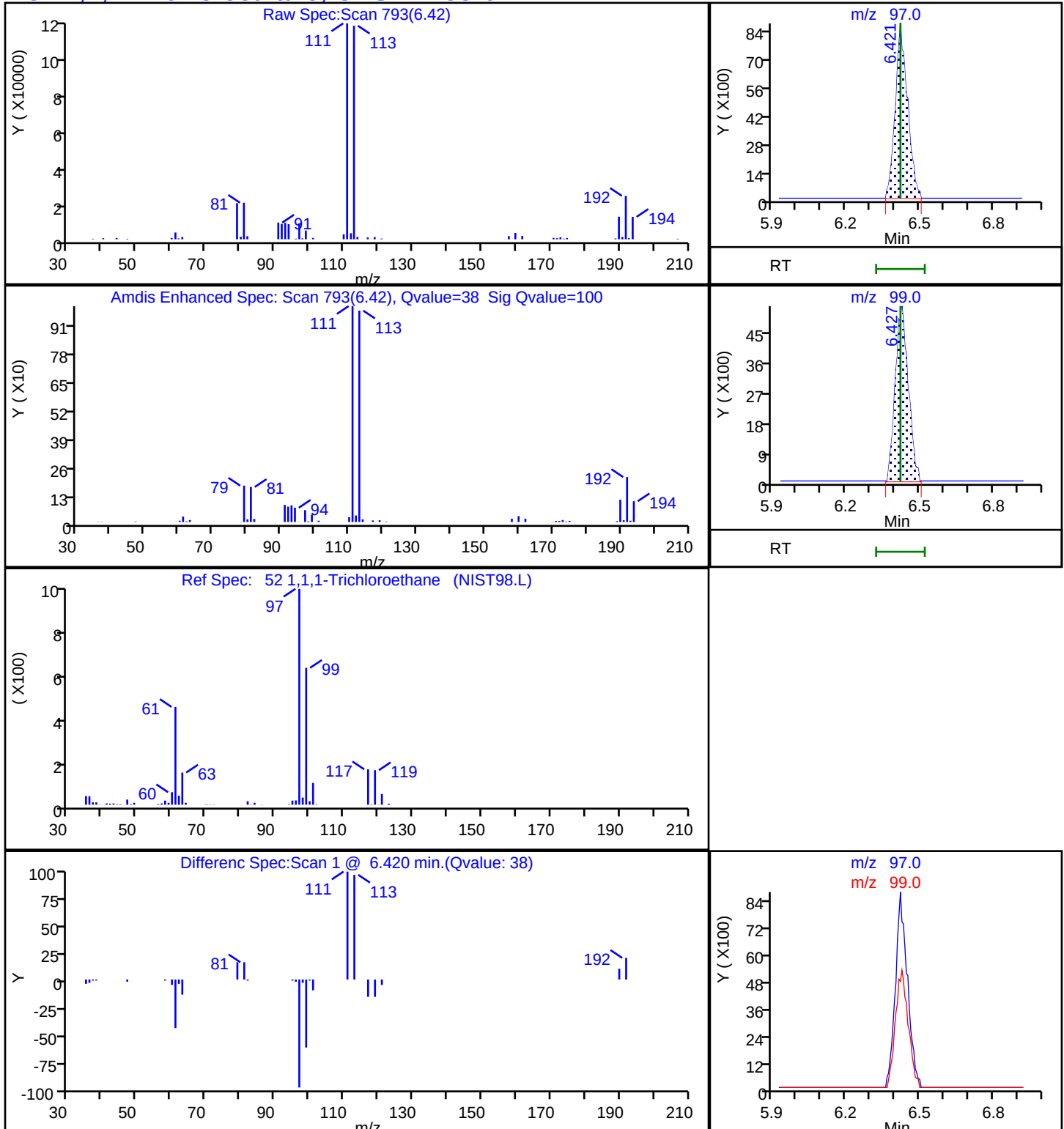
Dil. Factor: 1.0000

Method: MSV_19094_25mL

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X60.D

Injection Date: 04-Dec-2025 01:04:30

Instrument ID: 19094

Lims ID: 410-254861-A-6

Lab Sample ID: 410-254861-6

Client ID: HD-COD-SW-15-0/1-0

Operator ID: ncc117024

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 25.000 mL

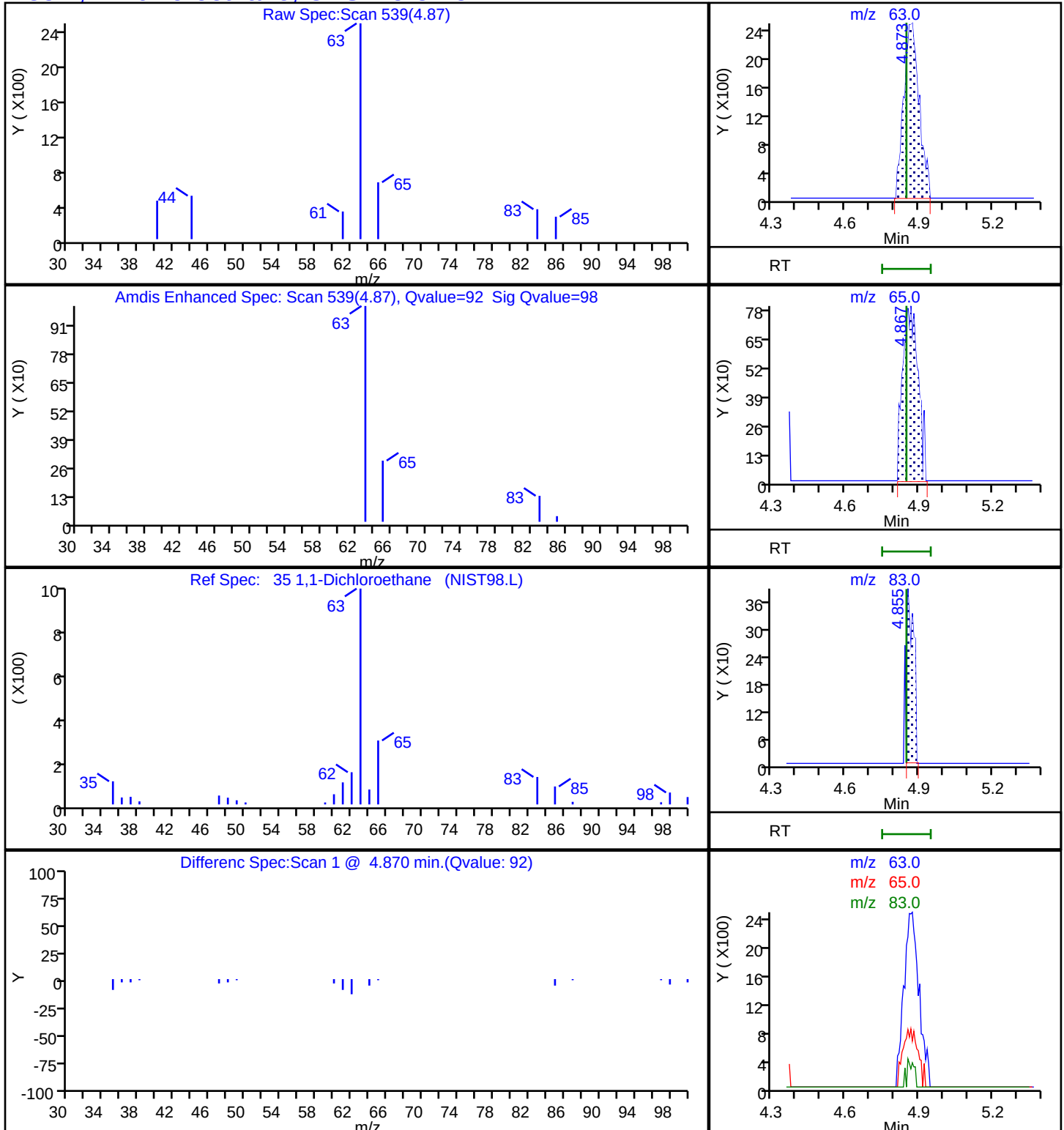
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

35 1,1-Dichloroethane, CAS: 75-34-3

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X60.D

Injection Date: 04-Dec-2025 01:04:30

Instrument ID: 19094

Lims ID: 410-254861-A-6

Lab Sample ID: 410-254861-6

Client ID: HD-COD-SW-15-0/1-0

Operator ID: ncc117024

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 25.000 mL

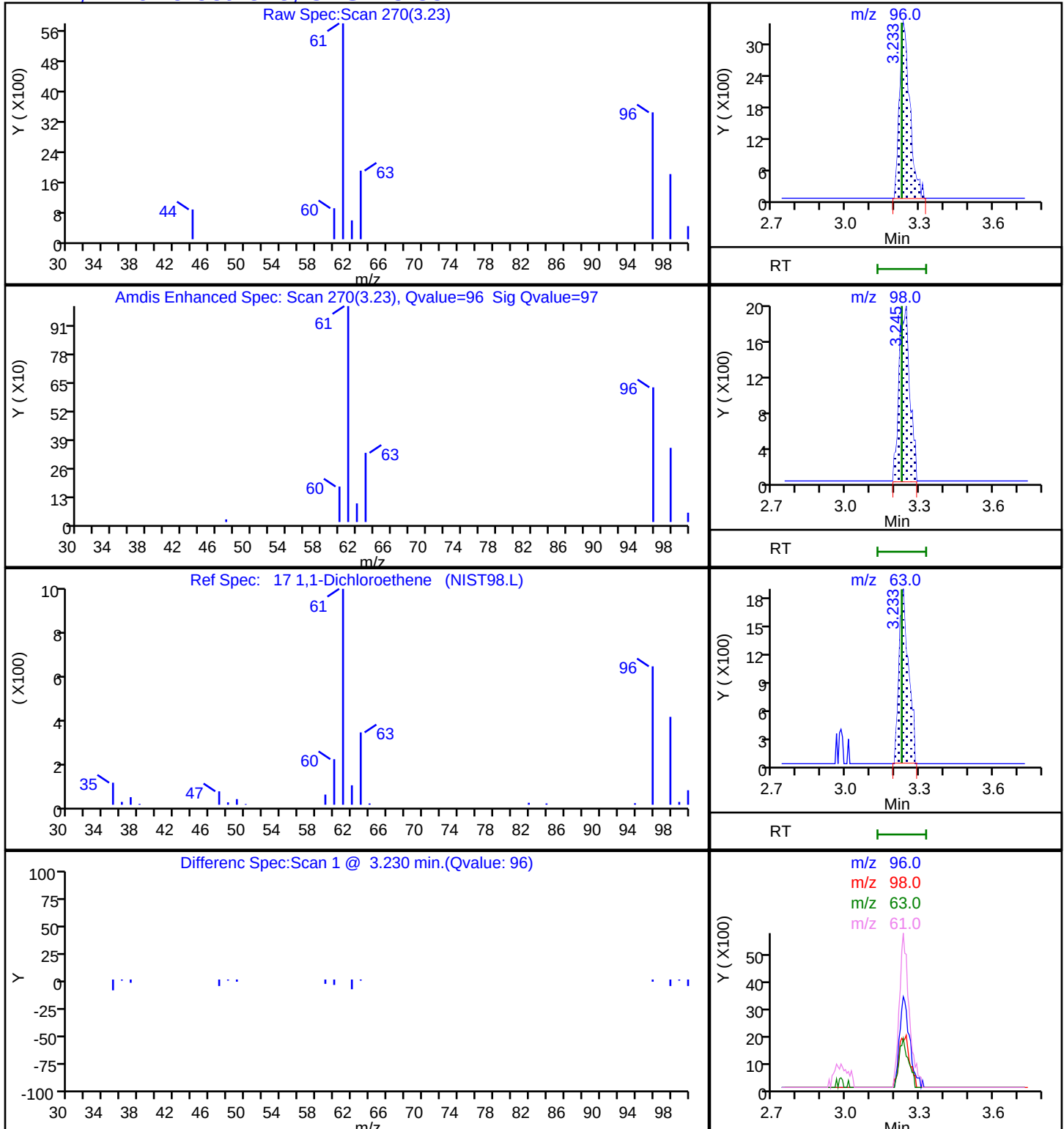
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

17 1,1-Dichloroethene, CAS: 75-35-4

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X60.D

Injection Date: 04-Dec-2025 01:04:30

Instrument ID: 19094

Lims ID: 410-254861-A-6

Lab Sample ID: 410-254861-6

Client ID: HD-COD-SW-15-0/1-0

Operator ID: ncc117024

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 25.000 mL

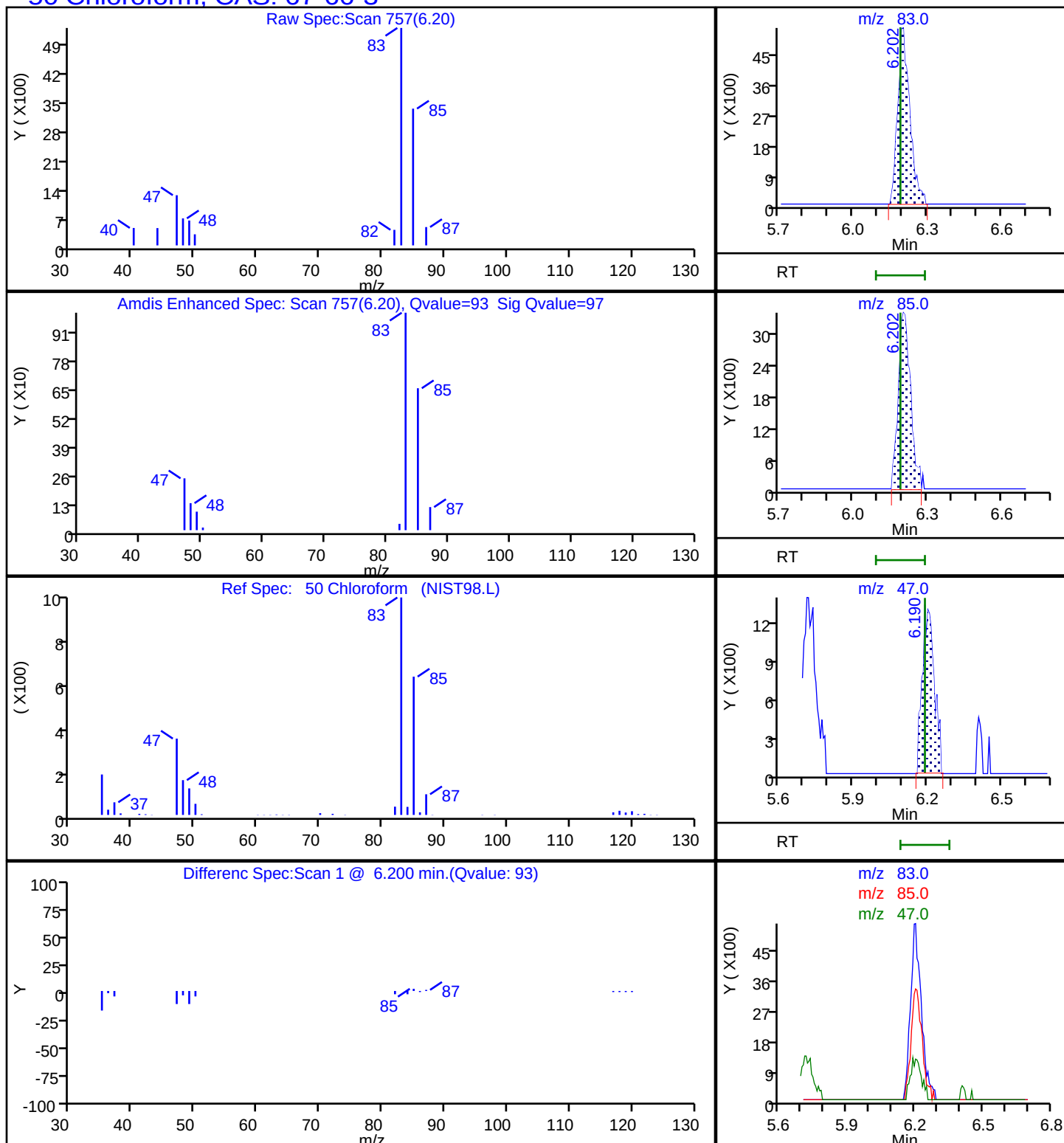
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

50 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X60.D

Injection Date: 04-Dec-2025 01:04:30

Instrument ID: 19094

Lims ID: 410-254861-A-6

Lab Sample ID: 410-254861-6

Client ID: HD-COD-SW-15-0/1-0

Operator ID: ncc117024

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 25.000 mL

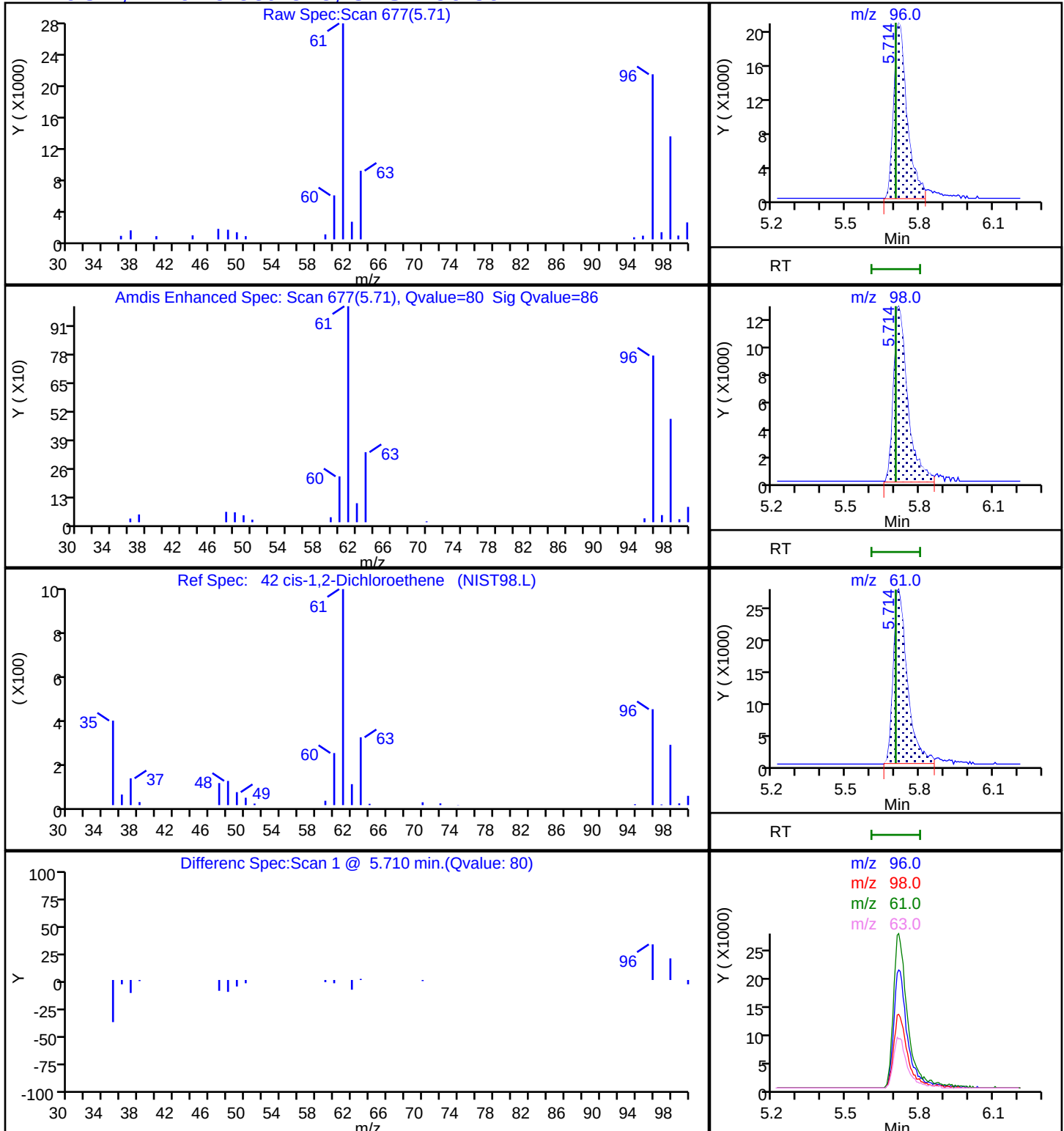
Dil. Factor: 1.0000

Method: MSV_19094_25mL

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\19094\20251203-168773.b\HD03X60.D

Injection Date: 04-Dec-2025 01:04:30

Instrument ID: 19094

Lims ID: 410-254861-A-6

Lab Sample ID: 410-254861-6

Client ID: HD-COD-SW-15-0/1-0

Operator ID: ncc117024

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 25.000 mL

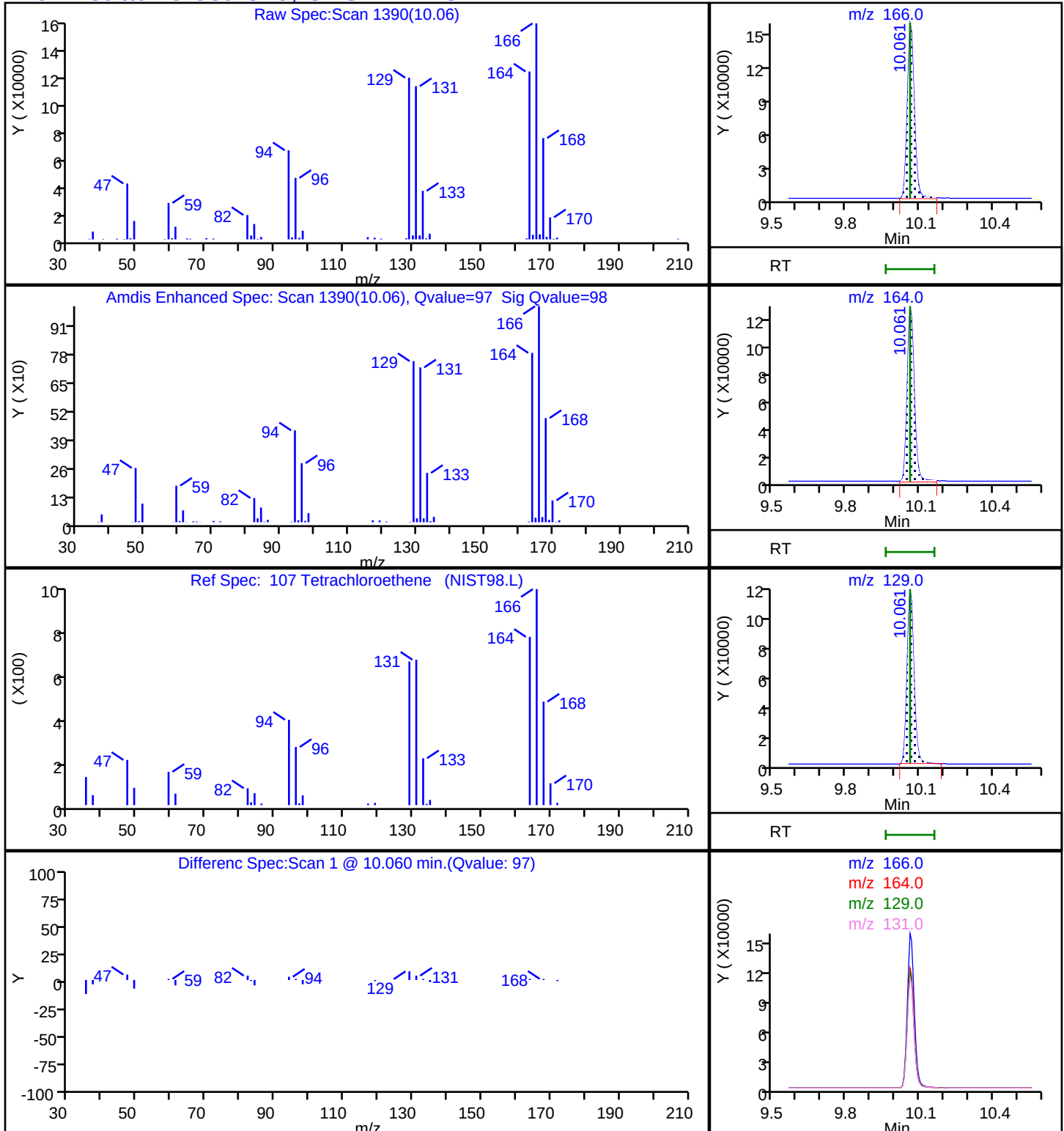
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

107 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X60.D

Injection Date: 04-Dec-2025 01:04:30

Instrument ID: 19094

Lims ID: 410-254861-A-6

Lab Sample ID: 410-254861-6

Client ID: HD-COD-SW-15-0/1-0

Operator ID: ncc117024

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 25.000 mL

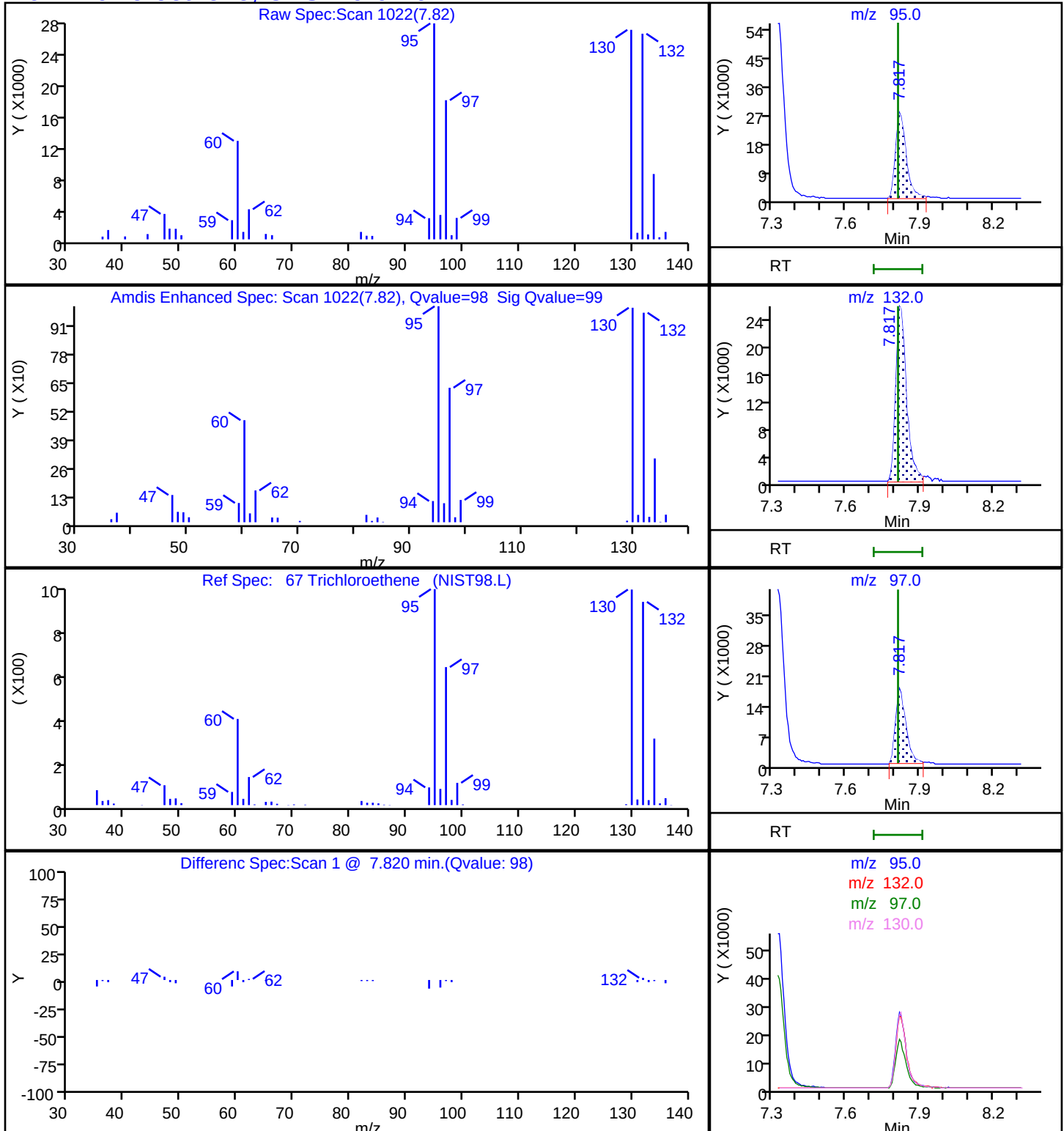
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID) x 30m

MS Quad

67 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID: HD-COD-SW-16-0/1-0

Lab Sample ID: 410-254861-7

Matrix: Water

Lab File ID: GD03X15.D

Analysis Method: 8260D

Date Collected: 11/24/2025 10:20

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 03:01

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738640

Units: ug/L

Preparation Batch No.:

Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.070
71-55-6	1,1,1-Trichloroethane	0.17	J	0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	ND		0.50	0.10
75-35-4	1,1-Dichloroethene	ND		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	1.7	J	5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	0.10	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	0.34	J	0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	2.6		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-16-0/1-0 Lab Sample ID: 410-254861-7

Matrix: Water Lab File ID: GD03X15.D

Analysis Method: 8260D Date Collected: 11/24/2025 10:20

Sample wt/vol: 25 (mL) Date Analyzed: 12/04/2025 03:01

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738640 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	0.42	J	0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		80-120
460-00-4	4-Bromofluorobenzene (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	96		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X15.D
 Lims ID: 410-254861-A-7
 Client ID: HD-COD-SW-16-0/1-0
 Sample Type: Client
 Inject. Date: 04-Dec-2025 03:01:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168772-016
 Operator ID: ncc117024 Instrument ID: 16334
 Method: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 07:01:56 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1693

First Level Reviewer: LT2Q

Date: 04-Dec-2025 16:41:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	2.129	2.123	0.006	95	2876	0.0558	
6 Vinyl chloride	62		2.239				ND	7
9 Bromomethane	94		2.562				ND	
10 Chloroethane	64		2.654				ND	
18 1,1-Dichloroethene	96		3.513				ND	
19 Acetone	43	3.562	3.550	0.012	90	5190	1.74	
24 Carbon disulfide	76	3.806	3.806	0.000	94	5204	0.0557	M
29 Methylene Chloride	84		4.178				ND	
* 30 t-Butyl alcohol-d10 (IS)	65	4.226	4.190	0.036	19	51535	50.0	
33 Methyl tert-butyl ether	73		4.586				ND	
34 trans-1,2-Dichloroethene	96		4.592				ND	
36 1,1-Dichloroethane	63		5.269				ND	
42 2-Butanone (MEK)	43		6.080				ND	
44 cis-1,2-Dichloroethene	96	6.104	6.104	0.000	77	12668	0.3417	
49 Chlorobromomethane	128		6.433				ND	
51 Chloroform	83	6.598	6.592	0.006	87	6411	0.1050	
\$ 52 Dibromofluoromethane (Surr)	113	6.811	6.811	0.000	94	372495	9.65	
53 1,1,1-Trichloroethane	97	6.817	6.817	0.000	36	9145	0.1696	
56 Carbon tetrachloride	117		7.025				ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.269	7.262	0.007	64	69576	9.66	
60 Benzene	78	7.293	7.293	0.000	41	2807	0.0202	7Ma
61 1,2-Dichloroethane	62		7.366				ND	
* 64 Fluorobenzene (IS)	96	7.701	7.701	0.000	99	1596328	10.0	
68 Trichloroethene	95	8.177	8.177	0.000	95	15580	0.4215	
70 1,2-Dichloropropane	63		8.512				ND	
76 Dichlorobromomethane	83		8.860				ND	
81 cis-1,3-Dichloropropene	75		9.408				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.591				ND	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.713	0.006	93	1541064	10.0	
84 Toluene	92	9.792	9.792	0.000	97	2724	0.0296	
105 trans-1,3-Dichloropropene	75		10.048				ND	
107 1,1,2-Trichloroethane	97		10.256				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
108 Tetrachloroethene	166	10.341	10.341	0.000	97	120344	2.64	
110 2-Hexanone	43		10.475				ND	7
112 Chlorodibromomethane	129		10.628				ND	
113 Ethylene Dibromide	107		10.737				ND	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.170	0.000	84	1197139	10.0	
116 Chlorobenzene	112		11.195				ND	
S 117 Xylenes, Total	106		11.245				ND	7
118 1,1,1,2-Tetrachloroethane	131		11.280				ND	
119 Ethylbenzene	91		11.286				ND	7
120 m-Xylene & p-Xylene	106		11.396				ND	7
121 o-Xylene	106		11.725				ND	
122 Styrene	104		11.743				ND	
123 Bromoform	173		11.896				ND	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	93	553271	9.98	
128 1,1,2,2-Tetrachloroethane	83		12.274				ND	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	649704	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_29_826ISS_00066

Amount Added: 1.20

Units: uL

Run Reagent

Report Date: 05-Dec-2025 07:01:57

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X15.D

Injection Date: 04-Dec-2025 03:01:30

Instrument ID: 16334

Operator ID: ncc117024

Lims ID: 410-254861-A-7

Lab Sample ID: 410-254861-7

Worklist Smp#: 16

Client ID: HD-COD-SW-16-0/1-0

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

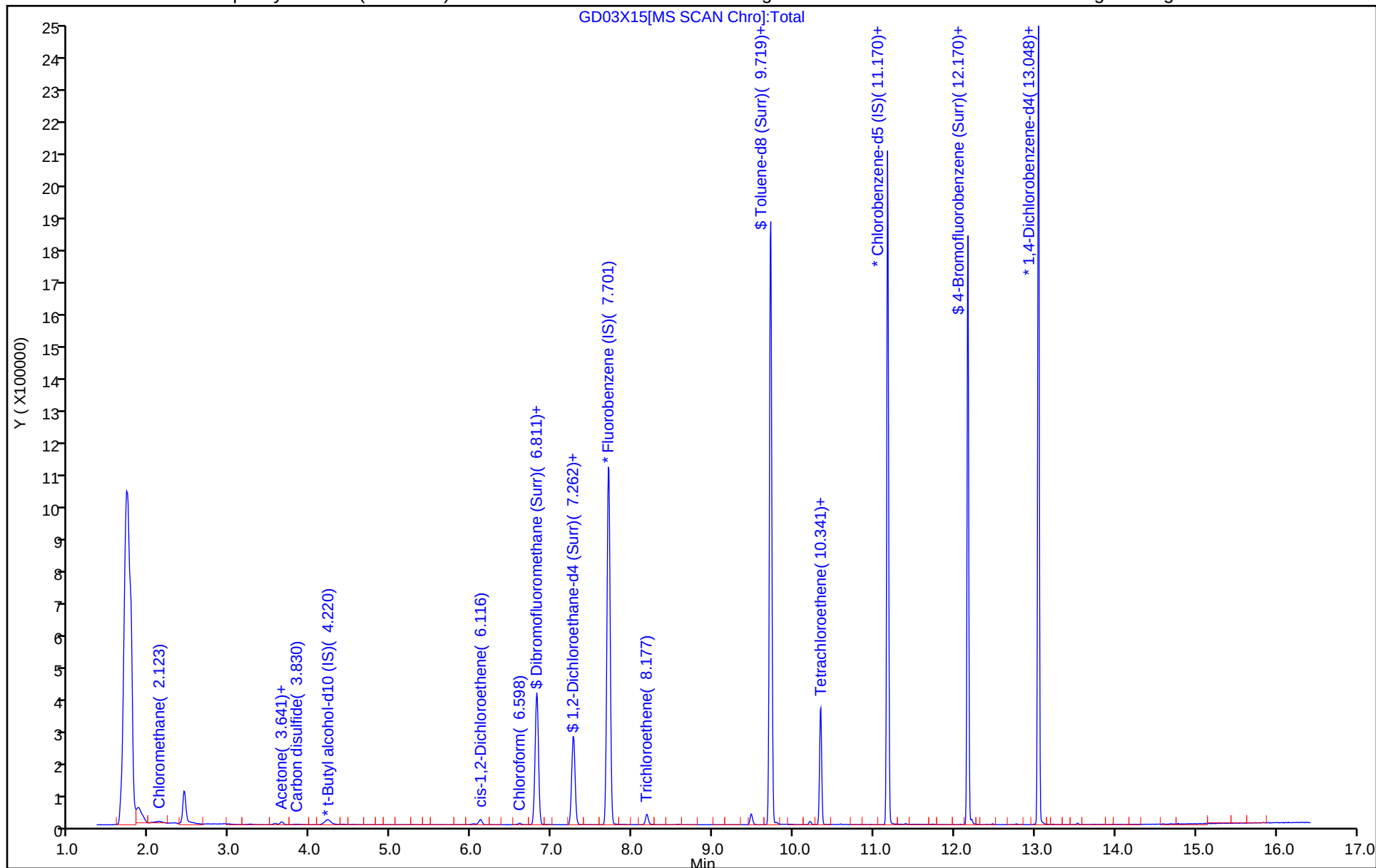
ALS Bottle#: 15

Method: MSV_16334_25mL

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\16334\20251203-168772.b\GD03X15.D
Lims ID: 410-254861-A-7
Client ID: HD-COD-SW-16-0/1-0
Sample Type: Client
Inject. Date: 04-Dec-2025 03:01:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168772-016
Operator ID: ncc117024 Instrument ID: 16334
Method: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\MSV_16334_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 07:01:56 Calib Date: 25-Nov-2025 04:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: LT2Q

Date: 04-Dec-2025 16:41:02

Compound	Amount Added	Amount Recovered	% Rec.
\$ 52 Dibromofluoromethane (Surr)	10.0	9.65	96.48
\$ 59 1,2-Dichloroethane-d4 (Surr)	10.0	9.66	96.57
\$ 83 Toluene-d8 (Surr)	10.0	10.0	100.02
\$ 127 4-Bromofluorobenzene (Surr)	10.0	9.98	99.83

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X15.D

Injection Date: 04-Dec-2025 03:01:30

Instrument ID: 16334

Lims ID: 410-254861-A-7

Lab Sample ID: 410-254861-7

Client ID: HD-COD-SW-16-0/1-0

Operator ID: ncc117024

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 25.000 mL

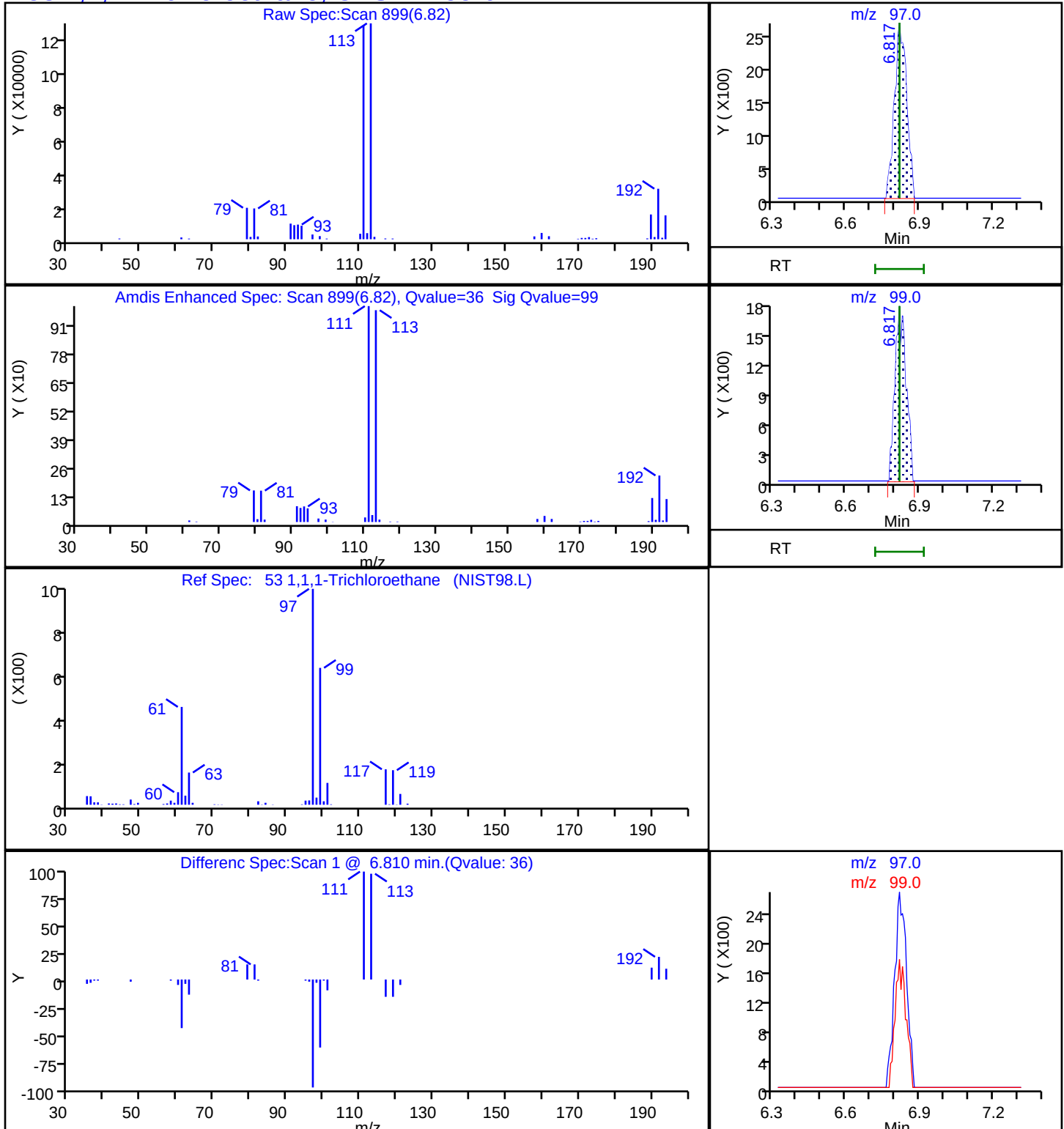
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID) x 100m

MS Quad

53 1,1,1-Trichloroethane, CAS: 71-55-6

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X15.D

Injection Date: 04-Dec-2025 03:01:30

Instrument ID: 16334

Lims ID: 410-254861-A-7

Lab Sample ID: 410-254861-7

Client ID: HD-COD-SW-16-0/1-0

Operator ID: ncc117024

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 25.000 mL

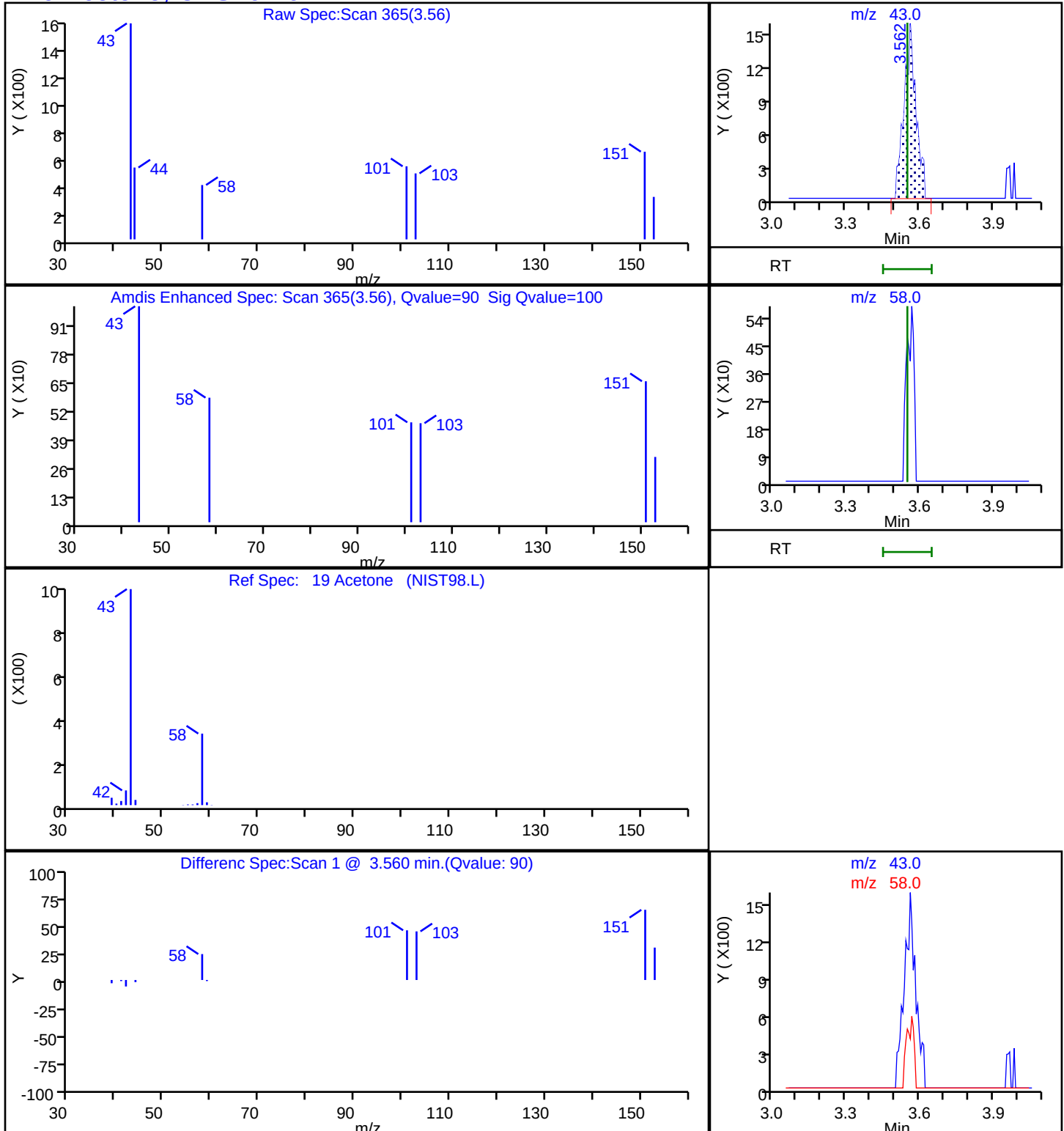
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID) x 150m

MS Quad

19 Acetone, CAS: 67-64-1

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X15.D

Injection Date: 04-Dec-2025 03:01:30

Instrument ID: 16334

Lims ID: 410-254861-A-7

Lab Sample ID: 410-254861-7

Client ID: HD-COD-SW-16-0/1-0

Operator ID: ncc117024

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 25.000 mL

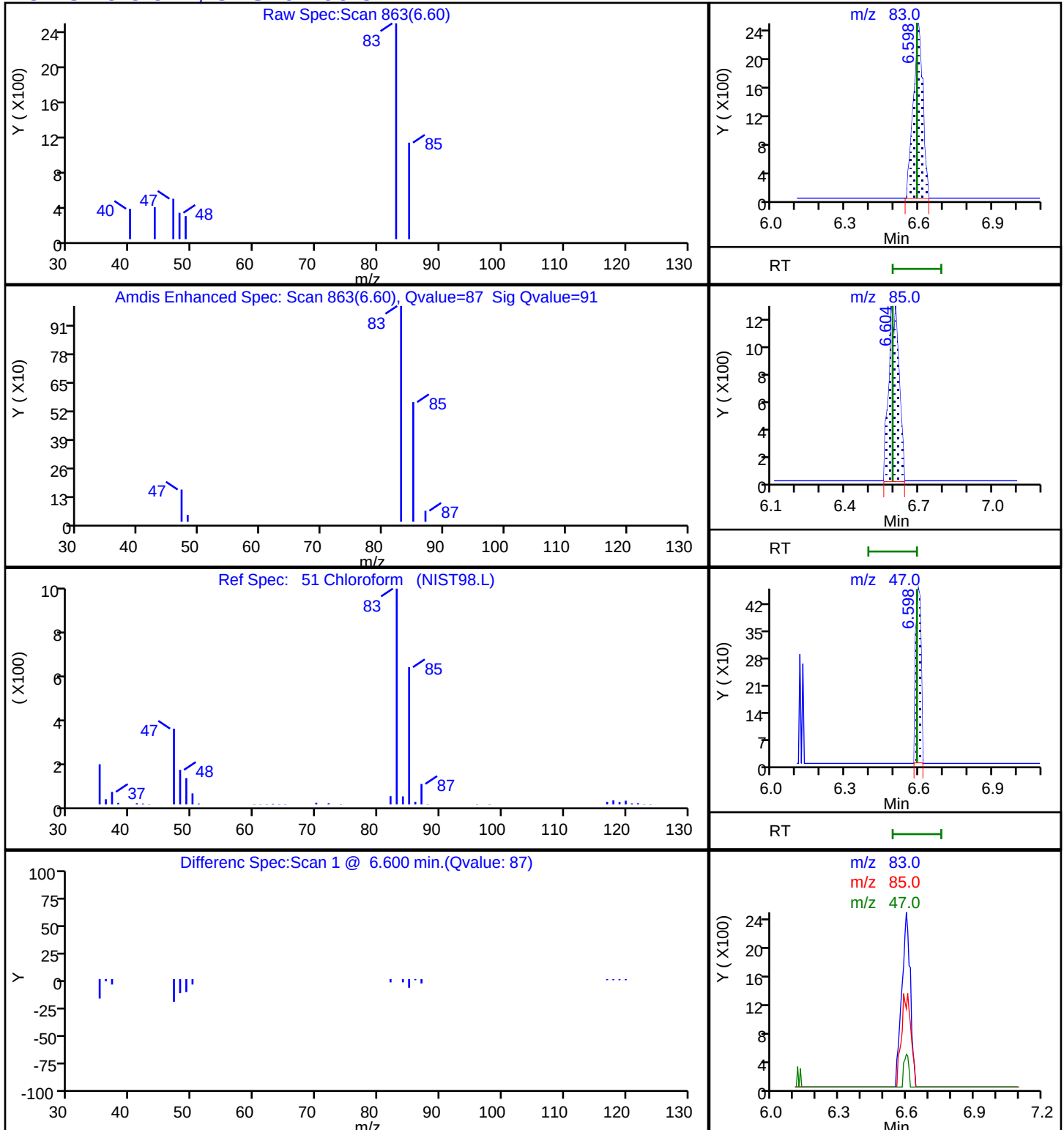
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

51 Chloroform, CAS: 67-66-3

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X15.D

Injection Date: 04-Dec-2025 03:01:30

Instrument ID: 16334

Lims ID: 410-254861-A-7

Lab Sample ID: 410-254861-7

Client ID: HD-COD-SW-16-0/1-0

Operator ID: ncc117024

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 25.000 mL

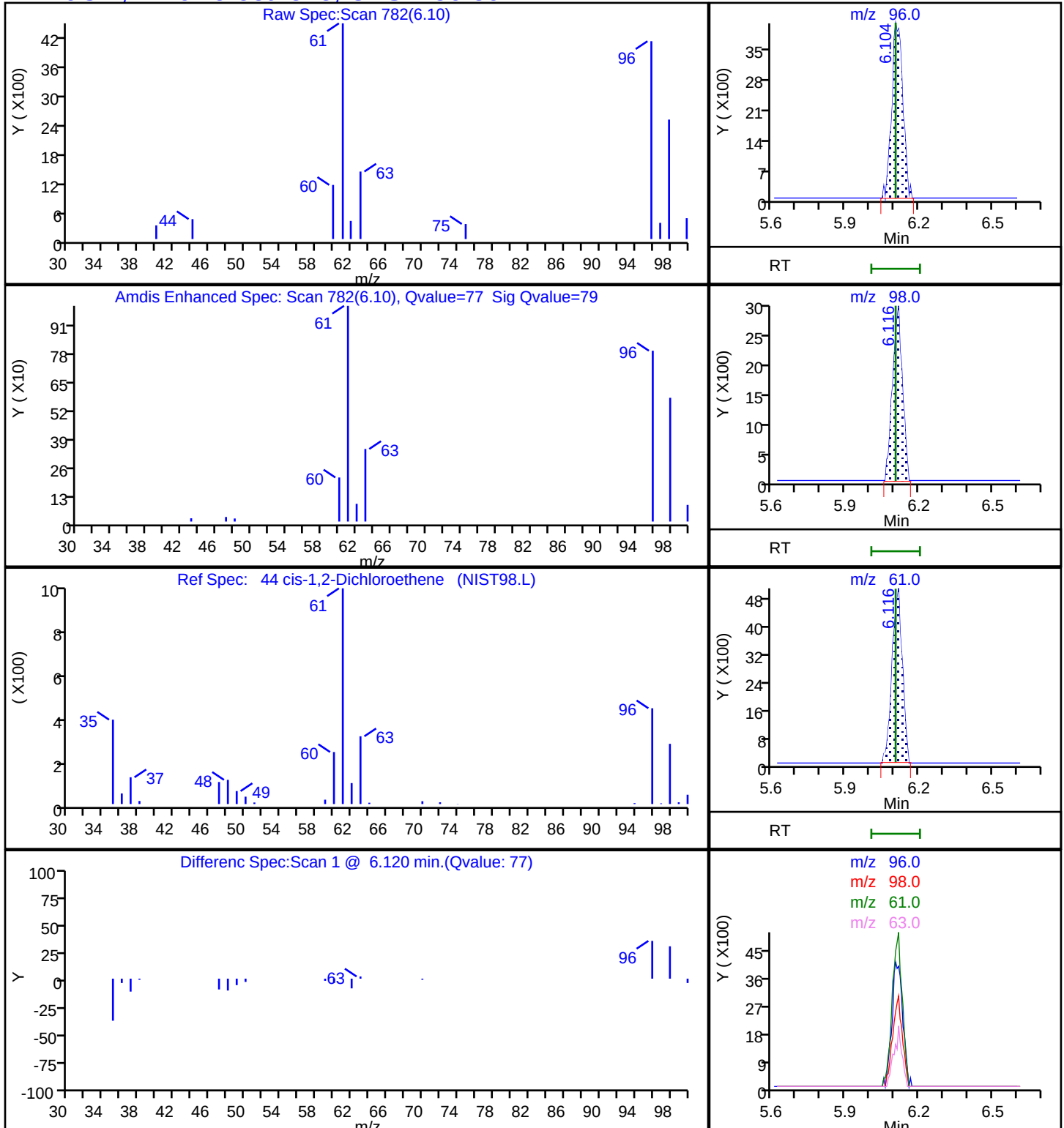
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

44 cis-1,2-Dichloroethene, CAS: 156-59-2

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X15.D

Injection Date: 04-Dec-2025 03:01:30

Instrument ID: 16334

Lims ID: 410-254861-A-7

Lab Sample ID: 410-254861-7

Client ID: HD-COD-SW-16-0/1-0

Operator ID: ncc117024

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 25.000 mL

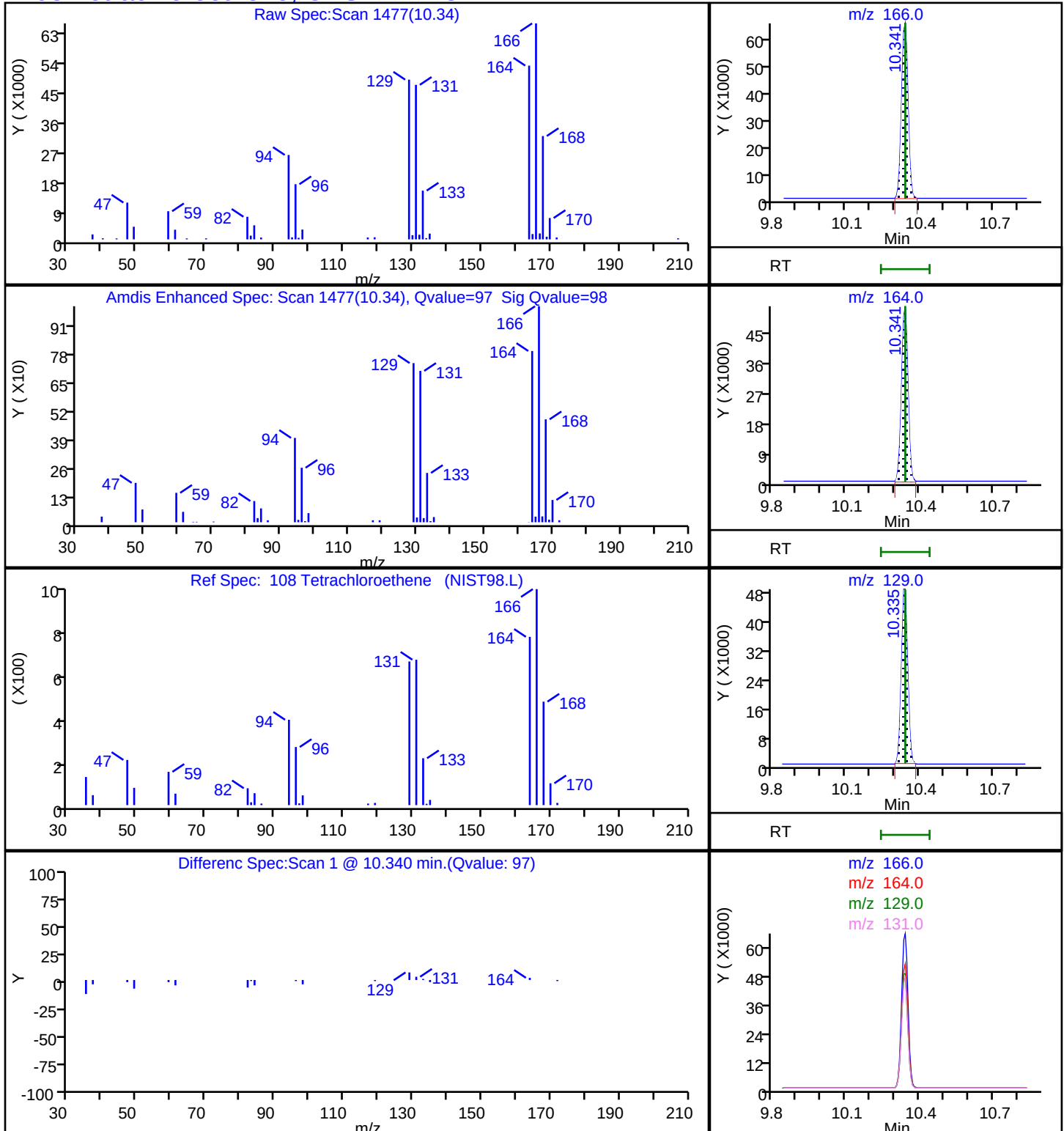
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

108 Tetrachloroethene, CAS: 127-18-4

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X15.D

Injection Date: 04-Dec-2025 03:01:30

Instrument ID: 16334

Lims ID: 410-254861-A-7

Lab Sample ID: 410-254861-7

Client ID: HD-COD-SW-16-0/1-0

Operator ID: ncc117024

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 25.000 mL

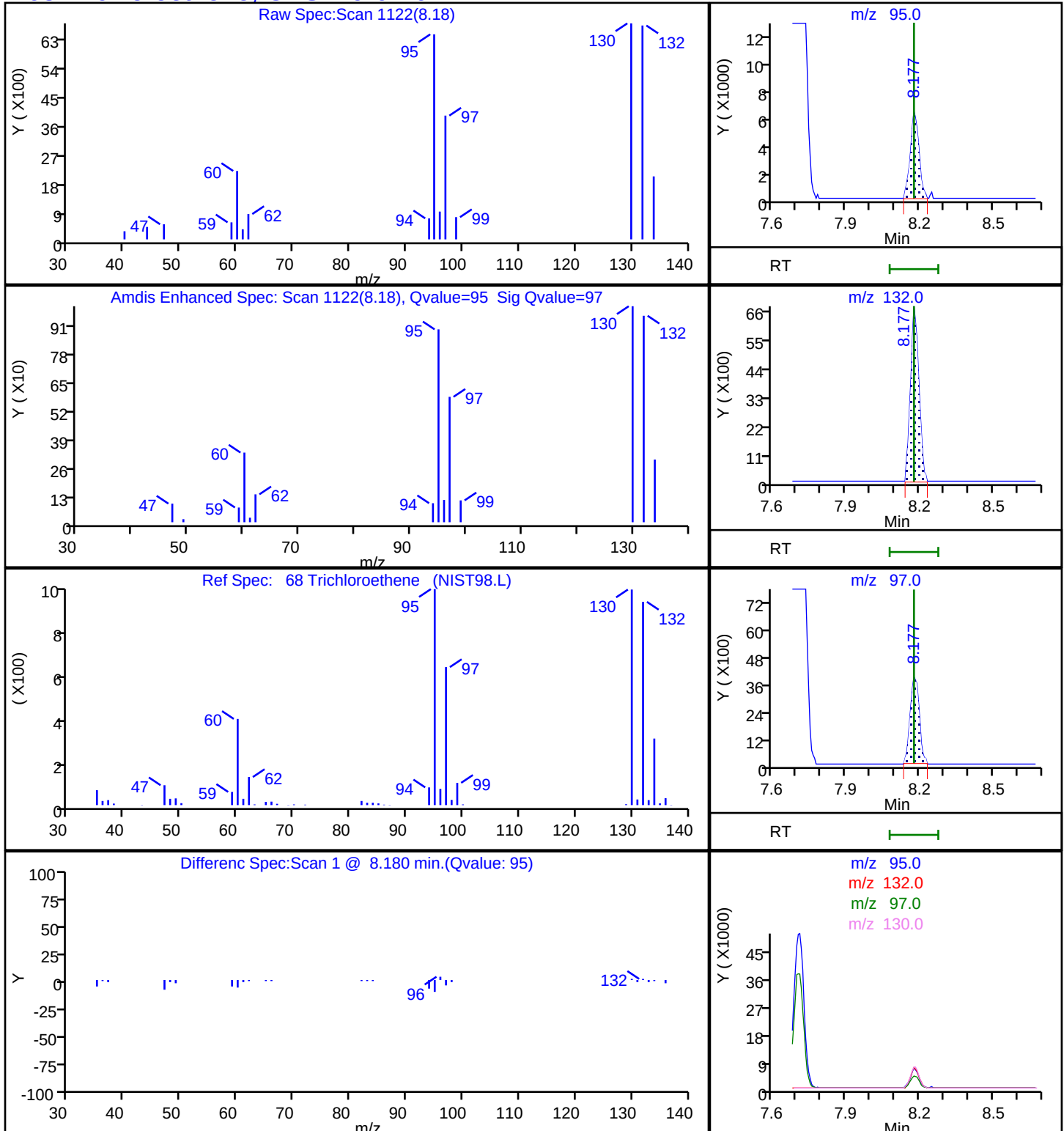
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID) x 150m

MS Quad

68 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

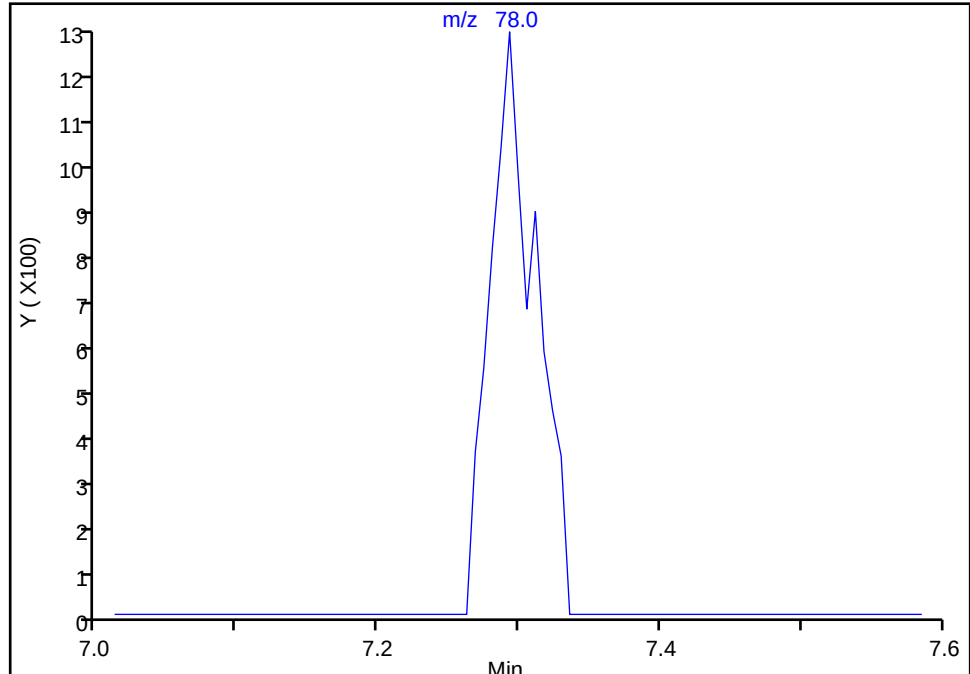
Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X15.D
Injection Date: 04-Dec-2025 03:01:30 Instrument ID: 16334
Lims ID: 410-254861-A-7 Lab Sample ID: 410-254861-7
Client ID: HD-COD-SW-16-0/1-0
Operator ID: ncc117024 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

60 Benzene, CAS: 71-43-2

Signal: 1

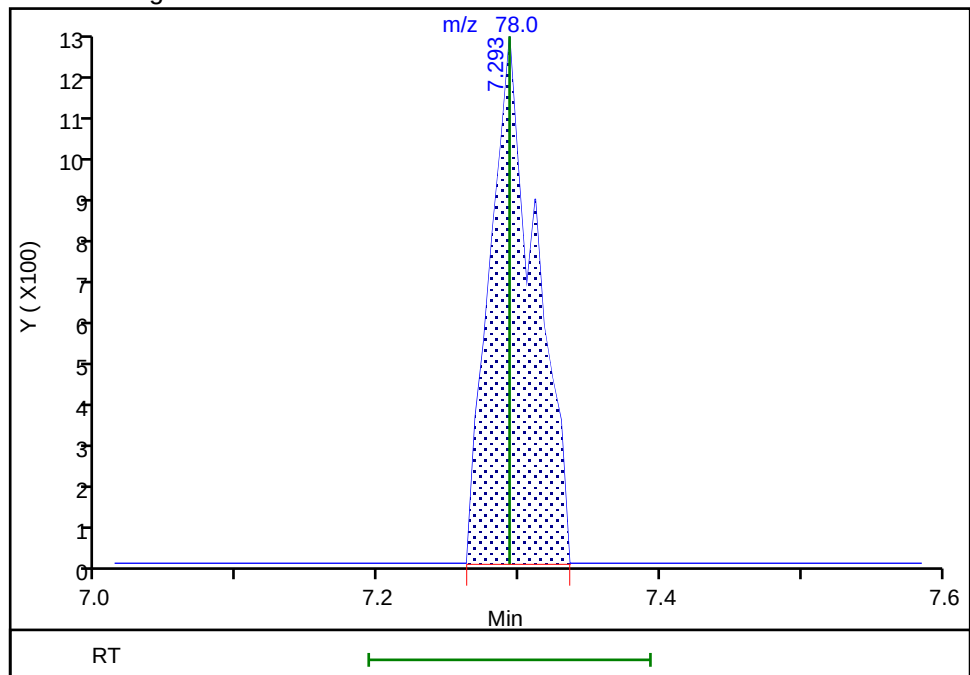
Not Detected
Expected RT: 7.29

Processing Integration Results



RT: 7.29
Area: 2807
Amount: 0.020234
Amount Units: ug/l

Manual Integration Results



Reviewer: FQ4L, 05-Dec-2025 07:01:41 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

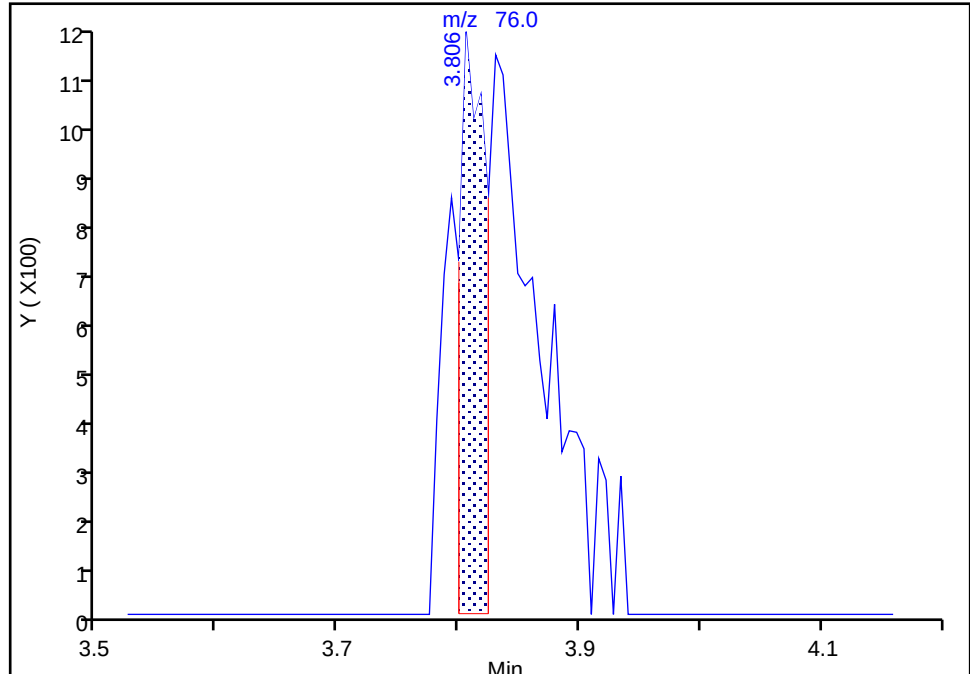
Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X15.D
Injection Date: 04-Dec-2025 03:01:30 Instrument ID: 16334
Lims ID: 410-254861-A-7 Lab Sample ID: 410-254861-7
Client ID: HD-COD-SW-16-0/1-0
Operator ID: ncc117024 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL 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

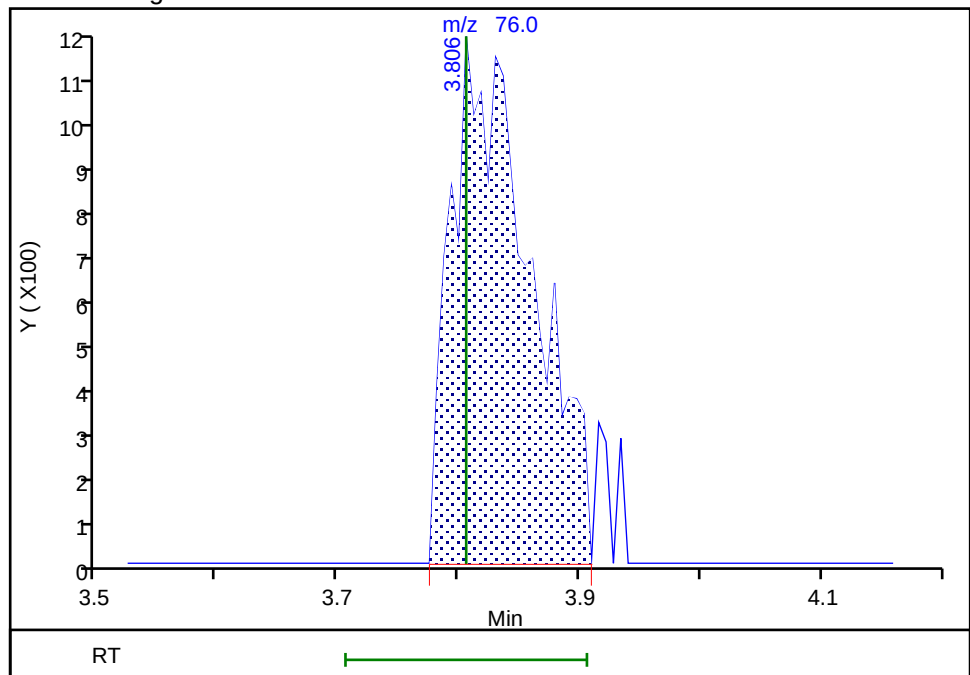
RT: 3.81
Area: 1683
Amount: 0.018005
Amount Units: ug/l

Processing Integration Results



RT: 3.81
Area: 5204
Amount: 0.055673
Amount Units: ug/l

Manual Integration Results



Reviewer: LT2Q, 04-Dec-2025 16:40:11 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID: HD-COD-SW-17-0/1-0

Lab Sample ID: 410-254861-8

Matrix: Water

Lab File ID: GD03X16.D

Analysis Method: 8260D

Date Collected: 11/24/2025 10:32

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 03:23

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738640

Units: ug/L

Preparation Batch No.:

Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.070
71-55-6	1,1,1-Trichloroethane	12		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	2.1		0.50	0.10
75-35-4	1,1-Dichloroethene	0.94		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	0.18	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	2.8		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
108-88-3	Toluene	ND		0.50	0.080

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-17-0/1-0 Lab Sample ID: 410-254861-8

Matrix: Water Lab File ID: GD03X16.D

Analysis Method: 8260D Date Collected: 11/24/2025 10:32

Sample wt/vol: 25 (mL) Date Analyzed: 12/04/2025 03:23

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738640 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	4.6		0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		80-120
460-00-4	4-Bromofluorobenzene (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		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\16334\20251203-168772.b\GD03X16.D
 Lims ID: 410-254861-A-8
 Client ID: HD-COD-SW-17-0/1-0
 Sample Type: Client
 Inject. Date: 04-Dec-2025 03:23:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168772-017
 Operator ID: ncc117024 Instrument ID: 16334
 Method: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 04-Dec-2025 16:42:51 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1715

First Level Reviewer: LT2Q

Date: 04-Dec-2025 16:42:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		2.123				ND	
6 Vinyl chloride	62		2.239				ND	7
9 Bromomethane	94		2.562				ND	
10 Chloroethane	64		2.654				ND	
18 1,1-Dichloroethene	96	3.519	3.513	0.006	96	26861	0.9359	
19 Acetone	43		3.550				ND	
24 Carbon disulfide	76		3.806				ND	7
29 Methylene Chloride	84		4.178				ND	
* 30 t-Butyl alcohol-d10 (IS)	65	4.226	4.190	0.036	25	56300	50.0	
33 Methyl tert-butyl ether	73		4.586				ND	7
34 trans-1,2-Dichloroethene	96	4.623	4.592	0.031	91	1241	0.0349	M
36 1,1-Dichloroethane	63	5.281	5.269	0.012	96	117026	2.09	
42 2-Butanone (MEK)	43		6.080				ND	
44 cis-1,2-Dichloroethene	96	6.122	6.104	0.018	76	103568	2.80	
49 Chlorobromomethane	128		6.433				ND	
51 Chloroform	83	6.598	6.592	0.006	91	11208	0.1840	
\$ 52 Dibromofluoromethane (Surr)	113	6.817	6.811	0.006	93	376606	9.78	
53 1,1,1-Trichloroethane	97	6.824	6.817	0.007	97	648207	12.1	
56 Carbon tetrachloride	117		7.025				ND	7
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.275	7.262	0.013	63	67315	9.37	
60 Benzene	78		7.293				ND	
61 1,2-Dichloroethane	62		7.366				ND	
* 64 Fluorobenzene (IS)	96	7.708	7.701	0.007	99	1591921	10.0	
68 Trichloroethene	95	8.183	8.177	0.006	97	171353	4.65	
70 1,2-Dichloropropane	63		8.512				ND	
76 Dichlorobromomethane	83		8.860				ND	
81 cis-1,3-Dichloropropene	75		9.408				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.591				ND	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.713	0.006	93	1530279	10.1	
84 Toluene	92		9.792				ND	7
105 trans-1,3-Dichloropropene	75		10.048				ND	
107 1,1,2-Trichloroethane	97		10.256				ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
108 Tetrachloroethene	166	10.341	10.341	0.000	96	7987037	178.0	E
110 2-Hexanone	43		10.475				ND	
112 Chlorodibromomethane	129		10.628				ND	
113 Ethylene Dibromide	107		10.737				ND	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.170	0.000	84	1178167	10.0	
116 Chlorobenzene	112		11.195				ND	
S 117 Xylenes, Total	106		11.245				ND	7
118 1,1,1,2-Tetrachloroethane	131		11.280				ND	
119 Ethylbenzene	91		11.286				ND	
120 m-Xylene & p-Xylene	106		11.396				ND	7
121 o-Xylene	106		11.725				ND	
122 Styrene	104		11.743				ND	
123 Bromoform	173		11.896				ND	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	94	553574	10.1	
128 1,1,2,2-Tetrachloroethane	83		12.274				ND	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	646684	10.0	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

MSV_29_826ISS_00066

Amount Added: 1.20

Units: uL

Run Reagent

Report Date: 04-Dec-2025 16:42:52

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X16.D

Injection Date: 04-Dec-2025 03:23:30

Instrument ID: 16334

Operator ID: ncc117024

Lims ID: 410-254861-A-8

Lab Sample ID: 410-254861-8

Worklist Smp#: 17

Client ID: HD-COD-SW-17-0/1-0

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

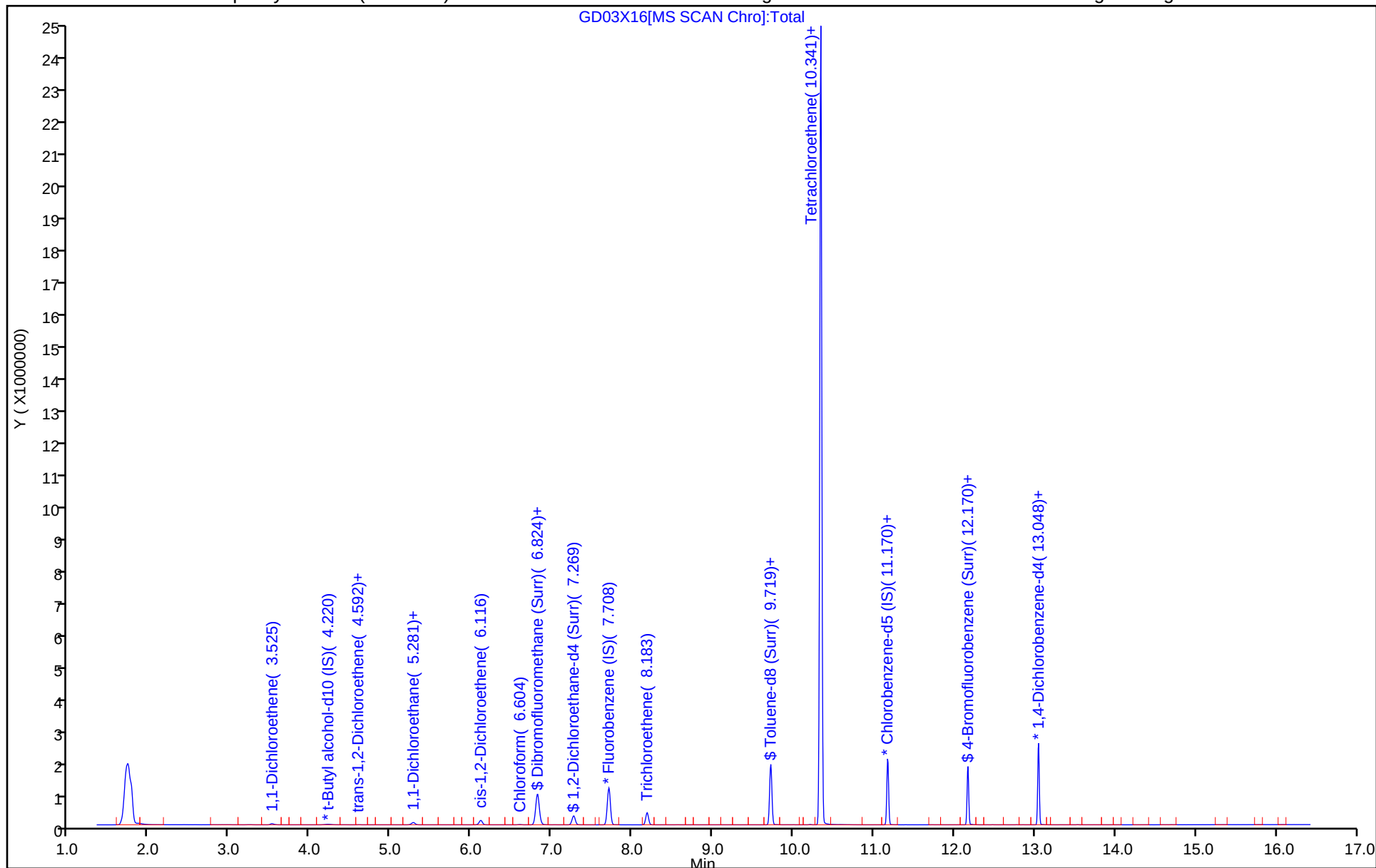
ALS Bottle#: 16

Method: MSV_16334_25mL

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\16334\20251203-168772.b\GD03X16.D
Lims ID: 410-254861-A-8
Client ID: HD-COD-SW-17-0/1-0
Sample Type: Client
Inject. Date: 04-Dec-2025 03:23:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168772-017
Operator ID: ncc117024 Instrument ID: 16334
Method: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\MSV_16334_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 04-Dec-2025 16:42:51 Calib Date: 25-Nov-2025 04:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1715

First Level Reviewer: LT2Q

Date: 04-Dec-2025 16:42:51

Compound	Amount Added	Amount Recovered	% Rec.
\$ 52 Dibromofluoromethane (Surr)	10.0	9.78	97.82
\$ 59 1,2-Dichloroethane-d4 (Surr)	10.0	9.37	93.69
\$ 83 Toluene-d8 (Surr)	10.0	10.1	100.92
\$ 127 4-Bromofluorobenzene (Surr)	10.0	10.1	101.49

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X16.D

Injection Date: 04-Dec-2025 03:23:30

Instrument ID: 16334

Lims ID: 410-254861-A-8

Lab Sample ID: 410-254861-8

Client ID: HD-COD-SW-17-0/1-0

Operator ID: ncc117024

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 25.000 mL

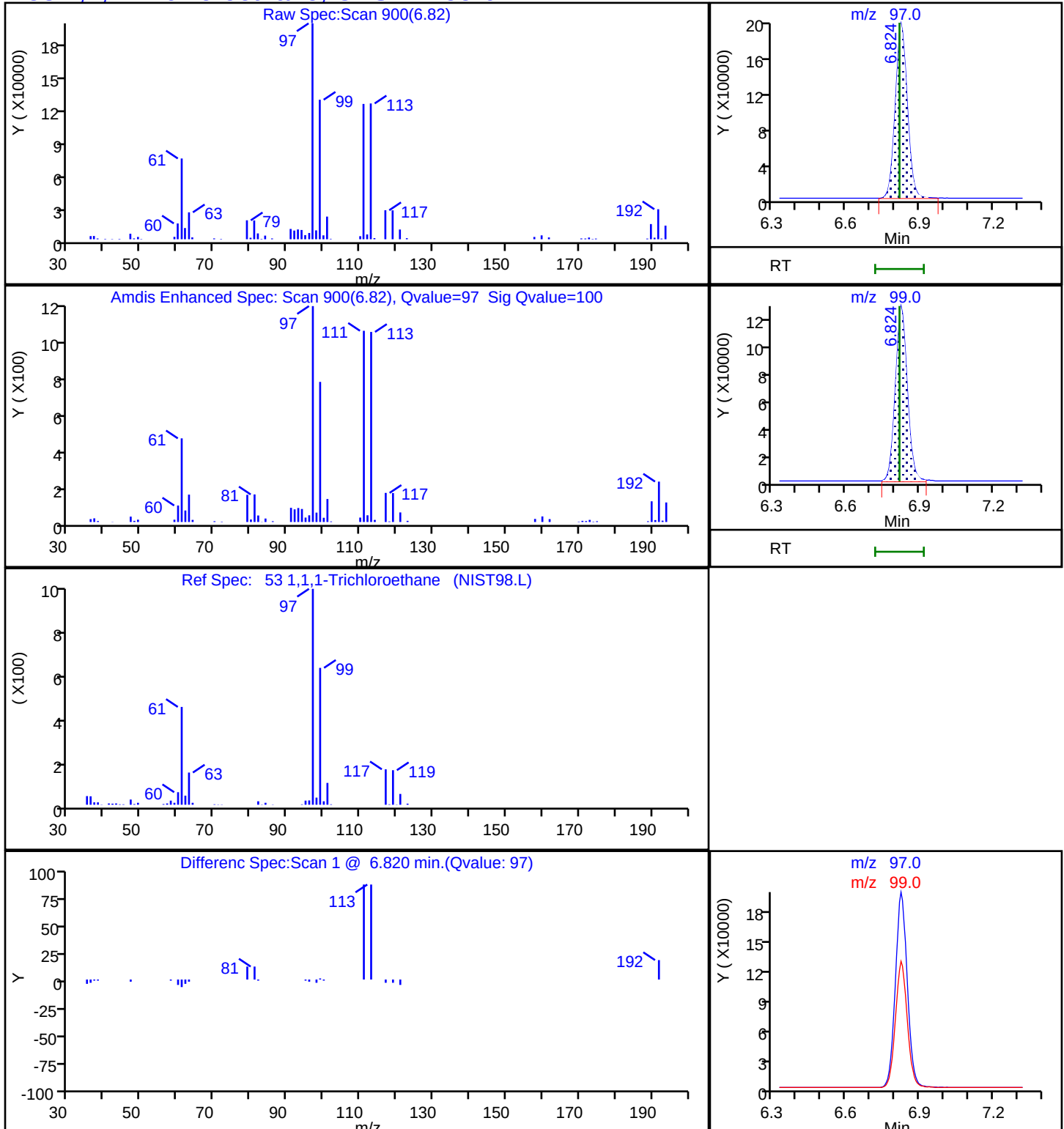
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID) x 30m

MS Quad

53 1,1,1-Trichloroethane, CAS: 71-55-6

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X16.D

Injection Date: 04-Dec-2025 03:23:30

Instrument ID: 16334

Lims ID: 410-254861-A-8

Lab Sample ID: 410-254861-8

Client ID: HD-COD-SW-17-0/1-0

Operator ID: ncc117024

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 25.000 mL

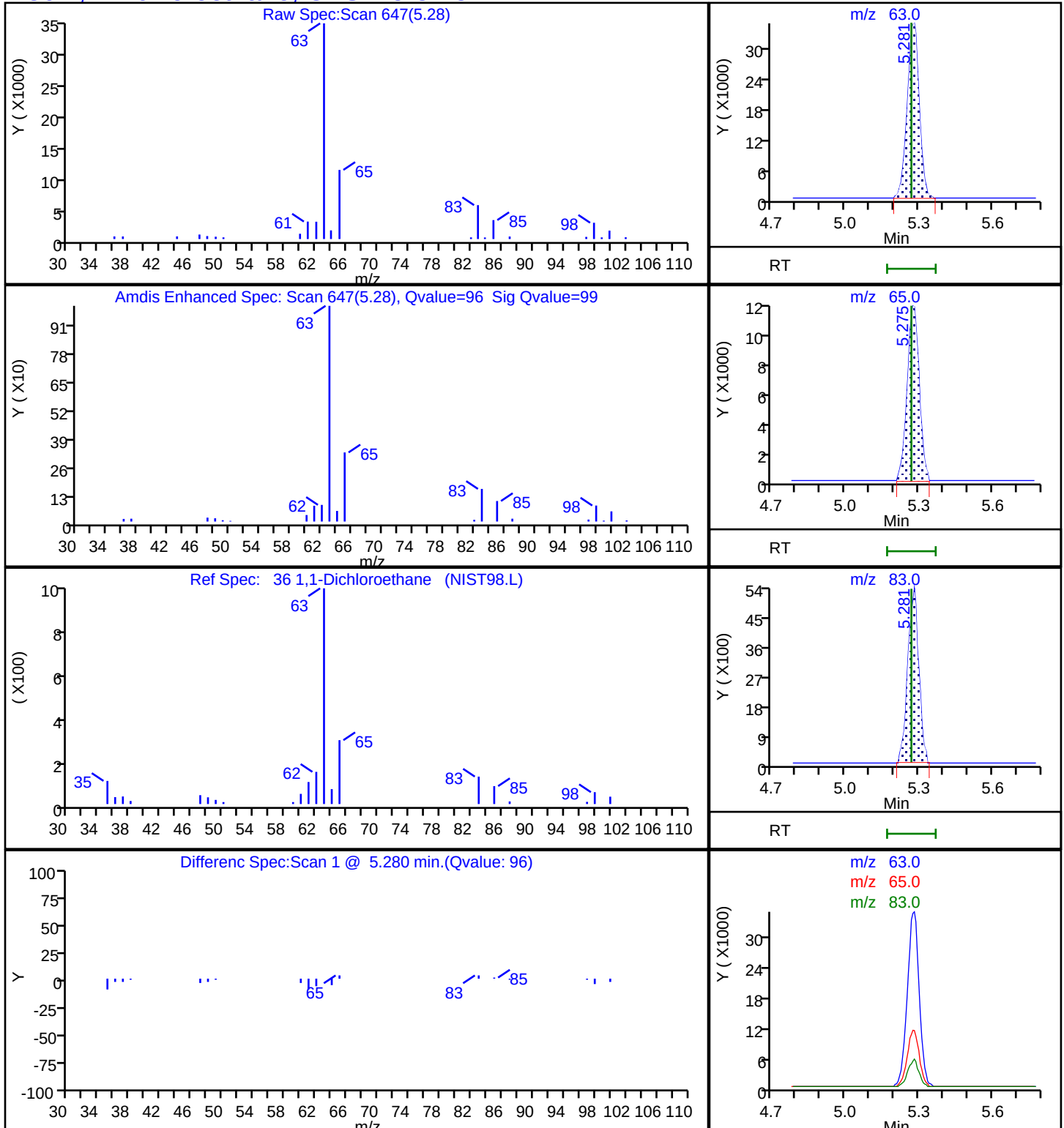
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

36 1,1-Dichloroethane, CAS: 75-34-3

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X16.D

Injection Date: 04-Dec-2025 03:23:30

Instrument ID: 16334

Lims ID: 410-254861-A-8

Lab Sample ID: 410-254861-8

Client ID: HD-COD-SW-17-0/1-0

Operator ID: ncc117024

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 25.000 mL

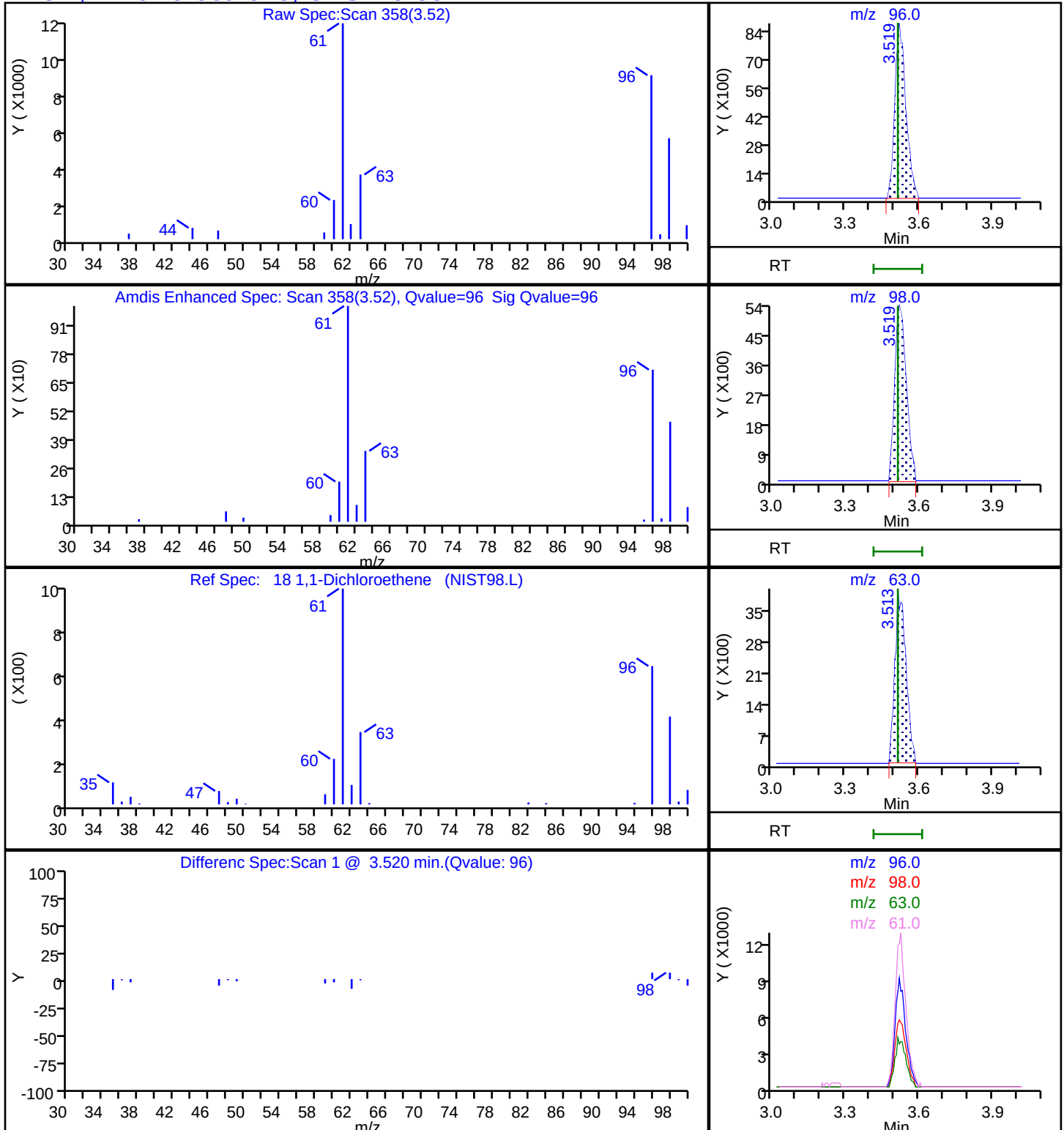
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

18 1,1-Dichloroethene, CAS: 75-35-4

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X16.D

Injection Date: 04-Dec-2025 03:23:30

Instrument ID: 16334

Lims ID: 410-254861-A-8

Lab Sample ID: 410-254861-8

Client ID: HD-COD-SW-17-0/1-0

Operator ID: ncc117024

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 25.000 mL

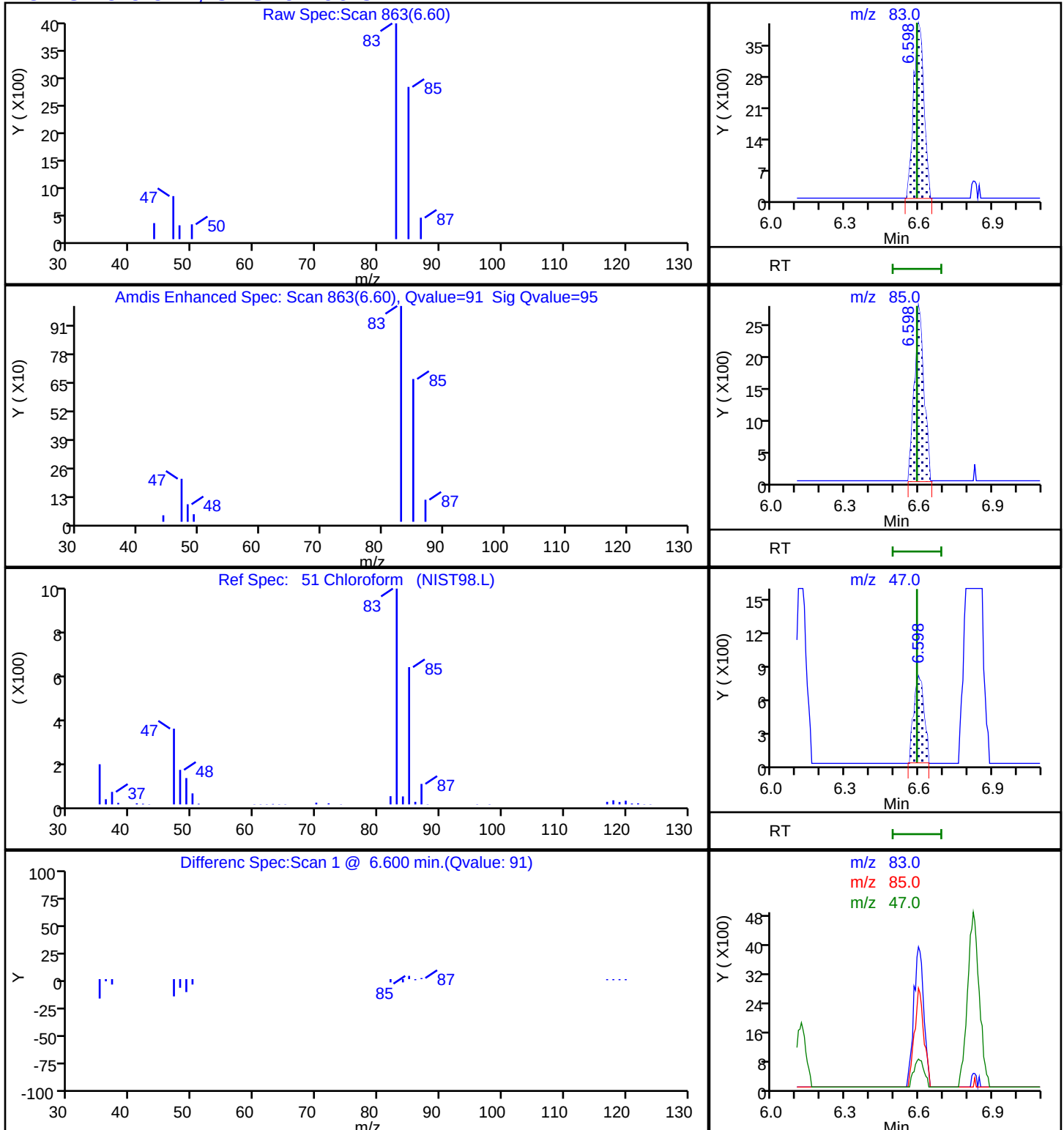
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID) x 150m

MS Quad

51 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X16.D

Injection Date: 04-Dec-2025 03:23:30

Instrument ID: 16334

Lims ID: 410-254861-A-8

Lab Sample ID: 410-254861-8

Client ID: HD-COD-SW-17-0/1-0

Operator ID: ncc117024

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 25.000 mL

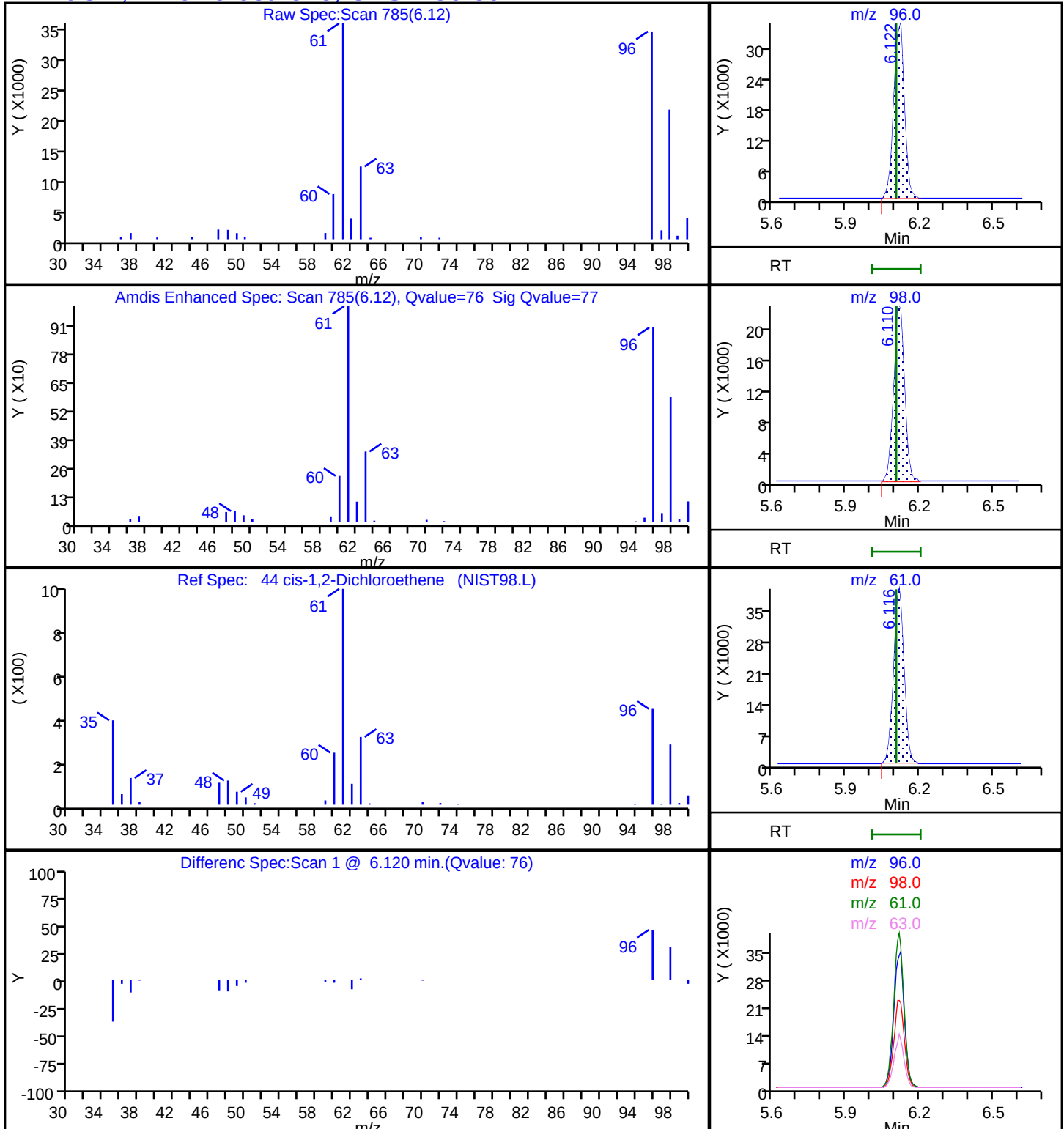
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

44 cis-1,2-Dichloroethene, CAS: 156-59-2

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X16.D

Injection Date: 04-Dec-2025 03:23:30

Instrument ID: 16334

Lims ID: 410-254861-A-8

Lab Sample ID: 410-254861-8

Client ID: HD-COD-SW-17-0/1-0

Operator ID: ncc117024

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 25.000 mL

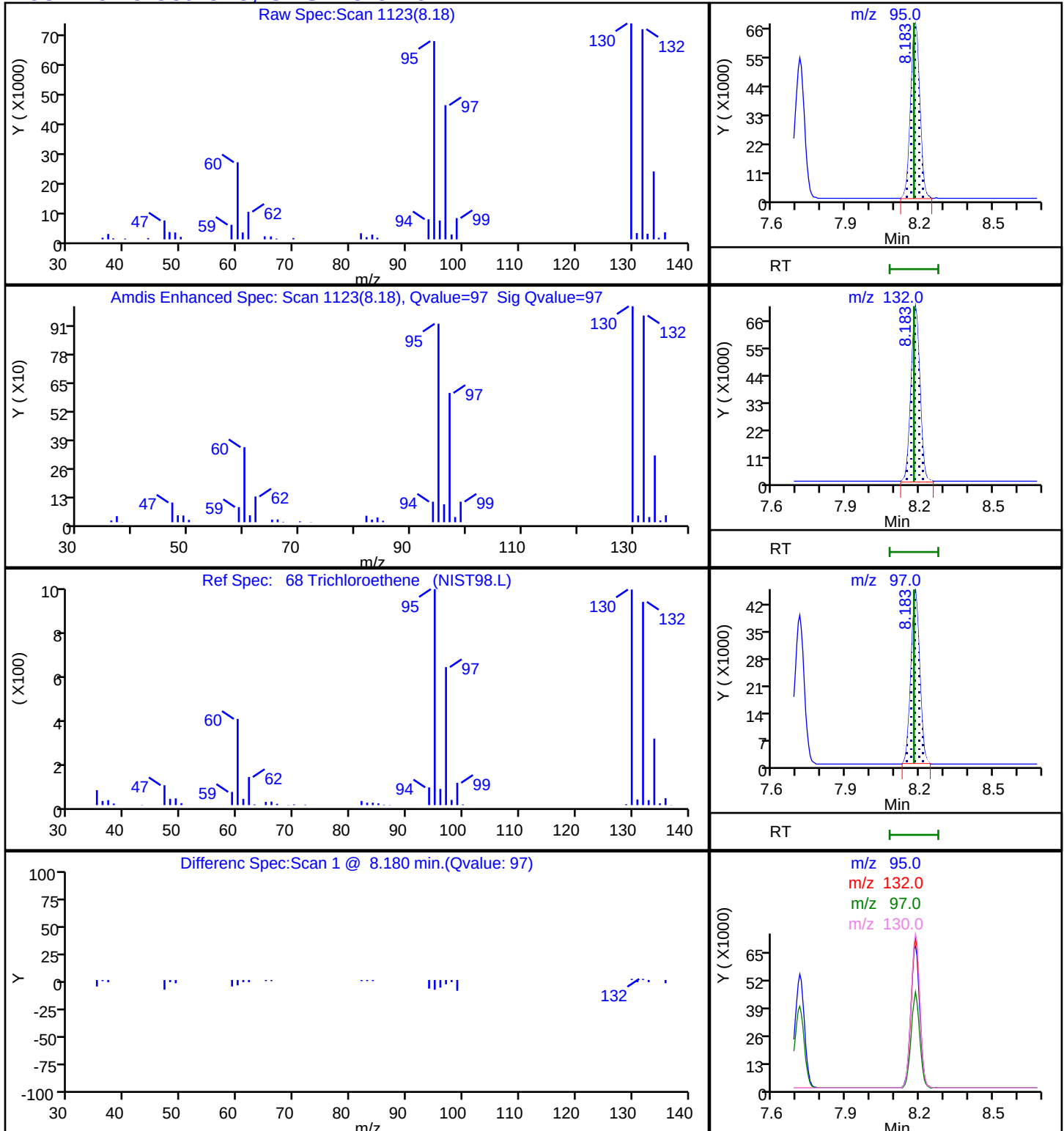
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID) x 30m

MS Quad

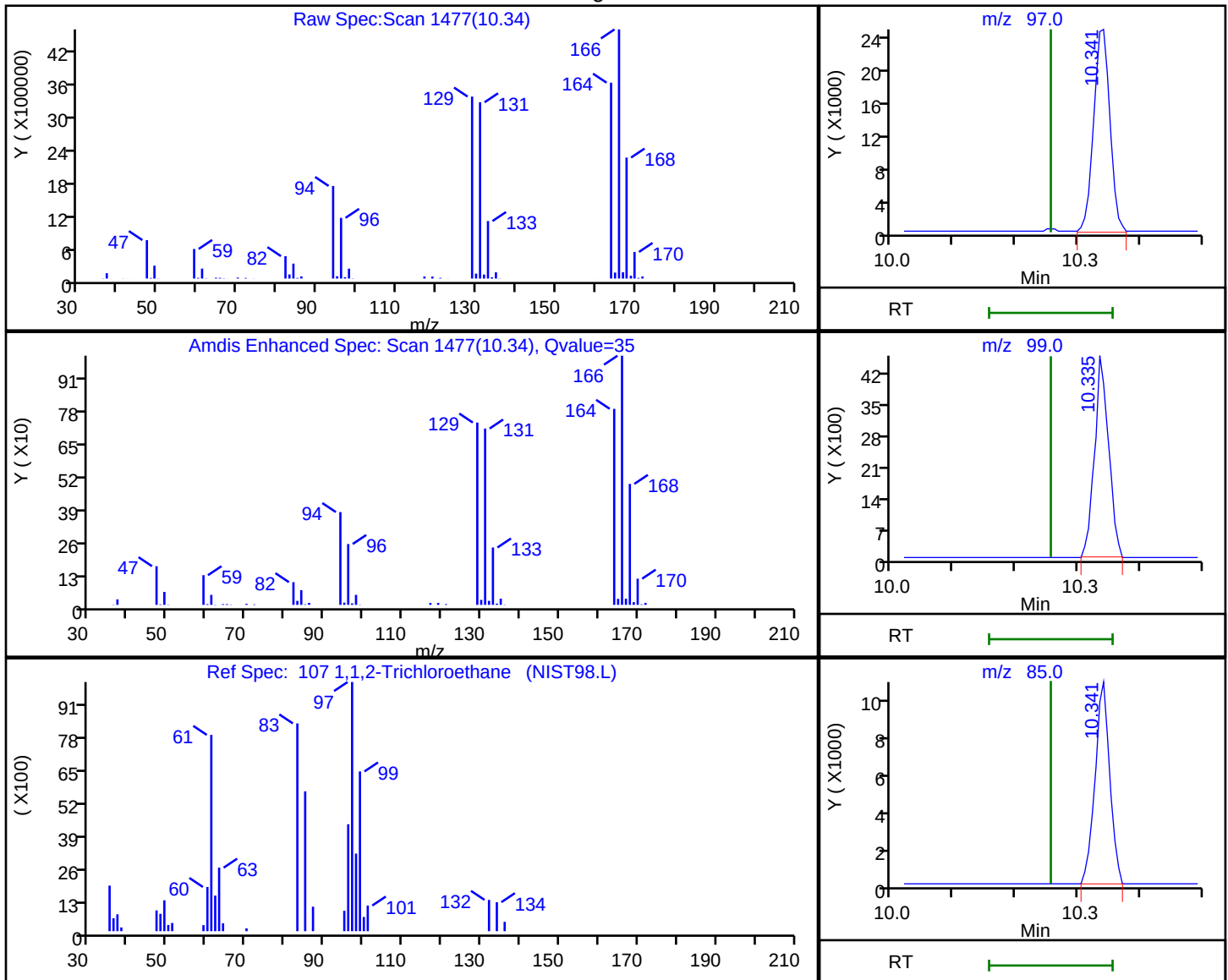
68 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X16.D
Injection Date: 04-Dec-2025 03:23:30 Instrument ID: 16334
Lims ID: 410-254861-A-8 Lab Sample ID: 410-254861-8
Client ID: HD-COD-SW-17-0/1-0
Operator ID: ncc117024 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

107 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
10.34	97.00	45126	2.127934
10.34	99.00	7293	
10.34	85.00	17256	
10.34	83.00	132651	

Reviewer: LT2Q, 04-Dec-2025 16:42:15 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

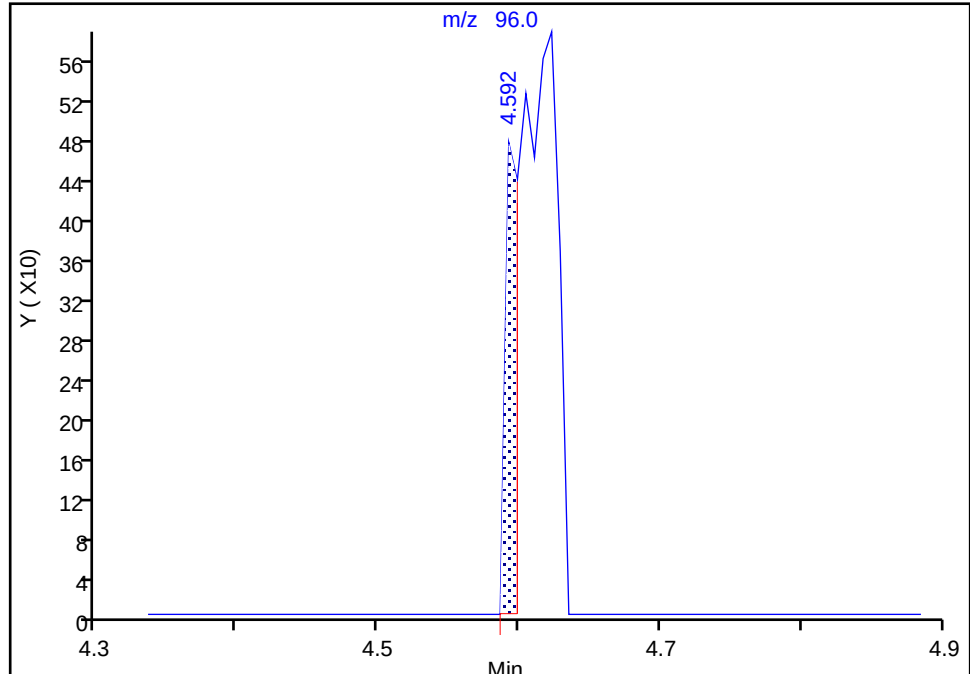
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Injection Date: 04-Dec-2025 03:23:30 Instrument ID: 16334
Lims ID: 410-254861-A-8 Lab Sample ID: 410-254861-8
Client ID: HD-COD-SW-17-0/1-0
Operator ID: ncc117024 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

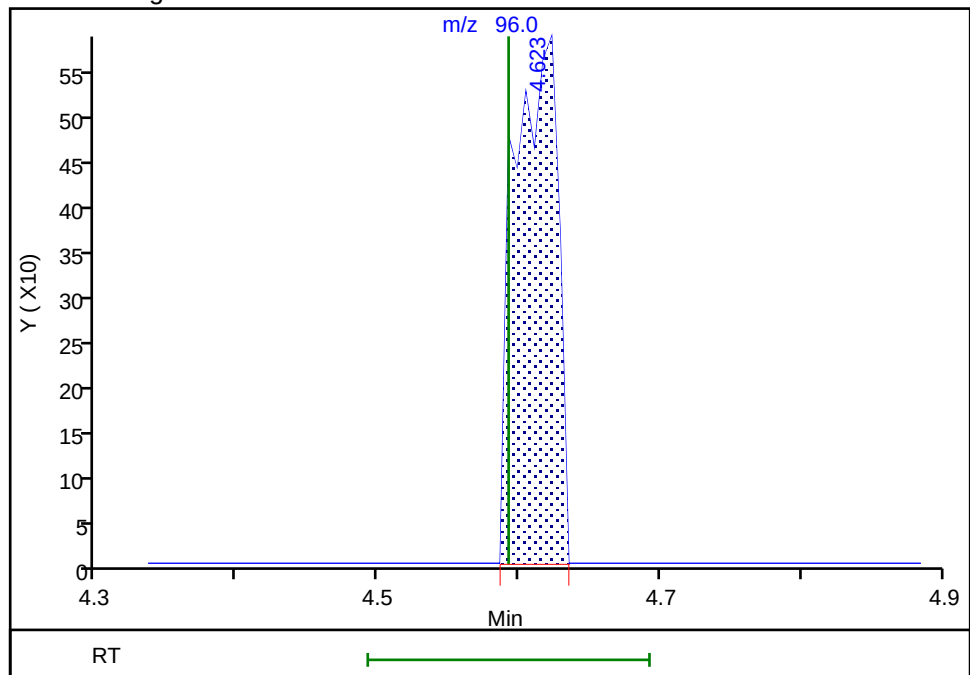
RT: 4.59
Area: 332
Amount: 0.009333
Amount Units: ug/l

Processing Integration Results



RT: 4.62
Area: 1241
Amount: 0.034887
Amount Units: ug/l

Manual Integration Results



Reviewer: LT2Q, 04-Dec-2025 16:42:36 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-17-0/1-0 DL Lab Sample ID: 410-254861-8 DL

Matrix: Water Lab File ID: ID04X21.D

Analysis Method: 8260D Date Collected: 11/24/2025 10:32

Sample wt/vol: 25 (mL) Date Analyzed: 12/04/2025 16:22

Soil Aliquot Vol: _____ Dilution Factor: 20

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738847 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 19930

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	130		10	4.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		80-120
460-00-4	4-Bromofluorobenzene (Surr)	93		80-120
1868-53-7	Dibromofluoromethane (Surr)	105		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\19930\20251204-168823.b\ID04X21.D
 Lims ID: 410-254861-B-8 DL
 Client ID: HD-COD-SW-17-0/1-0
 Sample Type: Client
 Inject. Date: 04-Dec-2025 16:22:30 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 25.000 mL Dil. Factor: 20.0000
 Sample Info: 410-0168823-022
 Operator ID: ecr105096 Instrument ID: 19930
 Method: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\8260 25ml HP31.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 09:31:49 Calib Date: 21-Aug-2025 16:36:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250821-157302.b\IG21X08.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 09:36:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		1.971				ND	
5 Vinyl chloride	62		2.075				ND	
7 Bromomethane	94		2.379				ND	
8 Chloroethane	64		2.422				ND	
15 1,1-Dichloroethene	96	3.196	3.184	0.012	80	2179	0.0433	
16 Acetone	43		3.202				ND	
20 Carbon disulfide	76		3.458				ND	
25 Methylene Chloride	84		3.775				ND	
* 26 t-Butyl alcohol-d10 (IS)	65	3.788	3.788	0.000	27	144708	50.0	
29 Methyl tert-butyl ether	73		4.141				ND	
30 trans-1,2-Dichloroethene	96		4.153				ND	
32 1,1-Dichloroethane	63	4.812	4.806	0.006	93	8650	0.0901	
38 2-Butanone (MEK)	43		5.617				ND	
39 cis-1,2-Dichloroethene	96	5.690	5.647	0.043	72	7090	0.1063	
46 Chlorobromomethane	128		5.982				ND	
48 Chloroform	83		6.141				ND	7
\$ 49 Dibromofluoromethane (Surr)	113	6.366	6.360	0.006	94	518051	10.5	
50 1,1,1-Trichloroethane	97	6.366	6.366	0.000	41	55632	0.5294	
54 Carbon tetrachloride	117		6.580				ND	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	6.818	6.811	0.007	62	103301	10.4	
57 Benzene	78		6.842				ND	
58 1,2-Dichloroethane	62		6.915				ND	
* 61 Fluorobenzene (IS)	96	7.263	7.257	0.006	100	1806806	10.0	
64 Trichloroethene	95	7.775	7.738	0.037	93	12674	0.1880	
66 1,2-Dichloropropane	63		8.067				ND	
71 Dichlorobromomethane	83		8.421				ND	
76 cis-1,3-Dichloropropene	75		8.982				ND	
77 4-Methyl-2-pentanone (MIBK)	43		9.165				ND	
\$ 78 Toluene-d8 (Surr)	98	9.317	9.311	0.006	93	1795126	9.76	
79 Toluene	92		9.390				ND	
97 trans-1,3-Dichloropropene	75		9.671				ND	
100 1,1,2-Trichloroethane	97		9.878				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
101 Tetrachloroethene	166	9.975	9.969	0.006	97	643494	6.65	
103 2-Hexanone	43		10.104				ND	
105 Chlorodibromomethane	129		10.268				ND	
106 Ethylene Dibromide	107		10.384				ND	
* 107 Chlorobenzene-d5 (IS)	117	10.829	10.829	0.000	83	1461705	10.0	
109 Chlorobenzene	112		10.853				ND	
111 1,1,1,2-Tetrachloroethane	131		10.939				ND	
112 Ethylbenzene	91		10.945				ND	
113 m-Xylene & p-Xylene	106		11.061				ND	
S 110 Xylenes, Total	106		11.245				ND	7
114 o-Xylene	106		11.396				ND	
115 Styrene	104		11.414				ND	
116 Bromoform	173		11.573				ND	
\$ 120 4-Bromofluorobenzene (Surr)	95	11.853	11.847	0.006	97	623123	9.35	
121 1,1,2,2-Tetrachloroethane	83		11.951				ND	
* 135 1,4-Dichlorobenzene-d4	152	12.737	12.731	0.006	93	838071	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_LLcentISS_00019

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 05-Dec-2025 09:36:59

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X21.D

Injection Date: 04-Dec-2025 16:22:30

Instrument ID: 19930

Operator ID: ecr105096

Lims ID: 410-254861-B-8 DL

Lab Sample ID: 410-254861-8

Worklist Smp#: 22

Client ID: HD-COD-SW-17-0/1-0

Purge Vol: 25.000 mL

Dil. Factor: 20.0000

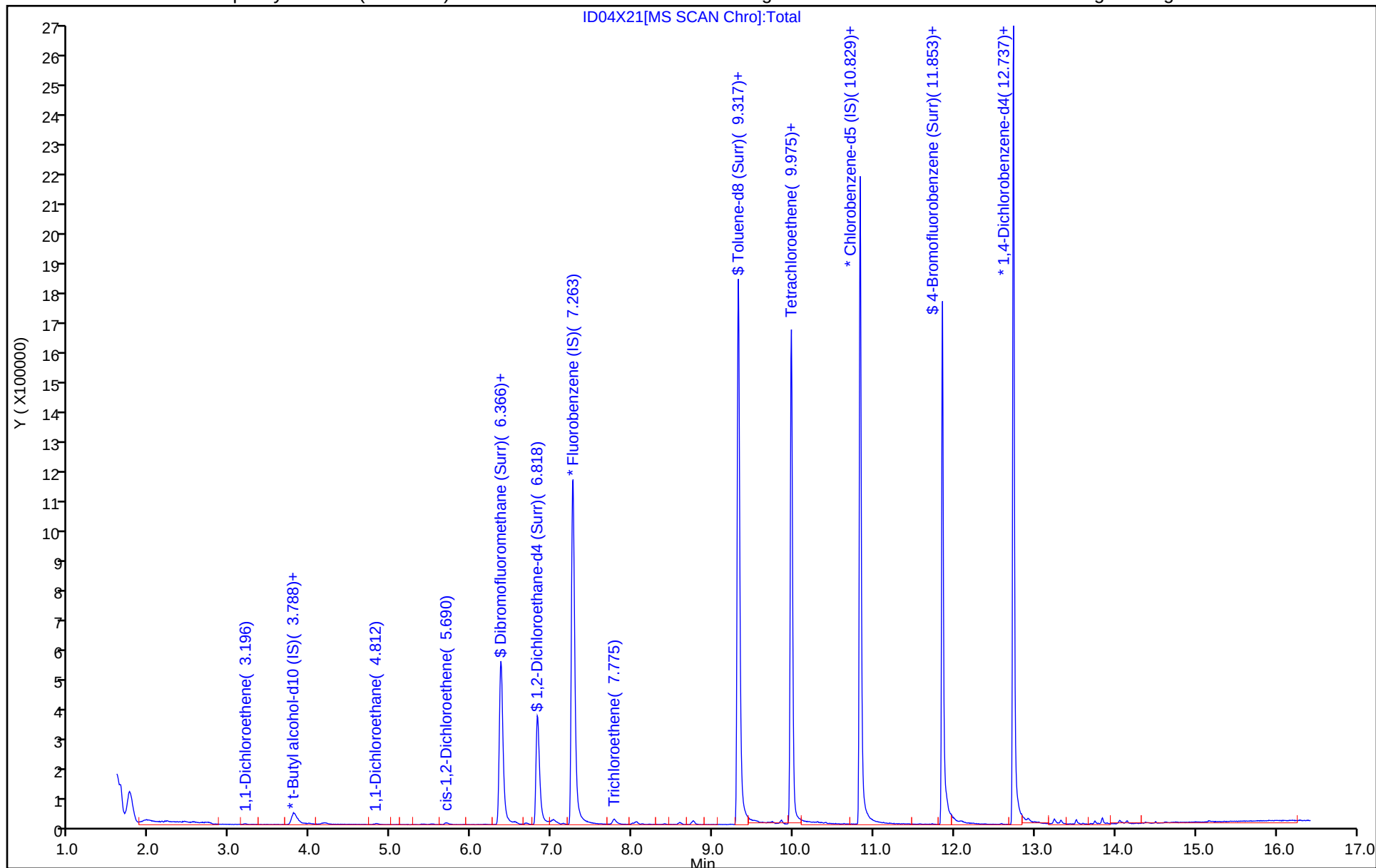
ALS Bottle#: 21

Method: 8260 25ml HP31

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\19930\20251204-168823.b\ID04X21.D
Lims ID: 410-254861-B-8 DL
Client ID: HD-COD-SW-17-0/1-0
Sample Type: Client
Inject. Date: 04-Dec-2025 16:22:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 25.000 mL Dil. Factor: 20.0000
Sample Info: 410-0168823-022
Operator ID: ecr105096 Instrument ID: 19930
Method: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\8260 25ml HP31.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 09:31:49 Calib Date: 21-Aug-2025 16:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250821-157302.b\IG21X08.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 09:36:58

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	10.0	10.5	105.29
\$ 56 1,2-Dichloroethane-d4 (Surr)	10.0	10.4	103.78
\$ 78 Toluene-d8 (Surr)	10.0	9.76	97.59
\$ 120 4-Bromofluorobenzene (Surr)	10.0	9.35	93.49

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X21.D

Injection Date: 04-Dec-2025 16:22:30

Instrument ID: 19930

Lims ID: 410-254861-B-8 DL

Lab Sample ID: 410-254861-8

Client ID: HD-COD-SW-17-0/1-0

Operator ID: ecr105096

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 25.000 mL

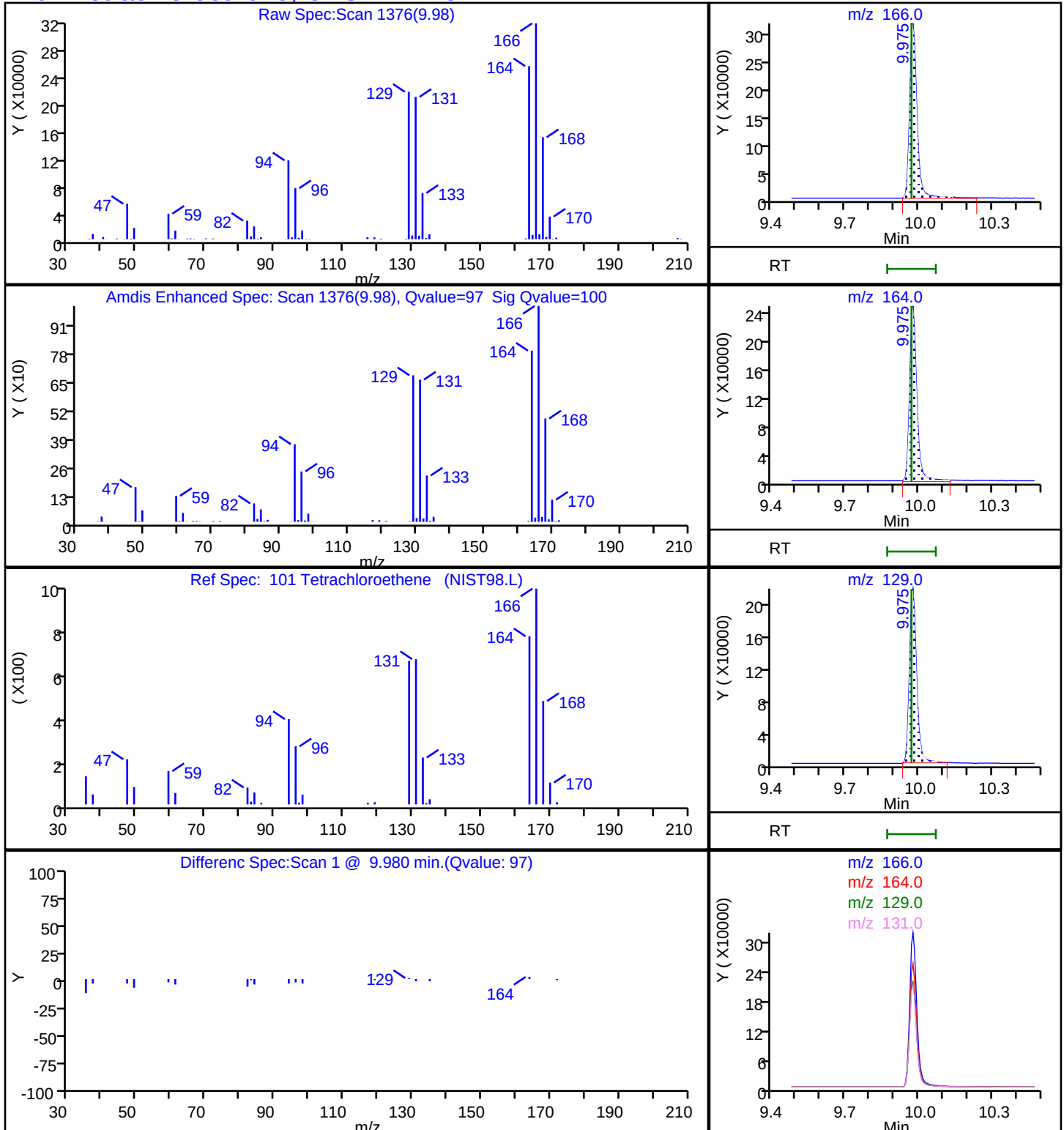
Dil. Factor: 20.0000

Method: 8260 25ml HP31

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

101 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID: HD-COD-SW-26-0/1-0

Lab Sample ID: 410-254861-9

Matrix: Water

Lab File ID: ID04X17.D

Analysis Method: 8260D

Date Collected: 11/24/2025 11:16

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 14:58

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738847

Units: ug/L

Preparation Batch No.:

Instrument ID: 19930

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.070
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	ND		0.50	0.10
75-35-4	1,1-Dichloroethene	ND		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	0.12	J	0.50	0.080
75-25-2	Bromoform	ND	^c cn	1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	1.1		0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	ND		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	2.7		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-26-0/1-0 Lab Sample ID: 410-254861-9

Matrix: Water Lab File ID: ID04X17.D

Analysis Method: 8260D Date Collected: 11/24/2025 11:16

Sample wt/vol: 25 (mL) Date Analyzed: 12/04/2025 14:58

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738847 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 19930

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	0.14	J	0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		80-120
460-00-4	4-Bromofluorobenzene (Surr)	93		80-120
1868-53-7	Dibromofluoromethane (Surr)	103		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X17.D
 Lims ID: 410-254861-B-9
 Client ID: HD-COD-SW-26-0/1-0
 Sample Type: Client
 Inject. Date: 04-Dec-2025 14:58:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168823-018
 Operator ID: ecr105096 Instrument ID: 19930
 Method: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\8260 25ml HP31.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 09:31:09 Calib Date: 21-Aug-2025 16:36:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250821-157302.b\IG21X08.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 09:31:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		1.971				ND	
5 Vinyl chloride	62		2.075				ND	
7 Bromomethane	94		2.379				ND	
8 Chloroethane	64		2.422				ND	
15 1,1-Dichloroethene	96	3.190	3.184	0.006	95	4559	0.0893	
16 Acetone	43		3.202				ND	U
20 Carbon disulfide	76		3.458				ND	7
25 Methylene Chloride	84		3.775				ND	7
* 26 t-Butyl alcohol-d10 (IS)	65	3.806	3.788	0.018	26	103117	50.0	
29 Methyl tert-butyl ether	73		4.141				ND	
30 trans-1,2-Dichloroethene	96		4.153				ND	
32 1,1-Dichloroethane	63		4.806				ND	
38 2-Butanone (MEK)	43		5.617				ND	7
39 cis-1,2-Dichloroethene	96		5.647				ND	
46 Chlorobromomethane	128		5.982				ND	
48 Chloroform	83	6.153	6.141	0.012	92	121840	1.11	
\$ 49 Dibromofluoromethane (Surr)	113	6.366	6.360	0.006	94	512983	10.3	
50 1,1,1-Trichloroethane	97		6.366				ND	7
54 Carbon tetrachloride	117		6.580				ND	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	6.818	6.811	0.007	62	101802	10.1	
57 Benzene	78		6.842				ND	
58 1,2-Dichloroethane	62		6.915				ND	
* 61 Fluorobenzene (IS)	96	7.263	7.257	0.006	100	1831210	10.0	
64 Trichloroethene	95	7.775	7.738	0.037	94	9252	0.1354	
66 1,2-Dichloropropane	63		8.067				ND	
71 Dichlorobromomethane	83	8.433	8.421	0.012	90	9522	0.1205	
76 cis-1,3-Dichloropropene	75		8.982				ND	
77 4-Methyl-2-pentanone (MIBK)	43		9.165				ND	7
\$ 78 Toluene-d8 (Surr)	98	9.317	9.311	0.006	93	1845055	9.98	
79 Toluene	92		9.390				ND	7
97 trans-1,3-Dichloropropene	75		9.671				ND	
100 1,1,2-Trichloroethane	97		9.878				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
101 Tetrachloroethene	166	9.976	9.969	0.007	97	265270	2.73	
103 2-Hexanone	43		10.104				ND	
105 Chlorodibromomethane	129		10.268				ND	
106 Ethylene Dibromide	107		10.384				ND	
* 107 Chlorobenzene-d5 (IS)	117	10.829	10.829	0.000	83	1468732	10.0	
109 Chlorobenzene	112		10.853				ND	
111 1,1,1,2-Tetrachloroethane	131		10.939				ND	
112 Ethylbenzene	91		10.945				ND	
113 m-Xylene & p-Xylene	106		11.061				ND	7
S 110 Xylenes, Total	106		11.245				ND	7
114 o-Xylene	106		11.396				ND	
115 Styrene	104		11.414				ND	
116 Bromoform	173		11.573				ND	
\$ 120 4-Bromofluorobenzene (Surr)	95	11.853	11.847	0.006	96	625768	9.34	
121 1,1,2,2-Tetrachloroethane	83		11.951				ND	
* 135 1,4-Dichlorobenzene-d4	152	12.737	12.731	0.006	93	845652	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_LLcentISS_00019

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 05-Dec-2025 09:31:10

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X17.D

Injection Date: 04-Dec-2025 14:58:30

Instrument ID: 19930

Operator ID: ecr105096

Lims ID: 410-254861-B-9

Lab Sample ID: 410-254861-9

Worklist Smp#: 18

Client ID: HD-COD-SW-26-0/1-0

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

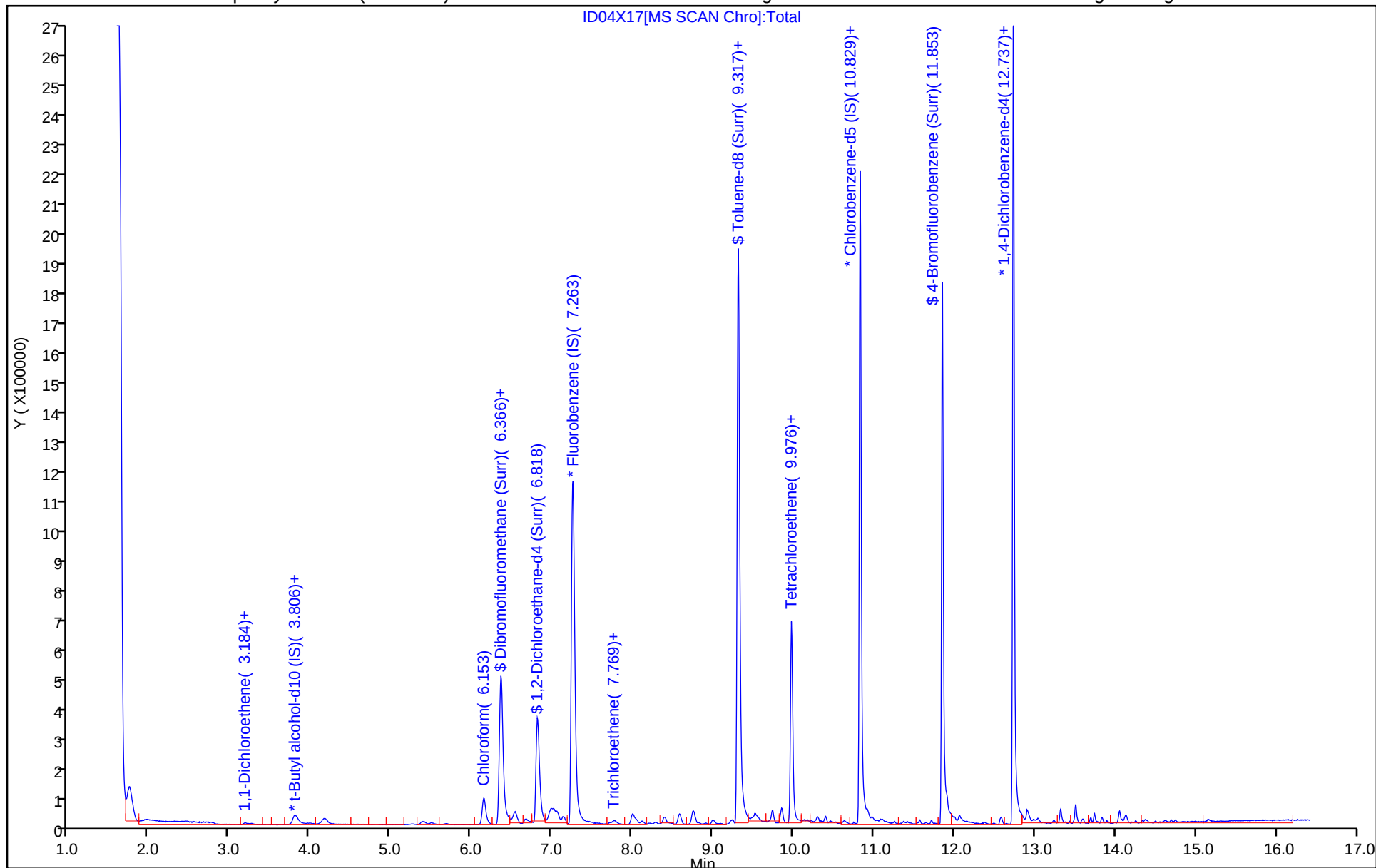
ALS Bottle#: 17

Method: 8260 25ml HP31

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\19930\20251204-168823.b\ID04X17.D
Lims ID: 410-254861-B-9
Client ID: HD-COD-SW-26-0/1-0
Sample Type: Client
Inject. Date: 04-Dec-2025 14:58:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168823-018
Operator ID: ecr105096 Instrument ID: 19930
Method: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\8260 25ml HP31.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 09:31:09 Calib Date: 21-Aug-2025 16:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250821-157302.b\IG21X08.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 09:31:09

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	10.0	10.3	102.87
\$ 56 1,2-Dichloroethane-d4 (Surr)	10.0	10.1	100.91
\$ 78 Toluene-d8 (Surr)	10.0	9.98	99.82
\$ 120 4-Bromofluorobenzene (Surr)	10.0	9.34	93.44

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X17.D

Injection Date: 04-Dec-2025 14:58:30

Instrument ID: 19930

Lims ID: 410-254861-B-9

Lab Sample ID: 410-254861-9

Client ID: HD-COD-SW-26-0/1-0

Operator ID: ecr105096

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 25.000 mL

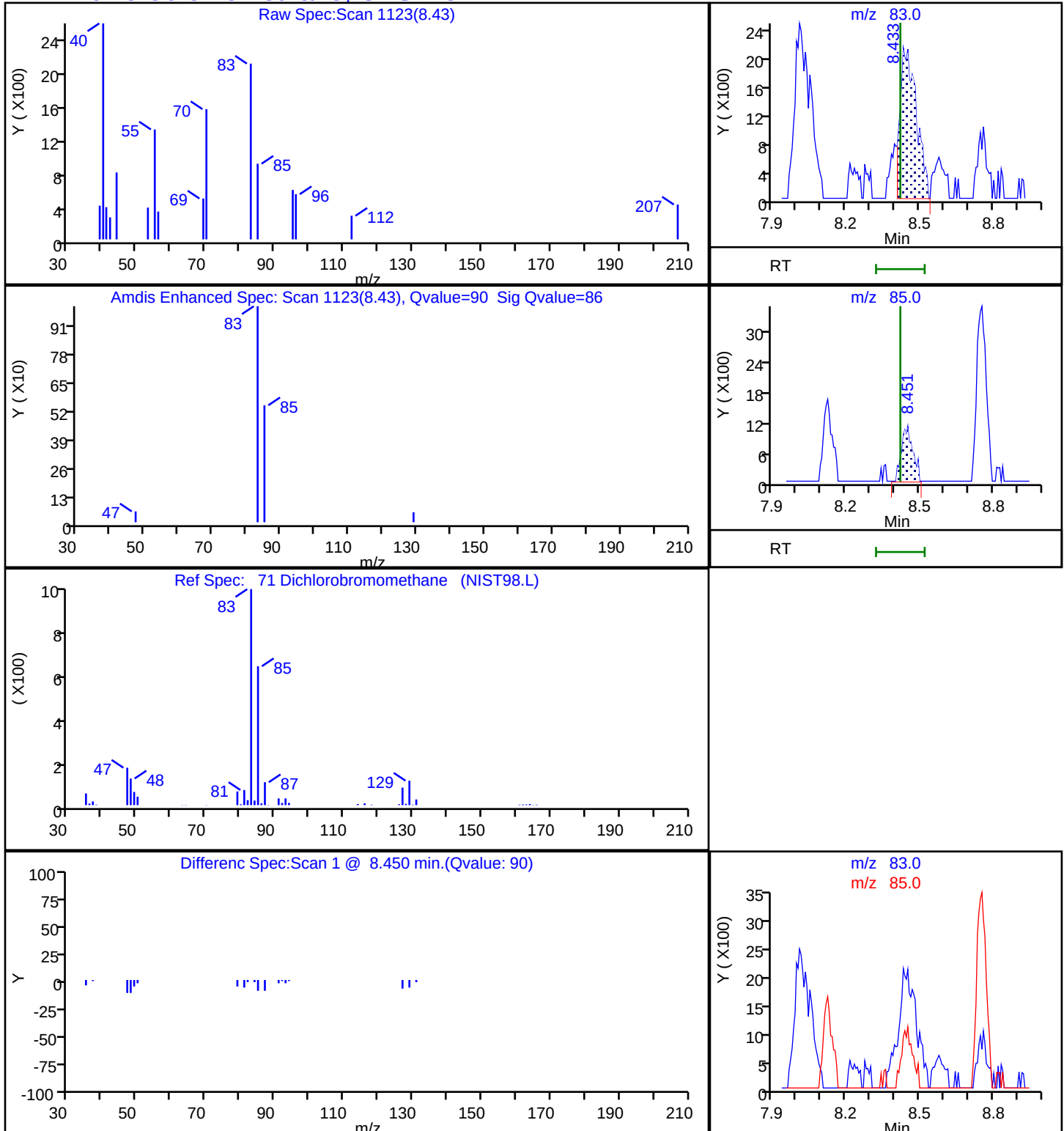
Dil. Factor: 1.0000

Method: 8260 25ml HP31

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

71 Dichlorobromomethane, CAS: 75-27-4

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X17.D

Injection Date: 04-Dec-2025 14:58:30

Instrument ID: 19930

Lims ID: 410-254861-B-9

Lab Sample ID: 410-254861-9

Client ID: HD-COD-SW-26-0/1-0

Operator ID: ecr105096

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 25.000 mL

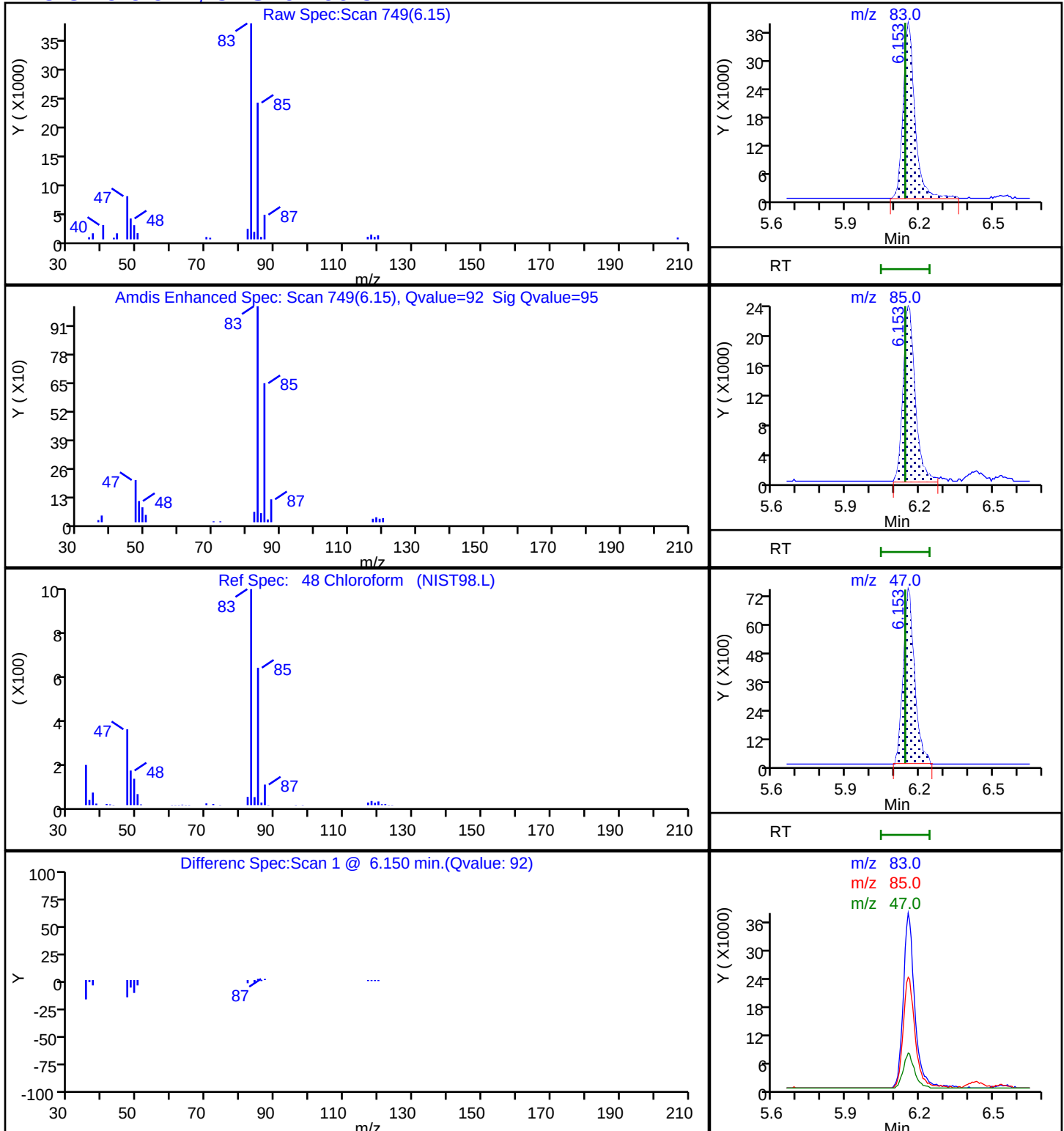
Dil. Factor: 1.0000

Method: 8260 25ml HP31

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\19930\20251204-168823.b\ID04X17.D

Injection Date: 04-Dec-2025 14:58:30

Instrument ID: 19930

Lims ID: 410-254861-B-9

Lab Sample ID: 410-254861-9

Client ID: HD-COD-SW-26-0/1-0

Operator ID: ecr105096

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 25.000 mL

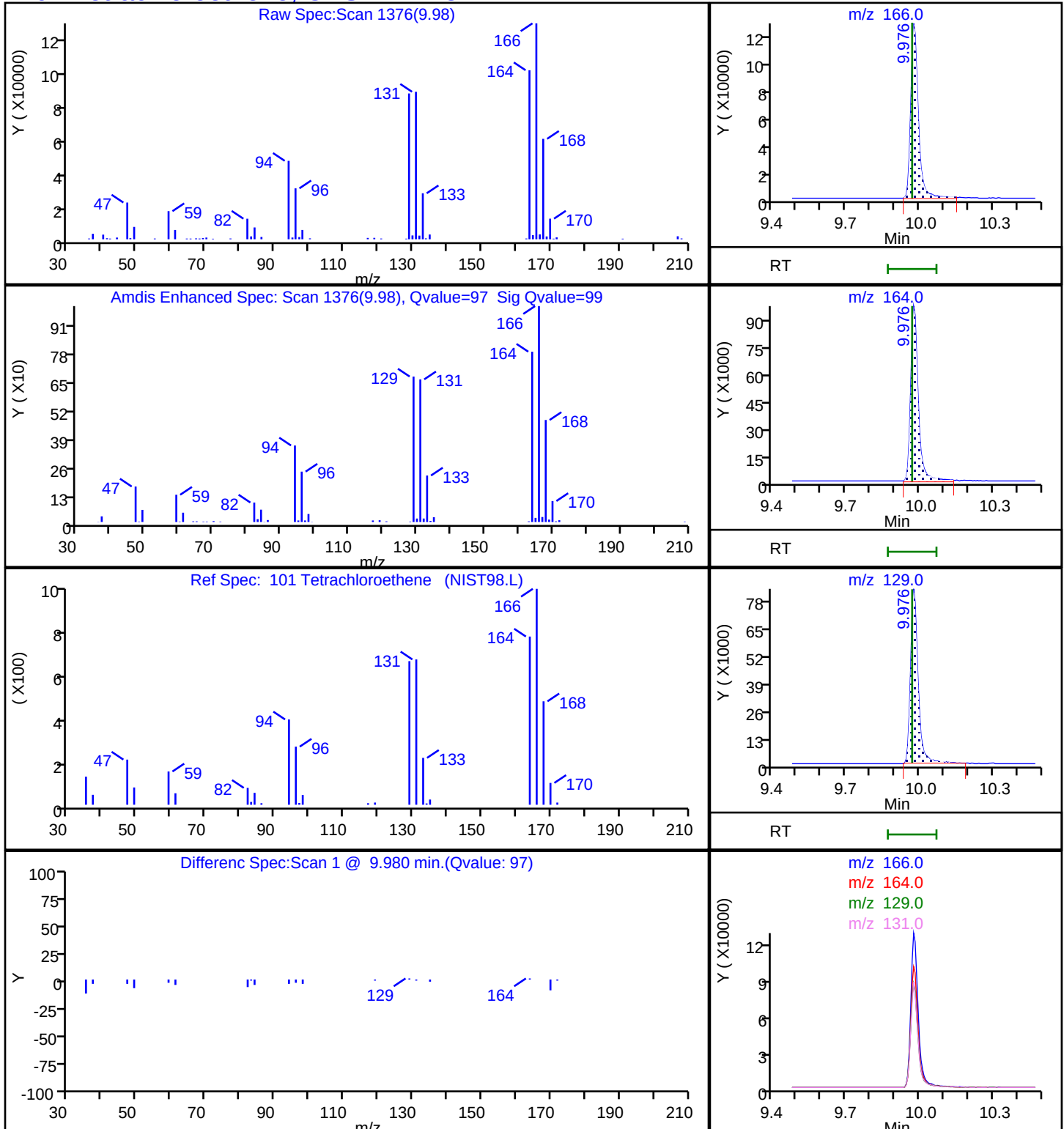
Dil. Factor: 1.0000

Method: 8260 25ml HP31

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

101 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X17.D

Injection Date: 04-Dec-2025 14:58:30

Instrument ID: 19930

Lims ID: 410-254861-B-9

Lab Sample ID: 410-254861-9

Client ID: HD-COD-SW-26-0/1-0

Operator ID: ecr105096

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 25.000 mL

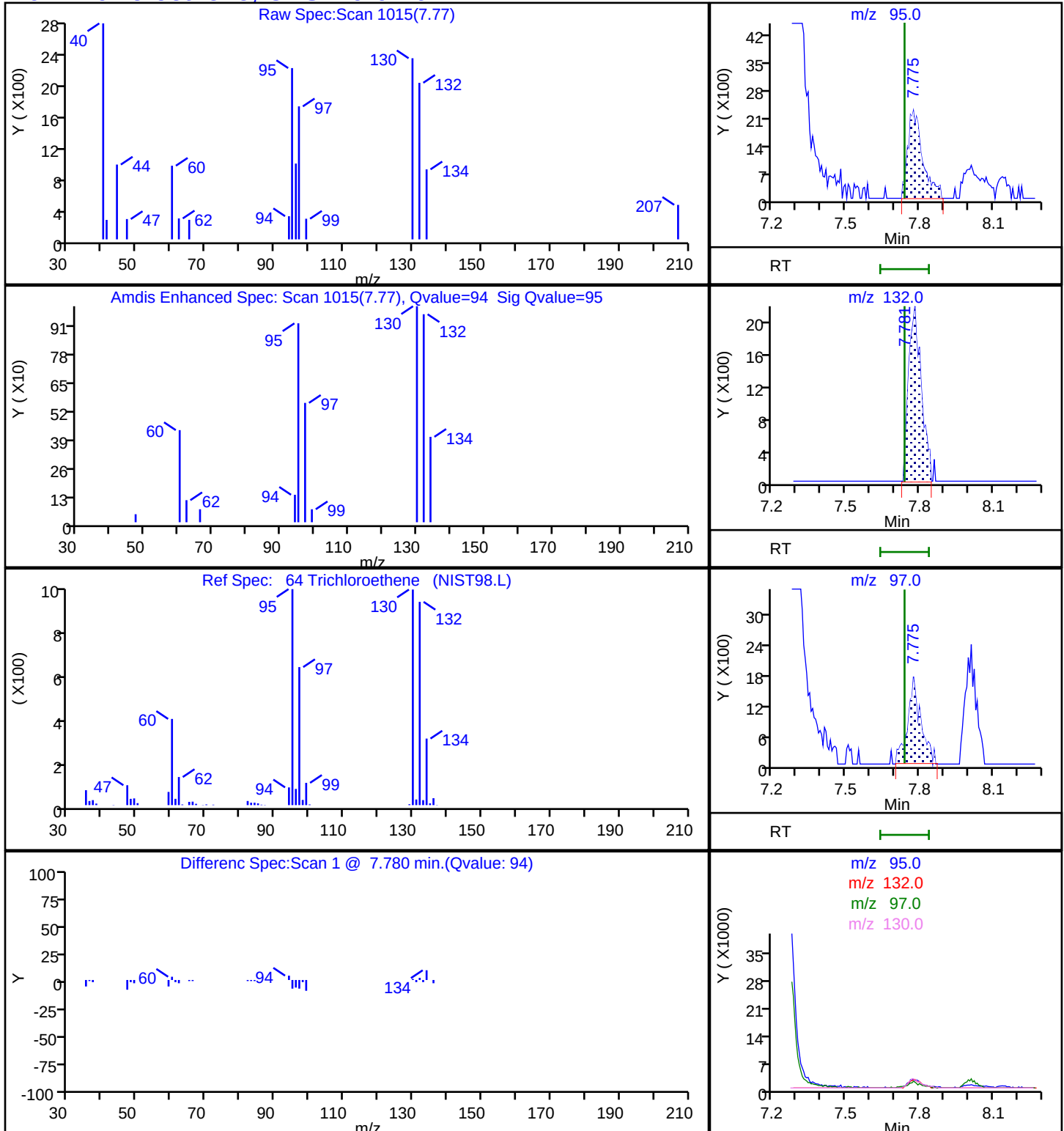
Dil. Factor: 1.0000

Method: 8260 25ml HP31

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

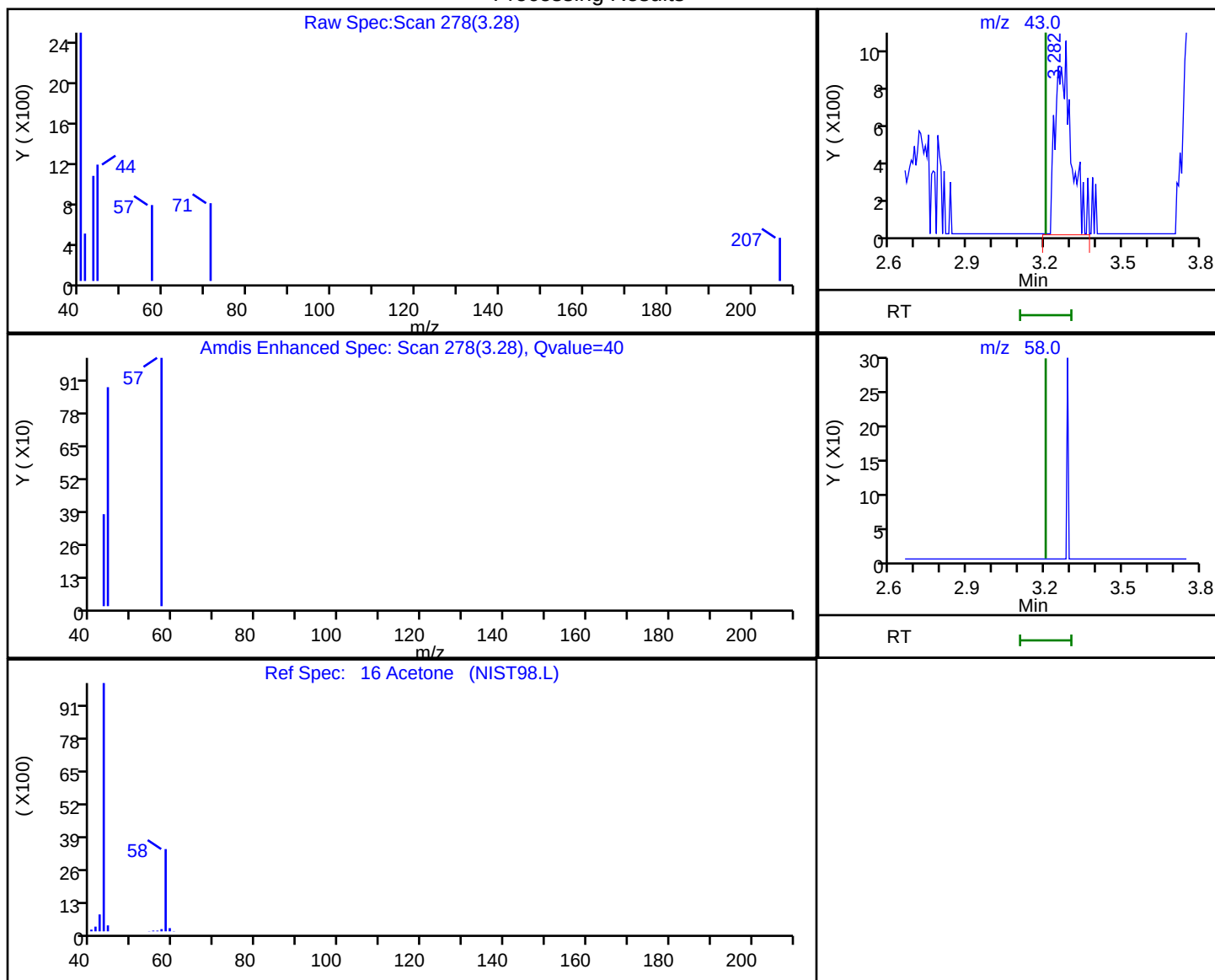
64 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X17.D
Injection Date: 04-Dec-2025 14:58:30 Instrument ID: 19930
Lims ID: 410-254861-B-9 Lab Sample ID: 410-254861-9
Client ID: HD-COD-SW-26-0/1-0
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) MS Quad

16 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
3.28	43.00	4176	0.859776
3.20	58.00	0	

Reviewer: FQ4L, 05-Dec-2025 09:30:50 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.: 410-254861-1

SDG No.:

Client Sample ID: HD-COD-SW-27-0/1-0

Lab Sample ID: 410-254861-10

Matrix: Water

Lab File ID: ID04X18.D

Analysis Method: 8260D

Date Collected: 11/24/2025 11:47

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 15:19

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738847

Units: ug/L

Preparation Batch No.:

Instrument ID: 19930

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.070
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	ND		0.50	0.10
75-35-4	1,1-Dichloroethene	ND		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	1.9	J	5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	0.20	J	0.50	0.080
75-25-2	Bromoform	ND	^c cn	1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	1.0		0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	0.24	J	0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	0.46	J	0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-27-0/1-0 Lab Sample ID: 410-254861-10

Matrix: Water Lab File ID: ID04X18.D

Analysis Method: 8260D Date Collected: 11/24/2025 11:47

Sample wt/vol: 25 (mL) Date Analyzed: 12/04/2025 15:19

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738847 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 19930

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	0.30	J	0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		80-120
460-00-4	4-Bromofluorobenzene (Surr)	92		80-120
1868-53-7	Dibromofluoromethane (Surr)	105		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X18.D
 Lims ID: 410-254861-B-10
 Client ID: HD-COD-SW-27-0/1-0
 Sample Type: Client
 Inject. Date: 04-Dec-2025 15:19:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168823-019
 Operator ID: ecr105096 Instrument ID: 19930
 Method: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\8260 25ml HP31.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 09:31:49 Calib Date: 21-Aug-2025 16:36:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250821-157302.b\IG21X08.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 09:31:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		1.971				ND	U
5 Vinyl chloride	62		2.075				ND	
7 Bromomethane	94		2.379				ND	
8 Chloroethane	64		2.422				ND	
15 1,1-Dichloroethene	96		3.184				ND	
16 Acetone	43	3.245	3.202	0.043	97	10583	1.88	
20 Carbon disulfide	76	3.452	3.458	-0.006	99	9116	0.0700	
25 Methylene Chloride	84		3.775				ND	7
* 26 t-Butyl alcohol-d10 (IS)	65	3.775	3.788	-0.013	27	119537	50.0	
29 Methyl tert-butyl ether	73		4.141				ND	
30 trans-1,2-Dichloroethene	96		4.153				ND	
32 1,1-Dichloroethane	63		4.806				ND	
38 2-Butanone (MEK)	43		5.617				ND	
39 cis-1,2-Dichloroethene	96	5.671	5.647	0.024	73	14449	0.2404	
46 Chlorobromomethane	128		5.982				ND	
48 Chloroform	83	6.147	6.141	0.006	92	97384	1.00	
\$ 49 Dibromofluoromethane (Surr)	113	6.360	6.360	0.000	94	463498	10.5	
50 1,1,1-Trichloroethane	97		6.366				ND	7
54 Carbon tetrachloride	117		6.580				ND	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	6.811	6.811	0.000	62	91262	10.2	
57 Benzene	78		6.842				ND	
58 1,2-Dichloroethane	62		6.915				ND	
* 61 Fluorobenzene (IS)	96	7.256	7.257	-0.001	100	1627929	10.0	
64 Trichloroethene	95	7.762	7.738	0.024	95	18119	0.2984	
66 1,2-Dichloropropane	63		8.067				ND	
71 Dichlorobromomethane	83	8.445	8.421	0.024	95	13782	0.1963	
76 cis-1,3-Dichloropropene	75		8.982				ND	
77 4-Methyl-2-pentanone (MIBK)	43		9.165				ND	7
\$ 78 Toluene-d8 (Surr)	98	9.317	9.311	0.006	92	1658732	10.0	a
79 Toluene	92		9.390				ND	7
97 trans-1,3-Dichloropropene	75		9.671				ND	
100 1,1,2-Trichloroethane	97		9.878				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
101 Tetrachloroethene	166	9.981	9.969	0.012	94	39911	0.4580	
103 2-Hexanone	43		10.104				ND	
105 Chlorodibromomethane	129		10.268				ND	7
106 Ethylene Dibromide	107		10.384				ND	
* 107 Chlorobenzene-d5 (IS)	117	10.829	10.829	0.000	83	1317066	10.0	
109 Chlorobenzene	112		10.853				ND	
111 1,1,1,2-Tetrachloroethane	131		10.939				ND	
112 Ethylbenzene	91		10.945				ND	
113 m-Xylene & p-Xylene	106		11.061				ND	7
S 110 Xylenes, Total	106		11.245				ND	7
114 o-Xylene	106		11.396				ND	
115 Styrene	104		11.414				ND	
116 Bromoform	173		11.573				ND	7
\$ 120 4-Bromofluorobenzene (Surr)	95	11.853	11.847	0.006	98	550307	9.16	
121 1,1,2,2-Tetrachloroethane	83		11.951				ND	
* 135 1,4-Dichlorobenzene-d4	152	12.737	12.731	0.006	92	750958	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

a - User Assigned ID

Reagents:

MSV_LLcentISS_00019

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 05-Dec-2025 09:31:50

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X18.D

Injection Date: 04-Dec-2025 15:19:30

Instrument ID: 19930

Operator ID: ecr105096

Lims ID: 410-254861-B-10

Lab Sample ID: 410-254861-10

Worklist Smp#: 19

Client ID: HD-COD-SW-27-0/1-0

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

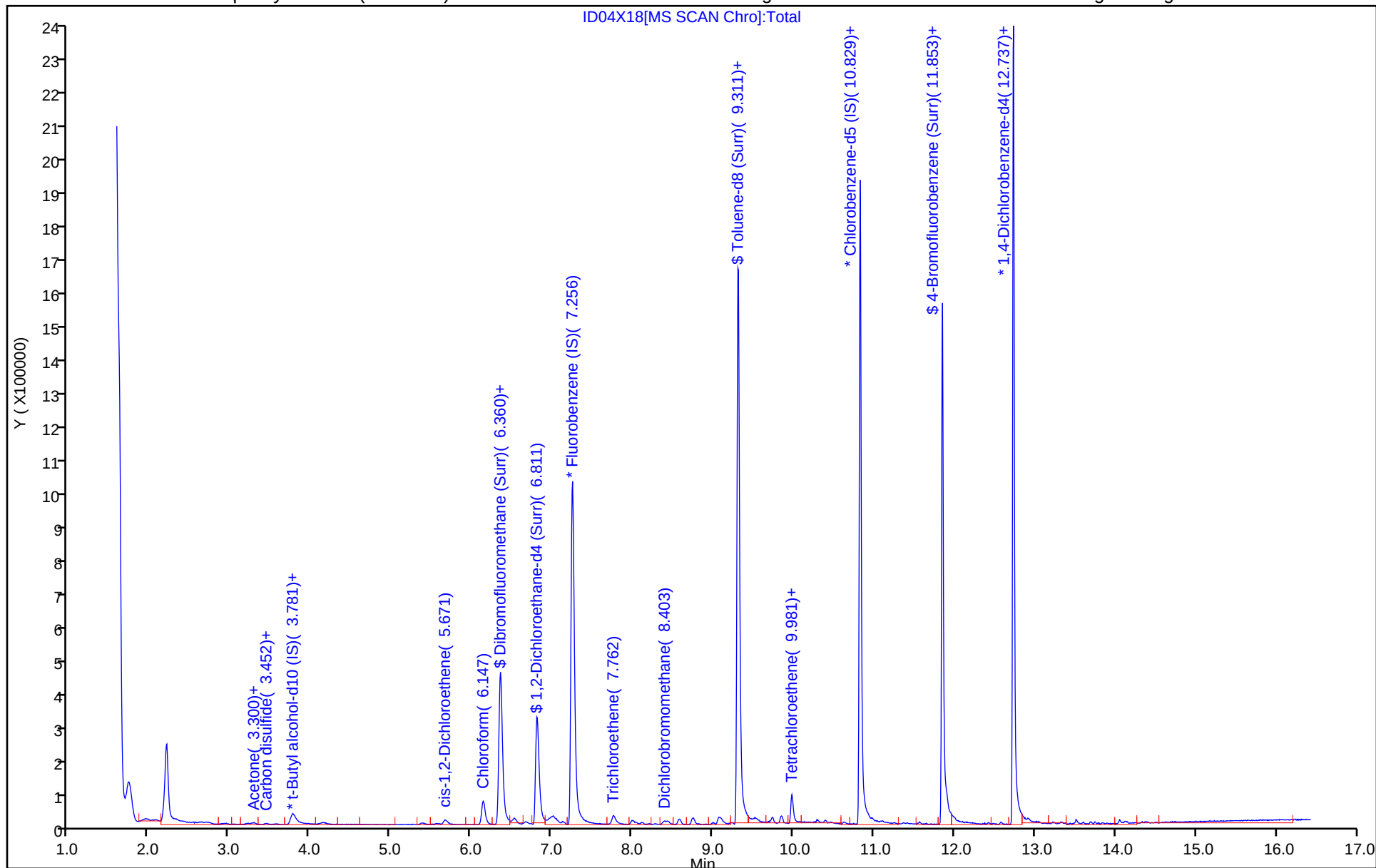
ALS Bottle#: 18

Method: 8260 25ml HP31

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\19930\20251204-168823.b\ID04X18.D
Lims ID: 410-254861-B-10
Client ID: HD-COD-SW-27-0/1-0
Sample Type: Client
Inject. Date: 04-Dec-2025 15:19:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168823-019
Operator ID: ecr105096 Instrument ID: 19930
Method: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\8260 25ml HP31.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 09:31:49 Calib Date: 21-Aug-2025 16:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250821-157302.b\IG21X08.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 09:31:49

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	10.0	10.5	104.55
\$ 56 1,2-Dichloroethane-d4 (Surr)	10.0	10.2	101.75
\$ 78 Toluene-d8 (Surr)	10.0	10.0	100.07
\$ 120 4-Bromofluorobenzene (Surr)	10.0	9.16	91.63

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X18.D

Injection Date: 04-Dec-2025 15:19:30

Instrument ID: 19930

Lims ID: 410-254861-B-10

Lab Sample ID: 410-254861-10

Client ID: HD-COD-SW-27-0/1-0

Operator ID: ecr105096

ALS Bottle#: 18

Worklist Smp#: 19

Purge Vol: 25.000 mL

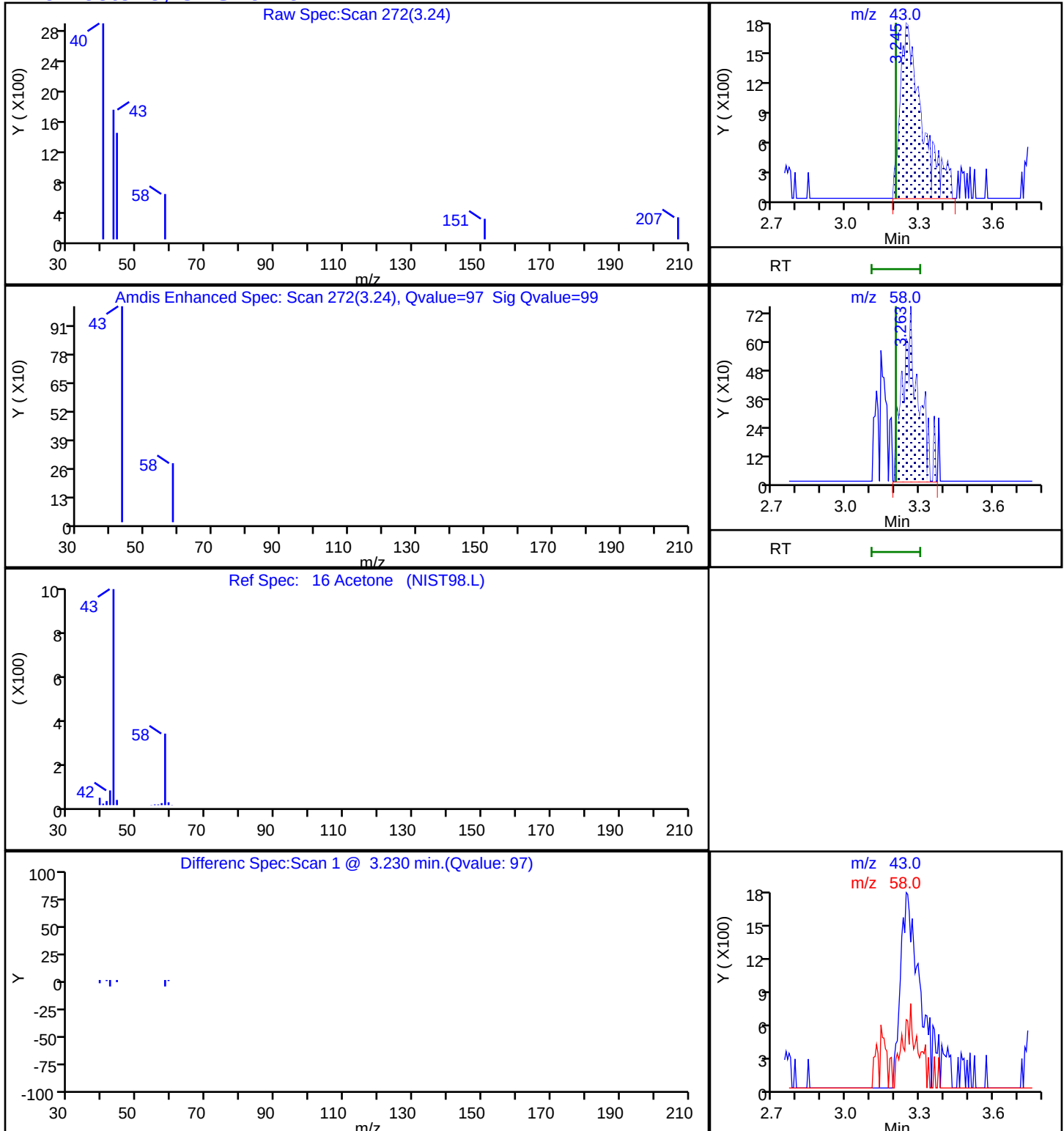
Dil. Factor: 1.0000

Method: 8260 25ml HP31

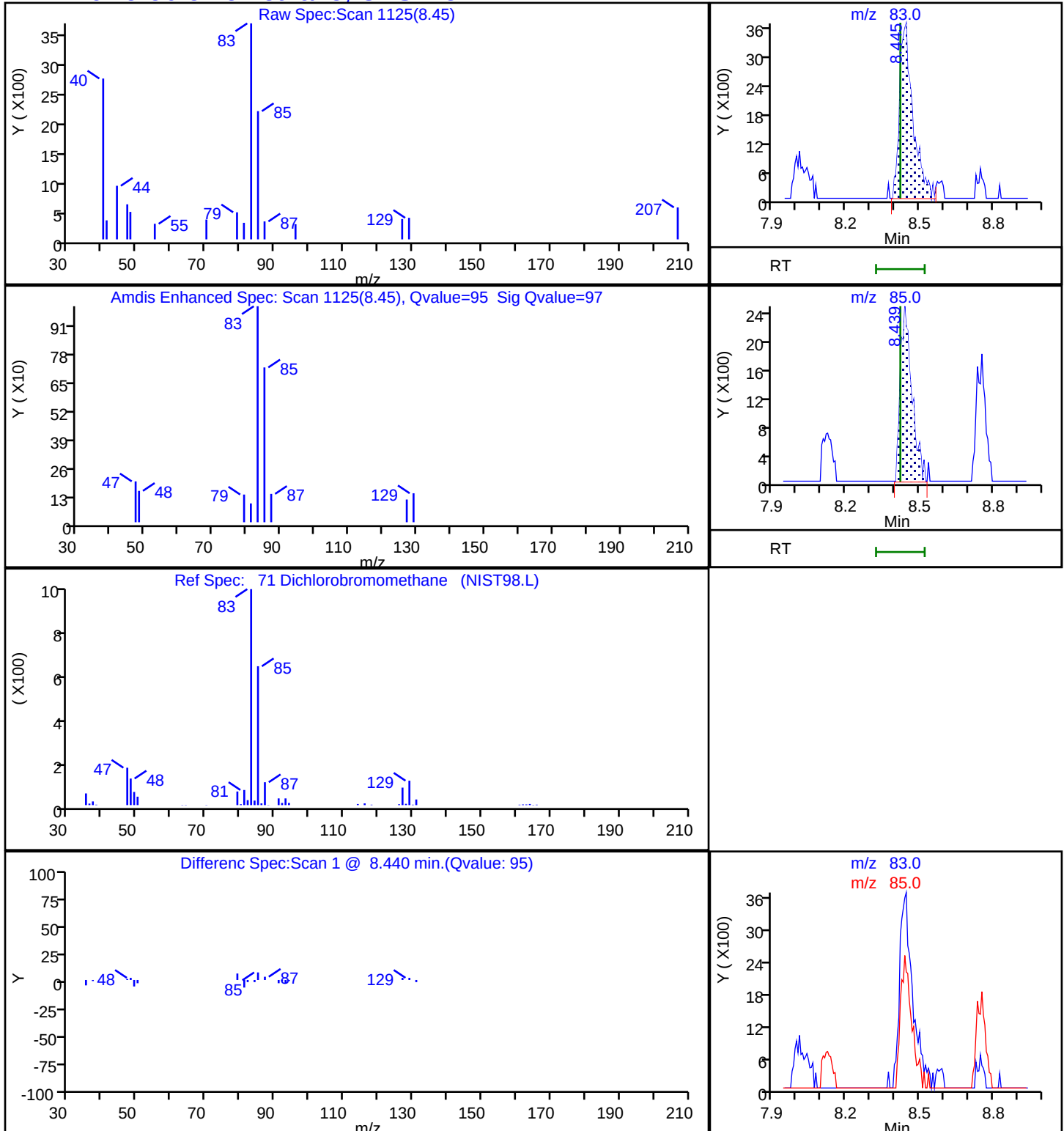
Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

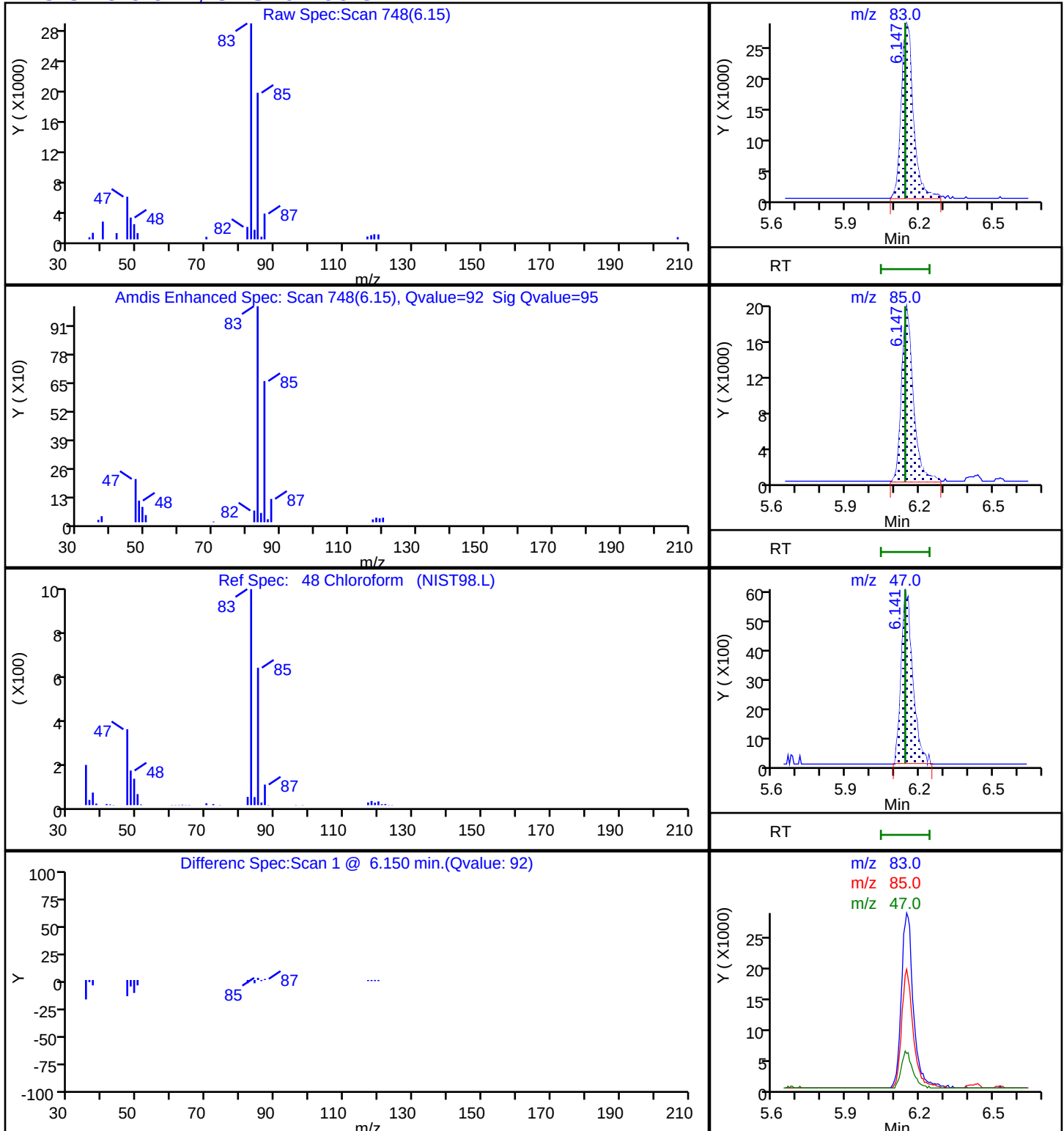
MS Quad

16 Acetone, CAS: 67-64-1

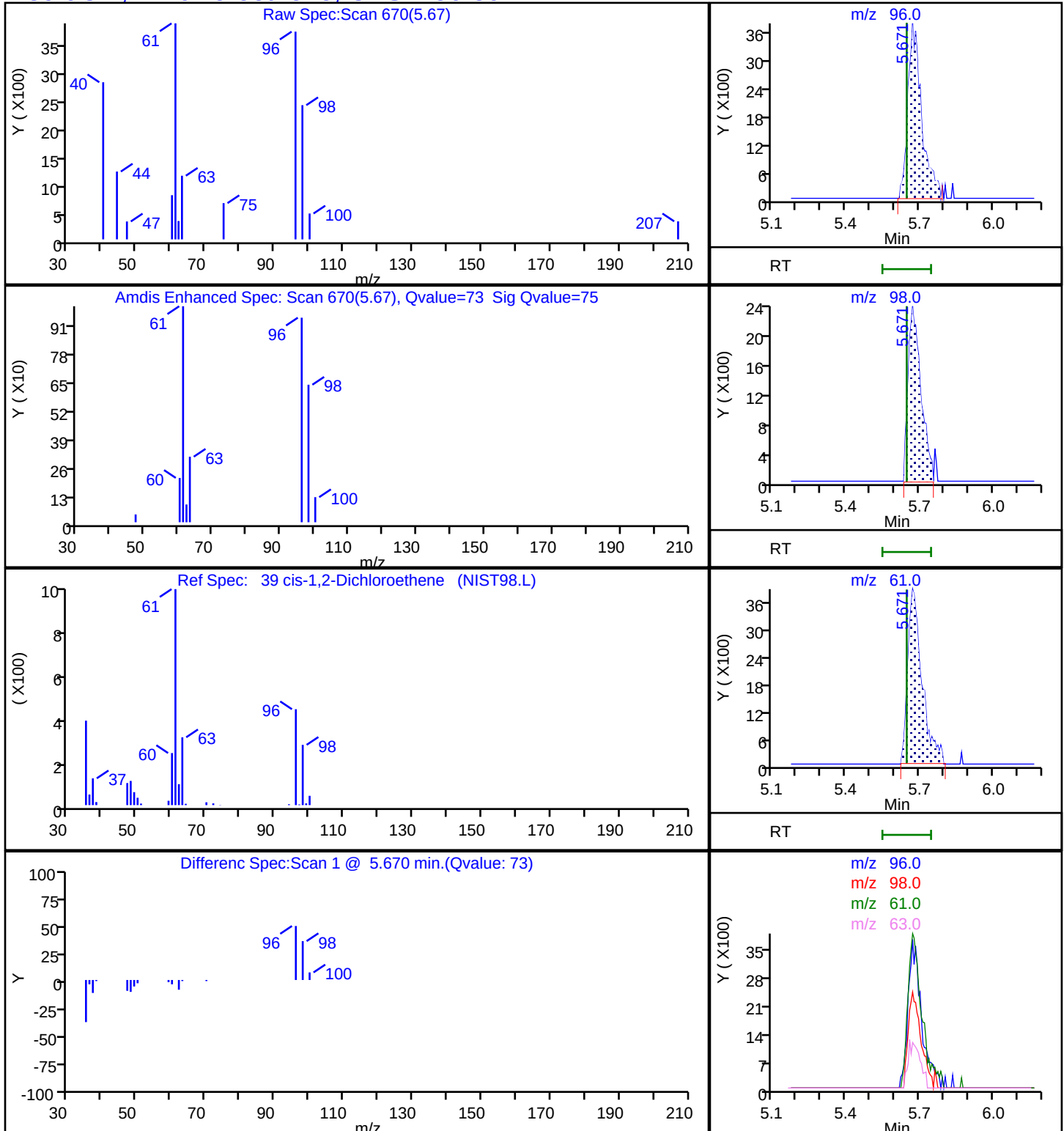
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Injection Date: 04-Dec-2025 15:19:30 Instrument ID: 19930
Lims ID: 410-254861-B-10 Lab Sample ID: 410-254861-10
Client ID: HD-COD-SW-27-0/1-0
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

71 Dichlorobromomethane, CAS: 75-27-4

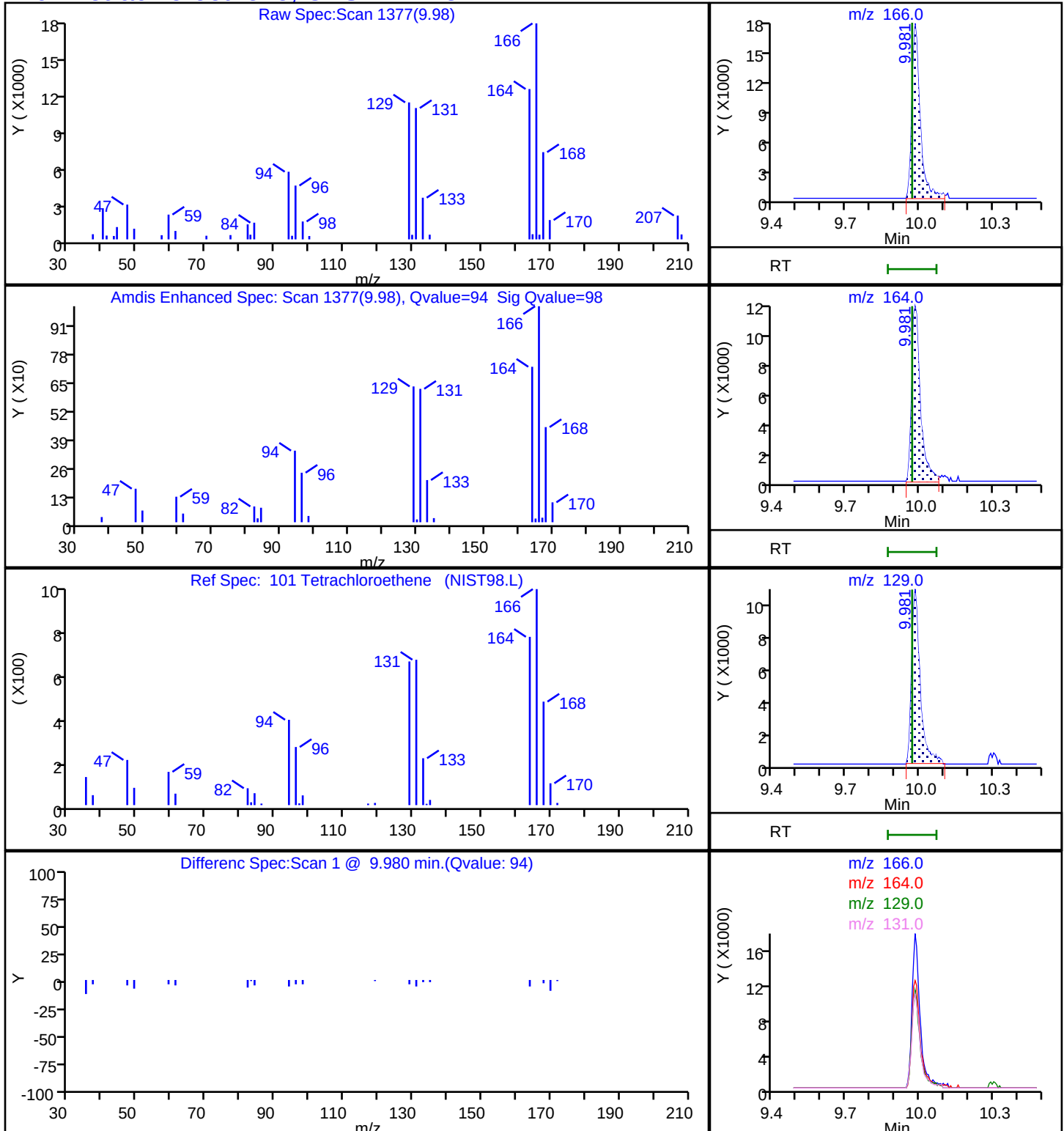
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Injection Date: 04-Dec-2025 15:19:30 Instrument ID: 19930
Lims ID: 410-254861-B-10 Lab Sample ID: 410-254861-10
Client ID: HD-COD-SW-27-0/1-0
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) MS Quad

48 Chloroform, CAS: 67-66-3

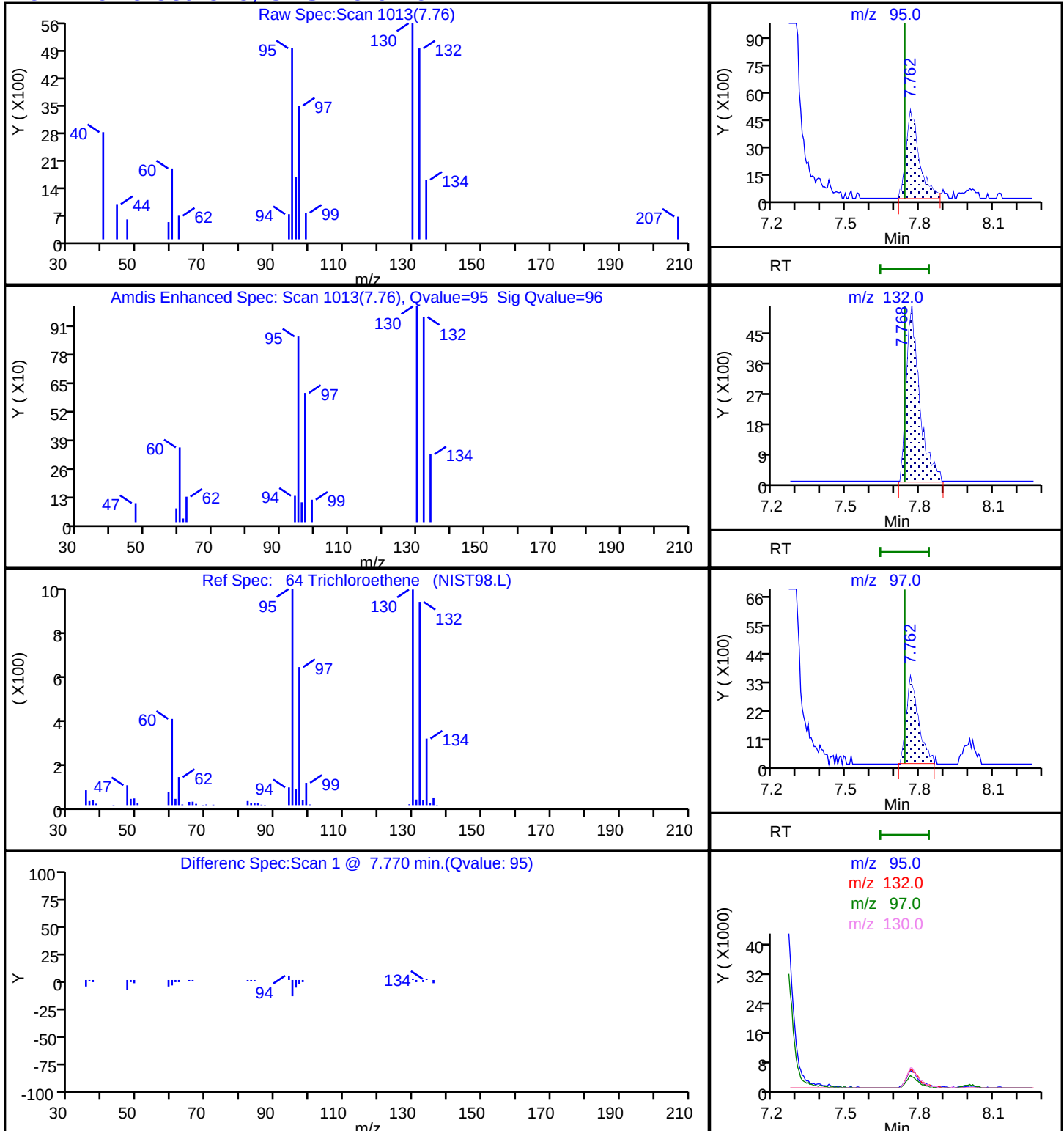
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Injection Date: 04-Dec-2025 15:19:30 Instrument ID: 19930
Lims ID: 410-254861-B-10 Lab Sample ID: 410-254861-10
Client ID: HD-COD-SW-27-0/1-0
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

39 cis-1,2-Dichloroethene, CAS: 156-59-2

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X18.D
Injection Date: 04-Dec-2025 15:19:30 Instrument ID: 19930
Lims ID: 410-254861-B-10 Lab Sample ID: 410-254861-10
Client ID: HD-COD-SW-27-0/1-0
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

101 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X18.D
Injection Date: 04-Dec-2025 15:19:30 Instrument ID: 19930
Lims ID: 410-254861-B-10 Lab Sample ID: 410-254861-10
Client ID: HD-COD-SW-27-0/1-0
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

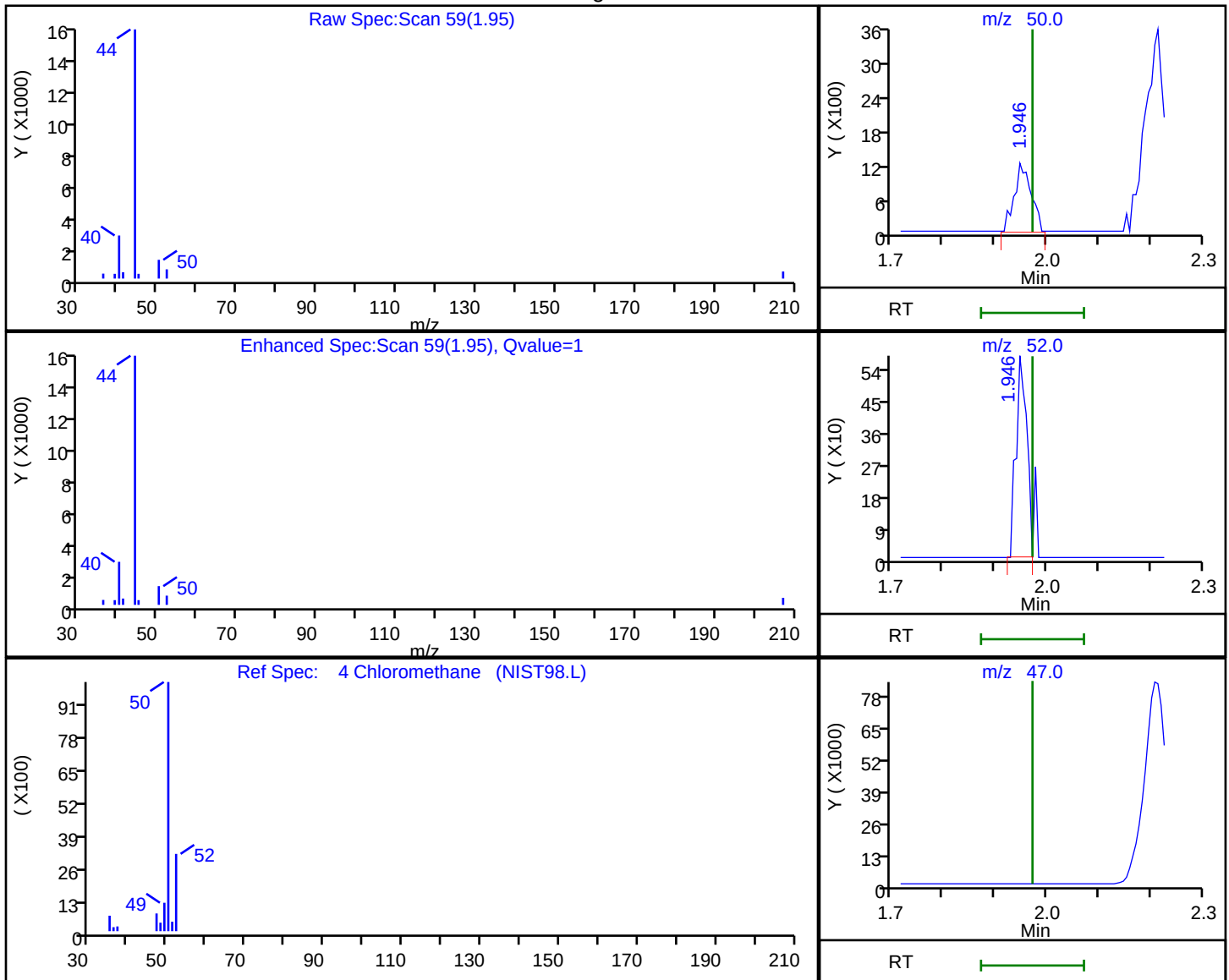
64 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X18.D
Injection Date: 04-Dec-2025 15:19:30 Instrument ID: 19930
Lims ID: 410-254861-B-10 Lab Sample ID: 410-254861-10
Client ID: HD-COD-SW-27-0/1-0
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

4 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.95	50.00	2646	0.035062
1.95	52.00	841	
1.97	47.00	0	

Reviewer: FQ4L, 05-Dec-2025 09:31:27 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

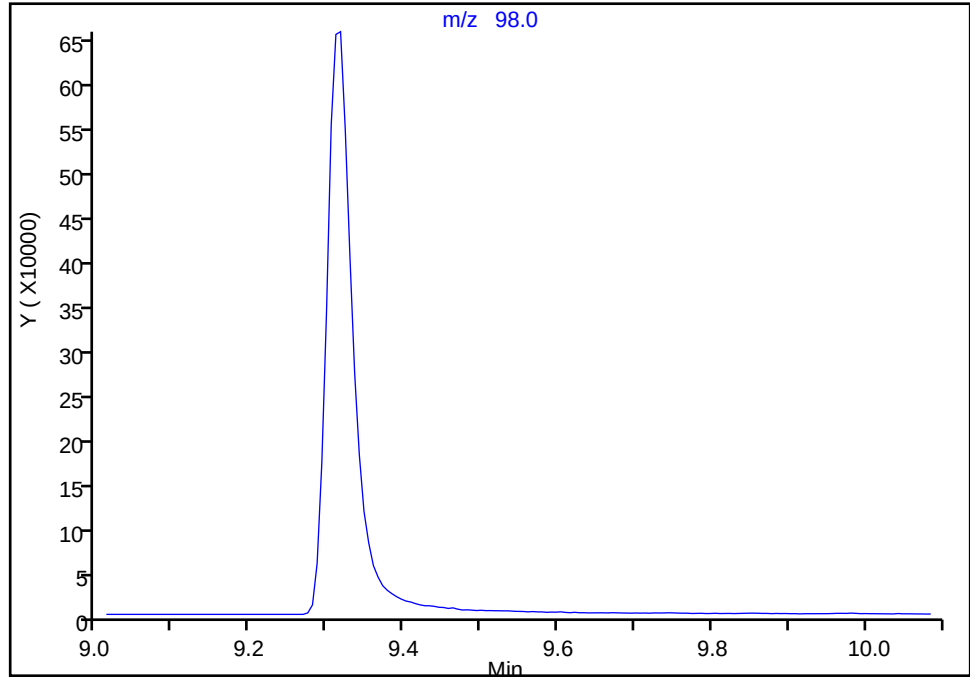
Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X18.D
Injection Date: 04-Dec-2025 15:19:30 Instrument ID: 19930
Lims ID: 410-254861-B-10 Lab Sample ID: 410-254861-10
Client ID: HD-COD-SW-27-0/1-0
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

\$ 78 Toluene-d8 (Surr), CAS: 2037-26-5

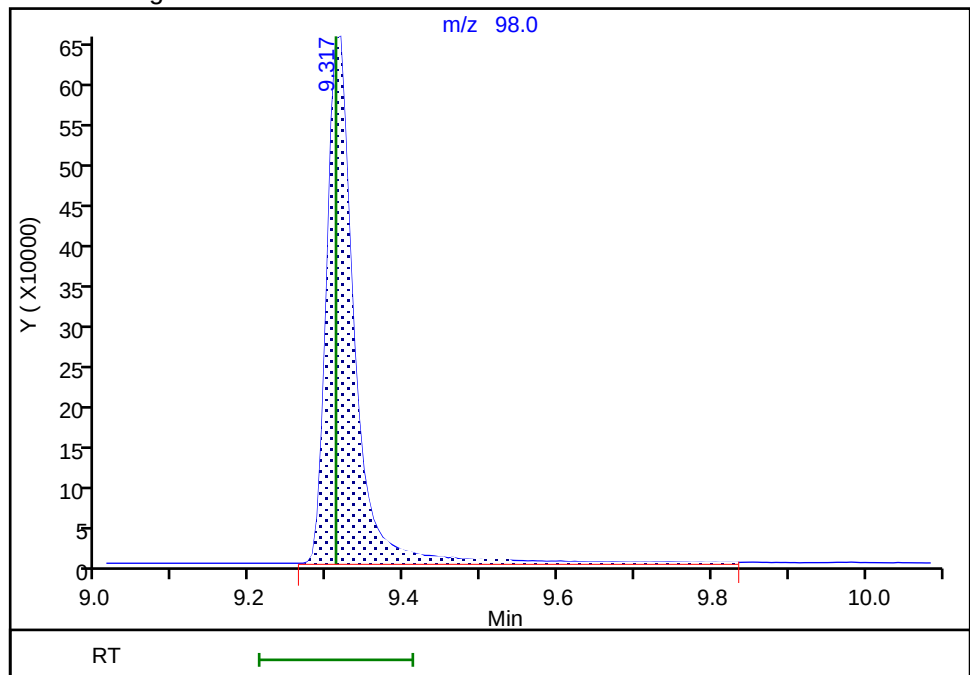
Signal: 1

Not Detected
Expected RT: 9.31

Processing Integration Results



Manual Integration Results



RT: 9.32
Area: 1658732
Amount: 10.007422
Amount Units: ug/l

Reviewer: FQ4L, 05-Dec-2025 09:31:21 07:00:00 (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.: 410-254861-1

SDG No.:

Client Sample ID: HD-COD-SW-28-0/1-0

Lab Sample ID: 410-254861-11

Matrix: Water

Lab File ID: ID04X19.D

Analysis Method: 8260D

Date Collected: 11/24/2025 13:12

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 15:40

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738847

Units: ug/L

Preparation Batch No.:

Instrument ID: 19930

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.070
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	ND		0.50	0.10
75-35-4	1,1-Dichloroethene	ND		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND	^c cn	1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	0.13	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	0.15	J	0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	0.24	J	0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-28-0/1-0 Lab Sample ID: 410-254861-11

Matrix: Water Lab File ID: ID04X19.D

Analysis Method: 8260D Date Collected: 11/24/2025 13:12

Sample wt/vol: 25 (mL) Date Analyzed: 12/04/2025 15:40

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738847 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 19930

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	0.18	J	0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		80-120
460-00-4	4-Bromofluorobenzene (Surr)	94		80-120
1868-53-7	Dibromofluoromethane (Surr)	106		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X19.D
 Lims ID: 410-254861-B-11
 Client ID: HD-COD-SW-28-0/1-0
 Sample Type: Client
 Inject. Date: 04-Dec-2025 15:40:30 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168823-020
 Operator ID: ecr105096 Instrument ID: 19930
 Method: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\8260 25ml HP31.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 09:31:49 Calib Date: 21-Aug-2025 16:36:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250821-157302.b\IG21X08.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 09:33:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		1.971				ND	7
5 Vinyl chloride	62		2.075				ND	
7 Bromomethane	94		2.379				ND	
8 Chloroethane	64		2.422				ND	
15 1,1-Dichloroethene	96		3.184				ND	
16 Acetone	43	3.276	3.202	0.074	32	8113	1.28	
20 Carbon disulfide	76	3.452	3.458	-0.006	94	6238	0.0428	
25 Methylene Chloride	84		3.775				ND	
* 26 t-Butyl alcohol-d10 (IS)	65	3.794	3.788	0.006	26	134316	50.0	
29 Methyl tert-butyl ether	73		4.141				ND	
30 trans-1,2-Dichloroethene	96		4.153				ND	
32 1,1-Dichloroethane	63		4.806				ND	
38 2-Butanone (MEK)	43		5.617				ND	
39 cis-1,2-Dichloroethene	96	5.690	5.647	0.043	75	9832	0.1463	
46 Chlorobromomethane	128		5.982				ND	
48 Chloroform	83	6.165	6.141	0.024	91	13726	0.1255	
\$ 49 Dibromofluoromethane (Surr)	113	6.366	6.360	0.006	94	525056	10.6	
50 1,1,1-Trichloroethane	97		6.366				ND	7
54 Carbon tetrachloride	117		6.580				ND	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	6.817	6.811	0.006	62	104355	10.4	
57 Benzene	78		6.842				ND	
58 1,2-Dichloroethane	62		6.915				ND	
* 61 Fluorobenzene (IS)	96	7.263	7.257	0.006	100	1820144	10.0	
64 Trichloroethene	95	7.775	7.738	0.037	95	12457	0.1835	
66 1,2-Dichloropropane	63		8.067				ND	
71 Dichlorobromomethane	83		8.421				ND	7
76 cis-1,3-Dichloropropene	75		8.982				ND	
77 4-Methyl-2-pentanone (MIBK)	43		9.165				ND	
\$ 78 Toluene-d8 (Surr)	98	9.317	9.311	0.006	93	1847566	9.97	
79 Toluene	92	9.408	9.390	0.018	99	7247	0.0454	
97 trans-1,3-Dichloropropene	75		9.671				ND	
100 1,1,2-Trichloroethane	97		9.878				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
101 Tetrachloroethene	166	9.988	9.969	0.019	94	23374	0.2398	
103 2-Hexanone	43		10.104				ND	
105 Chlorodibromomethane	129		10.268				ND	
106 Ethylene Dibromide	107		10.384				ND	
* 107 Chlorobenzene-d5 (IS)	117	10.829	10.829	0.000	83	1473112	10.0	
109 Chlorobenzene	112		10.853				ND	
111 1,1,1,2-Tetrachloroethane	131		10.939				ND	
112 Ethylbenzene	91		10.945				ND	
113 m-Xylene & p-Xylene	106		11.061				ND	7
S 110 Xylenes, Total	106		11.245				ND	7
114 o-Xylene	106		11.396				ND	
115 Styrene	104		11.414				ND	
116 Bromoform	173		11.573				ND	
\$ 120 4-Bromofluorobenzene (Surr)	95	11.853	11.847	0.006	97	629830	9.38	
121 1,1,2,2-Tetrachloroethane	83		11.951				ND	
* 135 1,4-Dichlorobenzene-d4	152	12.737	12.731	0.006	93	844160	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_LLcentISS_00019

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 05-Dec-2025 09:33:13

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X19.D

Injection Date: 04-Dec-2025 15:40:30

Instrument ID: 19930

Operator ID: ecr105096

Lims ID: 410-254861-B-11

Lab Sample ID: 410-254861-11

Worklist Smp#: 20

Client ID: HD-COD-SW-28-0/1-0

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

ALS Bottle#: 19

Method: 8260 25ml HP31

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

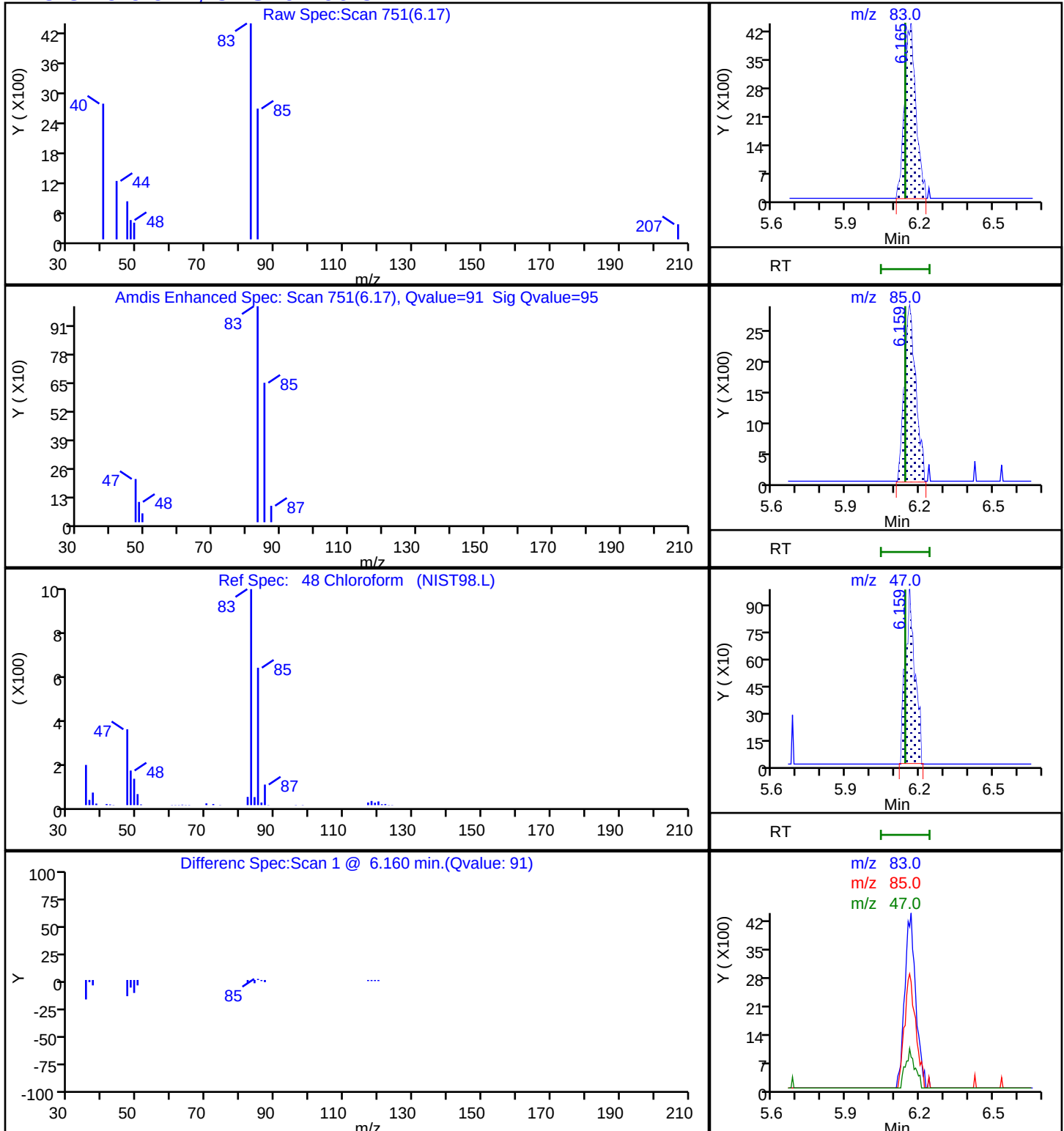
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Lims ID: 410-254861-B-11
Client ID: HD-COD-SW-28-0/1-0
Sample Type: Client
Inject. Date: 04-Dec-2025 15:40:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168823-020
Operator ID: ecr105096 Instrument ID: 19930
Method: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\8260 25ml HP31.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 09:31:49 Calib Date: 21-Aug-2025 16:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250821-157302.b\IG21X08.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 09:33:12

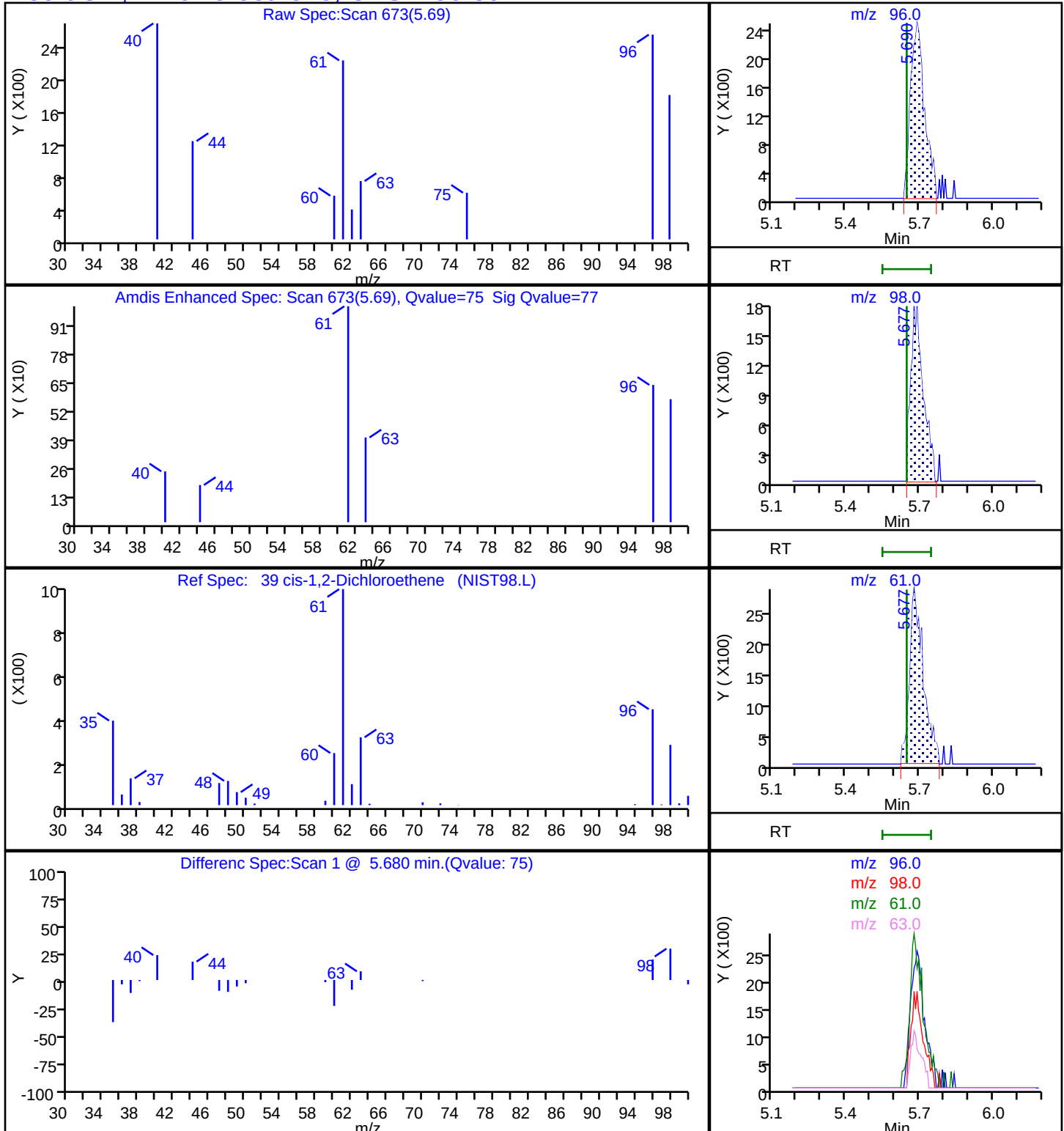
Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	10.0	10.6	105.93
\$ 56 1,2-Dichloroethane-d4 (Surr)	10.0	10.4	104.07
\$ 78 Toluene-d8 (Surr)	10.0	9.97	99.66
\$ 120 4-Bromofluorobenzene (Surr)	10.0	9.38	93.76

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X19.D
Injection Date: 04-Dec-2025 15:40:30 Instrument ID: 19930
Lims ID: 410-254861-B-11 Lab Sample ID: 410-254861-11
Client ID: HD-COD-SW-28-0/1-0
Operator ID: ecr105096 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) MS Quad

48 Chloroform, CAS: 67-66-3

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X19.D
Injection Date: 04-Dec-2025 15:40:30 Instrument ID: 19930
Lims ID: 410-254861-B-11 Lab Sample ID: 410-254861-11
Client ID: HD-COD-SW-28-0/1-0
Operator ID: ecr105096 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

39 cis-1,2-Dichloroethene, CAS: 156-59-2

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X19.D

Injection Date: 04-Dec-2025 15:40:30

Instrument ID: 19930

Lims ID: 410-254861-B-11

Lab Sample ID: 410-254861-11

Client ID: HD-COD-SW-28-0/1-0

Operator ID: ecr105096

ALS Bottle#: 19

Worklist Smp#: 20

Purge Vol: 25.000 mL

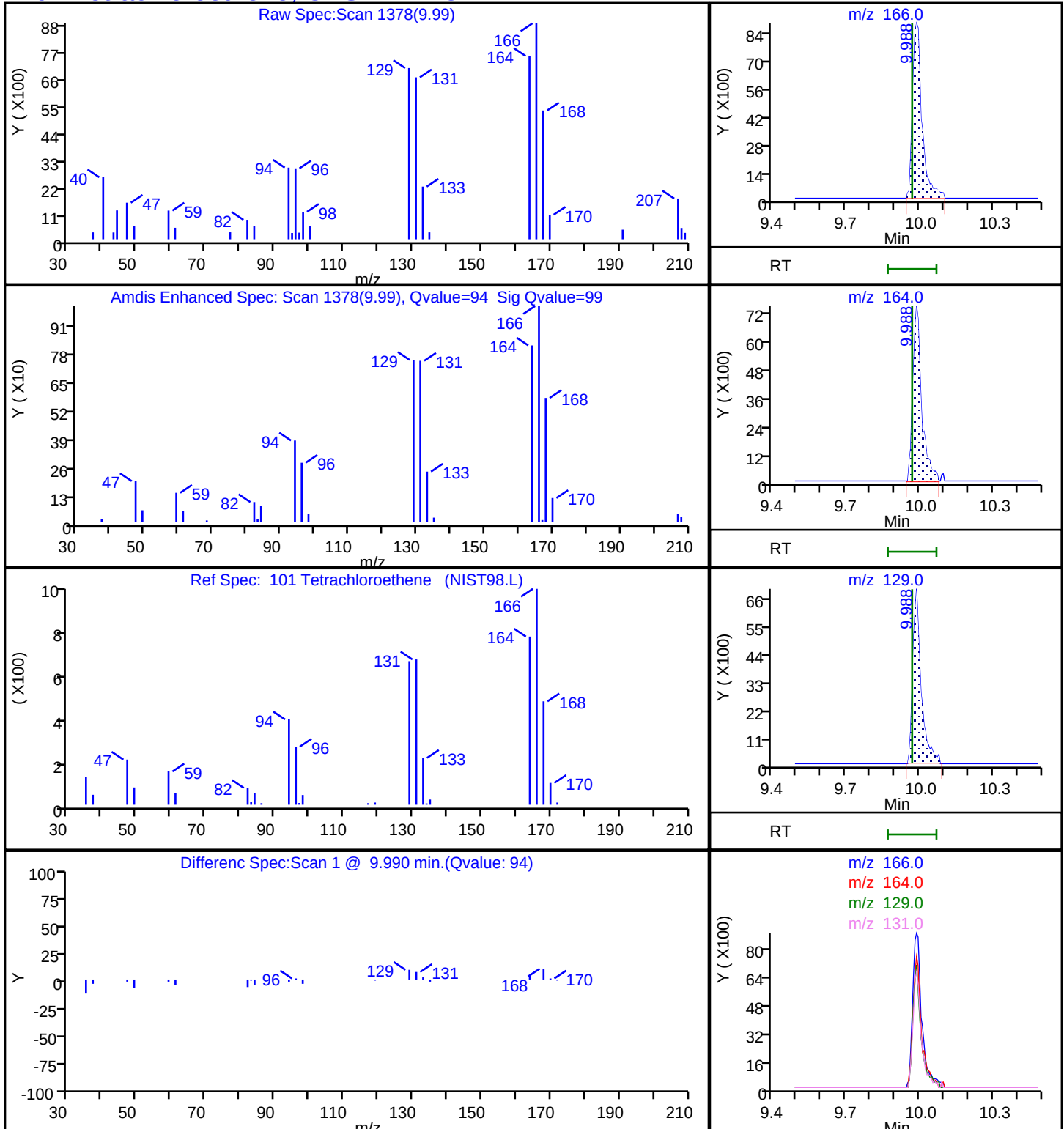
Dil. Factor: 1.0000

Method: 8260 25ml HP31

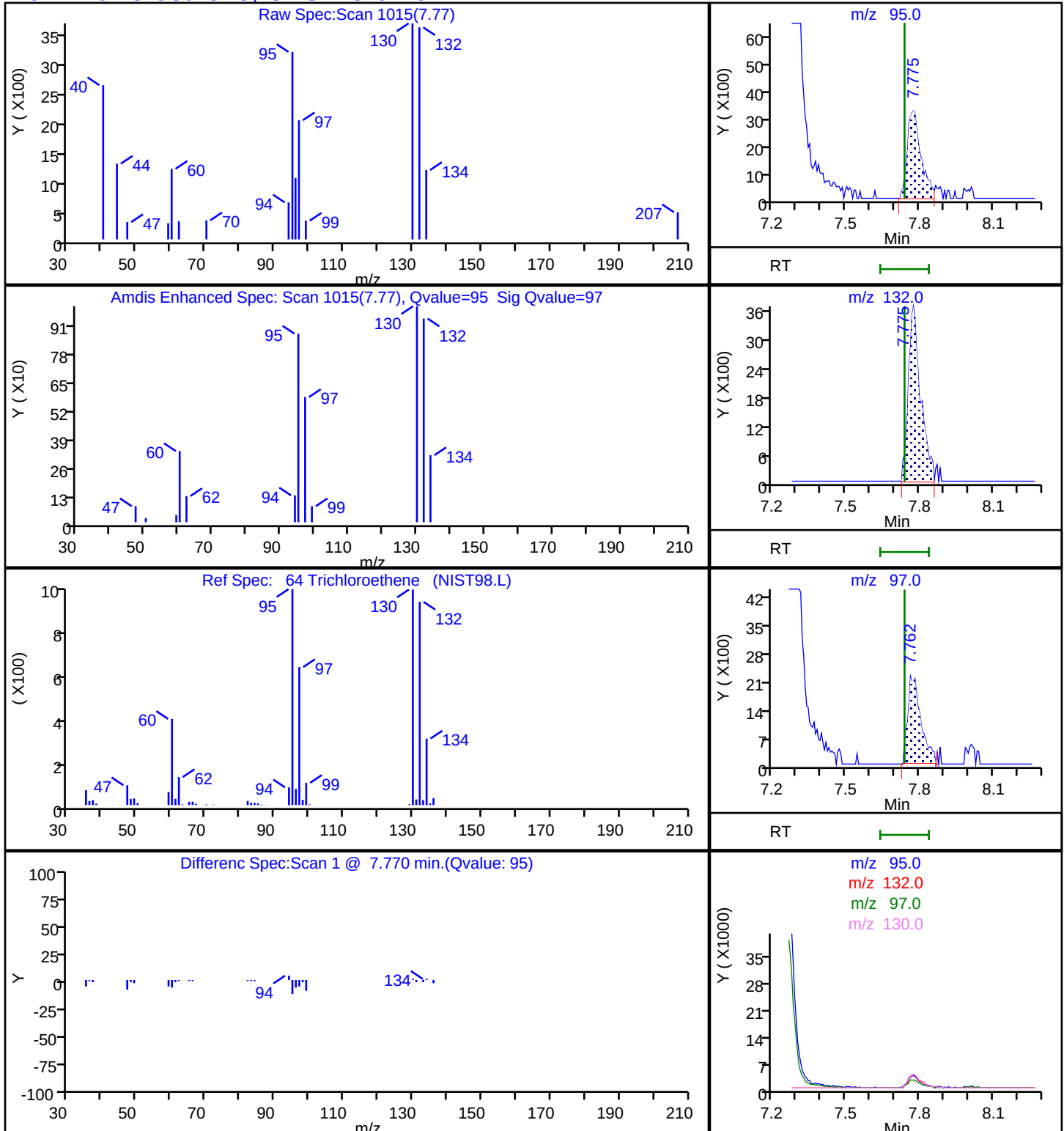
Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

101 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X19.D
Injection Date: 04-Dec-2025 15:40:30 Instrument ID: 19930
Lims ID: 410-254861-B-11 Lab Sample ID: 410-254861-11
Client ID: HD-COD-SW-28-0/1-0
Operator ID: ecr105096 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) 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.: 410-254861-1

SDG No.:

Client Sample ID: HD-COD-SW-29-0/1-0

Lab Sample ID: 410-254861-12

Matrix: Water

Lab File ID: GD03X20.D

Analysis Method: 8260D

Date Collected: 11/24/2025 09:25

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 04:51

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738640

Units: ug/L

Preparation Batch No.:

Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.070
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	ND		0.50	0.10
75-35-4	1,1-Dichloroethene	ND		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	1.9	J	5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	0.11	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	0.32	J	0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	0.86		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-29-0/1-0 Lab Sample ID: 410-254861-12

Matrix: Water Lab File ID: GD03X20.D

Analysis Method: 8260D Date Collected: 11/24/2025 09:25

Sample wt/vol: 25 (mL) Date Analyzed: 12/04/2025 04:51

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738640 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	0.38	J	0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	96		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\16334\20251203-168772.b\GD03X20.D
 Lims ID: 410-254861-A-12
 Client ID: HD-COD-SW-29-0/1-0
 Sample Type: Client
 Inject. Date: 04-Dec-2025 04:51:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168772-021
 Operator ID: ncc117024 Instrument ID: 16334
 Method: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 04-Dec-2025 17:18:39 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1715

First Level Reviewer: LT2Q

Date: 04-Dec-2025 17:18:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	2.129	2.123	0.006	95	2766	0.0534	
6 Vinyl chloride	62		2.239				ND	7
9 Bromomethane	94		2.562				ND	
10 Chloroethane	64		2.654				ND	
18 1,1-Dichloroethene	96		3.513				ND	
19 Acetone	43	3.562	3.550	0.012	87	5366	1.86	
24 Carbon disulfide	76		3.806				ND	7
29 Methylene Chloride	84		4.178				ND	
* 30 t-Butyl alcohol-d10 (IS)	65	4.220	4.190	0.030	26	49905	50.0	
33 Methyl tert-butyl ether	73		4.586				ND	
34 trans-1,2-Dichloroethene	96		4.592				ND	
36 1,1-Dichloroethane	63		5.269				ND	
42 2-Butanone (MEK)	43		6.080				ND	
44 cis-1,2-Dichloroethene	96	6.122	6.104	0.018	73	11747	0.3152	
49 Chlorobromomethane	128		6.433				ND	
51 Chloroform	83	6.604	6.592	0.012	88	6749	0.1099	
\$ 52 Dibromofluoromethane (Surr)	113	6.817	6.811	0.006	94	372720	9.60	
53 1,1,1-Trichloroethane	97		6.817				ND	U
56 Carbon tetrachloride	117		7.025				ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.268	7.262	0.006	64	68457	9.45	
60 Benzene	78		7.293				ND	7
61 1,2-Dichloroethane	62		7.366				ND	
* 64 Fluorobenzene (IS)	96	7.707	7.701	0.006	99	1605051	10.0	
68 Trichloroethene	95	8.183	8.177	0.006	97	14233	0.3830	
70 1,2-Dichloropropane	63		8.512				ND	
76 Dichlorobromomethane	83		8.860				ND	
81 cis-1,3-Dichloropropene	75		9.408				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.591				ND	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.713	0.006	93	1541582	9.94	
84 Toluene	92	9.798	9.792	0.006	97	2934	0.0317	
105 trans-1,3-Dichloropropene	75		10.048				ND	
107 1,1,2-Trichloroethane	97		10.256				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
108 Tetrachloroethene	166	10.341	10.341	0.000	96	39711	0.8649	
110 2-Hexanone	43		10.475				ND	
112 Chlorodibromomethane	129		10.628				ND	
113 Ethylene Dibromide	107		10.737				ND	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.170	0.000	84	1205348	10.0	
116 Chlorobenzene	112		11.195				ND	
S 117 Xylenes, Total	106		11.245				ND	7
118 1,1,1,2-Tetrachloroethane	131		11.280				ND	
119 Ethylbenzene	91		11.286				ND	
120 m-Xylene & p-Xylene	106		11.396				ND	7
121 o-Xylene	106		11.725				ND	
122 Styrene	104		11.743				ND	
123 Bromoform	173		11.896				ND	7
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	94	552447	9.90	
128 1,1,2,2-Tetrachloroethane	83		12.274				ND	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	654225	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_29_826ISS_00066

Amount Added: 1.20

Units: uL

Run Reagent

Report Date: 04-Dec-2025 17:18:40

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X20.D

Injection Date: 04-Dec-2025 04:51:30

Instrument ID: 16334

Operator ID: ncc117024

Lims ID: 410-254861-A-12

Lab Sample ID: 410-254861-12

Worklist Smp#: 21

Client ID: HD-COD-SW-29-0/1-0

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

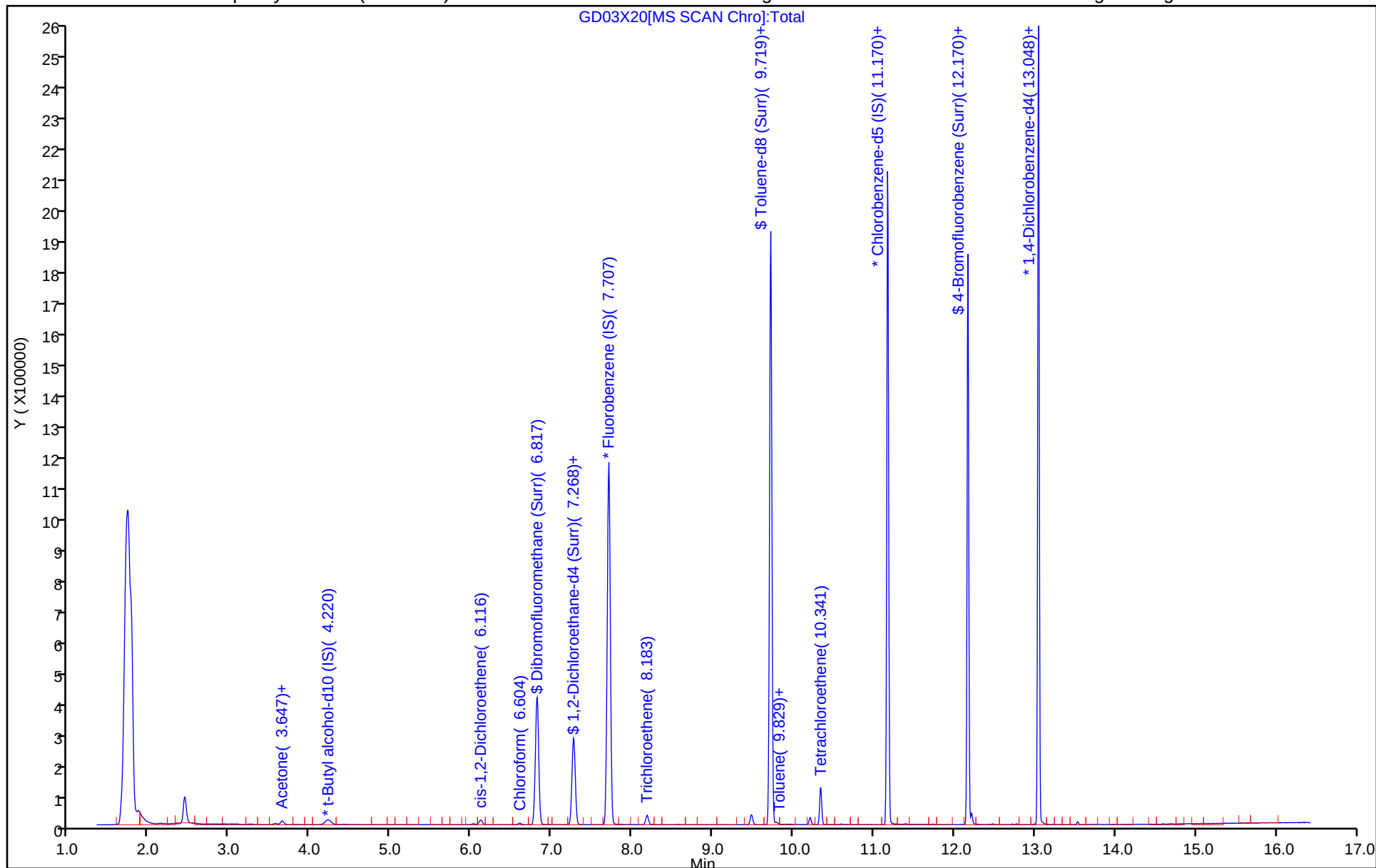
ALS Bottle#: 20

Method: MSV_16334_25mL

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\16334\20251203-168772.b\GD03X20.D
Lims ID: 410-254861-A-12
Client ID: HD-COD-SW-29-0/1-0
Sample Type: Client
Inject. Date: 04-Dec-2025 04:51:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168772-021
Operator ID: ncc117024 Instrument ID: 16334
Method: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\MSV_16334_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 04-Dec-2025 17:18:39 Calib Date: 25-Nov-2025 04:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1715

First Level Reviewer: LT2Q

Date: 04-Dec-2025 17:18:39

Compound	Amount Added	Amount Recovered	% Rec.
\$ 52 Dibromofluoromethane (Surr)	10.0	9.60	96.02
\$ 59 1,2-Dichloroethane-d4 (Surr)	10.0	9.45	94.50
\$ 83 Toluene-d8 (Surr)	10.0	9.94	99.37
\$ 127 4-Bromofluorobenzene (Surr)	10.0	9.90	99.00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X20.D

Injection Date: 04-Dec-2025 04:51:30

Instrument ID: 16334

Lims ID: 410-254861-A-12

Lab Sample ID: 410-254861-12

Client ID: HD-COD-SW-29-0/1-0

Operator ID: ncc117024

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 25.000 mL

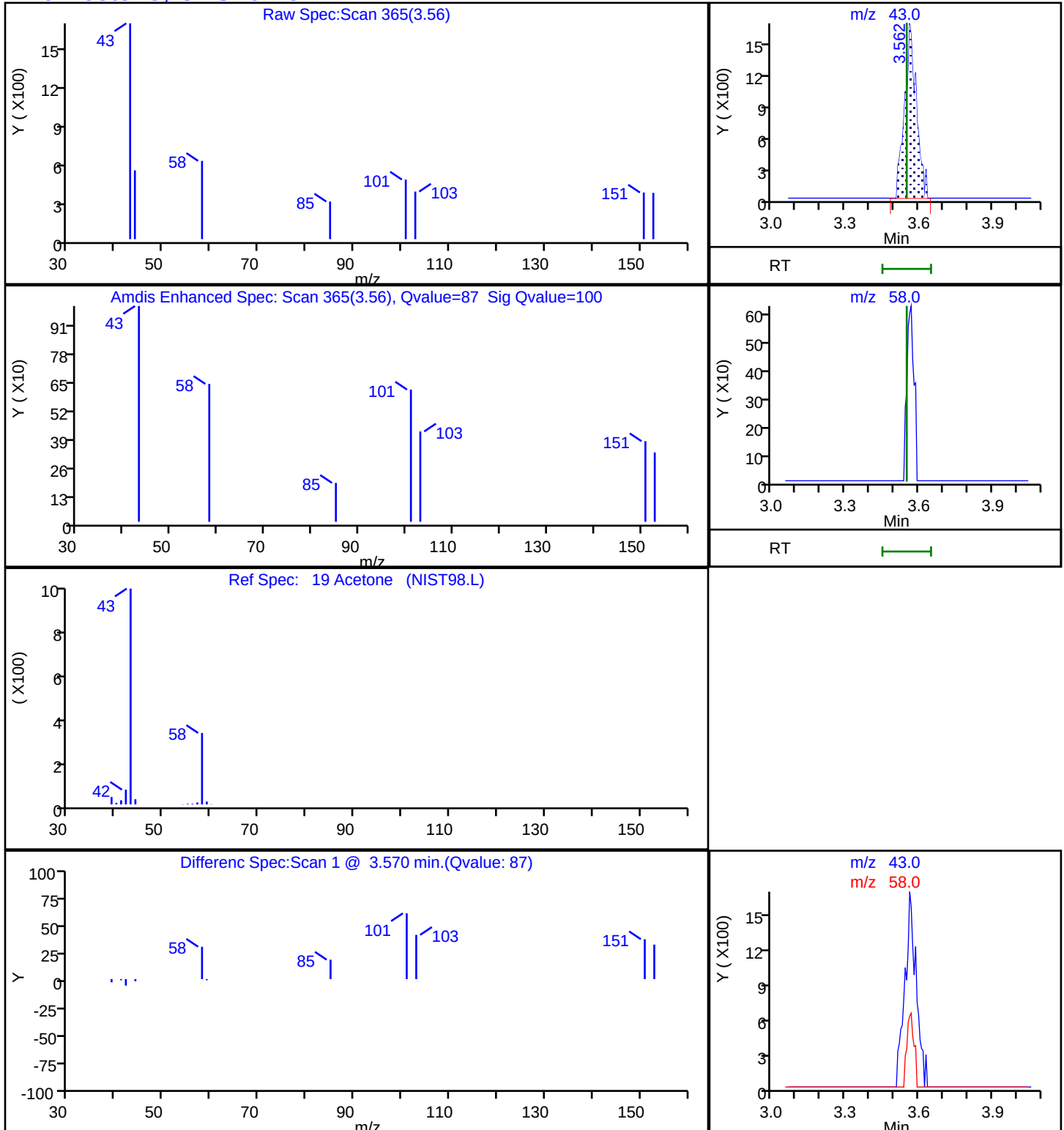
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID) x 30m

MS Quad

19 Acetone, CAS: 67-64-1

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X20.D

Injection Date: 04-Dec-2025 04:51:30

Instrument ID: 16334

Lims ID: 410-254861-A-12

Lab Sample ID: 410-254861-12

Client ID: HD-COD-SW-29-0/1-0

Operator ID: ncc117024

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 25.000 mL

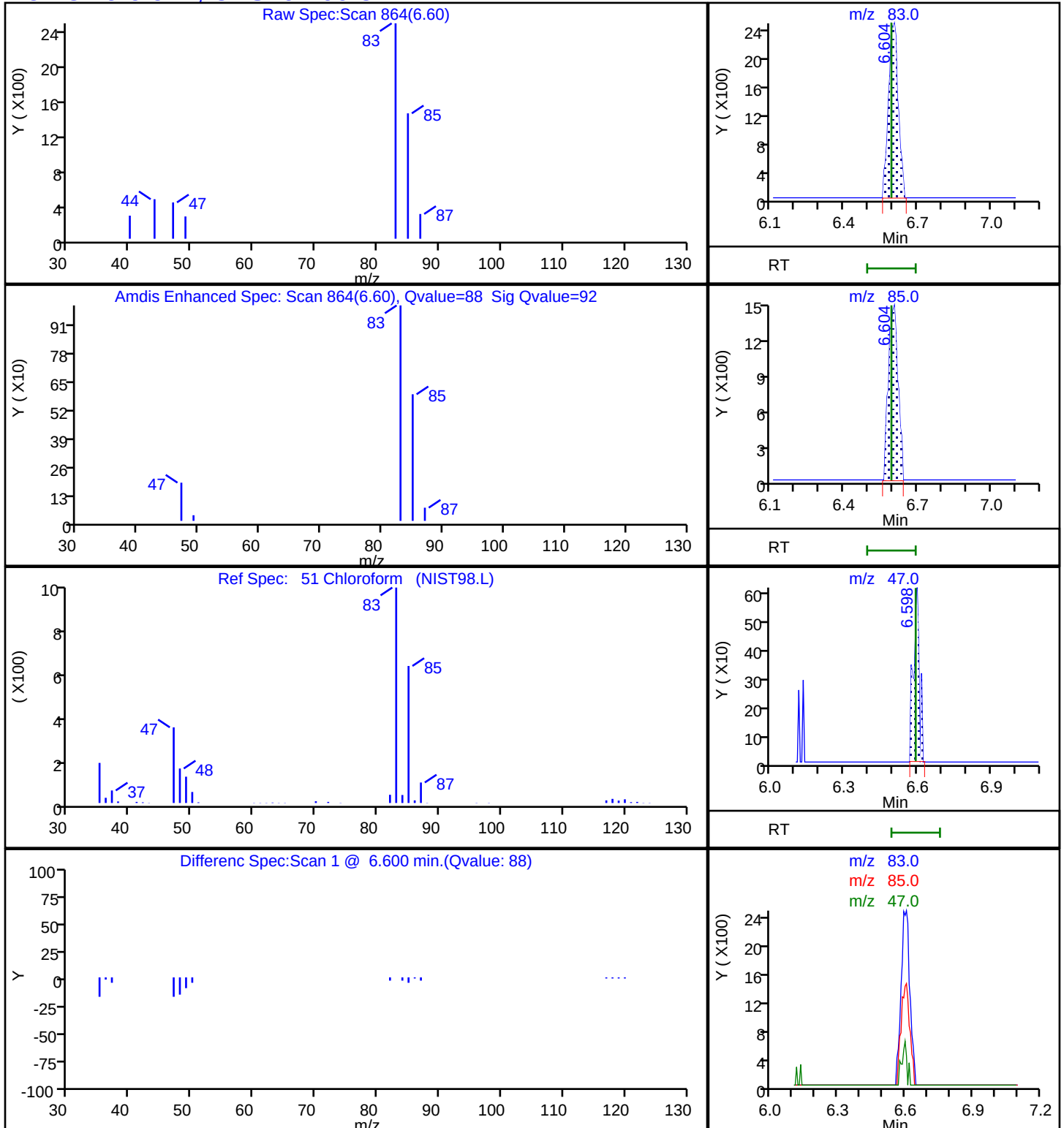
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

51 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X20.D

Injection Date: 04-Dec-2025 04:51:30

Instrument ID: 16334

Lims ID: 410-254861-A-12

Lab Sample ID: 410-254861-12

Client ID: HD-COD-SW-29-0/1-0

Operator ID: ncc117024

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 25.000 mL

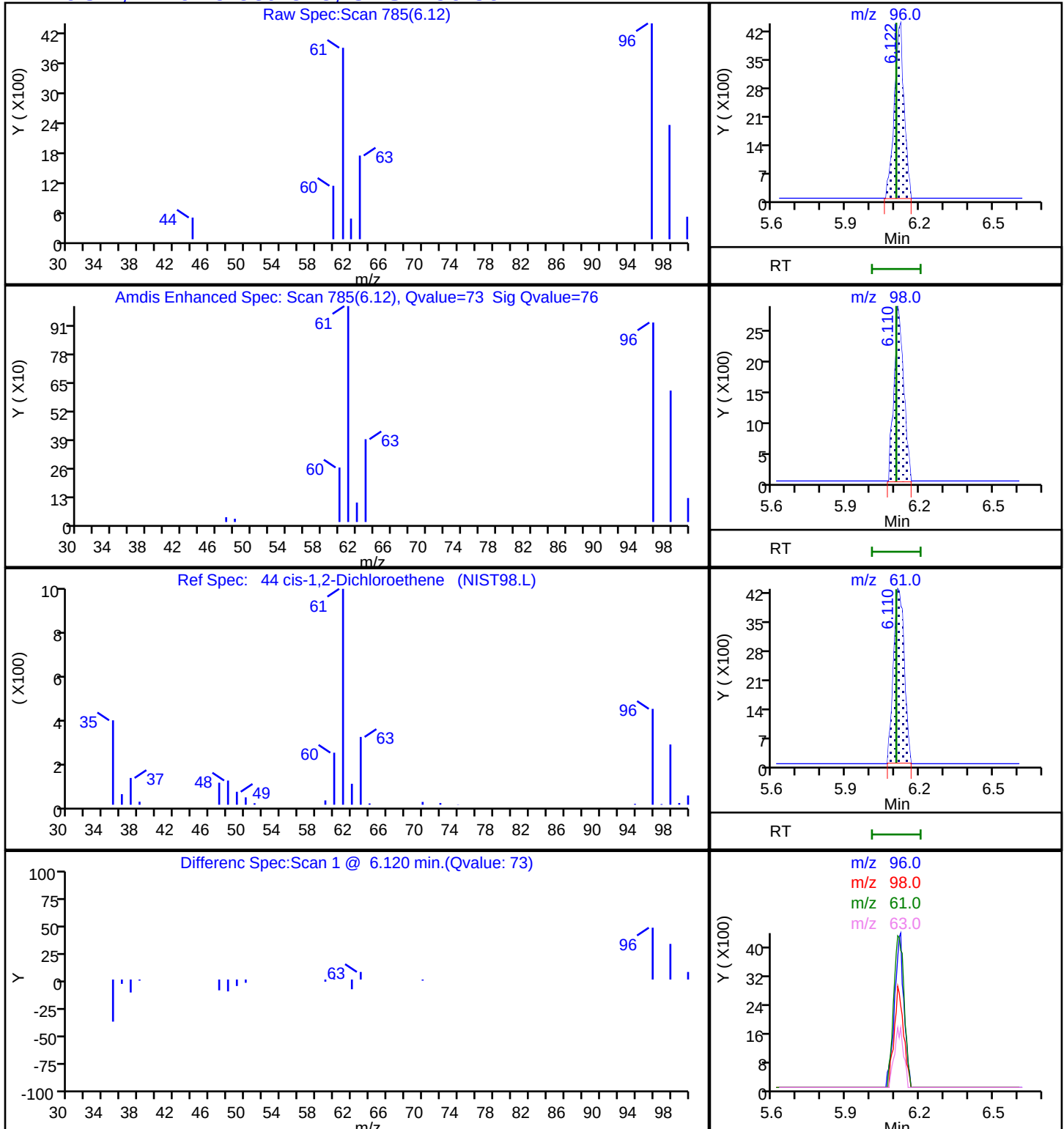
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

44 cis-1,2-Dichloroethene, CAS: 156-59-2

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X20.D

Injection Date: 04-Dec-2025 04:51:30

Instrument ID: 16334

Lims ID: 410-254861-A-12

Lab Sample ID: 410-254861-12

Client ID: HD-COD-SW-29-0/1-0

Operator ID: ncc117024

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 25.000 mL

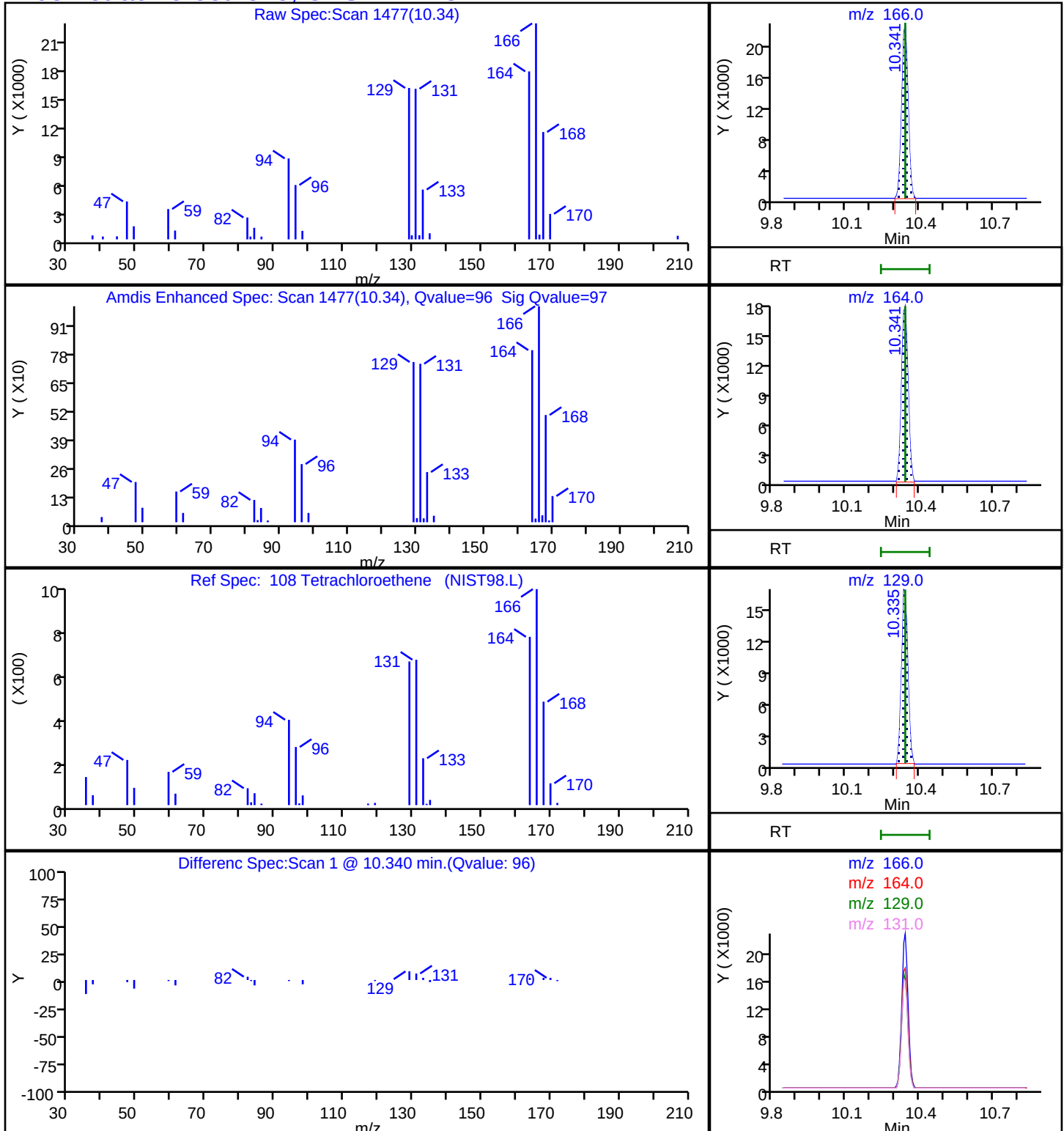
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

108 Tetrachloroethene, CAS: 127-18-4

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X20.D

Injection Date: 04-Dec-2025 04:51:30

Instrument ID: 16334

Lims ID: 410-254861-A-12

Lab Sample ID: 410-254861-12

Client ID: HD-COD-SW-29-0/1-0

Operator ID: ncc117024

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 25.000 mL

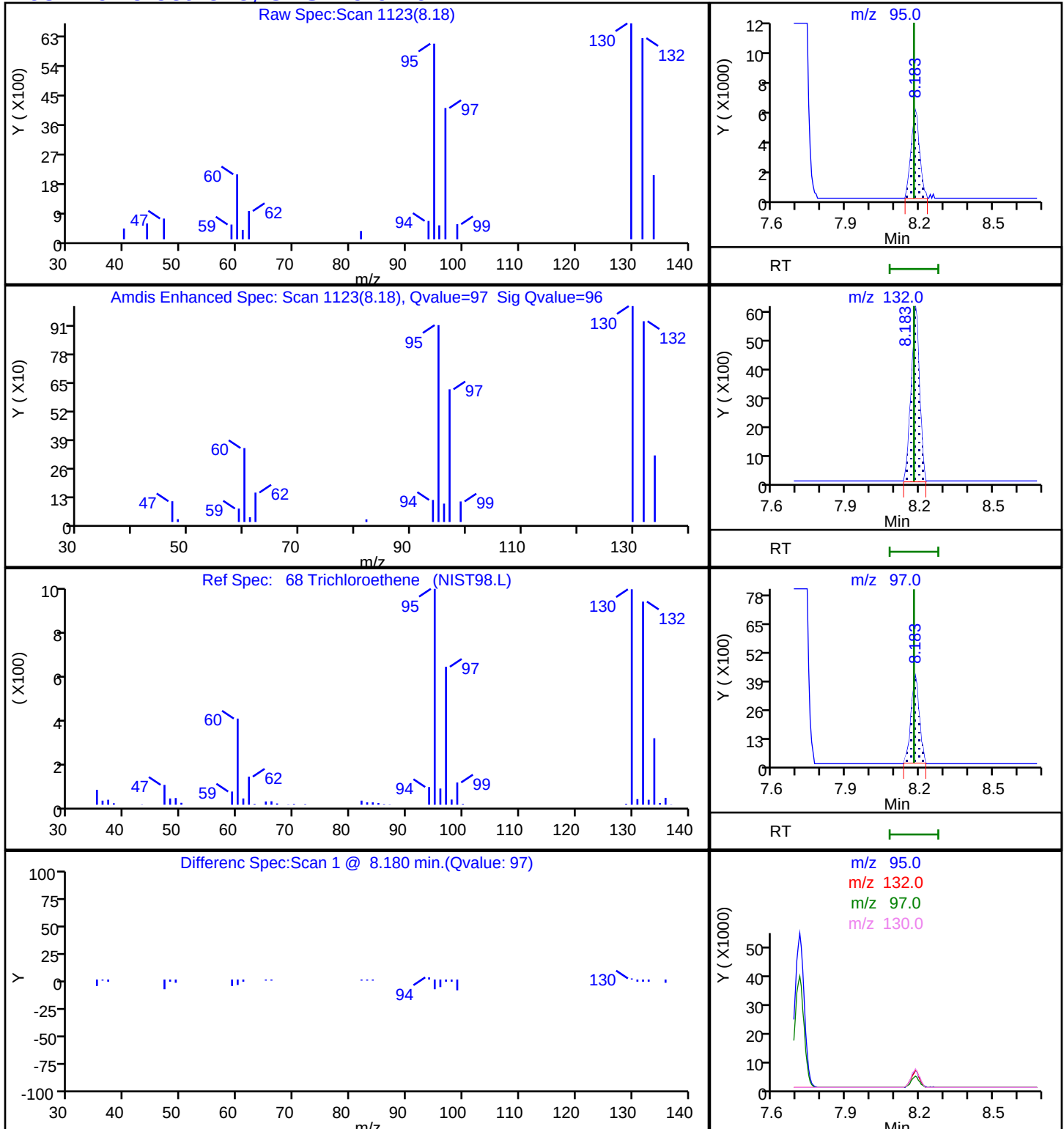
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID) x 30m

MS Quad

68 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID: HD0QC1-0/1-1

Lab Sample ID: 410-254861-13

Matrix: Water

Lab File ID: GD03X21.D

Analysis Method: 8260D

Date Collected: 11/24/2025 12:00

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 05:13

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738640

Units: ug/L

Preparation Batch No.:

Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.070
71-55-6	1,1,1-Trichloroethane	12		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	2.1		0.50	0.10
75-35-4	1,1-Dichloroethene	0.94		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	0.19	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	2.8		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
108-88-3	Toluene	ND		0.50	0.080

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC	Job No.: 410-254861-1
SDG No.:	
Client Sample ID: HD0QC1-0/1-1	Lab Sample ID: 410-254861-13
Matrix: Water	Lab File ID: GD03X21.D
Analysis Method: 8260D	Date Collected: 11/24/2025 12:00
Sample wt/vol: 25 (mL)	Date Analyzed: 12/04/2025 05:13
Soil Aliquot Vol:	Dilution Factor: 1
Soil Extract Vol.:	GC Column: R-624SilMS 30m ID: 0.25 (mm)
Purge Volume: 25.0 (mL)	Heated Purge: (Y/N) N pH:
% Moisture: % Solids:	Level: (low/med) Low
Analysis Batch No.: 738640	Units: ug/L
Preparation Batch No.:	Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	4.7		0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		80-120
460-00-4	4-Bromofluorobenzene (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X21.D
 Lims ID: 410-254861-A-13
 Client ID: HD0QC1-0/1-1
 Sample Type: Client
 Inject. Date: 04-Dec-2025 05:13:30 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168772-022
 Operator ID: ncc117024 Instrument ID: 16334
 Method: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 07:04:25 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 07:04:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		2.123				ND	
6 Vinyl chloride	62		2.239				ND	7
9 Bromomethane	94		2.562				ND	
10 Chloroethane	64		2.654				ND	
18 1,1-Dichloroethene	96	3.513	3.513	0.000	92	27323	0.9443	
19 Acetone	43		3.550				ND	
24 Carbon disulfide	76		3.806				ND	
29 Methylene Chloride	84		4.178				ND	
* 30 t-Butyl alcohol-d10 (IS)	65	4.220	4.190	0.030	22	57449	50.0	
33 Methyl tert-butyl ether	73		4.586				ND	
34 trans-1,2-Dichloroethene	96		4.592				ND	7
36 1,1-Dichloroethane	63	5.275	5.269	0.006	96	116691	2.07	
42 2-Butanone (MEK)	43		6.080				ND	
44 cis-1,2-Dichloroethene	96	6.116	6.104	0.012	77	104390	2.80	
49 Chlorobromomethane	128		6.433				ND	
51 Chloroform	83	6.604	6.592	0.012	91	11692	0.1904	
\$ 52 Dibromofluoromethane (Surr)	113	6.811	6.811	0.000	94	378507	9.75	
53 1,1,1-Trichloroethane	97	6.823	6.817	0.006	97	654910	12.1	
56 Carbon tetrachloride	117		7.025				ND	7
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.268	7.262	0.006	64	67787	9.36	
60 Benzene	78		7.293				ND	
61 1,2-Dichloroethane	62		7.366				ND	
* 64 Fluorobenzene (IS)	96	7.707	7.701	0.006	99	1604950	10.0	
68 Trichloroethene	95	8.177	8.177	0.000	97	173772	4.68	
70 1,2-Dichloropropane	63		8.512				ND	
76 Dichlorobromomethane	83		8.860				ND	
81 cis-1,3-Dichloropropene	75		9.408				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.591				ND	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.713	0.006	93	1541304	10.0	
84 Toluene	92		9.792				ND	7
105 trans-1,3-Dichloropropene	75		10.048				ND	
107 1,1,2-Trichloroethane	97		10.256				ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
108 Tetrachloroethene	166	10.341	10.341	0.000	96	7843311	172.5	E
110 2-Hexanone	43		10.475				ND	
112 Chlorodibromomethane	129		10.628				ND	
113 Ethylene Dibromide	107		10.737				ND	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.170	0.000	84	1193823	10.0	
116 Chlorobenzene	112		11.195				ND	
S 117 Xylenes, Total	106		11.245				ND	7
118 1,1,1,2-Tetrachloroethane	131		11.280				ND	
119 Ethylbenzene	91		11.286				ND	
120 m-Xylene & p-Xylene	106		11.396				ND	7
121 o-Xylene	106		11.725				ND	
122 Styrene	104		11.743				ND	
123 Bromoform	173		11.896				ND	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	94	555719	10.1	
128 1,1,2,2-Tetrachloroethane	83		12.274				ND	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	655264	10.0	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_29_826ISS_00066

Amount Added: 1.20

Units: uL

Run Reagent

Report Date: 05-Dec-2025 07:04:26

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X21.D

Injection Date: 04-Dec-2025 05:13:30

Instrument ID: 16334

Operator ID: ncc117024

Lims ID: 410-254861-A-13

Lab Sample ID: 410-254861-13

Worklist Smp#: 22

Client ID: HD0QC1-0/1-1

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

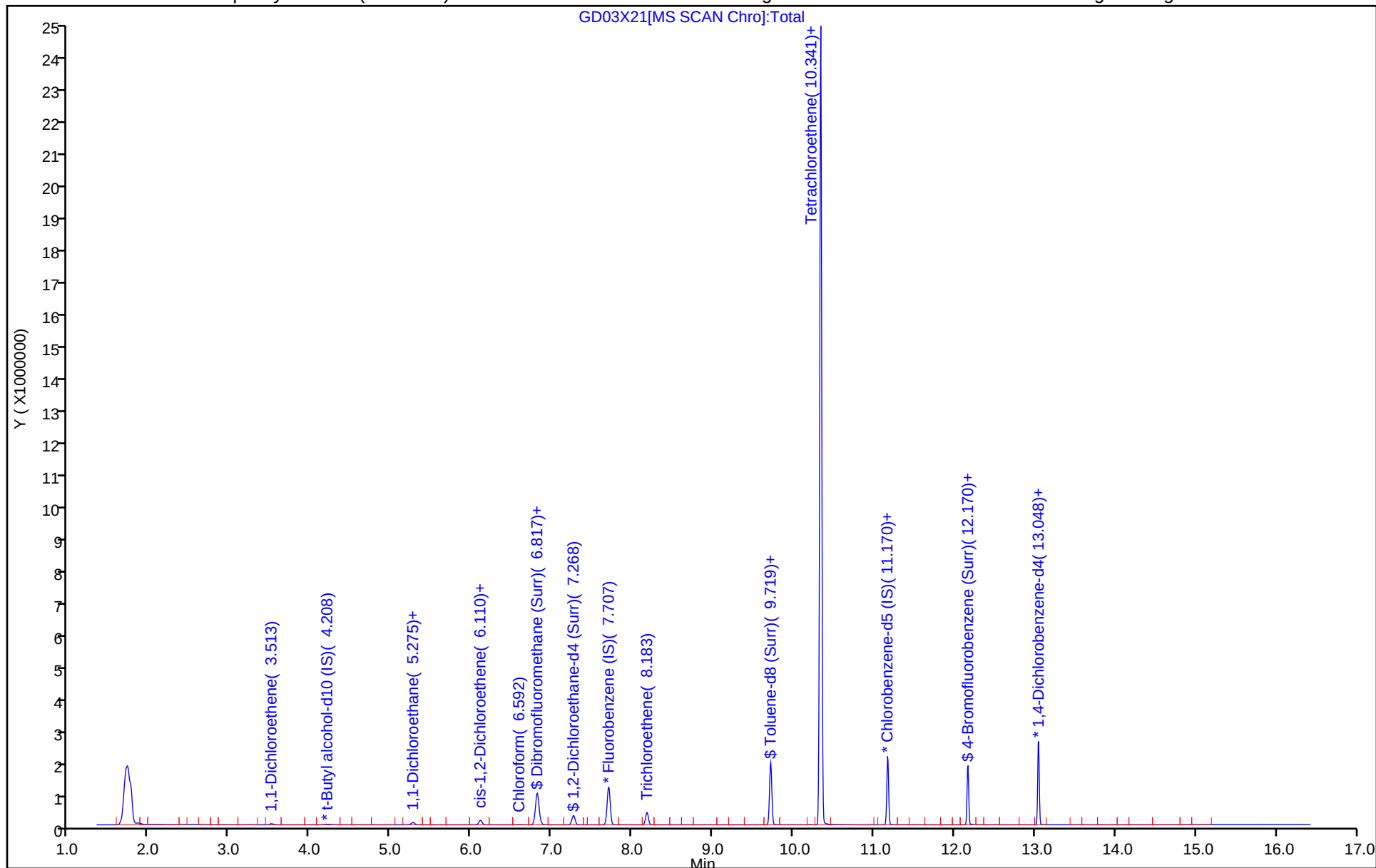
ALS Bottle#: 21

Method: MSV_16334_25mL

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\16334\20251203-168772.b\GD03X21.D
Lims ID: 410-254861-A-13
Client ID: HD0QC1-0/1-1
Sample Type: Client
Inject. Date: 04-Dec-2025 05:13:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168772-022
Operator ID: ncc117024 Instrument ID: 16334
Method: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\MSV_16334_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 07:04:25 Calib Date: 25-Nov-2025 04:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 07:04:25

Compound	Amount Added	Amount Recovered	% Rec.
\$ 52 Dibromofluoromethane (Surr)	10.0	9.75	97.51
\$ 59 1,2-Dichloroethane-d4 (Surr)	10.0	9.36	93.58
\$ 83 Toluene-d8 (Surr)	10.0	10.0	100.31
\$ 127 4-Bromofluorobenzene (Surr)	10.0	10.1	100.55

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X21.D

Injection Date: 04-Dec-2025 05:13:30

Instrument ID: 16334

Lims ID: 410-254861-A-13

Lab Sample ID: 410-254861-13

Client ID: HD0QC1-0/1-1

Operator ID: ncc117024

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 25.000 mL

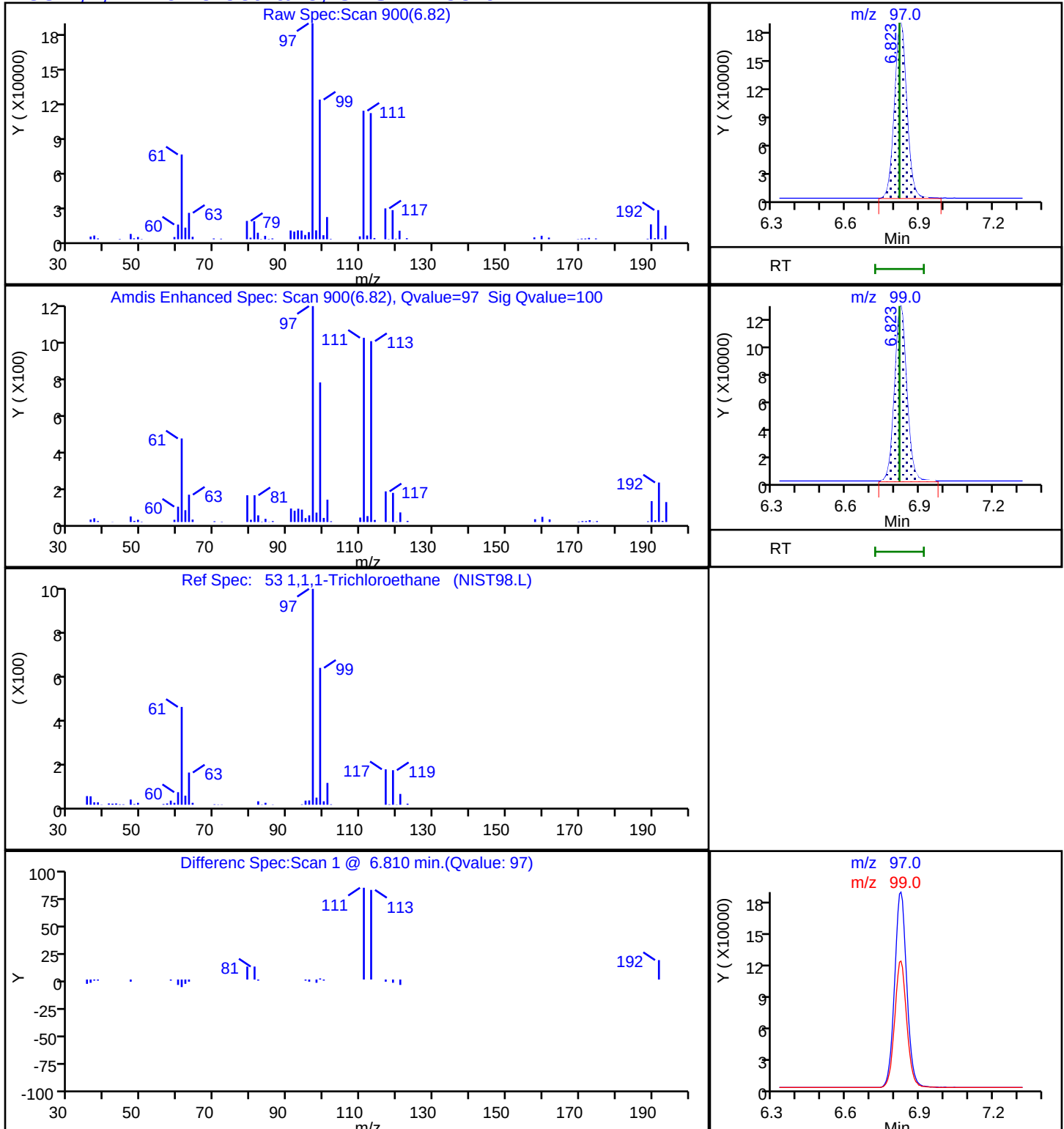
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

53 1,1,1-Trichloroethane, CAS: 71-55-6

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X21.D

Injection Date: 04-Dec-2025 05:13:30

Instrument ID: 16334

Lims ID: 410-254861-A-13

Lab Sample ID: 410-254861-13

Client ID: HD0QC1-0/1-1

Operator ID: ncc117024

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 25.000 mL

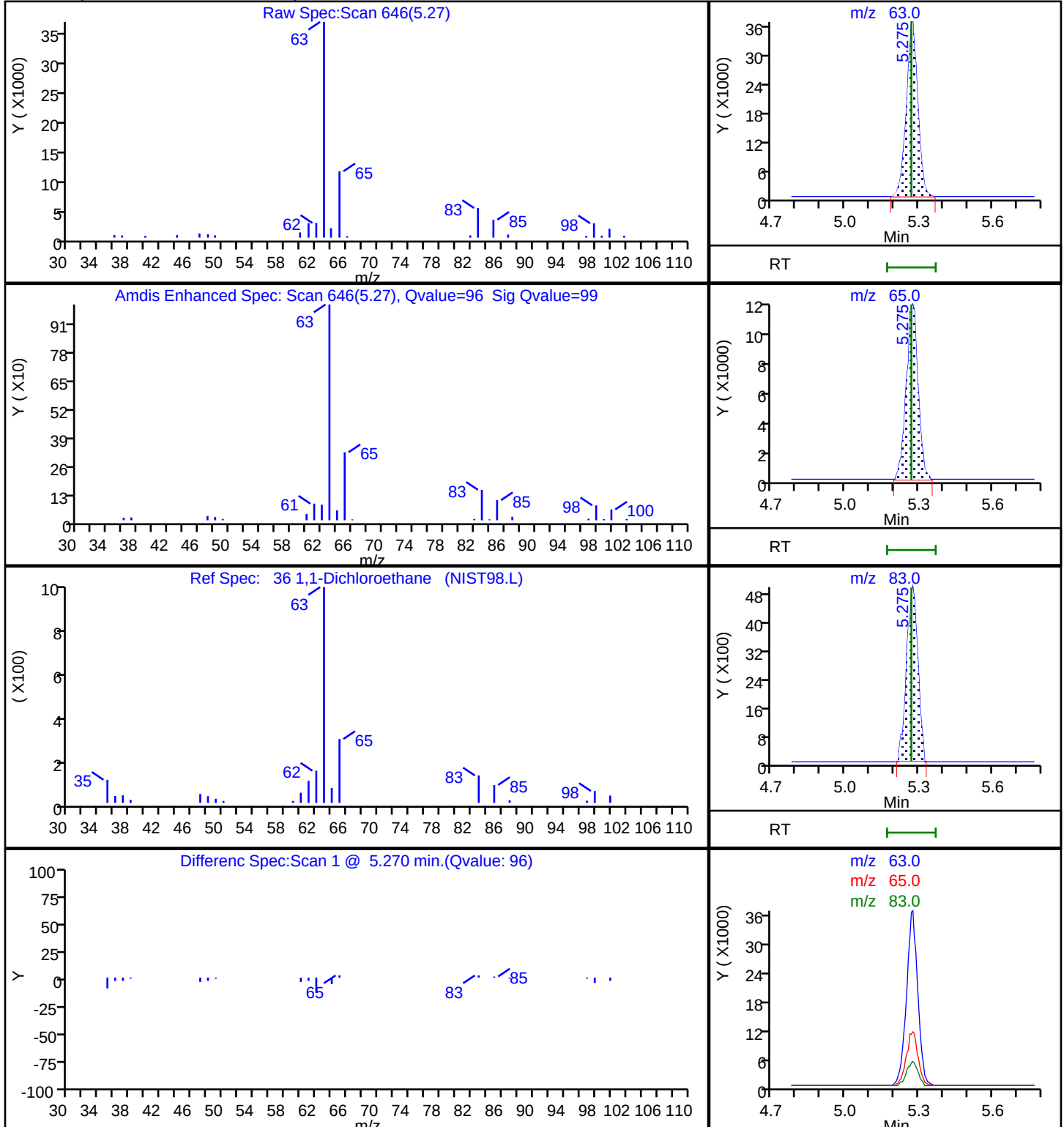
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

36 1,1-Dichloroethane, CAS: 75-34-3

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X21.D

Injection Date: 04-Dec-2025 05:13:30

Instrument ID: 16334

Lims ID: 410-254861-A-13

Lab Sample ID: 410-254861-13

Client ID: HD0QC1-0/1-1

Operator ID: ncc117024

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 25.000 mL

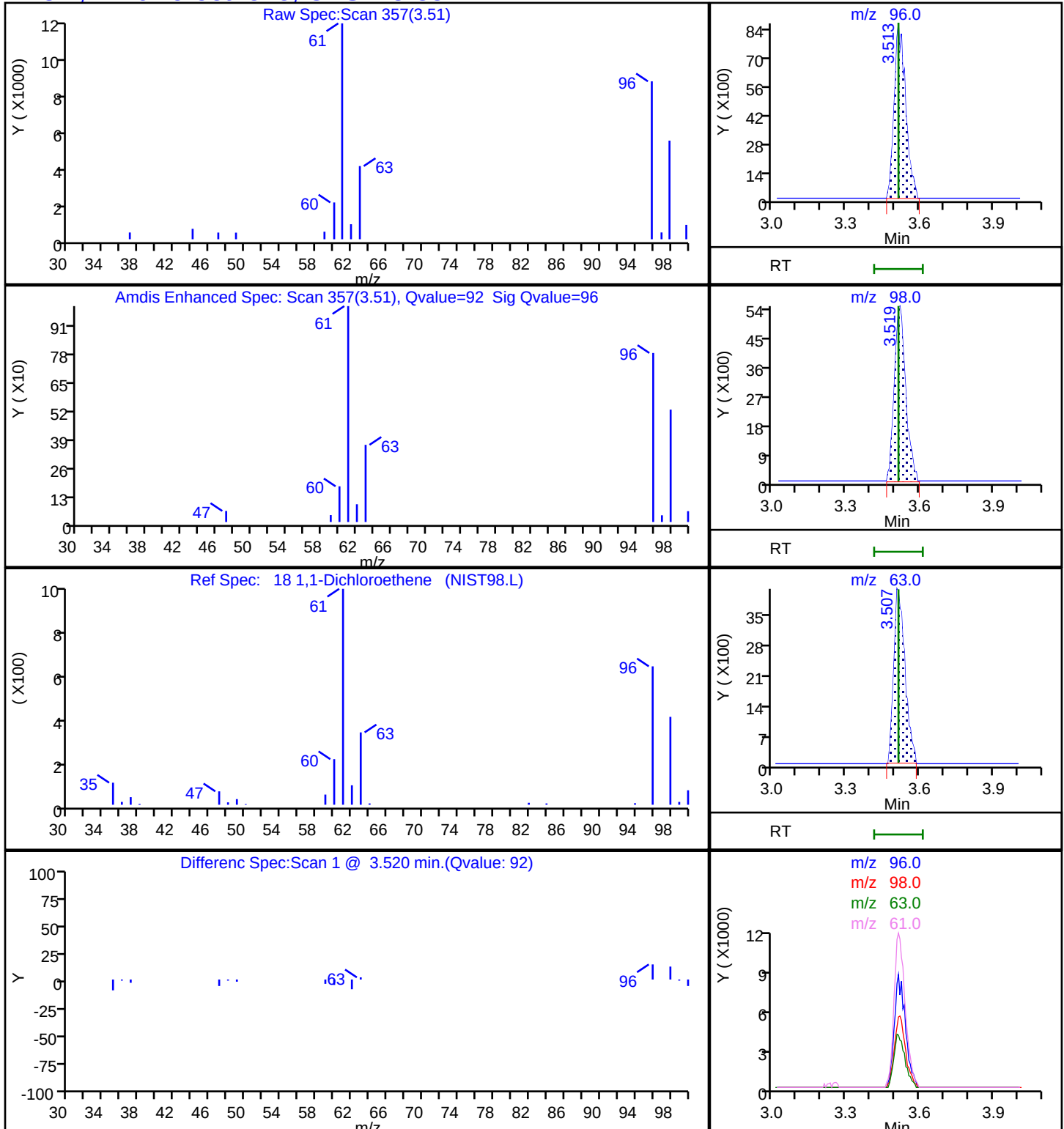
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

18 1,1-Dichloroethene, CAS: 75-35-4

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X21.D

Injection Date: 04-Dec-2025 05:13:30

Instrument ID: 16334

Lims ID: 410-254861-A-13

Lab Sample ID: 410-254861-13

Client ID: HD0QC1-0/1-1

Operator ID: ncc117024

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 25.000 mL

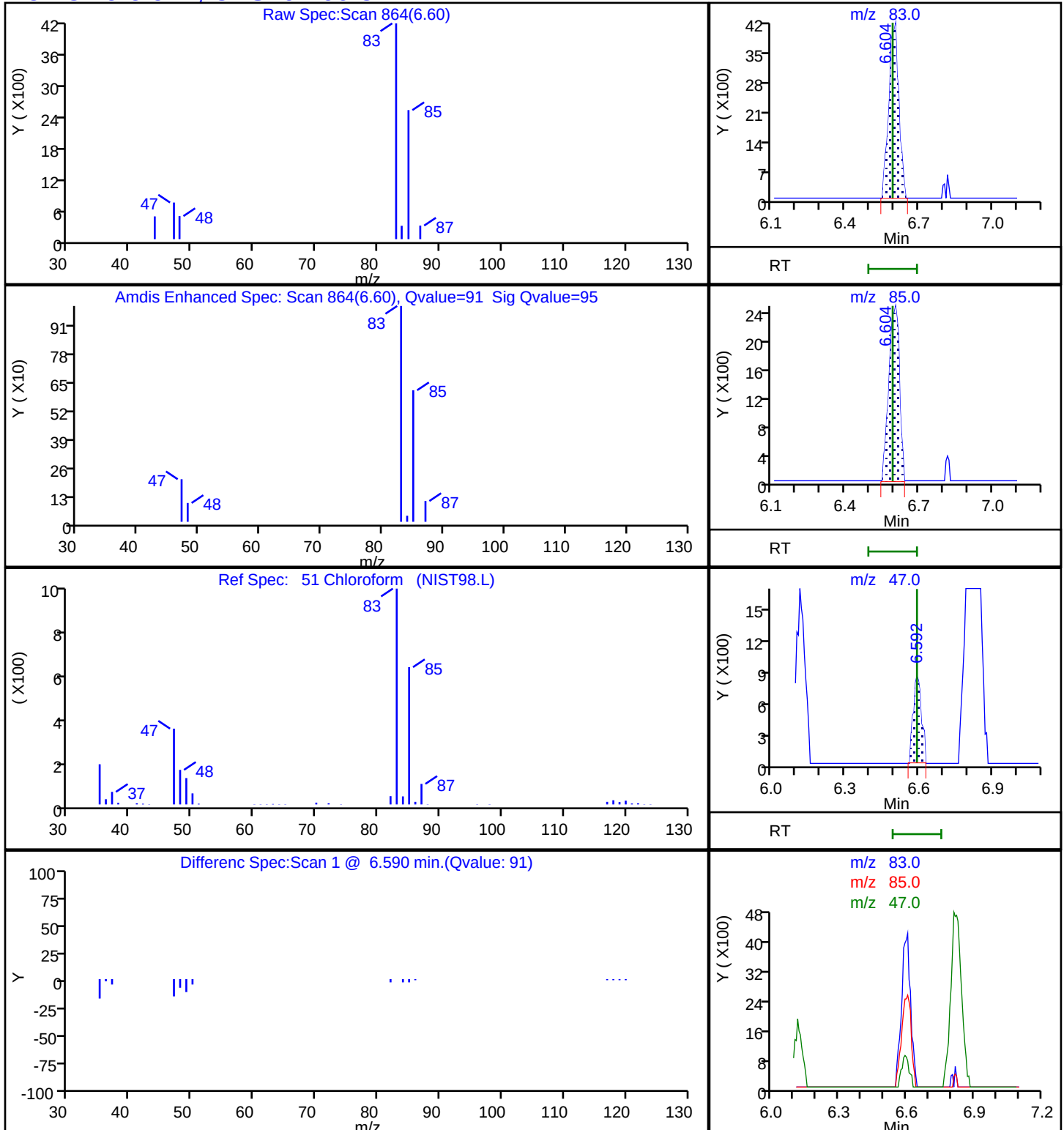
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID) x 100m

MS Quad

51 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X21.D

Injection Date: 04-Dec-2025 05:13:30

Instrument ID: 16334

Lims ID: 410-254861-A-13

Lab Sample ID: 410-254861-13

Client ID: HD0QC1-0/1-1

Operator ID: ncc117024

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 25.000 mL

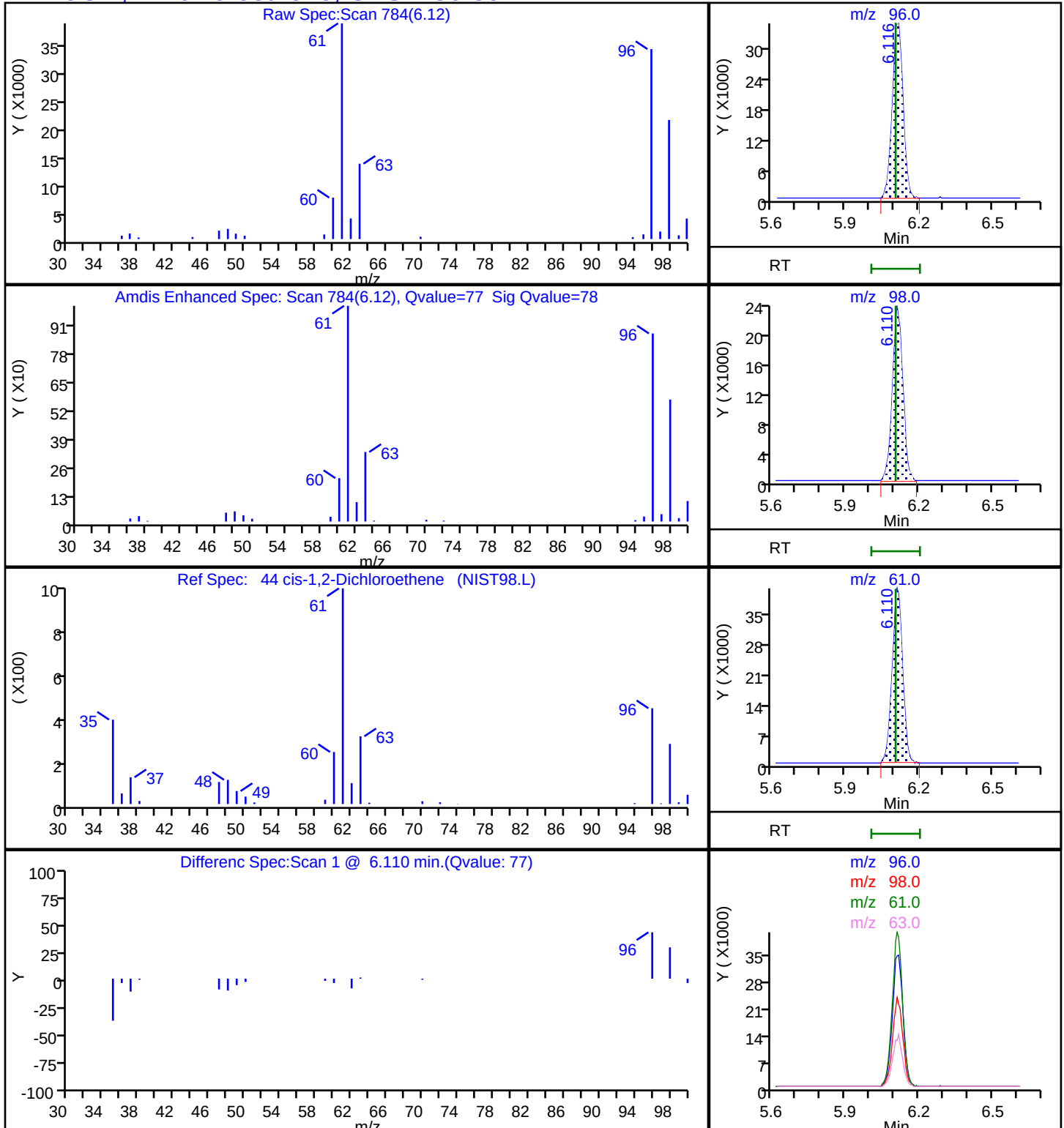
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

44 cis-1,2-Dichloroethene, CAS: 156-59-2

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X21.D

Injection Date: 04-Dec-2025 05:13:30

Instrument ID: 16334

Lims ID: 410-254861-A-13

Lab Sample ID: 410-254861-13

Client ID: HD0QC1-0/1-1

Operator ID: ncc117024

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 25.000 mL

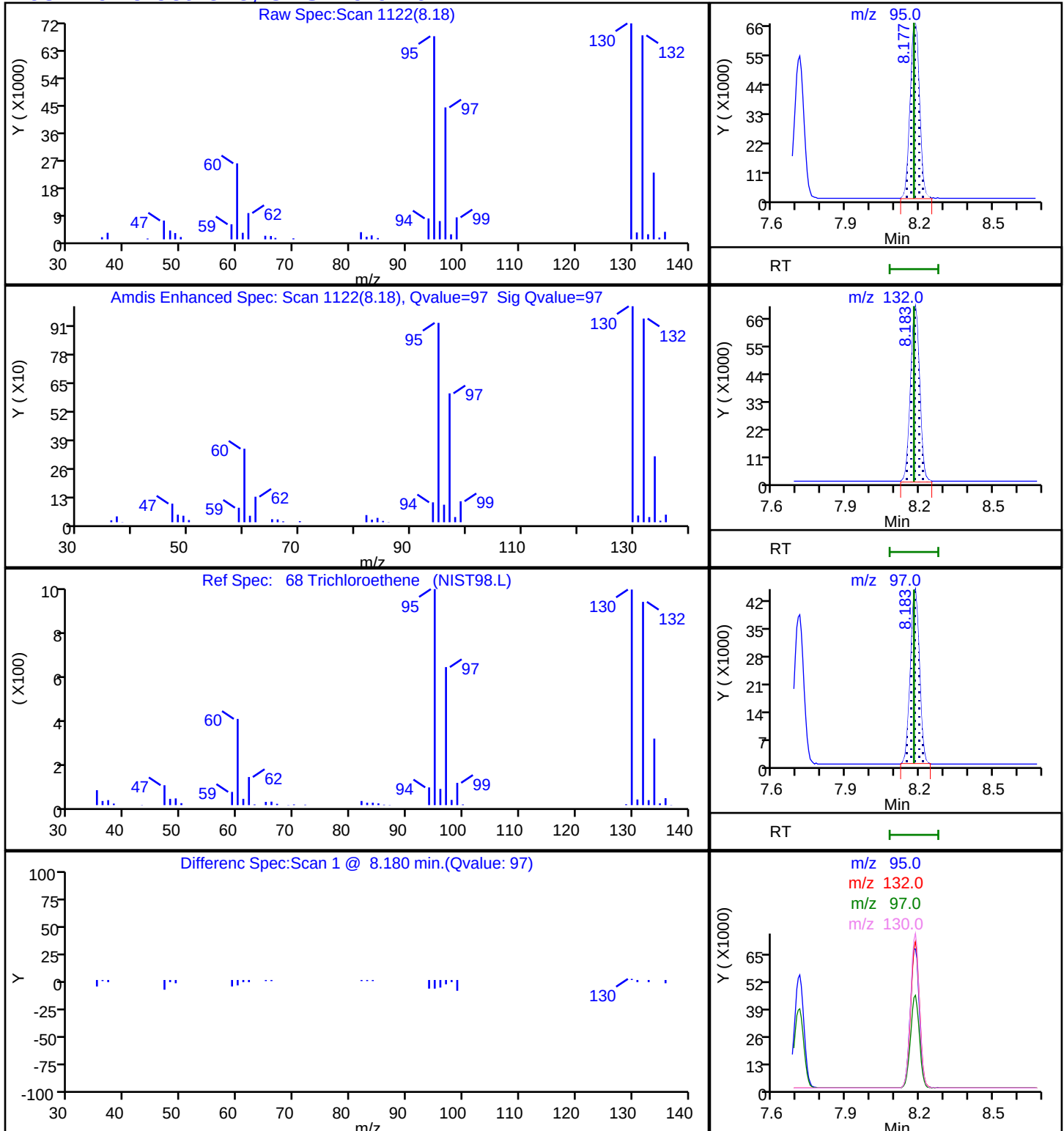
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID) x 150m

MS Quad

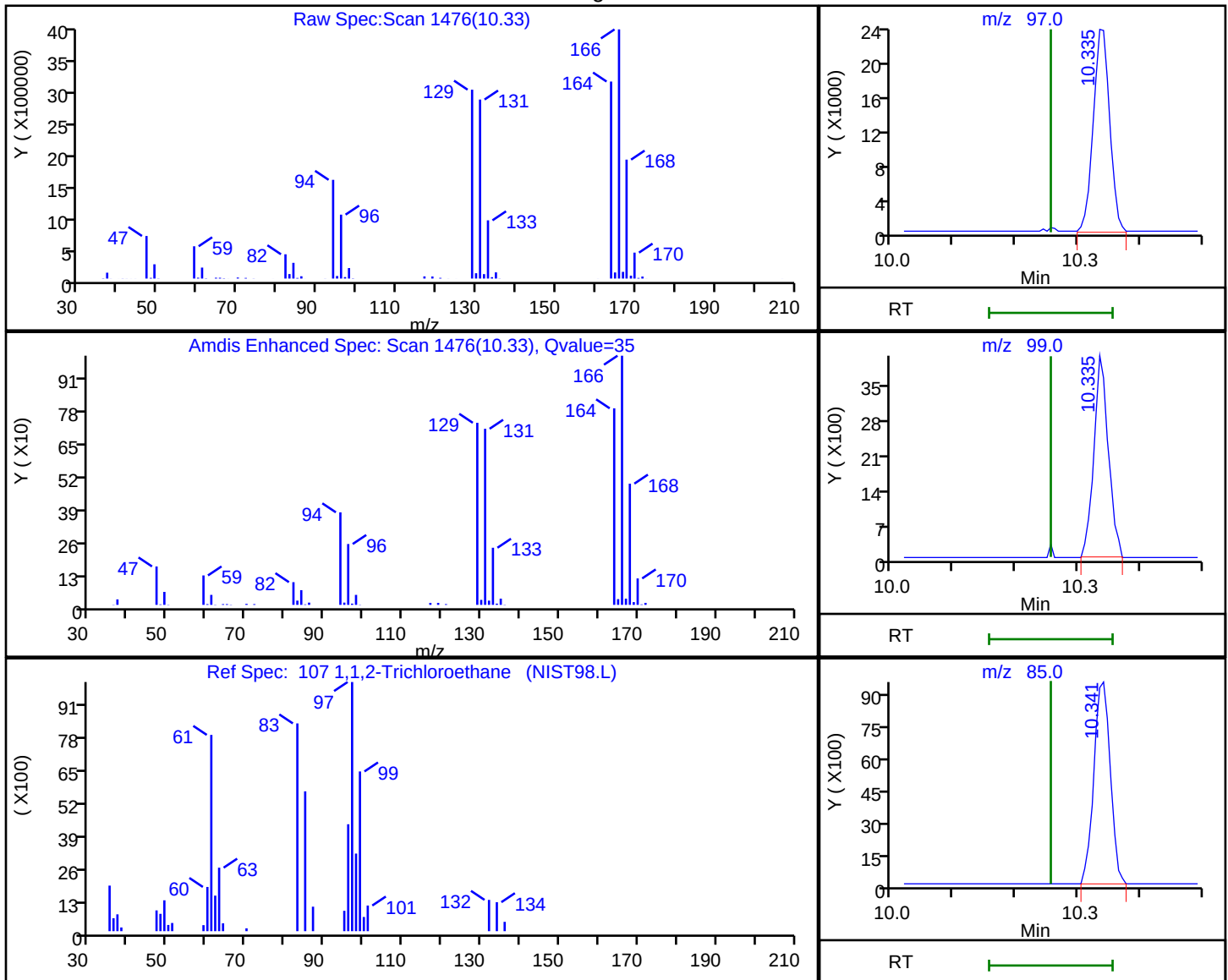
68 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X21.D
Injection Date: 04-Dec-2025 05:13:30 Instrument ID: 16334
Lims ID: 410-254861-A-13 Lab Sample ID: 410-254861-13
Client ID: HD0QC1-0/1-1
Operator ID: ncc117024 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

107 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
10.33	97.00	43055	2.003650
10.33	99.00	6628	
10.34	85.00	17613	
10.34	83.00	129693	

Reviewer: FQ4L, 05-Dec-2025 07:04:18 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.: 410-254861-1

SDG No.:

Client Sample ID: HD0QC1-0/1-1 DL

Lab Sample ID: 410-254861-13 DL

Matrix: Water

Lab File ID: GD05X26.D

Analysis Method: 8260D

Date Collected: 11/24/2025 12:00

Sample wt/vol: 25 (mL)

Date Analyzed: 12/05/2025 18:56

Soil Aliquot Vol:

Dilution Factor: 10

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 739507

Units: ug/L

Preparation Batch No.:

Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	150		5.0	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	96		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\GD05X26.D
 Lims ID: 410-254861-B-13 DL
 Client ID: HD0QC1-0/1-1
 Sample Type: Client
 Inject. Date: 05-Dec-2025 18:56:30 ALS Bottle#: 26 Worklist Smp#: 27
 Purge Vol: 25.000 mL Dil. Factor: 10.0000
 Sample Info: 410-0168967-027
 Operator ID: ecr105096 Instrument ID: 16334
 Method: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 19:46:27 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1715

First Level Reviewer: Y6ZN

Date: 05-Dec-2025 19:45:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		2.129				ND	
6 Vinyl chloride	62		2.245				ND	
9 Bromomethane	94		2.568				ND	
10 Chloroethane	64		2.654				ND	
18 1,1-Dichloroethene	96	3.532	3.519	0.013	90	2113	0.0723	
19 Acetone	43		3.556				ND	
24 Carbon disulfide	76		3.812				ND	
29 Methylene Chloride	84		4.190				ND	
* 30 t-Butyl alcohol-d10 (IS)	65	4.214	4.220	-0.006	18	48171	50.0	
33 Methyl tert-butyl ether	73		4.592				ND	
34 trans-1,2-Dichloroethene	96		4.604				ND	
36 1,1-Dichloroethane	63	5.281	5.275	0.006	92	10168	0.1787	
42 2-Butanone (MEK)	43		6.086				ND	
44 cis-1,2-Dichloroethene	96	6.116	6.110	0.006	75	9400	0.2496	
49 Chlorobromomethane	128		6.439				ND	
51 Chloroform	83		6.598				ND	
\$ 52 Dibromofluoromethane (Surr)	113	6.818	6.811	0.007	94	375032	9.56	
53 1,1,1-Trichloroethane	97	6.824	6.823	0.001	41	54446	0.99	
56 Carbon tetrachloride	117		7.031				ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.269	7.269	0.000	64	70738	9.67	
60 Benzene	78		7.299				ND	
61 1,2-Dichloroethane	62		7.372				ND	
* 64 Fluorobenzene (IS)	96	7.708	7.707	0.001	99	1621450	10.0	
68 Trichloroethene	95	8.177	8.183	-0.006	96	14814	0.3946	
70 1,2-Dichloropropane	63		8.518				ND	
76 Dichlorobromomethane	83		8.860				ND	
81 cis-1,3-Dichloropropene	75		9.408				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.591				ND	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.719	0.000	93	1557077	10.0	
84 Toluene	92		9.792				ND	
105 trans-1,3-Dichloropropene	75		10.055				ND	
107 1,1,2-Trichloroethane	97		10.256				ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
108 Tetrachloroethene	166	10.341	10.341	0.000	97	673236	14.6	
110 2-Hexanone	43		10.475				ND	
112 Chlorodibromomethane	129		10.628				ND	
113 Ethylene Dibromide	107		10.737				ND	
* 114 Chlorobenzene-d5 (IS)	117	11.176	11.170	0.006	84	1210964	10.0	
116 Chlorobenzene	112		11.201				ND	
S 117 Xylenes, Total	106		11.245				ND	7
118 1,1,1,2-Tetrachloroethane	131		11.280				ND	
119 Ethylbenzene	91		11.286				ND	
120 m-Xylene & p-Xylene	106		11.402				ND	
121 o-Xylene	106		11.725				ND	
122 Styrene	104		11.743				ND	
123 Bromoform	173		11.896				ND	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	93	553985	9.88	
128 1,1,2,2-Tetrachloroethane	83		12.274				ND	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	656473	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_29_826ISS_00069

Amount Added: 1.20

Units: uL

Run Reagent

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\GD05X26.D

Injection Date: 05-Dec-2025 18:56:30

Instrument ID: 16334

Operator ID: ecr105096

Lims ID: 410-254861-B-13 DL

Lab Sample ID: 410-254861-13

Worklist Smp#: 27

Client ID: HD0QC1-0/1-1

Purge Vol: 25.000 mL

Dil. Factor: 10.0000

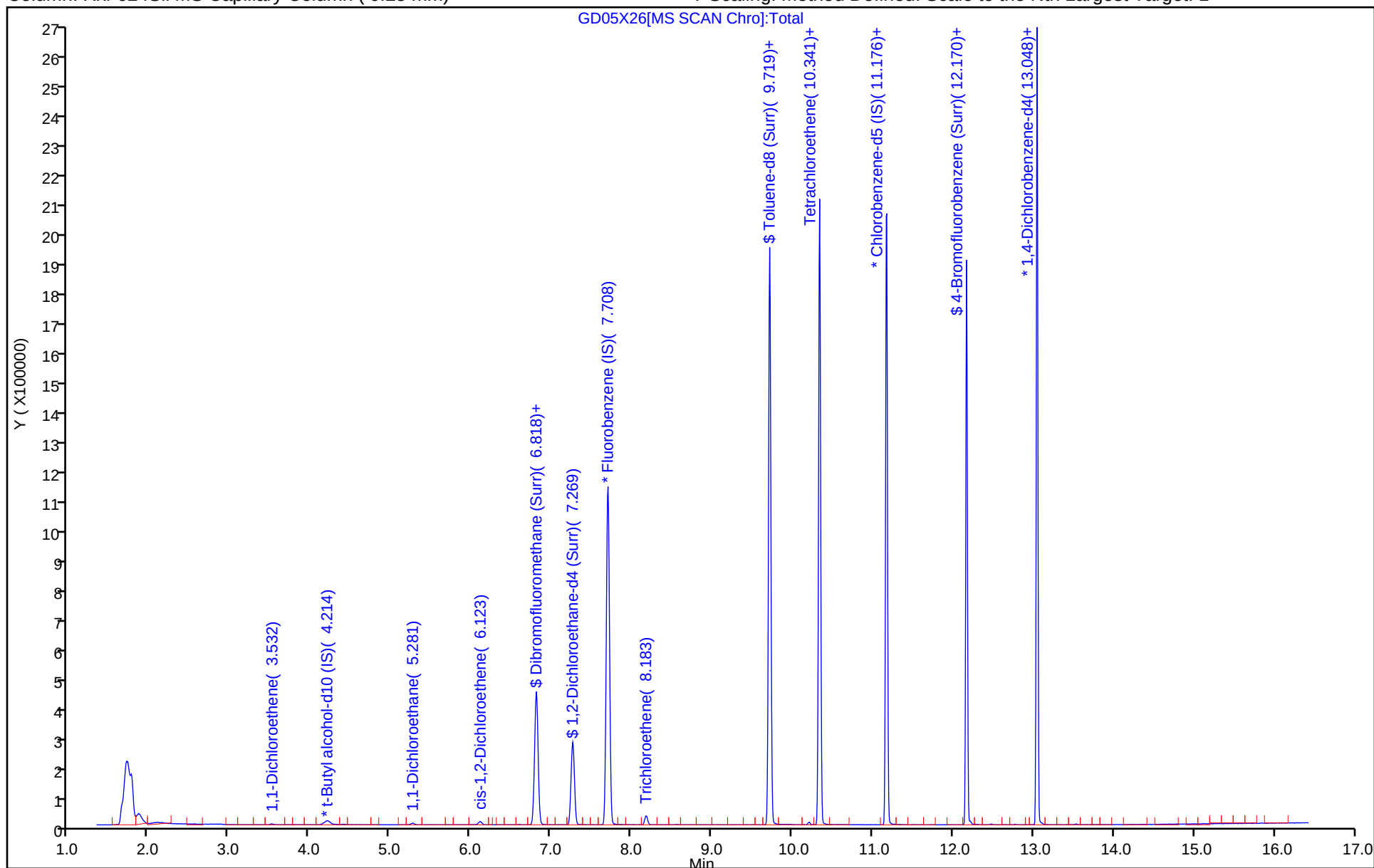
ALS Bottle#: 26

Method: MSV_16334_25mL

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\16334\20251205-168967.b\GD05X26.D
Lims ID: 410-254861-B-13 DL
Client ID: HD0QC1-0/1-1
Sample Type: Client
Inject. Date: 05-Dec-2025 18:56:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 25.000 mL Dil. Factor: 10.0000
Sample Info: 410-0168967-027
Operator ID: ecr105096 Instrument ID: 16334
Method: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\MSV_16334_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 19:46:27 Calib Date: 25-Nov-2025 04:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1715

First Level Reviewer: Y6ZN

Date: 05-Dec-2025 19:45:18

Compound	Amount Added	Amount Recovered	% Rec.
\$ 52 Dibromofluoromethane (Surr)	10.0	9.56	95.64
\$ 59 1,2-Dichloroethane-d4 (Surr)	10.0	9.67	96.66
\$ 83 Toluene-d8 (Surr)	10.0	10.0	99.91
\$ 127 4-Bromofluorobenzene (Surr)	10.0	9.88	98.82

Data File: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\GD05X26.D

Injection Date: 05-Dec-2025 18:56:30

Instrument ID: 16334

Lims ID: 410-254861-B-13 DL

Lab Sample ID: 410-254861-13

Client ID: HD0QC1-0/1-1

Operator ID: ecr105096

ALS Bottle#: 26

Worklist Smp#: 27

Purge Vol: 25.000 mL

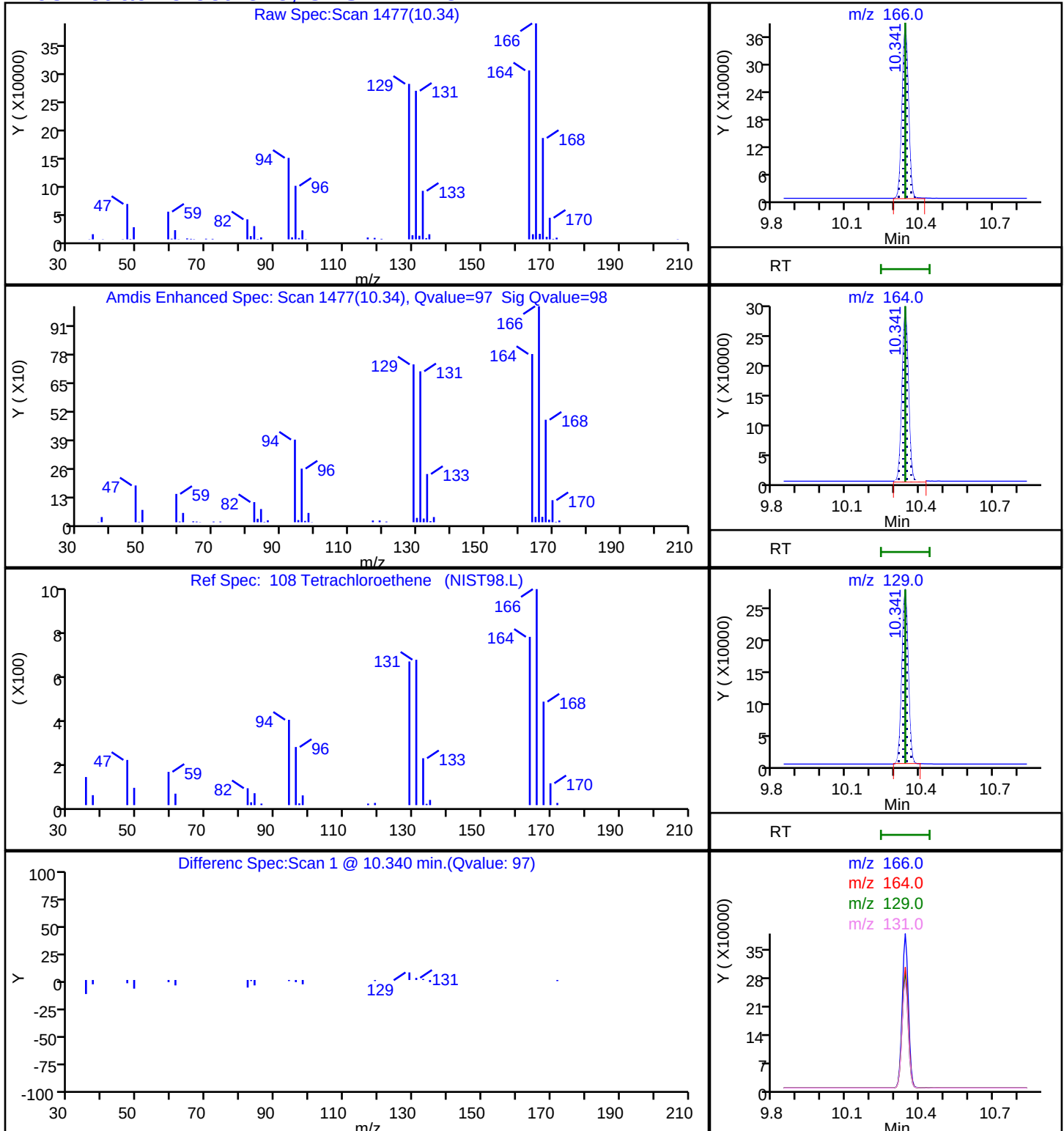
Dil. Factor: 10.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

108 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID: HD0QC1-0/1-2

Lab Sample ID: 410-254861-14

Matrix: Water

Lab File ID: GD03X07.D

Analysis Method: 8260D

Date Collected: 11/24/2025 00:00

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 00:04

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738640

Units: ug/L

Preparation Batch No.:

Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.070
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	ND		0.50	0.10
75-35-4	1,1-Dichloroethene	ND		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	0.14	J	1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	ND		0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	ND		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	ND		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD0QC1-0/1-2 Lab Sample ID: 410-254861-14

Matrix: Water Lab File ID: GD03X07.D

Analysis Method: 8260D Date Collected: 11/24/2025 00:00

Sample wt/vol: 25 (mL) Date Analyzed: 12/04/2025 00:04

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738640 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	ND		0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		80-120
460-00-4	4-Bromofluorobenzene (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		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\16334\20251203-168772.b\GD03X07.D
 Lims ID: 410-254861-A-14
 Client ID: HD0QC1-0/1-2
 Sample Type: Client
 Inject. Date: 04-Dec-2025 00:04:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168772-008
 Operator ID: ncc117024 Instrument ID: 16334
 Method: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 04-Dec-2025 16:33:47 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1715

First Level Reviewer: LT2Q

Date: 04-Dec-2025 16:30:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		2.123				ND	
6 Vinyl chloride	62		2.239				ND	
9 Bromomethane	94		2.562				ND	
10 Chloroethane	64		2.654				ND	
18 1,1-Dichloroethene	96		3.513				ND	
19 Acetone	43		3.550				ND	U
24 Carbon disulfide	76	3.812	3.806	0.006	98	13428	0.1441	
29 Methylene Chloride	84		4.178				ND	
* 30 t-Butyl alcohol-d10 (IS)	65	4.214	4.190	0.024	18	53161	50.0	
33 Methyl tert-butyl ether	73		4.586				ND	
34 trans-1,2-Dichloroethene	96		4.592				ND	
36 1,1-Dichloroethane	63		5.269				ND	
42 2-Butanone (MEK)	43		6.080				ND	
44 cis-1,2-Dichloroethene	96		6.104				ND	
49 Chlorobromomethane	128		6.433				ND	
51 Chloroform	83		6.592				ND	
\$ 52 Dibromofluoromethane (Surr)	113	6.811	6.811	0.000	94	372469	9.68	
53 1,1,1-Trichloroethane	97		6.817				ND	
56 Carbon tetrachloride	117		7.025				ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.262	0.001	64	70408	9.81	
60 Benzene	78		7.293				ND	
61 1,2-Dichloroethane	62		7.366				ND	
* 64 Fluorobenzene (IS)	96	7.701	7.701	0.000	99	1590872	10.0	
68 Trichloroethene	95		8.177				ND	
70 1,2-Dichloropropane	63		8.512				ND	
76 Dichlorobromomethane	83		8.860				ND	
81 cis-1,3-Dichloropropene	75		9.408				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.591				ND	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.713	0.006	93	1516927	9.89	
84 Toluene	92		9.792				ND	
105 trans-1,3-Dichloropropene	75		10.048				ND	
107 1,1,2-Trichloroethane	97		10.256				ND	

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X07.D

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
108 Tetrachloroethene	166		10.341				ND	
110 2-Hexanone	43		10.475				ND	
112 Chlorodibromomethane	129		10.628				ND	
113 Ethylene Dibromide	107		10.737				ND	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.170	0.000	84	1191836	10.0	
116 Chlorobenzene	112		11.195				ND	
S 117 Xylenes, Total	106		11.245				ND	7
118 1,1,1,2-Tetrachloroethane	131		11.280				ND	
119 Ethylbenzene	91		11.286				ND	
120 m-Xylene & p-Xylene	106		11.396				ND	
121 o-Xylene	106		11.725				ND	
122 Styrene	104		11.743				ND	
123 Bromoform	173		11.896				ND	7
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	93	555863	10.1	
128 1,1,2,2-Tetrachloroethane	83		12.274				ND	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	649133	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_29_826ISS_00066

Amount Added: 1.20

Units: uL

Run Reagent

Report Date: 04-Dec-2025 16:33:58

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X07.D

Injection Date: 04-Dec-2025 00:04:30

Instrument ID: 16334

Operator ID: ncc117024

Lims ID: 410-254861-A-14

Lab Sample ID: 410-254861-14

Worklist Smp#: 8

Client ID: HD0QC1-0/1-2

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

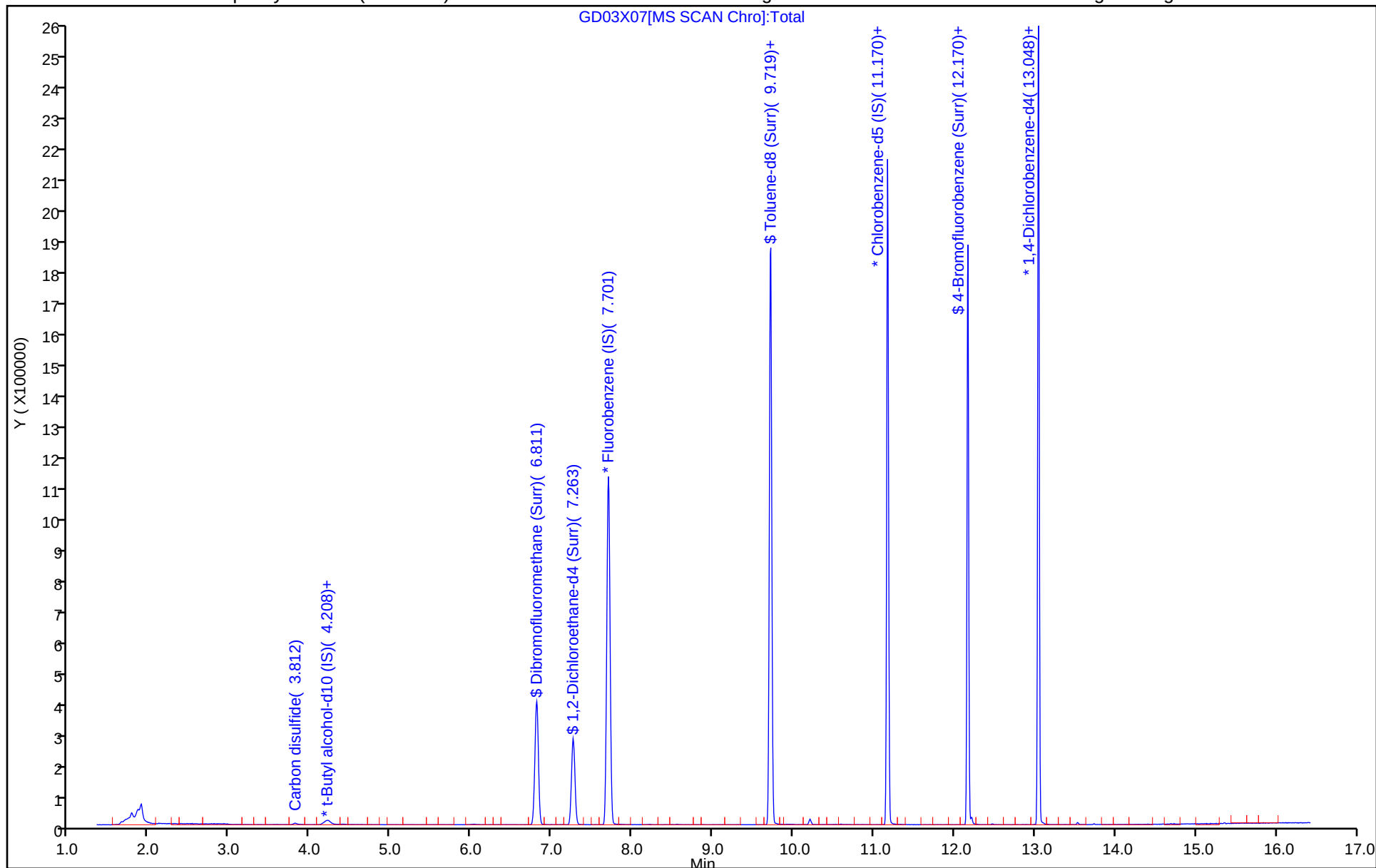
ALS Bottle#: 7

Method: MSV_16334_25mL

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\16334\20251203-168772.b\GD03X07.D
Lims ID: 410-254861-A-14
Client ID: HD0QC1-0/1-2
Sample Type: Client
Inject. Date: 04-Dec-2025 00:04:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168772-008
Operator ID: ncc117024 Instrument ID: 16334
Method: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\MSV_16334_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 04-Dec-2025 16:33:47 Calib Date: 25-Nov-2025 04:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1715

First Level Reviewer: LT2Q

Date: 04-Dec-2025 16:30:43

Compound	Amount Added	Amount Recovered	% Rec.
\$ 52 Dibromofluoromethane (Surr)	10.0	9.68	96.81
\$ 59 1,2-Dichloroethane-d4 (Surr)	10.0	9.81	98.06
\$ 83 Toluene-d8 (Surr)	10.0	9.89	98.89
\$ 127 4-Bromofluorobenzene (Surr)	10.0	10.1	100.75

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X07.D

Injection Date: 04-Dec-2025 00:04:30

Instrument ID: 16334

Lims ID: 410-254861-A-14

Lab Sample ID: 410-254861-14

Client ID: HD0QC1-0/1-2

Operator ID: ncc117024

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 25.000 mL

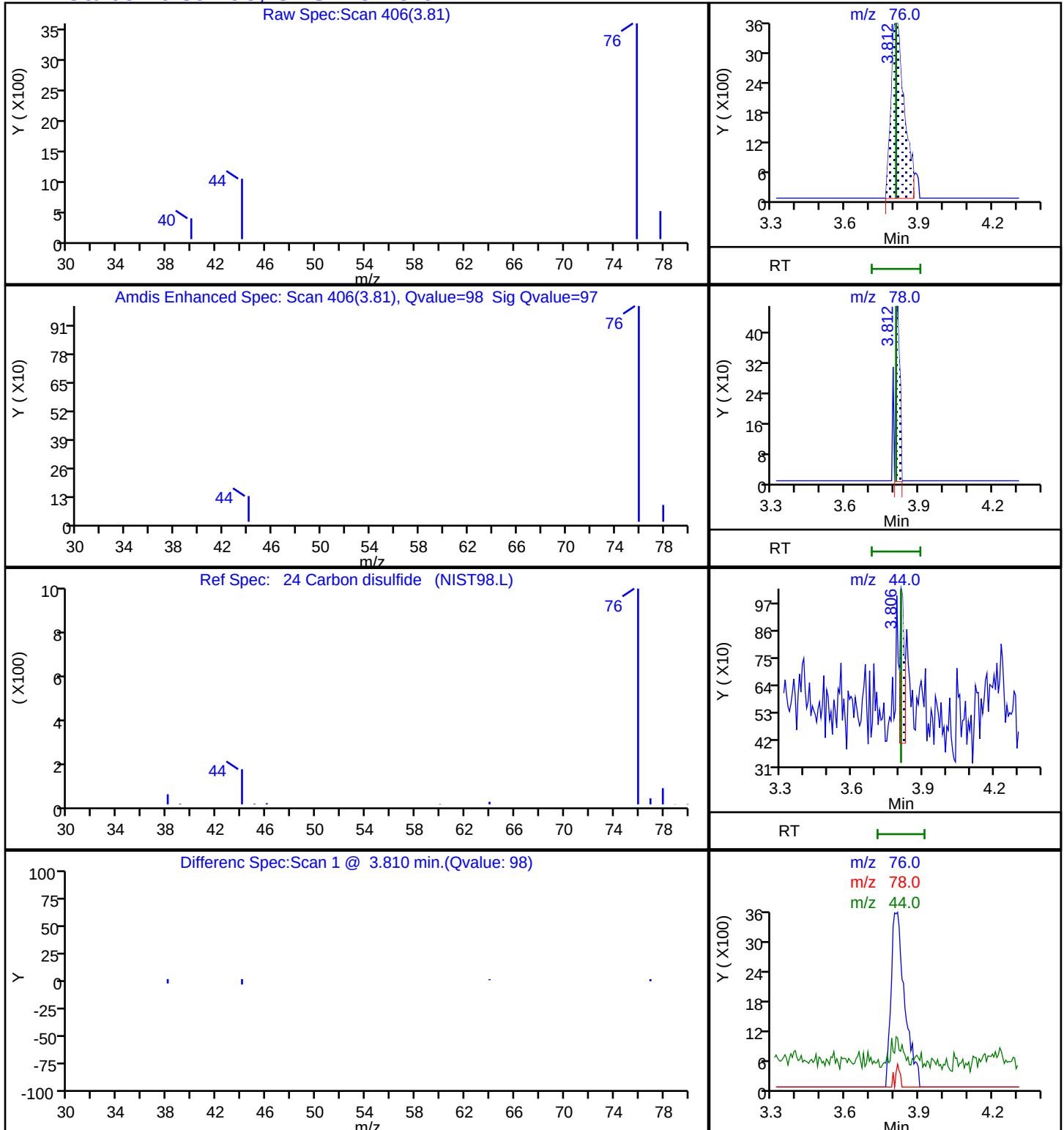
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

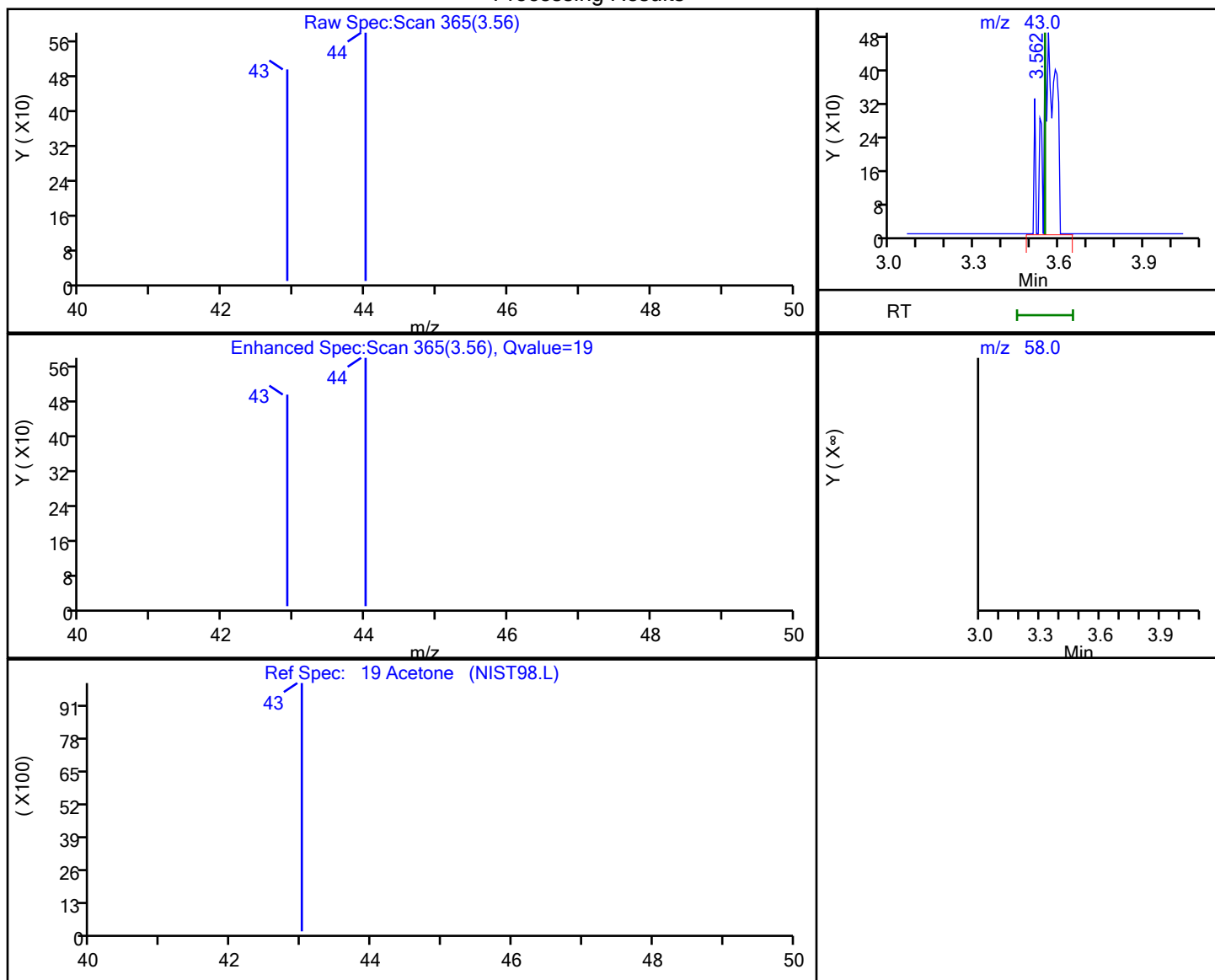
24 Carbon disulfide, CAS: 75-15-0

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X07.D
Injection Date: 04-Dec-2025 00:04:30 Instrument ID: 16334
Lims ID: 410-254861-A-14 Lab Sample ID: 410-254861-14
Client ID: HD0QC1-0/1-2
Operator ID: ncc117024 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

19 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
3.56	43.00	1550	0.503804
3.55	58.00	0	

Reviewer: LT2Q, 04-Dec-2025 16:30:27 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 734923
Environment Testing, LLC

SDG No.: _____

Instrument ID: 16334 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/24/2025 21:43 Calibration End Date: 11/24/2025 23:56 Calibration ID: 79044

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-734923/3	GN24X02.D
Level 2	IC 410-734923/4	GN24X03.D
Level 3	IC 410-734923/5	GN24X04.D
Level 4	IC 410-734923/6	GN24X05.D
Level 5	IC 410-734923/7	GN24X06.D
Level 6	IC 410-734923/8	GN24X07.D
Level 7	IC 410-734923/9	GN24X08.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								
Chlorodifluoromethane	0.1681 0.1935	0.2122 0.1989	0.1880	0.1700	0.1871	Ave		0.188 3				8.3		20.0			
Methoxymethane	0.2334 0.2114	0.2027 0.1981	0.1858	0.1995	0.2126	Ave		0.206 2				7.3		20.0			
Acetonitrile	++++ 0.8700	1.0035 0.8920	0.9820	0.9285	1.0512	Ave		0.954 5				7.3		20.0			
Vinyl acetate	0.2373 0.1538	0.1633 0.1608	0.1677	0.1647	0.1629	Ave		0.172 9				16.6		20.0			
Ethyl acetate	++++ 0.0621	0.0682 0.0654	0.0659	0.0623	0.0657	Ave		0.064 9				3.6		20.0			
2-Chloroethyl vinyl ether	0.0503 0.0539	0.0448 0.0536	0.0506	0.0491	0.0516	Ave		0.050 6				6.1		20.0			
cis-1,4-Dichloro-2-butene	5.7307 5.6935	4.8077 5.3516	5.1936	5.2071	5.0925	Ave		5.296 7				6.2		20.0			
Cyclohexanone	0.4007 0.3217	0.3182 0.3058	0.3167	0.3168	0.3212	Ave		0.328 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.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 734923
Environment Testing, LLC

SDG No.: _____

Instrument ID: 16334 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/24/2025 21:43 Calibration End Date: 11/24/2025 23:56 Calibration ID: 79044

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-734923/3	GN24X02.D
Level 2	IC 410-734923/4	GN24X03.D
Level 3	IC 410-734923/5	GN24X04.D
Level 4	IC 410-734923/6	GN24X05.D
Level 5	IC 410-734923/7	GN24X06.D
Level 6	IC 410-734923/8	GN24X07.D
Level 7	IC 410-734923/9	GN24X08.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
Chlorodifluoromethane	FB	Ave	8034 456280	25307 1187311	44891	80585	223210	0.200 10.0	0.500 25.0	1.00	2.00	5.00
Methoxymethane	FB	Ave	11158 498480	24170 1182276	44380	94543	253609	0.200 10.0	0.500 25.0	1.00	2.00	5.00
Acetonitrile	TBAd1 0	Ave	++++ 73001	4041 201393	7922	15128	46216	++++ 50.0	2.50 125	5.00	10.0	25.0
Vinyl acetate	FB	Ave	11345 362605	19473 959827	40052	78045	194299	0.200 10.0	0.500 25.0	1.00	2.00	5.00
Ethyl acetate	FB	Ave	++++ 146390	8132 390381	15732	29505	78308	++++ 10.0	0.500 25.0	1.00	2.00	5.00
2-Chloroethyl vinyl ether	FB	Ave	2406 127093	5337 320122	12089	23291	61596	0.200 10.0	0.500 25.0	1.00	2.00	5.00
cis-1,4-Dichloro-2-butene	TBAd1 0	Ave	3711 191068	7743 483268	16757	33934	89547	0.400 20.0	1.000 50.0	2.00	4.00	10.00
Cyclohexanone	TBAd1 0	Ave	6487 269910	12815 690361	25546	51615	141231	10.0 500	25.0 1250	50.0	100	250

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.: 410-254861-1 Analy Batch No.: 734923
Environment Testing, LLC

SDG No.: _____

Instrument ID: 16334 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/24/2025 21:43 Calibration End Date: 11/24/2025 23:56 Calibration ID: 79044

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-734923/3	GN24X02.D
Level 2	IC 410-734923/4	GN24X03.D
Level 3	IC 410-734923/5	GN24X04.D
Level 4	IC 410-734923/6	GN24X05.D
Level 5	IC 410-734923/7	GN24X06.D
Level 6	IC 410-734923/8	GN24X07.D
Level 7	IC 410-734923/9	GN24X08.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
	LVL 7 #						LVL 7					
Chlorodifluoromethane	-10.7 5.7	12.7	-0.2	-9.7	-0.6	2.8	50 30	30	30	30	30	30
Methoxymethane	13.2 -3.9	-1.7	-9.9	-3.3	3.1	2.5	50 30	30	30	30	30	30
Acetonitrile	++++ -6.6	5.1	2.9	-2.7	10.1	-8.9	30	50	30	30	30	30
Vinyl acetate	37.2 -7.0	-5.6	-3.0	-4.8	-5.8	-11.1	50 30	30	30	30	30	30
Ethyl acetate	++++ 0.8	5.1	1.5	-4.1	1.1	-4.3	30	50	30	30	30	30
2-Chloroethyl vinyl ether	-0.5 6.1	-11.5	0.1	-2.8	2.1	6.6	50 30	30	30	30	30	30
cis-1,4-Dichloro-2-butene	8.2 1.0	-9.2	-1.9	-1.7	-3.9	7.5	50 30	30	30	30	30	30
Cyclohexanone	21.9 -7.0	-3.2	-3.7	-3.6	-2.3	-2.1	50 30	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X02.D
 Lims ID: IC std1sm
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 24-Nov-2025 21:43:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0167907-003
 Misc. Info.: IC STD1SM
 Operator ID: gaw91131 Instrument ID: 16334
 Sublist: chrom-MSV_16334_25mL*sub51
 Method: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 25-Nov-2025 15:44:00 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1704

First Level Reviewer: N7YK

Date: 25-Nov-2025 13:39:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.885	1.885	0.000	70	3489	0.2000	0.1562	
3 Chlorodifluoromethane	51	1.946	1.946	0.000	96	8034	0.2000	0.1785	
4 Dimethyl ether	45	2.001	2.007	-0.006	99	11158	0.2000	0.2264	
8 2-Chloro-1,1,1-Trifluoroethane	118	2.330	2.324	0.006	44	9816	0.2000	0.1948	
26 Acetonitrile	41	3.934	3.946	-0.012	37	1635	1.00	1.06	
* 30 t-Butyl alcohol-d10 (IS)	65	4.214	4.208	0.006	25	67515	41.7	41.7	
37 Vinyl acetate	43	5.257	5.257	0.000	97	11345	0.2000	0.2745	
46 Ethyl acetate	43	6.147	6.147	0.000	96	5014	0.2000	0.3232	
62 Isopropyl acetate	43	7.384	7.390	-0.006	97	7282	0.2000	0.2179	
* 64 Fluorobenzene (IS)	96	7.701	7.702	-0.001	99	1993288	8.34	8.34	
75 n-Propyl acetate	61	8.689	8.689	0.000	97	1732	0.2000	0.2214	
79 2-Chloroethyl vinyl ether	63	9.232	9.232	0.000	91	2406	0.2000	0.1990	
111 n-Butyl acetate	43	10.591	10.597	-0.006	96	8919	0.2000	0.2792	
* 114 Chlorobenzene-d5 (IS)	117	11.176	11.176	0.000	83	1517523	8.34	8.34	
125 cis-1,4-Dichloro-2-butene	88	12.079	12.079	0.000	0	3711	0.4000	0.4327	
126 Cyclohexanone	55	12.109	12.109	0.000	89	6487	10.0	12.2	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	849333	8.34	8.34	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_CYC_00012	Amount Added: 1.60	Units: uL
MSV_CCV_V5ACE_00056	Amount Added: 0.20	Units: uL
MSV_29_826ISO_00014	Amount Added: 1.00	Units: uL
MSV_DME_00066	Amount Added: 0.20	Units: uL
MSV_V_SMRV4_00095	Amount Added: 1.00	Units: uL

Report Date: 25-Nov-2025 15:44:00

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X02.D

Injection Date: 24-Nov-2025 21:43:30

Instrument ID: 16334

Operator ID: gaw91131

Lims ID: IC std1sm

Worklist Smp#: 3

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

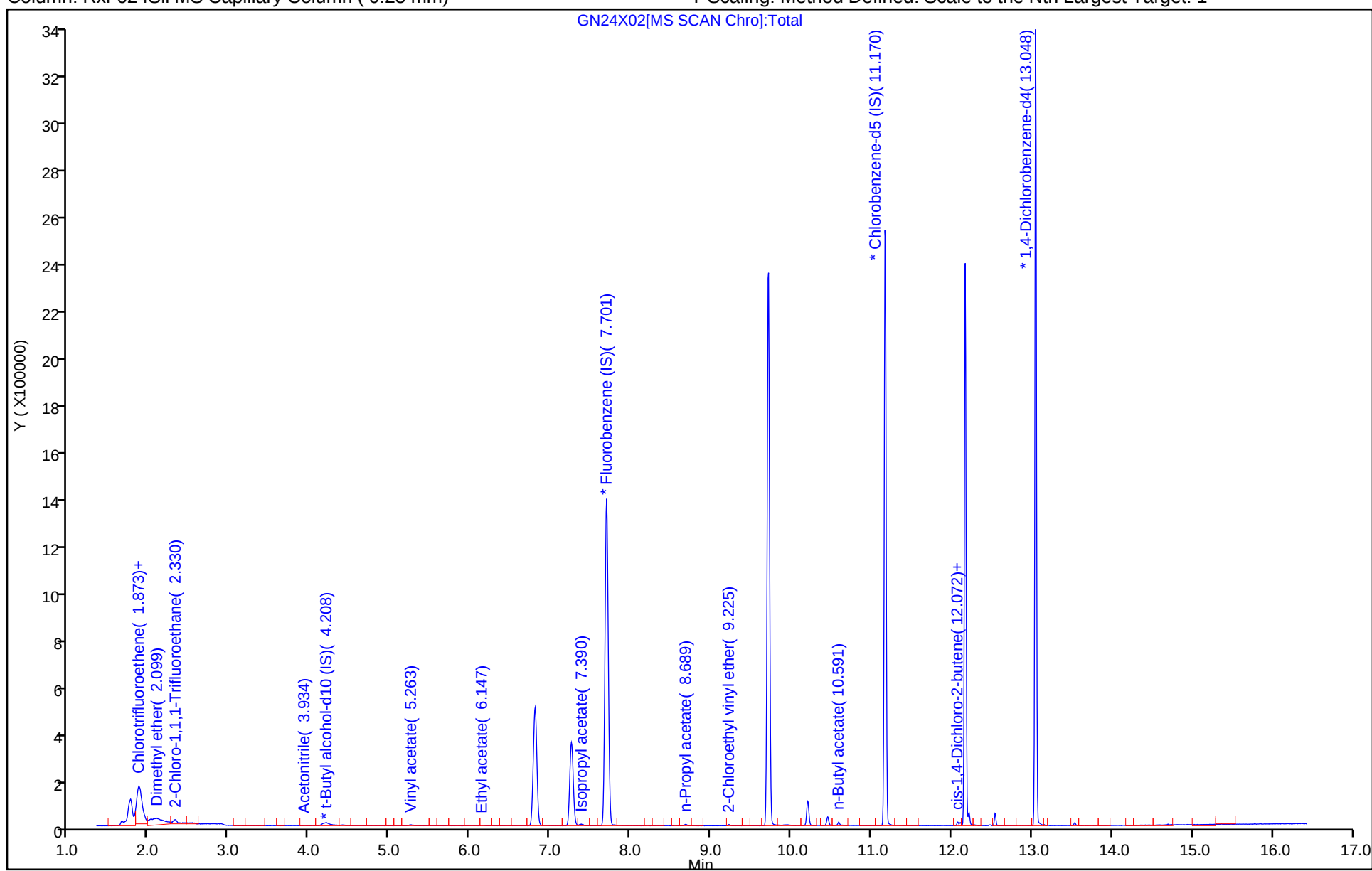
ALS Bottle#: 2

Method: MSV_16334_25mL

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\16334\20251124-167907.b\GN24X03.D
 Lims ID: IC std2sm
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 24-Nov-2025 22:05:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0167907-004
 Misc. Info.: IC STD2SM
 Operator ID: gaw91131 Instrument ID: 16334
 Sublist: chrom-MSV_16334_25mL*sub51
 Method: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 25-Nov-2025 15:44:03 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1704

First Level Reviewer: N7YK

Date: 25-Nov-2025 13:40:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.879	1.885	-0.006	46	4590	0.5000	0.2059	
3 Chlorodifluoromethane	51	1.940	1.946	-0.006	96	25307	0.5000	0.5637	
4 Dimethyl ether	45	2.001	2.007	-0.006	100	24170	0.5000	0.4915	
8 2-Chloro-1,1,1-Trifluoroethane	118	2.324	2.324	0.000	32	17614	0.5000	0.3503	
26 Acetonitrile	41	3.946	3.946	0.000	43	4041	2.50	2.63	
* 30 t-Butyl alcohol-d10 (IS)	65	4.190	4.208	-0.018	18	67167	41.7	41.7	
37 Vinyl acetate	43	5.251	5.257	-0.006	96	19473	0.5000	0.4722	
46 Ethyl acetate	43	6.147	6.147	0.000	98	8132	0.5000	0.5253	M
62 Isopropyl acetate	43	7.384	7.390	-0.006	97	16001	0.5000	0.4799	
* 64 Fluorobenzene (IS)	96	7.695	7.702	-0.007	99	1988885	8.34	8.34	
75 n-Propyl acetate	61	8.683	8.689	-0.006	96	3471	0.5000	0.4446	
79 2-Chloroethyl vinyl ether	63	9.225	9.232	-0.007	91	5337	0.5000	0.4425	
111 n-Butyl acetate	43	10.591	10.597	-0.006	97	14361	0.5000	0.4484	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.176	-0.006	84	1521085	8.34	8.34	
125 cis-1,4-Dichloro-2-butene	88	12.079	12.079	0.000	0	7743	1.00	0.9076	
126 Cyclohexanone	55	12.109	12.109	0.000	90	12815	25.0	24.2	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	843630	8.34	8.34	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_CYC_00012	Amount Added: 4.00	Units: uL
MSV_CCV_V5ACE_00056	Amount Added: 0.50	Units: uL
MSV_29_826ISO_00014	Amount Added: 1.00	Units: uL
MSV_V_SMRV4_00095	Amount Added: 2.50	Units: uL
MSV_DME_00066	Amount Added: 0.50	Units: uL

Report Date: 25-Nov-2025 15:44:03

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X03.D

Injection Date: 24-Nov-2025 22:05:30

Instrument ID: 16334

Operator ID: gaw91131

Lims ID: IC std2sm

Worklist Smp#: 4

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

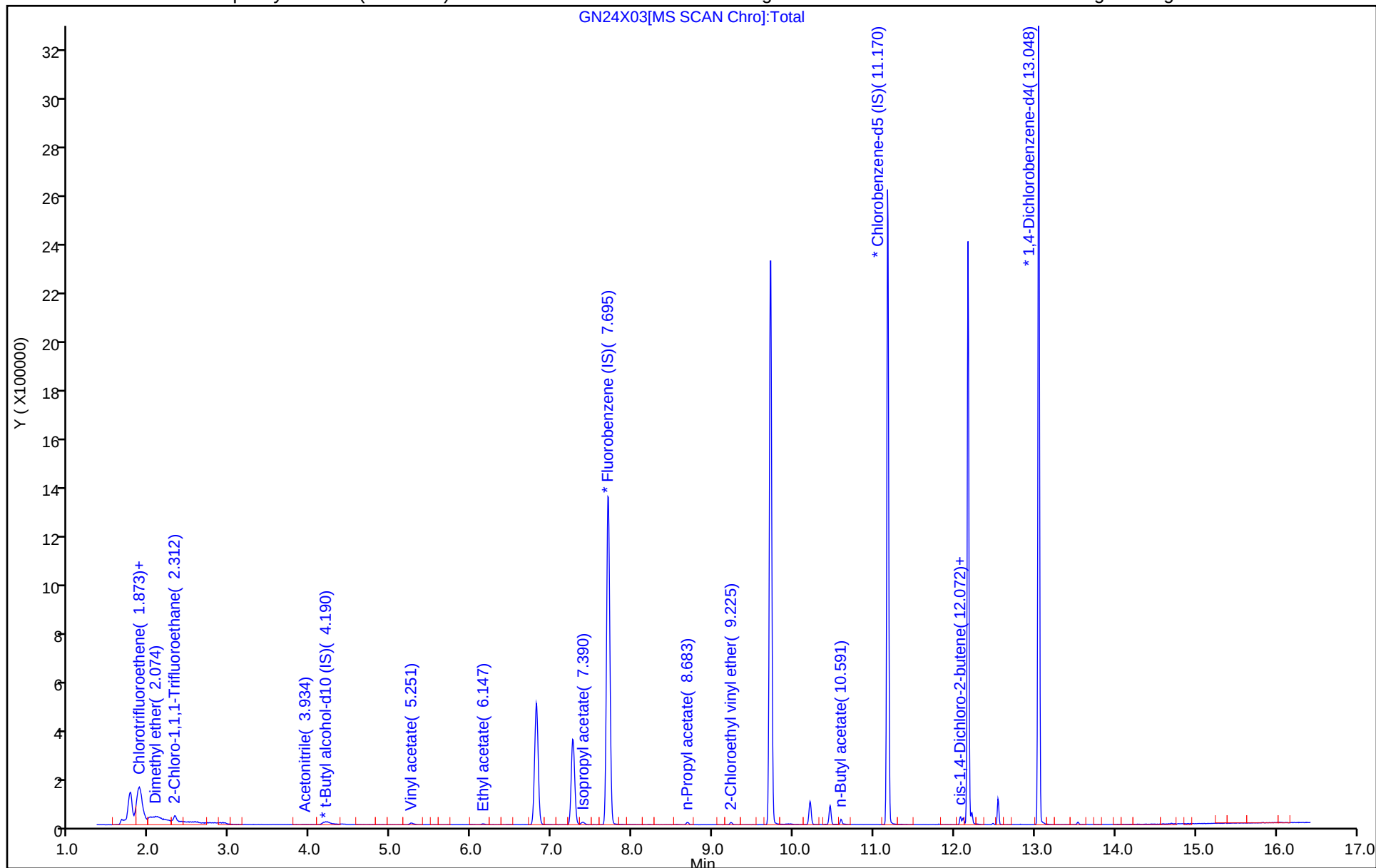
ALS Bottle#: 3

Method: MSV_16334_25mL

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

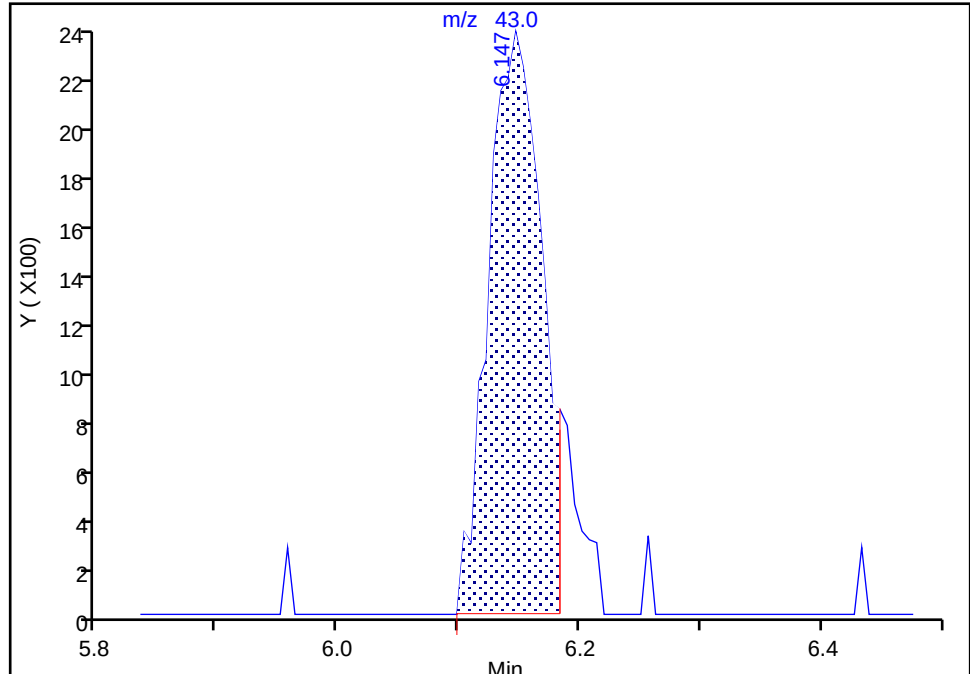
Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X03.D
Injection Date: 24-Nov-2025 22:05:30 Instrument ID: 16334
Lims ID: IC std2sm
Client ID:
Operator ID: gaw91131 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

46 Ethyl acetate, CAS: 141-78-6

Signal: 1

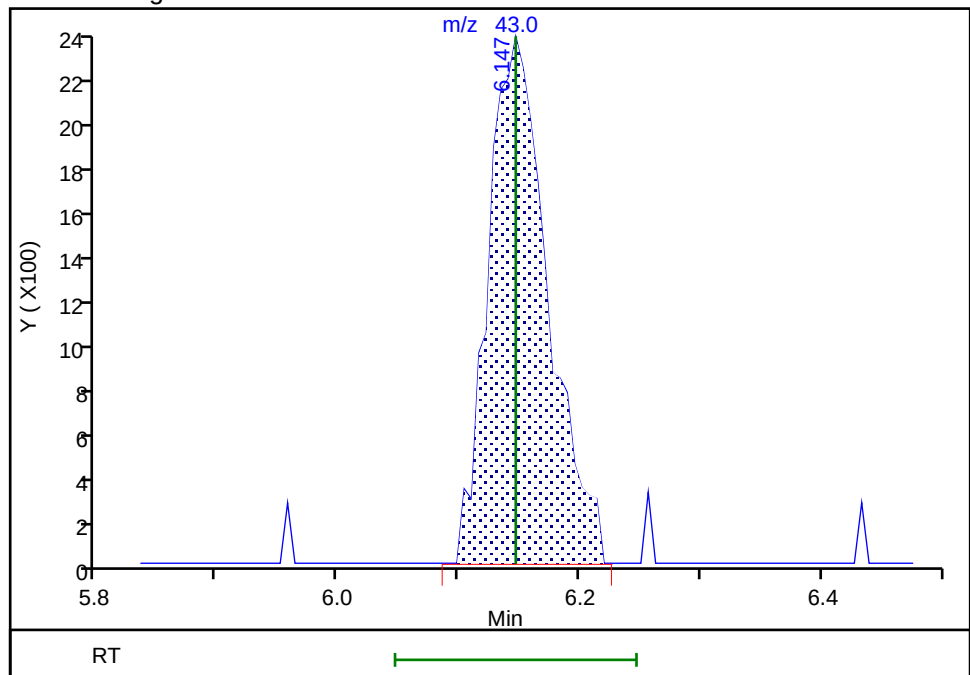
RT: 6.15
Area: 7347
Amount: 0.410785
Amount Units: ug/l

Processing Integration Results



RT: 6.15
Area: 8132
Amount: 0.525322
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 13:39:56 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X04.D
 Lims ID: IC std3sm
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 24-Nov-2025 22:27:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0167907-005
 Misc. Info.: IC STD3SM
 Operator ID: gaw91131 Instrument ID: 16334
 Sublist: chrom-MSV_16334_25mL*sub51
 Method: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 25-Nov-2025 15:44:05 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1704

First Level Reviewer: N7YK

Date: 25-Nov-2025 13:40:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.885	1.885	0.000	89	20882	1.00	0.9355	
3 Chlorodifluoromethane	51	1.940	1.946	-0.006	97	44891	1.00	1.00	
4 Dimethyl ether	45	2.007	2.007	0.000	97	44380	1.00	0.9010	
8 2-Chloro-1,1,1-Trifluoroethane	118	2.318	2.324	-0.006	33	52854	1.00	1.05	
26 Acetonitrile	41	3.934	3.946	-0.012	69	7922	5.00	5.14	
* 30 t-Butyl alcohol-d10 (IS)	65	4.202	4.208	-0.006	23	67279	41.7	41.7	
37 Vinyl acetate	43	5.263	5.257	0.006	97	40052	1.00	0.9697	
46 Ethyl acetate	43	6.141	6.147	-0.006	98	15732	1.00	1.01	
62 Isopropyl acetate	43	7.384	7.390	-0.006	98	34235	1.00	1.03	
* 64 Fluorobenzene (IS)	96	7.701	7.702	-0.001	99	1991900	8.34	8.34	
75 n-Propyl acetate	61	8.683	8.689	-0.006	96	7722	1.00	0.9877	
79 2-Chloroethyl vinyl ether	63	9.225	9.232	-0.007	90	12089	1.00	1.00	
111 n-Butyl acetate	43	10.591	10.597	-0.006	97	30204	1.00	0.9472	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.176	-0.006	84	1514511	8.34	8.34	
125 cis-1,4-Dichloro-2-butene	88	12.072	12.079	-0.007	0	16757	2.00	1.96	
126 Cyclohexanone	55	12.109	12.109	0.000	88	25546	50.0	48.2	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	846361	8.34	8.34	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_CYC_00012	Amount Added: 8.00	Units: uL
MSV_CCV_V5ACE_00056	Amount Added: 1.00	Units: uL
MSV_29_826ISO_00014	Amount Added: 1.00	Units: uL
MSV_V_SMRV4_00095	Amount Added: 5.00	Units: uL
MSV_DME_00066	Amount Added: 1.00	Units: uL

Report Date: 25-Nov-2025 15:44:05

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X04.D

Injection Date: 24-Nov-2025 22:27:30

Instrument ID: 16334

Operator ID: gaw91131

Lims ID: IC std3sm

Worklist Smp#: 5

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

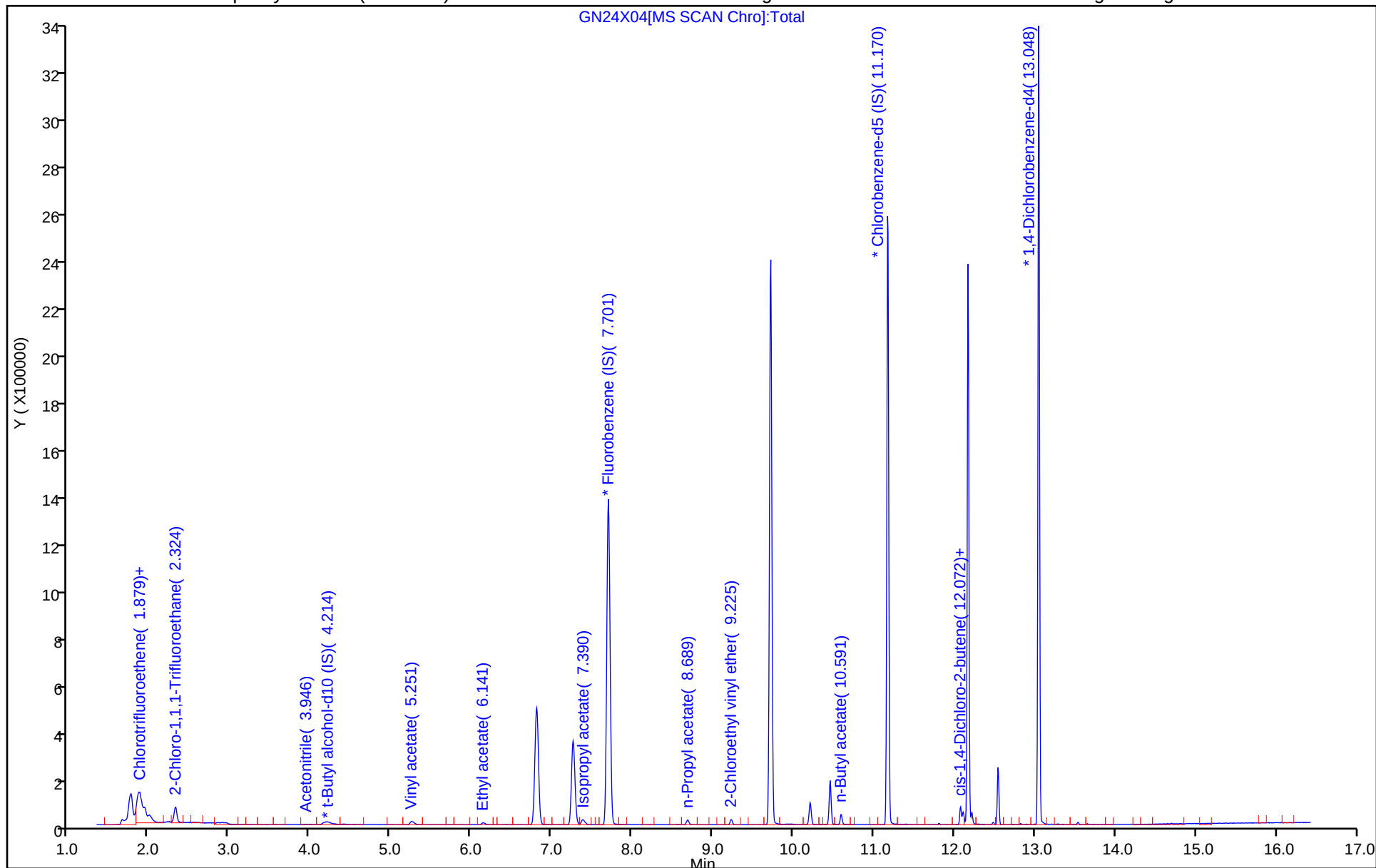
ALS Bottle#: 4

Method: MSV_16334_25mL

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\16334\20251124-167907.b\GN24X05.D
 Lims ID: IC std4sm
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 24-Nov-2025 22:50:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0167907-006
 Misc. Info.: IC STD4SM
 Operator ID: gaw91131 Instrument ID: 16334
 Sublist: chrom-MSV_16334_25mL*sub51
 Method: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 25-Nov-2025 15:44:08 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1704

First Level Reviewer: N7YK

Date: 25-Nov-2025 13:40:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.886	1.886	0.000	89	34608	2.00	1.56	
3 Chlorodifluoromethane	51	1.940	1.940	0.000	97	80585	2.00	1.81	
4 Dimethyl ether	45	2.001	2.001	0.000	98	94543	2.00	1.93	
8 2-Chloro-1,1,1-Trifluoroethane	118	2.325	2.325	0.000	33	96400	2.00	1.93	
26 Acetonitrile	41	3.952	3.952	0.000	75	15128	10.0	9.73	
* 30 t-Butyl alcohol-d10 (IS)	65	4.196	4.196	0.000	25	67945	41.7	41.7	
37 Vinyl acetate	43	5.257	5.257	0.000	97	78045	2.00	1.90	
46 Ethyl acetate	43	6.147	6.147	0.000	98	29505	2.00	1.92	
62 Isopropyl acetate	43	7.385	7.385	0.000	98	62333	2.00	1.88	
* 64 Fluorobenzene (IS)	96	7.702	7.702	0.000	99	1976325	8.34	8.34	
75 n-Propyl acetate	61	8.689	8.689	0.000	97	15215	2.00	1.96	
79 2-Chloroethyl vinyl ether	63	9.232	9.232	0.000	93	23291	2.00	1.94	
111 n-Butyl acetate	43	10.591	10.591	0.000	98	56991	2.00	1.79	
* 114 Chlorobenzene-d5 (IS)	117	11.176	11.176	0.000	83	1513517	8.34	8.34	
125 cis-1,4-Dichloro-2-butene	88	12.079	12.079	0.000	0	33934	4.00	3.93	
126 Cyclohexanone	55	12.109	12.109	0.000	90	51615	100.0	96.4	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	835535	8.34	8.34	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_CYC_00012	Amount Added: 8.00	Units: uL
MSV_CCV_V5ACE_00056	Amount Added: 1.00	Units: uL
MSV_29_826ISO_00014	Amount Added: 1.00	Units: uL
MSV_V_SMRV4_00095	Amount Added: 5.00	Units: uL
MSV_DME_00066	Amount Added: 1.00	Units: uL

Report Date: 25-Nov-2025 15:44:08

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X05.D

Injection Date: 24-Nov-2025 22:50:30

Instrument ID: 16334

Operator ID: gaw91131

Lims ID: IC std4sm

Worklist Smp#: 6

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

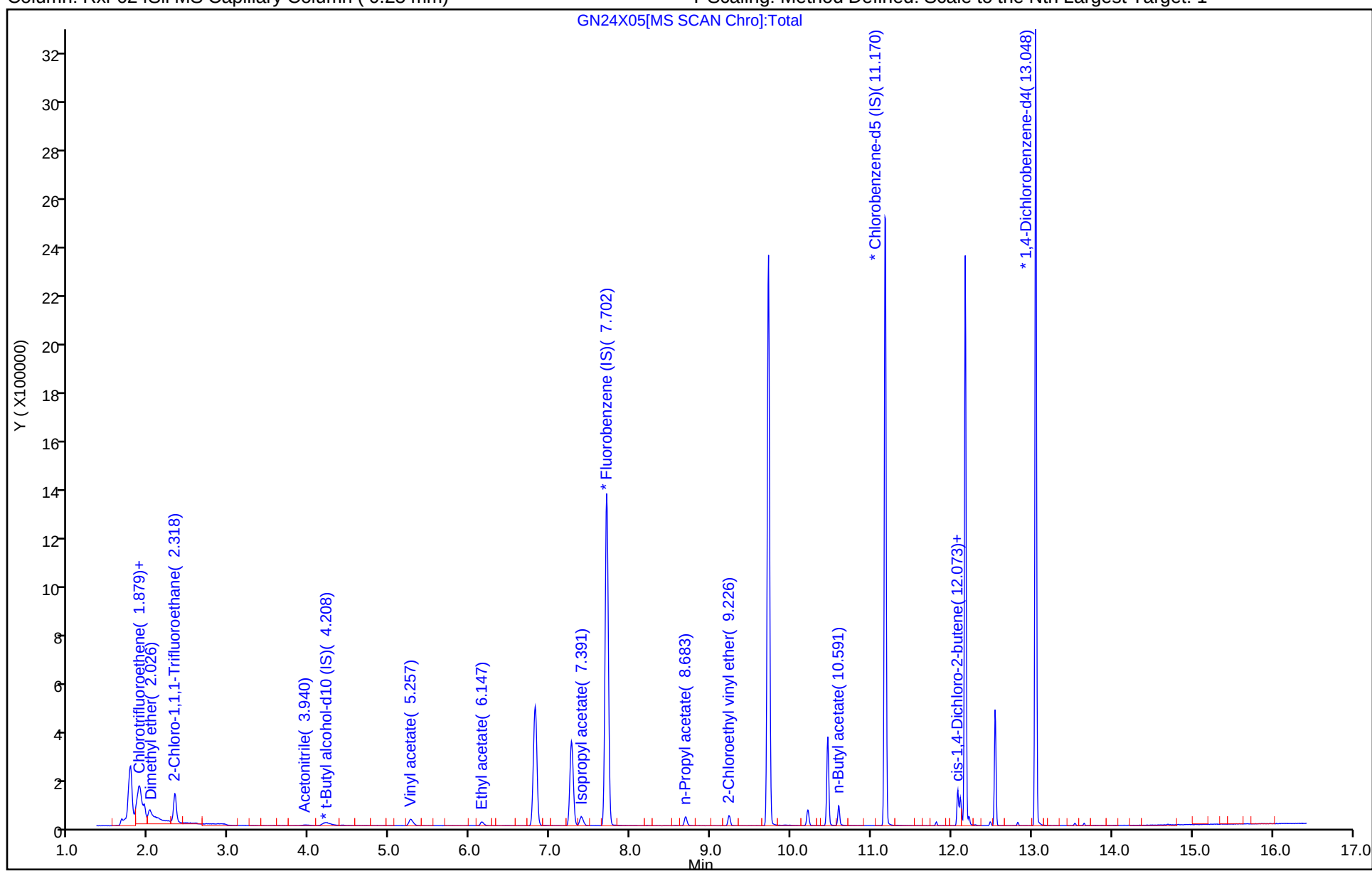
ALS Bottle#: 5

Method: MSV_16334_25mL

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\16334\20251124-167907.b\GN24X06.D
 Lims ID: IC std5sm
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 24-Nov-2025 23:12:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0167907-007
 Misc. Info.: IC STD5SM
 Operator ID: gaw91131 Instrument ID: 16334
 Sublist: chrom-MSV_16334_25mL*sub51
 Method: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 25-Nov-2025 15:44:10 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1704

First Level Reviewer: N7YK

Date: 25-Nov-2025 13:41:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.885	1.886	-0.001	89	110268	5.00	4.95	
3 Chlorodifluoromethane	51	1.940	1.940	0.000	97	223210	5.00	4.97	
4 Dimethyl ether	45	2.001	2.001	0.000	99	253609	5.00	5.16	
8 2-Chloro-1,1,1-Trifluoroethane	118	2.324	2.325	-0.001	33	269382	5.00	5.36	
26 Acetonitrile	41	3.934	3.952	-0.018	97	46216	25.0	27.5	
* 30 t-Butyl alcohol-d10 (IS)	65	4.202	4.196	0.006	25	73333	41.7	41.7	
37 Vinyl acetate	43	5.257	5.257	0.000	97	194299	5.00	4.71	
46 Ethyl acetate	43	6.147	6.147	0.000	99	78308	5.00	5.06	
62 Isopropyl acetate	43	7.390	7.385	0.006	98	169357	5.00	5.08	
* 64 Fluorobenzene (IS)	96	7.701	7.702	-0.001	99	1989576	8.34	8.34	
75 n-Propyl acetate	61	8.683	8.689	-0.006	97	39877	5.00	5.11	
79 2-Chloroethyl vinyl ether	63	9.225	9.232	-0.007	93	61596	5.00	5.11	
111 n-Butyl acetate	43	10.591	10.591	0.000	98	154272	5.00	4.85	
* 114 Chlorobenzene-d5 (IS)	117	11.176	11.176	0.000	83	1511234	8.34	8.34	
125 cis-1,4-Dichloro-2-butene	88	12.079	12.079	0.000	0	89547	10.0	9.61	
126 Cyclohexanone	55	12.109	12.109	0.000	89	141231	250.0	244.3	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	845804	8.34	8.34	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_CYC_00012	Amount Added: 8.00	Units: uL
MSV_CCV_V5ACE_00056	Amount Added: 1.00	Units: uL
MSV_29_826ISO_00014	Amount Added: 1.00	Units: uL
MSV_V_SMRV4_00095	Amount Added: 5.00	Units: uL
MSV_DME_00066	Amount Added: 1.00	Units: uL

Report Date: 25-Nov-2025 15:44:11

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X06.D

Injection Date: 24-Nov-2025 23:12:30

Instrument ID: 16334

Operator ID: gaw91131

Lims ID: IC std5sm

Worklist Smp#: 7

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

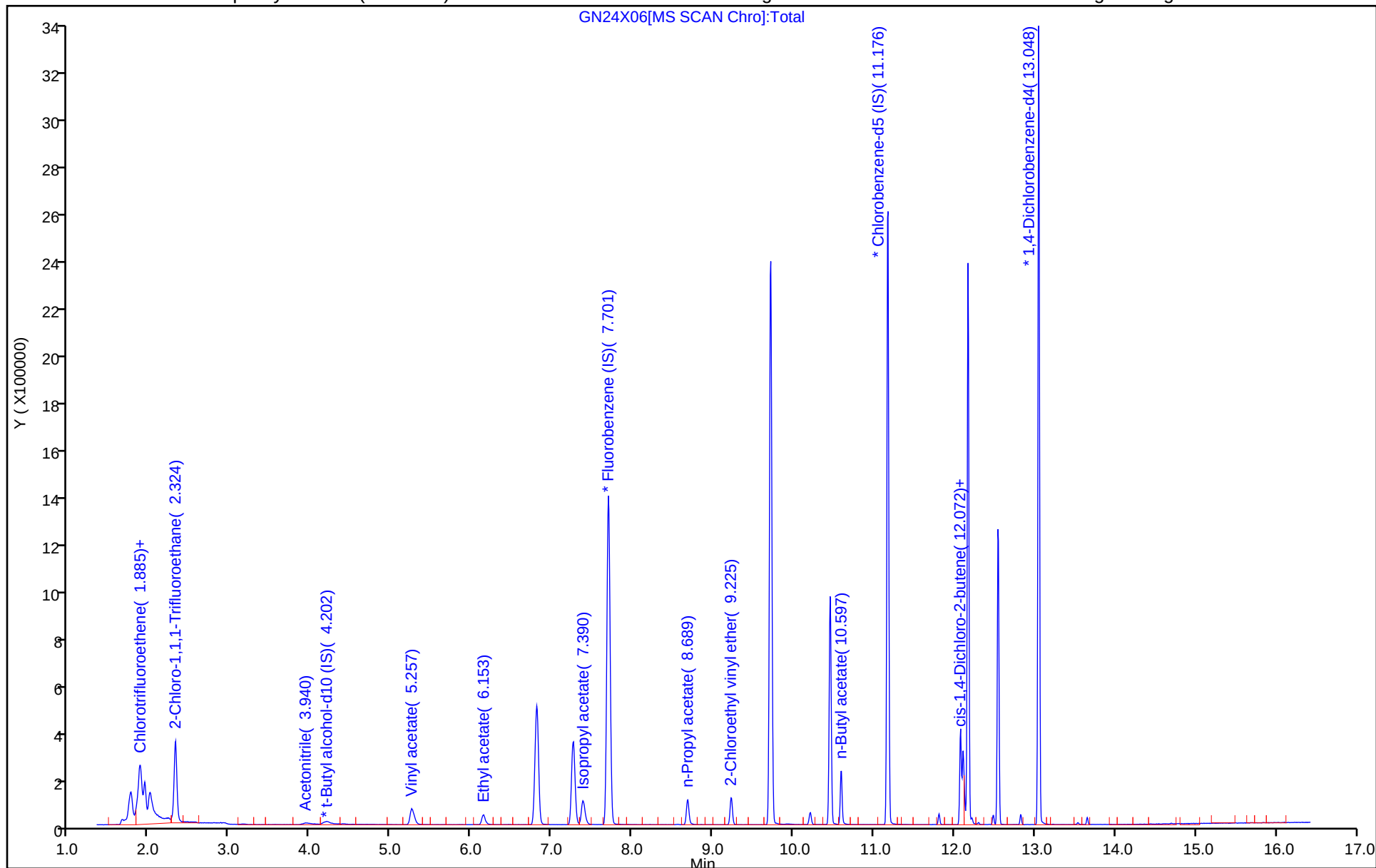
ALS Bottle#: 6

Method: MSV_16334_25mL

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\16334\20251124-167907.b\GN24X07.D
 Lims ID: IC std6sm
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 24-Nov-2025 23:34:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0167907-008
 Misc. Info.: IC STD6SM
 Operator ID: gaw91131 Instrument ID: 16334
 Sublist: chrom-MSV_16334_25mL*sub51
 Method: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 25-Nov-2025 15:44:14 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1704

First Level Reviewer: N7YK

Date: 25-Nov-2025 08:57:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.885	1.885	0.000	92	243156	10.0	11.0	
3 Chlorodifluoromethane	51	1.946	1.946	0.000	97	456280	10.0	10.3	
4 Dimethyl ether	45	2.007	2.007	0.000	98	498480	10.0	10.3	
8 2-Chloro-1,1,1-Trifluoroethane	118	2.324	2.324	0.000	33	551914	10.0	11.1	
26 Acetonitrile	41	3.946	3.946	0.000	100	73001	50.0	45.6	
* 30 t-Butyl alcohol-d10 (IS)	65	4.196	4.196	0.000	25	69977	41.7	41.7	
37 Vinyl acetate	43	5.257	5.257	0.000	97	362605	10.0	8.89	
46 Ethyl acetate	43	6.147	6.147	0.000	98	146390	10.0	9.57	
62 Isopropyl acetate	43	7.390	7.390	0.000	98	316996	10.0	9.62	
* 64 Fluorobenzene (IS)	96	7.701	7.701	0.000	99	1966338	8.34	8.34	
75 n-Propyl acetate	61	8.689	8.689	0.000	97	75894	10.0	9.83	
79 2-Chloroethyl vinyl ether	63	9.232	9.232	0.000	92	127093	10.0	10.7	
111 n-Butyl acetate	43	10.597	10.597	0.000	98	289601	10.0	9.20	
* 114 Chlorobenzene-d5 (IS)	117	11.176	11.176	0.000	84	1495231	8.34	8.34	
125 cis-1,4-Dichloro-2-butene	88	12.079	12.079	0.000	0	191068	20.0	21.5	
126 Cyclohexanone	55	12.109	12.109	0.000	90	269910	500.0	489.3	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	831988	8.34	8.34	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_CYC_00012	Amount Added: 8.00	Units: uL
MSV_CCV_V5ACE_00056	Amount Added: 1.00	Units: uL
MSV_29_826ISO_00014	Amount Added: 1.00	Units: uL
MSV_V_SMRV4_00095	Amount Added: 5.00	Units: uL
MSV_DME_00066	Amount Added: 1.00	Units: uL

Report Date: 25-Nov-2025 15:44:14

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X07.D

Injection Date: 24-Nov-2025 23:34:30

Instrument ID: 16334

Operator ID: gaw91131

Lims ID: IC std6sm

Worklist Smp#: 8

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

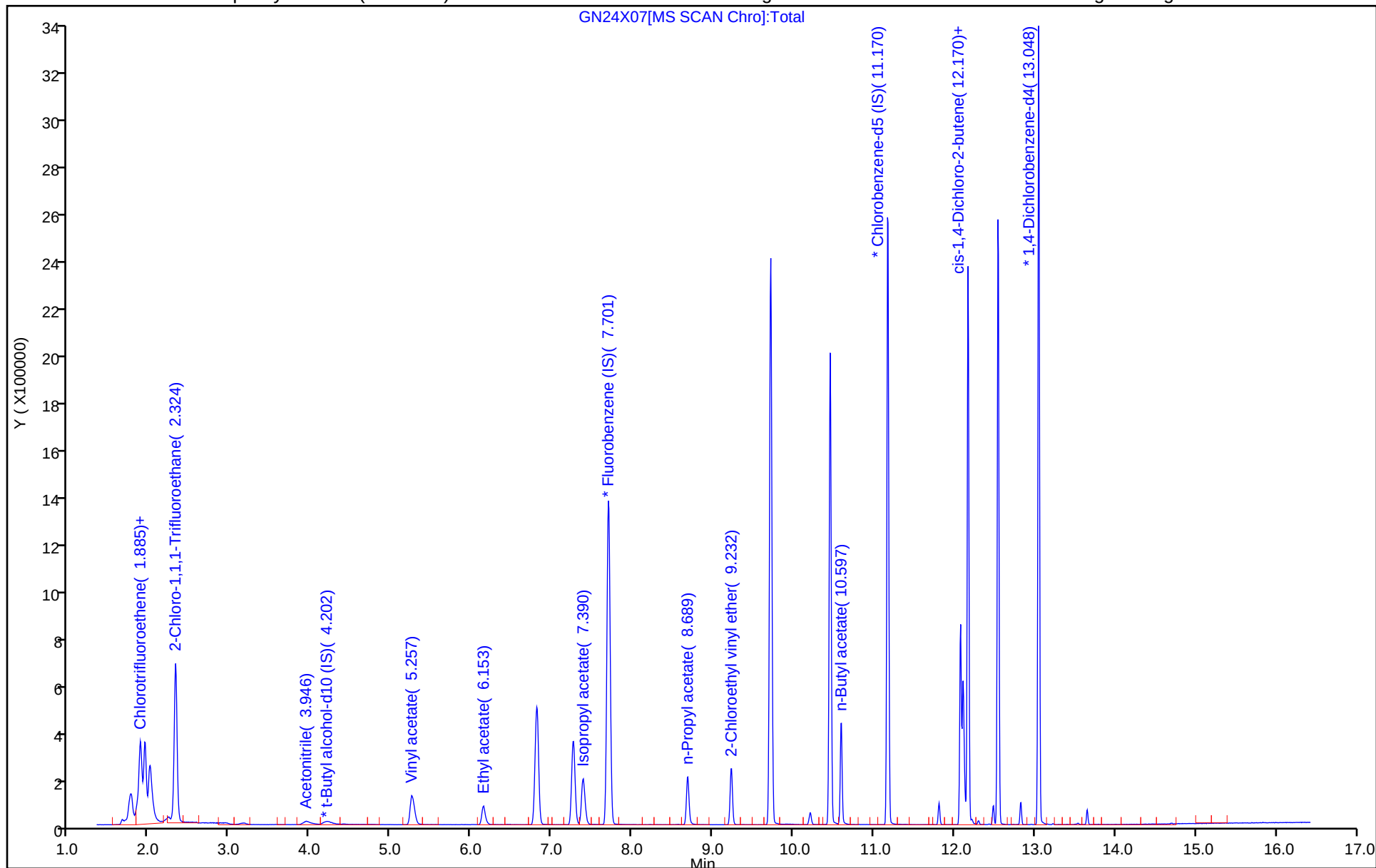
ALS Bottle#: 7

Method: MSV_16334_25mL

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\16334\20251124-167907.b\GN24X08.D
 Lims ID: IC std7sm
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 24-Nov-2025 23:56:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0167907-009
 Misc. Info.: IC STD7SM
 Operator ID: gaw91131 Instrument ID: 16334
 Sublist: chrom-MSV_16334_25mL*sub51
 Method: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 25-Nov-2025 15:44:17 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1704

First Level Reviewer: N7YK

Date: 25-Nov-2025 13:41:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.879	1.885	-0.006	91	663963	25.0	29.8	
3 Chlorodifluoromethane	51	1.934	1.946	-0.012	96	1187311	25.0	26.4	
4 Dimethyl ether	45	1.995	2.007	-0.012	99	1182276	25.0	24.0	
8 2-Chloro-1,1,1-Trifluoroethane	118	2.312	2.324	-0.012	33	1422553	25.0	28.3	
26 Acetonitrile	41	3.928	3.946	-0.018	98	201393	125.0	116.8	
* 30 t-Butyl alcohol-d10 (IS)	65	4.208	4.196	0.012	25	75321	41.7	41.7	
37 Vinyl acetate	43	5.251	5.257	-0.006	97	959827	25.0	23.2	
46 Ethyl acetate	43	6.141	6.147	-0.006	99	390381	25.0	25.2	
62 Isopropyl acetate	43	7.384	7.390	-0.006	98	840242	25.0	25.2	
* 64 Fluorobenzene (IS)	96	7.701	7.701	0.000	99	1991001	8.34	8.34	
75 n-Propyl acetate	61	8.683	8.689	-0.006	97	201337	25.0	25.8	
79 2-Chloroethyl vinyl ether	63	9.225	9.232	-0.007	93	320122	25.0	26.5	
111 n-Butyl acetate	43	10.591	10.597	-0.006	98	768549	25.0	24.4	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.176	-0.006	83	1495744	8.34	8.34	
125 cis-1,4-Dichloro-2-butene	88	12.079	12.079	0.000	0	483268	50.0	50.5	
126 Cyclohexanone	55	12.109	12.109	0.000	89	690361	1250.0	1162.7	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	822384	8.34	8.34	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_CYC_00012	Amount Added: 20.00	Units: uL
MSV_CCV_V5ACE_00056	Amount Added: 2.50	Units: uL
MSV_29_826ISO_00014	Amount Added: 1.00	Units: uL
MSV_V_SMRV4_00095	Amount Added: 12.50	Units: uL
MSV_DME_00066	Amount Added: 2.50	Units: uL

Report Date: 25-Nov-2025 15:44:19

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X08.D

Injection Date: 24-Nov-2025 23:56:30

Instrument ID: 16334

Operator ID: gaw91131

Lims ID: IC std7sm

Worklist Smp#: 9

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

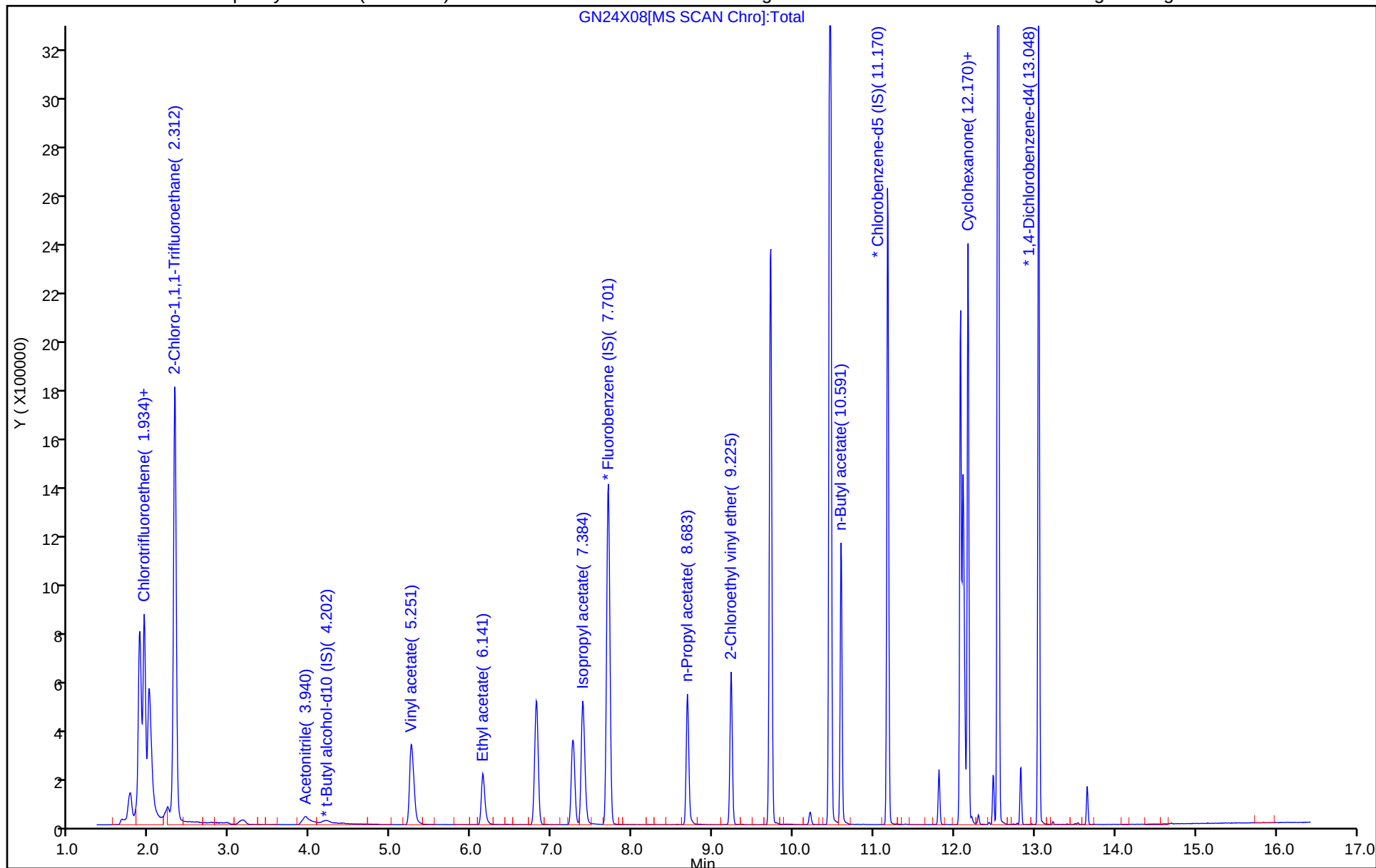
ALS Bottle#: 8

Method: MSV_16334_25mL

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



Calibration

/ Chlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

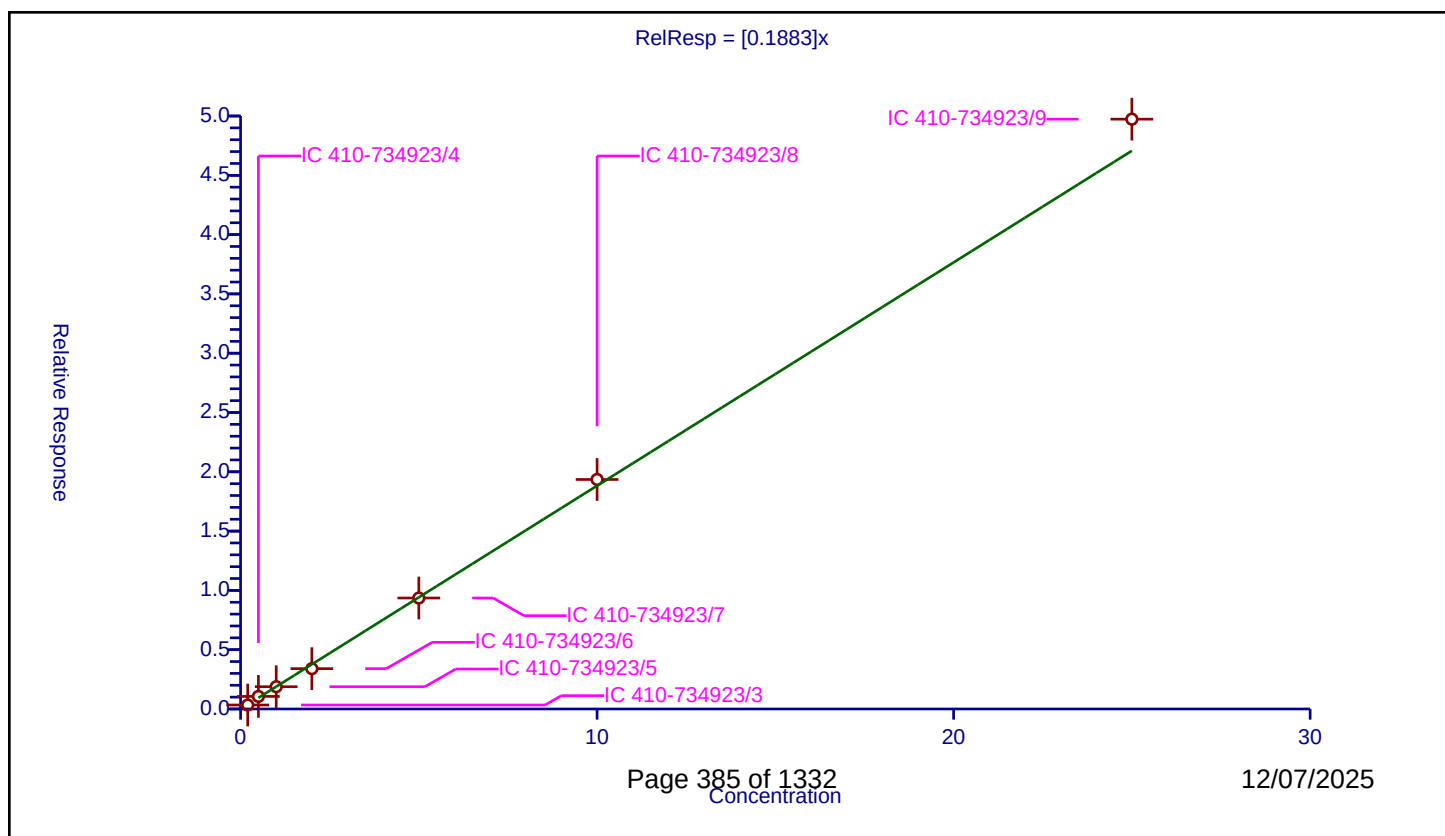
Curve Coefficients

Intercept: 0
Slope: 0.1883

Error Coefficients

Relative Standard Deviation: 8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/3	0.2	0.033615	8.34	1993288.0	0.168073	Y
2	IC 410-734923/4	0.5	0.10612	8.34	1988885.0	0.21224	Y
3	IC 410-734923/5	1.0	0.187957	8.34	1991900.0	0.187957	Y
4	IC 410-734923/6	2.0	0.340065	8.34	1976325.0	0.170032	Y
5	IC 410-734923/7	5.0	0.935662	8.34	1989576.0	0.187132	Y
6	IC 410-734923/8	10.0	1.93526	8.34	1966338.0	0.193526	Y
7	IC 410-734923/9	25.0	4.973465	8.34	1991001.0	0.198939	Y



Calibration

/ Dimethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

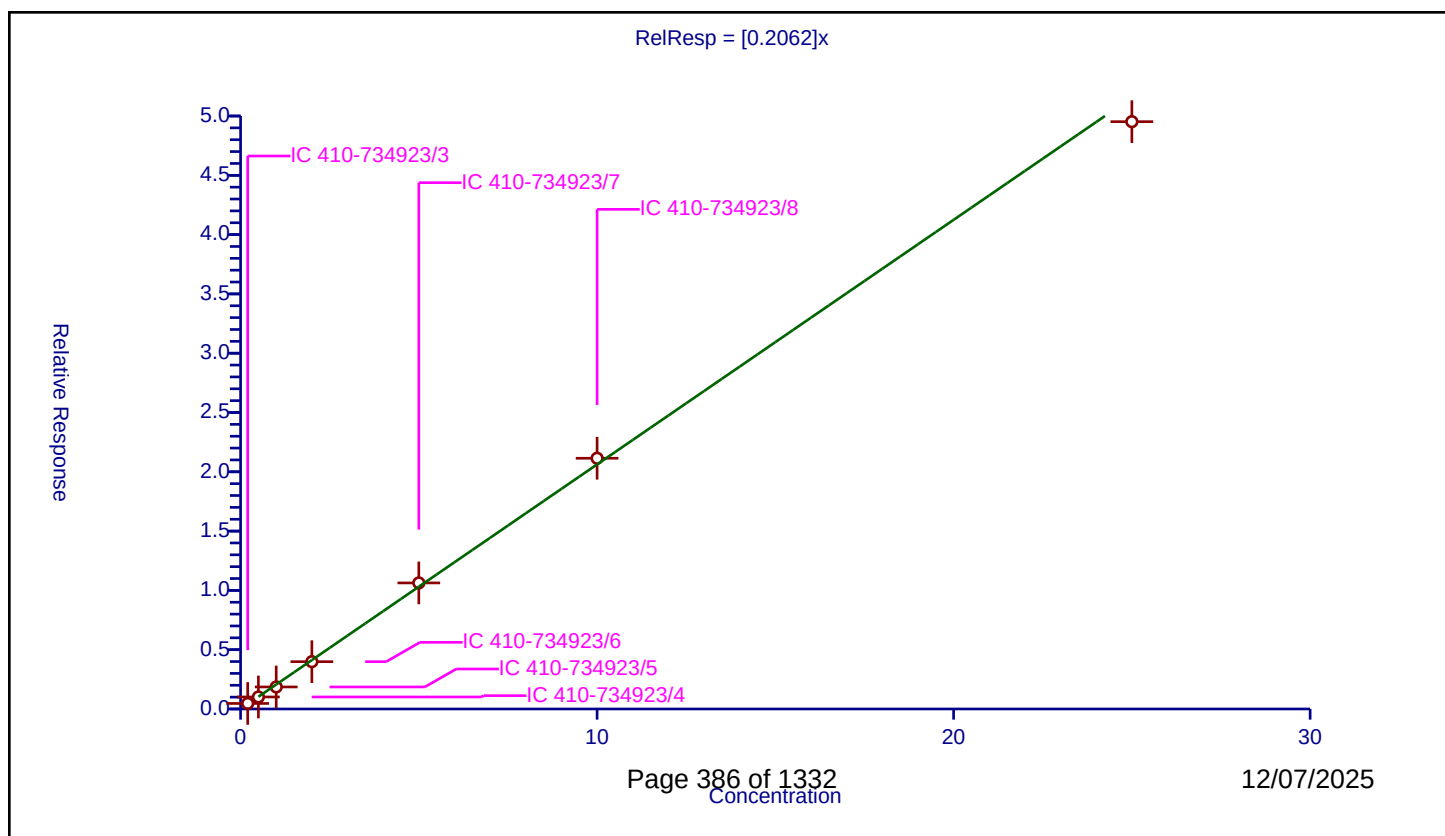
Curve Coefficients

Intercept: 0
Slope: 0.2062

Error Coefficients

Relative Standard Deviation: 7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/3	0.2	0.046686	8.34	1993288.0	0.233428	Y
2	IC 410-734923/4	0.5	0.101352	8.34	1988885.0	0.202704	Y
3	IC 410-734923/5	1.0	0.185817	8.34	1991900.0	0.185817	Y
4	IC 410-734923/6	2.0	0.398967	8.34	1976325.0	0.199484	Y
5	IC 410-734923/7	5.0	1.06309	8.34	1989576.0	0.212618	Y
6	IC 410-734923/8	10.0	2.114246	8.34	1966338.0	0.211425	Y
7	IC 410-734923/9	25.0	4.952374	8.34	1991001.0	0.198095	Y



Calibration

/ Acetonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

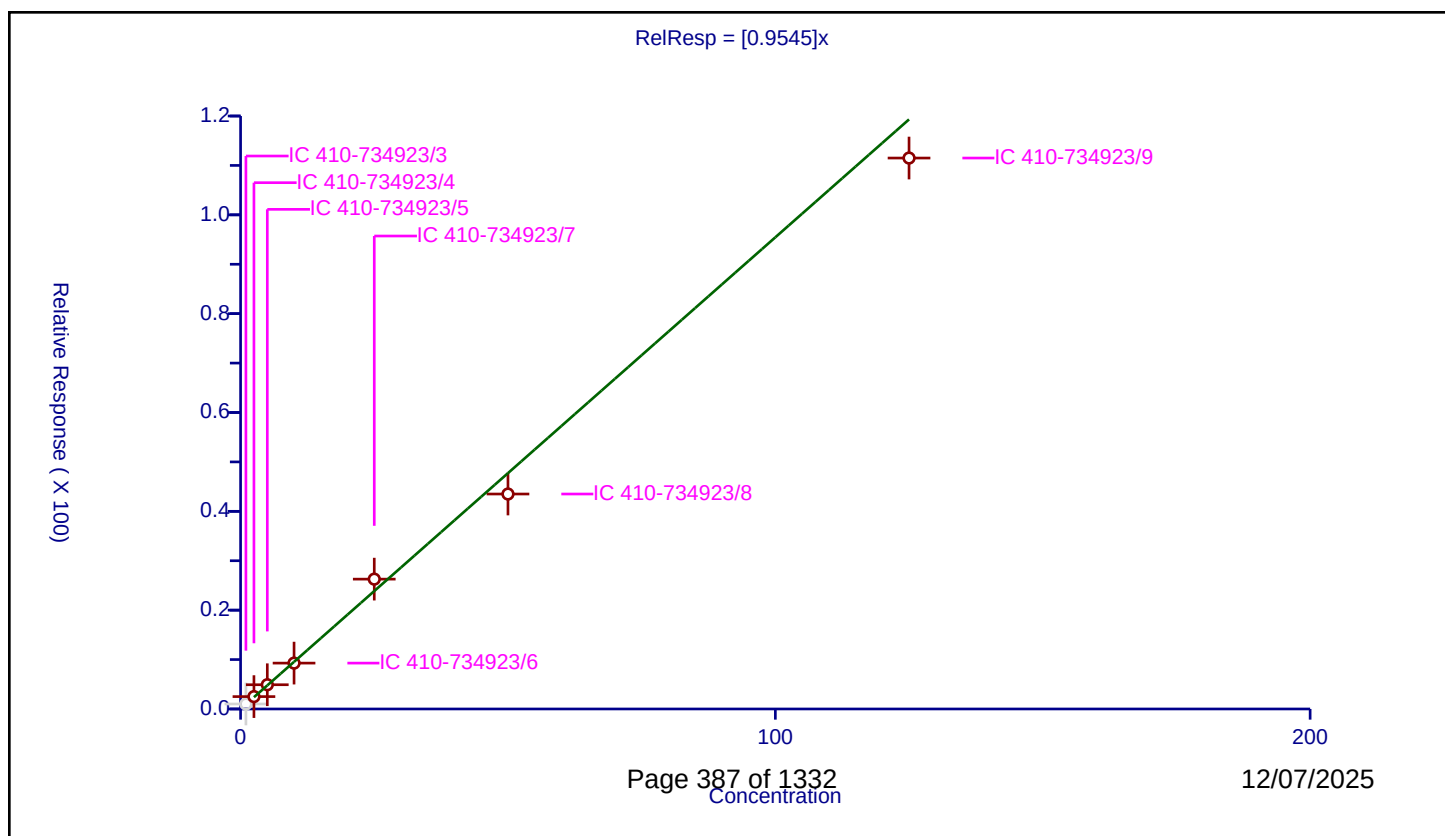
Curve Coefficients

Intercept: 0
Slope: 0.9545

Error Coefficients

Relative Standard Deviation: 7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/3	1.0	1.009842	41.7	67515.0	1.009842	N
2	IC 410-734923/4	2.5	2.508817	41.7	67167.0	1.003527	Y
3	IC 410-734923/5	5.0	4.910112	41.7	67279.0	0.982022	Y
4	IC 410-734923/6	10.0	9.284533	41.7	67945.0	0.928453	Y
5	IC 410-734923/7	25.0	26.280218	41.7	73333.0	1.051209	Y
6	IC 410-734923/8	50.0	43.502032	41.7	69977.0	0.870041	Y
7	IC 410-734923/9	125.0	111.4973	41.7	75321.0	0.891978	Y



Calibration

/ Vinyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

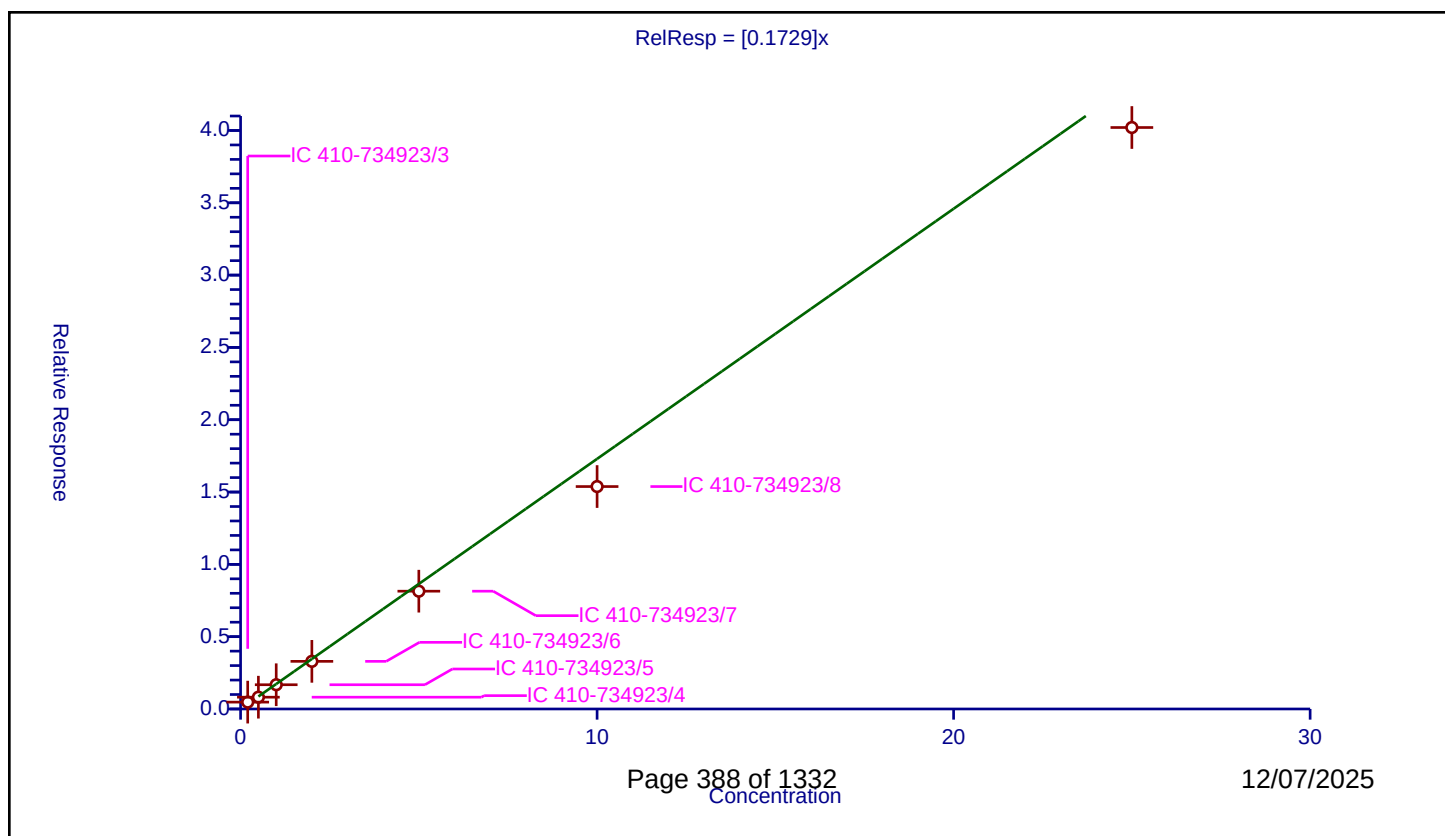
Curve Coefficients

Intercept: 0
Slope: 0.1729

Error Coefficients

Relative Standard Deviation: 16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/3	0.2	0.047468	8.34	1993288.0	0.23734	Y
2	IC 410-734923/4	0.5	0.081656	8.34	1988885.0	0.163312	Y
3	IC 410-734923/5	1.0	0.167696	8.34	1991900.0	0.167696	Y
4	IC 410-734923/6	2.0	0.329346	8.34	1976325.0	0.164673	Y
5	IC 410-734923/7	5.0	0.814472	8.34	1989576.0	0.162894	Y
6	IC 410-734923/8	10.0	1.537948	8.34	1966338.0	0.153795	Y
7	IC 410-734923/9	25.0	4.020569	8.34	1991001.0	0.160823	Y



Calibration

/ Ethyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

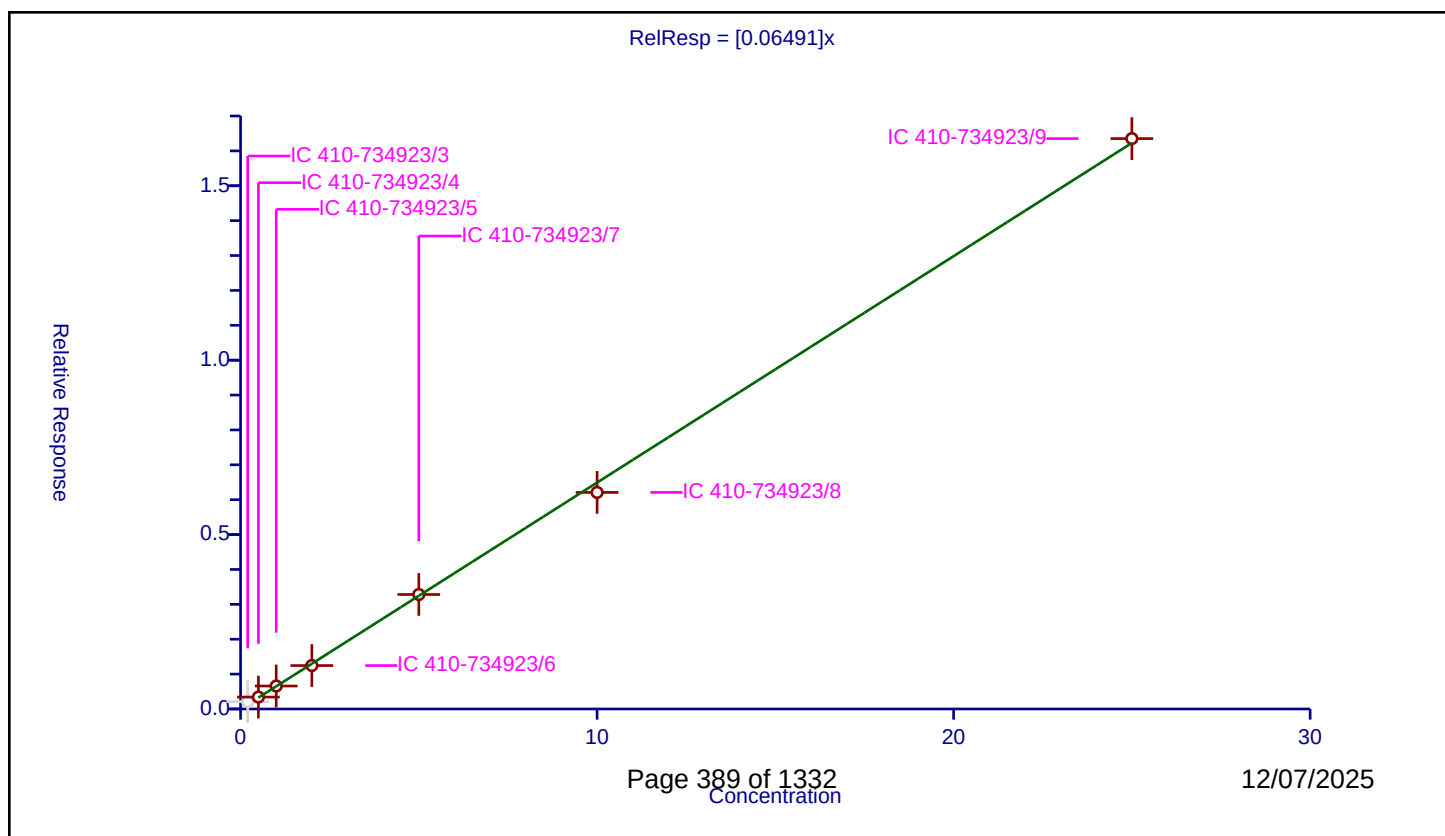
Curve Coefficients

Intercept: 0
Slope: 0.06491

Error Coefficients

Relative Standard Deviation: 3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/3	0.2	0.020979	8.34	1993288.0	0.104894	N
2	IC 410-734923/4	0.5	0.0341	8.34	1988885.0	0.0682	Y
3	IC 410-734923/5	1.0	0.065869	8.34	1991900.0	0.065869	Y
4	IC 410-734923/6	2.0	0.12451	8.34	1976325.0	0.062255	Y
5	IC 410-734923/7	5.0	0.328255	8.34	1989576.0	0.065651	Y
6	IC 410-734923/8	10.0	0.620897	8.34	1966338.0	0.06209	Y
7	IC 410-734923/9	25.0	1.635247	8.34	1991001.0	0.06541	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

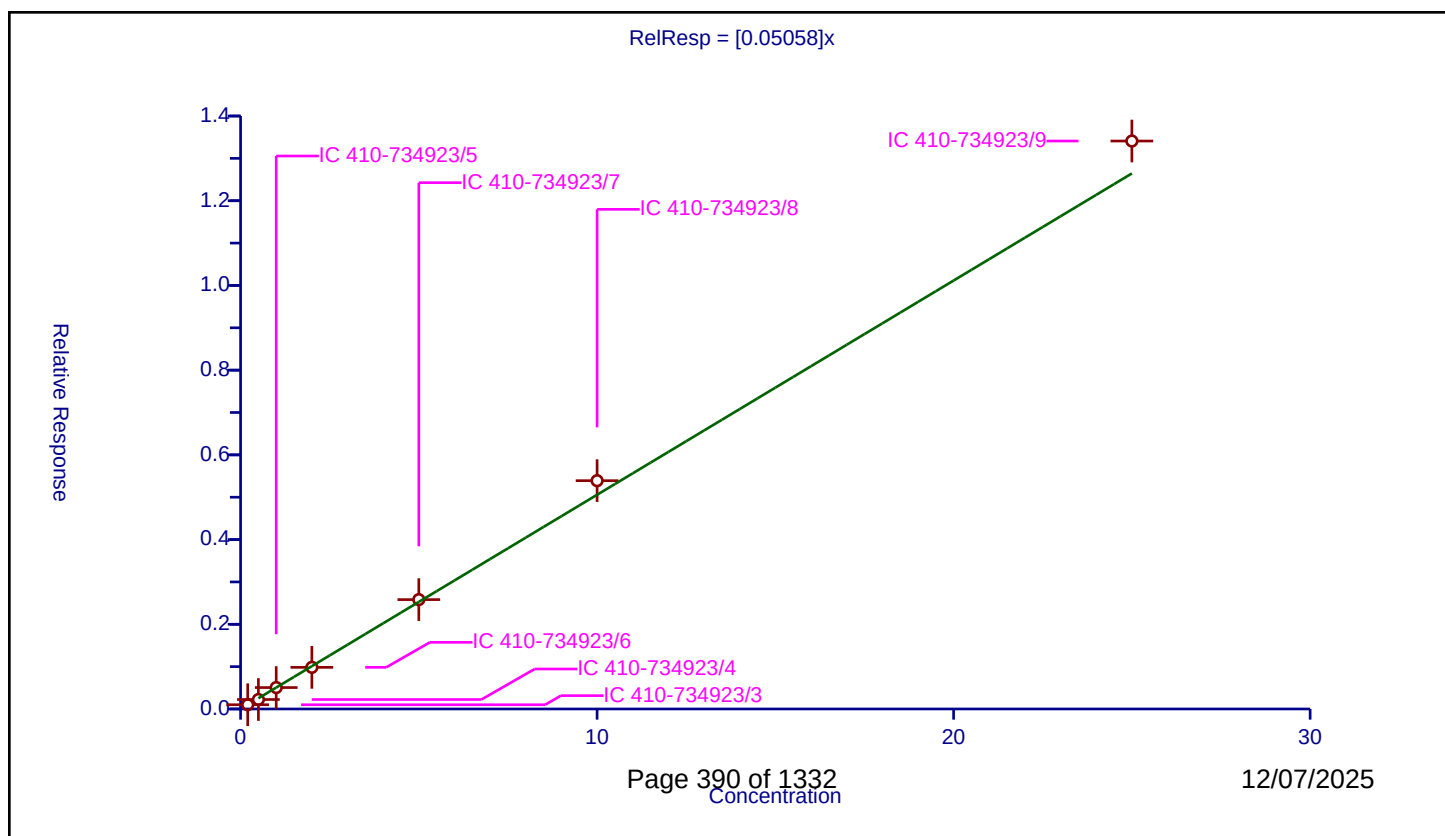
Curve Coefficients

Intercept: 0
Slope: 0.05058

Error Coefficients

Relative Standard Deviation: 6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/3	0.2	0.010067	8.34	1993288.0	0.050334	Y
2	IC 410-734923/4	0.5	0.02238	8.34	1988885.0	0.044759	Y
3	IC 410-734923/5	1.0	0.050616	8.34	1991900.0	0.050616	Y
4	IC 410-734923/6	2.0	0.098287	8.34	1976325.0	0.049143	Y
5	IC 410-734923/7	5.0	0.258201	8.34	1989576.0	0.05164	Y
6	IC 410-734923/8	10.0	0.539051	8.34	1966338.0	0.053905	Y
7	IC 410-734923/9	25.0	1.340942	8.34	1991001.0	0.053638	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

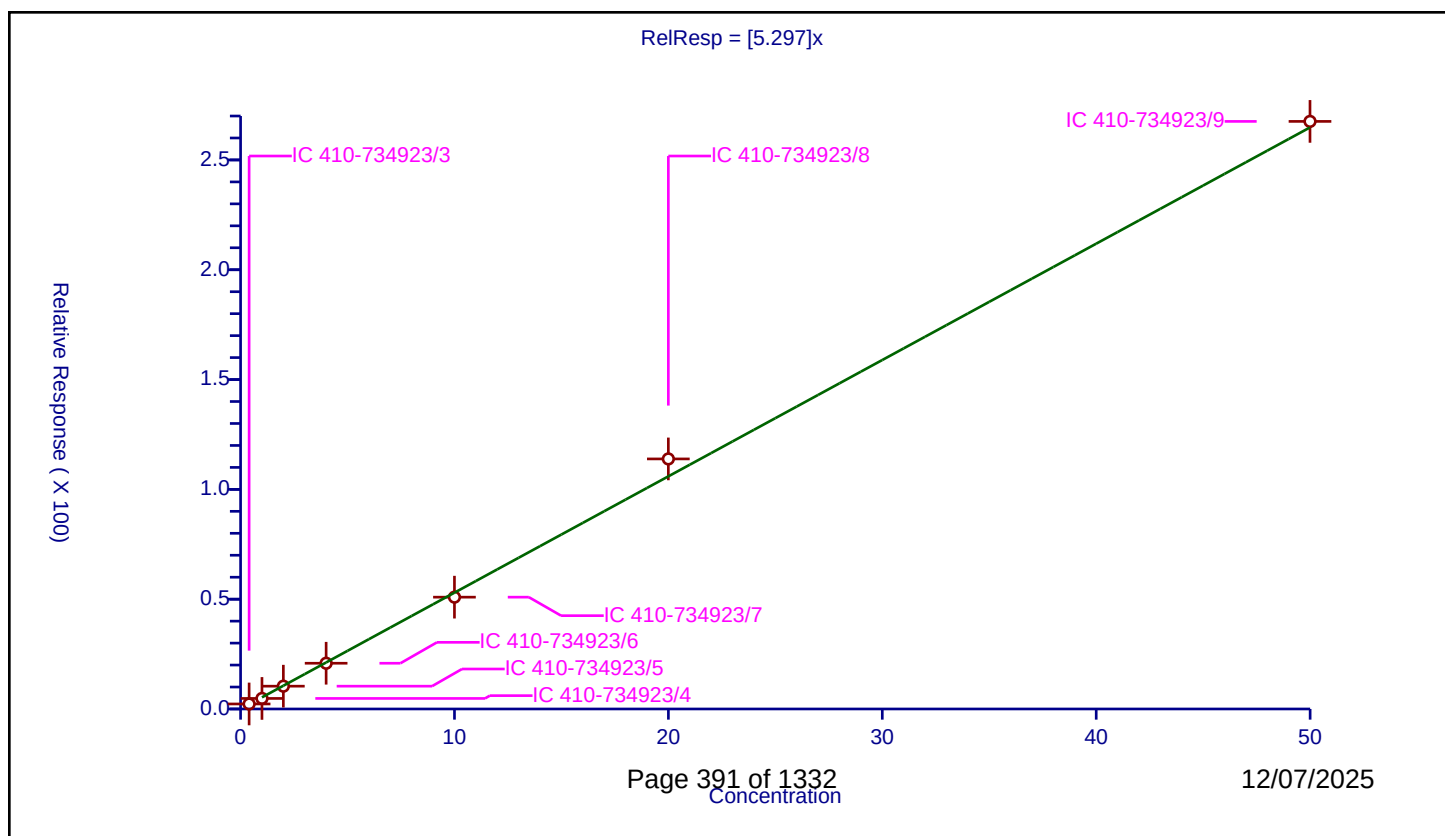
Curve Coefficients

Intercept: 0
Slope: 5.297

Error Coefficients

Relative Standard Deviation: 6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/3	0.399959	2.292064	41.7	67515.0	5.730746	Y
2	IC 410-734923/4	0.999898	4.807169	41.7	67167.0	4.80766	Y
3	IC 410-734923/5	1.999796	10.386107	41.7	67279.0	5.193584	Y
4	IC 410-734923/6	3.999591	20.826371	41.7	67945.0	5.207125	Y
5	IC 410-734923/7	9.998978	50.919912	41.7	73333.0	5.092512	Y
6	IC 410-734923/8	19.997956	113.859348	41.7	69977.0	5.693549	Y
7	IC 410-734923/9	49.99489	267.551886	41.7	75321.0	5.351585	Y



Calibration

/ Cyclohexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

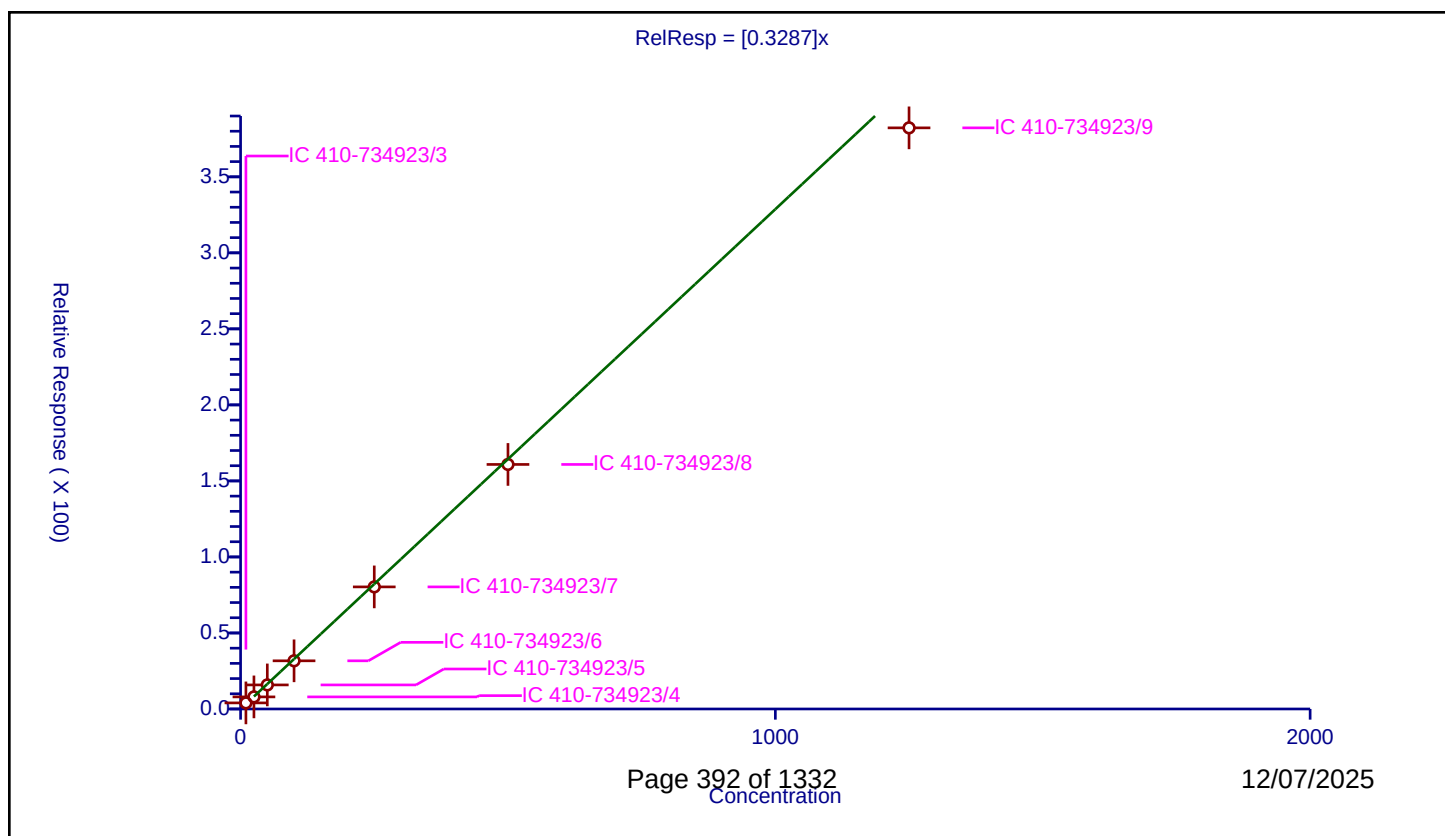
Curve Coefficients

Intercept: 0
Slope: 0.3287

Error Coefficients

Relative Standard Deviation: 9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/3	10.000187	4.006634	41.7	67515.0	0.400656	Y
2	IC 410-734923/4	25.000466	7.956072	41.7	67167.0	0.318237	Y
3	IC 410-734923/5	50.000933	15.833591	41.7	67279.0	0.316666	Y
4	IC 410-734923/6	100.001866	31.677761	41.7	67945.0	0.316772	Y
5	IC 410-734923/7	250.004664	80.309447	41.7	73333.0	0.321232	Y
6	IC 410-734923/8	500.009328	160.842091	41.7	69977.0	0.321678	Y
7	IC 410-734923/9	1250.02332	382.204879	41.7	75321.0	0.305758	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 734923
Environment Testing, LLC

SDG No.:

Instrument ID: 16334 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-734923/13	GN24X12.D
Level 2	IC 410-734923/14	GN24X13.D
Level 3	IC 410-734923/15	GN24X14.D
Level 4	IC 410-734923/16	GN24X15.D
Level 5	IC 410-734923/17	GN24X16.D
Level 6	IC 410-734923/18	GN24X17.D
Level 7	IC 410-734923/19	GN24X18.D
Level 8	ICIS 410-734923/20	GN24X19.D
Level 9	IC 410-734923/21	GN24X20.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	LVL 8	LVL 9													
Dichlorodifluoromethane	0.2997 0.3245	0.3327 0.3606	0.3058 0.3484	0.2966 0.3560	0.3559	Ave		0.331 1			0.1000	7.7		20.0			
Chloromethane	0.4257 0.2898	0.3584 0.3224	0.3017 0.3013	0.2850 0.3137	0.3066	Ave		0.322 7			0.1000	13.7		20.0			
1,3-Butadiene	++++ 0.2500	0.3079 0.2676	0.2491 0.2559	0.2109 0.2571	0.2484	Ave		0.255 9				10.4		20.0			
Vinyl chloride	0.3735 0.2885	0.3320 0.3231	0.2891 0.3149	0.2759 0.3140	0.3155	Ave		0.314 1			0.1000	9.2		20.0			
Bromomethane	0.2573 0.2233	0.2512 0.2463	0.2405 0.2430	0.2320 0.2437	0.2452	Ave		0.242 5			0.1000	4.1		20.0			
Chloroethane	0.1800 0.1628	0.1877 0.1788	0.1644 0.1749	0.1634 0.1749	0.1740	Ave		0.173 4			0.1000	4.9		20.0			
Dichlorofluoromethane	++++ 0.4175	0.5590 0.4527	0.4528 0.4436	0.4185 0.4452	0.4528	Ave		0.455 3			0.1000	9.7		20.0			
Trichlorofluoromethane	++++ 0.4212	0.4255 0.4548	0.3923 0.4452	0.3864 0.4469	0.4570	Ave		0.428 7			0.1000	6.4		20.0			
Ethyl ether			0.1221 0.1159	0.1063 0.1166	0.1029	Ave		0.111 5				7.1		20.0			
Freon 123a	0.1715 0.2275	0.2711 0.2547	0.2284 0.2478	0.2178 0.2464	0.2544	Ave		0.235 5				12.4		20.0			
Acrolein			2.3402 2.1252	2.1924 2.2568	2.2892	Ave		2.181 4				6.3		20.0			
1,1-Dichloroethene	++++ 0.1747	0.1795 0.1896	0.1751 0.1863	0.1697 0.1860	0.1814	Ave		0.180 3			0.1000	3.8		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.: 410-254861-1 Analy Batch No.: 734923
 Environment Testing, LLC

SDG No.: _____

Instrument ID: 16334 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acetone	2.4911	2.5939	3.8198 2.5147	3.2240 2.5310	3.0803	Ave		2.893 6			0.1000	17.4		20.0			
Freon 113	0.1824	0.2086	0.1289 0.2035	0.1746 0.2044	0.1980	Ave		0.185 8			0.1000	15.1		20.0			
Methyl iodide	0.3662	0.4006	0.3717 0.3959	0.3755 0.3941	0.3891	Ave		0.384 8				3.5		20.0			
Ethyl bromide	0.1749	0.1974	0.1851 0.1944	0.1894 0.1920	0.1899	Ave		0.189 0				3.9		20.0			
Carbon disulfide	0.5505	0.6163	0.5553 0.6090	0.5660 0.6118	0.5899	Ave		0.585 5			0.1000	4.8		20.0			
Methyl acetate	6.6108	7.2934	10.744 6.8310	8.9559 7.4798	9.4758	Ave		8.198 7			0.1000	18.9		20.0			
Allyl chloride	0.2553	0.2774	0.2888 0.2716	0.2726 0.2725	0.2712	Ave		0.272 8				3.6		20.0			
Methylene Chloride	0.1880	0.2041	0.2126 0.2001	0.1967 0.1998	0.2014	Ave		0.200 4			0.1000	3.7		20.0			
t-Butyl alcohol	0.8345	0.8406	0.9072 0.8267	0.8574 0.7709	0.9889	Ave		0.860 9				8.1		20.0			
Acrylonitrile	3.4139	3.8295	3.2583 3.8607	3.6113 4.1650	4.0193	Ave		3.736 9				8.7		20.0			
Methyl tert-butyl ether	0.3875	0.4186	0.4018 0.4136	0.3978 0.4166	0.4051	Ave		0.405 9			0.1000	2.8		20.0			
trans-1,2-Dichloroethene	0.2108	0.2317	0.2300 0.2292	0.2103 0.2277	0.2245	Ave		0.223 4			0.1000	4.1		20.0			
n-Hexane	0.2380	0.2719	0.1882 0.2612	0.2196 0.2738	0.2597	Ave		0.244 6				12.9		20.0			
1,1-Dichloroethane	0.3278	0.3679	0.3471 0.3592	0.3412 0.3594	0.3542	Ave		0.350 9			0.2000	3.8		20.0			
di-Isopropyl ether	0.5290	0.5890	0.5491 0.5769	0.5410 0.5731	0.5630	Ave		0.560 2				3.8		20.0			
2-Chloro-1,3-butadiene	0.2755	0.3079	0.2714 0.3036	0.2766 0.3006	0.2978	Ave		0.290 5				5.3		20.0			
Ethyl t-butyl ether	0.4969	0.5482	0.5337 0.5411	0.4931 0.5405	0.5247	Ave		0.525 5				4.2		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.: 410-254861-1 Analy Batch No.: 734923
 Environment Testing, LLC

SDG No.: _____

Instrument ID: 16334 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Butanone (MEK)	4.0627	4.5493	4.8984 4.3929	4.7243 4.6230	4.7778	Ave		4.575 5			0.1000	6.1		20.0			
cis-1,2-Dichloroethene	0.1566 0.2297	0.2463 0.2529	0.2244 0.2493	0.2342 0.2483	0.2482	Ave		0.232 2			0.1000	12.9		20.0			
2,2-Dichloropropane	0.2872	0.3201	0.2974 0.3140	0.2858 0.3141	0.3032	Ave		0.303 1				4.5		20.0			
Propionitrile	1.2421	1.3322	1.4296 1.3654	1.3387 1.4804	1.4062	Ave		1.370 6				5.6		20.0			
Methacrylonitrile	4.7440	5.4470	5.8745 5.3570	5.6069 5.6976	5.8321	Ave		5.508 4				7.0		20.0			
Bromochloromethane	0.0960	0.1048	0.0985 0.1042	0.0968 0.1035	0.1018	Ave		0.100 8				3.6		20.0			
Tetrahydrofuran	1.2775	1.3903	1.4695 1.4331	1.6001 1.4897	1.4851	Ave		1.449 3				6.9		20.0			
Chloroform	0.3624	0.3937	0.3900 0.3867	0.3710 0.3855	0.3892	Ave		0.382 6			0.2000	3.0		20.0			
1,1,1-Trichloroethane	0.3205	0.3533	0.3123 0.3496	0.3319 0.3508	0.3459	Ave		0.337 8			0.1000	4.8		20.0			
Cyclohexane	0.3010	0.3413	0.2433 0.3321	0.2801 0.3345	0.3281	Ave		0.308 6			0.1000	11.7		20.0			
Carbon tetrachloride	0.2856	0.3202	0.2687 0.3165	0.2754 0.3180	0.3019	Ave		0.298 0			0.1000	7.2		20.0			
1,1-Dichloropropene	0.2691	0.3000	0.2651 0.2948	0.2734 0.2940	0.2937	Ave		0.284 3				5.1		20.0			
Isobutyl alcohol	0.0021	0.0022	0.0024 0.0021	0.0020 0.0021	0.0023	Ave		0.002 2				5.6		20.0			
Benzene	0.8224	0.8976	0.8653 0.8808	0.8579 0.8766	0.8824	Ave		0.869 0			0.5000	2.8		20.0			
1,2-Dichloroethane	0.1852	0.2002	0.1982 0.1962	0.1891 0.1997	0.1990	Ave		0.195 4			0.1000	3.0		20.0			
t-Amyl methyl ether	0.4308	0.4647	0.4319 0.4610	0.4312 0.4626	0.4483	Ave		0.447 2				3.5		20.0			
n-Heptane	0.2290	0.2604	0.1941 0.2479	0.2337 0.2622	0.2564	Ave		0.240 5				10.1		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.: 410-254861-1 Analy Batch No.: 734923
Environment Testing, LLC

SDG No.: _____

Instrument ID: 16334 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
n-Butanol	0.2598	0.2616	0.2518 0.2858	0.2552 0.2917	0.2719	Ave		0.268 3				5.8		20.0			
Trichloroethene	0.1419 0.2374	0.2380 0.2527	0.2333 0.2505	0.2324 0.2508	0.2467	Ave		0.231 5			0.2000	14.9		20.0			
Methylcyclohexane	0.3567	0.4057	0.2798 0.3941	0.3252 0.4091	0.3855	Ave		0.365 2			0.1000	13.1		20.0			
1,2-Dichloropropane	0.1907	0.2057	0.2015 0.2044	0.1951 0.2048	0.2004	Ave		0.200 4			0.1000	2.8		20.0			
Methyl methacrylate	8.8567	10.458	10.805 10.422	10.921 10.833	10.665	Ave		10.42 3				6.9		20.0			
1,4-Dioxane	0.0774	0.0840	++++ 0.0784	0.0657 0.0730	0.0721	Ave		0.075 1			0.0050	8.4		20.0			
Dibromomethane	0.0910	0.0978	0.0847 0.0973	0.0907 0.0969	0.0970	Ave		0.093 6				5.3		20.0			
Bromodichloromethane	0.2421	0.2689	0.2424 0.2708	0.2414 0.2737	0.2527	Ave		0.256 0			0.2000	5.7		20.0			
2-Nitropropane	2.1923	2.6140	2.6271 2.6599	2.6394 2.9103	2.6908	Ave		2.619 1				8.2		20.0			
1-Bromo-2-chloroethane	0.1586	0.1788	0.1744 0.1795	0.1609 0.1790	0.1637	Ave		0.170 7				5.4		20.0			
cis-1,3-Dichloropropene	0.2828	0.3175	0.2780 0.3182	0.2754 0.3244	0.2898	Ave		0.298 0			0.2000	7.1		20.0			
4-Methyl-2-pentanone (MIBK)	9.9538	11.312	11.820 11.302	11.021 12.116	11.790	Ave		11.33 1			0.1000	6.3		20.0			
Toluene	0.7257	0.7868	0.7838 0.7729	0.7650 0.7682	0.7791	Ave		0.768 8			0.4000	2.7		20.0			
trans-1,3-Dichloropropene	0.2902	0.3225	0.2919 0.3291	0.2729 0.3354	0.2990	Ave		0.305 9			0.1000	7.6		20.0			
Ethyl methacrylate	0.2050	0.2255	0.2135 0.2271	0.1992 0.2323	0.2123	Ave		0.216 4				5.7		20.0			
1,1,2-Trichloroethane	0.1711	0.1852	0.1781 0.1816	0.1740 0.1820	0.1880	Ave		0.180 0			0.1000	3.4		20.0			
Tetrachloroethene	0.3945 0.3589	0.3954 0.3920	0.3681 0.3852	0.3662 0.3867	0.3813	Ave		0.380 9			0.2000	3.5		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.: 410-254861-1 Analy Batch No.: 734923
 Environment Testing, LLC

SDG No.: _____

Instrument ID: 16334 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,3-Dichloropropane	0.2825	0.3031	0.2805 0.2978	0.2930 0.2969	0.2970	Ave		0.293 n				2.9		20.0			
2-Hexanone	6.7584	7.8651	7.9288 7.7840	7.8953 8.1862	8.0983	Ave		7.788 n			0.1000	6.1		20.0			
Dibromochloromethane	0.2234	0.2496	0.2262 0.2498	0.2193 0.2572	0.2340	Ave		0.237 1				6.3		20.0			
1,2-Dibromoethane (EDB)	0.1635	0.1789	0.1640 0.1780	0.1690 0.1799	0.1734	Ave		0.172 4			0.1000	4.0		20.0			
1-Chlorohexane	0.3919	0.4274	0.4805 0.4214	0.4143 0.4321	0.4298	Ave		0.428 2				6.3		20.0			
Chlorobenzene	0.8310	0.9016	0.8726 0.8917	0.8533 0.8901	0.8886	Ave		0.875 6			0.5000	2.9		20.0			
1,1,1,2-Tetrachloroethane	0.2777	0.3089	0.2890 0.3090	0.2745 0.3137	0.2911	Ave		0.294 8				5.4		20.0			
Ethylbenzene	1.4080	1.5270	1.4585 1.4966	1.4706 1.4885	1.5187	Ave		1.481 1			0.1000	2.7		20.0			
m&p-Xylene	0.5593	0.6101	0.5906 0.6009	0.5677 0.5993	0.6001	Ave		0.589 7			0.1000	3.2		20.0			
o-Xylene	0.5492	0.6038	0.5902 0.5907	0.5654 0.5965	0.5830	Ave		0.582 7			0.3000	3.3		20.0			
Styrene	0.8940	0.9933	0.9017 0.9790	0.9137 0.9803	0.9451	Ave		0.943 9			0.3000	4.4		20.0			
Bromoform	0.1204	0.1366	0.1219 0.1385	0.1259 0.1448	0.1264	Ave		0.130 6			0.1000	7.1		20.0			
Isopropylbenzene	1.4366	1.5736	1.4931 1.5432	1.4671 1.5382	1.5468	Ave		1.514 1			0.1000	3.3		20.0			
1,1,2,2-Tetrachloroethane	0.3394	0.3686	0.3277 0.3762	0.3323 0.3842	0.3467	Ave		0.353 6			0.3000	6.4		20.0			
Bromobenzene	0.6490	0.7137	0.6648 0.7062	0.6566 0.7212	0.6890	Ave		0.685 8				4.3		20.0			
trans-1,4-Dichloro-2-butene	4.1366	4.8016	4.8170 4.8283	4.7481 5.0636	4.9485	Ave		4.763 4				6.2		20.0			
1,2,3-Trichloropropane	0.0990	0.1057	0.1050 0.1051	0.0989 0.1056	0.1067	Ave		0.103 7				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.: 410-254861-1 Analy Batch No.: 734923
 Environment Testing, LLC

SDG No.: _____

Instrument ID: 16334 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
N-Propylbenzene	3.0373	3.3609	3.1650 3.2715	3.1349 3.3062	3.2347	Ave		3.215 8				3.4		20.0			
2-Chlorotoluene	0.6565	0.7146	0.6844 0.7076	0.6800 0.7190	0.6828	Ave		0.692 1				3.2		20.0			
1,3,5-Trimethylbenzene	2.2271	2.4626	2.3342 2.4466	2.2742 2.4850	2.3766	Ave		2.372 3				4.2		20.0			
4-Chlorotoluene	0.6811	0.7429	0.7440 0.7267	0.6986 0.7401	0.7191	Ave		0.721 8				3.3		20.0			
tert-Butylbenzene	0.4908	0.5642	0.5646 0.5532	0.4943 0.5706	0.5231	Ave		0.537 3				6.4		20.0			
Pentachloroethane	0.3534	0.4171	0.3716 0.4226	0.3598 0.4366	0.3895	Ave		0.393 0				8.4		20.0			
1,2,4-Trimethylbenzene	2.3425	2.5705	2.4629 2.5350	2.3704 2.5700	2.5036	Ave		2.479 3				3.7		20.0			
sec-Butylbenzene	2.8355	3.1765	2.8531 3.1264	2.9381 3.2057	3.0603	Ave		3.027 9				5.0		20.0			
1,3-Dichlorobenzene	1.3510	1.4564	1.4256 1.4364	1.3913 1.4788	1.4427	Ave		1.426 0			0.6000	3.0		20.0			
p-Isopropyltoluene	2.5566	2.8667	2.5374 2.7883	2.5859 2.8462	2.7809	Ave		2.708 8				5.3		20.0			
1,4-Dichlorobenzene	1.3029	1.4363	1.3937 1.3992	1.3846 1.4347	1.4238	Ave		1.396 4			0.5000	3.3		20.0			
1,2,3-Trimethylbenzene	0.9981	1.0895	1.0749 1.0562	1.0083 1.0969	1.0716	Ave		1.056 5				3.7		20.0			
Benzyl chloride	0.1369	0.1564	0.1195 0.1632	0.1247 0.1729	0.1345	Ave		0.144 0				14.1		20.0			
n-Butylbenzene	1.2412	1.3675	1.2654 1.3250	1.2425 1.3594	1.3253	Ave		1.303 8				4.1		20.0			
1,2-Dichlorobenzene	1.1574	1.2497	1.2125 1.2340	1.1710 1.2457	1.2231	Ave		1.213 3			0.4000	3.0		20.0			
1,2-Dibromo-3-Chloropropane	2.6793	3.0803	2.9374 3.2311	3.0228 3.5762	3.1183	Ave		3.092 2			0.0500	8.9		20.0			
1,3,5-Trichlorobenzene	1.1186	1.2245	1.1681 1.2078	1.1298 1.2225	1.1702	Ave		1.177 4				3.6		20.0			

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 734923
Environment Testing, LLC

SDG No.: _____

Instrument ID: 16334 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2,4-Trichlorobenzene	0.9275	1.0045	0.9266 0.9985	0.9321 1.0090	0.9699	Ave		0.966 9			0.2000	3.9		20.0			
Hexachlorobutadiene	0.4937	0.5532	0.5276 0.5250	0.5231 0.5457	0.5318	Ave		0.528 6				3.6		20.0			
Naphthalene	1.2191	1.3572	1.1641 1.3565	1.1767 1.3911	1.2360	Ave		1.271 5				7.4		20.0			
1,2,3-Trichlorobenzene	0.7047	0.7678	0.7219 0.7548	0.6925 0.7617	0.7463	Ave		0.735 7				4.0		20.0			
Dibromofluoromethane (Surr)	0.2414 0.2423	0.2415 0.2432	0.2407 0.2430	0.2394 0.2425	0.2427	Ave		0.241 8				0.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.0445 0.0447	0.0458 0.0456	0.0453 0.0451	0.0447 0.0450	0.0454	Ave		0.045 1				1.0		20.0			
Toluene-d8 (Surr)	1.2921 1.2903	1.2936 1.2809	1.2911 1.2776	1.3001 1.2675	1.2900	Ave		1.287 0				0.8		20.0			
4-Bromofluorobenzene (Surr)	0.4663 0.4640	0.4678 0.4647	0.4643 0.4562	0.4635 0.4544	0.4653	Ave		0.462 9				1.0		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 734923
Environment Testing, LLC

SDG No.:

Instrument ID: 16334 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-734923/13	GN24X12.D
Level 2	IC 410-734923/14	GN24X13.D
Level 3	IC 410-734923/15	GN24X14.D
Level 4	IC 410-734923/16	GN24X15.D
Level 5	IC 410-734923/17	GN24X16.D
Level 6	IC 410-734923/18	GN24X17.D
Level 7	IC 410-734923/19	GN24X18.D
Level 8	ICIS 410-734923/20	GN24X19.D
Level 9	IC 410-734923/21	GN24X20.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	FB	Ave	1187 128083	3960 349914	12127 675090	29613 1694209	70542	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Chloromethane	FB	Ave	1686 114402	4266 312857	11965 583711	28460 1493119	60777	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,3-Butadiene	FB	Ave	++++ 98697	3665 259656	9879 495735	21063 1223392	49229	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Vinyl chloride	FB	Ave	1479 113903	3951 313550	11465 610173	27551 1494452	62539	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Bromomethane	FB	Ave	1019 88134	2990 239030	9536 470875	23169 1159848	48591	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Chloroethane	FB	Ave	713 64277	2234 173537	6518 338911	16316 832246	34478	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Dichlorofluoromethane	FB	Ave	++++ 164805	6653 439322	17958 859589	41793 2118800	89753	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Trichlorofluoromethane	FB	Ave	++++ 166271	5064 441408	15559 862686	38588 2127093	90580	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Ethyl ether	FB	Ave	39988	112240	4841 224581	10615 554723	20392	2.00	5.00	10.00	0.500 25.0	1.000
Freon 123a	FB	Ave	679 89825	3227 247181	9058 480141	21749 1172564	50422	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Acrolein	TBA01	Ave			30321	72337	152379			9.76	24.4	48.8
			299635	778329	1535656	3801864		97.6	244	488	1220	
1,1-Dichloroethene	FB	Ave	++++ 68967	2137 183986	6944 360888	16945 885149	35955	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Acetone	TBA01	Ave			10143	21801	42022			2.00	5.00	10.0
			79496	193205	372411	873828		20.0	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.: 410-254861-1 Analy Batch No.: 734923
Environment Testing, LLC

SDG No.:

Instrument ID: 16334 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Freon 113	FB	Ave	72022	202471	5113 394206	17437 972690	39238	2.00	5.00	0.200 10.0	0.500 25.0	1.00
Methyl iodide	FB	Ave	144572	388813	14741 767098	37500 1875835	77127	2.00	5.00	0.200 10.0	0.500 25.0	1.00
Ethyl bromide	FB	Ave	69061	191612	7340 376622	18913 913968	37628	2.00	5.00	0.200 10.00	0.500 25.0	1.000
Carbon disulfide	FB	Ave	217327	598115	22022 1179998	56518 2911468	116921	2.00	5.00	0.200 10.0	0.500 25.0	1.00
Methyl acetate	TBAd1 0	Ave	21096	54325	2853 101162	6056 258236	12927	2.00	5.00	0.200 10.0	0.500 25.0	1.00
Allyl chloride	FB	Ave	100782	269258	11454 526343	27219 1296836	53744	2.00	5.00	0.200 10.0	0.500 25.0	1.00
Methylene Chloride	FB	Ave	74226	198055	8432 387720	19644 951041	39924	2.00	5.00	0.200 10.0	0.500 25.0	1.00
t-Butyl alcohol	TBAd1 0	Ave	53263	125224	4818 244868	11596 532323	26981	40.0	100	4.00 200	10.0 500	20.0
Acrylonitrile	TBAd1 0	Ave	27236	71311	2163 142937	6105 359488	13708	5.00	12.5	0.500 25.0	1.25 62.5	2.50
Methyl tert-butyl ether	FB	Ave	152963	406290	15936 801314	39723 1982570	80294	2.00	5.00	0.200 10.0	0.500 25.0	1.00
trans-1,2-Dichloroethene	FB	Ave	83213	224901	9120 444037	20999 1083691	44491	2.00	5.00	0.200 10.0	0.500 25.0	1.00
n-Hexane	FB	Ave	93941	263849	7463 506183	21931 1302897	51470	2.00	5.00	0.200 10.0	0.500 25.0	1.00
1,1-Dichloroethane	FB	Ave	129401	356999	13765 695892	34069 1710345	70198	2.00	5.00	0.200 10.0	0.500 25.0	1.00
di-Isopropyl ether	FB	Ave	208830	571613	21778 1117775	54027 2727573	111586	2.00	5.00	0.200 10.0	0.500 25.0	1.00
2-Chloro-1,3-butadiene	FB	Ave	108744	298799	10762 588315	27625 1430758	59029	2.00	5.00	0.200 10.0	0.500 25.0	1.00
Ethyl t-butyl ether	FB	Ave	196176	532064	21167 1048421	49242 2572220	103995	2.00	5.00	0.200 10.0	0.500 25.0	1.00
2-Butanone (MEK)	TBAd1 0	Ave	129646	338854	13007 650556	31946 1596084	65179	20.0	50.0	2.00 100	5.00 250	10.0
cis-1,2-Dichloroethene	FB	Ave	620 90683	2932 245414	8899 482996	23389 1181872	49201	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
2,2-Dichloropropane	FB	Ave			11796	28539	60104			0.200	0.500	1.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

Analy Batch No.: 734923

SDG No.:

Instrument ID: 16334 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			113373	310664	608412	1494811		2.00	5.00	10.0	25.0	
Propionitrile	TBA01	Ave			7592	18104	38367			4.00	10.0	20.0
			79274	198460	404410	1022193		40.0	100	200	500	
Methacrylonitrile	TBA01	Ave			15599	37914	79562			2.00	5.00	10.0
			151388	405719	793339	1967064		20.0	50.0	100	250	
Bromochloromethane	FB	Ave			3907	9670	20183			0.200	0.500	1.00
			37893	101683	201894	492536		2.00	5.00	10.0	25.0	
Tetrahydrofuran	TBA01	Ave			1951	5410	10130			1.00	2.50	5.00
			20384	51779	106119	257150		10.0	25.0	50.0	125	
Chloroform	FB	Ave			15468	37042	77138			0.200	0.500	1.00
			143054	382132	749283	1834487		2.00	5.00	10.0	25.0	
1,1,1-Trichloroethane	FB	Ave			12386	33143	68561			0.200	0.500	1.00
			126504	342859	677320	1669671		2.00	5.00	10.0	25.0	
Cyclohexane	FB	Ave			9648	27973	65037			0.200	0.500	1.00
			118841	331243	643520	1592046		2.00	5.00	10.0	25.0	
Carbon tetrachloride	FB	Ave			10655	27500	59832			0.200	0.500	1.00
			112760	310743	613311	1513236		2.00	5.00	10.0	25.0	
1,1-Dichloropropene	FB	Ave			10515	27296	58221			0.200	0.500	1.00
			106228	291180	571204	1399256		2.00	5.00	10.0	25.0	
Isobutyl alcohol	FB	Ave			4719	10233	22335			10.0	25.0	50.0
			42197	108685	199804	498017		100	250	500	1250	
Benzene	FB	Ave			34318	85663	174896			0.200	0.500	1.00
			324652	871092	1706643	4172044		2.00	5.00	10.0	25.0	
1,2-Dichloroethane	FB	Ave			7862	18886	39447			0.200	0.500	1.00
			73122	194290	380124	950293		2.00	5.00	10.0	25.0	
t-Amyl methyl ether	FB	Ave			17130	43060	88852			0.200	0.500	1.00
			170067	450988	893238	2201719		2.00	5.00	10.0	25.0	
n-Heptane	FB	Ave			7696	23338	50826			0.200	0.500	1.00
			90382	252696	480404	1247732		2.00	5.00	10.0	25.0	
n-Butanol	TBA01	Ave			5851	15097	32451			17.5	43.8	87.5
			72536	170497	370407	881275		175	438	875	2188	
Trichloroethene	FB	Ave			562	2833	48895			0.0200	0.0600	1.00
			93716	245282	485303	1193698		2.00	5.00	10.0	25.0	
Methylcyclohexane	FB	Ave			11096	32477	76405			0.200	0.500	1.00
			140794	393755	763630	1946904		2.00	5.00	10.0	25.0	
1,2-Dichloropropane	FB	Ave			7993	19483	39710			0.200	0.500	1.00
			75297	199645	396000	974618		2.00	5.00	10.0	25.0	

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

Analy Batch No.: 734923

SDG No.:

Instrument ID: 16334 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Methyl methacrylate	TBA01	Ave			2869	7385	14549			0.200	0.500	1.00
			28263	77897	154347	374008		2.00	5.00	10.0	25.0	
1,4-Dioxane	TBA01	Ave			+++++	2221	4917			+++++	25.0	50.0
			12342	31271	58030	125954		100	250	500	1250	
Dibromomethane	FB	Ave			3359	9060	19230			0.200	0.500	1.00
			35904	94878	188524	461026		2.00	5.00	10.0	25.0	
Bromodichloromethane	FB	Ave			9614	24110	50080			0.200	0.500	1.00
			95588	260976	524685	1302688		2.00	5.00	10.0	25.0	
2-Nitropropane	TBA01	Ave			3488	8924	18354			1.00	2.50	5.00
			34979	97352	196955	502381		10.0	25.0	50.0	125	
1-Bromo-2-chloroethane	FB	Ave			6918	16068	32438			0.200	0.500	1.00
			62594	173504	347750	852099		2.00	5.00	10.0	25.0	
cis-1,3-Dichloropropene	FB	Ave			11024	27505	57429			0.200	0.500	1.00
			111635	308147	616483	1544068		2.00	5.00	10.0	25.0	
4-Methyl-2-pentanone (MIBK)	TBA01	Ave			31387	74521	160841			2.00	5.00	10.0
			317642	842610	1673706	4183068		20.0	50.0	100	250	
Toluene	CBZd5	Ave			23562	57794	117287			0.200	0.500	1.00
			218178	585427	1151662	2824179		2.00	5.00	10.0	25.0	
trans-1,3-Dichloropropene	CBZd5	Ave			8775	20617	45010			0.200	0.500	1.00
			87255	239954	490387	1233116		2.00	5.00	10.0	25.0	
Ethyl methacrylate	CBZd5	Ave			6419	15049	31957			0.200	0.500	1.00
			61629	167789	338309	853933		2.00	5.00	10.0	25.0	
1,1,2-Trichloroethane	CBZd5	Ave			5353	13141	28305			0.200	0.500	1.00
			51429	137792	270568	669239		2.00	5.00	10.0	25.0	
Tetrachloroethene	CBZd5	Ave			1181	3579	57398	0.0200	0.0600	0.200	0.500	1.00
			107893	291687	573924	1421661		2.00	5.00	10.0	25.0	
1,3-Dichloropropane	CBZd5	Ave			8431	22137	44704			0.200	0.500	1.00
			84920	225573	443708	1091440		2.00	5.00	10.0	25.0	
2-Hexanone	TBA01	Ave			21054	53388	110478			2.00	5.00	10.0
			215672	585833	1152752	2826252		20.0	50.0	100	250	
Dibromochloromethane	CBZd5	Ave			6800	16569	35221			0.200	0.500	1.00
			67175	185712	372180	945626		2.00	5.00	10.0	25.0	
1,2-Dibromoethane (EDB)	CBZd5	Ave			4931	12766	26110			0.200	0.500	1.00
			49163	133133	265277	661281		2.00	5.00	10.0	25.0	
1-Chlorohexane	CBZd5	Ave			14444	31301	64694			0.200	0.500	1.00
			117816	318017	627955	1588330		2.00	5.00	10.0	25.0	

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

Analy Batch No.: 734923

SDG No.:

Instrument ID: 16334 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chlorobenzene	CBZd5	Ave			26231	64459	133772			0.200	0.500	1.00
			249834	670881	1328630	3272169		2.00	5.00	10.0	25.0	
1,1,1,2-Tetrachloroethane	CBZd5	Ave			8686	20740	43817			0.200	0.500	1.00
			83480	229869	460376	1153115		2.00	5.00	10.0	25.0	
Ethylbenzene	CBZd5	Ave			43844	111093	228614			0.200	0.500	1.00
			423314	1136254	2230000	5471912		2.00	5.00	10.0	25.0	
m&p-Xylene	CBZd5	Ave			35509	85773	180683			0.400	1.00	2.00
			336302	907923	1790551	4406480		4.00	10.0	20.0	50.0	
o-Xylene	CBZd5	Ave			17743	42716	87759			0.200	0.500	1.00
			165127	449317	880091	2192891		2.00	5.00	10.0	25.0	
Styrene	CBZd5	Ave			27106	69025	142278			0.200	0.500	1.00
			268791	739112	1458690	3603584		2.00	5.00	10.0	25.0	
Bromoform	CBZd5	Ave			3665	9508	19034			0.200	0.500	1.00
			36195	101621	206330	532398		2.00	5.00	10.0	25.0	
Isopropylbenzene	CBZd5	Ave			44883	110828	232845			0.200	0.500	1.00
			431910	1170935	2299446	5654775		2.00	5.00	10.0	25.0	
1,1,2,2-Tetrachloroethane	DCBd4	Ave			5476	13905	28819			0.200	0.500	1.00
			55817	148297	300179	745545		2.00	5.00	10.0	25.0	
Bromobenzene	DCBd4	Ave			11110	27471	57276			0.200	0.500	1.00
			106740	287159	563524	1399528		2.00	5.00	10.0	25.0	
trans-1,4-Dichloro-2-butene	TBA d10	Ave			12791	32107	67508			2.00	5.00	10.0
			132005	357653	715036	1748180		20.0	50.0	100	250	
1,2,3-Trichloropropane	DCBd4	Ave			1754	4140	8870			0.200	0.500	1.00
			16278	42542	83894	204873		2.00	5.00	10.0	25.0	
N-Propylbenzene	DCBd4	Ave			52894	131168	268913			0.200	0.500	1.00
			499567	1352172	2610471	6415808		2.00	5.00	10.0	25.0	
2-Chlorotoluene	DCBd4	Ave			11437	28454	56765			0.200	0.500	1.00
			107986	287508	564643	1395174		2.00	5.00	10.0	25.0	
1,3,5-Trimethylbenzene	DCBd4	Ave			39010	95155	197576			0.200	0.500	1.00
			366307	990766	1952253	4822240		2.00	5.00	10.0	25.0	
4-Chlorotoluene	DCBd4	Ave			12434	29229	59779			0.200	0.500	1.00
			112021	298871	579902	1436256		2.00	5.00	10.0	25.0	
tert-Butylbenzene	DCBd4	Ave			9436	20684	43488			0.200	0.500	1.00
			80733	227000	441415	1107220		2.00	5.00	10.0	25.0	
Pentachloroethane	DCBd4	Ave			6210	15055	32379			0.200	0.500	1.00
			58126	167830	337244	847321		2.00	5.00	10.0	25.0	
1,2,4-Trimethylbenzene	DCBd4	Ave			41161	99180	208131			0.200	0.500	1.00
			385299	1034176	2022769	4987132		2.00	5.00	10.0	25.0	
sec-Butylbenzene	DCBd4	Ave			47682	122934	254416			0.200	0.500	1.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 734923
Environment Testing, LLC

SDG No.:

Instrument ID: 16334 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			466373	1277998	2494684	6220773		2.00	5.00	10.0	25.0	
1,3-Dichlorobenzene	DCBd4	Ave			23825	58214	119936			0.200	0.500	1.00
			222219	585952	1146145	2869725		2.00	5.00	10.0	25.0	
p-Isopropyltoluene	DCBd4	Ave			42405	108199	231184			0.200	0.500	1.00
			420509	1153330	2224904	5523157		2.00	5.00	10.0	25.0	
1,4-Dichlorobenzene	DCBd4	Ave			23292	57934	118363			0.200	0.500	1.00
			214301	577841	1116483	2784092		2.00	5.00	10.0	25.0	
1,2,3-Trimethylbenzene	DCBd4	Ave			17963	42189	89089			0.200	0.500	1.00
			164163	438337	842760	2128686		2.00	5.00	10.0	25.0	
Benzyl chloride	DCBd4	Ave			1997	5219	11183			0.200	0.500	1.00
			22516	62925	130236	335524		2.00	5.00	10.0	25.0	
n-Butylbenzene	DCBd4	Ave			21148	51989	110174			0.200	0.500	1.00
			204149	550172	1057304	2637901		2.00	5.00	10.0	25.0	
1,2-Dichlorobenzene	DCBd4	Ave			20263	48996	101680			0.200	0.500	1.00
			190366	502767	984660	2417330		2.00	5.00	10.0	25.0	
1,2-Dibromo-3-Chloropropane	TBA d10	Ave			780	2044	4254			0.200	0.500	1.00
			8550	22944	47850	123467		2.00	5.00	10.0	25.0	
1,3,5-Trichlorobenzene	DCBd4	Ave			19522	47272	97285			0.200	0.500	1.00
			183983	492663	963720	2372339		2.00	5.00	10.0	25.0	
1,2,4-Trichlorobenzene	DCBd4	Ave			15486	38999	80634			0.200	0.500	1.00
			152559	404155	796716	1958069		2.00	5.00	10.0	25.0	
Hexachlorobutadiene	DCBd4	Ave			8817	21889	44212			0.200	0.500	1.00
			81197	222568	418916	1058969		2.00	5.00	10.0	25.0	
Naphthalene	DCBd4	Ave			19455	49233	102754			0.200	0.500	1.00
			200517	546027	1082374	2699442		2.00	5.00	10.0	25.0	
1,2,3-Trichlorobenzene	DCBd4	Ave			12065	28977	62039			0.200	0.500	1.00
			115902	308891	602326	1478125		2.00	5.00	10.0	25.0	
Dibromofluoromethane (Surr)	FB	Ave			477876	478959	477184	481050	10.00	10.00	10.00	10.00
			478185	471996	470865	461673		10.00	10.00	10.00	10.00	
1,2-Dichloroethane-d4 (Surr)	FB	Ave			88117	90883	89847	89974	10.00	10.00	10.00	10.00
			88213	88497	87475	85634		10.00	10.00	10.00	10.00	
Toluene-d8 (Surr)	CBZd5	Ave			1934184	1951742	1940430	1941778	10.00	10.00	10.00	10.00
			1939591	1906238	1903615	1863687		10.00	10.00	10.00	10.00	
4-Bromofluorobenzene (Surr)	CBZd5	Ave			698061	705804	697889	700263	10.00	10.00	10.00	10.00
			697459	691518	679669	668150		10.00	10.00	10.00	10.00	

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.: 410-254861-1 Analy Batch No.: 734923
Environment Testing, LLC

SDG No.:

Instrument ID: 16334 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-734923/13	GN24X12.D
Level 2	IC 410-734923/14	GN24X13.D
Level 3	IC 410-734923/15	GN24X14.D
Level 4	IC 410-734923/16	GN24X15.D
Level 5	IC 410-734923/17	GN24X16.D
Level 6	IC 410-734923/18	GN24X17.D
Level 7	IC 410-734923/19	GN24X18.D
Level 8	ICIS 410-734923/20	GN24X19.D
Level 9	IC 410-734923/21	GN24X20.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
	LVL 7 #	LVL 8 #	LVL 9 #				LVL 7	LVL 8	LVL 9			
Dichlorodifluoromethane	-9.5	0.5	-7.7	-10.4	7.5	-2.0	50	30	30	30	30	30
	8.9	5.2	7.5				30	30	30			
Chloromethane	31.9	11.1	-6.5	-11.7	-5.0	-10.2	50	30	30	30	30	30
	-0.1	-6.7	-2.8				30	30	30			
1,3-Butadiene	+++++	20.4	-2.6	-17.6	-2.9	-2.3		50	30	30	30	30
	4.6	0.0	0.5				30	30	30			
Vinyl chloride	18.9	5.7	-7.9	-12.1	0.5	-8.1	50	30	30	30	30	30
	2.9	0.3	0.0				30	30	30			
Bromomethane	6.1	3.6	-0.8	-4.3	1.1	-7.9	50	30	30	30	30	30
	1.6	0.2	0.5				30	30	30			
Chloroethane	3.8	8.2	-5.2	-5.8	0.3	-6.1	50	30	30	30	30	30
	3.1	0.9	0.8				30	30	30			
Dichlorofluoromethane	+++++	22.8	-0.5	-8.1	-0.5	-8.3		50	30	30	30	30
	-0.6	-2.6	-2.2				30	30	30			
Trichlorofluoromethane	+++++	-0.7	-8.5	-9.9	6.6	-1.7		50	30	30	30	30
	6.1	3.9	4.3				30	30	30			
Ethyl ether			9.5	-4.7	-7.7	-9.2			50	30	30	30
	3.7	3.9	4.5				30	30	30			
Freon 123a	-27.2	15.1	-3.0	-7.5	8.0	-3.4	50	30	30	30	30	30
	8.1	5.2	4.6				30	30	30			
Acrolein			7.3	0.5	4.9	-11.8			50	30	30	30
	-1.8	-2.6	3.5				30	30	30			
1,1-Dichloroethene	+++++	-0.4	-2.9	-5.9	0.6	-3.1		50	30	30	30	30
	5.2	3.3	3.2				30	30	30			
Acetone			32.0	11.4	6.5	-13.9			50	30	30	30
	-10.4	-13.1	-12.5				30	30	30			
Freon 113			-30.6	-6.0	6.6	-1.8			50	30	30	30
	12.3	9.5	10.0				30	30	30			

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 734923
Environment Testing, LLC

SDG No.:

Instrument ID: 16334 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
Methyl iodide	4.1	2.9	-3.4 2.4	-2.4	1.1	-4.8	30	30	50 30	30	30	30
Ethyl bromide	4.5	2.8	-2.1 1.6	0.2	0.4	-7.4	30	30	50 30	30	30	30
Carbon disulfide	5.3	4.0	-5.2 4.5	-3.3	0.7	-6.0	30	30	50 30	30	30	30
Methyl acetate	-11.0	-16.7	31.0 -8.8	9.2	15.6	-19.4	30	30	50 30	30	30	30
Allyl chloride	1.7	-0.4	5.9 -0.1	-0.1	-0.6	-6.4	30	30	50 30	30	30	30
Methylene Chloride	1.8	-0.1	6.1 -0.3	-1.8	0.5	-6.2	30	30	50 30	30	30	30
t-Butyl alcohol	-2.4	-4.0	5.4 -10.5	-0.4	14.9	-3.1	30	30	50 30	30	30	30
Acrylonitrile	2.5	3.3	-12.8 11.5	-3.4	7.6	-8.6	30	30	50 30	30	30	30
Methyl tert-butyl ether	3.1	1.9	-1.0 2.6	-2.0	-0.2	-4.5	30	30	50 30	30	30	30
trans-1,2-Dichloroethene	3.7	2.6	2.9 1.9	-5.9	0.5	-5.7	30	30	50 30	30	30	30
n-Hexane	11.1	6.8	-23.1 11.9	-10.2	6.2	-2.7	30	30	50 30	30	30	30
1,1-Dichloroethane	4.8	2.3	-1.1 2.4	-2.8	0.9	-6.6	30	30	50 30	30	30	30
di-Isopropyl ether	5.1	3.0	-2.0 2.3	-3.4	0.5	-5.6	30	30	50 30	30	30	30
2-Chloro-1,3-butadiene	6.0	4.5	-6.6 3.5	-4.8	2.5	-5.2	30	30	50 30	30	30	30
Ethyl t-butyl ether	4.3	3.0	1.6 2.9	-6.2	-0.1	-5.4	30	30	50 30	30	30	30
2-Butanone (MEK)	-0.6	-4.0	7.1 1.0	3.3	4.4	-11.2	30	30	50 30	30	30	30
cis-1,2-Dichloroethene	-32.6 8.9	6.1 7.3	-3.4 6.9	0.9	6.9	-1.1	50 30	30 30	30 30	30	30	30
2,2-Dichloropropane	5.6	3.6	-1.9 3.6	-5.7	0.0	-5.3	30	30	50 30	30	30	30
Propionitrile	-2.8	-0.4	4.3 8.0	-2.3	2.6	-9.4	30	30	50 30	30	30	30
Methacrylonitrile	-1.1	-2.7	6.6 3.4	1.8	5.9	-13.9	30	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.: 410-254861-1 Analy Batch No.: 734923
Environment Testing, LLC

SDG No.: _____

Instrument ID: 16334 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
Bromochloromethane	3.9	3.4	-2.3 2.7	-3.9	1.0	-4.8	30	30	50 30	30	30	30
Tetrahydrofuran	-4.1	-1.1	1.4 2.8	10.4	2.5	-11.9	30	30	50 30	30	30	30
Chloroform	2.9	1.1	1.9 0.7	-3.1	1.7	-5.3	30	30	50 30	30	30	30
1,1,1-Trichloroethane	4.6	3.5	-7.5 3.9	-1.7	2.4	-5.1	30	30	50 30	30	30	30
Cyclohexane	10.6	7.6	-21.2 8.4	-9.2	6.3	-2.5	30	30	50 30	30	30	30
Carbon tetrachloride	7.4	6.2	-9.9 6.7	-7.6	1.3	-4.2	30	30	50 30	30	30	30
1,1-Dichloropropene	5.5	3.7	-6.7 3.4	-3.9	3.3	-5.4	30	30	50 30	30	30	30
Isobutyl alcohol	3.0	-5.1	9.5 -3.7	-5.7	3.7	-1.7	30	30	50 30	30	30	30
Benzene	3.3	1.4	-0.4 0.9	-1.3	1.5	-5.4	30	30	50 30	30	30	30
1,2-Dichloroethane	2.5	0.4	1.5 2.2	-3.2	1.9	-5.2	30	30	50 30	30	30	30
t-Amyl methyl ether	3.9	3.1	-3.4 3.4	-3.6	0.2	-3.7	30	30	50 30	30	30	30
n-Heptane	8.3	3.1	-19.3 9.0	-2.8	6.6	-4.8	30	30	50 30	30	30	30
n-Butanol	-2.5	6.6	-6.1 8.7	-4.9	1.3	-3.2	30	30	50 30	30	30	30
Trichloroethene	-38.7 9.2	2.8 8.2	0.8 8.3	0.4	6.5	2.5	50 30	30 30	30 30	30	30	30
Methylcyclohexane	11.1	7.9	-23.4 12.0	-10.9	5.6	-2.3	30	30	50 30	30	30	30
1,2-Dichloropropane	2.7	2.0	0.6 2.2	-2.6	0.0	-4.8	30	30	50 30	30	30	30
Methyl methacrylate	0.3	0.0	3.7 3.9	4.8	2.3	-15.0	30	30	50 30	30	30	30
1,4-Dioxane	11.8	4.4	++++ -2.8	-12.5	-4.0	3.0	30	30	30 30	50	30	30
Dibromomethane	4.4	3.9	-9.5 3.5	-3.1	3.6	-2.9	30	30	50 30	30	30	30
Bromodichloromethane	5.0	5.8	-5.3 6.9	-5.7	-1.3	-5.4	30	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.: 410-254861-1 Analy Batch No.: 734923
Environment Testing, LLC

SDG No.:

Instrument ID: 16334 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
2-Nitropropane	-0.2	1.6	0.3 11.1	0.8	2.7	-16.3	30	30	50 30	30	30	30
1-Bromo-2-chloroethane	4.7	5.1	2.2 4.9	-5.7	-4.1	-7.1	30	30	50 30	30	30	30
cis-1,3-Dichloropropene	6.5	6.8	-6.7 8.9	-7.6	-2.8	-5.1	30	30	50 30	30	30	30
4-Methyl-2-pentanone (MIBK)	-0.2	-0.3	4.3 6.9	-2.7	4.1	-12.2	30	30	50 30	30	30	30
Toluene	2.3	0.5	2.0 -0.1	-0.5	1.3	-5.6	30	30	50 30	30	30	30
trans-1,3-Dichloropropene	5.4	7.6	-4.6 9.7	-10.8	-2.2	-5.1	30	30	50 30	30	30	30
Ethyl methacrylate	4.2	4.9	-1.3 7.3	-7.9	-1.9	-5.3	30	30	50 30	30	30	30
1,1,2-Trichloroethane	2.9	0.9	-1.1 1.1	-3.4	4.5	-5.0	30	30	50 30	30	30	30
Tetrachloroethene	3.6 2.9	3.8 1.1	-3.4 1.5	-3.9	0.1	-5.8	50 30	30 30	30 30	30	30	30
1,3-Dichloropropane	3.5	1.6	-4.3 1.3	0.0	1.4	-3.6	30	30	50 30	30	30	30
2-Hexanone	1.0	-0.1	1.8 5.1	1.4	4.0	-13.2	30	30	50 30	30	30	30
Dibromochloromethane	5.3	5.4	-4.6 8.5	-7.5	-1.3	-5.8	30	30	50 30	30	30	30
1,2-Dibromoethane (EDB)	3.8	3.3	-4.9 4.3	-2.0	0.6	-5.2	30	30	50 30	30	30	30
1-Chlorohexane	-0.2	-1.6	12.2 0.9	-3.2	0.4	-8.5	30	30	50 30	30	30	30
Chlorobenzene	3.0	1.8	-0.3 1.7	-2.5	1.5	-5.1	30	30	50 30	30	30	30
1,1,1,2-Tetrachloroethane	4.8	4.8	-2.0 6.4	-6.9	-1.3	-5.8	30	30	50 30	30	30	30
Ethylbenzene	3.1	1.0	-1.5 0.5	-0.7	2.5	-4.9	30	30	50 30	30	30	30
m&p-Xylene	3.5	1.9	0.2 1.6	-3.7	1.8	-5.2	30	30	50 30	30	30	30
o-Xylene	3.6	1.4	1.3 2.4	-3.0	0.0	-5.7	30	30	50 30	30	30	30
Styrene	5.2	3.7	-4.5 3.9	-3.2	0.1	-5.3	30	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.: 410-254861-1 Analy Batch No.: 734923
Environment Testing, LLC

SDG No.:

Instrument ID: 16334 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
Bromoform	4.5	6.0	-6.7 10.9	-3.7	-3.2	-7.8	30	30	50 30	30	30	30
Isopropylbenzene	3.9	1.9	-1.4 1.6	-3.1	2.2	-5.1	30	30	50 30	30	30	30
1,1,2,2-Tetrachloroethane	4.3	6.4	-7.3 8.7	-6.0	-2.0	-4.0	30	30	50 30	30	30	30
Bromobenzene	4.1	3.0	-3.1 5.2	-4.3	0.5	-5.4	30	30	50 30	30	30	30
trans-1,4-Dichloro-2-butene	0.8	1.4	1.1 6.3	-0.3	3.9	-13.2	30	30	50 30	30	30	30
1,2,3-Trichloropropane	2.0	1.4	1.2 1.8	-4.6	2.9	-4.6	30	30	50 30	30	30	30
N-Propylbenzene	4.5	1.7	-1.6 2.8	-2.5	0.6	-5.6	30	30	50 30	30	30	30
2-Chlorotoluene	3.2	2.2	-1.1 3.9	-1.7	-1.3	-5.1	30	30	50 30	30	30	30
1,3,5-Trimethylbenzene	3.8	3.1	-1.6 4.7	-4.1	0.2	-6.1	30	30	50 30	30	30	30
4-Chlorotoluene	2.9	0.7	3.1 2.5	-3.2	-0.4	-5.6	30	30	50 30	30	30	30
tert-Butylbenzene	5.0	3.0	5.1 6.2	-8.0	-2.6	-8.6	30	30	50 30	30	30	30
Pentachloroethane	6.2	7.6	-5.4 11.1	-8.4	-0.9	-10.1	30	30	50 30	30	30	30
1,2,4-Trimethylbenzene	3.7	2.2	-0.7 3.7	-4.4	1.0	-5.5	30	30	50 30	30	30	30
sec-Butylbenzene	4.9	3.3	-5.8 5.9	-3.0	1.1	-6.4	30	30	50 30	30	30	30
1,3-Dichlorobenzene	2.1	0.7	0.0 3.7	-2.4	1.2	-5.3	30	30	50 30	30	30	30
p-Isopropyltoluene	5.8	2.9	-6.3 5.1	-4.5	2.7	-5.6	30	30	50 30	30	30	30
1,4-Dichlorobenzene	2.9	0.2	-0.2 2.7	-0.8	2.0	-6.7	30	30	50 30	30	30	30
1,2,3-Trimethylbenzene	3.1	0.0	1.7 3.8	-4.6	1.4	-5.5	30	30	50 30	30	30	30
Benzyl chloride	8.6	13.3	-17.0 20.1	-13.4	-6.6	-5.0	30	30	50 30	30	30	30
n-Butylbenzene	4.9	1.6	-2.9 4.3	-4.7	1.6	-4.8	30	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.: 410-254861-1 Analy Batch No.: 734923
Environment Testing, LLC

SDG No.: _____

Instrument ID: 16334 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/25/2025 01:24 Calibration End Date: 11/25/2025 04:21 Calibration ID: 79047

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
	LVL 7 #	LVL 8 #	LVL 9 #				LVL 7	LVL 8	LVL 9			
1,2-Dichlorobenzene	3.0	1.7	-0.1 2.7	-3.5	0.8	-4.6	30	30	50 30	30	30	30
1,2-Dibromo-3-Chloropropane	-0.4	4.5	-5.0 15.7	-2.2	0.8	-13.4	30	30	50 30	30	30	30
1,3,5-Trichlorobenzene	4.0	2.6	-0.8 3.8	-4.0	-0.6	-5.0	30	30	50 30	30	30	30
1,2,4-Trichlorobenzene	3.9	3.3	-4.2 4.4	-3.6	0.3	-4.1	30	30	50 30	30	30	30
Hexachlorobutadiene	4.7	-0.7	-0.2 3.2	-1.0	0.6	-6.6	30	30	50 30	30	30	30
Naphthalene	6.7	6.7	-8.4 9.4	-7.5	-2.8	-4.1	30	30	50 30	30	30	30
1,2,3-Trichlorobenzene	4.4	2.6	-1.9 3.5	-5.9	1.4	-4.2	30	30	50 30	30	30	30
Dibromofluoromethane (Surr)	-0.2 0.6	-0.2 0.5	-0.5 0.3	-1.0	0.4	0.2	50 30	30 30	30 30	30	30	30
1,2-Dichloroethane-d4 (Surr)	-1.4 1.0	1.5 0.0	0.4 -0.3	-0.9	0.6	-1.0	50 30	30 30	30 30	30	30	30
Toluene-d8 (Surr)	0.4 -0.5	0.5 -0.7	0.3 -1.5	1.0	0.2	0.3	50 30	30 30	30 30	30	30	30
4-Bromofluorobenzene (Surr)	0.7 0.4	1.1 -1.5	0.3 -1.8	0.1	0.5	0.2	50 30	30 30	30 30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X12.D
 Lims ID: IC std1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 25-Nov-2025 01:24:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0167907-013
 Misc. Info.: IC STD1
 Operator ID: gaw91131 Instrument ID: 16334
 Sublist: chrom-MSV_16334_25mL*sub4
 Method: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 25-Nov-2025 15:44:21 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1704

First Level Reviewer: N7YK

Date: 25-Nov-2025 15:04:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.940	1.922	0.018	85	1187	0.0200	0.0181	Ma
5 Chloromethane	50	2.136	2.123	0.013	88	1686	0.0200	0.0264	
7 Butadiene	39	2.239	2.239	0.000	70	5382	0.0200	0.1062	M
6 Vinyl chloride	62	2.245	2.245	0.000	95	1479	0.0200	0.0238	
9 Bromomethane	94	2.562	2.562	0.000	34	1019	0.0200	0.0212	
10 Chloroethane	64	2.648	2.654	-0.006	1	713	0.0200	0.0208	
11 Dichlorofluoromethane	67	2.885	2.891	-0.006	85	2861	0.0200	0.0317	
12 Trichlorofluoromethane	101		2.977				ND	ND	U
16 1,2-Dichloro-1,1,2-trifluoroetha	67	3.300	3.300	0.000	1	679	0.0200	0.0146	
18 1,1-Dichloroethene	96	3.526	3.513	0.013	1	240	0.0200	0.006723	
* 30 t-Butyl alcohol-d10 (IS)	65	4.214	4.196	0.018	22	60781	50.0	50.0	
44 cis-1,2-Dichloroethene	96	6.116	6.110	0.006	1	620	0.0200	0.0135	M
S 43 1,2-Dichloroethene, Total	100				0			0.0135	
\$ 52 Dibromofluoromethane (Surr)	113	6.811	6.811	0.000	94	477876	10.0	9.98	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.263	0.000	64	88117	10.0	9.86	
* 64 Fluorobenzene (IS)	96	7.702	7.701	0.001	99	1980012	10.0	10.0	
68 Trichloroethene	95	8.183	8.177	0.006	13	562	0.0200	0.0123	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.719	0.000	93	1934184	10.0	10.0	
108 Tetrachloroethene	166	10.341	10.341	0.000	82	1181	0.0200	0.0207	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.176	-0.006	83	1496927	10.0	10.0	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	94	698061	10.0	10.1	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	840350	10.0	10.0	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

Reagents:

MSV_CCv_SIM_00094

Amount Added: 1.00

Units: uL

MSV_29_826ISS_00063

Amount Added: 1.20

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X12.D

Injection Date: 25-Nov-2025 01:24:30

Instrument ID: 16334

Operator ID: gaw91131

Lims ID: IC std1

Worklist Smp#: 13

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

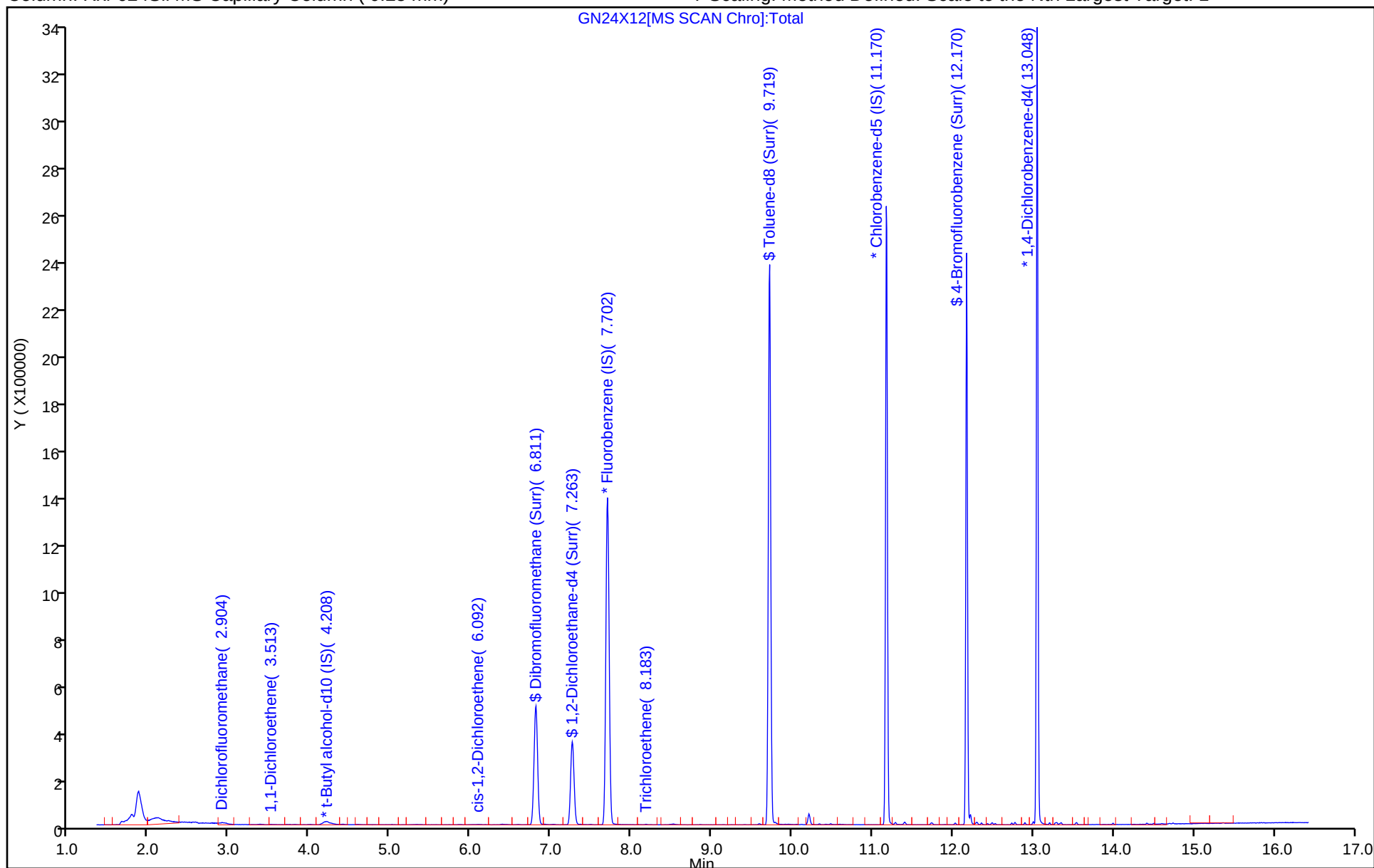
ALS Bottle#: 12

Method: MSV_16334_25mL

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

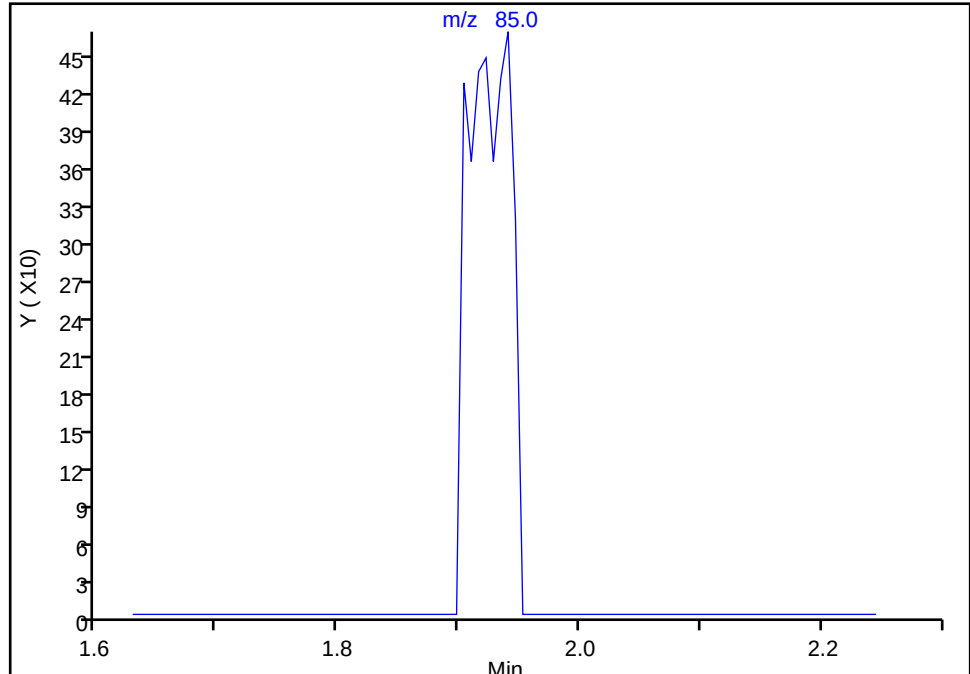
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Injection Date: 25-Nov-2025 01:24:30 Instrument ID: 16334
Lims ID: IC std1
Client ID:
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

2 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

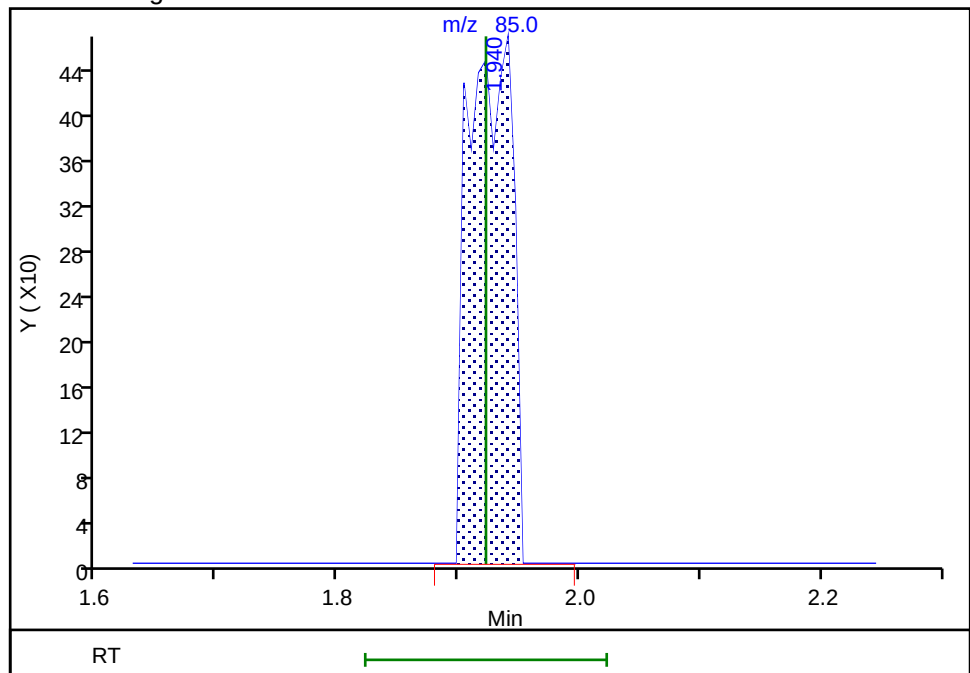
Not Detected
Expected RT: 1.92

Processing Integration Results



RT: 1.94
Area: 1187
Amount: 0.018104
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:27:57 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

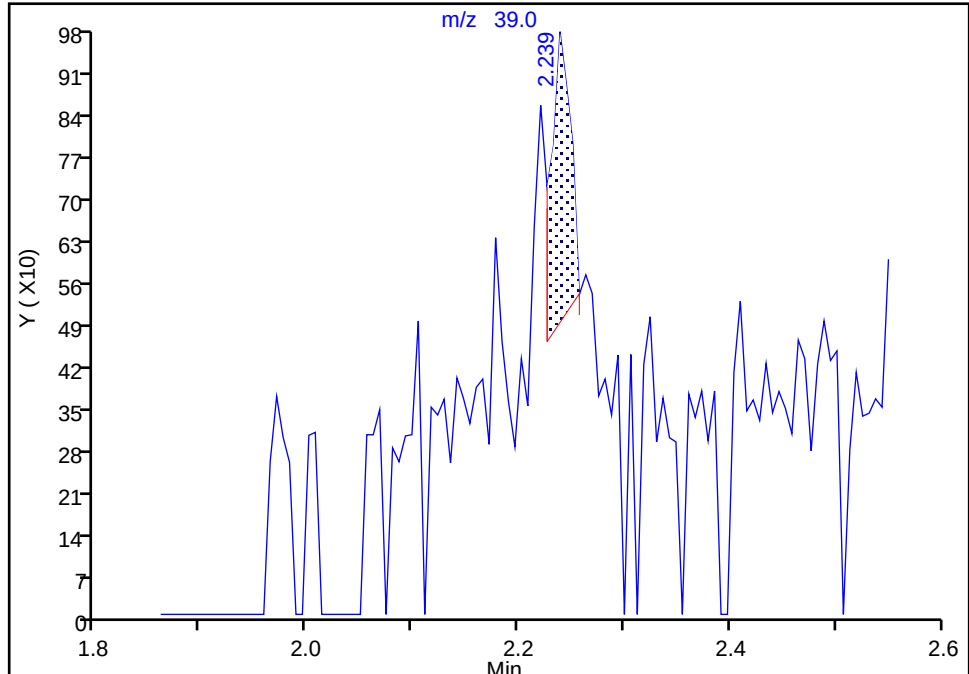
Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X12.D
Injection Date: 25-Nov-2025 01:24:30 Instrument ID: 16334
Lims ID: IC std1
Client ID:
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

7 Butadiene, CAS: 106-99-0

Signal: 1

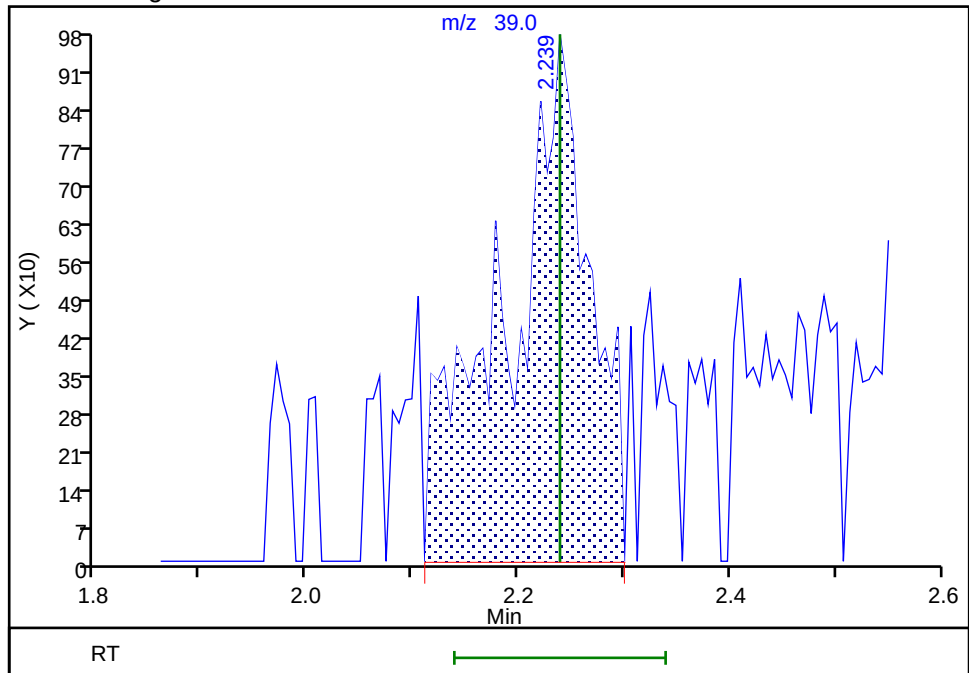
RT: 2.24
Area: 624
Amount: 0.012686
Amount Units: ug/l

Processing Integration Results



RT: 2.24
Area: 5382
Amount: 0.106236
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:02:51 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

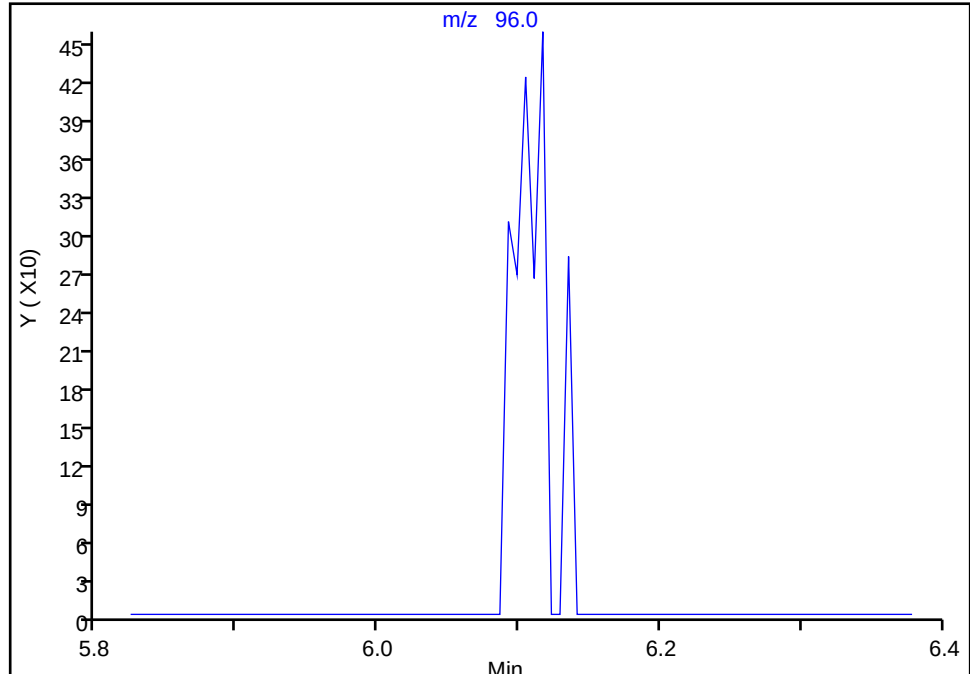
Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X12.D
Injection Date: 25-Nov-2025 01:24:30 Instrument ID: 16334
Lims ID: IC std1
Client ID:
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

44 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

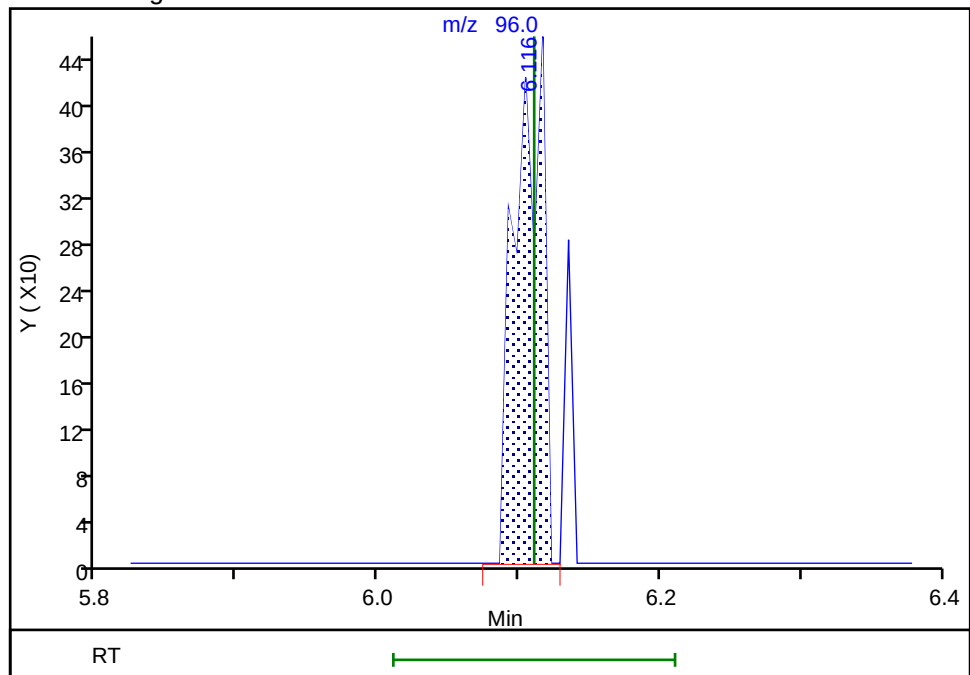
Not Detected
Expected RT: 6.11

Processing Integration Results



RT: 6.12
Area: 620
Amount: 0.013484
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:28:02 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X12.D

Injection Date: 25-Nov-2025 01:24:30

Instrument ID: 16334

Lims ID: IC std1

Client ID:

Operator ID: gaw91131

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV_16334_25mL

Limit Group:

MSV - 8260C_D

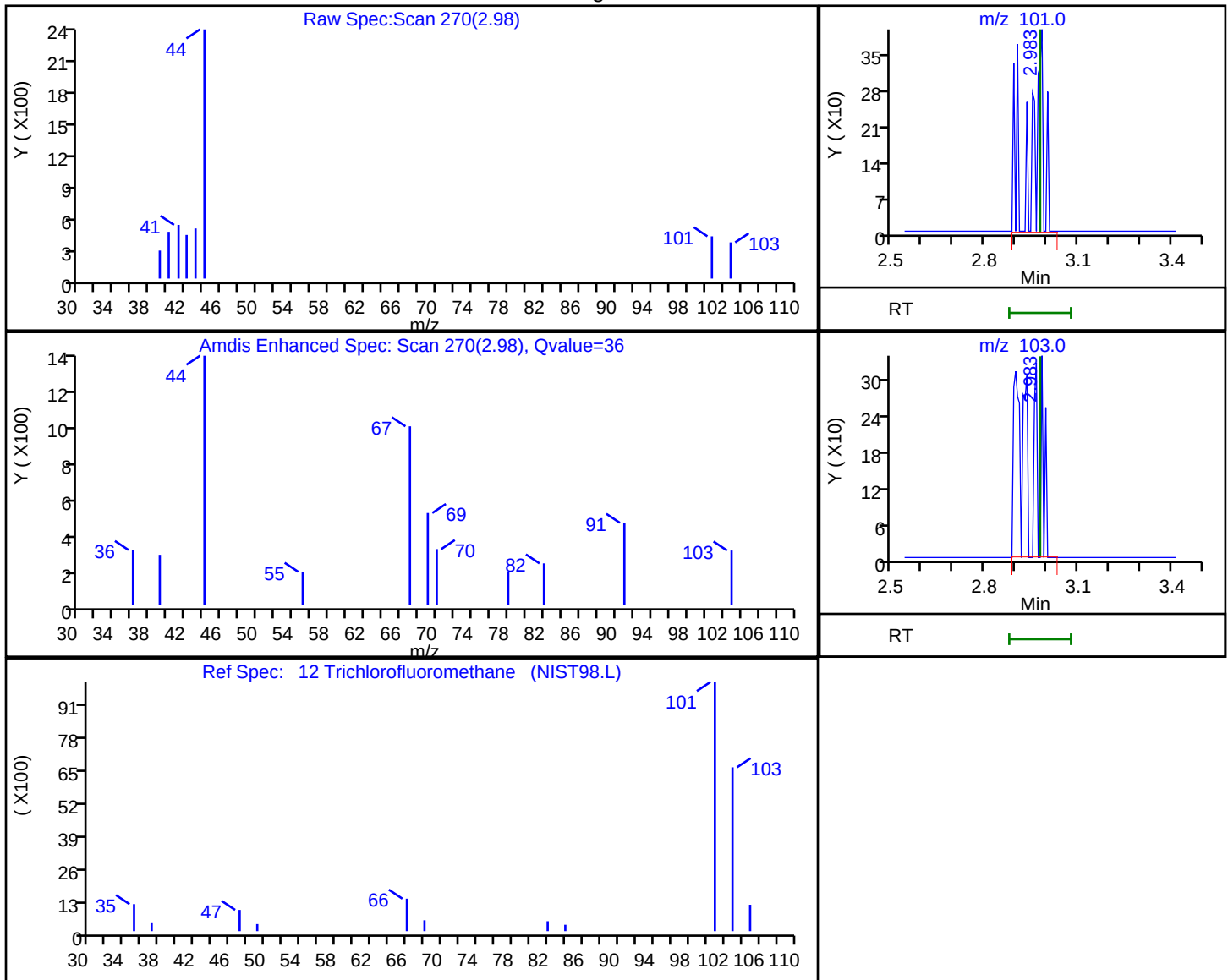
Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

Detector

MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.98	101.00	1007	0.012425
2.98	103.00	1144	

Reviewer: N7YK, 25-Nov-2025 15:03:34 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X13.D
 Lims ID: IC std2
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 25-Nov-2025 01:46:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0167907-014
 Misc. Info.: IC STD2
 Operator ID: gaw91131 Instrument ID: 16334
 Sublist: chrom-MSV_16334_25mL*sub4
 Method: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 25-Nov-2025 15:44:26 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1704

First Level Reviewer: N7YK

Date: 25-Nov-2025 15:04:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.922	1.922	0.000	93	3960	0.0600	0.0603	
5 Chloromethane	50	2.123	2.123	0.000	93	4266	0.0600	0.0666	
7 Butadiene	39	2.245	2.239	0.006	79	3665	0.0600	0.0722	
6 Vinyl chloride	62	2.245	2.245	0.000	95	3951	0.0600	0.0634	
9 Bromomethane	94	2.568	2.562	0.006	51	2990	0.0600	0.0622	
10 Chloroethane	64	2.660	2.654	0.006	89	2234	0.0600	0.0649	
11 Dichlorofluoromethane	67	2.892	2.891	0.001	92	6653	0.0600	0.0737	
12 Trichlorofluoromethane	101	2.977	2.977	0.000	75	5064	0.0600	0.0596	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	3.282	3.300	-0.018	1	3227	0.0600	0.0691	
18 1,1-Dichloroethene	96	3.513	3.513	0.000	92	2137	0.0600	0.0598	
* 30 t-Butyl alcohol-d10 (IS)	65	4.202	4.196	0.006	26	71349	50.0	50.0	
44 cis-1,2-Dichloroethene	96	6.117	6.110	0.006	73	2932	0.0600	0.0636	
S 43 1,2-Dichloroethene, Total	100				0			0.0636	
\$ 52 Dibromofluoromethane (Surr)	113	6.805	6.811	-0.006	94	478959	10.0	9.98	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.263	0.000	64	90883	10.0	10.2	
* 64 Fluorobenzene (IS)	96	7.702	7.701	0.001	99	1983618	10.0	10.0	
68 Trichloroethene	95	8.177	8.177	0.000	44	2833	0.0600	0.0617	M
\$ 83 Toluene-d8 (Surr)	98	9.719	9.719	0.000	92	1951742	10.0	10.1	
108 Tetrachloroethene	166	10.347	10.341	0.006	95	3579	0.0600	0.0623	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.176	-0.006	83	1508715	10.0	10.0	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	94	705804	10.0	10.1	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	845239	10.0	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_SIM_00094

Amount Added: 3.00

Units: uL

MSV_29_826ISS_00063

Amount Added: 1.20

Units: uL

Run Reagent

Report Date: 25-Nov-2025 15:44:26

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X13.D

Injection Date: 25-Nov-2025 01:46:30

Instrument ID: 16334

Operator ID: gaw91131

Lims ID: IC std2

Worklist Smp#: 14

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

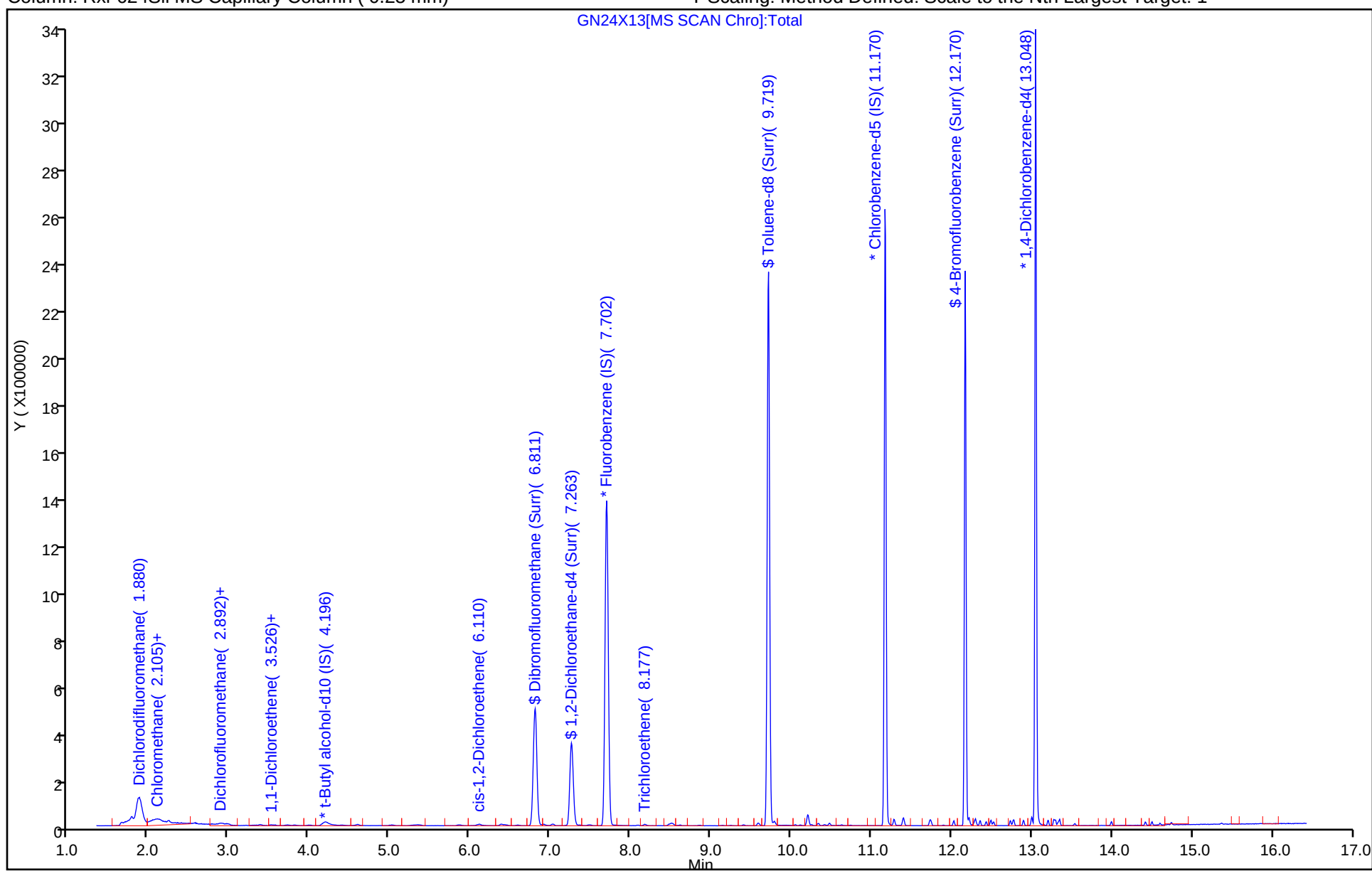
ALS Bottle#: 13

Method: MSV_16334_25mL

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

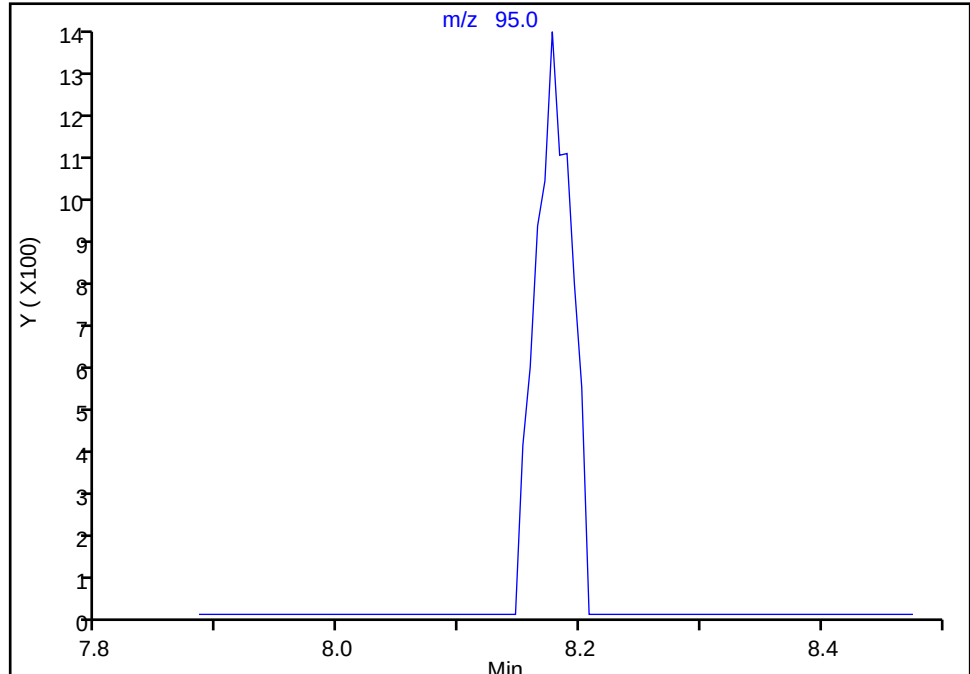
Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X13.D
Injection Date: 25-Nov-2025 01:46:30 Instrument ID: 16334
Lims ID: IC std2
Client ID:
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

68 Trichloroethene, CAS: 79-01-6

Signal: 1

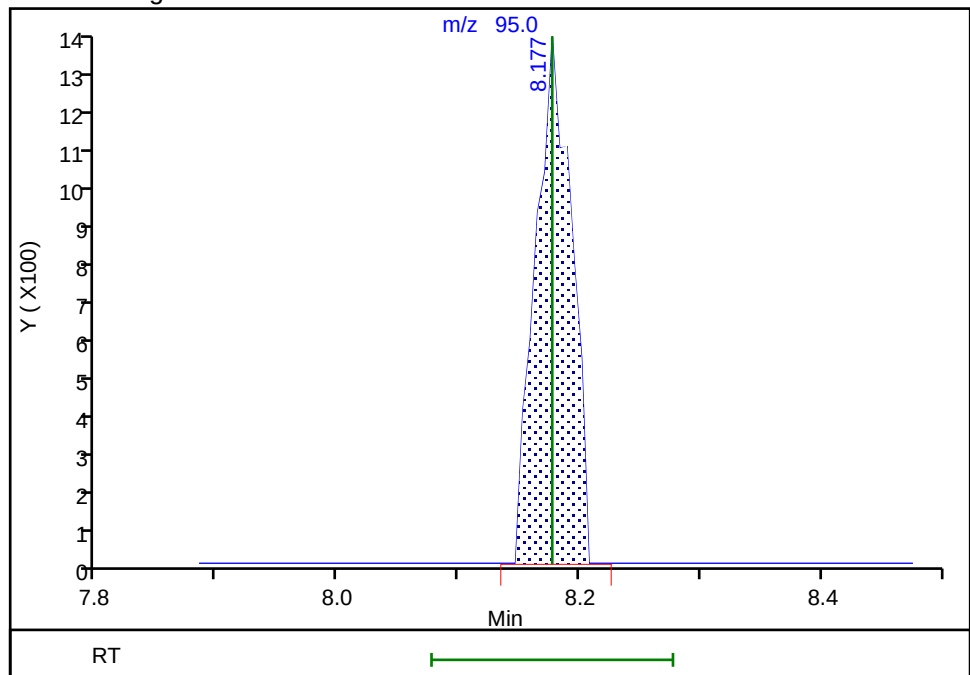
Not Detected
Expected RT: 8.18

Processing Integration Results



RT: 8.18
Area: 2833
Amount: 0.061682
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:04:26 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X14.D
 Lims ID: IC std3
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 25-Nov-2025 02:08:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0167907-015
 Misc. Info.: IC STD3
 Operator ID: gaw91131 Instrument ID: 16334
 Sublist: chrom-MSV_16334_25mL*sub4
 Method: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 25-Nov-2025 15:44:30 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1704

First Level Reviewer: N7YK

Date: 25-Nov-2025 15:07:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.916	1.922	-0.006	97	12127	0.2000	0.1847	
5 Chloromethane	50	2.123	2.123	0.000	98	11965	0.2000	0.1870	
7 Butadiene	39	2.239	2.239	0.000	91	9879	0.2000	0.1947	
6 Vinyl chloride	62	2.245	2.245	0.000	97	11465	0.2000	0.1841	
9 Bromomethane	94	2.568	2.562	0.006	93	9536	0.2000	0.1983	
10 Chloroethane	64	2.641	2.654	-0.013	97	6518	0.2000	0.1895	
11 Dichlorofluoromethane	67	2.891	2.891	0.000	95	17958	0.2000	0.1989	
12 Trichlorofluoromethane	101	2.983	2.977	0.006	76	15559	0.2000	0.1830	
15 Ethyl ether	59	3.202	3.208	-0.006	84	4841	0.2000	0.2189	M
16 1,2-Dichloro-1,1,2-trifluoroetha	67	3.306	3.300	0.006	83	9058	0.2000	0.1940	M
17 Acrolein	56	3.385	3.379	0.006	99	30321	9.76	10.5	
18 1,1-Dichloroethene	96	3.513	3.513	0.000	93	6944	0.2000	0.1942	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.550	3.556	-0.006	43	5113	0.2000	0.1388	
19 Acetone	43	3.556	3.556	0.000	69	10143	2.00	2.64	
21 Iodomethane	142	3.708	3.708	0.000	98	14741	0.2000	0.1932	
22 Isopropyl alcohol	45		3.721				ND	ND	U
23 Ethyl bromide	108	3.727	3.739	-0.012	94	7340	0.2000	0.1958	
24 Carbon disulfide	76	3.806	3.806	0.000	99	22022	0.2000	0.1897	
27 Methyl acetate	43	3.964	3.971	-0.007	19	2853	0.2000	0.2621	
28 3-Chloro-1-propene	41	3.989	3.995	-0.006	90	11454	0.2000	0.2118	
29 Methylene Chloride	84	4.184	4.184	0.000	87	8432	0.2000	0.2122	
* 30 t-Butyl alcohol-d10 (IS)	65	4.208	4.196	0.012	95	66382	50.0	50.0	
31 2-Methyl-2-propanol	59	4.330	4.336	-0.006	31	4818	4.00	4.22	
32 Acrylonitrile	53	4.531	4.537	-0.006	42	2163	0.5000	0.4360	
33 Methyl tert-butyl ether	73	4.598	4.592	0.006	92	15936	0.2000	0.1980	
34 trans-1,2-Dichloroethene	96	4.592	4.598	-0.006	95	9120	0.2000	0.2058	
35 Hexane	57	5.013	5.025	-0.012	82	7463	0.2000	0.1539	
36 1,1-Dichloroethane	63	5.275	5.269	0.006	92	13765	0.2000	0.1978	
38 Isopropyl ether	45	5.336	5.330	0.006	87	21778	0.2000	0.1961	M
39 2-Chloro-1,3-butadiene	53	5.379	5.379	0.000	89	10762	0.2000	0.1868	

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	5.866	5.867	0.000	96	21167	0.2000	0.2031	
42 2-Butanone (MEK)	43	6.080	6.080	0.000	94	13007	2.00	2.14	
44 cis-1,2-Dichloroethene	96	6.104	6.110	-0.006	79	8899	0.2000	0.1933	
45 2,2-Dichloropropane	77	6.116	6.129	-0.013	81	11796	0.2000	0.1963	
S 43 1,2-Dichloroethene, Total	100				0			0.3991	
47 Propionitrile	54	6.183	6.177	0.006	96	7592	4.00	4.17	
48 Methacrylonitrile	67	6.385	6.391	-0.006	88	15599	2.00	2.13	
49 Chlorobromomethane	128	6.446	6.440	0.006	41	3907	0.2000	0.1955	M
50 Tetrahydrofuran	71	6.446	6.452	-0.006	67	1951	1.00	1.01	
51 Chloroform	83	6.598	6.592	0.006	57	15468	0.2000	0.2039	
\$ 52 Dibromofluoromethane (Surr)	113	6.811	6.811	0.000	94	477184	10.0	9.95	
53 1,1,1-Trichloroethane	97	6.817	6.824	-0.007	58	12386	0.2000	0.1849	
54 Cyclohexane	56	6.903	6.915	-0.012	84	9648	0.2000	0.1576	
57 1,1-Dichloropropene	75	7.025	7.031	-0.006	95	10515	0.2000	0.1865	
56 Carbon tetrachloride	117	7.025	7.031	-0.006	91	10655	0.2000	0.1803	M
58 Isobutyl alcohol	41	7.208	7.202	0.006	80	4719	10.0	10.9	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.263	0.000	64	89847	10.0	10.0	
60 Benzene	78	7.299	7.293	0.006	92	34318	0.2000	0.1992	
61 1,2-Dichloroethane	62	7.366	7.366	0.000	96	7862	0.2000	0.2029	
63 Tert-amyl methyl ether	73	7.482	7.488	-0.006	96	17130	0.2000	0.1932	
* 64 Fluorobenzene (IS)	96	7.701	7.701	0.000	100	1982831	10.0	10.0	
65 n-Heptane	43	7.714	7.714	0.000	36	7696	0.2000	0.1614	
67 n-Butanol	56	8.079	8.079	0.000	90	5851	17.5	16.4	
68 Trichloroethene	95	8.171	8.177	-0.006	95	9254	0.2000	0.2016	
69 Methylcyclohexane	83	8.482	8.488	-0.006	83	11096	0.2000	0.1532	
70 1,2-Dichloropropane	63	8.512	8.512	0.000	75	7993	0.2000	0.2012	
71 2-ethoxy-2-methyl butane	87	8.524	8.525	-0.001	93	12143	0.2000	0.1916	
73 Methyl methacrylate	69	8.610	8.604	0.006	75	2869	0.2000	0.2073	
72 1,4-Dioxane	88		8.604				ND	ND	
74 Dibromomethane	93	8.622	8.622	0.000	92	3359	0.2000	0.1809	
76 Dichlorobromomethane	83	8.866	8.860	0.006	98	9614	0.2000	0.1894	
78 2-Nitropropane	41	9.152	9.146	0.006	93	3488	1.00	1.00	M
80 1-Bromo-2-chloroethane	63	9.250	9.250	0.000	95	6918	0.2000	0.2044	
81 cis-1,3-Dichloropropene	75	9.408	9.408	0.000	95	11024	0.2000	0.1866	
82 4-Methyl-2-pentanone (MIBK)	43	9.585	9.591	-0.006	95	31387	2.00	2.09	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.719	0.000	92	1940430	10.0	10.0	
84 Toluene	92	9.793	9.793	0.000	98	23562	0.2000	0.2039	
105 trans-1,3-Dichloropropene	75	10.049	10.055	-0.006	89	8775	0.2000	0.1909	
S 104 1,3-Dichloropropene, Total	100				0			0.3774	
106 Ethyl methacrylate	69	10.116	10.116	0.000	85	6419	0.2000	0.1973	
107 1,1,2-Trichloroethane	97	10.256	10.256	0.000	89	5353	0.2000	0.1979	
108 Tetrachloroethene	166	10.341	10.341	0.000	97	11064	0.2000	0.1933	
109 1,3-Dichloropropane	76	10.420	10.420	0.000	86	8431	0.2000	0.1915	
110 2-Hexanone	43	10.475	10.475	0.000	94	21054	2.00	2.04	
112 Chlorodibromomethane	129	10.628	10.634	-0.006	89	6800	0.2000	0.1908	
113 Ethylene Dibromide	107	10.737	10.744	-0.007	97	4931	0.2000	0.1903	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.176	-0.006	83	1502975	10.0	10.0	
115 1-Chlorohexane	91	11.182	11.183	-0.001	72	14444	0.2000	0.2244	
116 Chlorobenzene	112	11.201	11.201	0.000	96	26231	0.2000	0.1993	
S 117 Xylenes, Total	106				0			0.6032	
118 1,1,1,2-Tetrachloroethane	131	11.280	11.280	0.000	92	8686	0.2000	0.1960	
119 Ethylbenzene	91	11.286	11.286	0.000	97	43844	0.2000	0.1969	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
120 m-Xylene & p-Xylene	106	11.402	11.402	0.000	100	35509	0.4000	0.4006	
121 o-Xylene	106	11.731	11.731	0.000	95	17743	0.2000	0.2026	
122 Styrene	104	11.743	11.743	0.000	93	27106	0.2000	0.1911	
123 Bromoform	173	11.896	11.902	-0.006	95	3665	0.2000	0.1867	
124 Isopropylbenzene	105	12.030	12.030	0.000	95	44883	0.2000	0.1972	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	94	697889	10.0	10.0	
128 1,1,2,2-Tetrachloroethane	83	12.274	12.274	0.000	92	5476	0.2000	0.1853	
129 Bromobenzene	156	12.286	12.286	0.000	90	11110	0.2000	0.1939	
130 trans-1,4-Dichloro-2-butene	53	12.298	12.298	0.000	93	12791	2.00	2.02	
131 1,2,3-Trichloropropane	110	12.323	12.323	-0.001	78	1754	0.2000	0.2024	
132 N-Propylbenzene	91	12.359	12.359	0.000	98	52894	0.2000	0.1968	
133 2-Chlorotoluene	126	12.432	12.432	0.000	98	11437	0.2000	0.1978	
134 1,3,5-Trimethylbenzene	105	12.493	12.493	0.000	92	39010	0.2000	0.1968	
135 4-Chlorotoluene	126	12.524	12.524	0.000	95	12434	0.2000	0.2062	
136 tert-Butylbenzene	134	12.737	12.737	0.000	91	9436	0.2000	0.2102	
137 Pentachloroethane	167	12.768	12.768	0.000	76	6210	0.2000	0.1891	
138 1,2,4-Trimethylbenzene	105	12.774	12.774	0.000	97	41161	0.2000	0.1987	
139 sec-Butylbenzene	105	12.896	12.896	0.000	93	47682	0.2000	0.1885	
140 1,3-Dichlorobenzene	146	12.993	12.993	0.000	98	23825	0.2000	0.1999	
141 4-Isopropyltoluene	119	13.005	13.005	0.000	96	42405	0.2000	0.1873	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	835576	10.0	10.0	
143 1,4-Dichlorobenzene	146	13.066	13.066	0.000	94	23292	0.2000	0.1996	
144 1,2,3-Trimethylbenzene	120	13.078	13.079	0.000	97	17963	0.2000	0.2035	
145 Benzyl chloride	126	13.146	13.146	0.000	97	1997	0.2000	0.1659	
146 p-Diethylbenzene	119	13.200	13.200	0.000	94	24950	0.2000	0.1966	
147 n-Butylbenzene	92	13.292	13.292	0.000	97	21148	0.2000	0.1941	
148 1,2-Dichlorobenzene	146	13.328	13.328	0.000	99	20263	0.2000	0.1999	
150 1,2-Dibromo-3-Chloropropane	155	13.871	13.871	0.000	79	780	0.2000	0.1900	
151 1,3,5-Trichlorobenzene	180	13.993	13.993	0.000	97	19522	0.2000	0.1984	
152 1,2,4-Trichlorobenzene	180	14.414	14.414	0.000	93	15486	0.2000	0.1917	
153 Hexachlorobutadiene	225	14.499	14.499	0.000	93	8817	0.2000	0.1996	
154 Naphthalene	128	14.596	14.597	0.000	97	19455	0.2000	0.1831	
155 1,2,3-Trichlorobenzene	180	14.743	14.743	0.000	97	12065	0.2000	0.1963	
156 2-Methylnaphthalene	142	15.365	15.365	0.000	91	9365	0.2000	0.1825	
183 Pentane	43	2.989	2.989	0.000	95	7167	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

MSV_LL_#1_826_00185

Amount Added: 2.00

Units: uL

MSV_LL_#2_826_00200

Amount Added: 2.00

Units: uL

MSV_LL_GAS826_00299

Amount Added: 2.00

Units: uL

MSV_29_826ISS_00063

Amount Added: 1.20

Units: uL

Run Reagent

Report Date: 25-Nov-2025 15:44:31

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X14.D

Injection Date: 25-Nov-2025 02:08:30

Instrument ID: 16334

Operator ID: gaw91131

Lims ID: IC std3

Worklist Smp#: 15

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

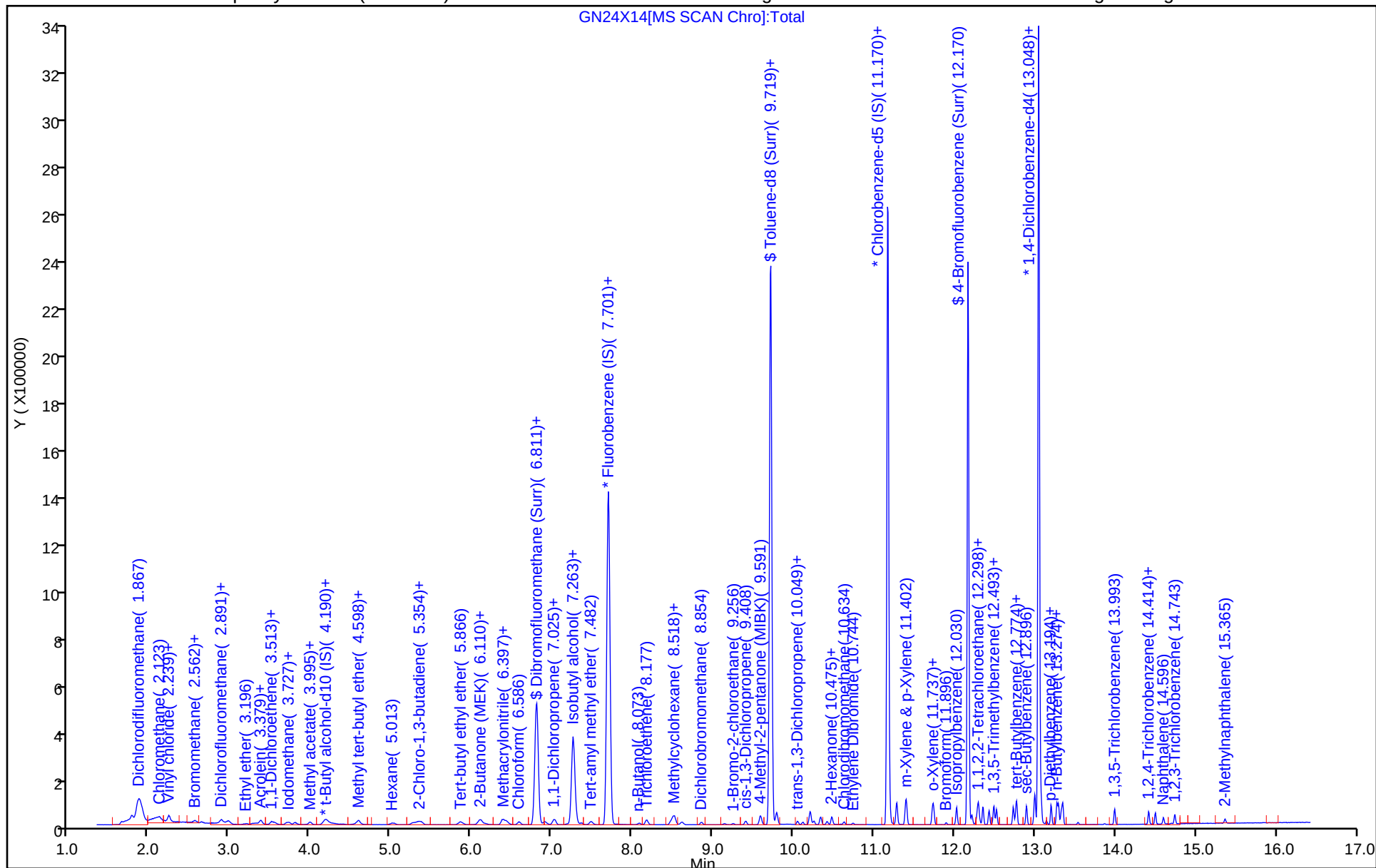
ALS Bottle#: 14

Method: MSV_16334_25mL

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

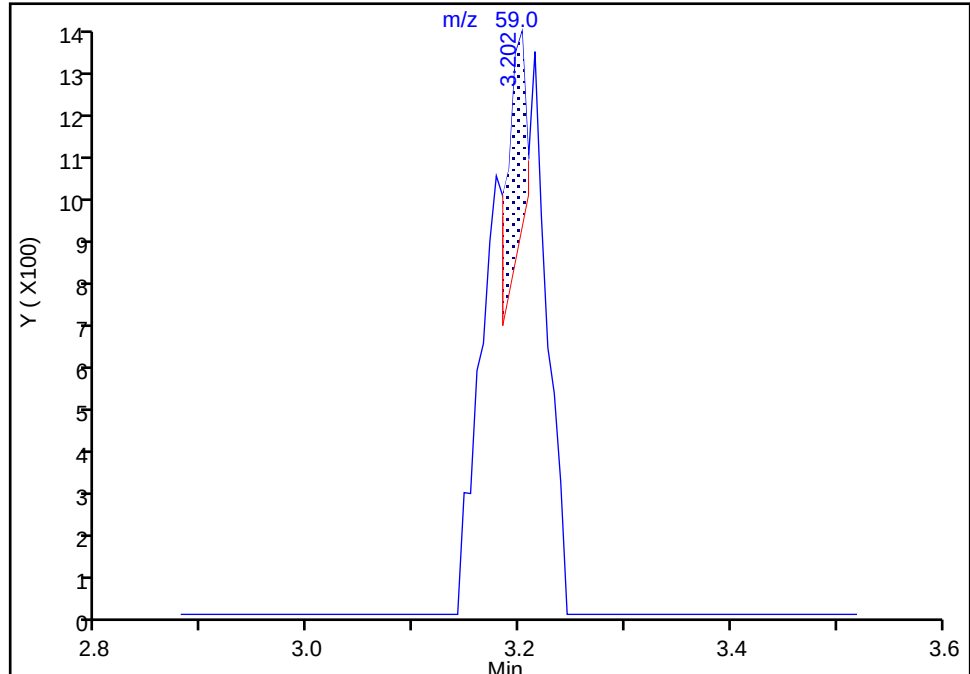
Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X14.D
Injection Date: 25-Nov-2025 02:08:30 Instrument ID: 16334
Lims ID: IC std3
Client ID:
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

15 Ethyl ether, CAS: 60-29-7

Signal: 1

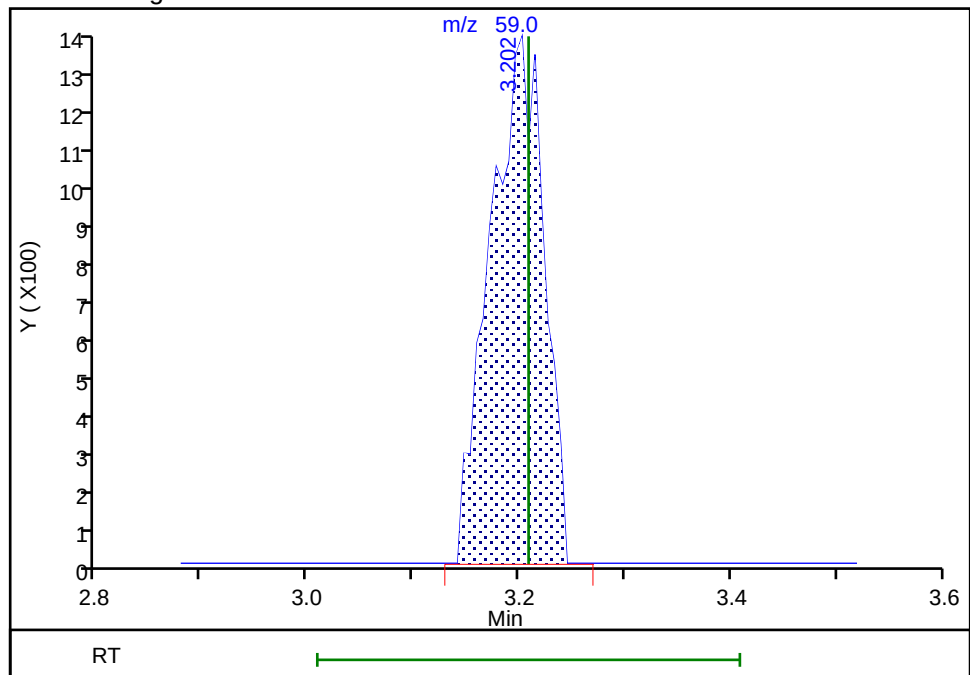
RT: 3.20
Area: 599
Amount: 0.033273
Amount Units: ug/l

Processing Integration Results



RT: 3.20
Area: 4841
Amount: 0.218889
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:05:13 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

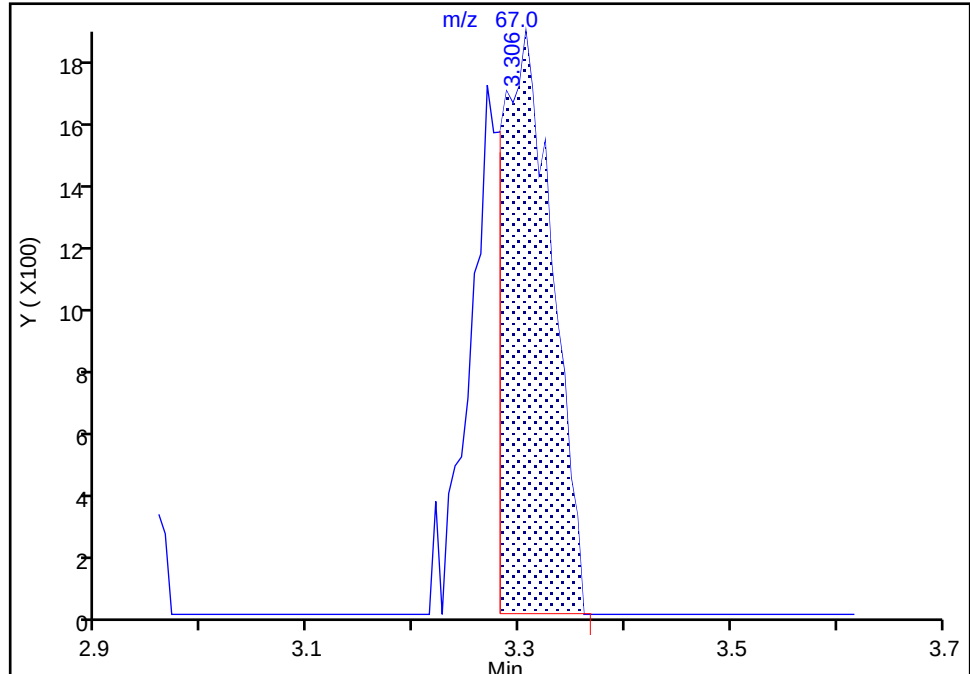
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Injection Date: 25-Nov-2025 02:08:30 Instrument ID: 16334
Lims ID: IC std3
Client ID:
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

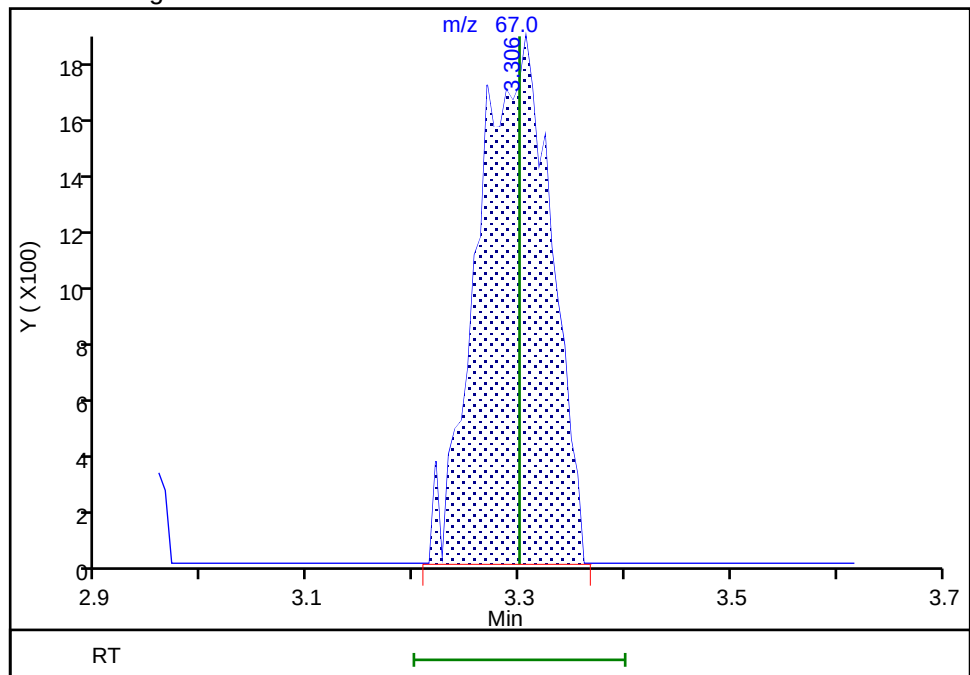
RT: 3.31
Area: 6134
Amount: 0.136084
Amount Units: ug/l

Processing Integration Results



RT: 3.31
Area: 9058
Amount: 0.193963
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:05:19 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

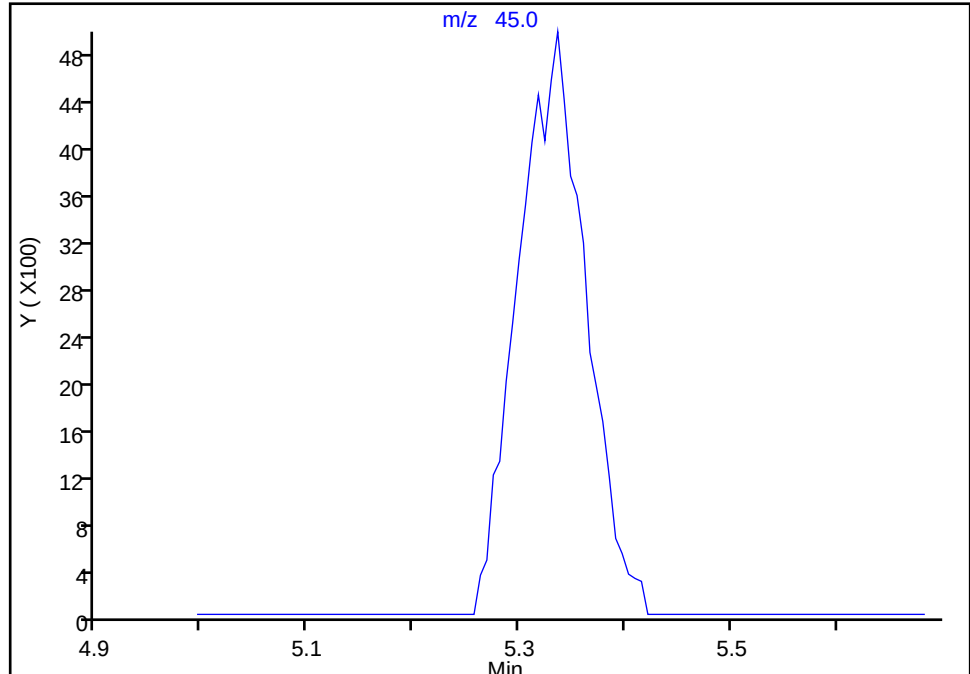
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Injection Date: 25-Nov-2025 02:08:30 Instrument ID: 16334
Lims ID: IC std3
Client ID:
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

38 Isopropyl ether, CAS: 108-20-3

Signal: 1

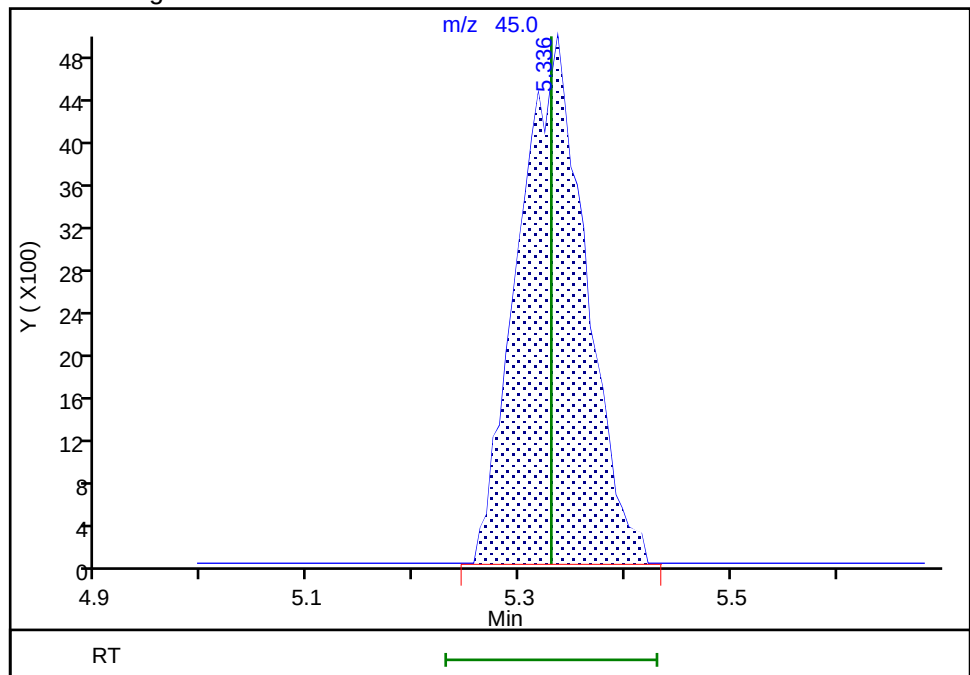
Not Detected
Expected RT: 5.33

Processing Integration Results



RT: 5.34
Area: 21778
Amount: 0.196064
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:05:55 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

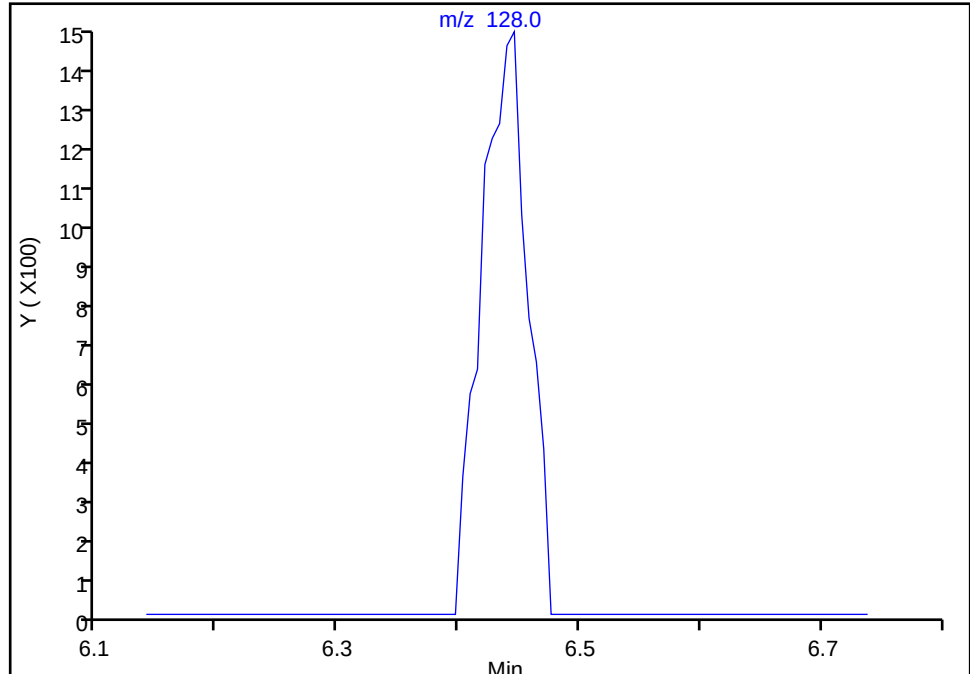
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Injection Date: 25-Nov-2025 02:08:30 Instrument ID: 16334
Lims ID: IC std3
Client ID:
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

49 Chlorobromomethane, CAS: 74-97-5

Signal: 1

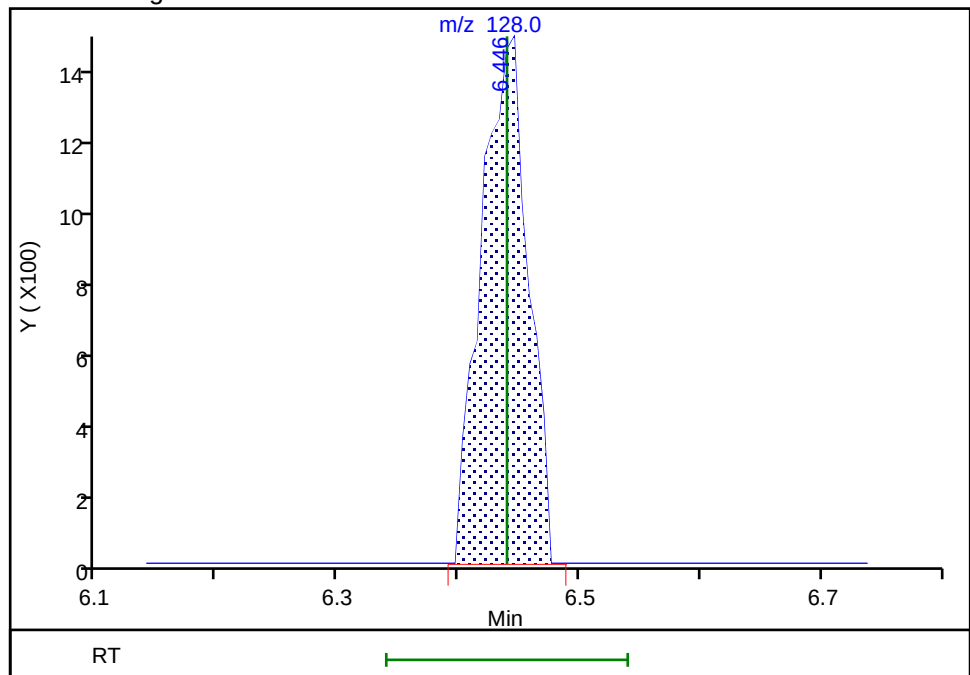
Not Detected
Expected RT: 6.44

Processing Integration Results



RT: 6.45
Area: 3907
Amount: 0.195460
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:06:09 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

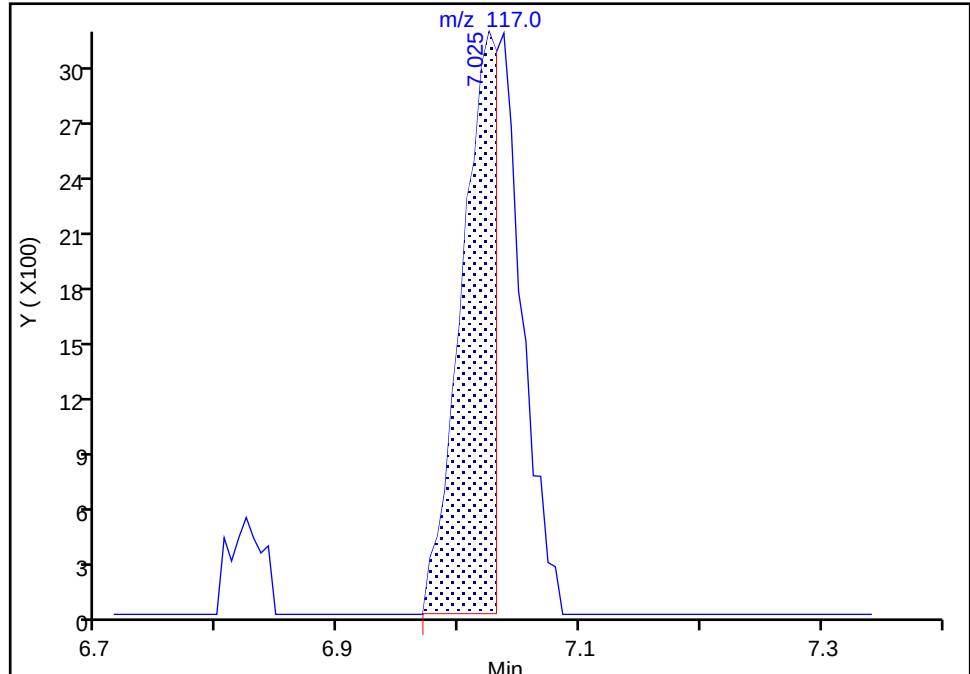
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Injection Date: 25-Nov-2025 02:08:30 Instrument ID: 16334
Lims ID: IC std3
Client ID:
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

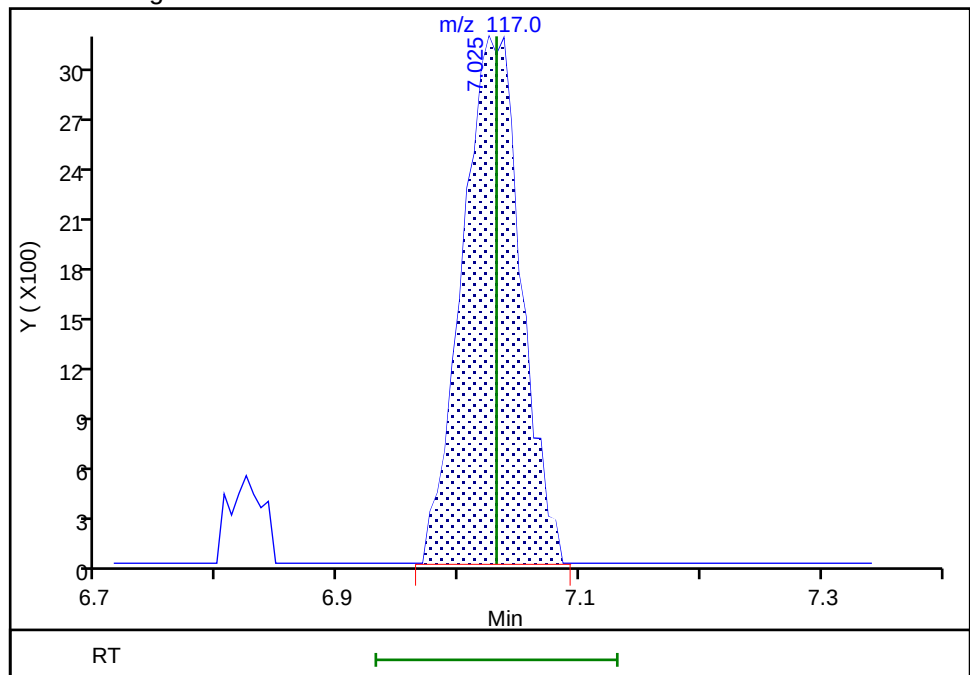
RT: 7.02
Area: 6611
Amount: 0.113095
Amount Units: ug/l

Processing Integration Results



RT: 7.02
Area: 10655
Amount: 0.180294
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:06:17 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

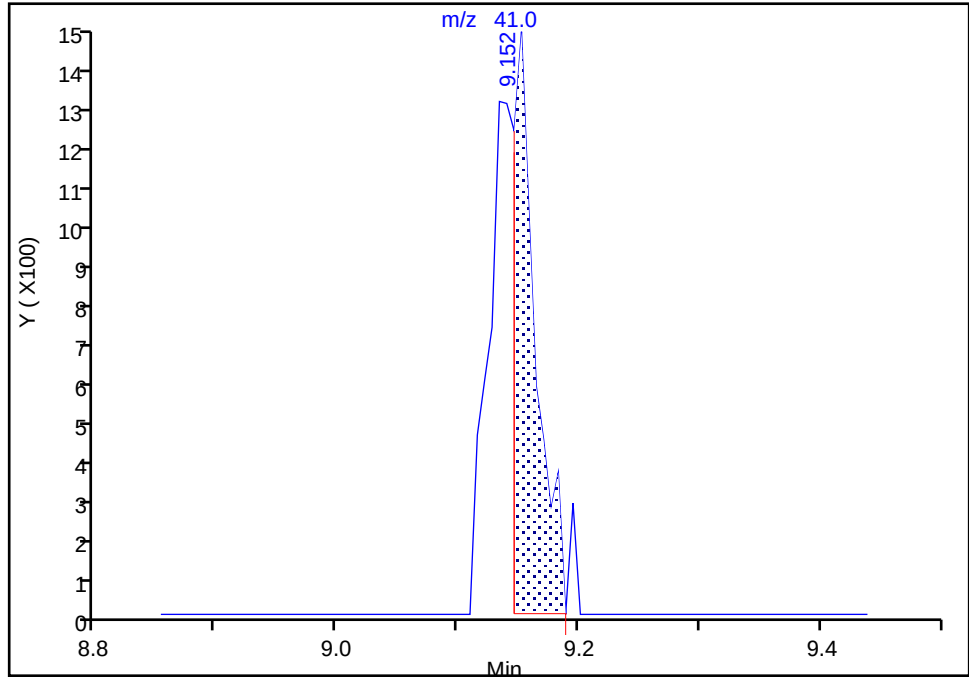
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Injection Date: 25-Nov-2025 02:08:30 Instrument ID: 16334
Lims ID: IC std3
Client ID:
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

78 2-Nitropropane, CAS: 79-46-9

Signal: 1

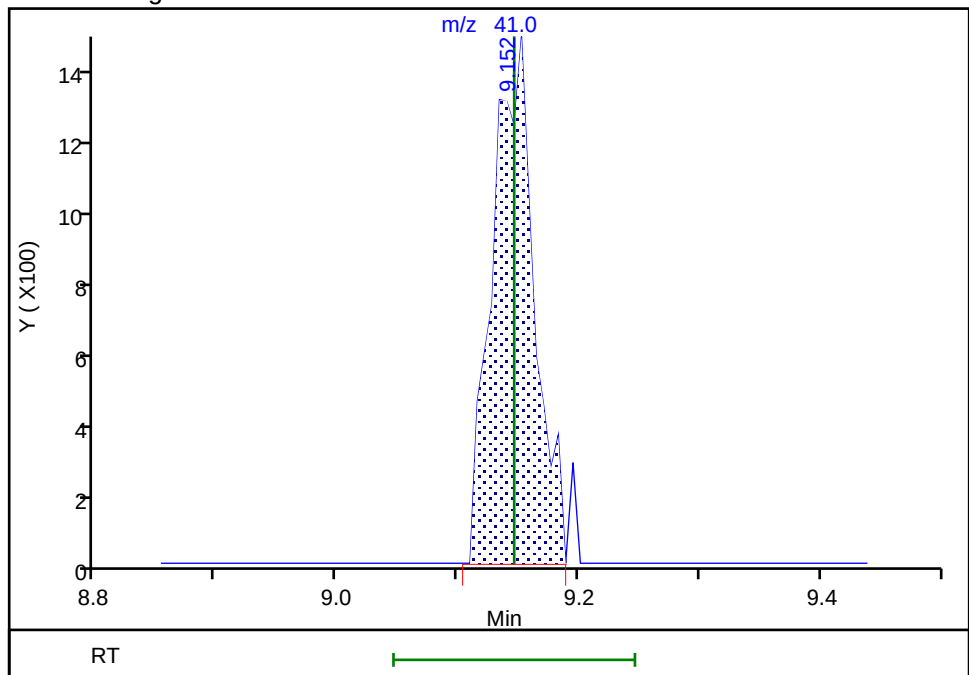
RT: 9.15
Area: 1923
Amount: 0.588480
Amount Units: ug/l

Processing Integration Results



RT: 9.15
Area: 3488
Amount: 1.003062
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:06:40 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X15.D
 Lims ID: IC std4
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 25-Nov-2025 02:31:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0167907-016
 Misc. Info.: IC STD4
 Operator ID: gaw91131 Instrument ID: 16334
 Sublist: chrom-MSV_16334_25mL*sub4
 Method: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 25-Nov-2025 15:44:46 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1704

First Level Reviewer: N7YK

Date: 25-Nov-2025 15:08:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.928	1.928	0.000	99	29613	0.5000	0.4478	
5 Chloromethane	50	2.129	2.129	0.000	99	28460	0.5000	0.4415	
7 Butadiene	39	2.245	2.245	0.000	90	21063	0.5000	0.4122	
6 Vinyl chloride	62	2.251	2.251	0.000	97	27551	0.5000	0.4393	
9 Bromomethane	94	2.568	2.568	0.000	90	23169	0.5000	0.4784	
10 Chloroethane	64	2.648	2.648	0.000	99	16316	0.5000	0.4711	
11 Dichlorofluoromethane	67	2.904	2.904	0.000	96	41793	0.5000	0.4596	
12 Trichlorofluoromethane	101	2.983	2.983	0.000	97	38588	0.5000	0.4507	
15 Ethyl ether	59	3.215	3.215	0.000	88	10615	0.5000	0.4765	M
16 1,2-Dichloro-1,1,2-trifluoroetha	67	3.288	3.288	0.000	87	21749	0.5000	0.4624	
17 Acrolein	56	3.385	3.385	0.000	98	72337	24.4	24.5	
18 1,1-Dichloroethene	96	3.519	3.519	0.000	97	16945	0.5000	0.4706	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.562	3.562	0.000	90	17437	0.5000	0.4700	
19 Acetone	43	3.562	3.562	0.000	89	21801	5.00	5.57	
21 Iodomethane	142	3.714	3.714	0.000	98	37500	0.5000	0.4880	
22 Isopropyl alcohol	45	3.733	3.733	0.000	31	6217	10.0	9.68	
23 Ethyl bromide	108	3.751	3.751	0.000	97	18913	0.5000	0.5010	
24 Carbon disulfide	76	3.812	3.812	0.000	98	56518	0.5000	0.4833	
27 Methyl acetate	43	3.983	3.983	0.000	25	6056	0.5000	0.5462	
28 3-Chloro-1-propene	41	3.995	3.995	0.000	91	27219	0.5000	0.4996	
29 Methylene Chloride	84	4.184	4.184	0.000	85	19644	0.5000	0.4908	
* 30 t-Butyl alcohol-d10 (IS)	65	4.208	4.208	0.000	96	67618	50.0	50.0	
31 2-Methyl-2-propanol	59	4.336	4.336	0.000	96	11596	10.0	9.96	
32 Acrylonitrile	53	4.544	4.544	0.000	52	6105	1.25	1.21	
33 Methyl tert-butyl ether	73	4.605	4.605	0.000	94	39723	0.5000	0.4901	
34 trans-1,2-Dichloroethene	96	4.605	4.605	0.000	98	20999	0.5000	0.4706	
35 Hexane	57	5.037	5.037	0.000	90	21931	0.5000	0.4489	
36 1,1-Dichloroethane	63	5.275	5.275	0.000	95	34069	0.5000	0.4861	
38 Isopropyl ether	45	5.336	5.336	0.000	91	54027	0.5000	0.4829	
39 2-Chloro-1,3-butadiene	53	5.391	5.391	0.000	89	27625	0.5000	0.4762	

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	5.873	5.873	0.000	96	49242	0.5000	0.4692	
42 2-Butanone (MEK)	43	6.086	6.086	0.000	99	31946	5.00	5.16	
44 cis-1,2-Dichloroethene	96	6.116	6.116	0.000	81	23389	0.5000	0.5043	
45 2,2-Dichloropropane	77	6.123	6.123	0.000	87	28539	0.5000	0.4714	
S 43 1,2-Dichloroethene, Total	100				0			0.9749	
47 Propionitrile	54	6.177	6.177	0.000	96	18104	10.0	9.77	
48 Methacrylonitrile	67	6.397	6.397	0.000	88	37914	5.00	5.09	
49 Chlorobromomethane	128	6.440	6.440	0.000	84	9670	0.5000	0.4803	
50 Tetrahydrofuran	71	6.464	6.464	0.000	68	5410	2.50	2.76	
51 Chloroform	83	6.598	6.598	0.000	92	37042	0.5000	0.4847	
\$ 52 Dibromofluoromethane (Surr)	113	6.811	6.811	0.000	94	478190	10.0	9.90	
53 1,1,1-Trichloroethane	97	6.830	6.830	0.000	92	33143	0.5000	0.4913	
54 Cyclohexane	56	6.915	6.915	0.000	86	27973	0.5000	0.4538	
57 1,1-Dichloropropene	75	7.031	7.031	0.000	94	27296	0.5000	0.4807	
56 Carbon tetrachloride	117	7.031	7.031	0.000	97	27500	0.5000	0.4620	
58 Isobutyl alcohol	41	7.195	7.195	0.000	87	10233	25.0	23.6	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.263	0.000	66	89351	10.0	9.91	
60 Benzene	78	7.299	7.299	0.000	94	85663	0.5000	0.4936	
61 1,2-Dichloroethane	62	7.372	7.372	0.000	97	18886	0.5000	0.4840	
63 Tert-amyl methyl ether	73	7.488	7.488	0.000	98	43060	0.5000	0.4821	
* 64 Fluorobenzene (IS)	96	7.708	7.708	0.000	99	1997072	10.0	10.0	
65 n-Heptane	43	7.708	7.708	0.000	37	23338	0.5000	0.4858	
67 n-Butanol	56	8.092	8.092	0.000	85	15097	43.8	41.6	
68 Trichloroethene	95	8.183	8.183	0.000	95	23207	0.5000	0.5019	Ma
69 Methylcyclohexane	83	8.488	8.488	0.000	88	32477	0.5000	0.4453	
70 1,2-Dichloropropane	63	8.512	8.512	0.000	90	19483	0.5000	0.4869	
71 2-ethoxy-2-methyl butane	87	8.531	8.531	0.000	96	30056	0.5000	0.4707	
73 Methyl methacrylate	69	8.598	8.598	0.000	73	7385	0.5000	0.5239	M
72 1,4-Dioxane	88	8.610	8.610	0.000	34	2221	25.0	21.9	
74 Dibromomethane	93	8.622	8.622	0.000	94	9060	0.5000	0.4846	
76 Dichlorobromomethane	83	8.860	8.860	0.000	98	24110	0.5000	0.4715	
78 2-Nitropropane	41	9.146	9.146	0.000	97	8924	2.50	2.52	
80 1-Bromo-2-chloroethane	63	9.250	9.250	0.000	97	16068	0.5000	0.4713	
81 cis-1,3-Dichloropropene	75	9.408	9.408	0.000	96	27505	0.5000	0.4621	
82 4-Methyl-2-pentanone (MIBK)	43	9.591	9.591	0.000	94	74521	5.00	4.86	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.719	0.000	92	1964268	10.0	10.1	
84 Toluene	92	9.793	9.793	0.000	98	57794	0.5000	0.4976	
105 trans-1,3-Dichloropropene	75	10.055	10.055	0.000	92	20617	0.5000	0.4461	
S 104 1,3-Dichloropropene, Total	100				0			0.9083	
106 Ethyl methacrylate	69	10.116	10.116	0.000	88	15049	0.5000	0.4603	
107 1,1,2-Trichloroethane	97	10.256	10.256	0.000	89	13141	0.5000	0.4832	
108 Tetrachloroethene	166	10.341	10.341	0.000	97	27662	0.5000	0.4807	
109 1,3-Dichloropropane	76	10.420	10.420	0.000	87	22137	0.5000	0.5001	
110 2-Hexanone	43	10.475	10.475	0.000	96	53388	5.00	5.07	
112 Chlorodibromomethane	129	10.634	10.634	0.000	88	16569	0.5000	0.4626	
113 Ethylene Dibromide	107	10.744	10.744	0.000	96	12766	0.5000	0.4901	
* 114 Chlorobenzene-d5 (IS)	117	11.176	11.176	0.000	83	1510832	10.0	10.0	
115 1-Chlorohexane	91	11.183	11.183	0.000	93	31301	0.5000	0.4838	
116 Chlorobenzene	112	11.201	11.201	0.000	97	64459	0.5000	0.4873	
S 117 Xylenes, Total	106				0			1.45	
118 1,1,1,2-Tetrachloroethane	131	11.280	11.280	0.000	94	20740	0.5000	0.4656	
119 Ethylbenzene	91	11.286	11.286	0.000	98	111093	0.5000	0.4964	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
120 m-Xylene & p-Xylene	106	11.396	11.396	0.000	100	85773	1.00	0.9627	
121 o-Xylene	106	11.731	11.731	0.000	96	42716	0.5000	0.4852	
122 Styrene	104	11.743	11.743	0.000	94	69025	0.5000	0.4840	
123 Bromoform	173	11.902	11.902	0.000	98	9508	0.5000	0.4817	
124 Isopropylbenzene	105	12.030	12.030	0.000	95	110828	0.5000	0.4845	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	94	700263	10.0	10.0	
128 1,1,2,2-Tetrachloroethane	83	12.274	12.274	0.000	93	13905	0.5000	0.4700	
129 Bromobenzene	156	12.286	12.286	0.000	92	27471	0.5000	0.4787	
130 trans-1,4-Dichloro-2-butene	53	12.298	12.298	0.000	94	32107	5.00	4.98	
131 1,2,3-Trichloropropane	110	12.316	12.316	0.000	73	4140	0.5000	0.4770	
132 N-Propylbenzene	91	12.353	12.353	0.000	98	131168	0.5000	0.4874	
133 2-Chlorotoluene	126	12.432	12.432	0.000	97	28454	0.5000	0.4913	
134 1,3,5-Trimethylbenzene	105	12.493	12.493	0.000	94	95155	0.5000	0.4793	
135 4-Chlorotoluene	126	12.524	12.524	0.000	96	29229	0.5000	0.4839	
136 tert-Butylbenzene	134	12.731	12.731	0.000	92	20684	0.5000	0.4601	
137 Pentachloroethane	167	12.768	12.768	0.000	78	15055	0.5000	0.4578	
138 1,2,4-Trimethylbenzene	105	12.774	12.774	0.000	97	99180	0.5000	0.4780	
139 sec-Butylbenzene	105	12.896	12.896	0.000	93	122934	0.5000	0.4852	
140 1,3-Dichlorobenzene	146	12.993	12.993	0.000	98	58214	0.5000	0.4878	
141 4-Isopropyltoluene	119	13.005	13.005	0.000	97	108199	0.5000	0.4773	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	836799	10.0	10.0	
143 1,4-Dichlorobenzene	146	13.066	13.066	0.000	97	57934	0.5000	0.4958	
144 1,2,3-Trimethylbenzene	120	13.078	13.078	0.000	98	42189	0.5000	0.4772	
145 Benzyl chloride	126	13.146	13.146	0.000	98	5219	0.5000	0.4330	
146 p-Diethylbenzene	119	13.200	13.200	0.000	91	60305	0.5000	0.4746	
147 n-Butylbenzene	92	13.292	13.292	0.000	97	51989	0.5000	0.4765	
148 1,2-Dichlorobenzene	146	13.328	13.328	0.000	99	48996	0.5000	0.4826	
150 1,2-Dibromo-3-Chloropropane	155	13.871	13.871	0.000	85	2044	0.5000	0.4888	
151 1,3,5-Trichlorobenzene	180	13.993	13.993	0.000	97	47272	0.5000	0.4798	
152 1,2,4-Trichlorobenzene	180	14.414	14.414	0.000	94	38999	0.5000	0.4820	
153 Hexachlorobutadiene	225	14.499	14.499	0.000	94	21889	0.5000	0.4949	
154 Naphthalene	128	14.596	14.596	0.000	96	49233	0.5000	0.4627	
155 1,2,3-Trichlorobenzene	180	14.743	14.743	0.000	96	28977	0.5000	0.4707	
156 2-Methylnaphthalene	142	15.365	15.365	0.000	90	21618	0.5000	0.4206	
183 Pentane	43	3.001	3.001	0.000	96	26879	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LL_#1_826_00185	Amount Added: 2.00	Units: uL	
MSV_LL_#2_826_00200	Amount Added: 2.00	Units: uL	
MSV_LL_GAS826_00299	Amount Added: 2.00	Units: uL	
MSV_29_826ISS_00063	Amount Added: 1.20	Units: uL	Run Reagent

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X15.D

Injection Date: 25-Nov-2025 02:31:30

Instrument ID: 16334

Operator ID: gaw91131

Lims ID: IC std4

Worklist Smp#: 16

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

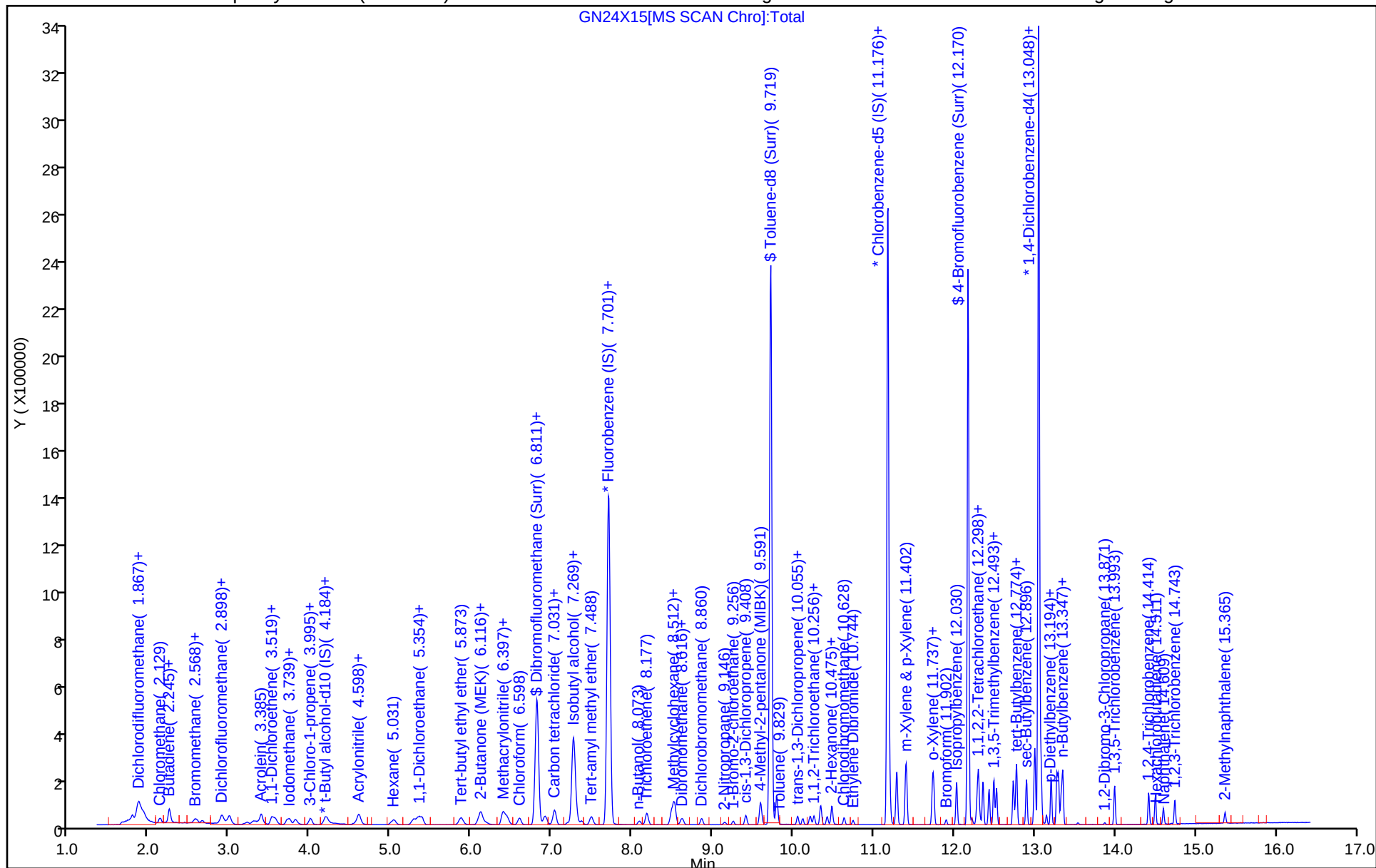
ALS Bottle#: 15

Method: MSV_16334_25mL

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

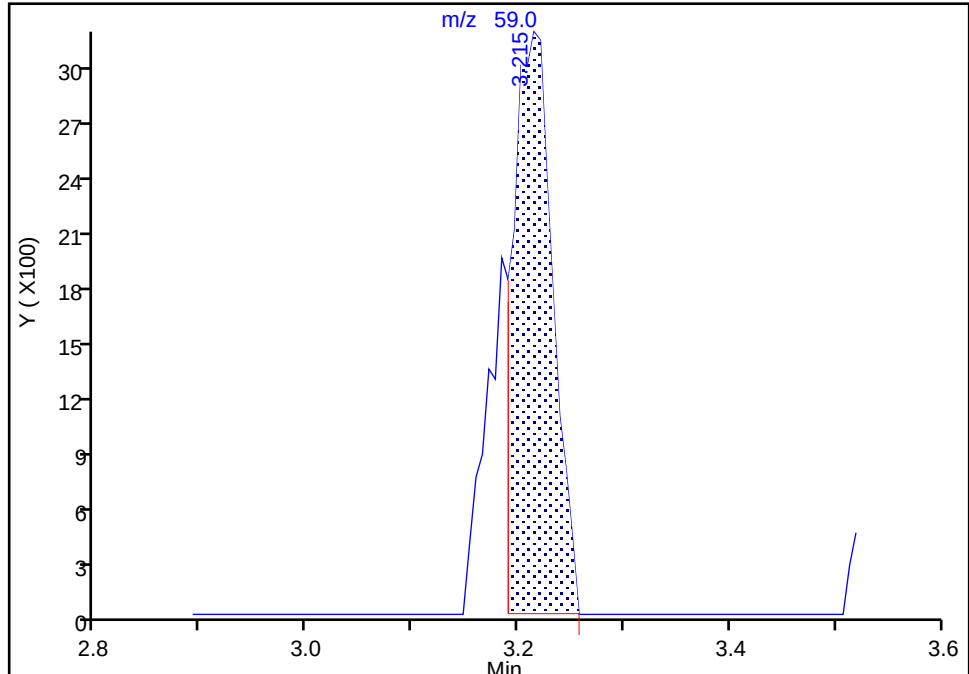
Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X15.D
Injection Date: 25-Nov-2025 02:31:30 Instrument ID: 16334
Lims ID: IC std4
Client ID:
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

15 Ethyl ether, CAS: 60-29-7

Signal: 1

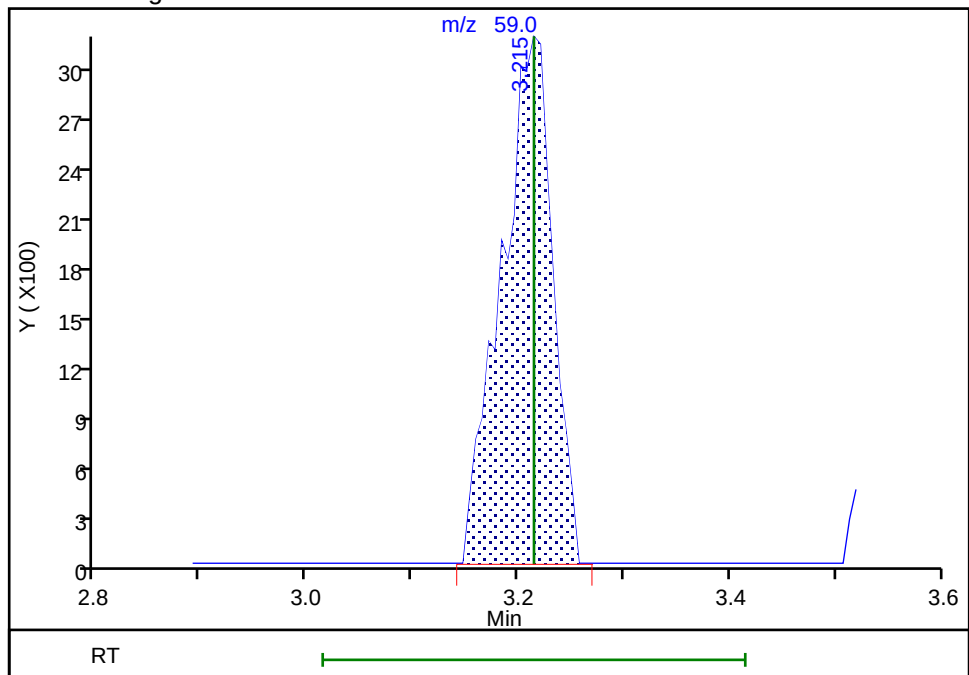
RT: 3.21
Area: 8226
Amount: 0.395430
Amount Units: ug/l

Processing Integration Results



RT: 3.21
Area: 10615
Amount: 0.476543
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:07:39 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

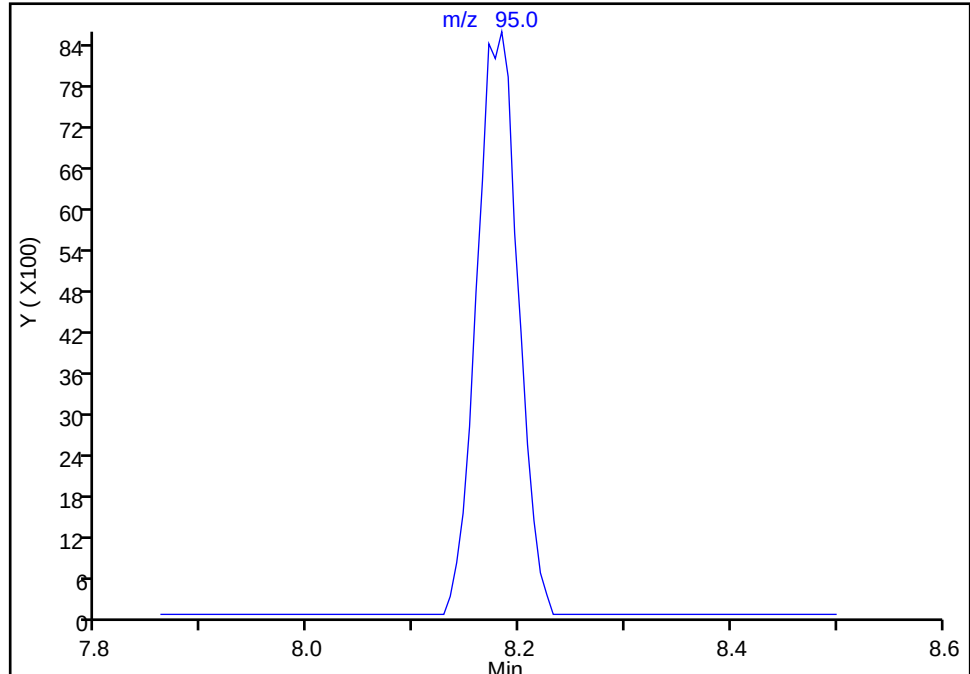
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Injection Date: 25-Nov-2025 02:31:30 Instrument ID: 16334
Lims ID: IC std4
Client ID:
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

68 Trichloroethene, CAS: 79-01-6

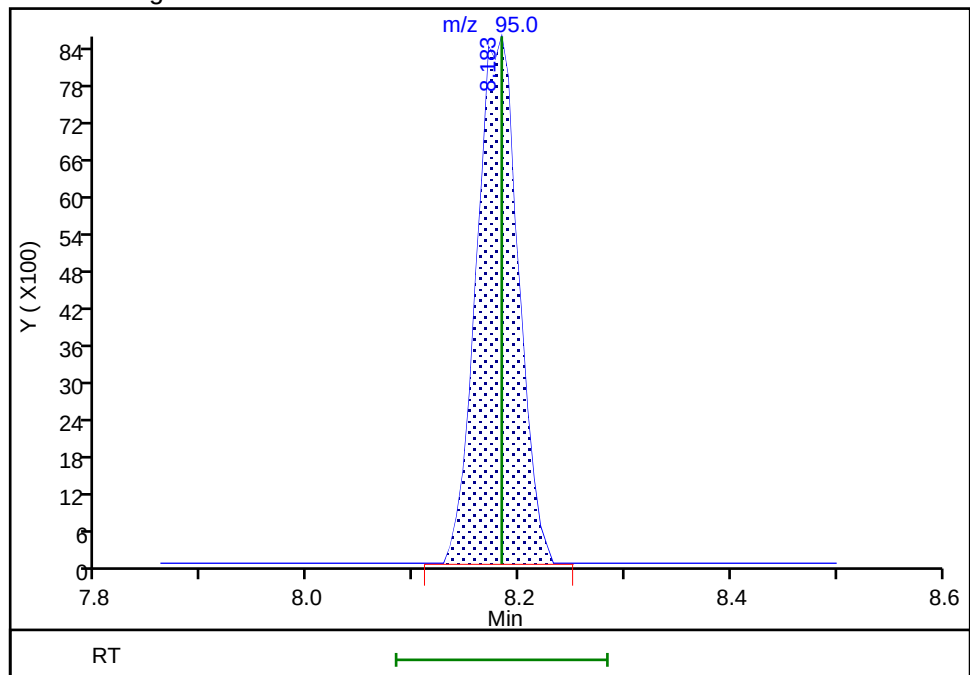
Signal: 1

Not Detected
Expected RT: 8.18

Processing Integration Results



Manual Integration Results



RT: 8.18
Area: 23207
Amount: 0.501876
Amount Units: ug/l

Reviewer: N7YK, 25-Nov-2025 15:08:10 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

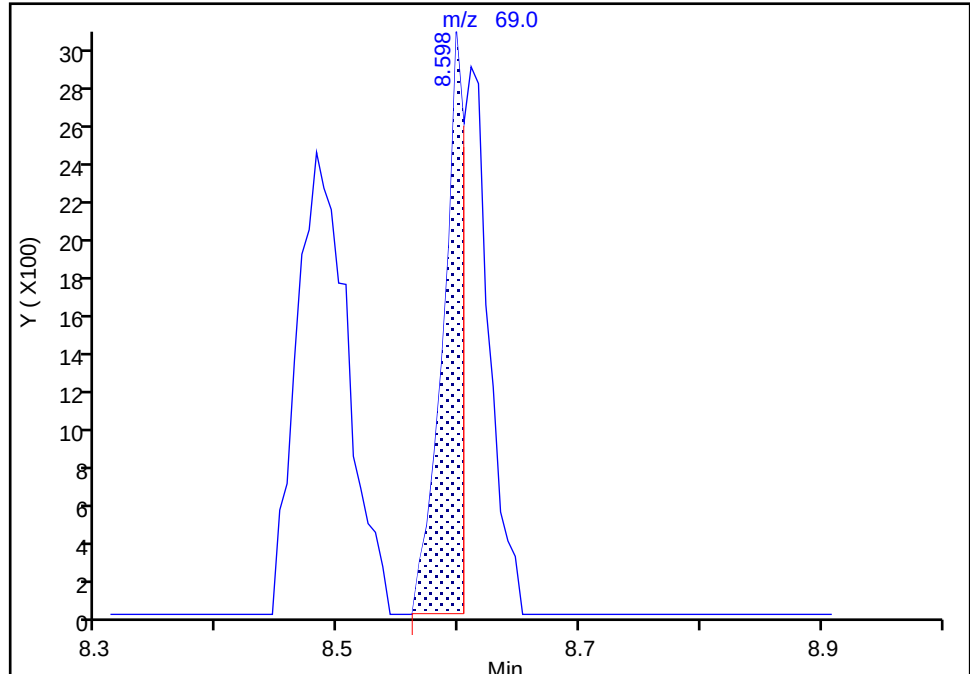
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Injection Date: 25-Nov-2025 02:31:30 Instrument ID: 16334
Lims ID: IC std4
Client ID:
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

73 Methyl methacrylate, CAS: 80-62-6

Signal: 1

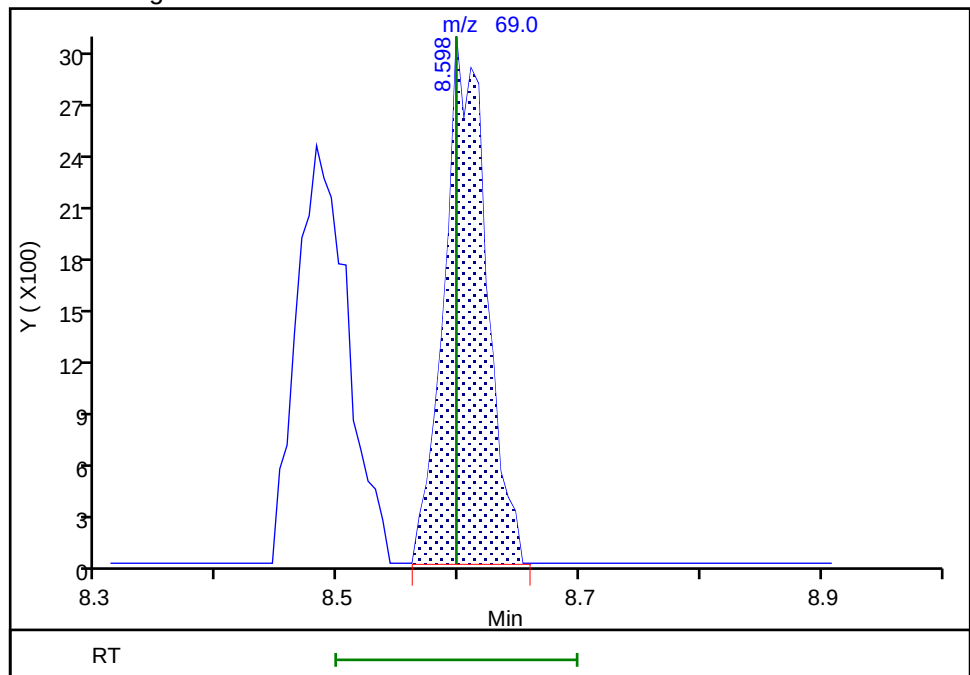
RT: 8.60
Area: 3838
Amount: 0.293366
Amount Units: ug/l

Processing Integration Results



RT: 8.60
Area: 7385
Amount: 0.523905
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:08:21 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X16.D
 Lims ID: IC std5
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 25-Nov-2025 02:53:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0167907-017
 Misc. Info.: IC STD5
 Operator ID: gaw91131 Instrument ID: 16334
 Sublist: chrom-MSV_16334_25mL*sub4
 Method: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 25-Nov-2025 15:45:01 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1704

First Level Reviewer: N7YK

Date: 25-Nov-2025 15:10:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.922	1.928	-0.006	99	70542	1.00	1.07	
5 Chloromethane	50	2.123	2.129	-0.006	99	60777	1.00	0.9501	
7 Butadiene	39	2.239	2.245	-0.006	89	49229	1.00	0.9708	
6 Vinyl chloride	62	2.245	2.251	-0.006	95	62539	1.00	1.00	
9 Bromomethane	94	2.562	2.568	-0.006	90	48591	1.00	1.01	
10 Chloroethane	64	2.654	2.648	0.006	99	34478	1.00	1.00	
11 Dichlorofluoromethane	67	2.891	2.904	-0.013	96	89753	1.00	0.99	
12 Trichlorofluoromethane	101	2.983	2.983	0.000	69	90580	1.00	1.07	
15 Ethyl ether	59	3.208	3.215	-0.007	87	20392	1.00	0.9225	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	3.294	3.288	0.006	89	50422	1.00	1.08	
17 Acrolein	56	3.385	3.385	0.000	100	152379	48.8	51.2	
18 1,1-Dichloroethene	96	3.519	3.519	0.000	95	35955	1.00	1.01	
19 Acetone	43	3.550	3.562	-0.012	92	42022	10.0	10.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.556	3.562	-0.006	90	39238	1.00	1.07	
21 Iodomethane	142	3.702	3.714	-0.012	98	77127	1.00	1.01	
22 Isopropyl alcohol	45	3.721	3.733	-0.012	31	13926	20.0	21.8	
23 Ethyl bromide	108	3.739	3.751	-0.012	97	37628	1.00	1.00	
24 Carbon disulfide	76	3.806	3.812	-0.006	98	116921	1.00	1.01	
27 Methyl acetate	43	3.970	3.983	-0.013	71	12927	1.00	1.16	
28 3-Chloro-1-propene	41	3.995	3.995	0.000	90	53744	1.00	0.99	
29 Methylene Chloride	84	4.178	4.184	-0.006	84	39924	1.00	1.01	
* 30 t-Butyl alcohol-d10 (IS)	65	4.208	4.208	0.000	94	68208	50.0	50.0	
31 2-Methyl-2-propanol	59	4.330	4.336	-0.006	97	26981	20.0	23.0	
32 Acrylonitrile	53	4.544	4.544	0.000	90	13708	2.50	2.69	
33 Methyl tert-butyl ether	73	4.592	4.605	-0.013	91	80294	1.00	1.00	
34 trans-1,2-Dichloroethene	96	4.592	4.605	-0.013	98	44491	1.00	1.00	
35 Hexane	57	5.025	5.037	-0.012	91	51470	1.00	1.06	
36 1,1-Dichloroethane	63	5.269	5.275	-0.006	95	70198	1.00	1.01	
38 Isopropyl ether	45	5.324	5.336	-0.012	93	111586	1.00	1.01	
39 2-Chloro-1,3-butadiene	53	5.379	5.391	-0.012	89	59029	1.00	1.03	

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	5.866	5.873	-0.007	97	103995	1.00	1.00	
42 2-Butanone (MEK)	43	6.080	6.086	-0.006	99	65179	10.0	10.4	
44 cis-1,2-Dichloroethene	96	6.110	6.116	-0.006	79	49201	1.00	1.07	
45 2,2-Dichloropropane	77	6.116	6.123	-0.007	83	60104	1.00	1.00	
S 43 1,2-Dichloroethene, Total	100				0			2.07	
47 Propionitrile	54	6.183	6.177	0.006	99	38367	20.0	20.5	
48 Methacrylonitrile	67	6.385	6.397	-0.012	90	79562	10.0	10.6	
49 Chlorobromomethane	128	6.433	6.440	-0.007	86	20183	1.00	1.01	
50 Tetrahydrofuran	71	6.446	6.464	-0.018	66	10130	5.00	5.12	
51 Chloroform	83	6.592	6.598	-0.006	93	77138	1.00	1.02	
\$ 52 Dibromofluoromethane (Surr)	113	6.811	6.811	0.000	94	481050	10.0	10.0	
53 1,1,1-Trichloroethane	97	6.817	6.830	-0.013	97	68561	1.00	1.02	
54 Cyclohexane	56	6.909	6.915	-0.006	88	65037	1.00	1.06	
57 1,1-Dichloropropene	75	7.037	7.031	0.006	96	58221	1.00	1.03	
56 Carbon tetrachloride	117	7.025	7.031	-0.006	97	59832	1.00	1.01	
58 Isobutyl alcohol	41	7.195	7.195	0.000	94	22335	50.0	51.8	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.263	-0.001	67	89974	10.0	10.1	
60 Benzene	78	7.299	7.299	0.000	94	174896	1.00	1.02	
61 1,2-Dichloroethane	62	7.360	7.372	-0.012	97	39447	1.00	1.02	
63 Tert-amyl methyl ether	73	7.488	7.488	0.000	99	88852	1.00	1.00	
* 64 Fluorobenzene (IS)	96	7.701	7.708	-0.007	99	1981930	10.0	10.0	
65 n-Heptane	43	7.708	7.708	0.000	82	50826	1.00	1.07	
67 n-Butanol	56	8.086	8.092	-0.006	89	32451	87.5	88.7	
68 Trichloroethene	95	8.177	8.183	-0.006	96	48895	1.00	1.07	
69 Methylcyclohexane	83	8.482	8.488	-0.006	88	76405	1.00	1.06	
70 1,2-Dichloropropane	63	8.512	8.512	0.000	94	39710	1.00	1.00	
71 2-ethoxy-2-methyl butane	87	8.524	8.531	-0.007	95	62592	1.00	0.9878	
73 Methyl methacrylate	69	8.598	8.598	0.000	87	14549	1.00	1.02	
72 1,4-Dioxane	88	8.604	8.610	-0.006	38	4917	50.0	48.0	M
74 Dibromomethane	93	8.616	8.622	-0.006	93	19230	1.00	1.04	
76 Dichlorobromomethane	83	8.860	8.860	0.000	99	50080	1.00	0.9870	
78 2-Nitropropane	41	9.146	9.146	0.000	98	18354	5.00	5.14	
80 1-Bromo-2-chloroethane	63	9.250	9.250	0.000	98	32438	1.00	0.9588	
81 cis-1,3-Dichloropropene	75	9.408	9.408	0.000	97	57429	1.00	0.9723	
82 4-Methyl-2-pentanone (MIBK)	43	9.591	9.591	0.000	96	160841	10.0	10.4	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.719	0.000	92	1941778	10.0	10.0	
84 Toluene	92	9.793	9.793	-0.001	98	117287	1.00	1.01	
105 trans-1,3-Dichloropropene	75	10.055	10.055	0.000	91	45010	1.00	0.9775	
S 104 1,3-Dichloropropene, Total	100				0			1.95	
106 Ethyl methacrylate	69	10.116	10.116	0.000	87	31957	1.00	0.9810	
107 1,1,2-Trichloroethane	97	10.256	10.256	0.000	88	28305	1.00	1.04	
108 Tetrachloroethene	166	10.341	10.341	0.000	97	57398	1.00	1.00	
109 1,3-Dichloropropane	76	10.420	10.420	0.000	89	44704	1.00	1.01	
110 2-Hexanone	43	10.475	10.475	0.000	95	110478	10.0	10.4	
112 Chlorodibromomethane	129	10.628	10.634	-0.006	89	35221	1.00	0.9869	
113 Ethylene Dibromide	107	10.744	10.744	0.000	98	26110	1.00	1.01	
* 114 Chlorobenzene-d5 (IS)	117	11.176	11.176	0.000	84	1505312	10.0	10.0	
115 1-Chlorohexane	91	11.182	11.183	0.000	93	64694	1.00	1.00	
116 Chlorobenzene	112	11.201	11.201	0.000	97	133772	1.00	1.01	
S 117 Xylenes, Total	106				0			3.04	
118 1,1,1,2-Tetrachloroethane	131	11.280	11.280	0.000	95	43817	1.00	0.9873	
119 Ethylbenzene	91	11.286	11.286	0.000	98	228614	1.00	1.03	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
120 m-Xylene & p-Xylene	106	11.402	11.396	0.006	100	180683	2.00	2.04	
121 o-Xylene	106	11.731	11.731	0.000	95	87759	1.00	1.00	
122 Styrene	104	11.743	11.743	0.000	93	142278	1.00	1.00	
123 Bromoform	173	11.902	11.902	0.000	96	19034	1.00	0.9679	
124 Isopropylbenzene	105	12.030	12.030	0.000	95	232845	1.00	1.02	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	94	700353	10.0	10.0	
128 1,1,2,2-Tetrachloroethane	83	12.274	12.274	0.000	93	28819	1.00	0.9804	
129 Bromobenzene	156	12.286	12.286	0.000	92	57276	1.00	1.00	
130 trans-1,4-Dichloro-2-butene	53	12.298	12.298	0.000	92	67508	10.0	10.4	
131 1,2,3-Trichloropropane	110	12.316	12.316	0.000	78	8870	1.00	1.03	
132 N-Propylbenzene	91	12.353	12.353	0.000	99	268913	1.00	1.01	
133 2-Chlorotoluene	126	12.432	12.432	0.000	97	56765	1.00	0.9865	
134 1,3,5-Trimethylbenzene	105	12.493	12.493	0.000	94	197576	1.00	1.00	
135 4-Chlorotoluene	126	12.524	12.524	0.000	96	59779	1.00	1.00	
136 tert-Butylbenzene	134	12.731	12.731	0.000	92	43488	1.00	0.9736	
137 Pentachloroethane	167	12.768	12.768	0.000	79	32379	1.00	0.99	
138 1,2,4-Trimethylbenzene	105	12.774	12.774	0.000	96	208131	1.00	1.01	
139 sec-Butylbenzene	105	12.896	12.896	0.000	93	254416	1.00	1.01	
140 1,3-Dichlorobenzene	146	12.993	12.993	0.000	98	119936	1.00	1.01	
141 4-Isopropyltoluene	119	13.005	13.005	0.000	97	231184	1.00	1.03	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	93	831313	10.0	10.0	
143 1,4-Dichlorobenzene	146	13.066	13.066	0.000	96	118363	1.00	1.02	
144 1,2,3-Trimethylbenzene	120	13.078	13.078	0.000	98	89089	1.00	1.01	
145 Benzyl chloride	126	13.146	13.146	0.000	98	11183	1.00	0.9340	
146 p-Diethylbenzene	119	13.200	13.200	0.000	92	125681	1.00	1.00	
147 n-Butylbenzene	92	13.292	13.292	0.000	97	110174	1.00	1.02	
148 1,2-Dichlorobenzene	146	13.328	13.328	0.000	99	101680	1.00	1.01	
150 1,2-Dibromo-3-Chloropropane	155	13.871	13.871	0.000	85	4254	1.00	1.01	
151 1,3,5-Trichlorobenzene	180	13.993	13.993	0.000	97	97285	1.00	0.99	
152 1,2,4-Trichlorobenzene	180	14.414	14.414	0.000	93	80634	1.00	1.00	
153 Hexachlorobutadiene	225	14.499	14.499	0.000	96	44212	1.00	1.01	
154 Naphthalene	128	14.596	14.596	0.000	96	102754	1.00	0.9721	
155 1,2,3-Trichlorobenzene	180	14.743	14.743	0.000	96	62039	1.00	1.01	
156 2-Methylnaphthalene	142	15.365	15.365	0.000	92	48855	1.00	0.9567	
183 Pentane	43	2.989	3.001	-0.012	97	58552	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#1_826_00185	Amount Added: 2.00	Units: uL	
MSV_LL_#2_826_00200	Amount Added: 2.00	Units: uL	
MSV_LL_GAS826_00299	Amount Added: 2.00	Units: uL	
MSV_29_826ISS_00063	Amount Added: 1.20	Units: uL	Run Reagent

Report Date: 25-Nov-2025 15:45:01

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X16.D

Injection Date: 25-Nov-2025 02:53:30

Instrument ID: 16334

Operator ID: gaw91131

Lims ID: IC std5

Worklist Smp#: 17

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

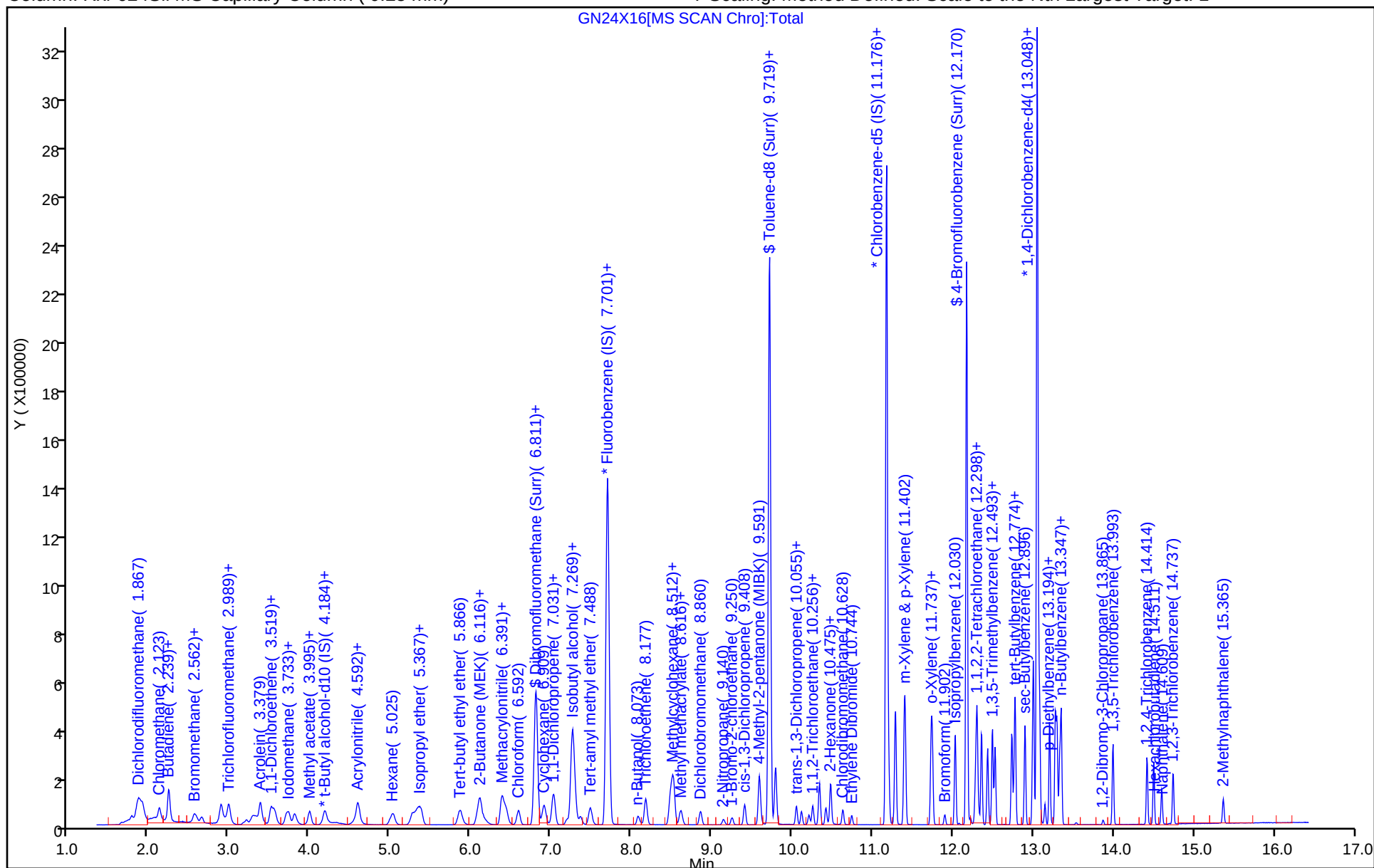
ALS Bottle#: 16

Method: MSV_16334_25mL

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

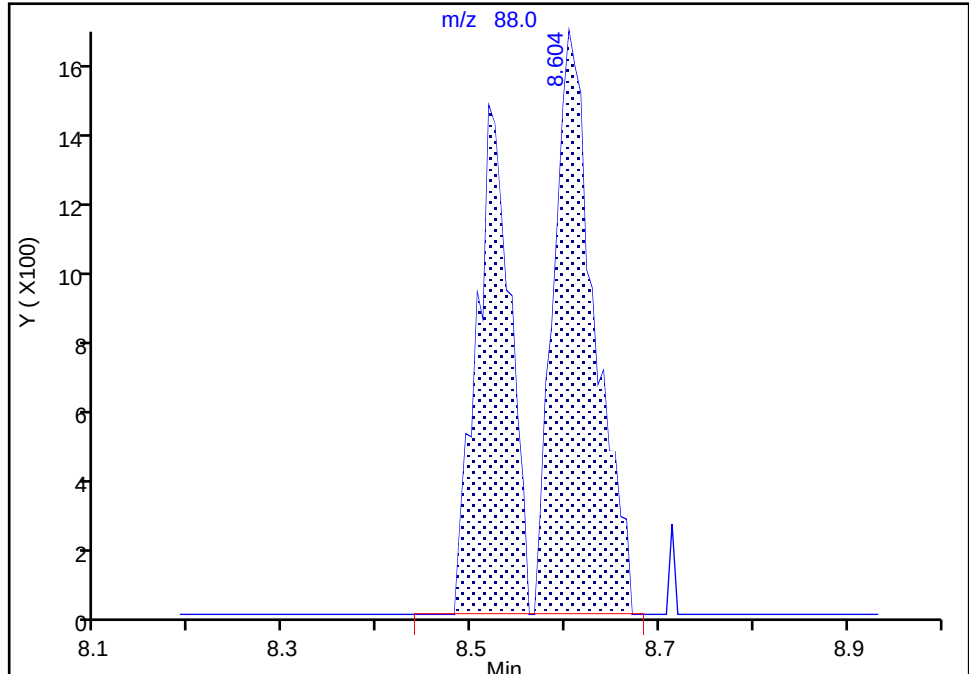
Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X16.D
Injection Date: 25-Nov-2025 02:53:30 Instrument ID: 16334
Lims ID: IC std5
Client ID:
Operator ID: gaw91131 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

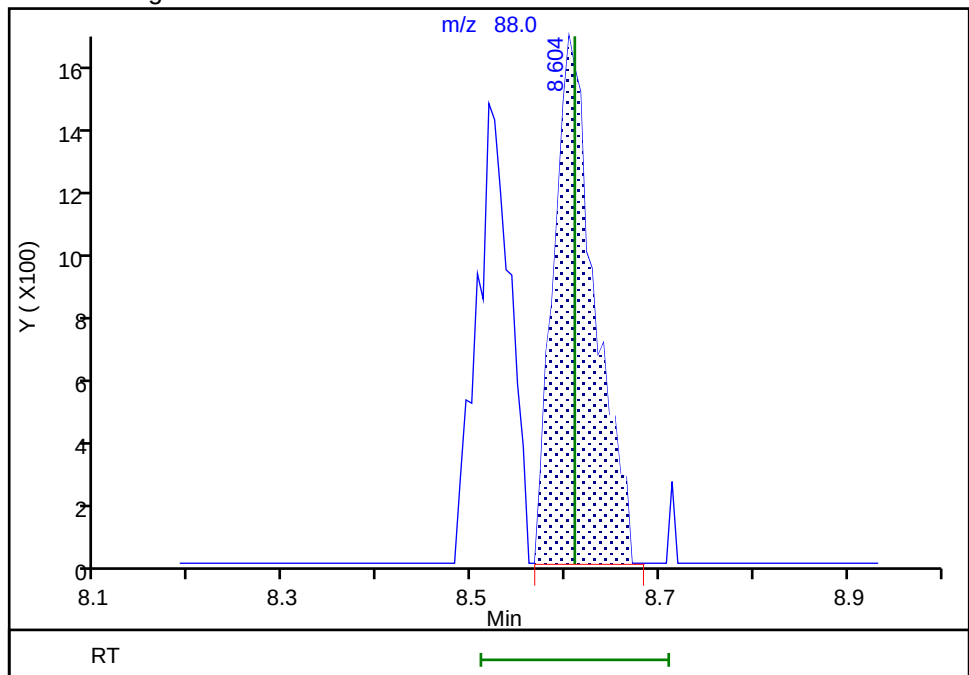
RT: 8.60
Area: 8421
Amount: 57.582515
Amount Units: ug/l

Processing Integration Results



RT: 8.60
Area: 4917
Amount: 48.011661
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:09:40 -05:00:00 (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\16334\20251124-167907.b\GN24X17.D
 Lims ID: IC std6
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 25-Nov-2025 03:15:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0167907-018
 Misc. Info.: IC STD6
 Operator ID: gaw91131 Instrument ID: 16334
 Sublist: chrom-MSV_16334_25mL*sub4
 Method: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 25-Nov-2025 15:45:16 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1704

First Level Reviewer: N7YK

Date: 25-Nov-2025 15:11:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.928	1.928	0.000	99	128083	2.00	1.96	
5 Chloromethane	50	2.129	2.129	0.000	99	114402	2.00	1.80	
7 Butadiene	39	2.245	2.245	0.000	90	98697	2.00	1.95	
6 Vinyl chloride	62	2.245	2.251	-0.006	98	113903	2.00	1.84	
9 Bromomethane	94	2.568	2.568	0.000	90	88134	2.00	1.84	
10 Chloroethane	64	2.654	2.648	0.006	99	64277	2.00	1.88	
11 Dichlorofluoromethane	67	2.898	2.904	-0.006	96	164805	2.00	1.83	
12 Trichlorofluoromethane	101	2.977	2.983	-0.006	98	166271	2.00	1.97	
15 Ethyl ether	59	3.208	3.215	-0.007	89	39988	2.00	1.82	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	3.300	3.288	0.012	88	89825	2.00	1.93	
17 Acrolein	56	3.385	3.385	0.000	100	299635	97.6	86.1	
18 1,1-Dichloroethene	96	3.519	3.519	0.000	95	68967	2.00	1.94	
19 Acetone	43	3.562	3.562	0.000	84	79496	20.0	17.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.562	3.562	0.000	89	72022	2.00	1.96	
21 Iodomethane	142	3.714	3.714	0.000	98	144572	2.00	1.90	
22 Isopropyl alcohol	45	3.727	3.733	-0.006	30	26147	40.0	41.2	
23 Ethyl bromide	108	3.745	3.751	-0.006	98	69061	2.00	1.85	
24 Carbon disulfide	76	3.812	3.812	0.000	98	217327	2.00	1.88	
27 Methyl acetate	43	3.964	3.983	-0.019	93	21096	2.00	1.61	
28 3-Chloro-1-propene	41	4.001	3.995	0.006	90	100782	2.00	1.87	
29 Methylene Chloride	84	4.190	4.184	0.006	88	74226	2.00	1.88	
* 30 t-Butyl alcohol-d10 (IS)	65	4.202	4.208	-0.006	99	79776	50.0	50.0	
31 2-Methyl-2-propanol	59	4.330	4.336	-0.006	98	53263	40.0	38.8	
32 Acrylonitrile	53	4.537	4.544	-0.007	100	27236	5.00	4.57	
33 Methyl tert-butyl ether	73	4.586	4.605	-0.019	93	152963	2.00	1.91	
34 trans-1,2-Dichloroethene	96	4.605	4.605	-0.001	96	83213	2.00	1.89	
35 Hexane	57	5.037	5.037	0.000	90	93941	2.00	1.95	
36 1,1-Dichloroethane	63	5.269	5.275	-0.006	96	129401	2.00	1.87	
38 Isopropyl ether	45	5.336	5.336	0.000	93	208830	2.00	1.89	
39 2-Chloro-1,3-butadiene	53	5.385	5.391	-0.006	90	108744	2.00	1.90	

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	5.873	5.873	0.000	96	196176	2.00	1.89	
42 2-Butanone (MEK)	43	6.080	6.086	-0.006	99	129646	20.0	17.8	
44 cis-1,2-Dichloroethene	96	6.110	6.116	-0.006	78	90683	2.00	1.98	
45 2,2-Dichloropropane	77	6.123	6.123	-0.001	69	113373	2.00	1.89	
S 43 1,2-Dichloroethene, Total	100				0			3.87	
47 Propionitrile	54	6.177	6.177	0.000	99	79274	40.0	36.2	
48 Methacrylonitrile	67	6.391	6.397	-0.006	89	151388	20.0	17.2	
49 Chlorobromomethane	128	6.440	6.440	0.000	85	37893	2.00	1.90	
50 Tetrahydrofuran	71	6.458	6.464	-0.006	69	20384	10.0	8.81	
51 Chloroform	83	6.598	6.598	0.000	92	143054	2.00	1.89	
\$ 52 Dibromofluoromethane (Surr)	113	6.811	6.811	0.000	94	478185	10.0	10.0	
53 1,1,1-Trichloroethane	97	6.830	6.830	0.000	97	126504	2.00	1.90	
54 Cyclohexane	56	6.921	6.915	0.006	88	118841	2.00	1.95	
57 1,1-Dichloropropene	75	7.031	7.031	0.000	97	106228	2.00	1.89	
56 Carbon tetrachloride	117	7.031	7.031	0.000	95	112760	2.00	1.92	
58 Isobutyl alcohol	41	7.208	7.195	0.013	94	42197	100.0	98.3	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.269	7.263	0.006	74	88213	10.0	9.90	
60 Benzene	78	7.293	7.299	-0.006	95	324652	2.00	1.89	
61 1,2-Dichloroethane	62	7.366	7.372	-0.006	97	73122	2.00	1.90	
63 Tert-amyl methyl ether	73	7.494	7.488	0.006	99	170067	2.00	1.93	
* 64 Fluorobenzene (IS)	96	7.701	7.708	-0.007	99	1973756	10.0	10.0	
65 n-Heptane	43	7.714	7.708	0.006	87	90382	2.00	1.90	
67 n-Butanol	56	8.086	8.092	-0.006	88	72536	175.0	169.5	
68 Trichloroethene	95	8.177	8.183	-0.006	97	93716	2.00	2.05	
69 Methylcyclohexane	83	8.488	8.488	0.000	90	140794	2.00	1.95	
70 1,2-Dichloropropane	63	8.518	8.512	0.006	94	75297	2.00	1.90	
71 2-ethoxy-2-methyl butane	87	8.524	8.531	-0.007	96	120393	2.00	1.91	
73 Methyl methacrylate	69	8.604	8.598	0.006	86	28263	2.00	1.70	
72 1,4-Dioxane	88	8.604	8.610	-0.006	37	12342	100.0	103.0	M
74 Dibromomethane	93	8.622	8.622	0.000	91	35904	2.00	1.94	
76 Dichlorobromomethane	83	8.860	8.860	0.000	99	95588	2.00	1.89	
78 2-Nitropropane	41	9.140	9.146	-0.006	99	34979	10.0	8.37	
80 1-Bromo-2-chloroethane	63	9.250	9.250	0.000	98	62594	2.00	1.86	
81 cis-1,3-Dichloropropene	75	9.408	9.408	0.000	97	111635	2.00	1.90	
82 4-Methyl-2-pentanone (MIBK)	43	9.591	9.591	0.000	95	317642	20.0	17.6	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.719	0.000	92	1939591	10.0	10.0	
84 Toluene	92	9.793	9.793	0.000	98	218178	2.00	1.89	
105 trans-1,3-Dichloropropene	75	10.055	10.055	0.000	91	87255	2.00	1.90	
S 104 1,3-Dichloropropene, Total	100				0			3.80	
106 Ethyl methacrylate	69	10.116	10.116	0.000	87	61629	2.00	1.89	
107 1,1,2-Trichloroethane	97	10.256	10.256	0.000	89	51429	2.00	1.90	
108 Tetrachloroethene	166	10.341	10.341	0.000	97	107893	2.00	1.88	
109 1,3-Dichloropropane	76	10.420	10.420	0.000	88	84920	2.00	1.93	
110 2-Hexanone	43	10.475	10.475	0.000	95	215672	20.0	17.4	
112 Chlorodibromomethane	129	10.628	10.634	-0.006	88	67175	2.00	1.88	
113 Ethylene Dibromide	107	10.737	10.744	-0.007	98	49163	2.00	1.90	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.176	-0.006	83	1503214	10.0	10.0	
115 1-Chlorohexane	91	11.182	11.183	0.000	94	117816	2.00	1.83	
116 Chlorobenzene	112	11.201	11.201	0.000	97	249834	2.00	1.90	
S 117 Xylenes, Total	106				0			5.68	
118 1,1,1,2-Tetrachloroethane	131	11.280	11.280	0.000	96	83480	2.00	1.88	
119 Ethylbenzene	91	11.286	11.286	0.000	98	423314	2.00	1.90	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
120 m-Xylene & p-Xylene	106	11.402	11.396	0.006	100	336302	4.00	3.79	
121 o-Xylene	106	11.731	11.731	0.000	96	165127	2.00	1.89	
122 Styrene	104	11.743	11.743	0.000	94	268791	2.00	1.89	
123 Bromoform	173	11.902	11.902	0.000	98	36195	2.00	1.84	
124 Isopropylbenzene	105	12.030	12.030	0.000	95	431910	2.00	1.90	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	95	697459	10.0	10.0	
128 1,1,2,2-Tetrachloroethane	83	12.274	12.274	0.000	93	55817	2.00	1.92	
129 Bromobenzene	156	12.286	12.286	0.000	96	106740	2.00	1.89	
130 trans-1,4-Dichloro-2-butene	53	12.298	12.298	0.000	92	132005	20.0	17.4	
131 1,2,3-Trichloropropane	110	12.316	12.316	0.000	82	16278	2.00	1.91	
132 N-Propylbenzene	91	12.359	12.353	0.006	99	499567	2.00	1.89	
133 2-Chlorotoluene	126	12.432	12.432	0.000	97	107986	2.00	1.90	
134 1,3,5-Trimethylbenzene	105	12.493	12.493	0.000	94	366307	2.00	1.88	
135 4-Chlorotoluene	126	12.524	12.524	0.000	96	112021	2.00	1.89	
136 tert-Butylbenzene	134	12.737	12.731	0.006	93	80733	2.00	1.83	
137 Pentachloroethane	167	12.768	12.768	0.000	92	58126	2.00	1.80	
138 1,2,4-Trimethylbenzene	105	12.774	12.774	0.000	96	385299	2.00	1.89	
139 sec-Butylbenzene	105	12.896	12.896	0.000	94	466373	2.00	1.87	
140 1,3-Dichlorobenzene	146	12.993	12.993	0.000	98	222219	2.00	1.89	
141 4-Isopropyltoluene	119	13.005	13.005	0.000	97	420509	2.00	1.89	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	93	822367	10.0	10.0	
143 1,4-Dichlorobenzene	146	13.066	13.066	0.000	97	214301	2.00	1.87	
144 1,2,3-Trimethylbenzene	120	13.078	13.078	0.000	98	164163	2.00	1.89	
145 Benzyl chloride	126	13.146	13.146	0.000	98	22516	2.00	1.90	
146 p-Diethylbenzene	119	13.200	13.200	0.000	92	235103	2.00	1.88	
147 n-Butylbenzene	92	13.292	13.292	0.000	97	204149	2.00	1.90	
148 1,2-Dichlorobenzene	146	13.328	13.328	0.000	99	190366	2.00	1.91	
150 1,2-Dibromo-3-Chloropropane	155	13.871	13.871	0.000	89	8550	2.00	1.73	
151 1,3,5-Trichlorobenzene	180	13.993	13.993	0.000	98	183983	2.00	1.90	
152 1,2,4-Trichlorobenzene	180	14.414	14.414	0.000	94	152559	2.00	1.92	
153 Hexachlorobutadiene	225	14.499	14.499	0.000	96	81197	2.00	1.87	
154 Naphthalene	128	14.596	14.596	0.000	97	200517	2.00	1.92	
155 1,2,3-Trichlorobenzene	180	14.743	14.743	0.000	96	115902	2.00	1.92	
156 2-Methylnaphthalene	142	15.365	15.365	0.000	92	94319	2.00	1.87	
183 Pentane	43	2.995	3.001	-0.006	96	95532	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#1_826_00185	Amount Added: 2.00	Units: uL	
MSV_LL_#2_826_00200	Amount Added: 2.00	Units: uL	
MSV_LL_GAS826_00299	Amount Added: 2.00	Units: uL	
MSV_29_826ISS_00063	Amount Added: 1.20	Units: uL	Run Reagent

Report Date: 25-Nov-2025 15:45:16

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X17.D

Injection Date: 25-Nov-2025 03:15:30

Instrument ID: 16334

Operator ID: gaw91131

Lims ID: IC std6

Worklist Smp#: 18

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

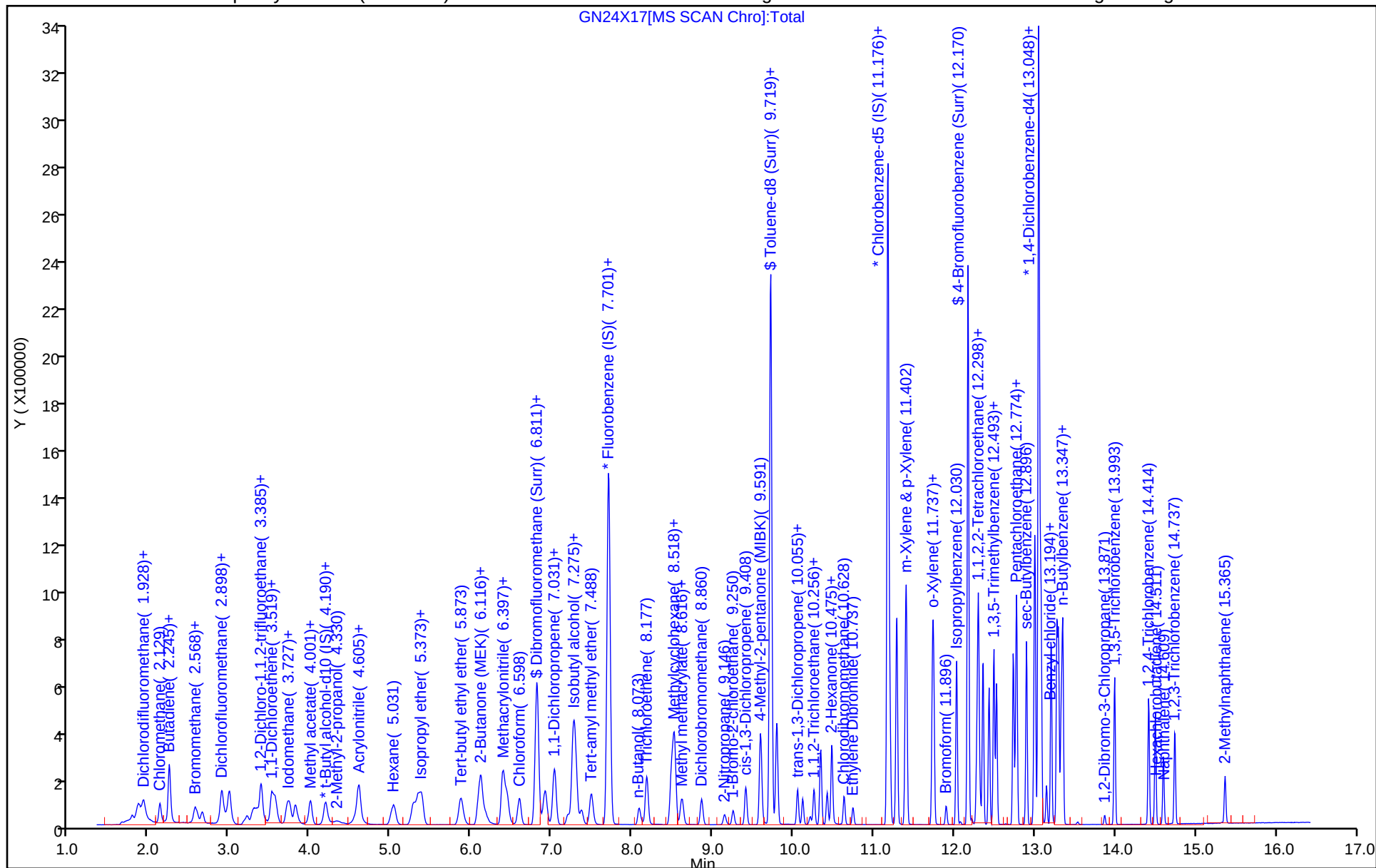
ALS Bottle#: 17

Method: MSV_16334_25mL

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

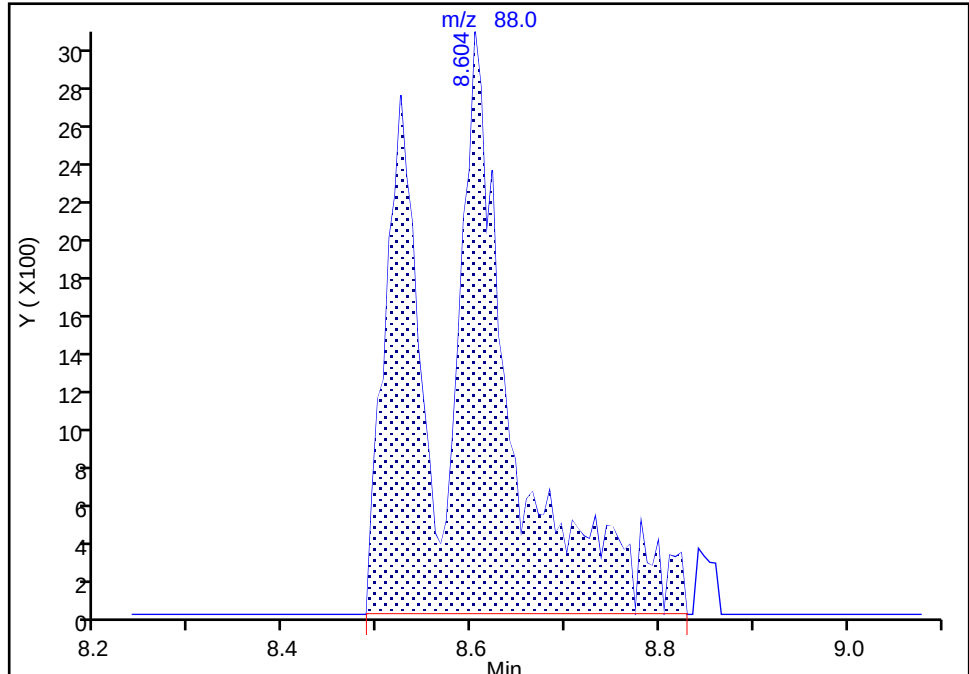
Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X17.D
Injection Date: 25-Nov-2025 03:15:30 Instrument ID: 16334
Lims ID: IC std6
Client ID:
Operator ID: gaw91131 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

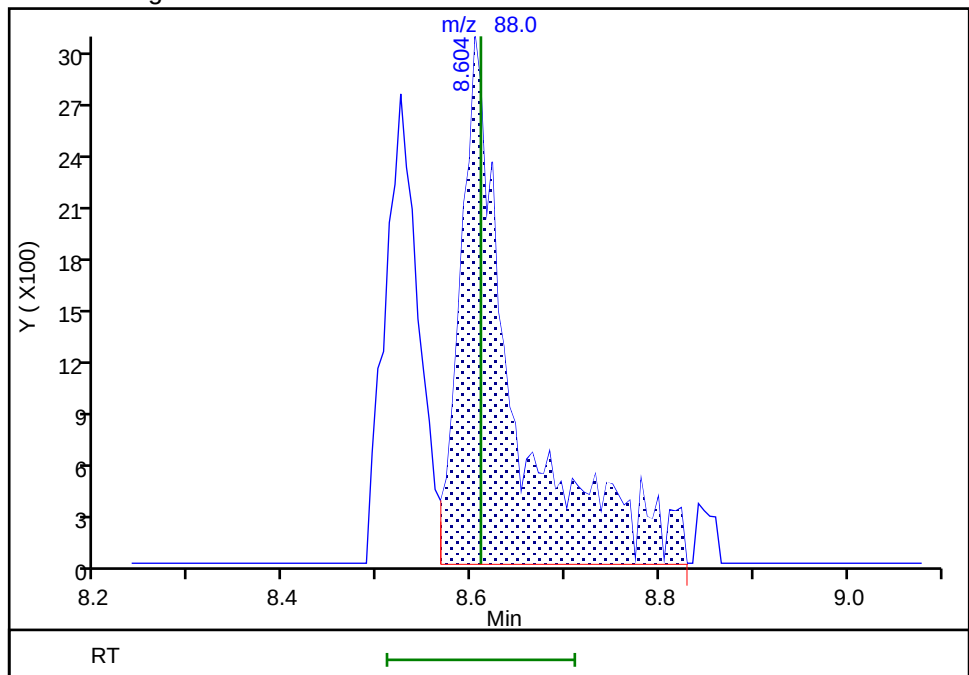
RT: 8.60
Area: 18965
Amount: 120.5015
Amount Units: ug/l

Processing Integration Results



RT: 8.60
Area: 12342
Amount: 103.0375
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:10:46 -05:00:00 (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\16334\20251124-167907.b\GN24X18.D
 Lims ID: IC std7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 25-Nov-2025 03:37:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0167907-019
 Misc. Info.: IC STD7
 Operator ID: gaw91131 Instrument ID: 16334
 Sublist: chrom-MSV_16334_25mL*sub4
 Method: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 25-Nov-2025 15:45:31 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1704

First Level Reviewer: N7YK

Date: 25-Nov-2025 15:12:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.928	1.928	0.000	99	349914	5.00	5.44	
5 Chloromethane	50	2.129	2.129	0.000	99	312857	5.00	4.99	
7 Butadiene	39	2.251	2.245	0.006	91	259656	5.00	5.23	
6 Vinyl chloride	62	2.251	2.251	0.000	98	313550	5.00	5.14	
9 Bromomethane	94	2.568	2.568	0.000	90	239030	5.00	5.08	
10 Chloroethane	64	2.660	2.648	0.012	99	173537	5.00	5.16	
11 Dichlorofluoromethane	67	2.904	2.904	0.000	96	439322	5.00	4.97	
12 Trichlorofluoromethane	101	2.983	2.983	0.000	98	441408	5.00	5.30	
15 Ethyl ether	59	3.215	3.215	0.000	91	112240	5.00	5.18	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	3.300	3.288	0.012	91	247181	5.00	5.41	
17 Acrolein	56	3.391	3.385	0.006	100	778329	244.0	239.5	
18 1,1-Dichloroethene	96	3.526	3.519	0.007	95	183986	5.00	5.26	
19 Acetone	43	3.562	3.562	0.000	77	193205	50.0	44.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.568	3.562	0.006	90	202471	5.00	5.62	
21 Iodomethane	142	3.715	3.714	0.000	98	388813	5.00	5.21	
22 Isopropyl alcohol	45	3.702	3.733	-0.031	29	64556	100.0	103.4	
23 Ethyl bromide	108	3.745	3.751	-0.006	98	191612	5.00	5.22	
24 Carbon disulfide	76	3.818	3.812	0.006	99	598115	5.00	5.26	
27 Methyl acetate	43	3.971	3.983	-0.012	96	54325	5.00	4.45	
28 3-Chloro-1-propene	41	4.001	3.995	0.006	90	269258	5.00	5.09	
29 Methylene Chloride	84	4.190	4.184	0.006	86	198055	5.00	5.09	
* 30 t-Butyl alcohol-d10 (IS)	65	4.221	4.208	0.012	98	74483	50.0	50.0	
31 2-Methyl-2-propanol	59	4.342	4.336	0.006	99	125224	100.0	97.6	
32 Acrylonitrile	53	4.538	4.544	-0.006	96	71311	12.5	12.8	
33 Methyl tert-butyl ether	73	4.598	4.605	-0.007	82	406290	5.00	5.16	
34 trans-1,2-Dichloroethene	96	4.605	4.605	0.000	96	224901	5.00	5.19	
35 Hexane	57	5.037	5.037	0.000	90	263849	5.00	5.56	
36 1,1-Dichloroethane	63	5.275	5.275	0.000	96	356999	5.00	5.24	
38 Isopropyl ether	45	5.336	5.336	0.000	93	571613	5.00	5.26	
39 2-Chloro-1,3-butadiene	53	5.385	5.391	-0.006	89	298799	5.00	5.30	

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	5.873	5.873	0.000	97	532064	5.00	5.22	
42 2-Butanone (MEK)	43	6.086	6.086	0.000	99	338854	50.0	49.7	
44 cis-1,2-Dichloroethene	96	6.116	6.116	0.000	79	245414	5.00	5.44	
45 2,2-Dichloropropane	77	6.135	6.123	0.012	85	310664	5.00	5.28	
S 43 1,2-Dichloroethene, Total	100				0			10.6	
47 Propionitrile	54	6.184	6.177	0.007	99	198460	100.0	97.2	
48 Methacrylonitrile	67	6.397	6.397	0.000	89	405719	50.0	49.4	
49 Chlorobromomethane	128	6.440	6.440	0.000	84	101683	5.00	5.20	
50 Tetrahydrofuran	71	6.458	6.464	-0.006	69	51779	25.0	24.0	
51 Chloroform	83	6.598	6.598	0.000	92	382132	5.00	5.15	
\$ 52 Dibromofluoromethane (Surr)	113	6.811	6.811	0.000	94	471996	10.0	10.1	
53 1,1,1-Trichloroethane	97	6.824	6.830	-0.006	97	342859	5.00	5.23	
54 Cyclohexane	56	6.921	6.915	0.006	87	331243	5.00	5.53	
57 1,1-Dichloropropene	75	7.037	7.031	0.006	97	291180	5.00	5.28	
56 Carbon tetrachloride	117	7.031	7.031	0.000	96	310743	5.00	5.37	
58 Isobutyl alcohol	41	7.202	7.195	0.007	94	108685	250.0	257.6	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.263	0.000	89	88497	10.0	10.1	
60 Benzene	78	7.293	7.299	-0.006	96	871092	5.00	5.16	
61 1,2-Dichloroethane	62	7.366	7.372	-0.006	98	194290	5.00	5.12	
63 Tert-amyl methyl ether	73	7.494	7.488	0.006	99	450988	5.00	5.20	
* 64 Fluorobenzene (IS)	96	7.702	7.708	-0.006	99	1940924	10.0	10.0	
65 n-Heptane	43	7.714	7.708	0.006	91	252696	5.00	5.41	
67 n-Butanol	56	8.086	8.092	-0.006	86	170497	437.5	426.6	
68 Trichloroethene	95	8.177	8.183	-0.006	96	245282	5.00	5.46	
69 Methylcyclohexane	83	8.488	8.488	0.000	89	393755	5.00	5.56	
70 1,2-Dichloropropane	63	8.518	8.512	0.006	96	199645	5.00	5.13	
71 2-ethoxy-2-methyl butane	87	8.531	8.531	0.000	95	326123	5.00	5.26	
73 Methyl methacrylate	69	8.604	8.598	0.006	84	77897	5.00	5.02	
72 1,4-Dioxane	88	8.610	8.610	0.000	35	31271	250.0	279.6	M
74 Dibromomethane	93	8.622	8.622	0.000	93	94878	5.00	5.22	
76 Dichlorobromomethane	83	8.860	8.860	0.000	99	260976	5.00	5.25	
78 2-Nitropropane	41	9.146	9.146	0.000	98	97352	25.0	25.0	
80 1-Bromo-2-chloroethane	63	9.256	9.250	0.006	98	173504	5.00	5.24	
81 cis-1,3-Dichloropropene	75	9.409	9.408	0.000	97	308147	5.00	5.33	
82 4-Methyl-2-pentanone (MIBK)	43	9.591	9.591	0.000	95	842610	50.0	49.9	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.719	0.000	93	1906238	10.0	9.95	
84 Toluene	92	9.793	9.793	0.000	98	585427	5.00	5.12	
105 trans-1,3-Dichloropropene	75	10.055	10.055	0.000	91	239954	5.00	5.27	
S 104 1,3-Dichloropropene, Total	100				0			10.6	
106 Ethyl methacrylate	69	10.116	10.116	0.000	87	167789	5.00	5.21	
107 1,1,2-Trichloroethane	97	10.256	10.256	0.000	90	137792	5.00	5.14	
108 Tetrachloroethene	166	10.341	10.341	0.000	97	291687	5.00	5.15	
109 1,3-Dichloropropane	76	10.421	10.420	0.000	88	225573	5.00	5.17	
110 2-Hexanone	43	10.475	10.475	0.000	95	585833	50.0	50.5	
112 Chlorodibromomethane	129	10.634	10.634	0.000	90	185712	5.00	5.26	
113 Ethylene Dibromide	107	10.744	10.744	0.000	98	133133	5.00	5.19	
* 114 Chlorobenzene-d5 (IS)	117	11.176	11.176	0.000	83	1488161	10.0	10.0	
115 1-Chlorohexane	91	11.183	11.183	0.001	94	318017	5.00	4.99	
116 Chlorobenzene	112	11.201	11.201	0.000	97	670881	5.00	5.15	
S 117 Xylenes, Total	106				0			15.5	
118 1,1,1,2-Tetrachloroethane	131	11.280	11.280	0.000	95	229869	5.00	5.24	
119 Ethylbenzene	91	11.286	11.286	0.000	98	1136254	5.00	5.15	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
120 m-Xylene & p-Xylene	106	11.402	11.396	0.006	100	907923	10.0	10.3	
121 o-Xylene	106	11.731	11.731	0.000	96	449317	5.00	5.18	
122 Styrene	104	11.743	11.743	0.000	94	739112	5.00	5.26	
123 Bromoform	173	11.902	11.902	0.000	98	101621	5.00	5.23	
124 Isopropylbenzene	105	12.030	12.030	0.000	95	1170935	5.00	5.20	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	94	691518	10.0	10.0	
128 1,1,2,2-Tetrachloroethane	83	12.274	12.274	0.000	93	148297	5.00	5.21	
129 Bromobenzene	156	12.286	12.286	0.000	97	287159	5.00	5.20	
130 trans-1,4-Dichloro-2-butene	53	12.298	12.298	0.000	91	357653	50.0	50.4	
131 1,2,3-Trichloropropane	110	12.323	12.316	0.007	82	42542	5.00	5.10	
132 N-Propylbenzene	91	12.359	12.353	0.006	99	1352172	5.00	5.23	
133 2-Chlorotoluene	126	12.432	12.432	0.000	97	287508	5.00	5.16	
134 1,3,5-Trimethylbenzene	105	12.493	12.493	0.000	94	990766	5.00	5.19	
135 4-Chlorotoluene	126	12.524	12.524	0.000	97	298871	5.00	5.15	
136 tert-Butylbenzene	134	12.737	12.731	0.006	92	227000	5.00	5.25	
137 Pentachloroethane	167	12.768	12.768	0.000	93	167830	5.00	5.31	
138 1,2,4-Trimethylbenzene	105	12.774	12.774	0.000	96	1034176	5.00	5.18	
139 sec-Butylbenzene	105	12.896	12.896	0.000	94	1277998	5.00	5.25	
140 1,3-Dichlorobenzene	146	12.993	12.993	0.000	98	585952	5.00	5.11	
141 4-Isopropyltoluene	119	13.005	13.005	0.000	97	1153330	5.00	5.29	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	93	804625	10.0	10.0	
143 1,4-Dichlorobenzene	146	13.066	13.066	0.000	95	577841	5.00	5.14	
144 1,2,3-Trimethylbenzene	120	13.079	13.078	0.001	98	438337	5.00	5.16	
145 Benzyl chloride	126	13.146	13.146	0.000	98	62925	5.00	5.43	
146 p-Diethylbenzene	119	13.200	13.200	0.000	92	640405	5.00	5.24	
147 n-Butylbenzene	92	13.292	13.292	0.000	97	550172	5.00	5.24	
148 1,2-Dichlorobenzene	146	13.328	13.328	0.000	99	502767	5.00	5.15	
150 1,2-Dibromo-3-Chloropropane	155	13.871	13.871	0.000	91	22944	5.00	4.98	
151 1,3,5-Trichlorobenzene	180	13.993	13.993	0.000	98	492663	5.00	5.20	
152 1,2,4-Trichlorobenzene	180	14.414	14.414	0.000	94	404155	5.00	5.19	
153 Hexachlorobutadiene	225	14.499	14.499	0.000	96	222568	5.00	5.23	
154 Naphthalene	128	14.597	14.596	0.001	96	546027	5.00	5.34	
155 1,2,3-Trichlorobenzene	180	14.743	14.743	0.000	96	308891	5.00	5.22	
156 2-Methylnaphthalene	142	15.365	15.365	0.000	92	263925	5.00	5.34	
183 Pentane	43	3.001	3.001	0.000	96	265492	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#1_826_00185

Amount Added: 5.00

Units: uL

MSV_LL_#2_826_00200

Amount Added: 5.00

Units: uL

MSV_LL_GAS826_00299

Amount Added: 5.00

Units: uL

MSV_29_826ISS_00063

Amount Added: 1.20

Units: uL

Run Reagent

Report Date: 25-Nov-2025 15:45:32

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X18.D

Injection Date: 25-Nov-2025 03:37:30

Instrument ID: 16334

Operator ID: gaw91131

Lims ID: IC std7

Worklist Smp#: 19

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

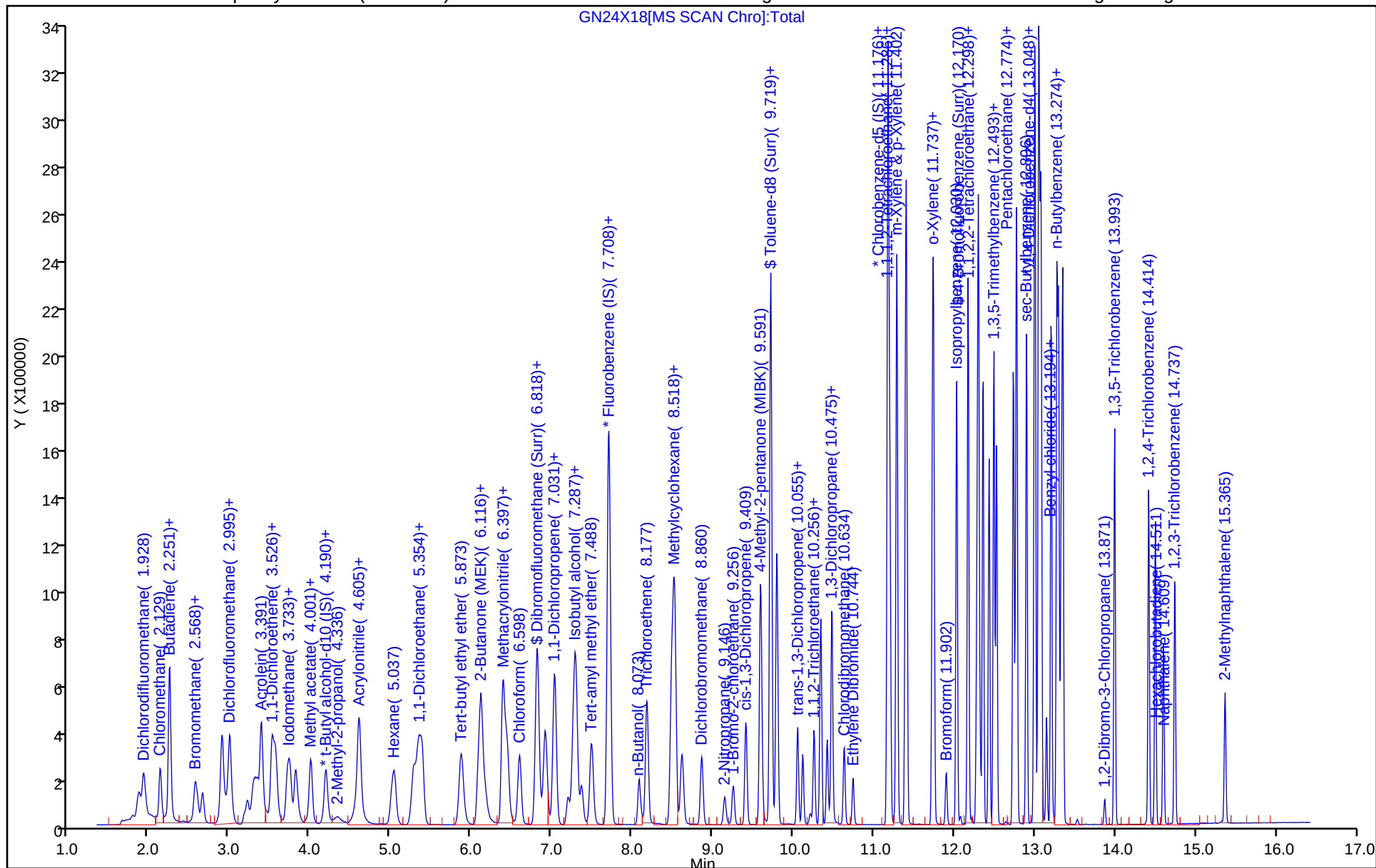
ALS Bottle#: 18

Method: MSV_16334_25mL

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

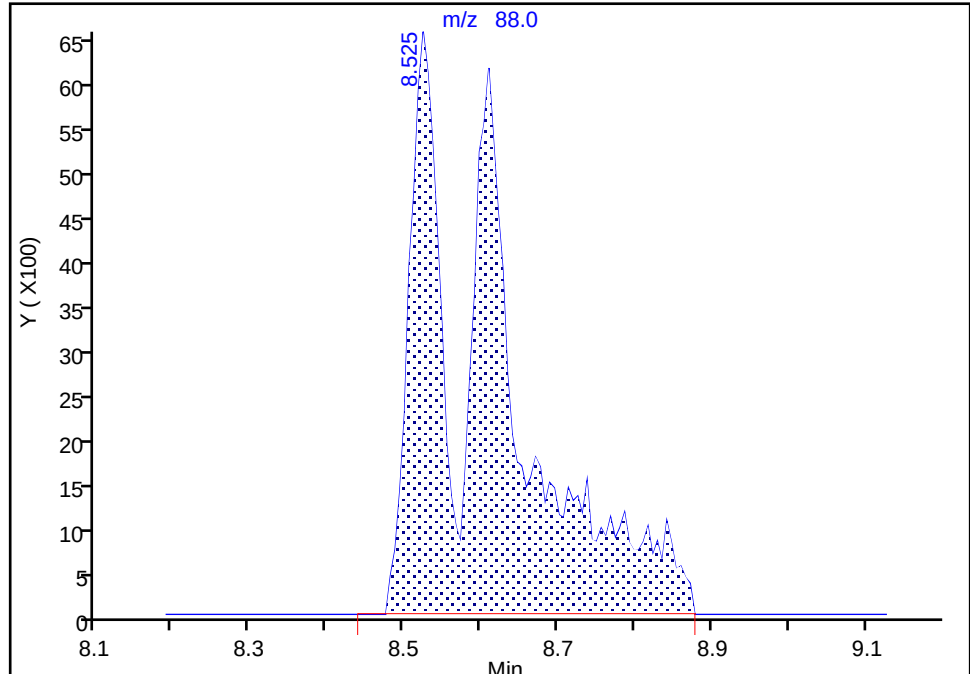
Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X18.D
Injection Date: 25-Nov-2025 03:37:30 Instrument ID: 16334
Lims ID: IC std7
Client ID:
Operator ID: gaw91131 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

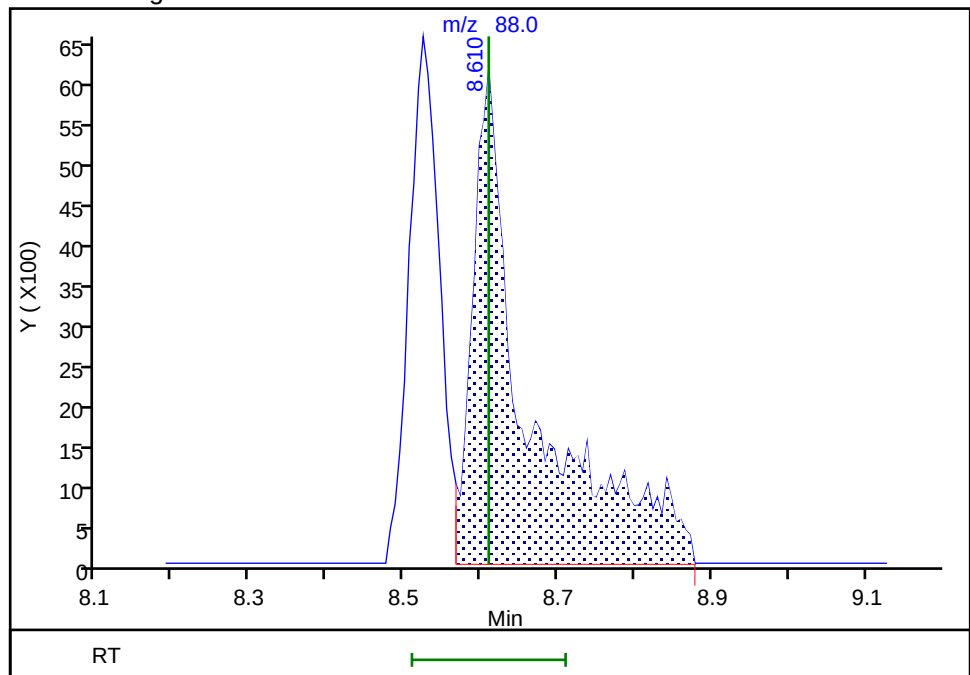
RT: 8.52
Area: 48924
Amount: 358.0613
Amount Units: ug/l

Processing Integration Results



RT: 8.61
Area: 31271
Amount: 279.6189
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:12:01 -05:00:00 (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\16334\20251124-167907.b\GN24X19.D
 Lims ID: ICIS std8
 Client ID:
 Sample Type: ICIS Calib Level: 8
 Inject. Date: 25-Nov-2025 03:59:30 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0167907-020
 Misc. Info.: ICIS STD8
 Operator ID: gaw91131 Instrument ID: 16334
 Sublist: chrom-MSV_16334_25mL*sub4
 Method: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 25-Nov-2025 15:43:46 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1704

First Level Reviewer: N7YK

Date: 25-Nov-2025 15:43:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.922	1.922	0.000	99	675090	10.0	10.5	
5 Chloromethane	50	2.123	2.123	0.000	99	583711	10.0	9.33	
7 Butadiene	39	2.239	2.239	0.000	89	495735	10.0	10.0	
6 Vinyl chloride	62	2.245	2.245	0.000	97	610173	10.0	10.0	
9 Bromomethane	94	2.562	2.562	0.000	90	470875	10.0	10.0	
10 Chloroethane	64	2.654	2.654	0.000	99	338911	10.0	10.1	
11 Dichlorofluoromethane	67	2.891	2.891	0.000	96	859589	10.0	9.74	
12 Trichlorofluoromethane	101	2.977	2.977	0.000	98	862686	10.0	10.4	
15 Ethyl ether	59	3.208	3.208	0.000	88	224581	10.0	10.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	3.300	3.300	0.000	88	480141	10.0	10.5	
17 Acrolein	56	3.379	3.379	0.000	100	1535656	487.9	475.4	
18 1,1-Dichloroethene	96	3.513	3.513	0.000	95	360888	10.0	10.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.556	3.556	0.000	90	394206	10.0	11.0	
19 Acetone	43	3.556	3.556	0.000	98	372411	100.0	86.9	
21 Iodomethane	142	3.708	3.708	0.000	98	767098	10.0	10.3	
22 Isopropyl alcohol	45	3.721	3.721	0.000	31	131753	200.0	211.3	
23 Ethyl bromide	108	3.739	3.739	0.000	98	376622	10.0	10.3	
24 Carbon disulfide	76	3.806	3.806	0.000	98	1179998	10.0	10.4	
27 Methyl acetate	43	3.971	3.971	0.000	96	101162	10.0	8.33	M
28 3-Chloro-1-propene	41	3.995	3.995	0.000	90	526343	10.0	9.96	
29 Methylene Chloride	84	4.184	4.184	0.000	86	387720	10.0	9.99	
* 30 t-Butyl alcohol-d10 (IS)	65	4.208	4.208	0.000	97	74044	50.0	50.0	
31 2-Methyl-2-propanol	59	4.336	4.336	0.000	99	244868	200.0	192.1	
32 Acrylonitrile	53	4.537	4.537	0.000	96	142937	25.0	25.8	
33 Methyl tert-butyl ether	73	4.592	4.592	0.000	94	801314	10.0	10.2	
34 trans-1,2-Dichloroethene	96	4.598	4.598	0.000	96	444037	10.0	10.3	
35 Hexane	57	5.025	5.025	0.000	90	506183	10.0	10.7	
36 1,1-Dichloroethane	63	5.269	5.269	0.000	96	695892	10.0	10.2	
38 Isopropyl ether	45	5.330	5.330	0.000	93	1117775	10.0	10.3	
39 2-Chloro-1,3-butadiene	53	5.379	5.379	0.000	90	588315	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	5.867	5.867	0.000	97	1048421	10.0	10.3	
42 2-Butanone (MEK)	43	6.080	6.080	0.000	99	650556	100.0	96.0	
44 cis-1,2-Dichloroethene	96	6.110	6.110	0.000	82	482996	10.0	10.7	
45 2,2-Dichloropropane	77	6.129	6.129	0.000	87	608412	10.0	10.4	
47 Propionitrile	54	6.177	6.177	0.000	99	404410	200.0	199.2	
48 Methacrylonitrile	67	6.391	6.391	0.000	89	793339	100.0	97.3	
49 Chlorobromomethane	128	6.440	6.440	0.000	86	201894	10.0	10.3	
50 Tetrahydrofuran	71	6.452	6.452	0.000	72	106119	50.0	49.4	
51 Chloroform	83	6.592	6.592	0.000	92	749283	10.0	10.1	
\$ 52 Dibromofluoromethane (Surr)	113	6.811	6.811	0.000	94	470865	10.0	10.0	
53 1,1,1-Trichloroethane	97	6.824	6.824	0.000	97	677320	10.0	10.3	
54 Cyclohexane	56	6.915	6.915	0.000	87	643520	10.0	10.8	
57 1,1-Dichloropropene	75	7.031	7.031	0.000	98	571204	10.0	10.4	
56 Carbon tetrachloride	117	7.031	7.031	0.000	96	613311	10.0	10.6	
58 Isobutyl alcohol	41	7.202	7.202	0.000	96	199804	500.0	474.4	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.263	0.000	98	87475	10.0	10.0	
60 Benzene	78	7.293	7.293	0.000	96	1706643	10.0	10.1	
61 1,2-Dichloroethane	62	7.366	7.366	0.000	98	380124	10.0	10.0	
63 Tert-amyl methyl ether	73	7.488	7.488	0.000	99	893238	10.0	10.3	
* 64 Fluorobenzene (IS)	96	7.702	7.702	0.000	99	1937525	10.0	10.0	
65 n-Heptane	43	7.714	7.714	0.000	89	480404	10.0	10.3	
67 n-Butanol	56	8.079	8.079	0.000	86	370407	875.0	932.4	
68 Trichloroethene	95	8.177	8.177	0.000	96	485303	10.0	10.8	
69 Methylcyclohexane	83	8.488	8.488	0.000	91	763630	10.0	10.8	
70 1,2-Dichloropropane	63	8.512	8.512	0.000	87	396000	10.0	10.2	
71 2-ethoxy-2-methyl butane	87	8.525	8.525	0.000	95	647085	10.0	10.4	
72 1,4-Dioxane	88	8.604	8.604	0.000	34	58030	500.0	522.0	M
73 Methyl methacrylate	69	8.604	8.604	0.000	85	154347	10.0	10.0	
74 Dibromomethane	93	8.622	8.622	0.000	93	188524	10.0	10.4	
76 Dichlorobromomethane	83	8.860	8.860	0.000	99	524685	10.0	10.6	
78 2-Nitropropane	41	9.146	9.146	0.000	98	196955	50.0	50.8	
80 1-Bromo-2-chloroethane	63	9.250	9.250	0.000	98	347750	10.0	10.5	
81 cis-1,3-Dichloropropene	75	9.408	9.408	0.000	97	616483	10.0	10.7	
82 4-Methyl-2-pentanone (MIBK)	43	9.591	9.591	0.000	95	1673706	100.0	99.7	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.719	0.000	92	1903615	10.0	9.93	
84 Toluene	92	9.793	9.793	0.000	98	1151662	10.0	10.1	
105 trans-1,3-Dichloropropene	75	10.055	10.055	0.000	90	490387	10.0	10.8	
106 Ethyl methacrylate	69	10.116	10.116	0.000	87	338309	10.0	10.5	
107 1,1,2-Trichloroethane	97	10.256	10.256	0.000	89	270568	10.0	10.1	
108 Tetrachloroethene	166	10.341	10.341	0.000	97	573924	10.0	10.1	
109 1,3-Dichloropropane	76	10.420	10.420	0.000	87	443708	10.0	10.2	
110 2-Hexanone	43	10.475	10.475	0.000	95	1152752	100.0	99.9	
112 Chlorodibromomethane	129	10.634	10.634	0.000	89	372180	10.0	10.5	
113 Ethylene Dibromide	107	10.744	10.744	0.000	99	265277	10.0	10.3	
* 114 Chlorobenzene-d5 (IS)	117	11.176	11.176	0.000	84	1489962	10.0	10.0	
115 1-Chlorohexane	91	11.183	11.183	0.000	93	627955	10.0	9.84	
116 Chlorobenzene	112	11.201	11.201	0.000	97	1328630	10.0	10.2	
118 1,1,1,2-Tetrachloroethane	131	11.280	11.280	0.000	96	460376	10.0	10.5	
119 Ethylbenzene	91	11.286	11.286	0.000	98	2230000	10.0	10.1	
120 m-Xylene & p-Xylene	106	11.402	11.402	0.000	100	1790551	20.0	20.4	
121 o-Xylene	106	11.731	11.731	0.000	96	880091	10.0	10.1	
122 Styrene	104	11.743	11.743	0.000	95	1458690	10.0	10.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
123 Bromoform	173	11.902	11.902	0.000	98	206330	10.0	10.6	
124 Isopropylbenzene	105	12.030	12.030	0.000	95	2299446	10.0	10.2	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	94	679669	10.0	9.85	
128 1,1,2,2-Tetrachloroethane	83	12.274	12.274	0.000	92	300179	10.0	10.6	
129 Bromobenzene	156	12.286	12.286	0.000	97	563524	10.0	10.3	
130 trans-1,4-Dichloro-2-butene	53	12.298	12.298	0.000	90	715036	100.0	101.4	
131 1,2,3-Trichloropropane	110	12.323	12.323	0.000	82	83894	10.0	10.1	
132 N-Propylbenzene	91	12.359	12.359	0.000	99	2610471	10.0	10.2	
133 2-Chlorotoluene	126	12.432	12.432	0.000	97	564643	10.0	10.2	
134 1,3,5-Trimethylbenzene	105	12.493	12.493	0.000	94	1952253	10.0	10.3	
135 4-Chlorotoluene	126	12.524	12.524	0.000	96	579902	10.0	10.1	
136 tert-Butylbenzene	134	12.737	12.737	0.000	92	441415	10.0	10.3	
137 Pentachloroethane	167	12.768	12.768	0.000	94	337244	10.0	10.8	
138 1,2,4-Trimethylbenzene	105	12.774	12.774	0.000	96	2022769	10.0	10.2	
139 sec-Butylbenzene	105	12.896	12.896	0.000	94	2494684	10.0	10.3	
140 1,3-Dichlorobenzene	146	12.993	12.993	0.000	98	1146145	10.0	10.1	
141 4-Isopropyltoluene	119	13.005	13.005	0.000	97	2224904	10.0	10.3	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	93	797917	10.0	10.0	
143 1,4-Dichlorobenzene	146	13.066	13.066	0.000	95	1116483	10.0	10.0	
144 1,2,3-Trimethylbenzene	120	13.079	13.079	0.000	98	842760	10.0	10.0	
145 Benzyl chloride	126	13.146	13.146	0.000	98	130236	10.0	11.3	
146 p-Diethylbenzene	119	13.200	13.200	0.000	92	1248501	10.0	10.3	
147 n-Butylbenzene	92	13.292	13.292	0.000	96	1057304	10.0	10.2	
148 1,2-Dichlorobenzene	146	13.328	13.328	0.000	99	984660	10.0	10.2	
150 1,2-Dibromo-3-Chloropropane	155	13.871	13.871	0.000	92	47850	10.0	10.4	
151 1,3,5-Trichlorobenzene	180	13.993	13.993	0.000	98	963720	10.0	10.3	
152 1,2,4-Trichlorobenzene	180	14.414	14.414	0.000	94	796716	10.0	10.3	
153 Hexachlorobutadiene	225	14.499	14.499	0.000	97	418916	10.0	9.93	
154 Naphthalene	128	14.597	14.597	0.000	97	1082374	10.0	10.7	
155 1,2,3-Trichlorobenzene	180	14.743	14.743	0.000	96	602326	10.0	10.3	
156 2-Methylnaphthalene	142	15.365	15.365	0.000	92	544492	10.0	11.1	
183 Pentane	43	2.989	2.989	0.000	96	513628	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#1_826_00185

Amount Added: 10.00

Units: uL

MSV_LL_#2_826_00200

Amount Added: 10.00

Units: uL

MSV_LL_GAS826_00299

Amount Added: 10.00

Units: uL

MSV_29_826ISS_00063

Amount Added: 1.20

Units: uL

Run Reagent

Report Date: 25-Nov-2025 15:43:47

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X19.D

Injection Date: 25-Nov-2025 03:59:30

Instrument ID: 16334

Operator ID: gaw91131

Lims ID: ICIS std8

Worklist Smp#: 20

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

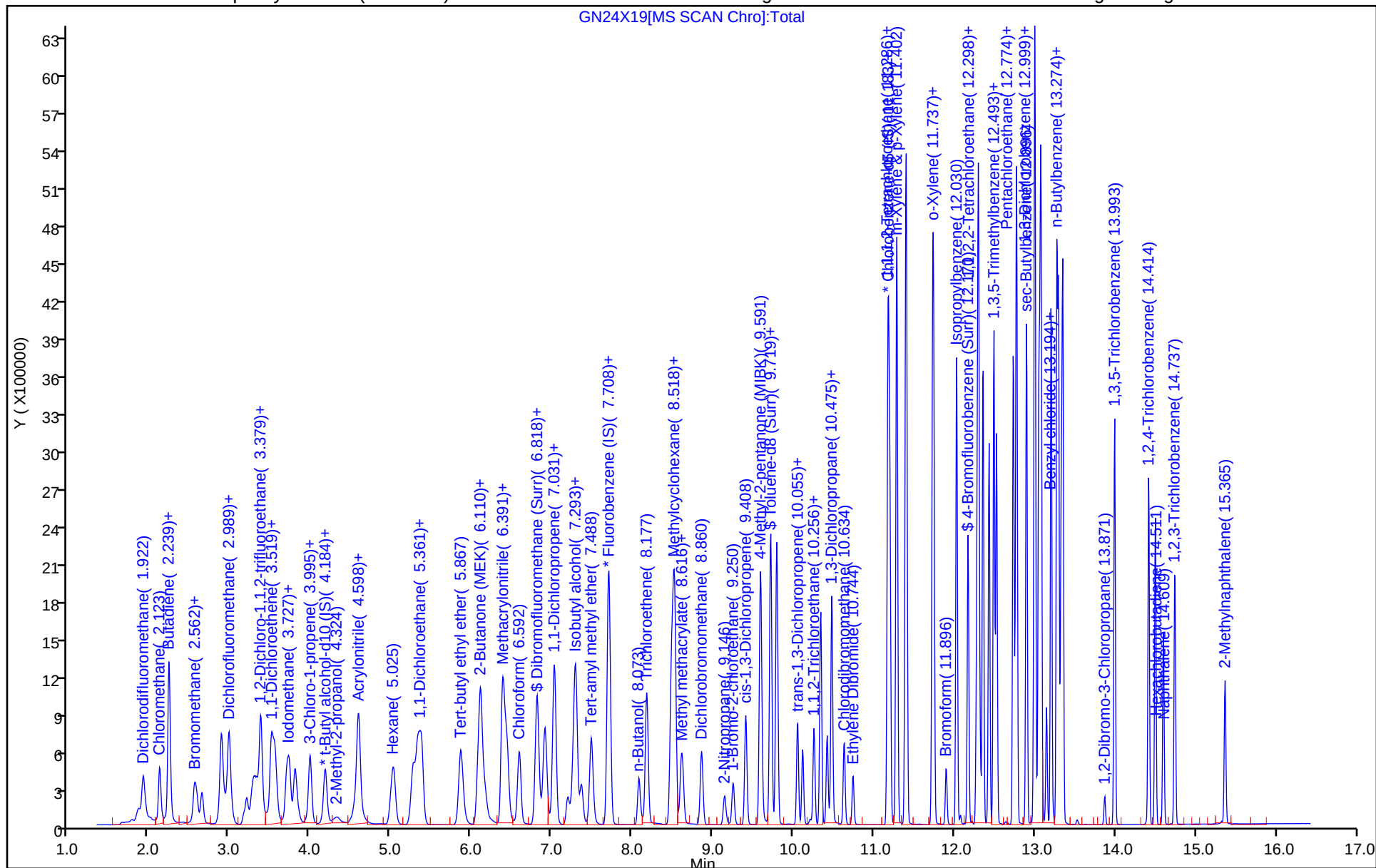
ALS Bottle#: 19

Method: MSV_16334_25mL

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

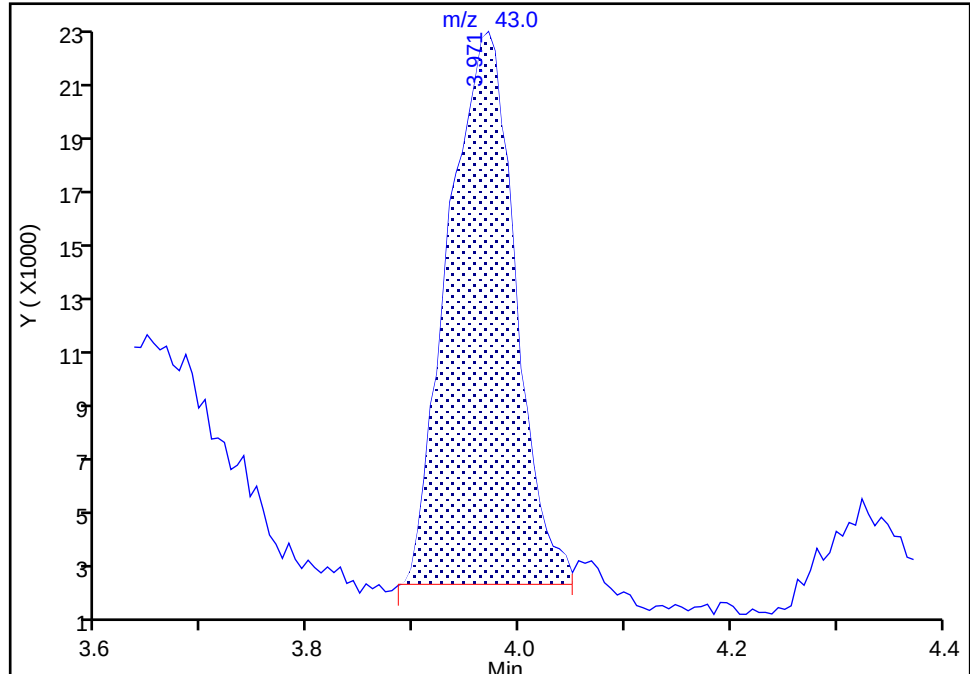
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Injection Date: 25-Nov-2025 03:59:30 Instrument ID: 16334
Lims ID: ICIS std8
Client ID:
Operator ID: gaw91131 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

27 Methyl acetate, CAS: 79-20-9

Signal: 1

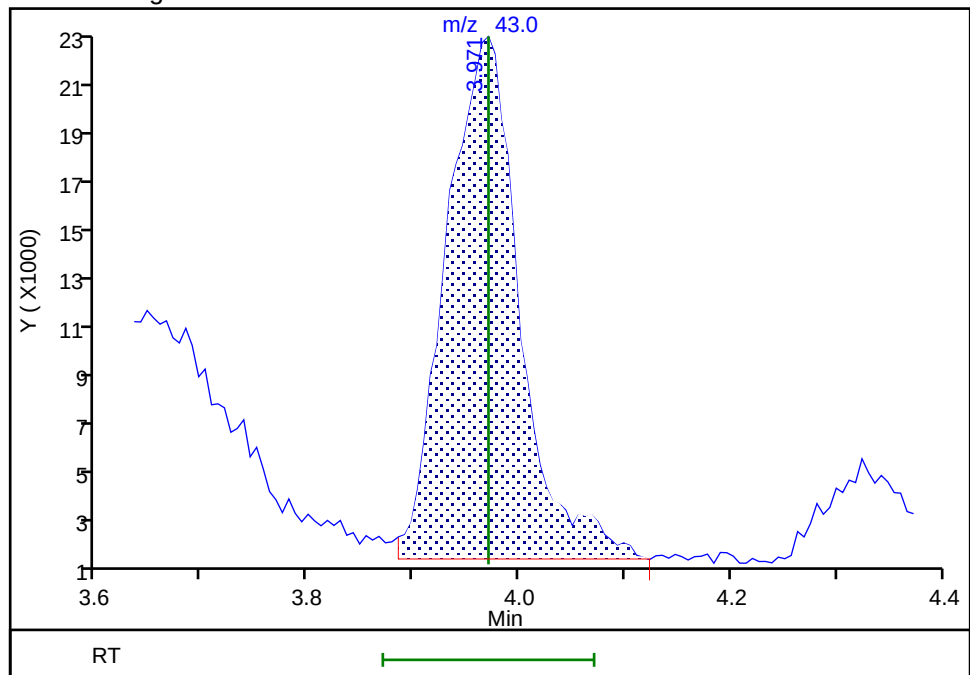
RT: 3.97
Area: 88114
Amount: 7.370289
Amount Units: ug/l

Processing Integration Results



RT: 3.97
Area: 101162
Amount: 8.331784
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:14:33 -05:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

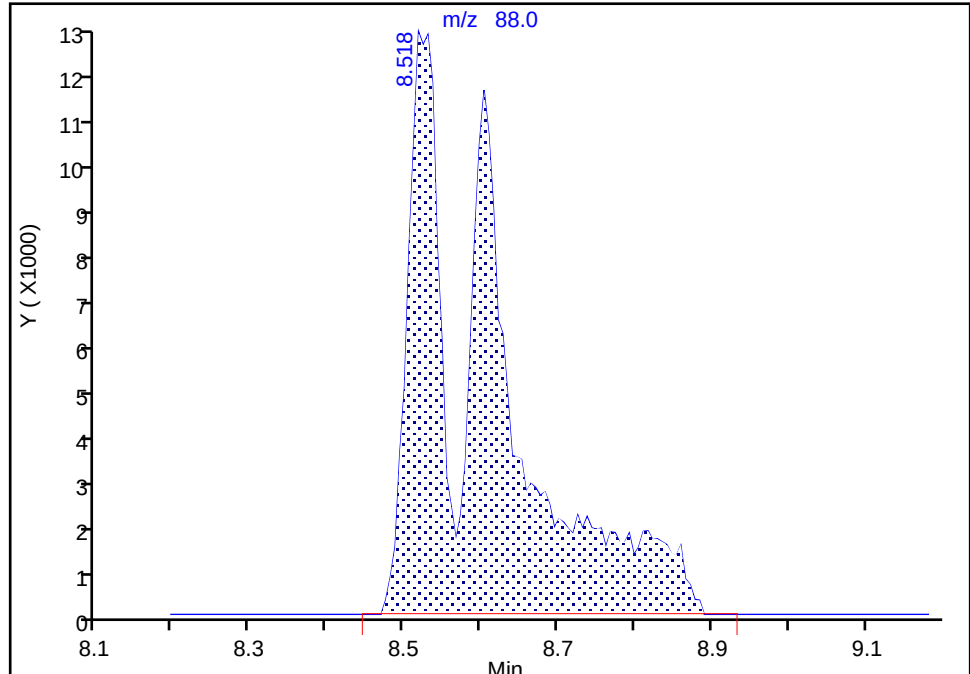
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Injection Date: 25-Nov-2025 03:59:30 Instrument ID: 16334
Lims ID: ICIS std8
Client ID:
Operator ID: gaw91131 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

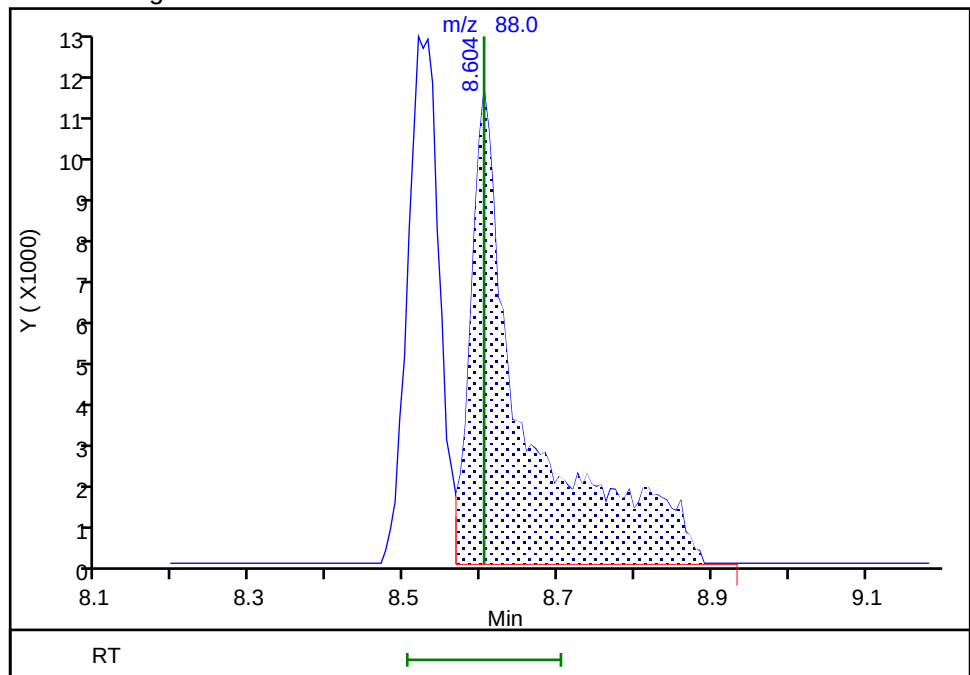
RT: 8.52
Area: 94540
Amount: 507.6754
Amount Units: ug/l

Processing Integration Results



RT: 8.60
Area: 58030
Amount: 521.9688
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 08:58:27 -05:00:00 (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\16334\20251124-167907.b\GN24X20.D
 Lims ID: IC std9
 Client ID:
 Sample Type: IC Calib Level: 9
 Inject. Date: 25-Nov-2025 04:21:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0167907-021
 Misc. Info.: IC STD9
 Operator ID: gaw91131 Instrument ID: 16334
 Sublist: chrom-MSV_16334_25mL*sub4
 Method: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 25-Nov-2025 15:45:46 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1704

First Level Reviewer: N7YK

Date: 25-Nov-2025 15:13:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.922	1.928	-0.006	99	1694209	25.0	26.9	
5 Chloromethane	50	2.123	2.129	-0.006	99	1493119	25.0	24.3	
7 Butadiene	39	2.239	2.245	-0.006	90	1223392	25.0	25.1	
6 Vinyl chloride	62	2.245	2.251	-0.006	98	1494452	25.0	25.0	
9 Bromomethane	94	2.562	2.568	-0.006	90	1159848	25.0	25.1	
10 Chloroethane	64	2.654	2.648	0.006	99	832246	25.0	25.2	
11 Dichlorofluoromethane	67	2.891	2.904	-0.013	96	2118800	25.0	24.4	
12 Trichlorofluoromethane	101	2.977	2.983	-0.006	98	2127093	25.0	26.1	
15 Ethyl ether	59	3.202	3.215	-0.013	89	554723	25.0	26.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	3.294	3.288	0.006	89	1172564	25.0	26.2	
17 Acrolein	56	3.379	3.385	-0.006	100	3801864	1219.9	1262.1	
18 1,1-Dichloroethene	96	3.513	3.519	-0.006	95	885149	25.0	25.8	
19 Acetone	43	3.550	3.562	-0.012	100	873828	250.0	218.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.556	3.562	-0.006	90	972690	25.0	27.5	
21 Iodomethane	142	3.708	3.714	-0.006	98	1875835	25.0	25.6	
22 Isopropyl alcohol	45	3.721	3.733	-0.012	31	251353	500.0	410.4	
23 Ethyl bromide	108	3.739	3.751	-0.012	98	913968	25.0	25.4	
24 Carbon disulfide	76	3.812	3.812	0.000	98	2911468	25.0	26.1	
27 Methyl acetate	43	3.964	3.983	-0.019	96	258236	25.0	22.8	M
28 3-Chloro-1-propene	41	3.995	3.995	0.000	90	1296836	25.0	25.0	
29 Methylene Chloride	84	4.184	4.184	0.000	85	951041	25.0	24.9	
* 30 t-Butyl alcohol-d10 (IS)	65	4.208	4.208	0.000	96	69047	50.0	50.0	
31 2-Methyl-2-propanol	59	4.330	4.336	-0.006	100	532323	500.0	447.7	
32 Acrylonitrile	53	4.537	4.544	-0.007	97	359488	62.5	69.7	
33 Methyl tert-butyl ether	73	4.592	4.605	-0.013	94	1982570	25.0	25.7	
34 trans-1,2-Dichloroethene	96	4.598	4.605	-0.007	96	1083691	25.0	25.5	
35 Hexane	57	5.025	5.037	-0.012	90	1302897	25.0	28.0	
36 1,1-Dichloroethane	63	5.269	5.275	-0.006	96	1710345	25.0	25.6	
38 Isopropyl ether	45	5.336	5.336	0.000	93	2727573	25.0	25.6	
39 2-Chloro-1,3-butadiene	53	5.379	5.391	-0.012	89	1430758	25.0	25.9	

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	5.867	5.873	-0.007	97	2572220	25.0	25.7	
42 2-Butanone (MEK)	43	6.080	6.086	-0.006	99	1596084	250.0	252.6	
44 cis-1,2-Dichloroethene	96	6.110	6.116	-0.006	79	1181872	25.0	26.7	
45 2,2-Dichloropropane	77	6.129	6.123	0.006	86	1494811	25.0	25.9	
S 43 1,2-Dichloroethene, Total	100				0			52.2	
47 Propionitrile	54	6.177	6.177	0.000	99	1022193	500.0	540.0	
48 Methacrylonitrile	67	6.391	6.397	-0.006	89	1967064	250.0	258.6	
49 Chlorobromomethane	128	6.440	6.440	0.000	86	492536	25.0	25.7	
50 Tetrahydrofuran	71	6.440	6.464	-0.024	86	257150	125.0	128.5	
51 Chloroform	83	6.592	6.598	-0.006	92	1834487	25.0	25.2	
\$ 52 Dibromofluoromethane (Surr)	113	6.811	6.811	0.000	94	461673	10.0	10.0	
53 1,1,1-Trichloroethane	97	6.824	6.830	-0.006	97	1669671	25.0	26.0	
54 Cyclohexane	56	6.915	6.915	0.000	87	1592046	25.0	27.1	
57 1,1-Dichloropropene	75	7.031	7.031	0.000	97	1399256	25.0	25.9	
56 Carbon tetrachloride	117	7.031	7.031	0.000	95	1513236	25.0	26.7	
58 Isobutyl alcohol	41	7.196	7.195	0.001	94	498017	1250.0	1203.5	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.263	0.000	80	85634	10.0	9.97	
60 Benzene	78	7.293	7.299	-0.006	95	4172044	25.0	25.2	
61 1,2-Dichloroethane	62	7.366	7.372	-0.006	98	950293	25.0	25.5	
63 Tert-amyl methyl ether	73	7.488	7.488	0.000	99	2201719	25.0	25.9	
* 64 Fluorobenzene (IS)	96	7.702	7.708	-0.006	99	1903627	10.0	10.0	
65 n-Heptane	43	7.714	7.708	0.006	88	1247732	25.0	27.3	
67 n-Butanol	56	8.079	8.092	-0.013	87	881275	2187.5	2378.9	
68 Trichloroethene	95	8.177	8.183	-0.006	96	1193698	25.0	27.1	
69 Methylcyclohexane	83	8.488	8.488	0.000	92	1946904	25.0	28.0	
70 1,2-Dichloropropane	63	8.518	8.512	0.006	97	974618	25.0	25.6	
71 2-ethoxy-2-methyl butane	87	8.525	8.531	-0.006	96	1617739	25.0	26.6	
73 Methyl methacrylate	69	8.604	8.598	0.006	86	374008	25.0	26.0	
72 1,4-Dioxane	88	8.610	8.610	0.000	29	125954	1250.0	1214.9	M
74 Dibromomethane	93	8.622	8.622	0.000	93	461026	25.0	25.9	
76 Dichlorobromomethane	83	8.860	8.860	0.000	99	1302688	25.0	26.7	
78 2-Nitropropane	41	9.146	9.146	0.000	98	502381	125.0	138.9	
80 1-Bromo-2-chloroethane	63	9.250	9.250	0.000	98	852099	25.0	26.2	
81 cis-1,3-Dichloropropene	75	9.408	9.408	0.000	97	1544068	25.0	27.2	
82 4-Methyl-2-pentanone (MIBK)	43	9.591	9.591	0.000	95	4183068	250.0	267.3	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.719	0.000	92	1863687	10.0	9.85	
84 Toluene	92	9.793	9.793	0.000	98	2824179	25.0	25.0	
105 trans-1,3-Dichloropropene	75	10.055	10.055	0.000	90	1233116	25.0	27.4	
S 104 1,3-Dichloropropene, Total	100				0			54.6	
106 Ethyl methacrylate	69	10.116	10.116	0.000	89	853933	25.0	26.8	
107 1,1,2-Trichloroethane	97	10.256	10.256	0.000	89	669239	25.0	25.3	
108 Tetrachloroethene	166	10.341	10.341	0.000	97	1421661	25.0	25.4	
109 1,3-Dichloropropane	76	10.420	10.420	0.000	87	1091440	25.0	25.3	
110 2-Hexanone	43	10.475	10.475	0.000	95	2826252	250.0	262.8	
112 Chlorodibromomethane	129	10.634	10.634	0.000	89	945626	25.0	27.1	
113 Ethylene Dibromide	107	10.744	10.744	0.000	99	661281	25.0	26.1	
* 114 Chlorobenzene-d5 (IS)	117	11.176	11.176	0.000	83	1470402	10.0	10.0	
115 1-Chlorohexane	91	11.183	11.183	0.001	92	1588330	25.0	25.2	
116 Chlorobenzene	112	11.201	11.201	0.000	97	3272169	25.0	25.4	
S 117 Xylenes, Total	106				0			76.4	
118 1,1,1,2-Tetrachloroethane	131	11.280	11.280	0.000	96	1153115	25.0	26.6	
119 Ethylbenzene	91	11.286	11.286	0.000	98	5471912	25.0	25.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
120 m-Xylene & p-Xylene	106	11.402	11.396	0.006	99	4406480	50.0	50.8	
121 o-Xylene	106	11.731	11.731	0.000	96	2192891	25.0	25.6	
122 Styrene	104	11.743	11.743	0.000	94	3603584	25.0	26.0	
123 Bromoform	173	11.902	11.902	0.000	98	532398	25.0	27.7	
124 Isopropylbenzene	105	12.030	12.030	0.000	95	5654775	25.0	25.4	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	94	668150	10.0	9.82	
128 1,1,2,2-Tetrachloroethane	83	12.274	12.274	0.000	93	745545	25.0	27.2	
129 Bromobenzene	156	12.286	12.286	0.000	97	1399528	25.0	26.3	
130 trans-1,4-Dichloro-2-butene	53	12.298	12.298	0.000	91	1748180	250.0	265.8	
131 1,2,3-Trichloropropane	110	12.323	12.316	0.007	82	204873	25.0	25.4	
132 N-Propylbenzene	91	12.359	12.353	0.006	98	6415808	25.0	25.7	
133 2-Chlorotoluene	126	12.432	12.432	0.000	98	1395174	25.0	26.0	
134 1,3,5-Trimethylbenzene	105	12.493	12.493	0.000	94	4822240	25.0	26.2	
135 4-Chlorotoluene	126	12.524	12.524	0.000	96	1436256	25.0	25.6	
136 tert-Butylbenzene	134	12.737	12.731	0.006	92	1107220	25.0	26.5	
137 Pentachloroethane	167	12.768	12.768	0.000	94	847321	25.0	27.8	
138 1,2,4-Trimethylbenzene	105	12.774	12.774	0.000	96	4987132	25.0	25.9	
139 sec-Butylbenzene	105	12.896	12.896	0.000	95	6220773	25.0	26.5	
140 1,3-Dichlorobenzene	146	12.993	12.993	0.000	99	2869725	25.0	25.9	
141 4-Isopropyltoluene	119	13.005	13.005	0.000	97	5523157	25.0	26.3	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	93	776194	10.0	10.0	
143 1,4-Dichlorobenzene	146	13.066	13.066	0.000	95	2784092	25.0	25.7	
144 1,2,3-Trimethylbenzene	120	13.079	13.078	0.000	98	2128686	25.0	26.0	
145 Benzyl chloride	126	13.146	13.146	0.000	98	335524	25.0	30.0	
146 p-Diethylbenzene	119	13.200	13.200	0.000	92	3100949	25.0	26.3	
147 n-Butylbenzene	92	13.292	13.292	0.000	97	2637901	25.0	26.1	
148 1,2-Dichlorobenzene	146	13.328	13.328	0.000	99	2417330	25.0	25.7	
150 1,2-Dibromo-3-Chloropropane	155	13.871	13.871	0.000	91	123467	25.0	28.9	
151 1,3,5-Trichlorobenzene	180	13.993	13.993	0.000	98	2372339	25.0	26.0	
152 1,2,4-Trichlorobenzene	180	14.414	14.414	0.000	94	1958069	25.0	26.1	
153 Hexachlorobutadiene	225	14.499	14.499	0.000	96	1058969	25.0	25.8	
154 Naphthalene	128	14.597	14.596	0.000	96	2699442	25.0	27.4	
155 1,2,3-Trichlorobenzene	180	14.743	14.743	0.000	96	1478125	25.0	25.9	
156 2-Methylnaphthalene	142	15.365	15.365	0.000	92	1403336	25.0	29.4	
183 Pentane	43	2.989	3.001	-0.012	96	1298641	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#1_826_00185

Amount Added: 25.00

Units: uL

MSV_LL_#2_826_00200

Amount Added: 25.00

Units: uL

MSV_LL_GAS826_00299

Amount Added: 25.00

Units: uL

MSV_29_826ISS_00063

Amount Added: 1.20

Units: uL

Run Reagent

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D

Operator ID: qaw91131

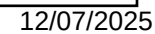
Worklist Smp#: 21

Dil. Factor: 1.0000

ALS Bottle#: 20

Limit Group: MSV - 8260C D

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

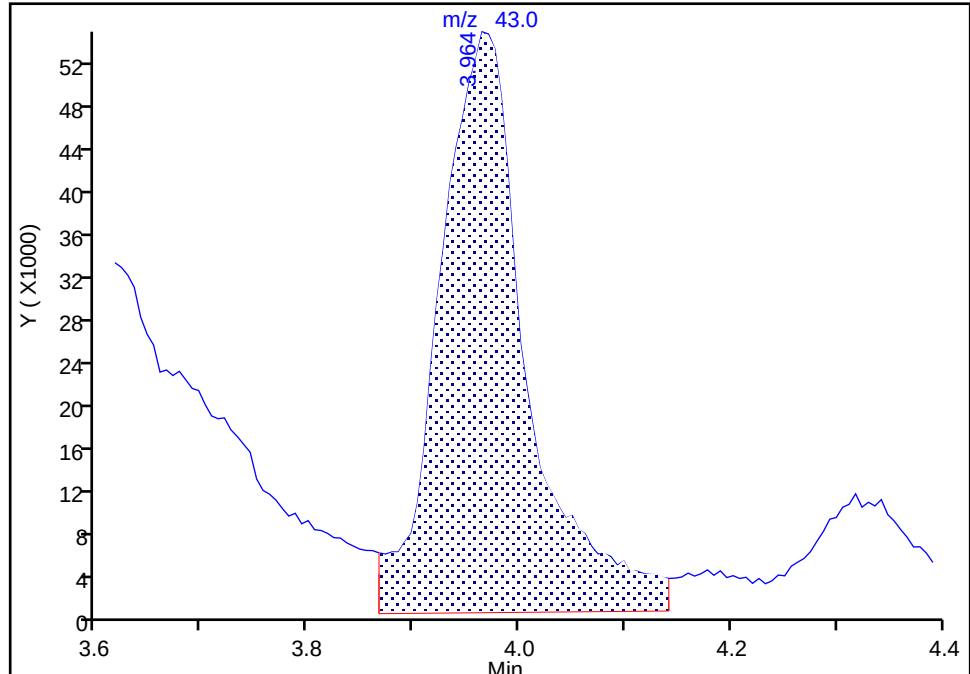
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Injection Date: 25-Nov-2025 04:21:30 Instrument ID: 16334
Lims ID: IC std9
Client ID:
Operator ID: gaw91131 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

27 Methyl acetate, CAS: 79-20-9

Signal: 1

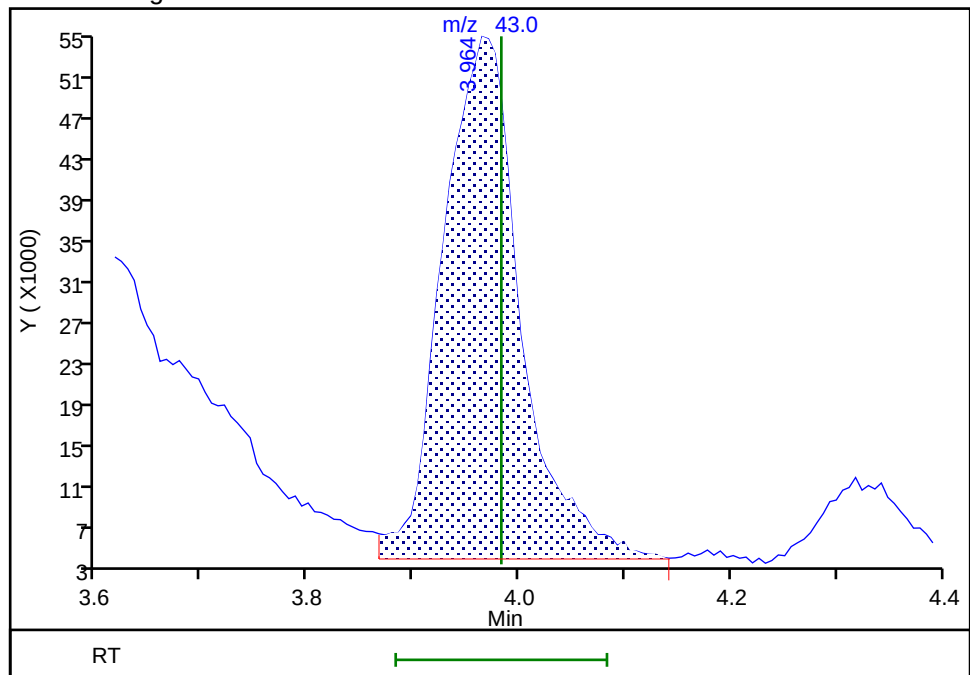
RT: 3.96
Area: 308057
Amount: 26.944162
Amount Units: ug/l

Processing Integration Results



RT: 3.96
Area: 258236
Amount: 22.807750
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:13:04 -05:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

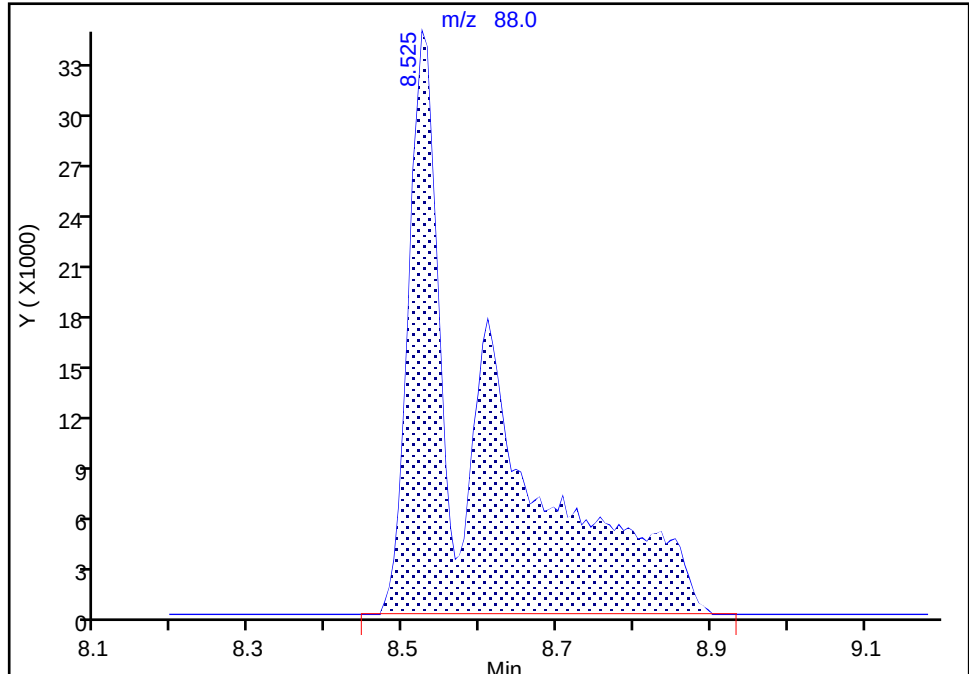
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Injection Date: 25-Nov-2025 04:21:30 Instrument ID: 16334
Lims ID: IC std9
Client ID:
Operator ID: gaw91131 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

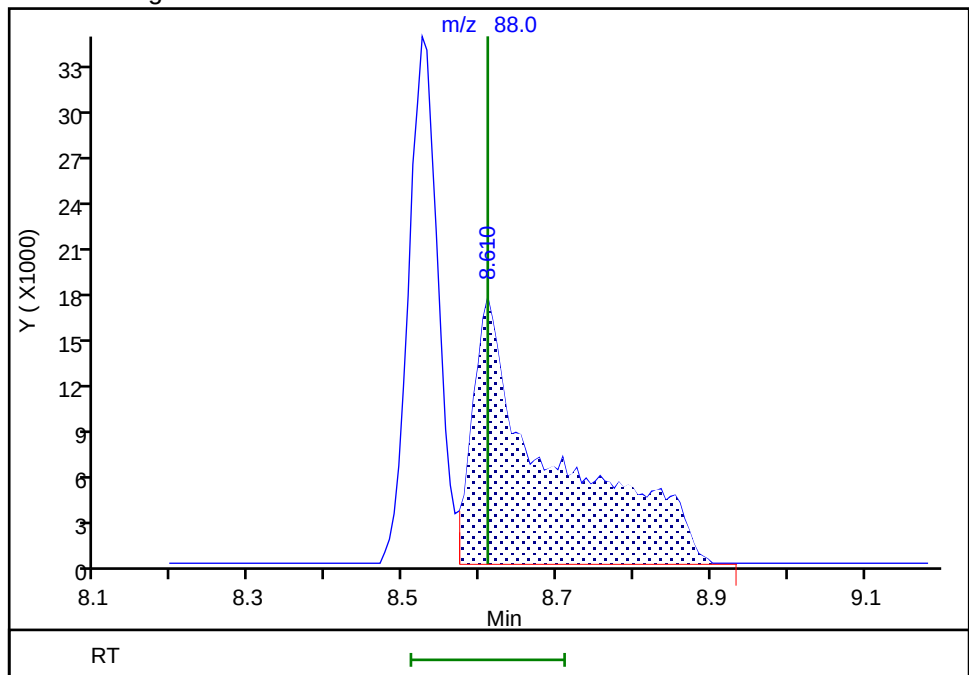
RT: 8.52
Area: 216566
Amount: 1870.9166
Amount Units: ug/l

Processing Integration Results



RT: 8.61
Area: 125954
Amount: 1214.9237
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:13:27 -05:00:00 (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

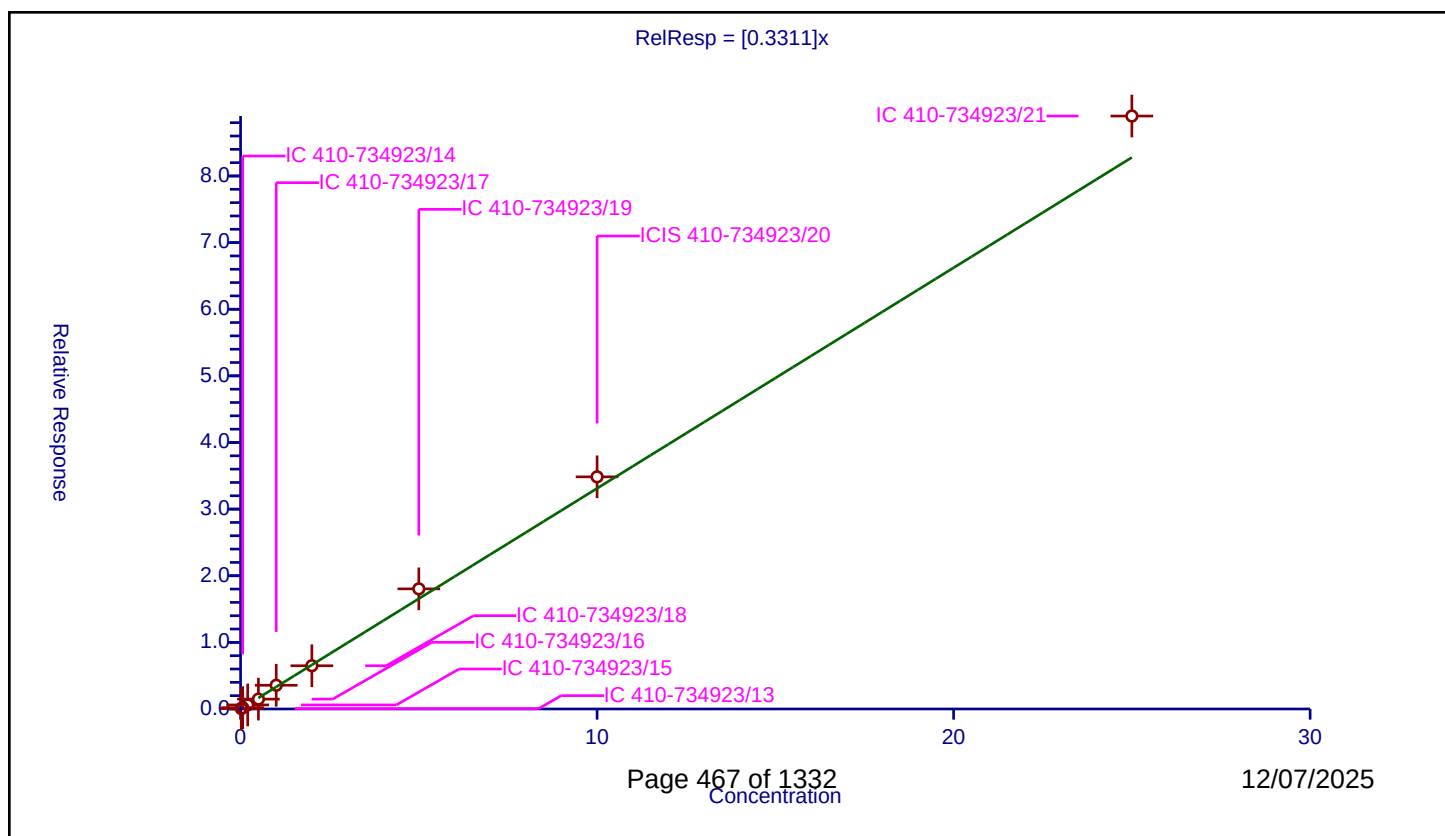
Curve Coefficients

Intercept: 0
Slope: 0.3311

Error Coefficients

Relative Standard Deviation: 7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/13	0.02	0.005995	9.99966	1980012.0	0.299735	Y
2	IC 410-734923/14	0.06	0.019963	9.99966	1983618.0	0.332714	Y
3	IC 410-734923/15	0.2	0.061158	9.99966	1982831.0	0.30579	Y
4	IC 410-734923/16	0.5	0.148277	9.99966	1997072.0	0.296554	Y
5	IC 410-734923/17	1.0	0.355914	9.99966	1981930.0	0.355914	Y
6	IC 410-734923/18	2.0	0.648908	9.99966	1973756.0	0.324454	Y
7	IC 410-734923/19	5.0	1.80276	9.99966	1940924.0	0.360552	Y
8	ICIS 410-734923/20	10.0	3.484172	9.99966	1937525.0	0.348417	Y
9	IC 410-734923/21	25.0	8.899597	9.99966	1903627.0	0.355984	Y



Calibration

/ Chloromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

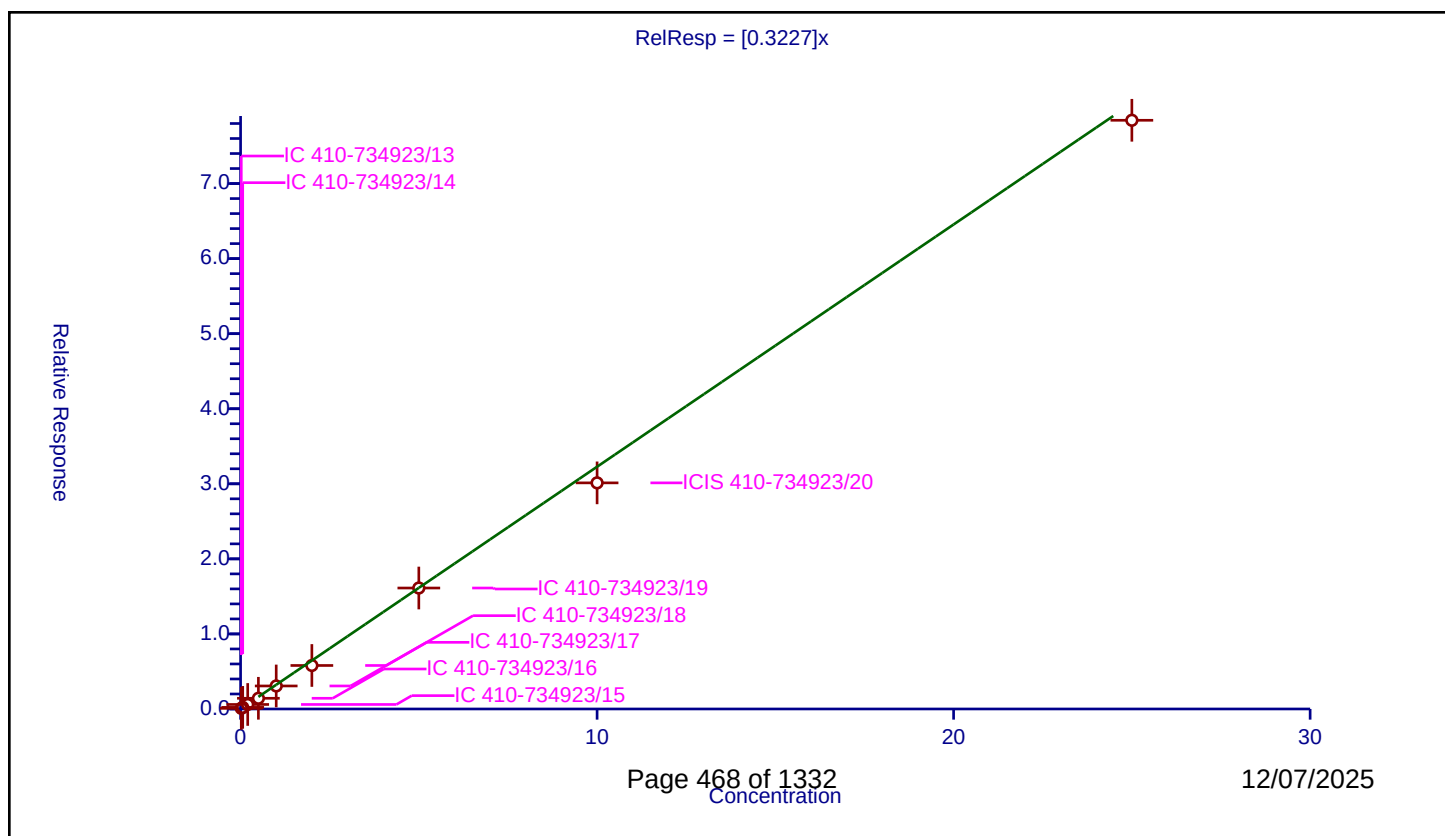
Curve Coefficients

Intercept: 0
Slope: 0.3227

Error Coefficients

Relative Standard Deviation: 13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/13	0.02	0.008515	9.99966	1980012.0	0.425741	Y
2	IC 410-734923/14	0.06	0.021505	9.99966	1983618.0	0.358424	Y
3	IC 410-734923/15	0.2	0.060341	9.99966	1982831.0	0.301705	Y
4	IC 410-734923/16	0.5	0.142504	9.99966	1997072.0	0.285008	Y
5	IC 410-734923/17	1.0	0.306645	9.99966	1981930.0	0.306645	Y
6	IC 410-734923/18	2.0	0.579596	9.99966	1973756.0	0.289798	Y
7	IC 410-734923/19	5.0	1.611842	9.99966	1940924.0	0.322368	Y
8	ICIS 410-734923/20	10.0	3.012561	9.99966	1937525.0	0.301256	Y
9	IC 410-734923/21	25.0	7.843281	9.99966	1903627.0	0.313731	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

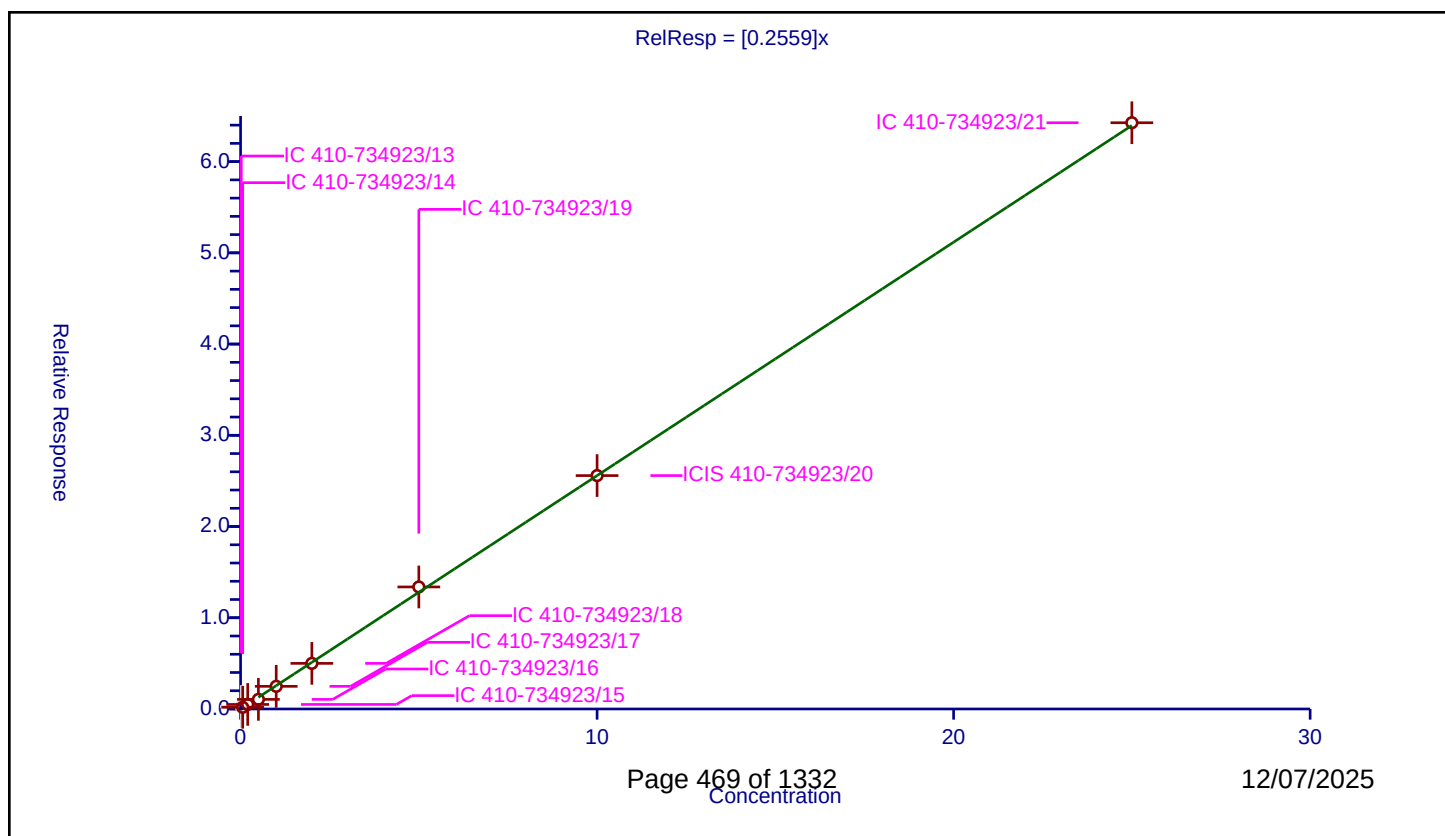
Curve Coefficients

Intercept: 0
Slope: 0.2559

Error Coefficients

Relative Standard Deviation: 10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/13	0.02	0.027181	9.99966	1980012.0	1.359036	N
2	IC 410-734923/14	0.06	0.018476	9.99966	1983618.0	0.307929	Y
3	IC 410-734923/15	0.2	0.049821	9.99966	1982831.0	0.249105	Y
4	IC 410-734923/16	0.5	0.105466	9.99966	1997072.0	0.210932	Y
5	IC 410-734923/17	1.0	0.248381	9.99966	1981930.0	0.248381	Y
6	IC 410-734923/18	2.0	0.50003	9.99966	1973756.0	0.250015	Y
7	IC 410-734923/19	5.0	1.33775	9.99966	1940924.0	0.26755	Y
8	ICIS 410-734923/20	10.0	2.558512	9.99966	1937525.0	0.255851	Y
9	IC 410-734923/21	25.0	6.426419	9.99966	1903627.0	0.257057	Y



Calibration

/ Vinyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

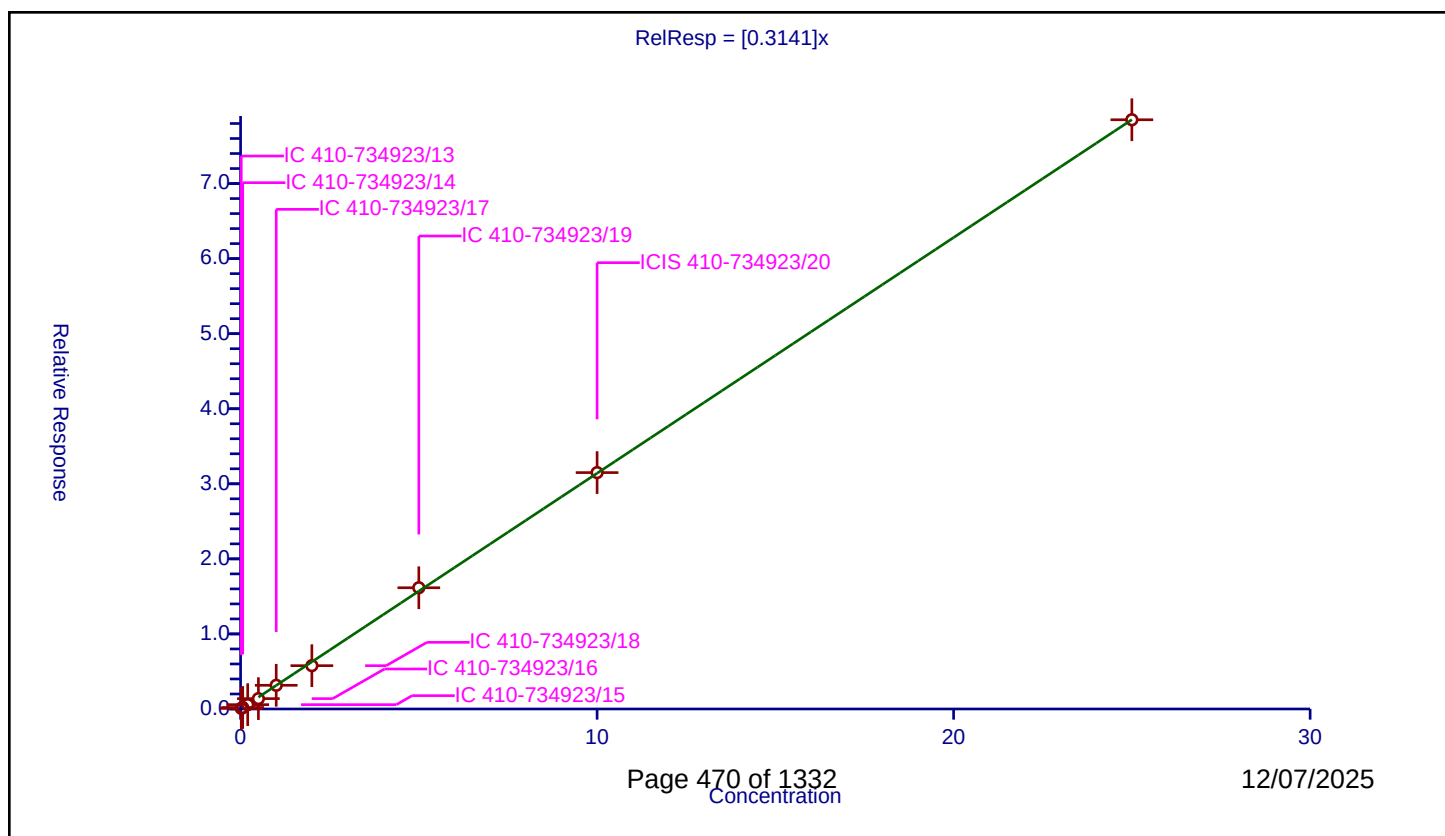
Curve Coefficients

Intercept: 0
Slope: 0.3141

Error Coefficients

Relative Standard Deviation: 9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/13	0.02	0.007469	9.99966	1980012.0	0.37347	Y
2	IC 410-734923/14	0.06	0.019917	9.99966	1983618.0	0.331958	Y
3	IC 410-734923/15	0.2	0.057819	9.99966	1982831.0	0.289097	Y
4	IC 410-734923/16	0.5	0.137952	9.99966	1997072.0	0.275905	Y
5	IC 410-734923/17	1.0	0.315535	9.99966	1981930.0	0.315535	Y
6	IC 410-734923/18	2.0	0.577068	9.99966	1973756.0	0.288534	Y
7	IC 410-734923/19	5.0	1.615413	9.99966	1940924.0	0.323083	Y
8	ICIS 410-734923/20	10.0	3.149132	9.99966	1937525.0	0.314913	Y
9	IC 410-734923/21	25.0	7.850284	9.99966	1903627.0	0.314011	Y



Calibration

/ Bromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

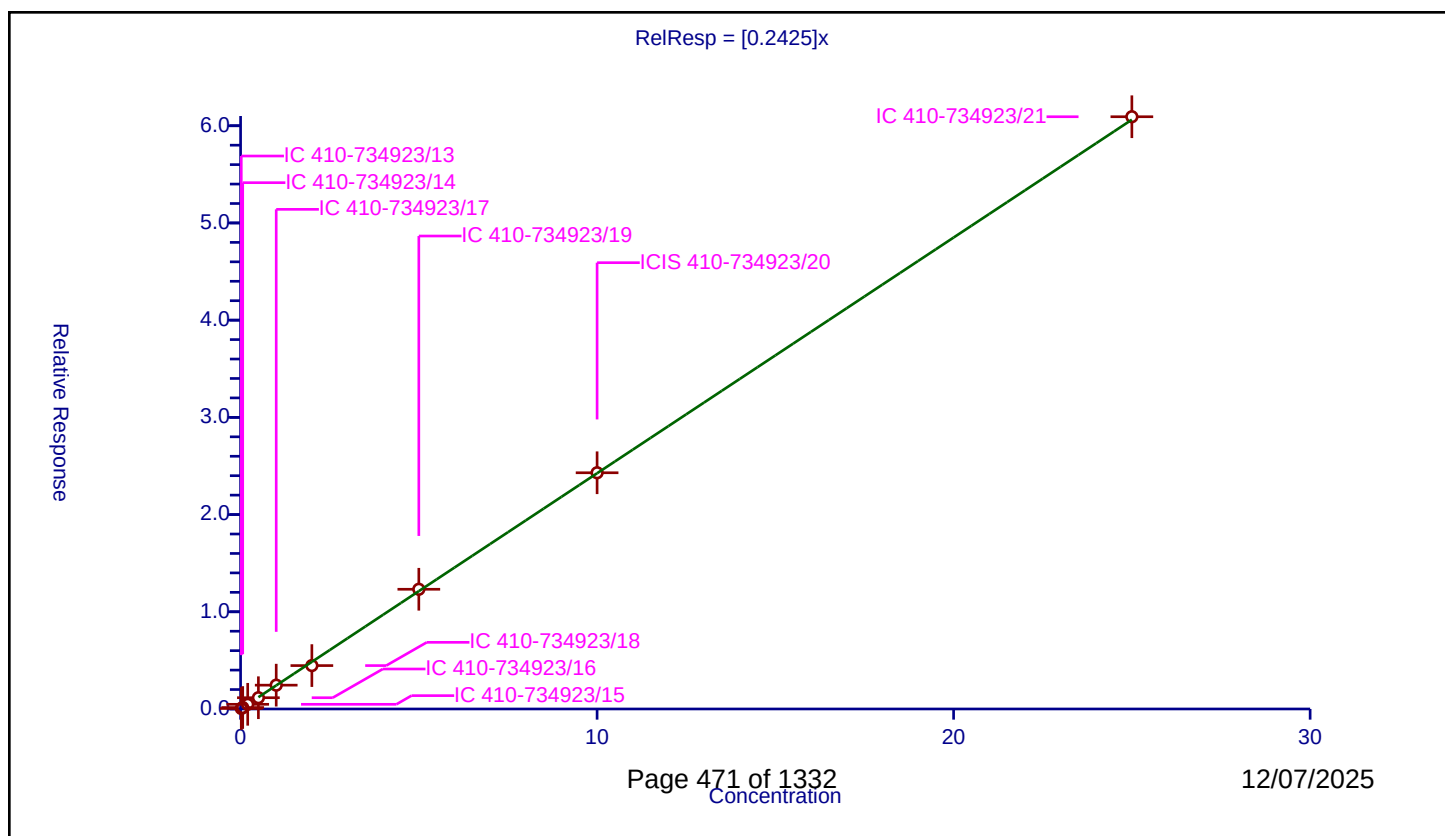
Curve Coefficients

Intercept: 0
Slope: 0.2425

Error Coefficients

Relative Standard Deviation: 4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/13	0.02	0.005146	9.99966	1980012.0	0.257313	Y
2	IC 410-734923/14	0.06	0.015073	9.99966	1983618.0	0.251216	Y
3	IC 410-734923/15	0.2	0.048091	9.99966	1982831.0	0.240456	Y
4	IC 410-734923/16	0.5	0.116011	9.99966	1997072.0	0.232022	Y
5	IC 410-734923/17	1.0	0.245162	9.99966	1981930.0	0.245162	Y
6	IC 410-734923/18	2.0	0.446514	9.99966	1973756.0	0.223257	Y
7	IC 410-734923/19	5.0	1.231485	9.99966	1940924.0	0.246297	Y
8	ICIS 410-734923/20	10.0	2.430209	9.99966	1937525.0	0.243021	Y
9	IC 410-734923/21	25.0	6.092625	9.99966	1903627.0	0.243705	Y



Calibration

/ Chloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

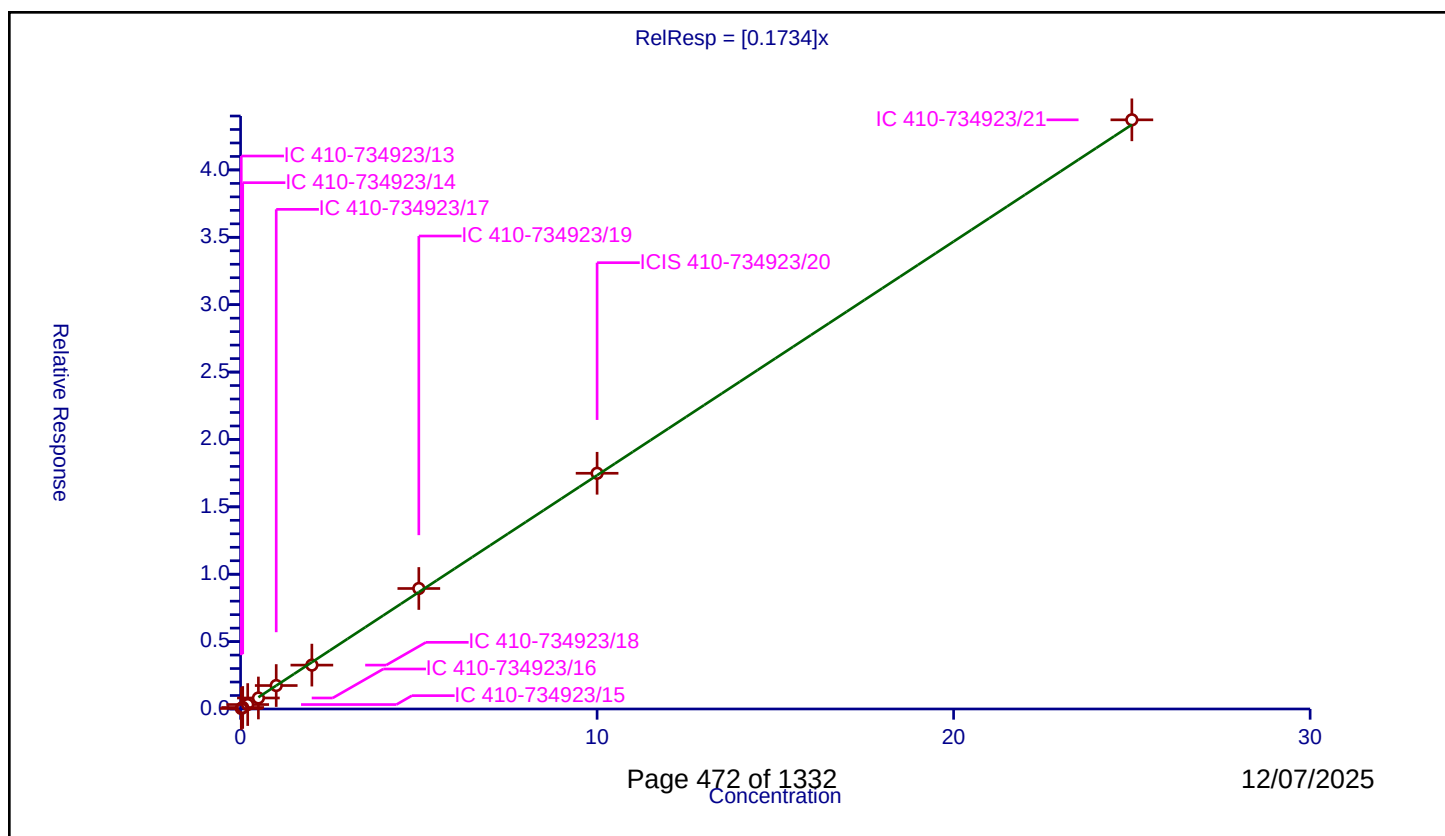
Curve Coefficients

Intercept: 0
Slope: 0.1734

Error Coefficients

Relative Standard Deviation: 4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/13	0.02	0.003601	9.99966	1980012.0	0.180043	Y
2	IC 410-734923/14	0.06	0.011262	9.99966	1983618.0	0.187698	Y
3	IC 410-734923/15	0.2	0.032871	9.99966	1982831.0	0.164355	Y
4	IC 410-734923/16	0.5	0.081697	9.99966	1997072.0	0.163394	Y
5	IC 410-734923/17	1.0	0.173956	9.99966	1981930.0	0.173956	Y
6	IC 410-734923/18	2.0	0.325647	9.99966	1973756.0	0.162824	Y
7	IC 410-734923/19	5.0	0.894064	9.99966	1940924.0	0.178813	Y
8	ICIS 410-734923/20	10.0	1.749136	9.99966	1937525.0	0.174914	Y
9	IC 410-734923/21	25.0	4.371748	9.99966	1903627.0	0.17487	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

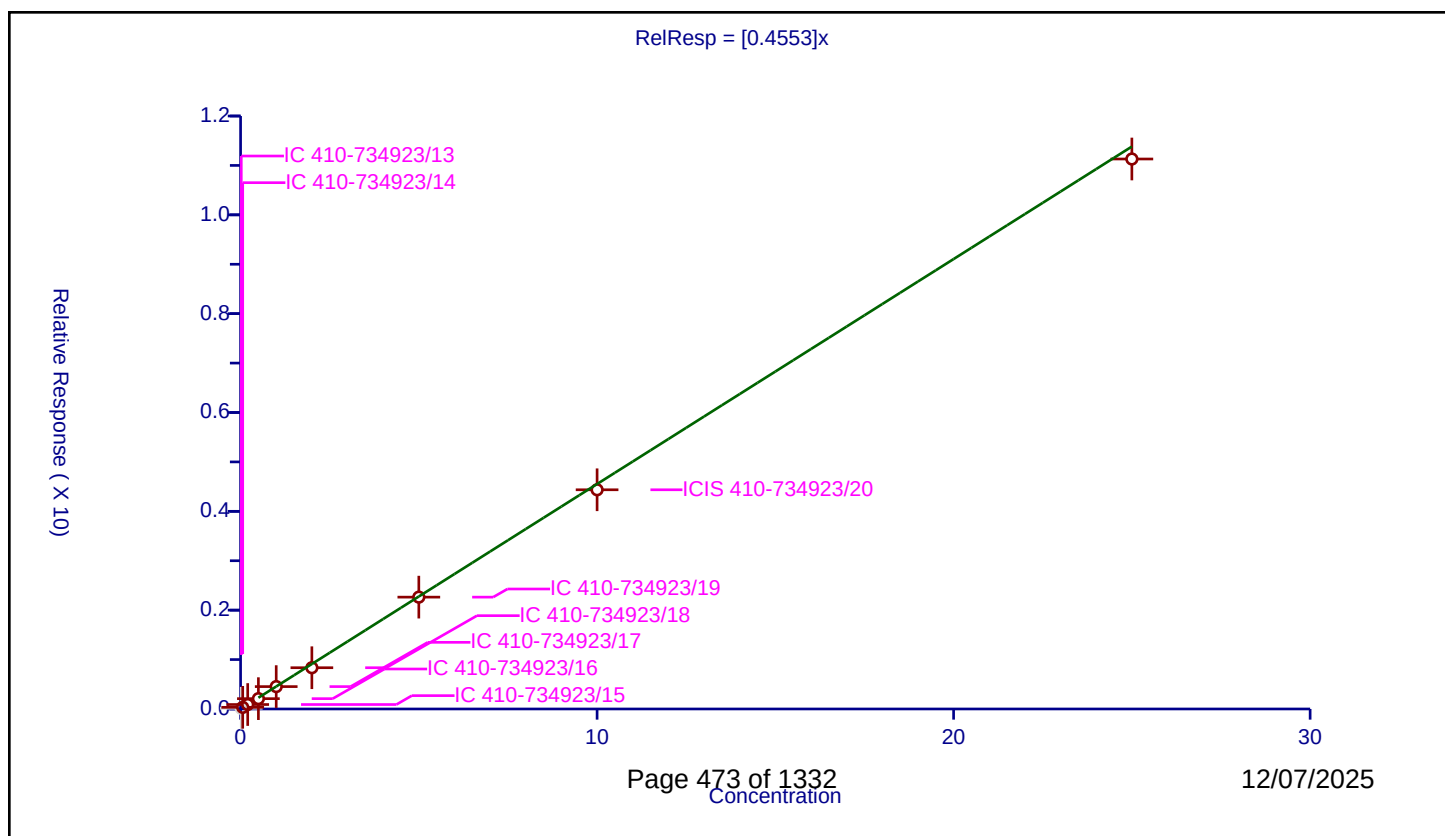
Curve Coefficients

Intercept: 0
Slope: 0.4553

Error Coefficients

Relative Standard Deviation: 9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/13	0.02	0.014449	9.99966	1980012.0	0.722446	N
2	IC 410-734923/14	0.06	0.033539	9.99966	1983618.0	0.558976	Y
3	IC 410-734923/15	0.2	0.090564	9.99966	1982831.0	0.452822	Y
4	IC 410-734923/16	0.5	0.209264	9.99966	1997072.0	0.418529	Y
5	IC 410-734923/17	1.0	0.452841	9.99966	1981930.0	0.452841	Y
6	IC 410-734923/18	2.0	0.834953	9.99966	1973756.0	0.417477	Y
7	IC 410-734923/19	5.0	2.263391	9.99966	1940924.0	0.452678	Y
8	ICIS 410-734923/20	10.0	4.43638	9.99966	1937525.0	0.443638	Y
9	IC 410-734923/21	25.0	11.129953	9.99966	1903627.0	0.445198	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

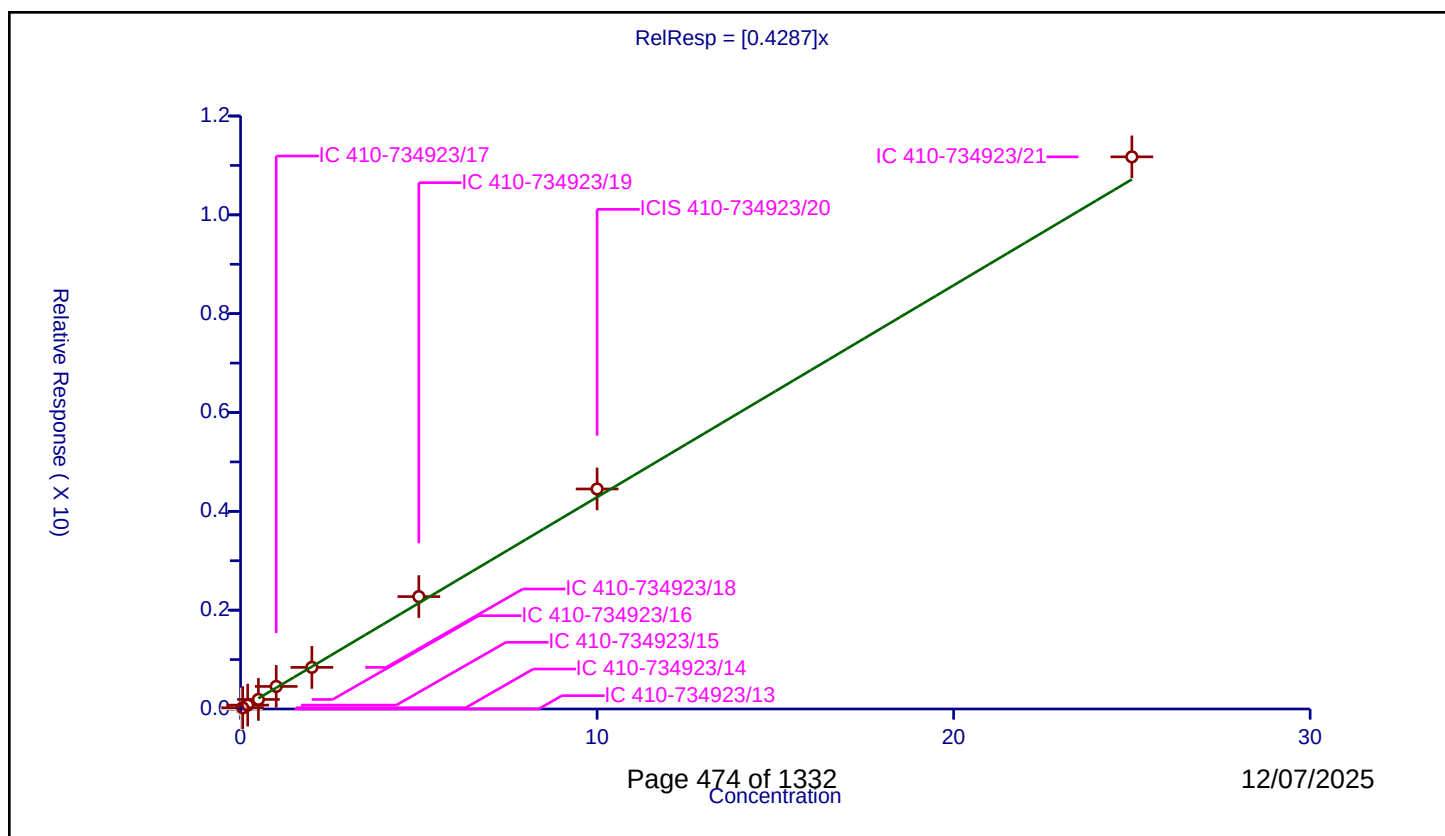
Curve Coefficients

Intercept: 0
Slope: 0.4287

Error Coefficients

Relative Standard Deviation: 6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/13	0.02	0.0	9.99966	1980012.0	0.0	N
2	IC 410-734923/14	0.06	0.025528	9.99966	1983618.0	0.425471	Y
3	IC 410-734923/15	0.2	0.078466	9.99966	1982831.0	0.39233	Y
4	IC 410-734923/16	0.5	0.193216	9.99966	1997072.0	0.386433	Y
5	IC 410-734923/17	1.0	0.457014	9.99966	1981930.0	0.457014	Y
6	IC 410-734923/18	2.0	0.84238	9.99966	1973756.0	0.42119	Y
7	IC 410-734923/19	5.0	2.274138	9.99966	1940924.0	0.454828	Y
8	ICIS 410-734923/20	10.0	4.452364	9.99966	1937525.0	0.445236	Y
9	IC 410-734923/21	25.0	11.173516	9.99966	1903627.0	0.446941	Y



Calibration

/ Ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

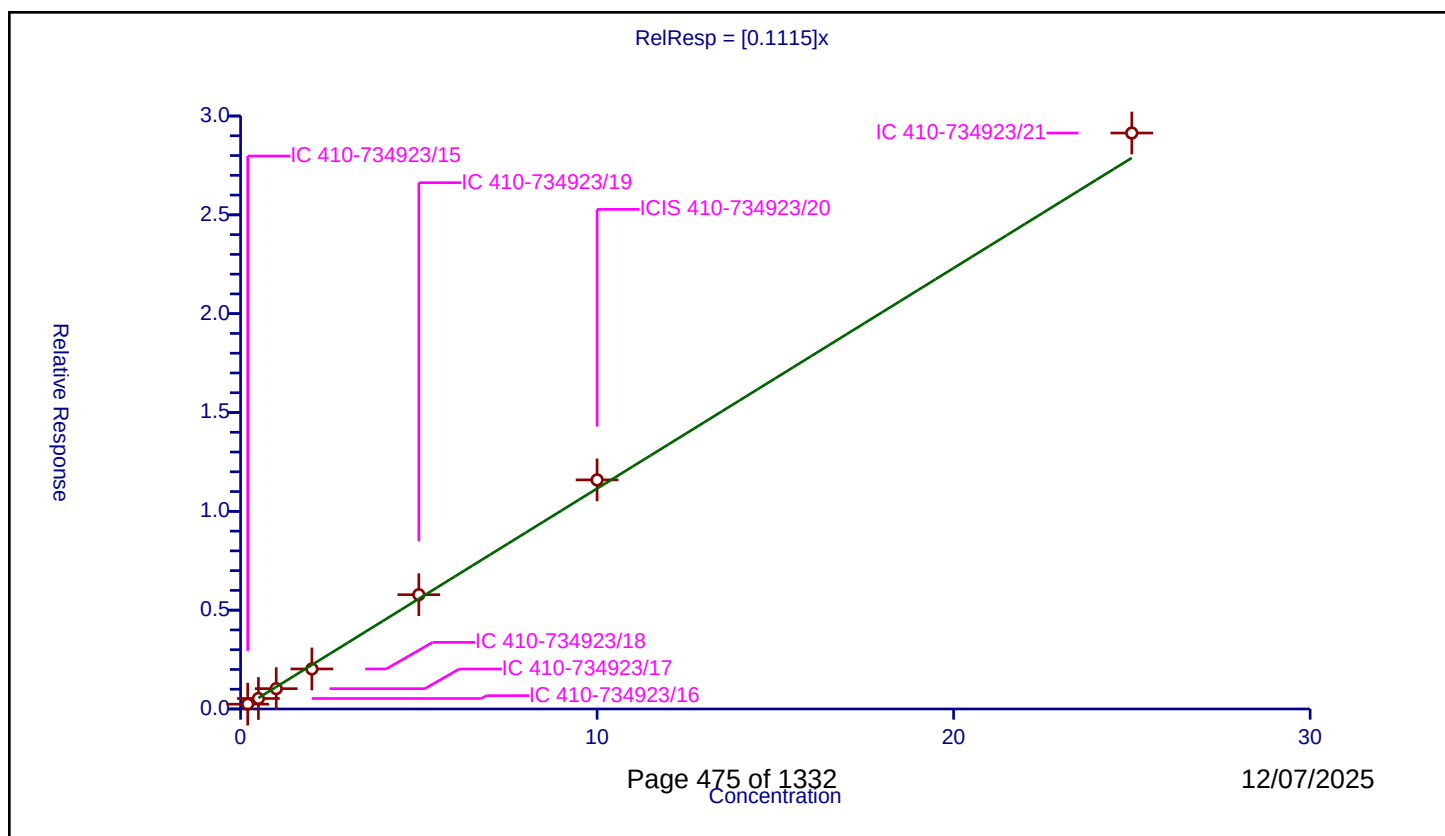
Curve Coefficients

Intercept: 0
Slope: 0.1115

Error Coefficients

Relative Standard Deviation: 7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.199981	0.024414	9.99966	1982831.0	0.12208	Y
2	IC 410-734923/16	0.499953	0.053151	9.99966	1997072.0	0.106312	Y
3	IC 410-734923/17	0.999907	0.102886	9.99966	1981930.0	0.102896	Y
4	IC 410-734923/18	1.999813	0.202592	9.99966	1973756.0	0.101305	Y
5	IC 410-734923/19	4.999533	0.578262	9.99966	1940924.0	0.115663	Y
6	ICIS 410-734923/20	9.999066	1.159073	9.99966	1937525.0	0.115918	Y
7	IC 410-734923/21	24.997665	2.913933	9.99966	1903627.0	0.116568	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

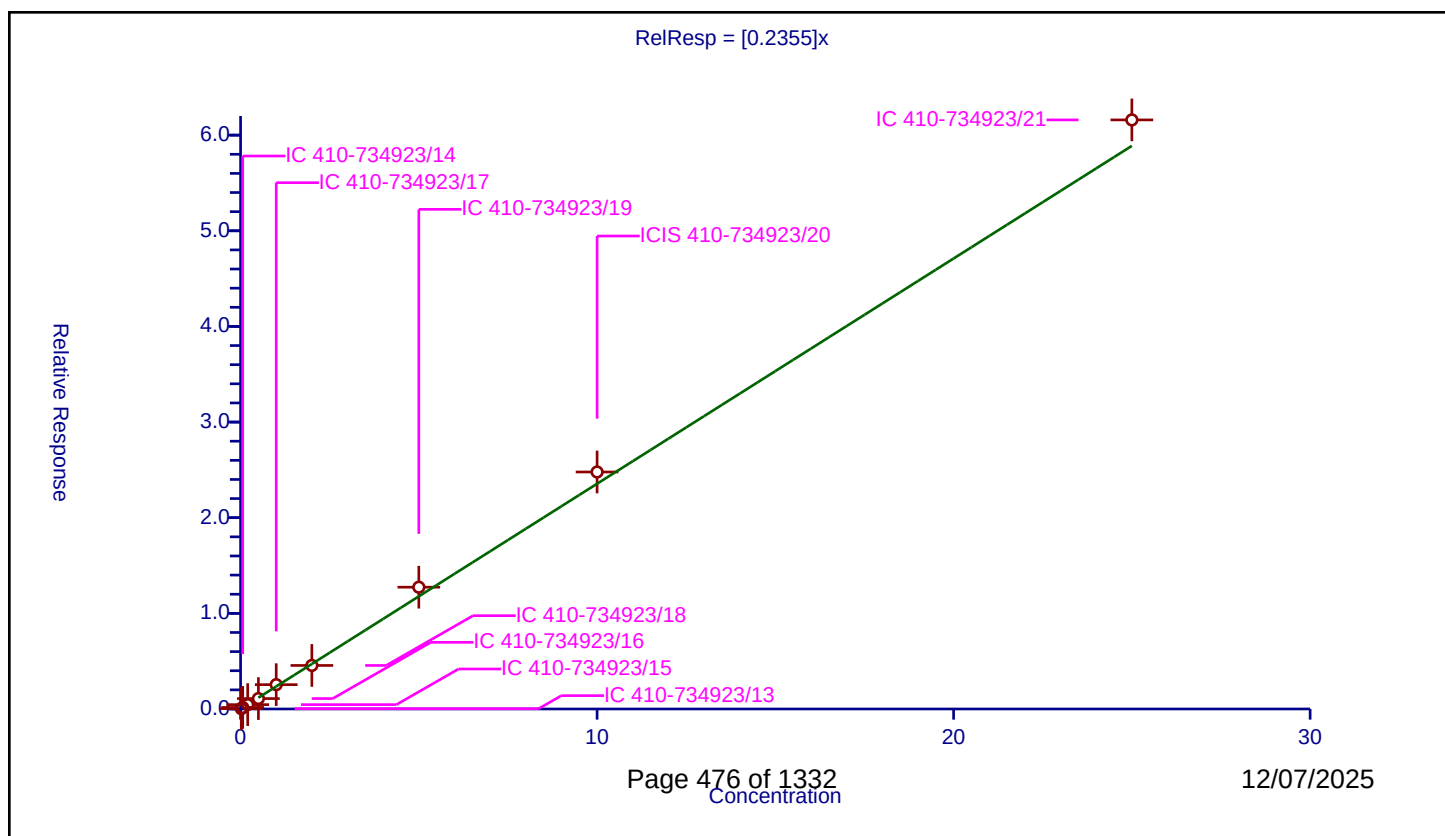
Curve Coefficients

Intercept: 0
Slope: 0.2355

Error Coefficients

Relative Standard Deviation: 12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/13	0.02	0.003429	9.99966	1980012.0	0.171458	Y
2	IC 410-734923/14	0.06	0.016268	9.99966	1983618.0	0.271128	Y
3	IC 410-734923/15	0.2	0.045681	9.99966	1982831.0	0.228403	Y
4	IC 410-734923/16	0.5	0.108901	9.99966	1997072.0	0.217801	Y
5	IC 410-734923/17	1.0	0.2544	9.99966	1981930.0	0.2544	Y
6	IC 410-734923/18	2.0	0.455081	9.99966	1973756.0	0.227541	Y
7	IC 410-734923/19	5.0	1.273479	9.99966	1940924.0	0.254696	Y
8	ICIS 410-734923/20	10.0	2.478031	9.99966	1937525.0	0.247803	Y
9	IC 410-734923/21	25.0	6.159422	9.99966	1903627.0	0.246377	Y



Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

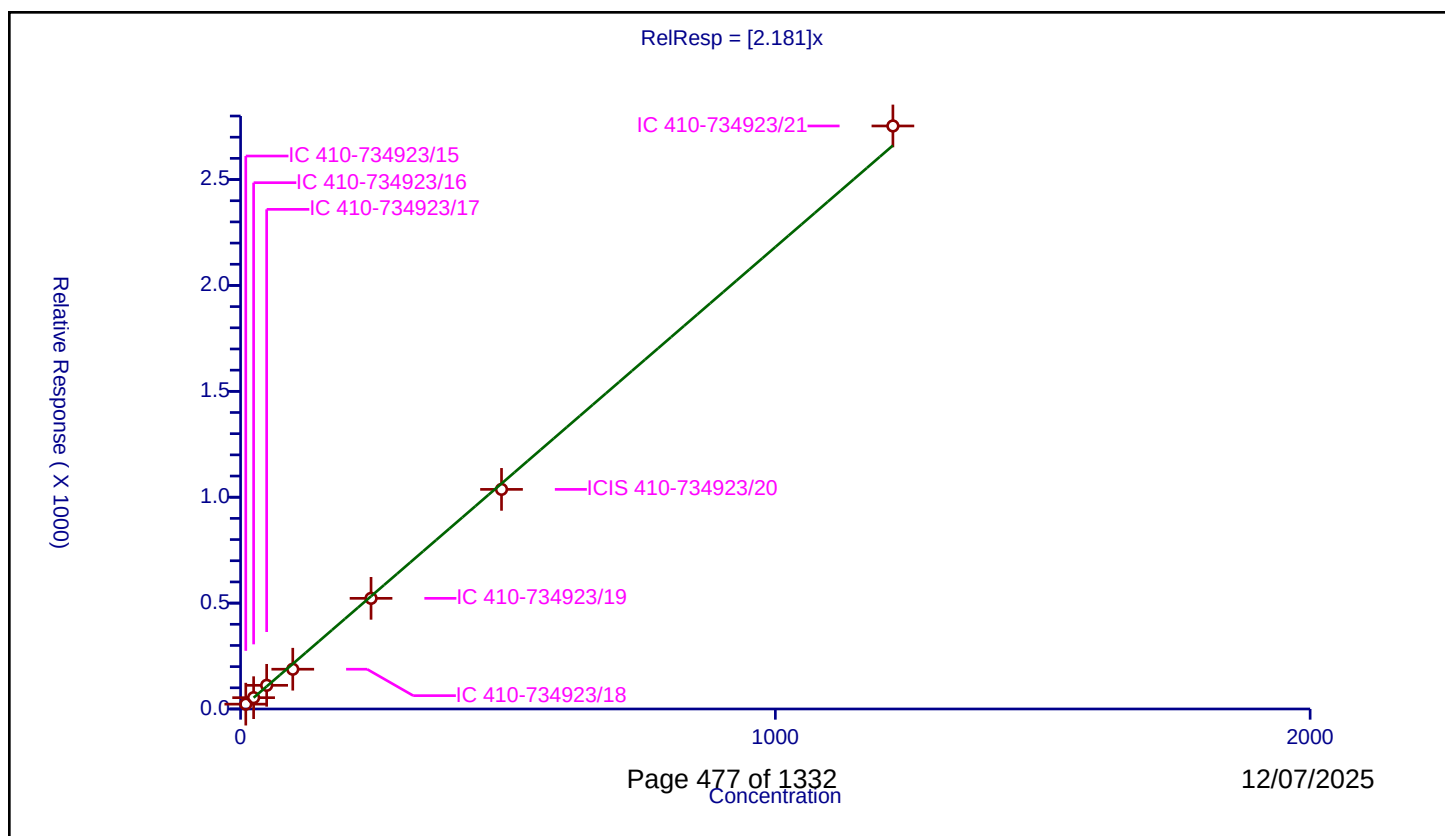
Curve Coefficients

Intercept: 0
Slope: 2.181

Error Coefficients

Relative Standard Deviation: 6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	9.758807	22.837493	49.9983	66382.0	2.340193	Y
2	IC 410-734923/16	24.397017	53.487637	49.9983	67618.0	2.192384	Y
3	IC 410-734923/17	48.794034	111.697909	49.9983	68208.0	2.289171	Y
4	IC 410-734923/18	97.588068	187.791323	49.9983	79776.0	1.924327	Y
5	IC 410-734923/19	243.970171	522.469917	49.9983	74483.0	2.141532	Y
6	ICIS 410-734923/20	487.940342	1036.95356	49.9983	74044.0	2.125165	Y
7	IC 410-734923/21	1219.850856	2753.005009	49.9983	69047.0	2.256837	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

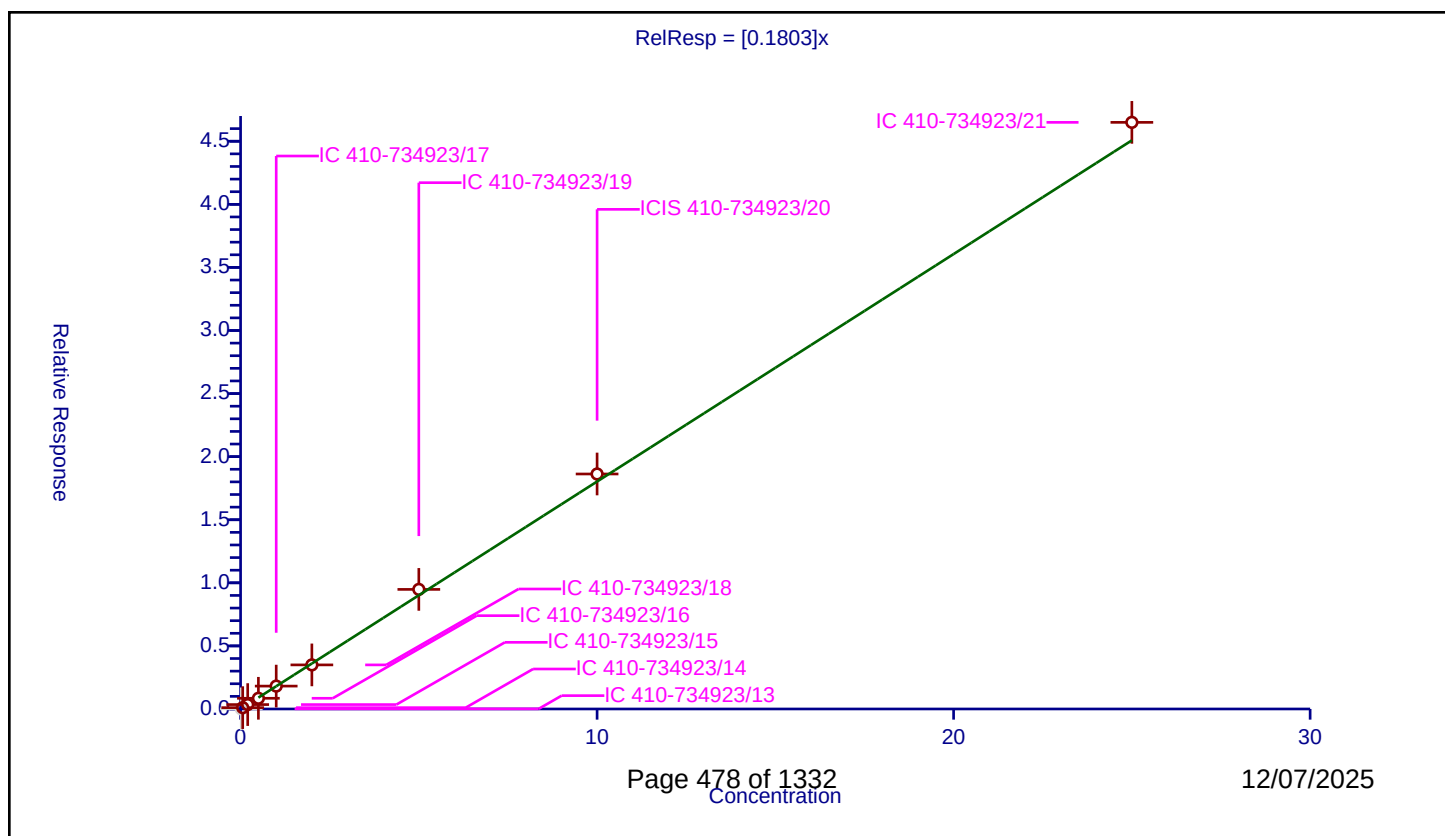
Curve Coefficients

Intercept: 0
Slope: 0.1803

Error Coefficients

Relative Standard Deviation: 3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/13	0.02	0.001212	9.99966	1980012.0	0.060604	N
2	IC 410-734923/14	0.06	0.010773	9.99966	1983618.0	0.179548	Y
3	IC 410-734923/15	0.2	0.035019	9.99966	1982831.0	0.175097	Y
4	IC 410-734923/16	0.5	0.084846	9.99966	1997072.0	0.169693	Y
5	IC 410-734923/17	1.0	0.181408	9.99966	1981930.0	0.181408	Y
6	IC 410-734923/18	2.0	0.349408	9.99966	1973756.0	0.174704	Y
7	IC 410-734923/19	5.0	0.947898	9.99966	1940924.0	0.18958	Y
8	ICIS 410-734923/20	10.0	1.86256	9.99966	1937525.0	0.186256	Y
9	IC 410-734923/21	25.0	4.649645	9.99966	1903627.0	0.185986	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

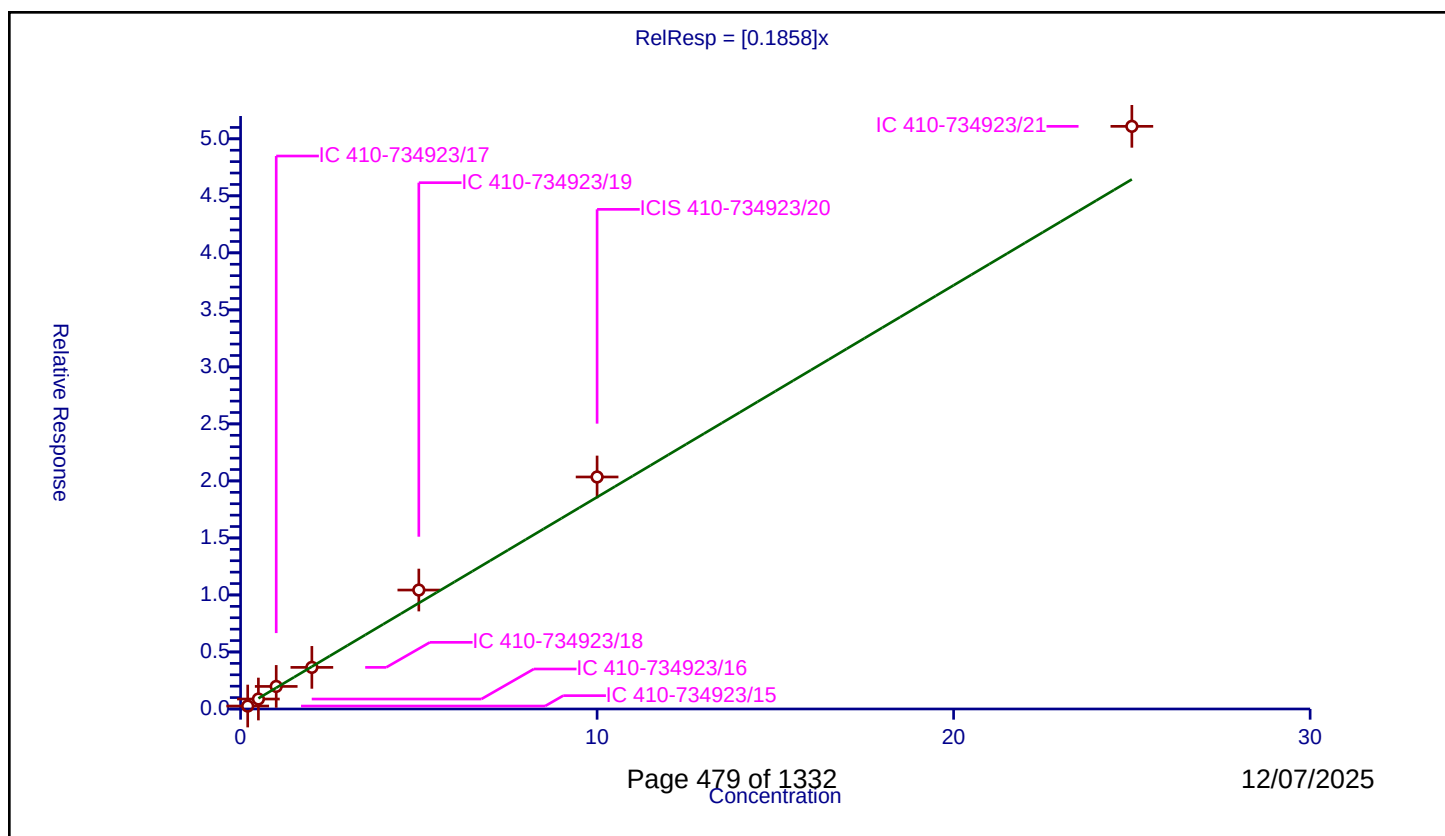
Curve Coefficients

Intercept: 0
 Slope: 0.1858

Error Coefficients

Relative Standard Deviation: 15.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.025785	9.99966	1982831.0	0.128927	Y
2	IC 410-734923/16	0.5	0.08731	9.99966	1997072.0	0.17462	Y
3	IC 410-734923/17	1.0	0.197972	9.99966	1981930.0	0.197972	Y
4	IC 410-734923/18	2.0	0.364886	9.99966	1973756.0	0.182443	Y
5	IC 410-734923/19	5.0	1.043133	9.99966	1940924.0	0.208627	Y
6	ICIS 410-734923/20	10.0	2.034516	9.99966	1937525.0	0.203452	Y
7	IC 410-734923/21	25.0	5.109493	9.99966	1903627.0	0.20438	Y



Calibration

/ Acetone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

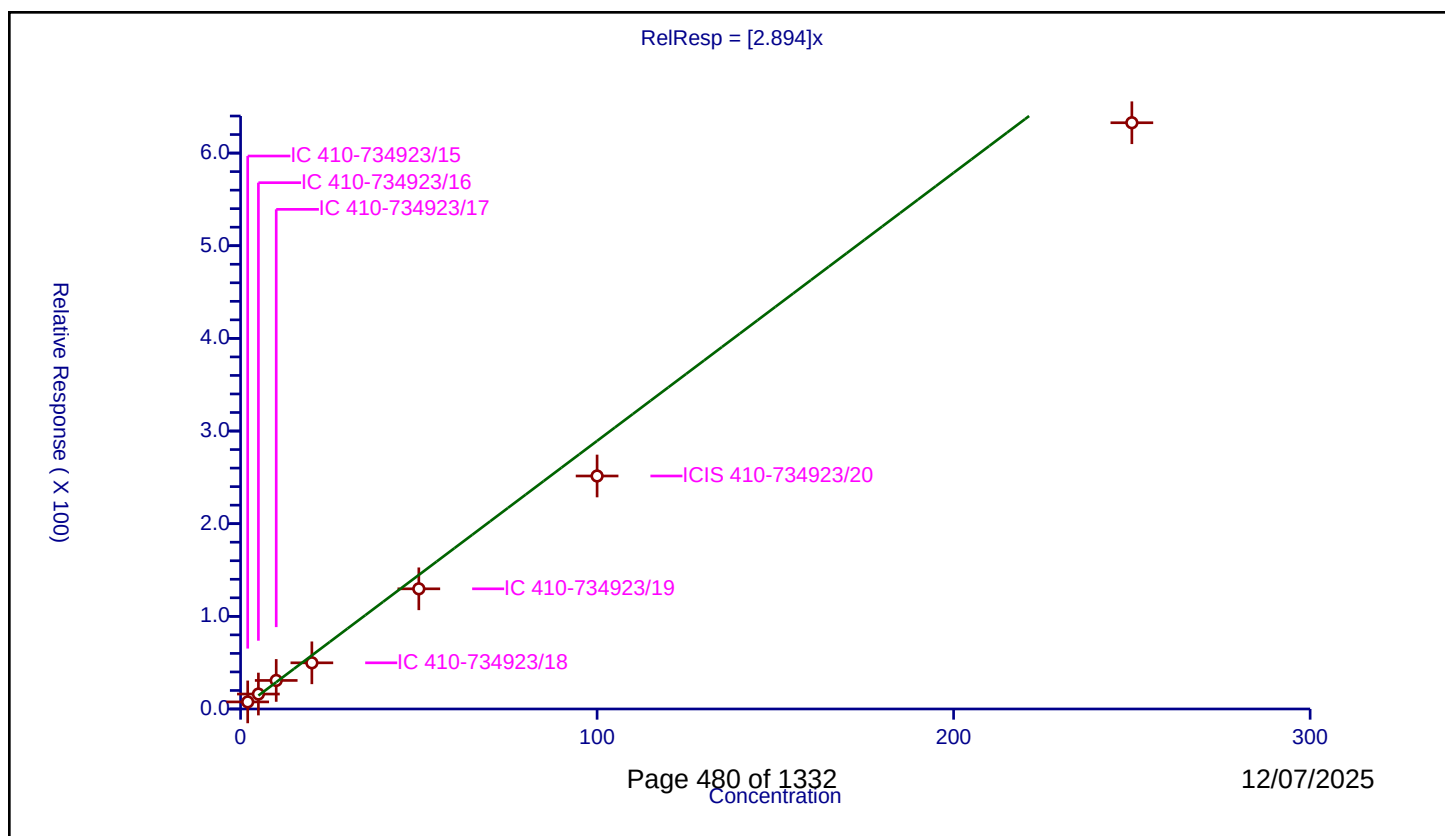
Curve Coefficients

Intercept: 0
Slope: 2.894

Error Coefficients

Relative Standard Deviation: 17.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	2.0	7.639612	49.9983	66382.0	3.819806	Y
2	IC 410-734923/16	5.0	16.120159	49.9983	67618.0	3.224032	Y
3	IC 410-734923/17	10.0	30.803257	49.9983	68208.0	3.080326	Y
4	IC 410-734923/18	20.0	49.822815	49.9983	79776.0	2.491141	Y
5	IC 410-734923/19	50.0	129.692971	49.9983	74483.0	2.593859	Y
6	ICIS 410-734923/20	100.0	251.470975	49.9983	74044.0	2.51471	Y
7	IC 410-734923/21	250.0	632.756159	49.9983	69047.0	2.531025	Y



Calibration

/ Iodomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

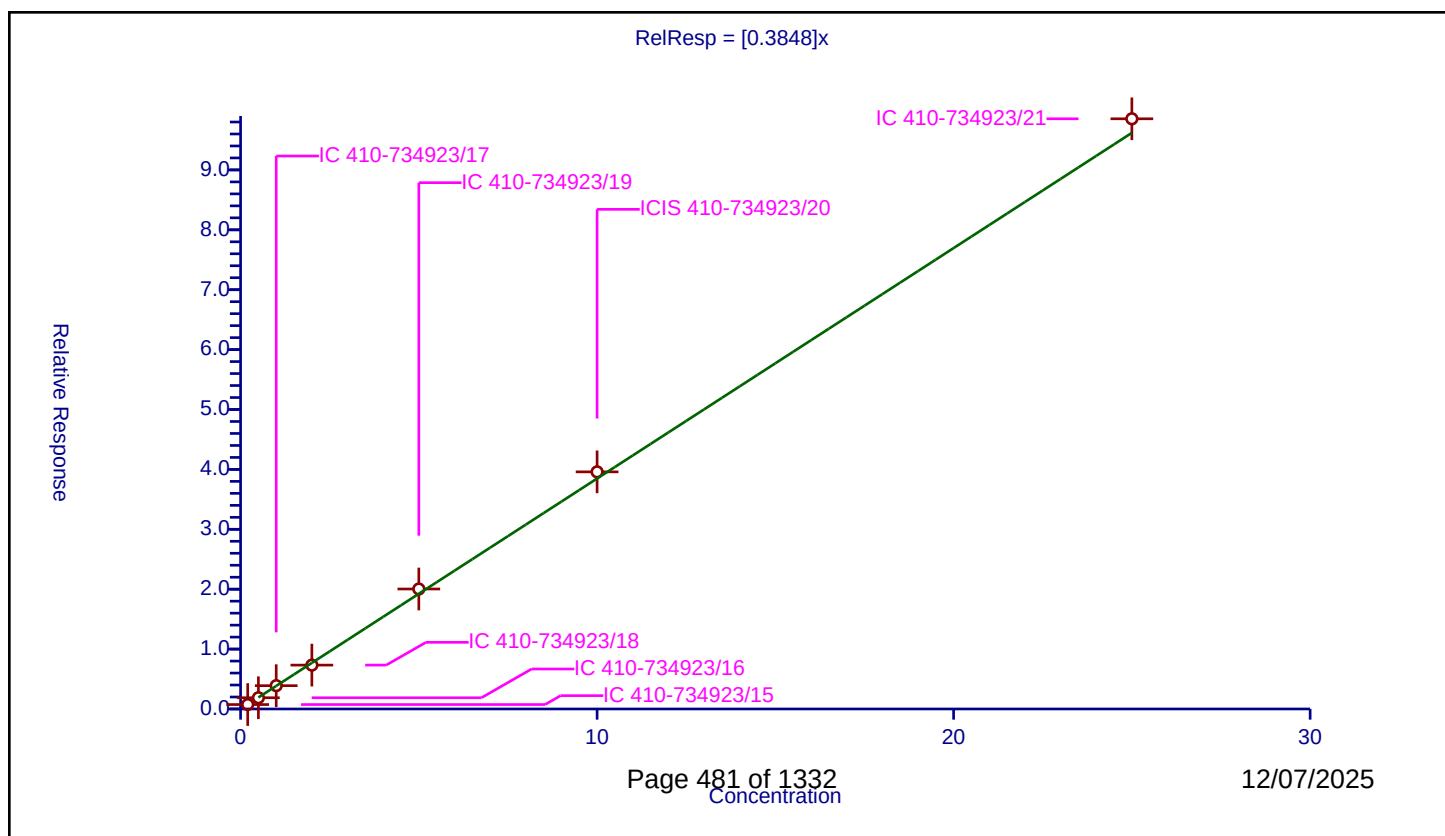
Curve Coefficients

Intercept: 0
 Slope: 0.3848

Error Coefficients

Relative Standard Deviation: 3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.074341	9.99966	1982831.0	0.371703	Y
2	IC 410-734923/16	0.5	0.187769	9.99966	1997072.0	0.375537	Y
3	IC 410-734923/17	1.0	0.389138	9.99966	1981930.0	0.389138	Y
4	IC 410-734923/18	2.0	0.732447	9.99966	1973756.0	0.366223	Y
5	IC 410-734923/19	5.0	2.003168	9.99966	1940924.0	0.400634	Y
6	ICIS 410-734923/20	10.0	3.95903	9.99966	1937525.0	0.395903	Y
7	IC 410-734923/21	25.0	9.85367	9.99966	1903627.0	0.394147	Y



Calibration

/ Ethyl bromide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

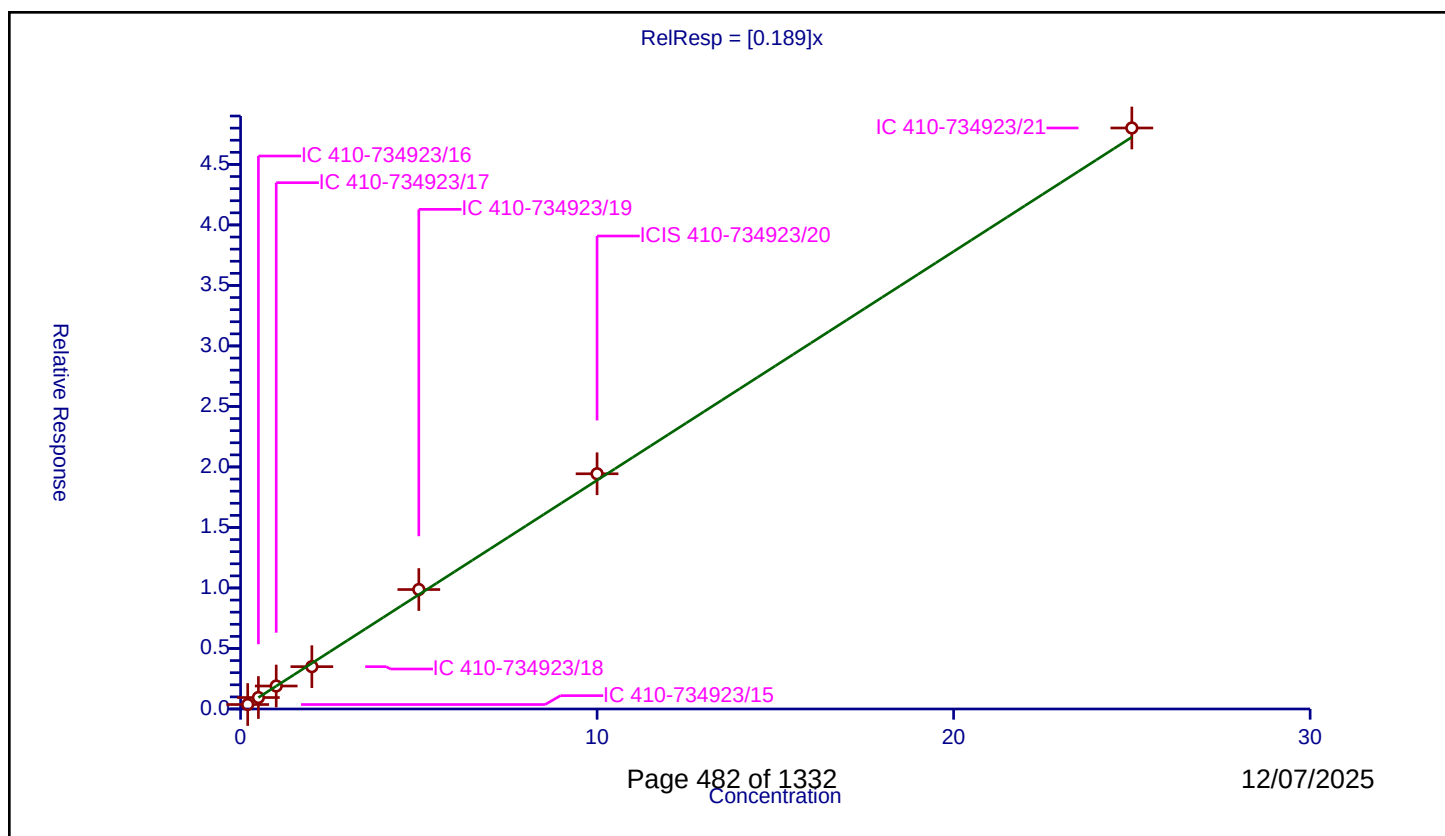
Curve Coefficients

Intercept: 0
Slope: 0.189

Error Coefficients

Relative Standard Deviation: 3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.199993	0.037017	9.99966	1982831.0	0.185089	Y
2	IC 410-734923/16	0.499982	0.0947	9.99966	1997072.0	0.189408	Y
3	IC 410-734923/17	0.999963	0.189849	9.99966	1981930.0	0.189856	Y
4	IC 410-734923/18	1.999926	0.349884	9.99966	1973756.0	0.174949	Y
5	IC 410-734923/19	4.999815	0.987187	9.99966	1940924.0	0.197445	Y
6	ICIS 410-734923/20	9.99963	1.943764	9.99966	1937525.0	0.194384	Y
7	IC 410-734923/21	24.999075	4.801029	9.99966	1903627.0	0.192048	Y



Calibration

/ Carbon disulfide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

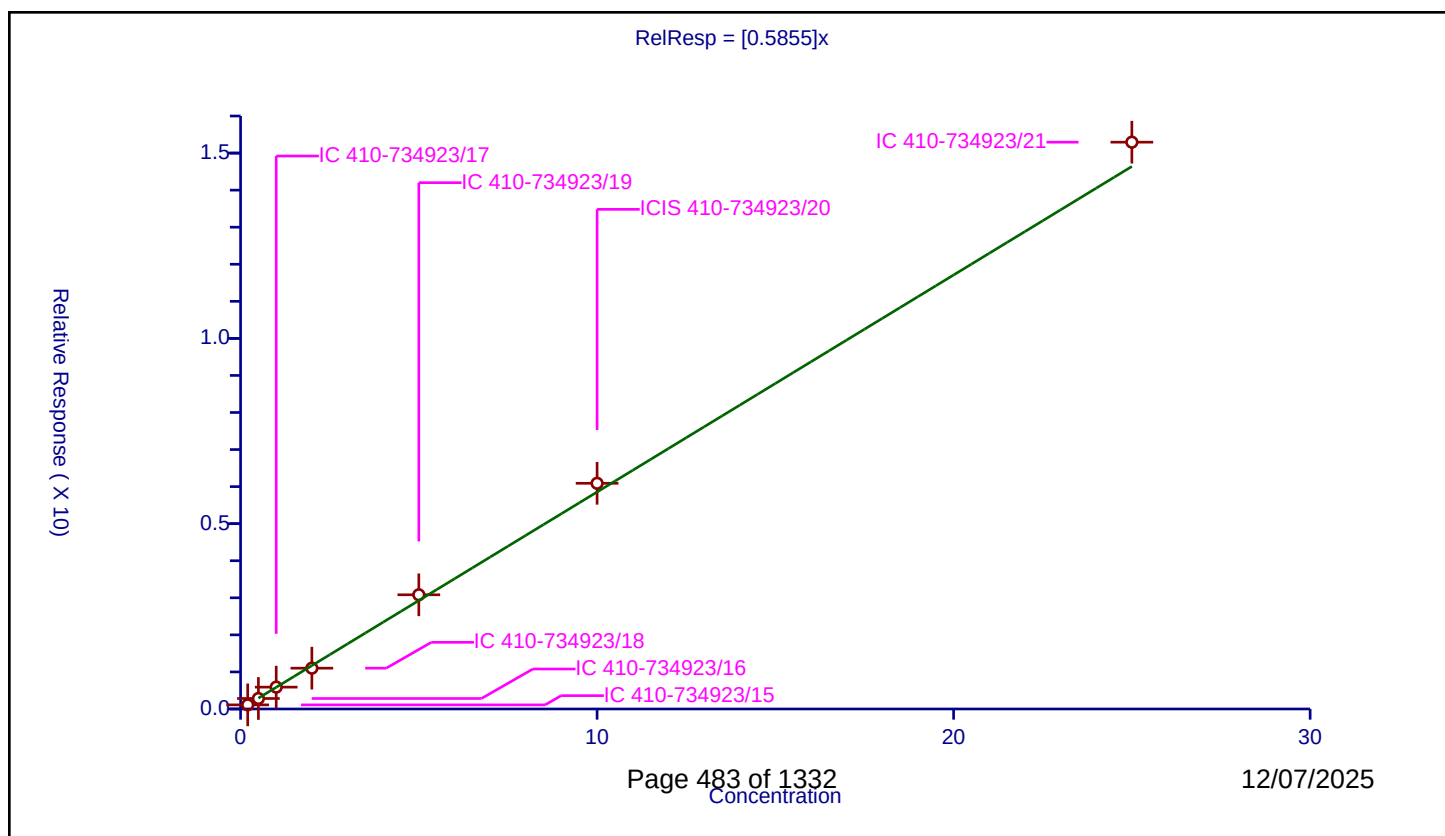
Curve Coefficients

Intercept: 0
Slope: 0.5855

Error Coefficients

Relative Standard Deviation: 4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.11106	9.99966	1982831.0	0.555298	Y
2	IC 410-734923/16	0.5	0.282995	9.99966	1997072.0	0.565989	Y
3	IC 410-734923/17	1.0	0.589915	9.99966	1981930.0	0.589915	Y
4	IC 410-734923/18	2.0	1.101046	9.99966	1973756.0	0.550523	Y
5	IC 410-734923/19	5.0	3.081495	9.99966	1940924.0	0.616299	Y
6	ICIS 410-734923/20	10.0	6.090027	9.99966	1937525.0	0.609003	Y
7	IC 410-734923/21	25.0	15.2938	9.99966	1903627.0	0.611752	Y



Calibration

/ Methyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

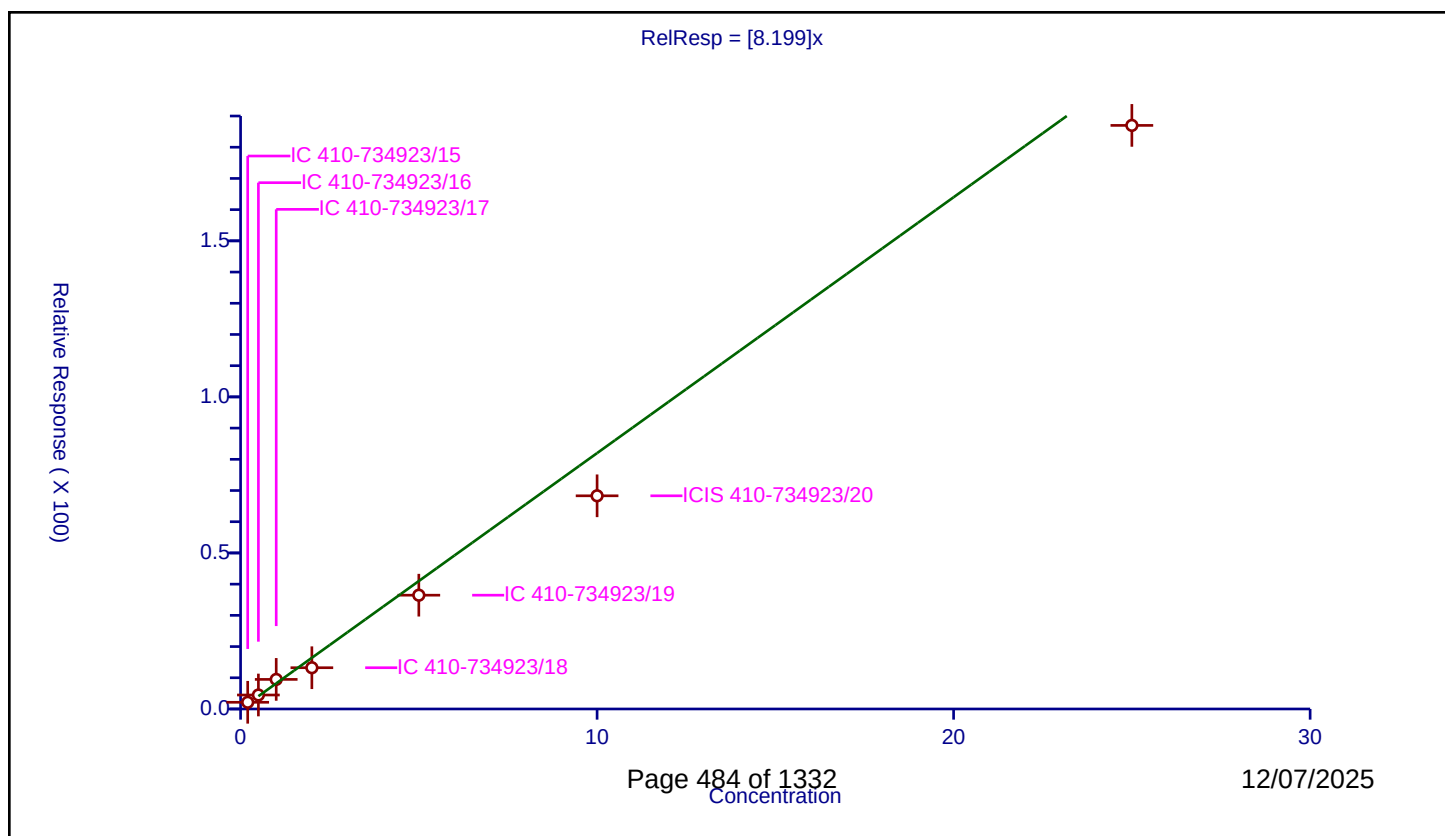
Curve Coefficients

Intercept: 0
Slope: 8.199

Error Coefficients

Relative Standard Deviation: 18.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	2.148853	49.9983	66382.0	10.744264	Y
2	IC 410-734923/16	0.5	4.477945	49.9983	67618.0	8.955891	Y
3	IC 410-734923/17	1.0	9.475839	49.9983	68208.0	9.475839	Y
4	IC 410-734923/18	2.0	13.221572	49.9983	79776.0	6.610786	Y
5	IC 410-734923/19	5.0	36.466813	49.9983	74483.0	7.293363	Y
6	ICIS 410-734923/20	10.0	68.309762	49.9983	74044.0	6.830976	Y
7	IC 410-734923/21	25.0	186.993801	49.9983	69047.0	7.479752	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

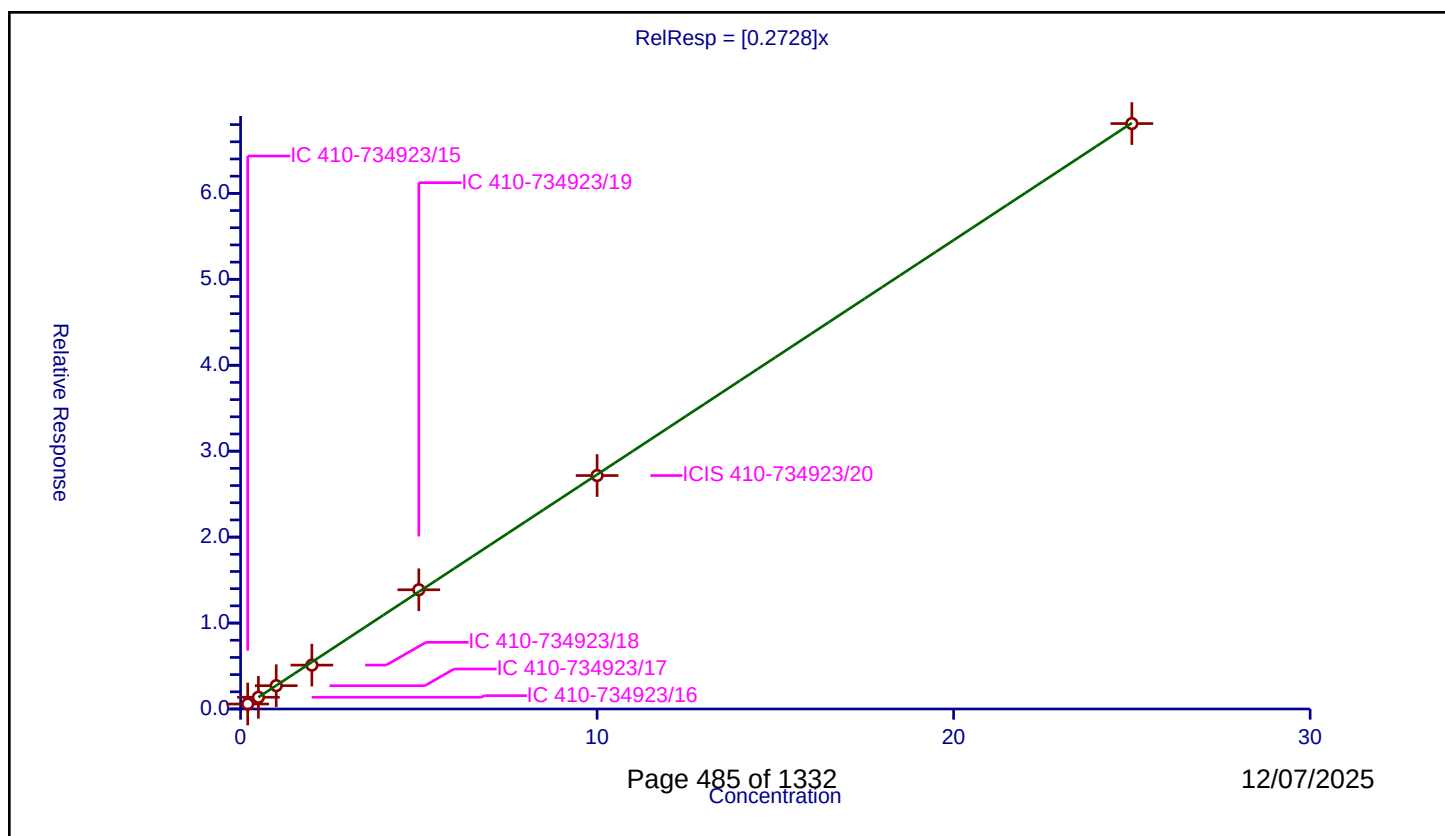
Curve Coefficients

Intercept: 0
Slope: 0.2728

Error Coefficients

Relative Standard Deviation: 3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.057764	9.99966	1982831.0	0.28882	Y
2	IC 410-734923/16	0.5	0.13629	9.99966	1997072.0	0.27258	Y
3	IC 410-734923/17	1.0	0.271161	9.99966	1981930.0	0.271161	Y
4	IC 410-734923/18	2.0	0.510593	9.99966	1973756.0	0.255296	Y
5	IC 410-734923/19	5.0	1.38722	9.99966	1940924.0	0.277444	Y
6	ICIS 410-734923/20	10.0	2.716482	9.99966	1937525.0	0.271648	Y
7	IC 410-734923/21	25.0	6.812216	9.99966	1903627.0	0.272489	Y



Calibration

/ Methylene Chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

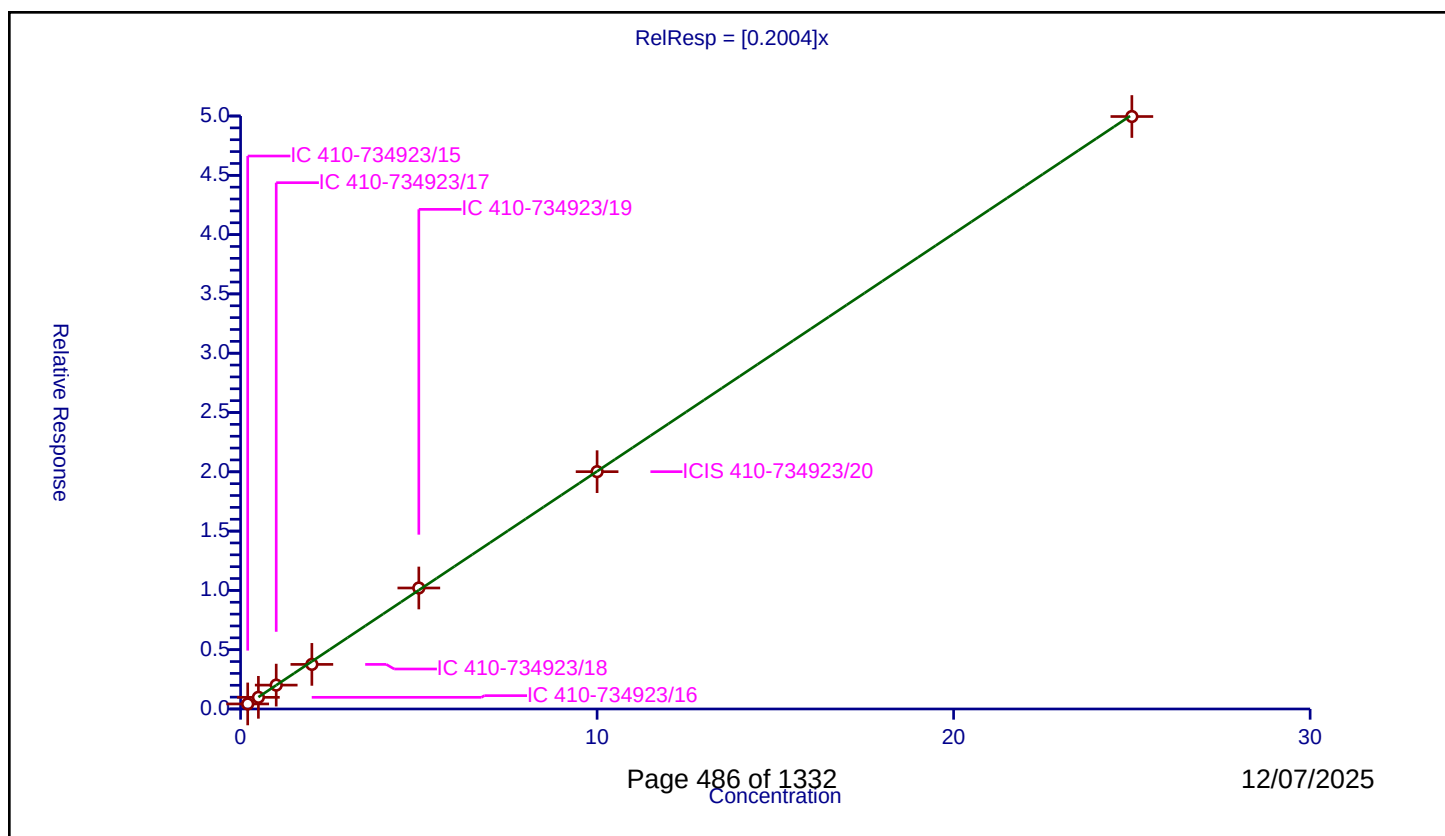
Curve Coefficients

Intercept: 0
Slope: 0.2004

Error Coefficients

Relative Standard Deviation: 3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.042524	9.99966	1982831.0	0.212618	Y
2	IC 410-734923/16	0.5	0.098361	9.99966	1997072.0	0.196721	Y
3	IC 410-734923/17	1.0	0.201433	9.99966	1981930.0	0.201433	Y
4	IC 410-734923/18	2.0	0.376052	9.99966	1973756.0	0.188026	Y
5	IC 410-734923/19	5.0	1.020381	9.99966	1940924.0	0.204076	Y
6	ICIS 410-734923/20	10.0	2.001042	9.99966	1937525.0	0.200104	Y
7	IC 410-734923/21	25.0	4.995772	9.99966	1903627.0	0.199831	Y



Calibration

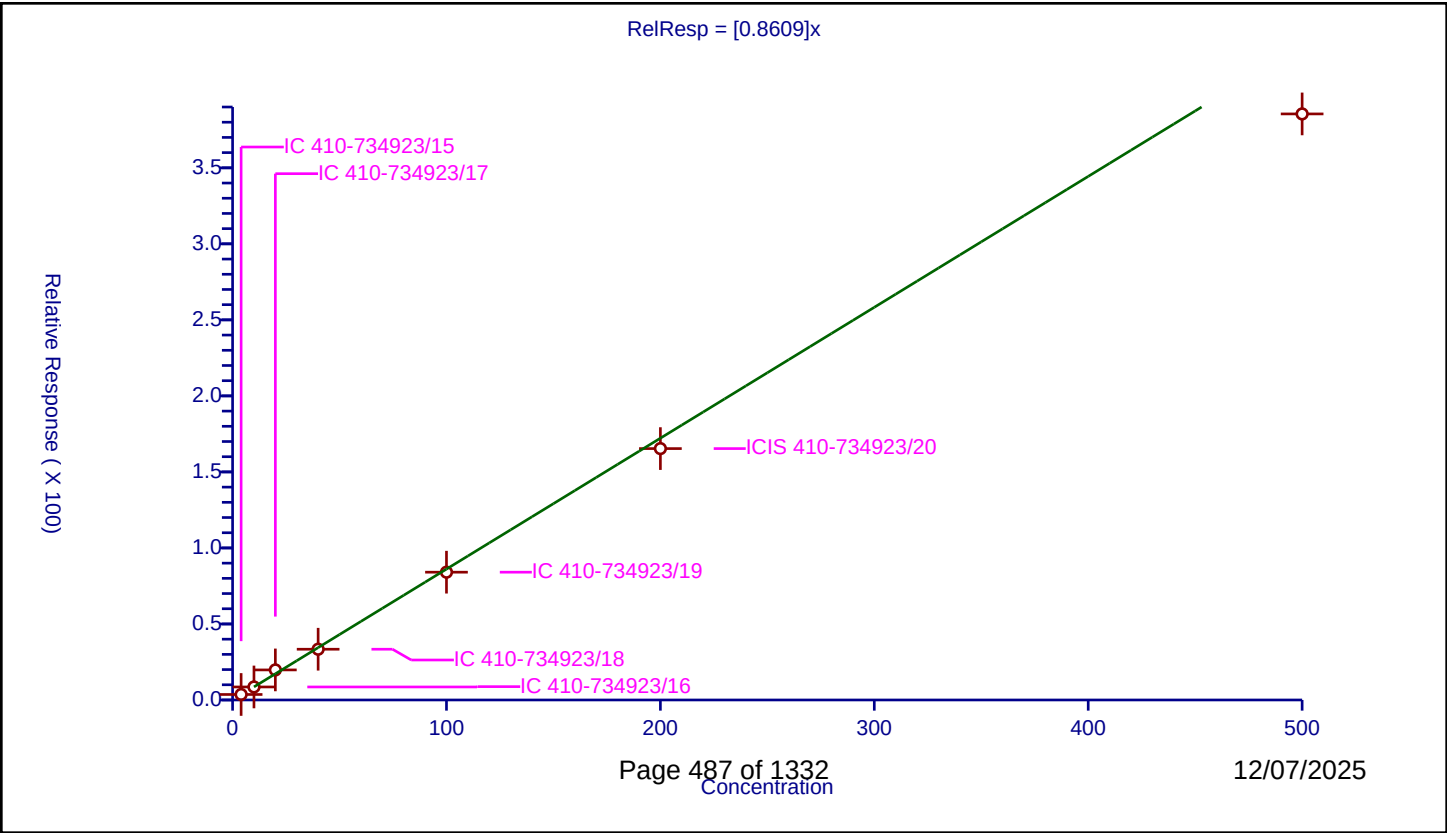
/ 2-Methyl-2-propanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8609
Error Coefficients	

Relative Standard Deviation: 8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	4.0	3.628872	49.9983	66382.0	0.907218	Y
2	IC 410-734923/16	10.0	8.574348	49.9983	67618.0	0.857435	Y
3	IC 410-734923/17	20.0	19.777799	49.9983	68208.0	0.98889	Y
4	IC 410-734923/18	40.0	33.381712	49.9983	79776.0	0.834543	Y
5	IC 410-734923/19	100.0	84.059277	49.9983	74483.0	0.840593	Y
6	ICIS 410-734923/20	200.0	165.347411	49.9983	74044.0	0.826737	Y
7	IC 410-734923/21	500.0	385.465626	49.9983	69047.0	0.770931	Y



Calibration

/ Acrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

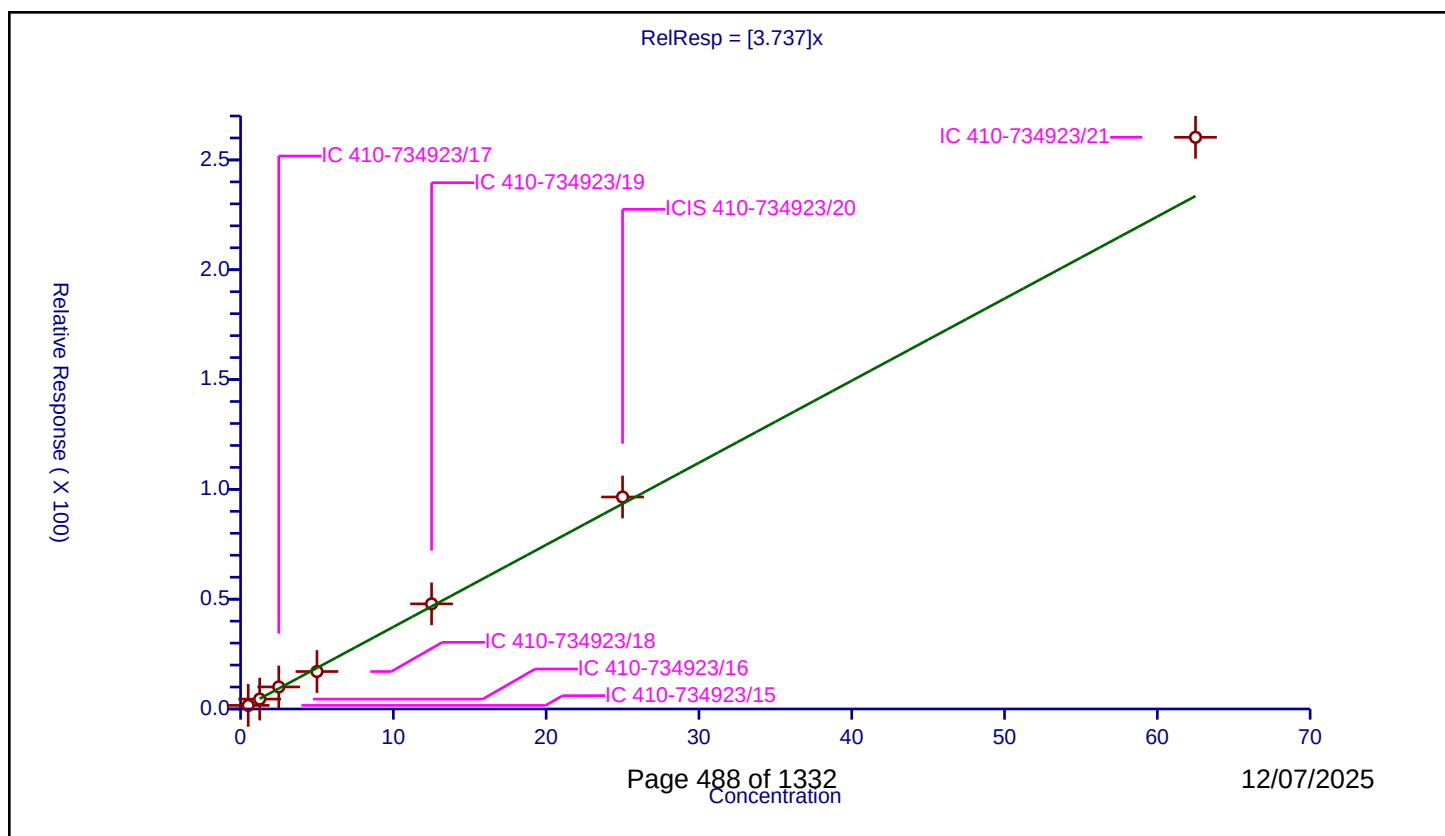
Curve Coefficients

Intercept: 0
Slope: 3.737

Error Coefficients

Relative Standard Deviation: 8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.5	1.629151	49.9983	66382.0	3.258303	Y
2	IC 410-734923/16	1.25	4.514177	49.9983	67618.0	3.611342	Y
3	IC 410-734923/17	2.5	10.048333	49.9983	68208.0	4.019333	Y
4	IC 410-734923/18	5.0	17.069716	49.9983	79776.0	3.413943	Y
5	IC 410-734923/19	12.5	47.869027	49.9983	74483.0	3.829522	Y
6	ICIS 410-734923/20	25.0	96.518381	49.9983	74044.0	3.860735	Y
7	IC 410-734923/21	62.5	260.31238	49.9983	69047.0	4.164998	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

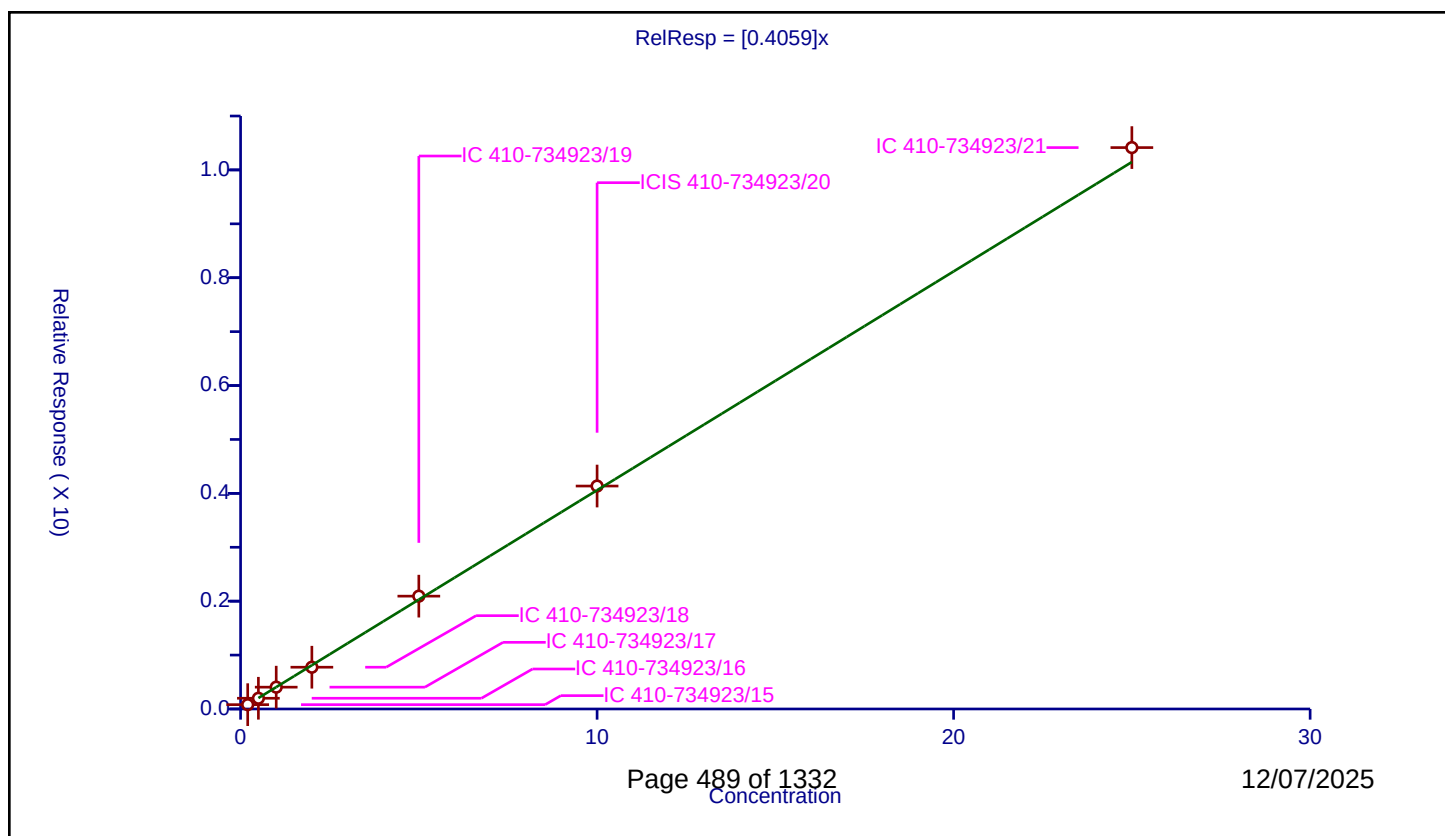
Curve Coefficients

Intercept: 0
Slope: 0.4059

Error Coefficients

Relative Standard Deviation: 2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.080367	9.99966	1982831.0	0.401836	Y
2	IC 410-734923/16	0.5	0.198899	9.99966	1997072.0	0.397799	Y
3	IC 410-734923/17	1.0	0.405117	9.99966	1981930.0	0.405117	Y
4	IC 410-734923/18	2.0	0.774958	9.99966	1973756.0	0.387479	Y
5	IC 410-734923/19	5.0	2.09321	9.99966	1940924.0	0.418642	Y
6	ICIS 410-734923/20	10.0	4.13562	9.99966	1937525.0	0.413562	Y
7	IC 410-734923/21	25.0	10.414344	9.99966	1903627.0	0.416574	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

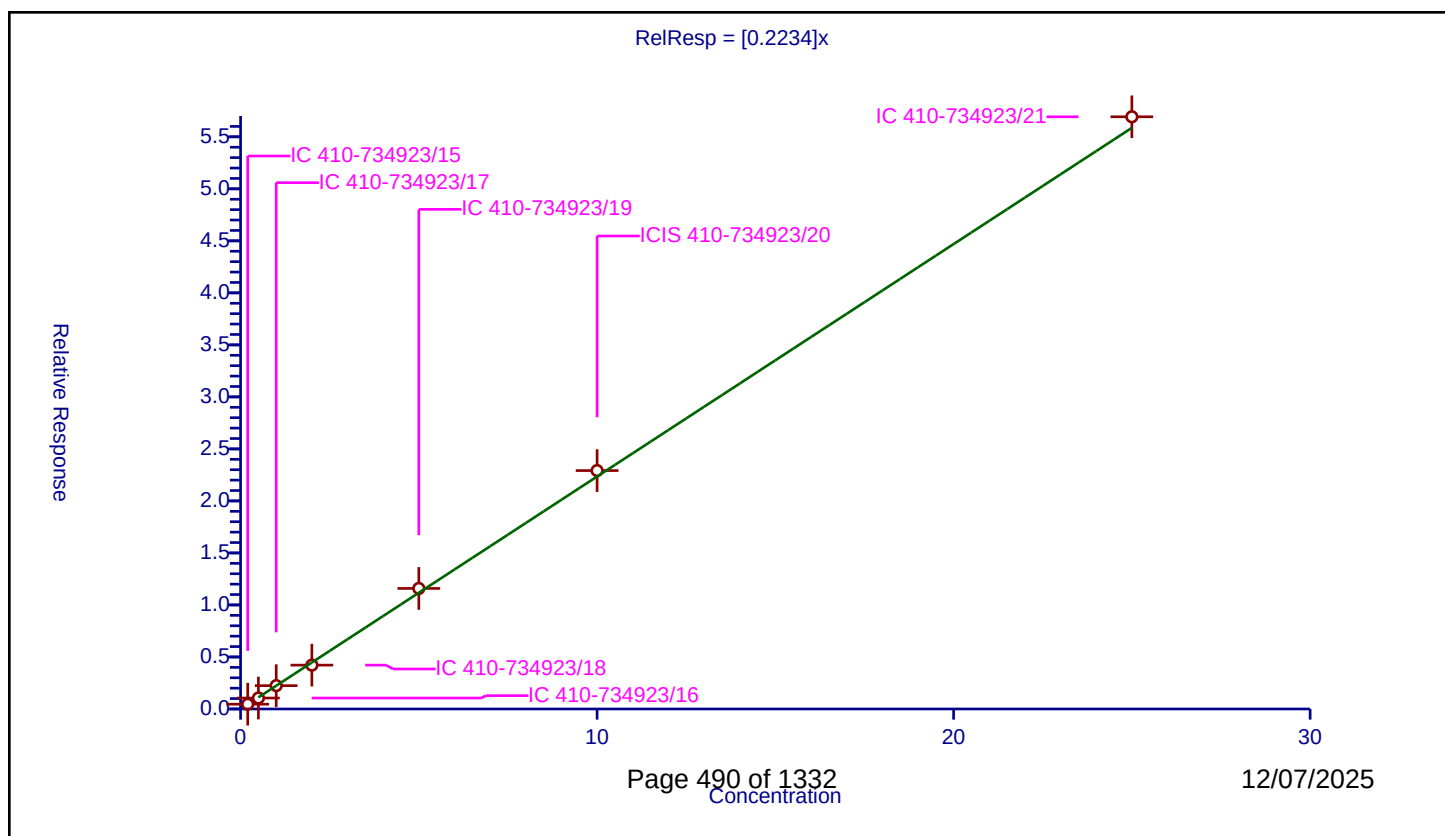
Curve Coefficients

Intercept: 0
Slope: 0.2234

Error Coefficients

Relative Standard Deviation: 4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.045993	9.99966	1982831.0	0.229966	Y
2	IC 410-734923/16	0.5	0.105145	9.99966	1997072.0	0.210291	Y
3	IC 410-734923/17	1.0	0.224476	9.99966	1981930.0	0.224476	Y
4	IC 410-734923/18	2.0	0.421583	9.99966	1973756.0	0.210791	Y
5	IC 410-734923/19	5.0	1.158692	9.99966	1940924.0	0.231738	Y
6	ICIS 410-734923/20	10.0	2.291696	9.99966	1937525.0	0.22917	Y
7	IC 410-734923/21	25.0	5.692576	9.99966	1903627.0	0.227703	Y



Calibration

/ Hexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

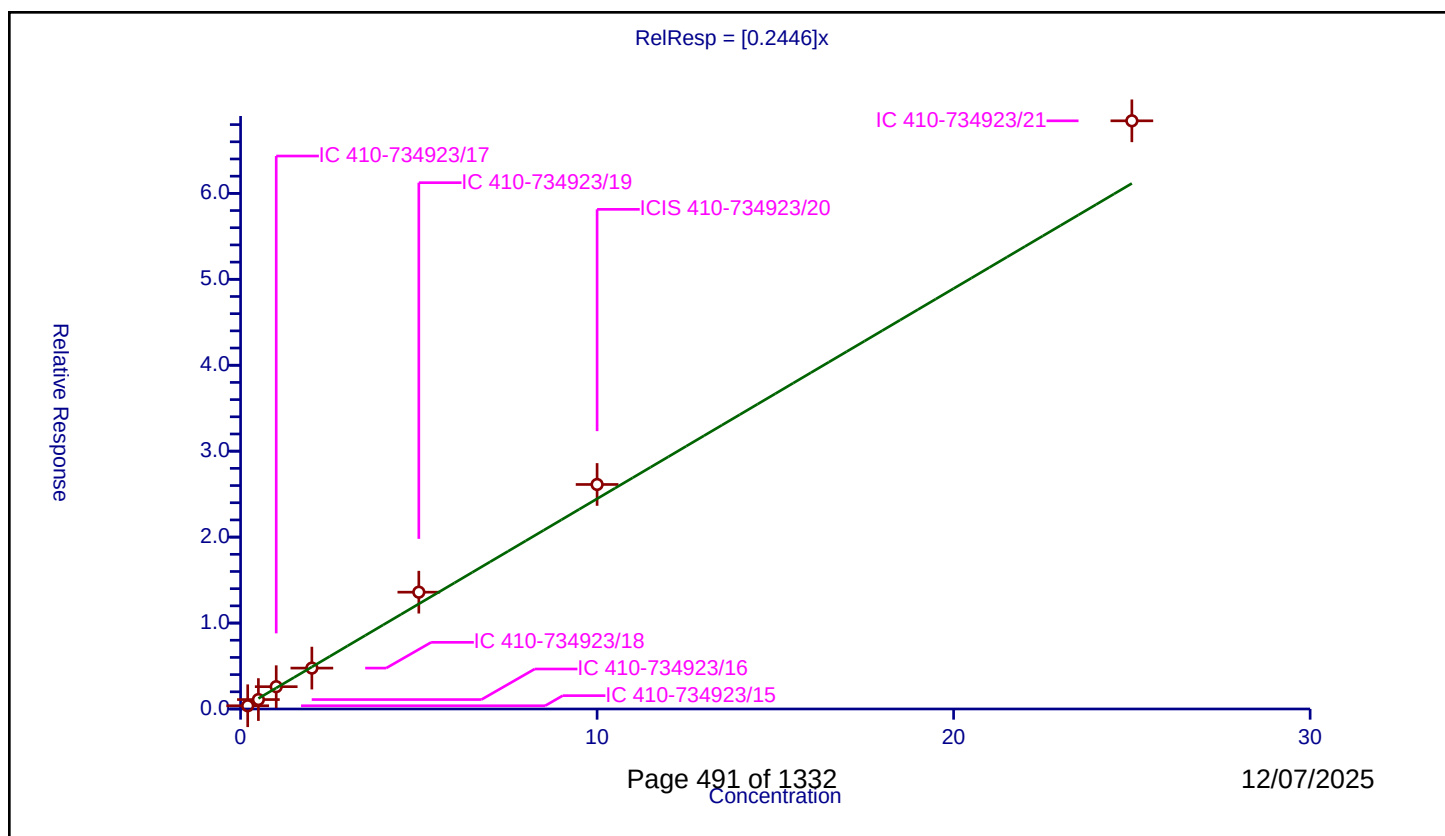
Curve Coefficients

Intercept: 0
Slope: 0.2446

Error Coefficients

Relative Standard Deviation: 12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.037637	9.99966	1982831.0	0.188184	Y
2	IC 410-734923/16	0.5	0.109812	9.99966	1997072.0	0.219624	Y
3	IC 410-734923/17	1.0	0.259688	9.99966	1981930.0	0.259688	Y
4	IC 410-734923/18	2.0	0.475934	9.99966	1973756.0	0.237967	Y
5	IC 410-734923/19	5.0	1.359353	9.99966	1940924.0	0.271871	Y
6	ICIS 410-734923/20	10.0	2.612435	9.99966	1937525.0	0.261243	Y
7	IC 410-734923/21	25.0	6.844055	9.99966	1903627.0	0.273762	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

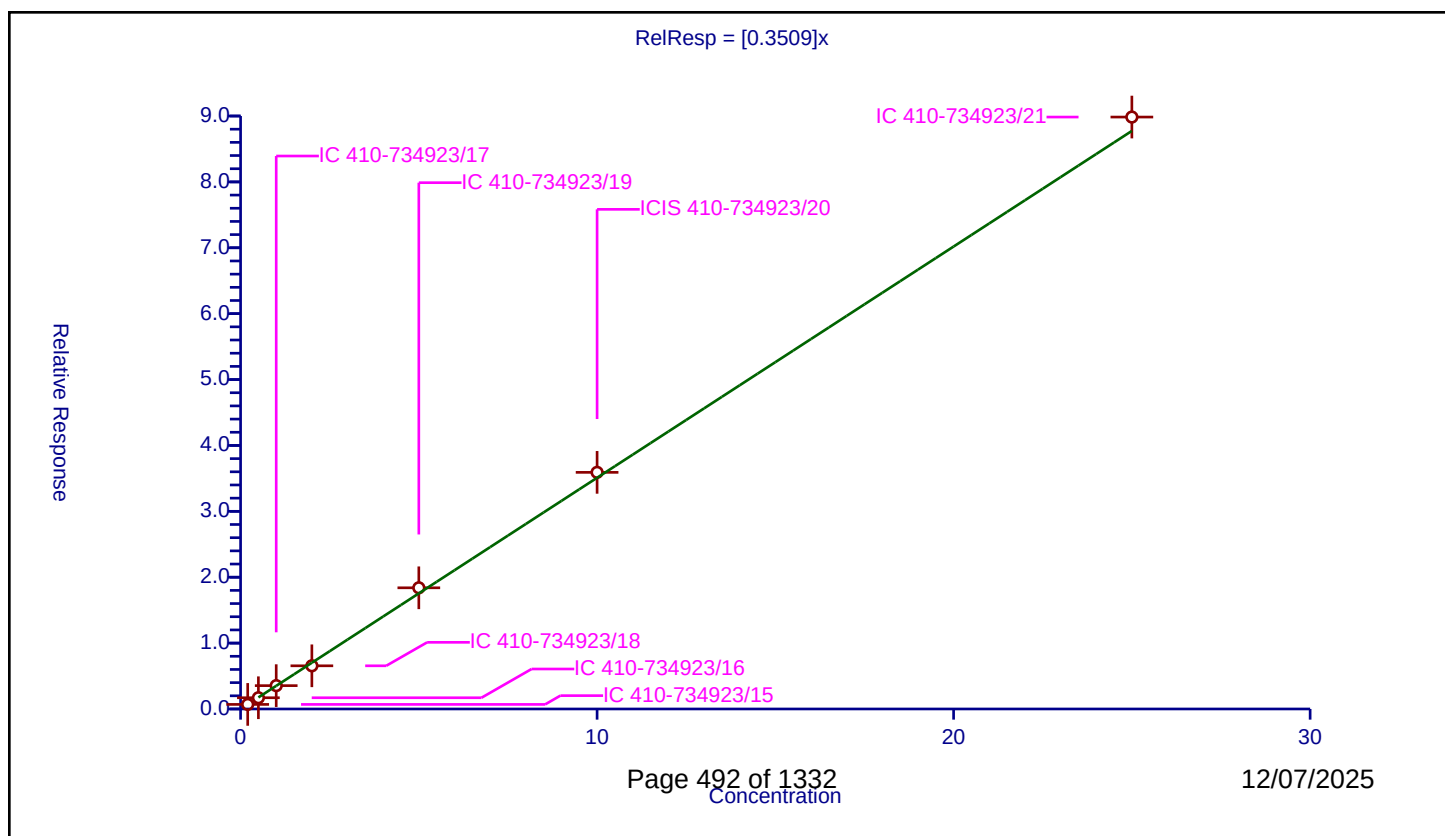
Curve Coefficients

Intercept: 0
Slope: 0.3509

Error Coefficients

Relative Standard Deviation: 3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.069419	9.99966	1982831.0	0.347093	Y
2	IC 410-734923/16	0.5	0.170589	9.99966	1997072.0	0.341178	Y
3	IC 410-734923/17	1.0	0.354178	9.99966	1981930.0	0.354178	Y
4	IC 410-734923/18	2.0	0.655586	9.99966	1973756.0	0.327793	Y
5	IC 410-734923/19	5.0	1.839262	9.99966	1940924.0	0.367852	Y
6	ICIS 410-734923/20	10.0	3.591532	9.99966	1937525.0	0.359153	Y
7	IC 410-734923/21	25.0	8.984359	9.99966	1903627.0	0.359374	Y



Calibration

/ Isopropyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

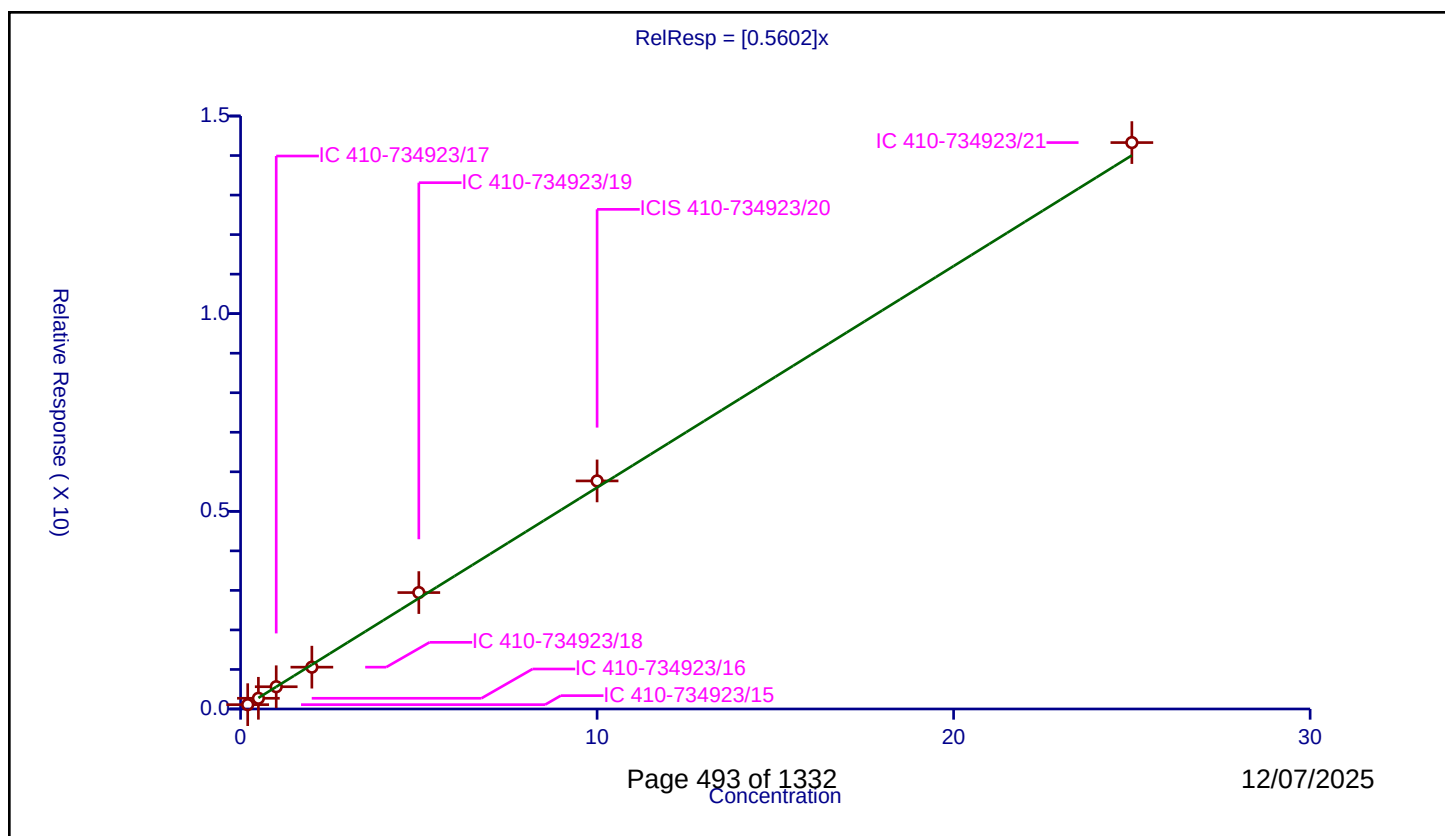
Curve Coefficients

Intercept: 0
 Slope: 0.5602

Error Coefficients

Relative Standard Deviation: 3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.109829	9.99966	1982831.0	0.549146	Y
2	IC 410-734923/16	0.5	0.270522	9.99966	1997072.0	0.541044	Y
3	IC 410-734923/17	1.0	0.562998	9.99966	1981930.0	0.562998	Y
4	IC 410-734923/18	2.0	1.057998	9.99966	1973756.0	0.528999	Y
5	IC 410-734923/19	5.0	2.944956	9.99966	1940924.0	0.588991	Y
6	ICIS 410-734923/20	10.0	5.768891	9.99966	1937525.0	0.576889	Y
7	IC 410-734923/21	25.0	14.327808	9.99966	1903627.0	0.573112	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

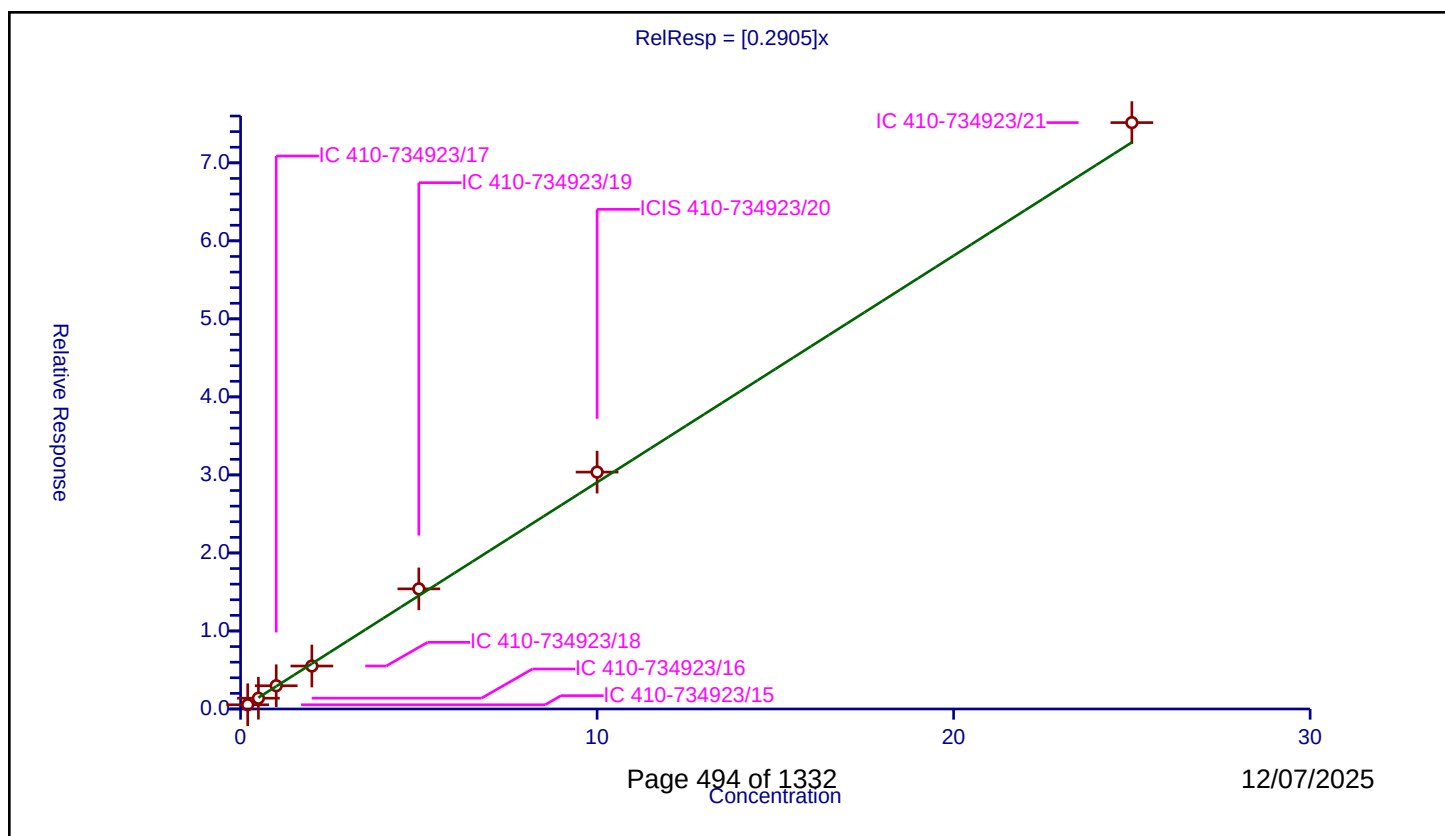
Curve Coefficients

Intercept: 0
Slope: 0.2905

Error Coefficients

Relative Standard Deviation: 5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.054274	9.99966	1982831.0	0.27137	Y
2	IC 410-734923/16	0.5	0.138323	9.99966	1997072.0	0.276646	Y
3	IC 410-734923/17	1.0	0.297826	9.99966	1981930.0	0.297826	Y
4	IC 410-734923/18	2.0	0.550931	9.99966	1973756.0	0.275465	Y
5	IC 410-734923/19	5.0	1.539415	9.99966	1940924.0	0.307883	Y
6	ICIS 410-734923/20	10.0	3.036322	9.99966	1937525.0	0.303632	Y
7	IC 410-734923/21	25.0	7.515702	9.99966	1903627.0	0.300628	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

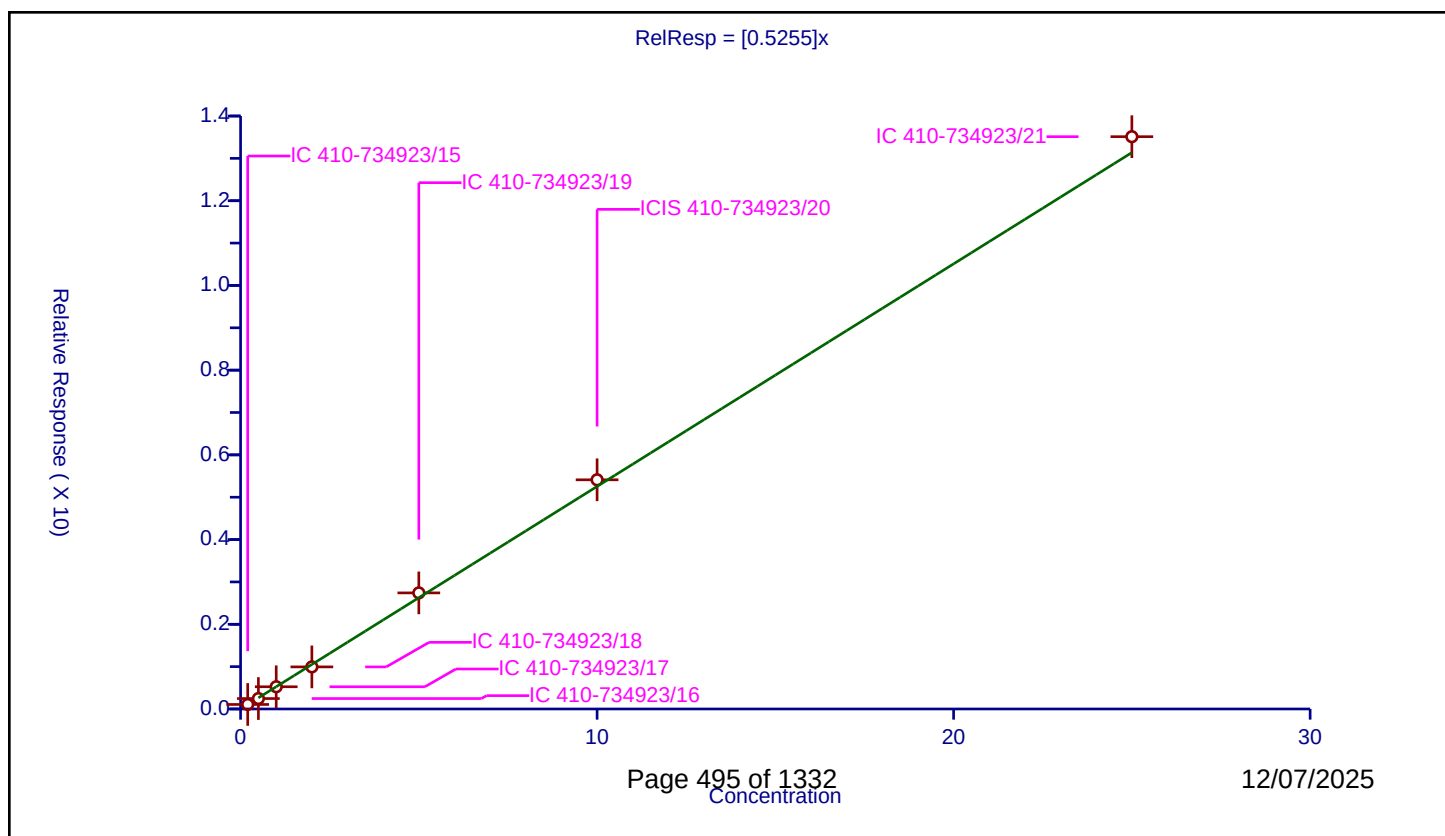
Curve Coefficients

Intercept: 0
Slope: 0.5255

Error Coefficients

Relative Standard Deviation: 4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.106748	9.99966	1982831.0	0.533739	Y
2	IC 410-734923/16	0.5	0.246563	9.99966	1997072.0	0.493125	Y
3	IC 410-734923/17	1.0	0.524698	9.99966	1981930.0	0.524698	Y
4	IC 410-734923/18	2.0	0.993888	9.99966	1973756.0	0.496944	Y
5	IC 410-734923/19	5.0	2.741199	9.99966	1940924.0	0.54824	Y
6	ICIS 410-734923/20	10.0	5.410951	9.99966	1937525.0	0.541095	Y
7	IC 410-734923/21	25.0	13.511746	9.99966	1903627.0	0.54047	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

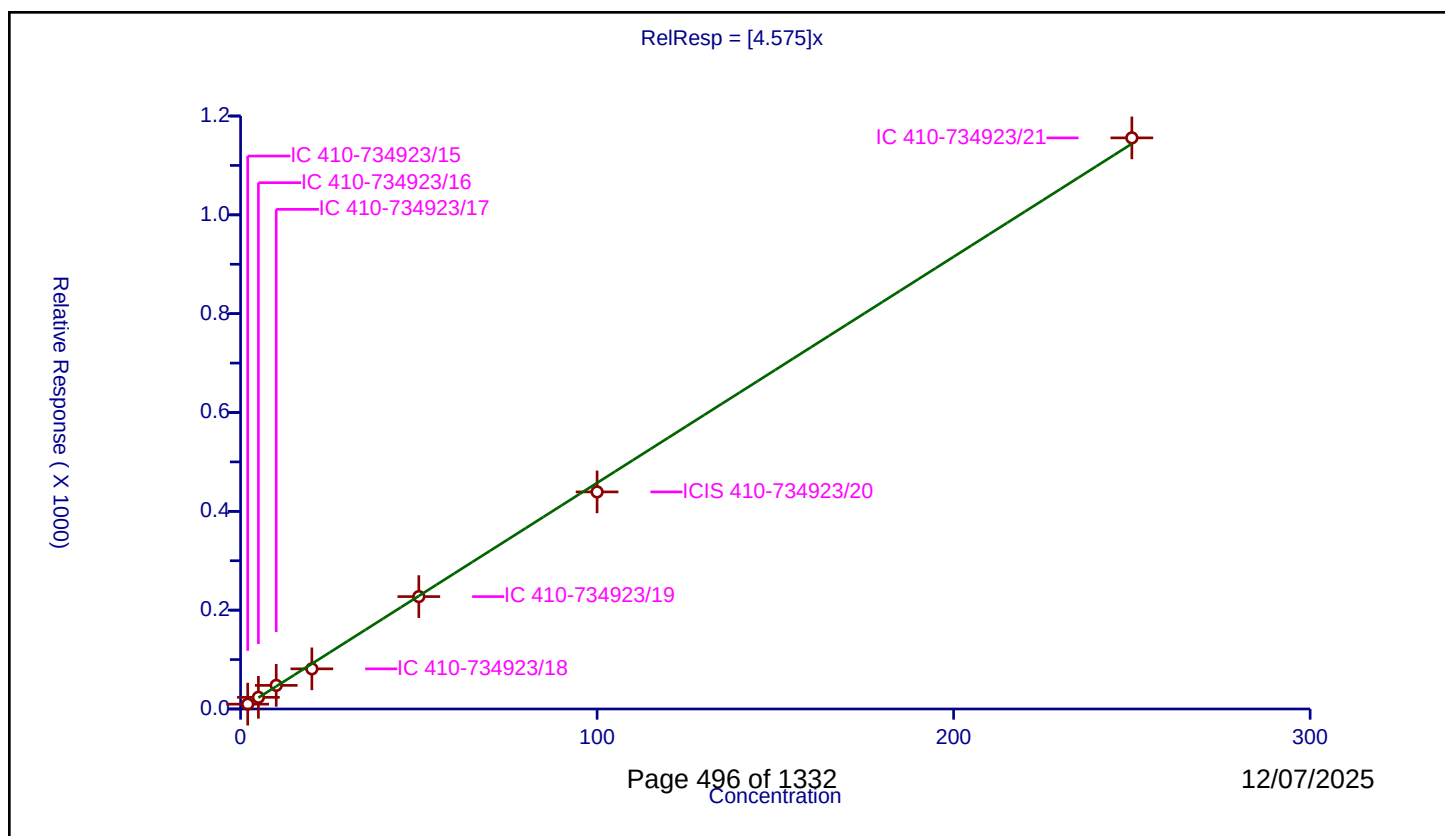
Curve Coefficients

Intercept: 0
Slope: 4.575

Error Coefficients

Relative Standard Deviation: 6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	2.0	9.79675	49.9983	66382.0	4.898375	Y
2	IC 410-734923/16	5.0	23.621605	49.9983	67618.0	4.724321	Y
3	IC 410-734923/17	10.0	47.777961	49.9983	68208.0	4.777796	Y
4	IC 410-734923/18	20.0	81.253505	49.9983	79776.0	4.062675	Y
5	IC 410-734923/19	50.0	227.462964	49.9983	74483.0	4.549259	Y
6	ICIS 410-734923/20	100.0	439.288721	49.9983	74044.0	4.392887	Y
7	IC 410-734923/21	250.0	1155.756031	49.9983	69047.0	4.623024	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

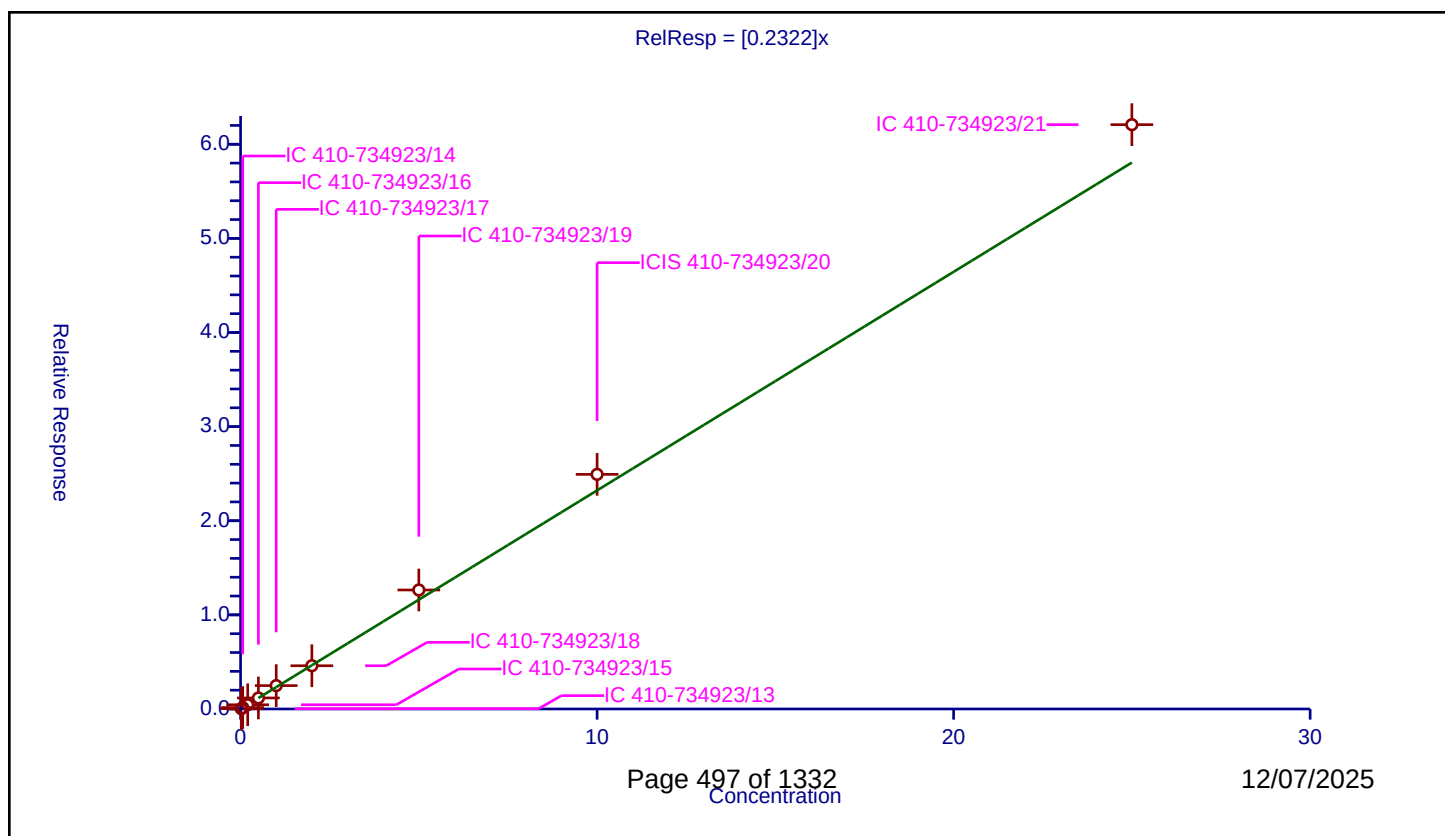
Curve Coefficients

Intercept: 0
Slope: 0.2322

Error Coefficients

Relative Standard Deviation: 12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/13	0.02	0.003131	9.99966	1980012.0	0.156559	Y
2	IC 410-734923/14	0.06	0.014781	9.99966	1983618.0	0.246343	Y
3	IC 410-734923/15	0.2	0.044879	9.99966	1982831.0	0.224394	Y
4	IC 410-734923/16	0.5	0.117112	9.99966	1997072.0	0.234225	Y
5	IC 410-734923/17	1.0	0.248239	9.99966	1981930.0	0.248239	Y
6	IC 410-734923/18	2.0	0.459428	9.99966	1973756.0	0.229714	Y
7	IC 410-734923/19	5.0	1.264375	9.99966	1940924.0	0.252875	Y
8	ICIS 410-734923/20	10.0	2.492766	9.99966	1937525.0	0.249277	Y
9	IC 410-734923/21	25.0	6.208316	9.99966	1903627.0	0.248333	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

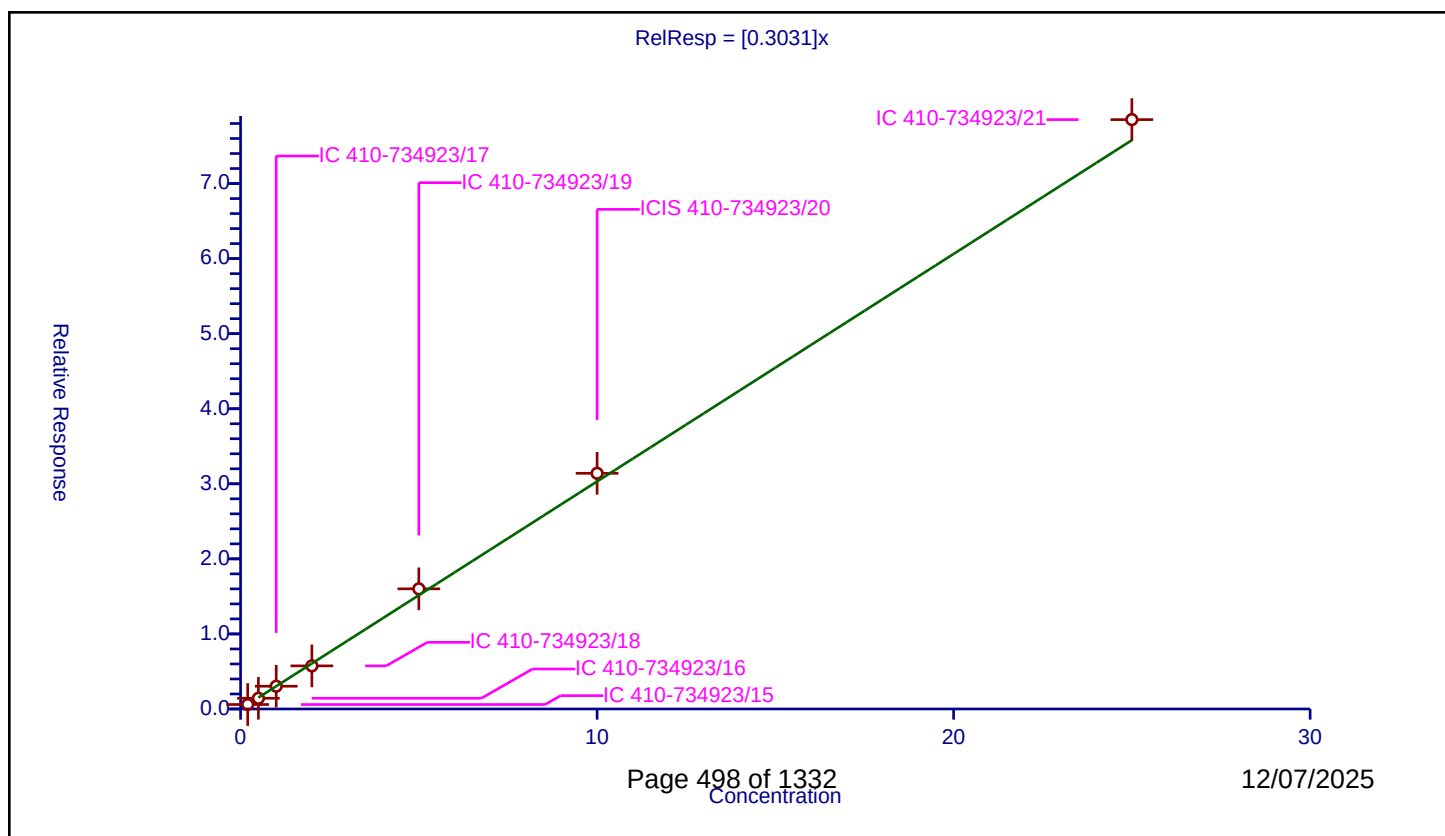
Curve Coefficients

Intercept: 0
Slope: 0.3031

Error Coefficients

Relative Standard Deviation: 4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.059489	9.99966	1982831.0	0.297443	Y
2	IC 410-734923/16	0.5	0.142899	9.99966	1997072.0	0.285799	Y
3	IC 410-734923/17	1.0	0.30325	9.99966	1981930.0	0.30325	Y
4	IC 410-734923/18	2.0	0.574383	9.99966	1973756.0	0.287191	Y
5	IC 410-734923/19	5.0	1.600544	9.99966	1940924.0	0.320109	Y
6	ICIS 410-734923/20	10.0	3.140044	9.99966	1937525.0	0.314004	Y
7	IC 410-734923/21	25.0	7.852169	9.99966	1903627.0	0.314087	Y



Calibration

/ Propionitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

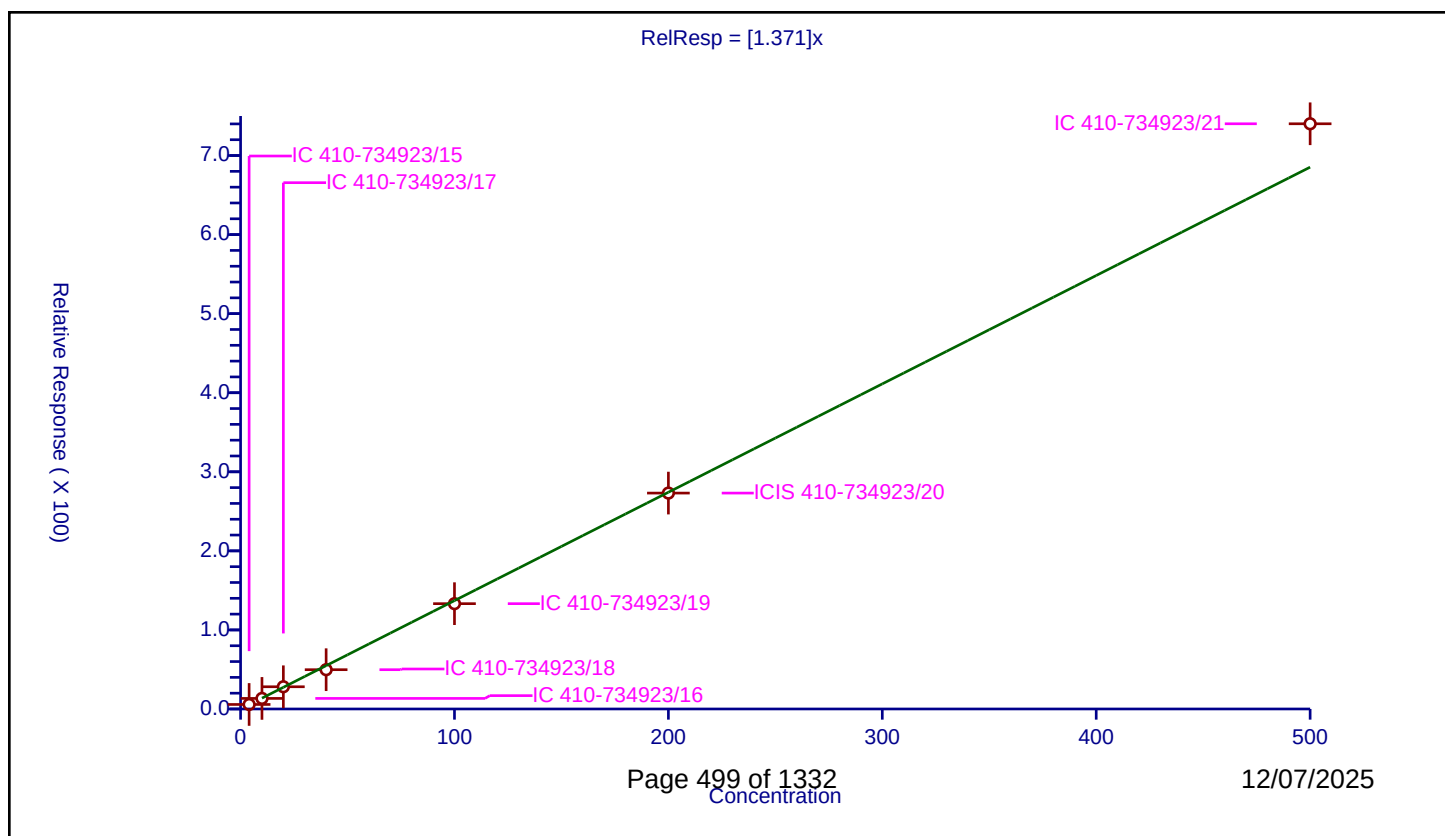
Curve Coefficients

Intercept: 0
Slope: 1.371

Error Coefficients

Relative Standard Deviation: 5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	4.0	5.718223	49.9983	66382.0	1.429556	Y
2	IC 410-734923/16	10.0	13.386513	49.9983	67618.0	1.338651	Y
3	IC 410-734923/17	20.0	28.124044	49.9983	68208.0	1.406202	Y
4	IC 410-734923/18	40.0	49.68368	49.9983	79776.0	1.242092	Y
5	IC 410-734923/19	100.0	133.220502	49.9983	74483.0	1.332205	Y
6	ICIS 410-734923/20	200.0	273.078339	49.9983	74044.0	1.365392	Y
7	IC 410-734923/21	500.0	740.190193	49.9983	69047.0	1.48038	Y



Calibration

/ Methacrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

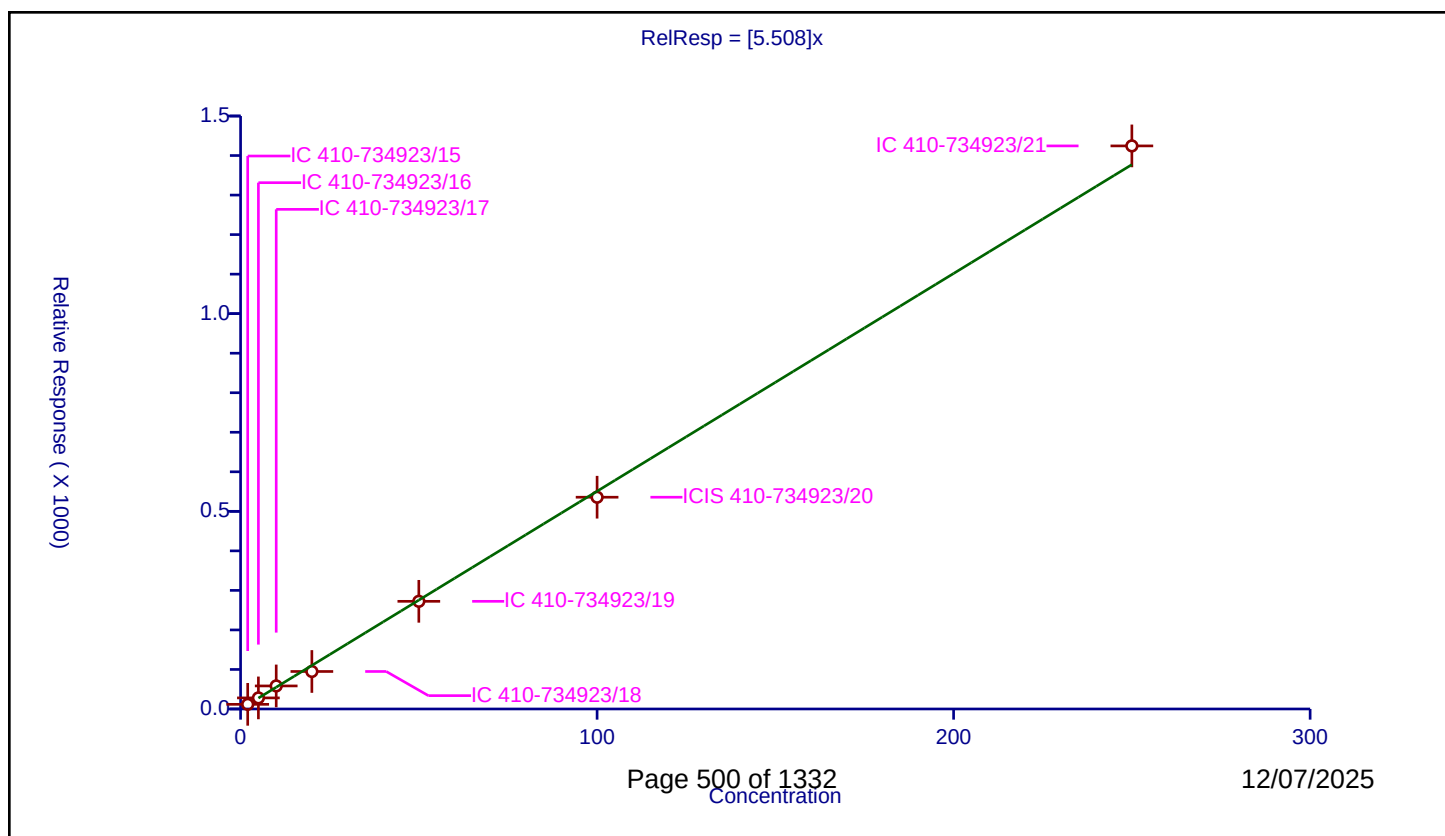
Curve Coefficients

Intercept: 0
Slope: 5.508

Error Coefficients

Relative Standard Deviation: 7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	2.0	11.749021	49.9983	66382.0	5.87451	Y
2	IC 410-734923/16	5.0	28.034481	49.9983	67618.0	5.606896	Y
3	IC 410-734923/17	10.0	58.321088	49.9983	68208.0	5.832109	Y
4	IC 410-734923/18	20.0	94.879947	49.9983	79776.0	4.743997	Y
5	IC 410-734923/19	50.0	272.347519	49.9983	74483.0	5.44695	Y
6	ICIS 410-734923/20	100.0	535.703113	49.9983	74044.0	5.357031	Y
7	IC 410-734923/21	250.0	1424.389995	49.9983	69047.0	5.69756	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

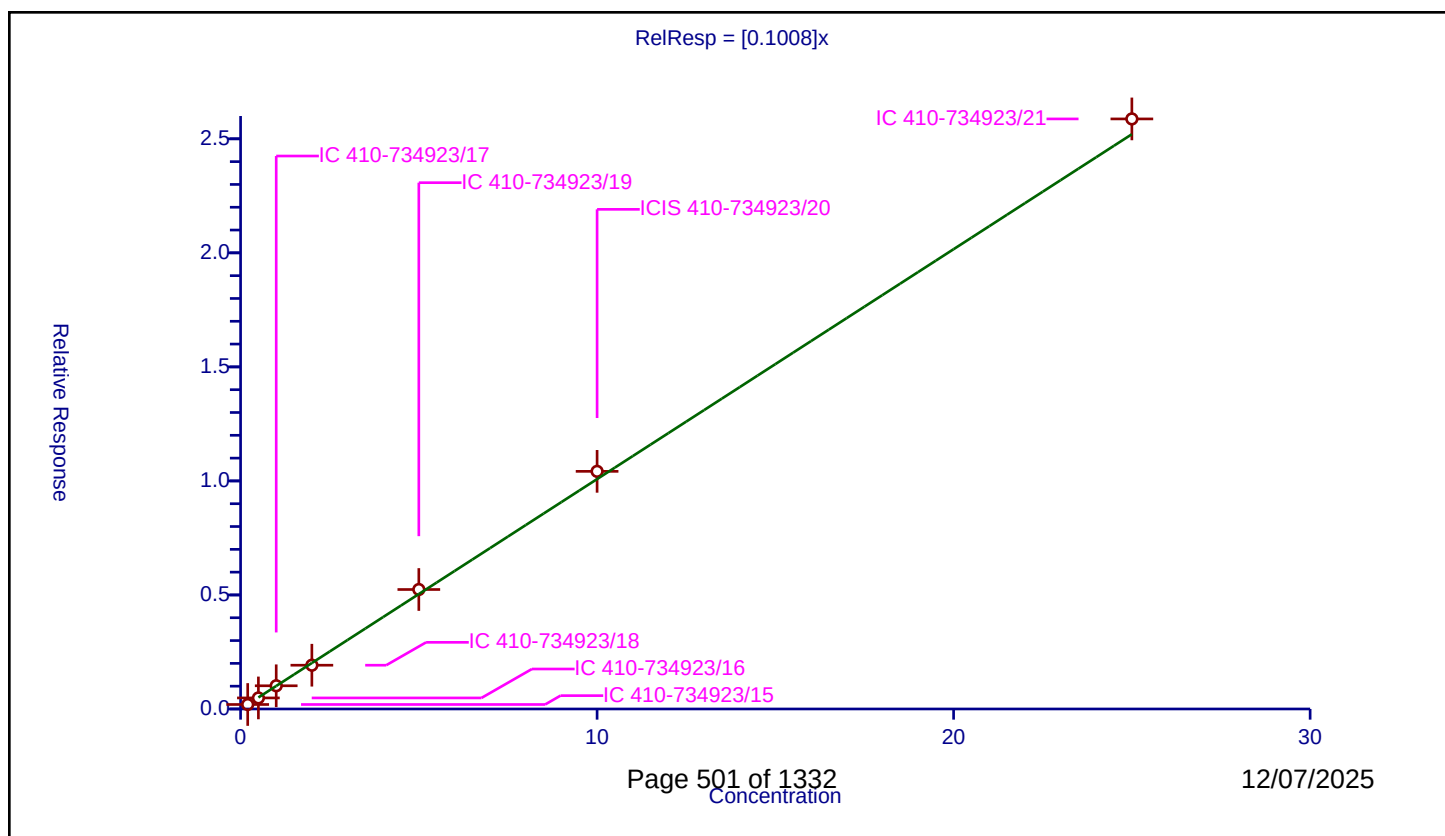
Curve Coefficients

Intercept: 0
Slope: 0.1008

Error Coefficients

Relative Standard Deviation: 3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.019703	9.99966	1982831.0	0.098517	Y
2	IC 410-734923/16	0.5	0.048419	9.99966	1997072.0	0.096838	Y
3	IC 410-734923/17	1.0	0.101832	9.99966	1981930.0	0.101832	Y
4	IC 410-734923/18	2.0	0.191978	9.99966	1973756.0	0.095989	Y
5	IC 410-734923/19	5.0	0.523872	9.99966	1940924.0	0.104774	Y
6	ICIS 410-734923/20	10.0	1.041985	9.99966	1937525.0	0.104198	Y
7	IC 410-734923/21	25.0	2.587268	9.99966	1903627.0	0.103491	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

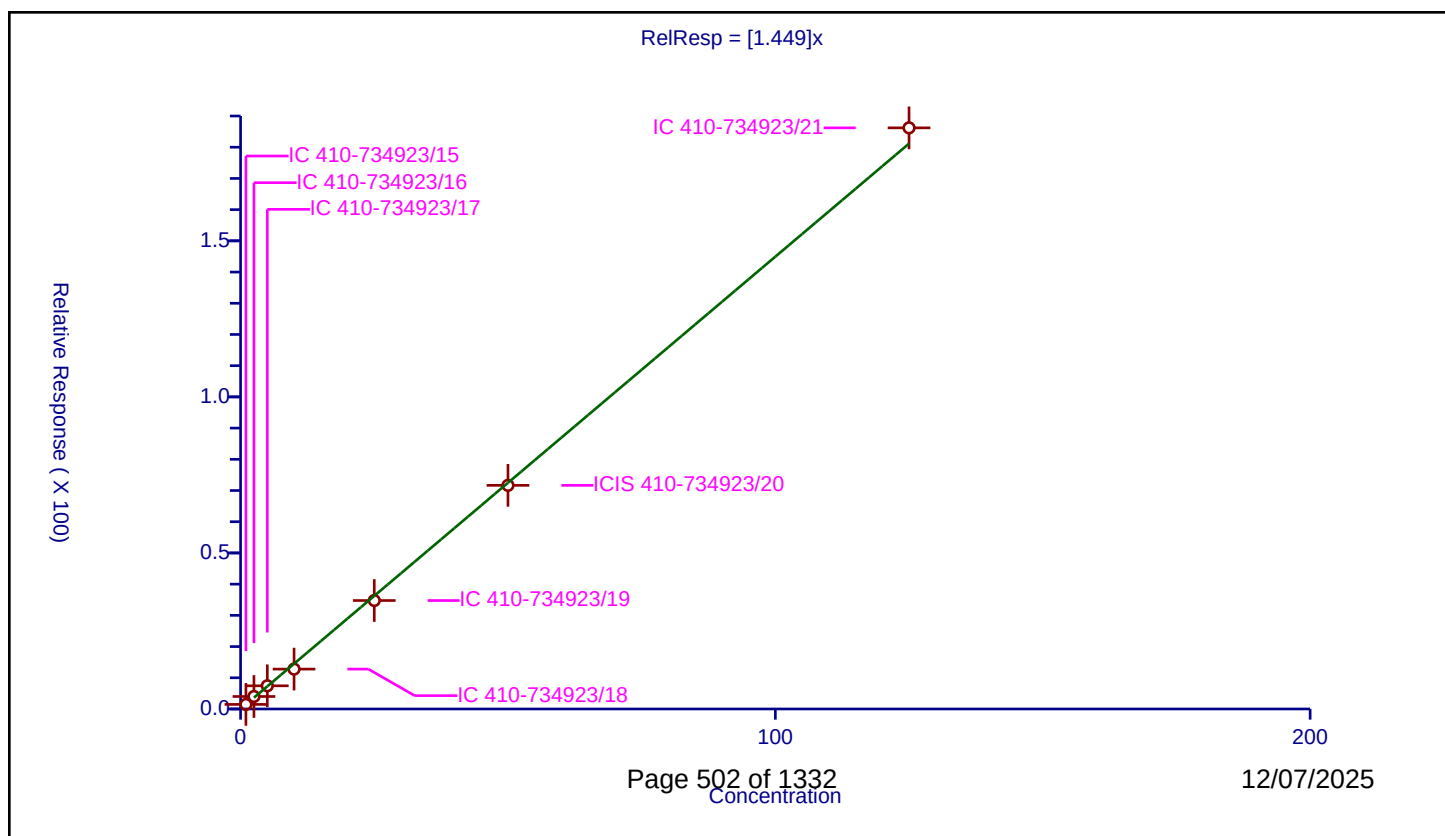
Curve Coefficients

Intercept: 0
Slope: 1.449

Error Coefficients

Relative Standard Deviation: 6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	1.0	1.469475	49.9983	66382.0	1.469475	Y
2	IC 410-734923/16	2.5	4.000278	49.9983	67618.0	1.600111	Y
3	IC 410-734923/17	5.0	7.425563	49.9983	68208.0	1.485113	Y
4	IC 410-734923/18	10.0	12.775338	49.9983	79776.0	1.277534	Y
5	IC 410-734923/19	25.0	34.757756	49.9983	74483.0	1.39031	Y
6	ICIS 410-734923/20	50.0	71.656982	49.9983	74044.0	1.43314	Y
7	IC 410-734923/21	125.0	186.207407	49.9983	69047.0	1.489659	Y



Calibration

/ Chloroform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

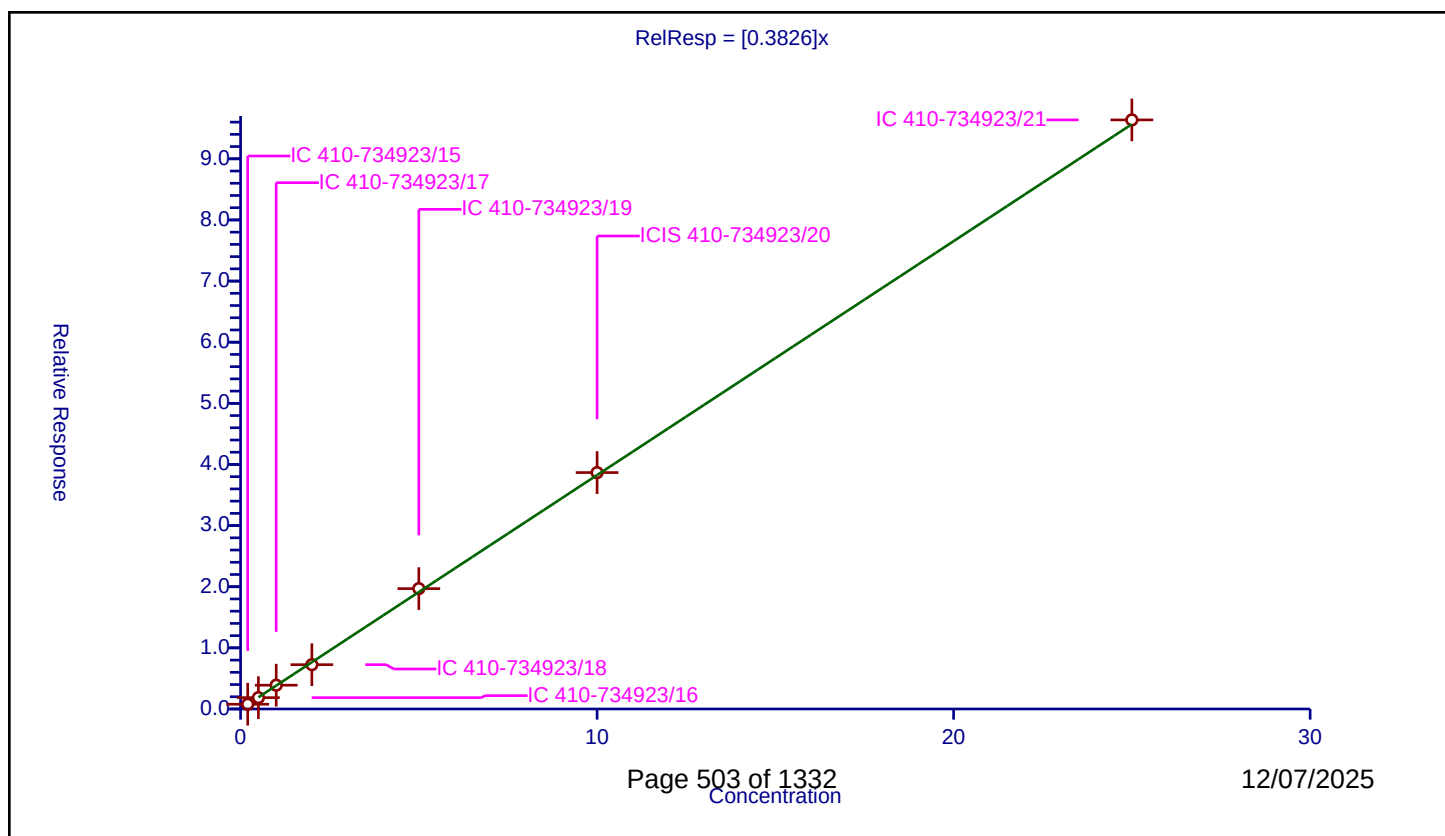
Curve Coefficients

Intercept: 0
 Slope: 0.3826

Error Coefficients

Relative Standard Deviation: 3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.078007	9.99966	1982831.0	0.390035	Y
2	IC 410-734923/16	0.5	0.185475	9.99966	1997072.0	0.37095	Y
3	IC 410-734923/17	1.0	0.389193	9.99966	1981930.0	0.389193	Y
4	IC 410-734923/18	2.0	0.724756	9.99966	1973756.0	0.362378	Y
5	IC 410-734923/19	5.0	1.968748	9.99966	1940924.0	0.39375	Y
6	ICIS 410-734923/20	10.0	3.867086	9.99966	1937525.0	0.386709	Y
7	IC 410-734923/21	25.0	9.636471	9.99966	1903627.0	0.385459	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

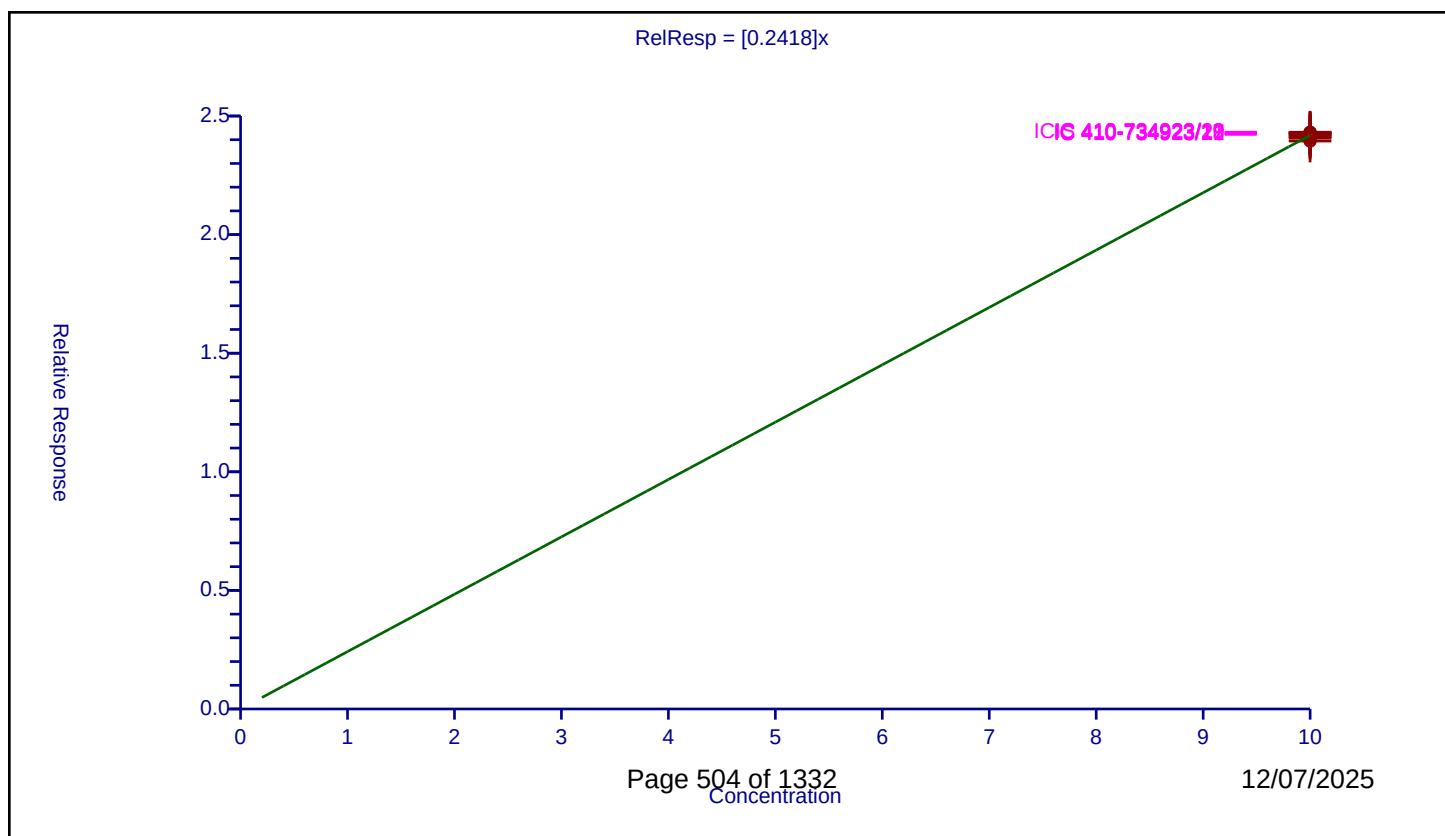
Curve Coefficients

Intercept: 0
 Slope: 0.2418

Error Coefficients

Relative Standard Deviation: 0.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/13	9.99966	2.413418	9.99966	1980012.0	0.24135	Y
2	IC 410-734923/14	9.99966	2.414491	9.99966	1983618.0	0.241457	Y
3	IC 410-734923/15	9.99966	2.406497	9.99966	1982831.0	0.240658	Y
4	IC 410-734923/16	9.99966	2.394374	9.99966	1997072.0	0.239446	Y
5	IC 410-734923/17	9.99966	2.427097	9.99966	1981930.0	0.242718	Y
6	IC 410-734923/18	9.99966	2.422634	9.99966	1973756.0	0.242272	Y
7	IC 410-734923/19	9.99966	2.431728	9.99966	1940924.0	0.243181	Y
8	ICIS 410-734923/20	9.99966	2.430157	9.99966	1937525.0	0.243024	Y
9	IC 410-734923/21	9.99966	2.425146	9.99966	1903627.0	0.242523	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

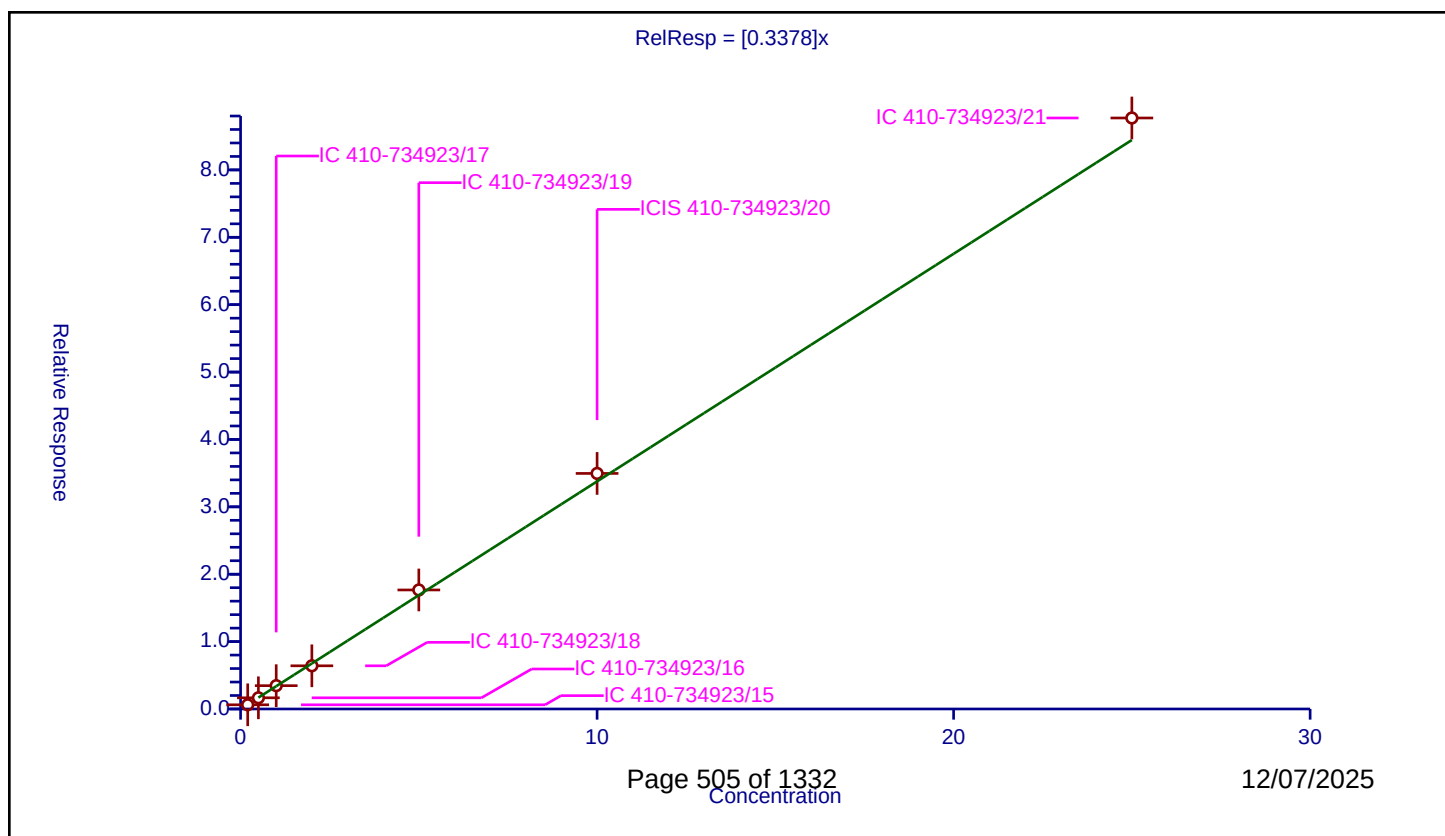
Curve Coefficients

Intercept: 0
Slope: 0.3378

Error Coefficients

Relative Standard Deviation: 4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.062464	9.99966	1982831.0	0.312321	Y
2	IC 410-734923/16	0.5	0.165952	9.99966	1997072.0	0.331905	Y
3	IC 410-734923/17	1.0	0.345919	9.99966	1981930.0	0.345919	Y
4	IC 410-734923/18	2.0	0.640908	9.99966	1973756.0	0.320454	Y
5	IC 410-734923/19	5.0	1.766413	9.99966	1940924.0	0.353283	Y
6	ICIS 410-734923/20	10.0	3.495681	9.99966	1937525.0	0.349568	Y
7	IC 410-734923/21	25.0	8.770701	9.99966	1903627.0	0.350828	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

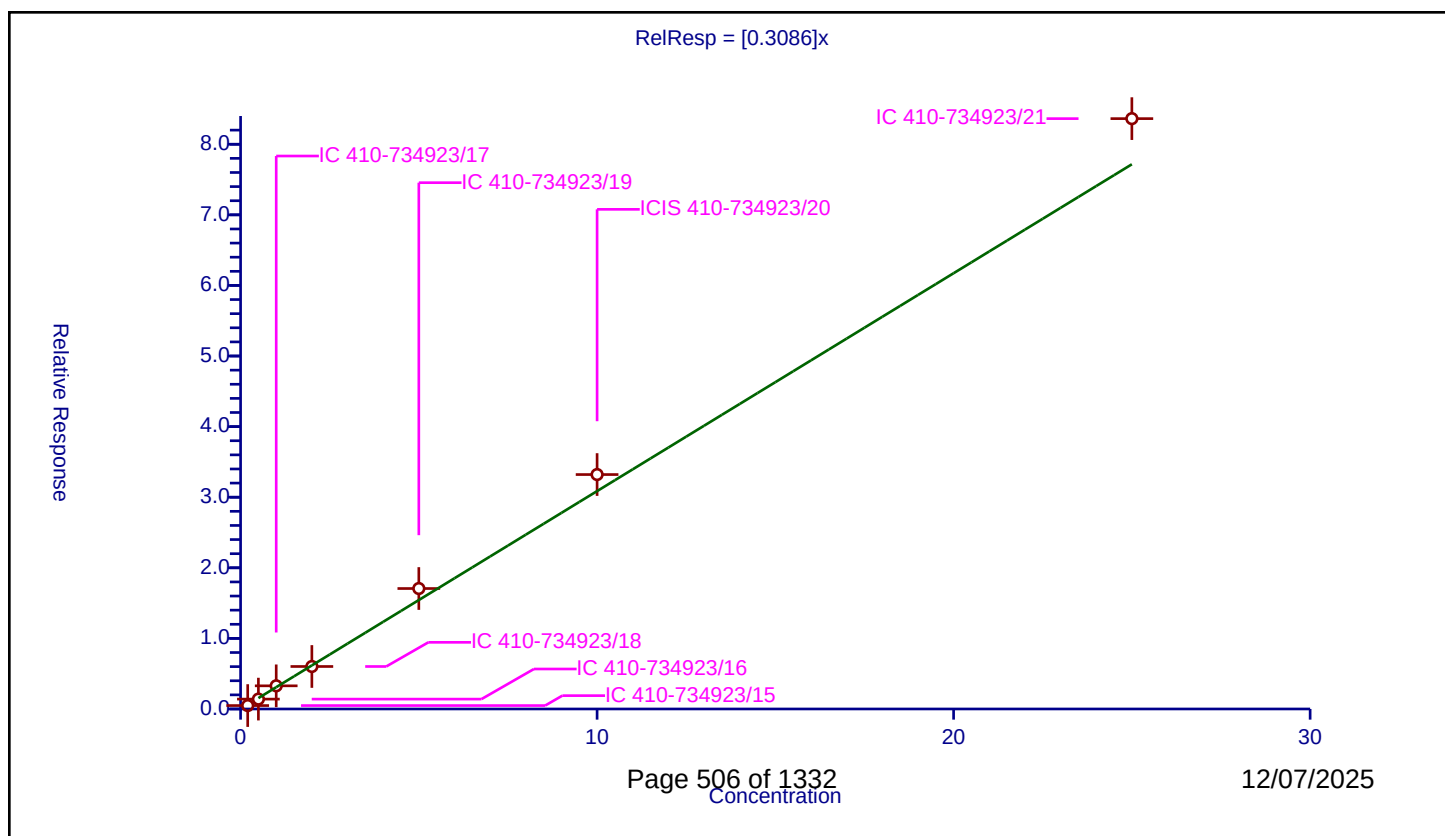
Curve Coefficients

Intercept: 0
Slope: 0.3086

Error Coefficients

Relative Standard Deviation: 11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.048656	9.99966	1982831.0	0.24328	Y
2	IC 410-734923/16	0.5	0.140065	9.99966	1997072.0	0.280131	Y
3	IC 410-734923/17	1.0	0.328139	9.99966	1981930.0	0.328139	Y
4	IC 410-734923/18	2.0	0.602085	9.99966	1973756.0	0.301043	Y
5	IC 410-734923/19	5.0	1.706567	9.99966	1940924.0	0.341313	Y
6	ICIS 410-734923/20	10.0	3.321238	9.99966	1937525.0	0.332124	Y
7	IC 410-734923/21	25.0	8.36294	9.99966	1903627.0	0.334518	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

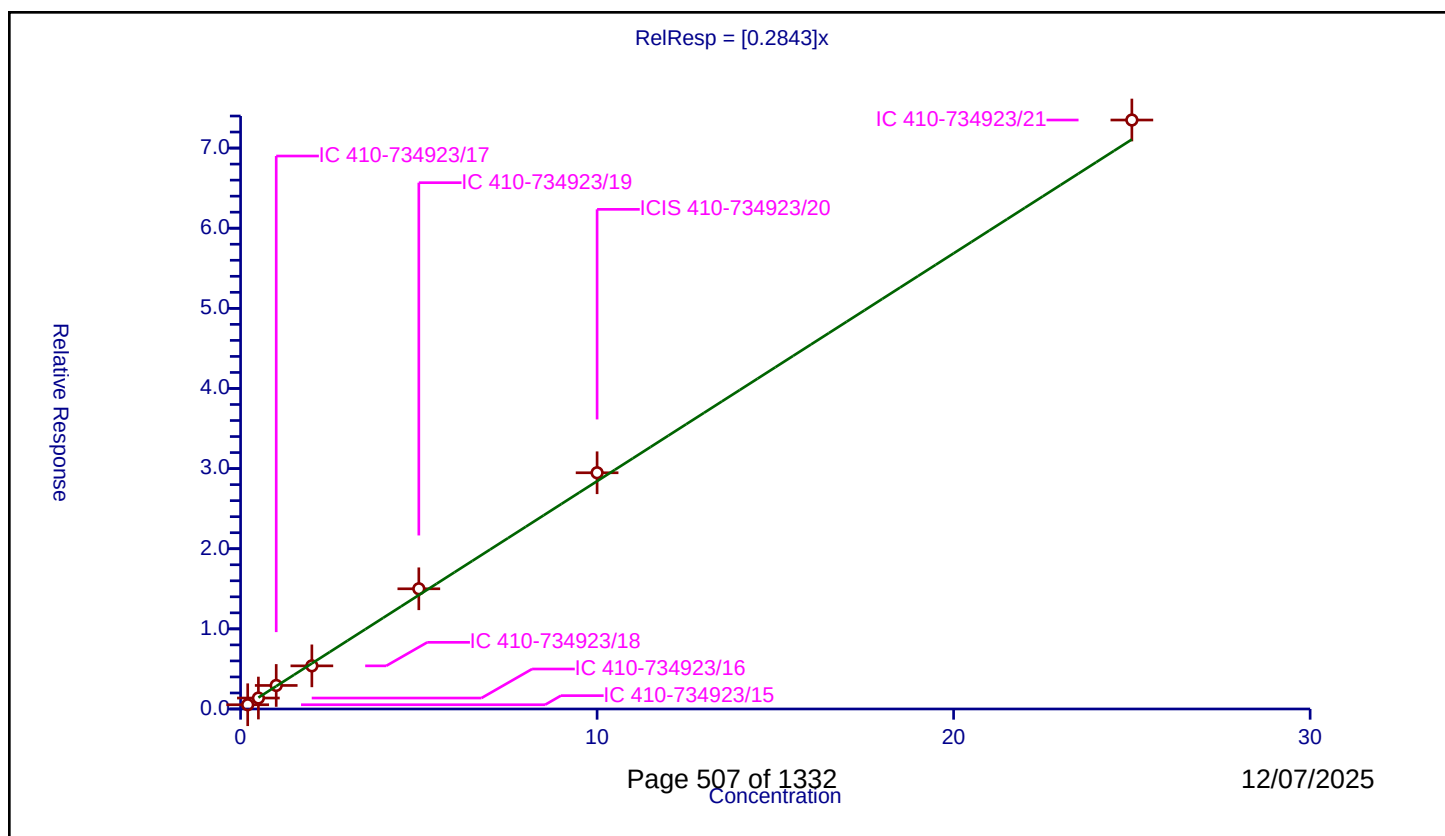
Curve Coefficients

Intercept: 0
Slope: 0.2843

Error Coefficients

Relative Standard Deviation: 5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.053028	9.99966	1982831.0	0.265142	Y
2	IC 410-734923/16	0.5	0.136675	9.99966	1997072.0	0.273351	Y
3	IC 410-734923/17	1.0	0.293749	9.99966	1981930.0	0.293749	Y
4	IC 410-734923/18	2.0	0.538184	9.99966	1973756.0	0.269092	Y
5	IC 410-734923/19	5.0	1.500162	9.99966	1940924.0	0.300032	Y
6	ICIS 410-734923/20	10.0	2.948011	9.99966	1937525.0	0.294801	Y
7	IC 410-734923/21	25.0	7.350224	9.99966	1903627.0	0.294009	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

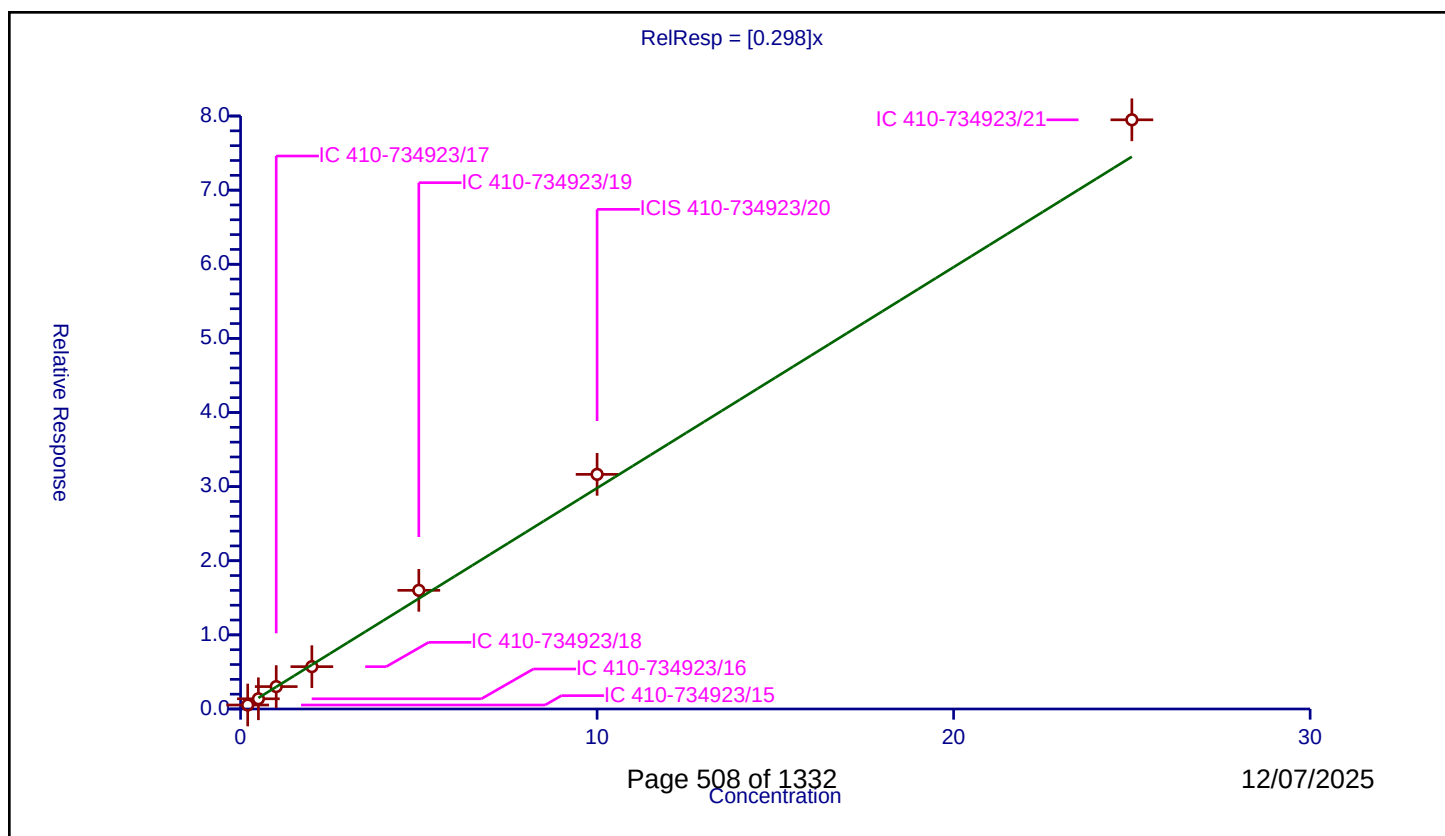
Curve Coefficients

Intercept: 0
 Slope: 0.298

Error Coefficients

Relative Standard Deviation: 7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.053734	9.99966	1982831.0	0.268672	Y
2	IC 410-734923/16	0.5	0.137697	9.99966	1997072.0	0.275394	Y
3	IC 410-734923/17	1.0	0.301877	9.99966	1981930.0	0.301877	Y
4	IC 410-734923/18	2.0	0.571277	9.99966	1973756.0	0.285639	Y
5	IC 410-734923/19	5.0	1.600951	9.99966	1940924.0	0.32019	Y
6	ICIS 410-734923/20	10.0	3.165328	9.99966	1937525.0	0.316533	Y
7	IC 410-734923/21	25.0	7.948955	9.99966	1903627.0	0.317958	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

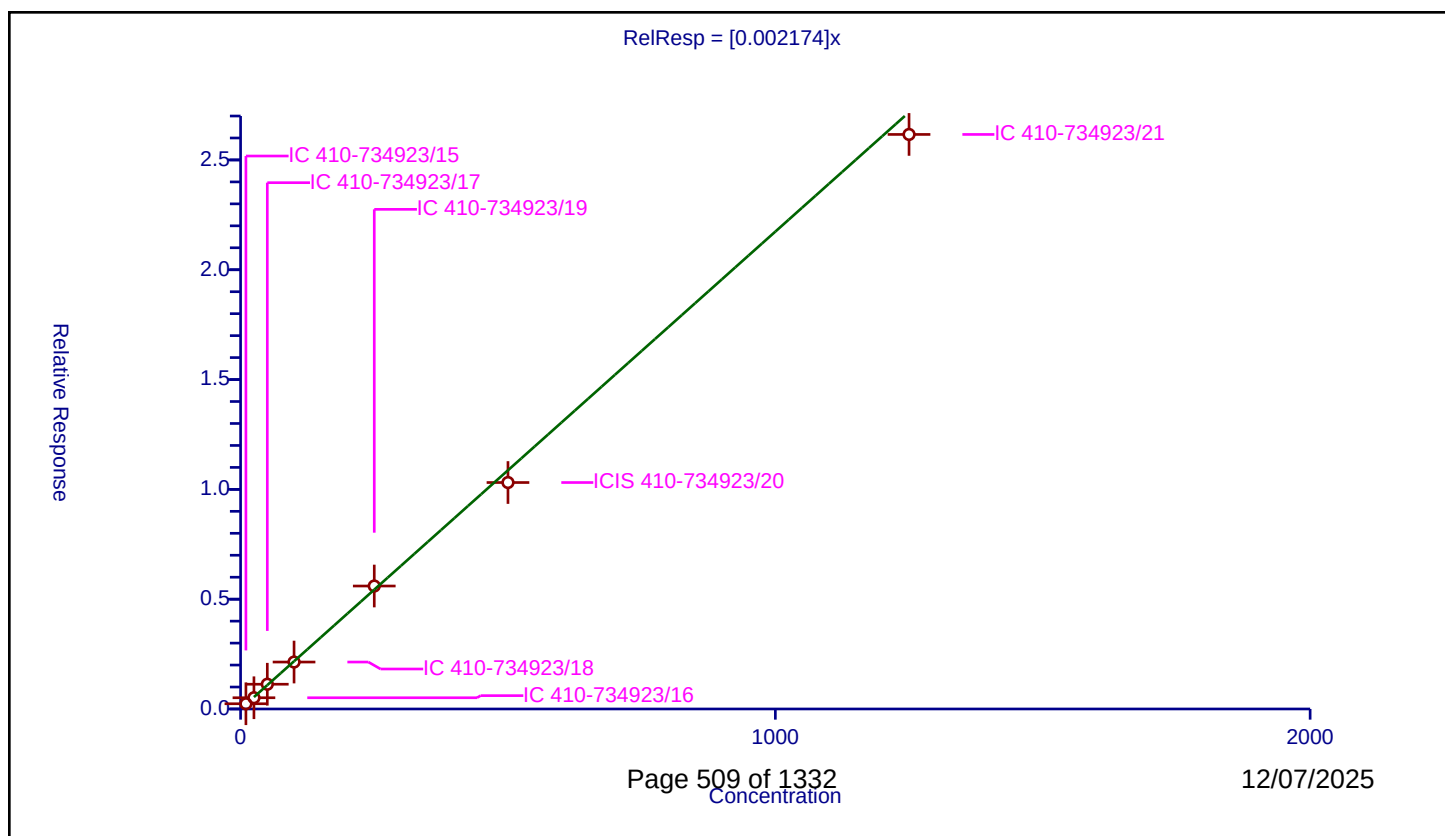
Curve Coefficients

Intercept: 0
Slope: 0.002174

Error Coefficients

Relative Standard Deviation: 5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	10.0	0.023798	9.99966	1982831.0	0.00238	Y
2	IC 410-734923/16	25.0	0.051238	9.99966	1997072.0	0.00205	Y
3	IC 410-734923/17	50.0	0.112689	9.99966	1981930.0	0.002254	Y
4	IC 410-734923/18	100.0	0.213783	9.99966	1973756.0	0.002138	Y
5	IC 410-734923/19	250.0	0.559946	9.99966	1940924.0	0.00224	Y
6	ICIS 410-734923/20	500.0	1.031198	9.99966	1937525.0	0.002062	Y
7	IC 410-734923/21	1250.0	2.616059	9.99966	1903627.0	0.002093	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

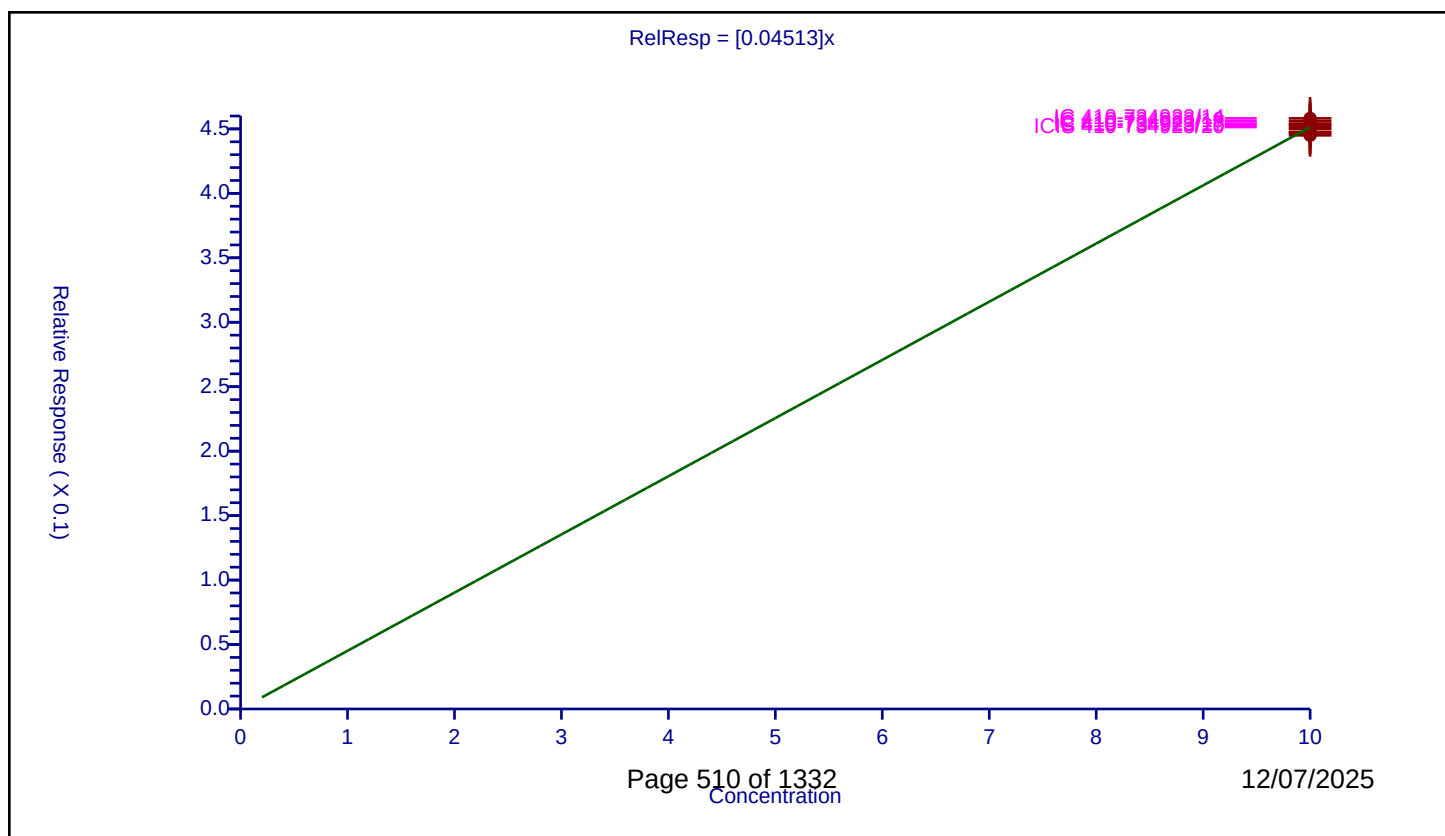
Curve Coefficients

Intercept: 0
Slope: 0.04513

Error Coefficients

Relative Standard Deviation: 1.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/13	9.99966	0.445018	9.99966	1980012.0	0.044503	Y
2	IC 410-734923/14	9.99966	0.458152	9.99966	1983618.0	0.045817	Y
3	IC 410-734923/15	9.99966	0.453109	9.99966	1982831.0	0.045312	Y
4	IC 410-734923/16	9.99966	0.447395	9.99966	1997072.0	0.044741	Y
5	IC 410-734923/17	9.99966	0.453956	9.99966	1981930.0	0.045397	Y
6	IC 410-734923/18	9.99966	0.446914	9.99966	1973756.0	0.044693	Y
7	IC 410-734923/19	9.99966	0.455937	9.99966	1940924.0	0.045595	Y
8	ICIS 410-734923/20	9.99966	0.451463	9.99966	1937525.0	0.045148	Y
9	IC 410-734923/21	9.99966	0.449831	9.99966	1903627.0	0.044985	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

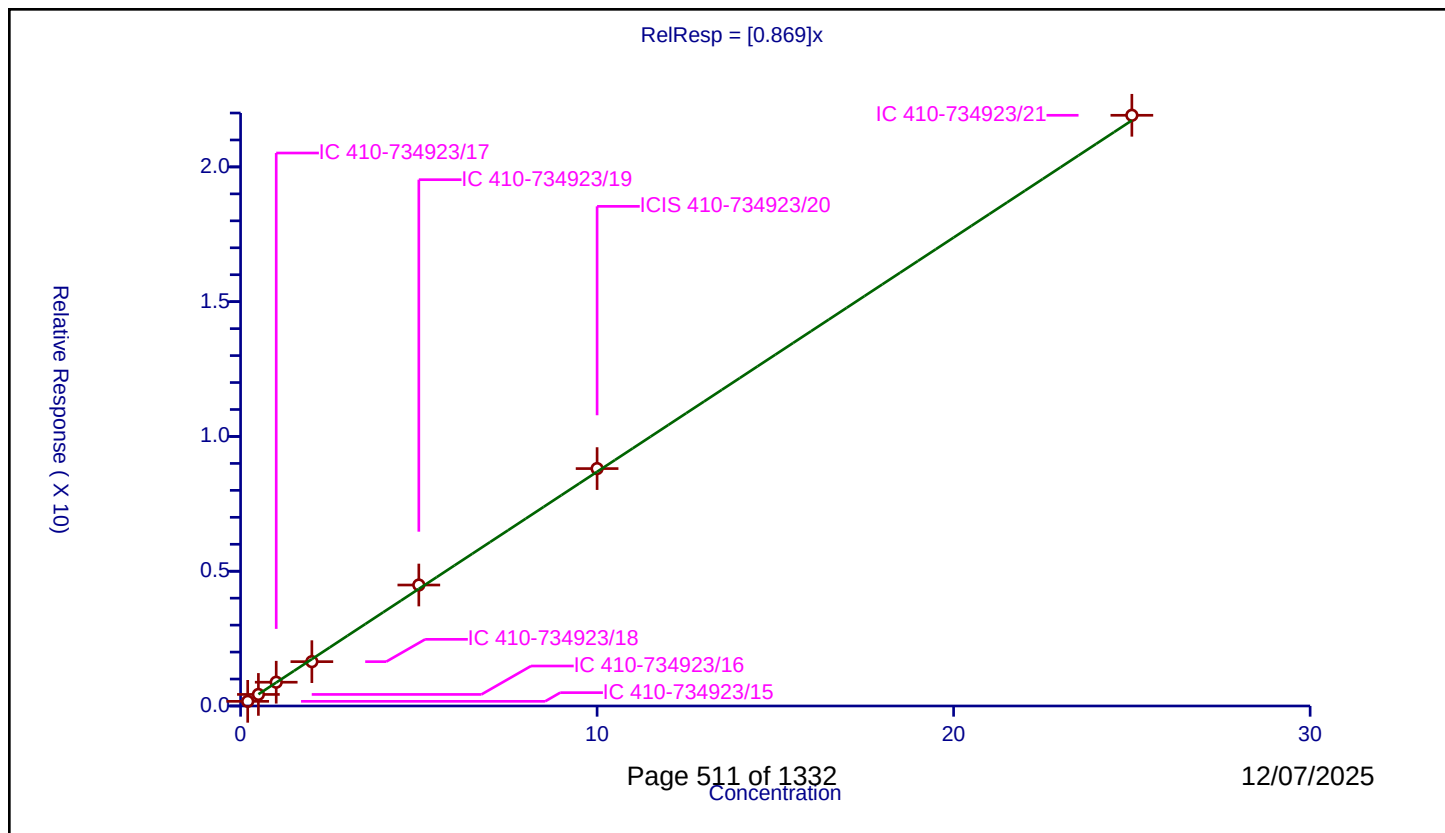
Curve Coefficients

Intercept: 0
Slope: 0.869

Error Coefficients

Relative Standard Deviation: 2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.17307	9.99966	1982831.0	0.865349	Y
2	IC 410-734923/16	0.5	0.428928	9.99966	1997072.0	0.857857	Y
3	IC 410-734923/17	1.0	0.882423	9.99966	1981930.0	0.882423	Y
4	IC 410-734923/18	2.0	1.644788	9.99966	1973756.0	0.822394	Y
5	IC 410-734923/19	5.0	4.487875	9.99966	1940924.0	0.897575	Y
6	ICIS 410-734923/20	10.0	8.808067	9.99966	1937525.0	0.880807	Y
7	IC 410-734923/21	25.0	21.915544	9.99966	1903627.0	0.876622	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

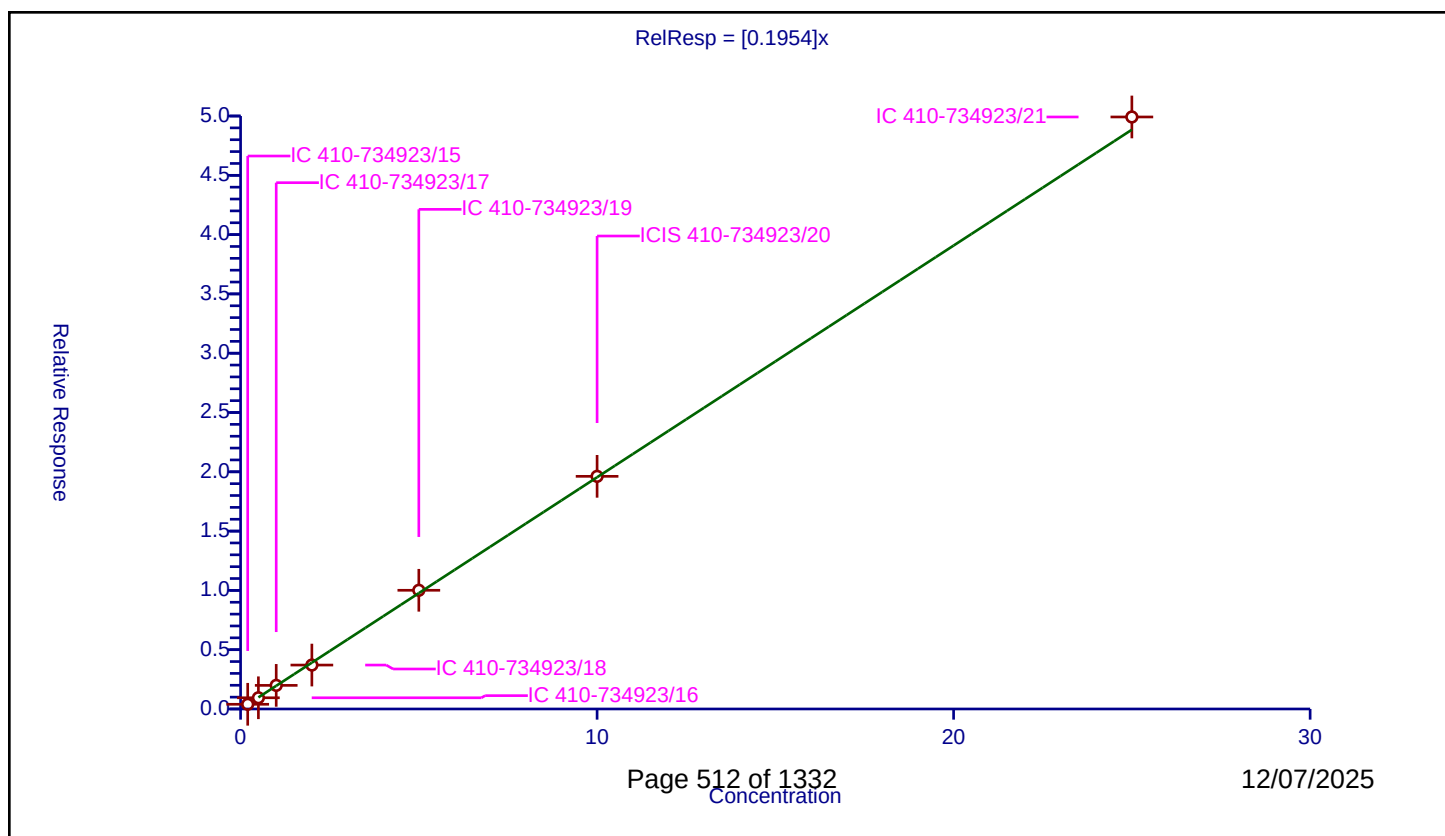
Curve Coefficients

Intercept: 0
Slope: 0.1954

Error Coefficients

Relative Standard Deviation: 3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.039649	9.99966	1982831.0	0.198245	Y
2	IC 410-734923/16	0.5	0.094565	9.99966	1997072.0	0.18913	Y
3	IC 410-734923/17	1.0	0.199026	9.99966	1981930.0	0.199026	Y
4	IC 410-734923/18	2.0	0.370459	9.99966	1973756.0	0.185229	Y
5	IC 410-734923/19	5.0	1.000984	9.99966	1940924.0	0.200197	Y
6	ICIS 410-734923/20	10.0	1.961838	9.99966	1937525.0	0.196184	Y
7	IC 410-734923/21	25.0	4.991843	9.99966	1903627.0	0.199674	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

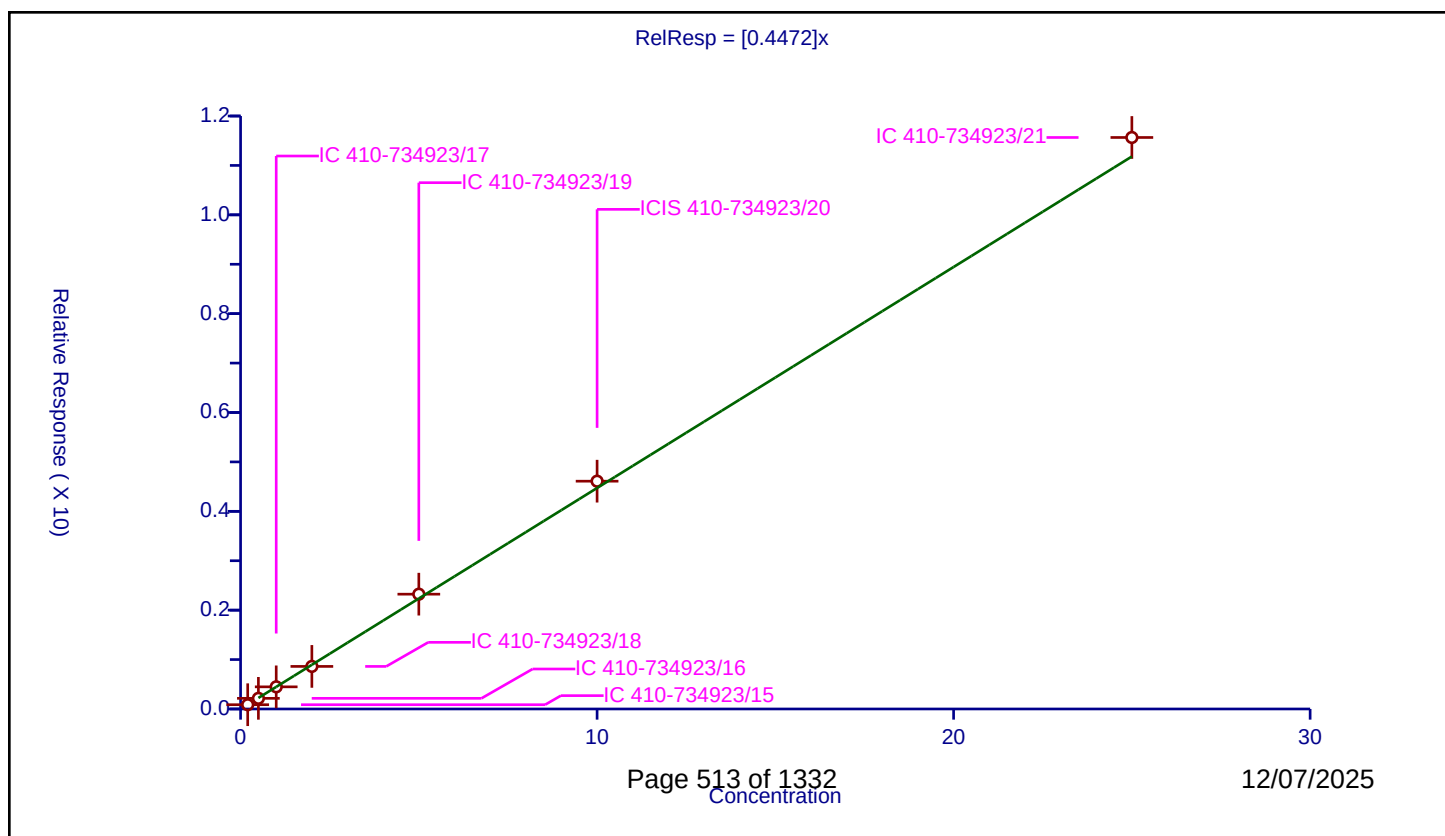
Curve Coefficients

Intercept: 0
Slope: 0.4472

Error Coefficients

Relative Standard Deviation: 3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.086389	9.99966	1982831.0	0.431943	Y
2	IC 410-734923/16	0.5	0.215608	9.99966	1997072.0	0.431217	Y
3	IC 410-734923/17	1.0	0.448295	9.99966	1981930.0	0.448295	Y
4	IC 410-734923/18	2.0	0.861612	9.99966	1973756.0	0.430806	Y
5	IC 410-734923/19	5.0	2.323495	9.99966	1940924.0	0.464699	Y
6	ICIS 410-734923/20	10.0	4.610044	9.99966	1937525.0	0.461004	Y
7	IC 410-734923/21	25.0	11.565523	9.99966	1903627.0	0.462621	Y



Calibration

/ n-Heptane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

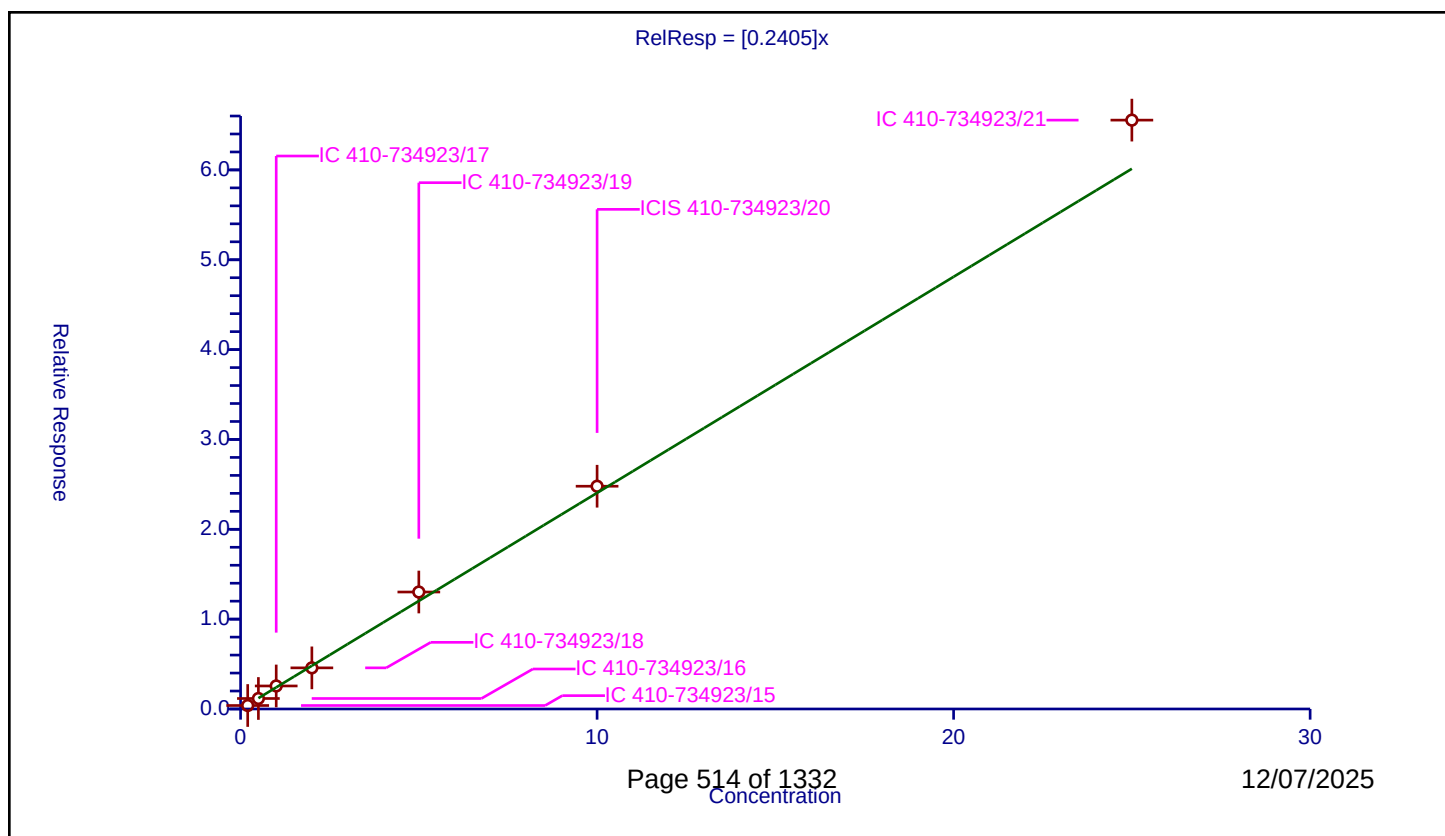
Curve Coefficients

Intercept: 0
Slope: 0.2405

Error Coefficients

Relative Standard Deviation: 10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.038812	9.99966	1982831.0	0.194059	Y
2	IC 410-734923/16	0.5	0.116857	9.99966	1997072.0	0.233714	Y
3	IC 410-734923/17	1.0	0.256438	9.99966	1981930.0	0.256438	Y
4	IC 410-734923/18	2.0	0.457903	9.99966	1973756.0	0.228952	Y
5	IC 410-734923/19	5.0	1.301892	9.99966	1940924.0	0.260378	Y
6	ICIS 410-734923/20	10.0	2.479388	9.99966	1937525.0	0.247939	Y
7	IC 410-734923/21	25.0	6.554275	9.99966	1903627.0	0.262171	Y



Calibration

/ n-Butanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

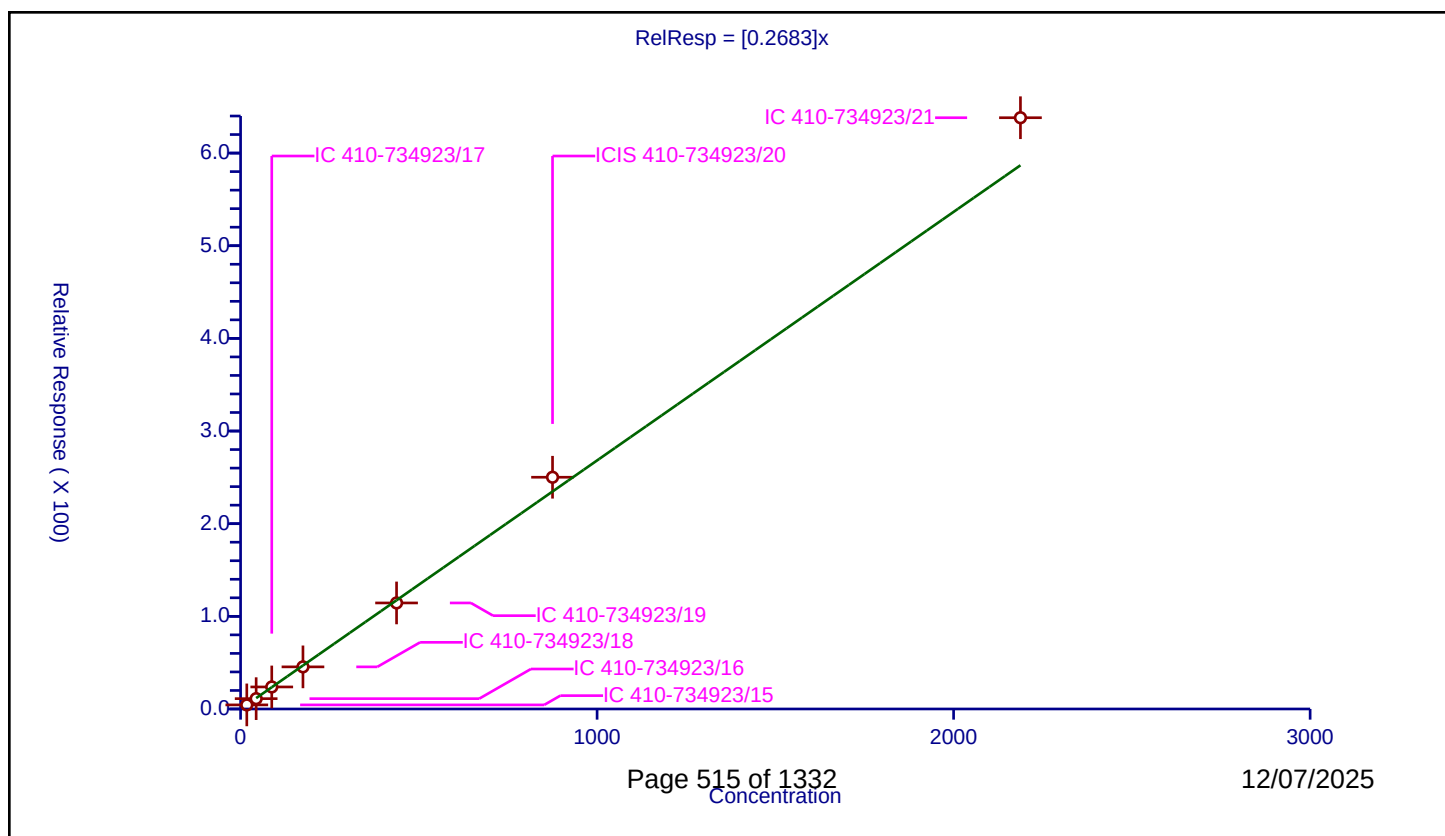
Curve Coefficients

Intercept: 0
Slope: 0.2683

Error Coefficients

Relative Standard Deviation: 5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	17.5	4.406918	49.9983	66382.0	0.251824	Y
2	IC 410-734923/16	43.75	11.163068	49.9983	67618.0	0.255156	Y
3	IC 410-734923/17	87.5	23.787457	49.9983	68208.0	0.271857	Y
4	IC 410-734923/18	175.0	45.460749	49.9983	79776.0	0.259776	Y
5	IC 410-734923/19	437.5	114.449742	49.9983	74483.0	0.261599	Y
6	ICIS 410-734923/20	875.0	250.117772	49.9983	74044.0	0.285849	Y
7	IC 410-734923/21	2187.5	638.148679	49.9983	69047.0	0.291725	Y



Calibration

/ Trichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

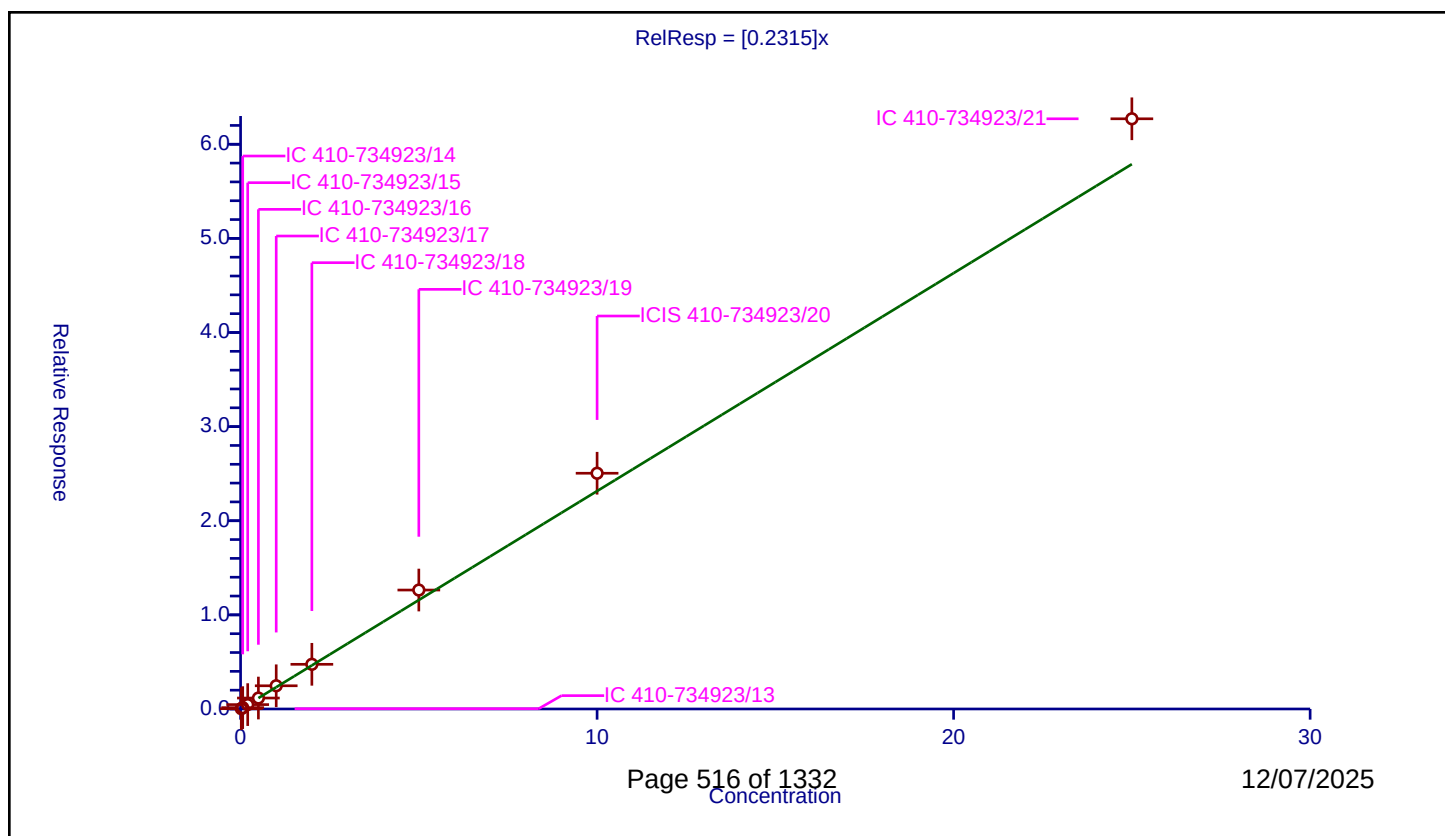
Curve Coefficients

Intercept: 0
Slope: 0.2315

Error Coefficients

Relative Standard Deviation: 14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/13	0.02	0.002838	9.99966	1980012.0	0.141914	Y
2	IC 410-734923/14	0.06	0.014281	9.99966	1983618.0	0.238025	Y
3	IC 410-734923/15	0.2	0.046669	9.99966	1982831.0	0.233345	Y
4	IC 410-734923/16	0.5	0.116201	9.99966	1997072.0	0.232402	Y
5	IC 410-734923/17	1.0	0.246696	9.99966	1981930.0	0.246696	Y
6	IC 410-734923/18	2.0	0.474794	9.99966	1973756.0	0.237397	Y
7	IC 410-734923/19	5.0	1.263695	9.99966	1940924.0	0.252739	Y
8	ICIS 410-734923/20	10.0	2.504672	9.99966	1937525.0	0.250467	Y
9	IC 410-734923/21	25.0	6.270438	9.99966	1903627.0	0.250818	Y



Calibration

/ Methylcyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

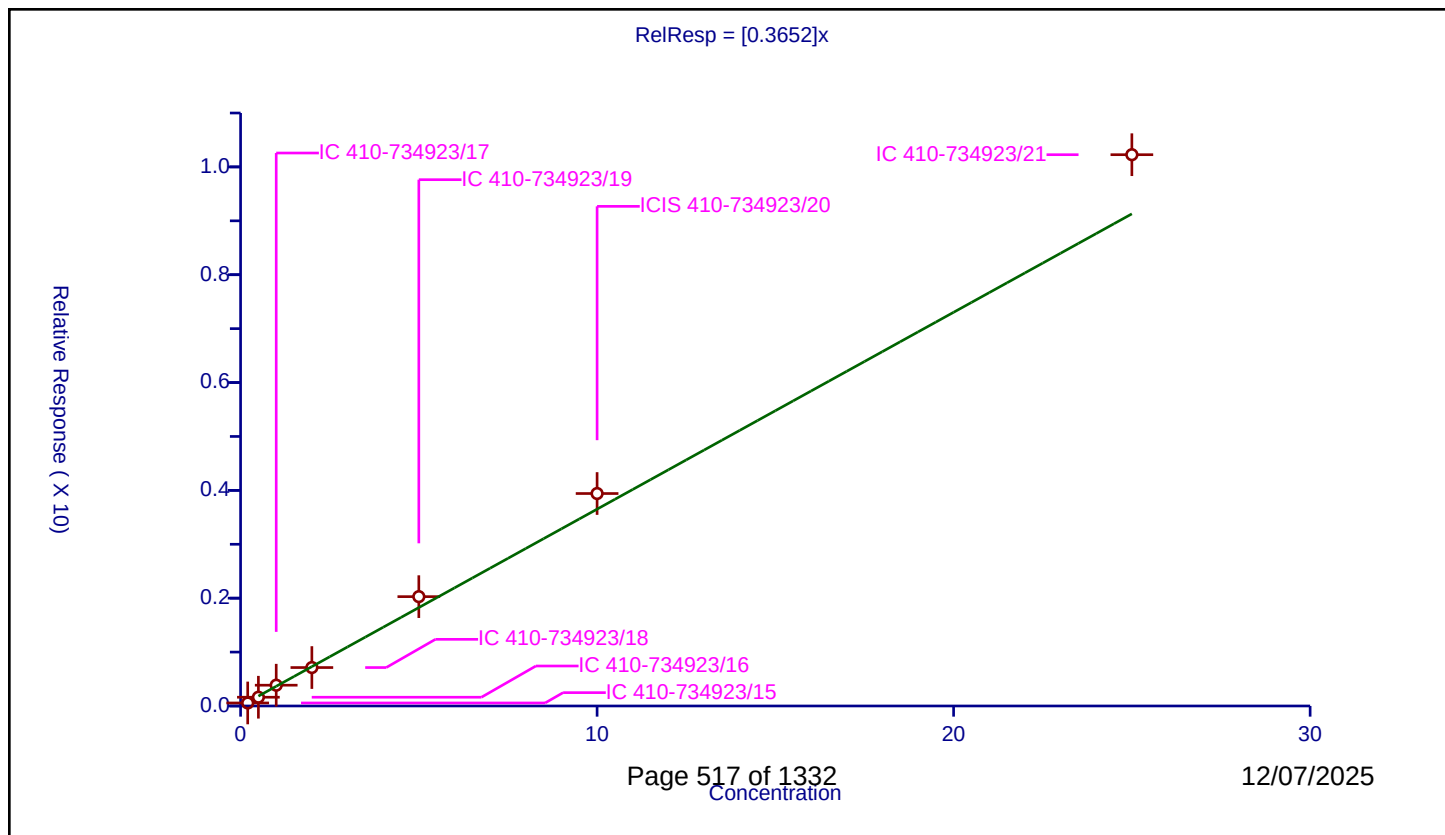
Curve Coefficients

Intercept: 0
Slope: 0.3652

Error Coefficients

Relative Standard Deviation: 13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.055958	9.99966	1982831.0	0.279792	Y
2	IC 410-734923/16	0.5	0.162618	9.99966	1997072.0	0.325235	Y
3	IC 410-734923/17	1.0	0.385495	9.99966	1981930.0	0.385495	Y
4	IC 410-734923/18	2.0	0.713306	9.99966	1973756.0	0.356653	Y
5	IC 410-734923/19	5.0	2.02863	9.99966	1940924.0	0.405726	Y
6	ICIS 410-734923/20	10.0	3.941131	9.99966	1937525.0	0.394113	Y
7	IC 410-734923/21	25.0	10.226992	9.99966	1903627.0	0.40908	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

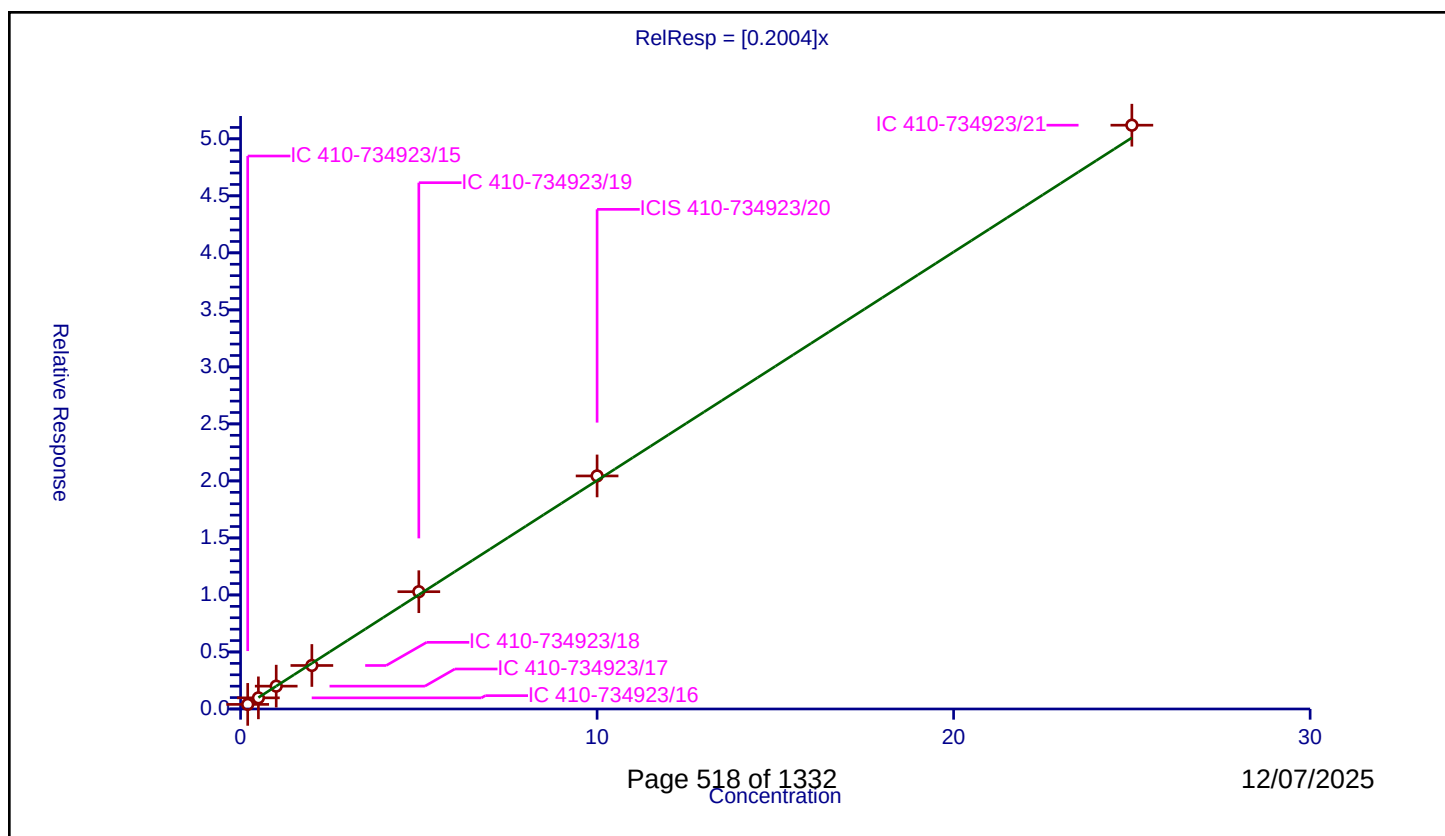
Curve Coefficients

Intercept: 0
 Slope: 0.2004

Error Coefficients

Relative Standard Deviation: 2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.04031	9.99966	1982831.0	0.201548	Y
2	IC 410-734923/16	0.5	0.097555	9.99966	1997072.0	0.195109	Y
3	IC 410-734923/17	1.0	0.200353	9.99966	1981930.0	0.200353	Y
4	IC 410-734923/18	2.0	0.381478	9.99966	1973756.0	0.190739	Y
5	IC 410-734923/19	5.0	1.028573	9.99966	1940924.0	0.205715	Y
6	ICIS 410-734923/20	10.0	2.043775	9.99966	1937525.0	0.204378	Y
7	IC 410-734923/21	25.0	5.119621	9.99966	1903627.0	0.204785	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

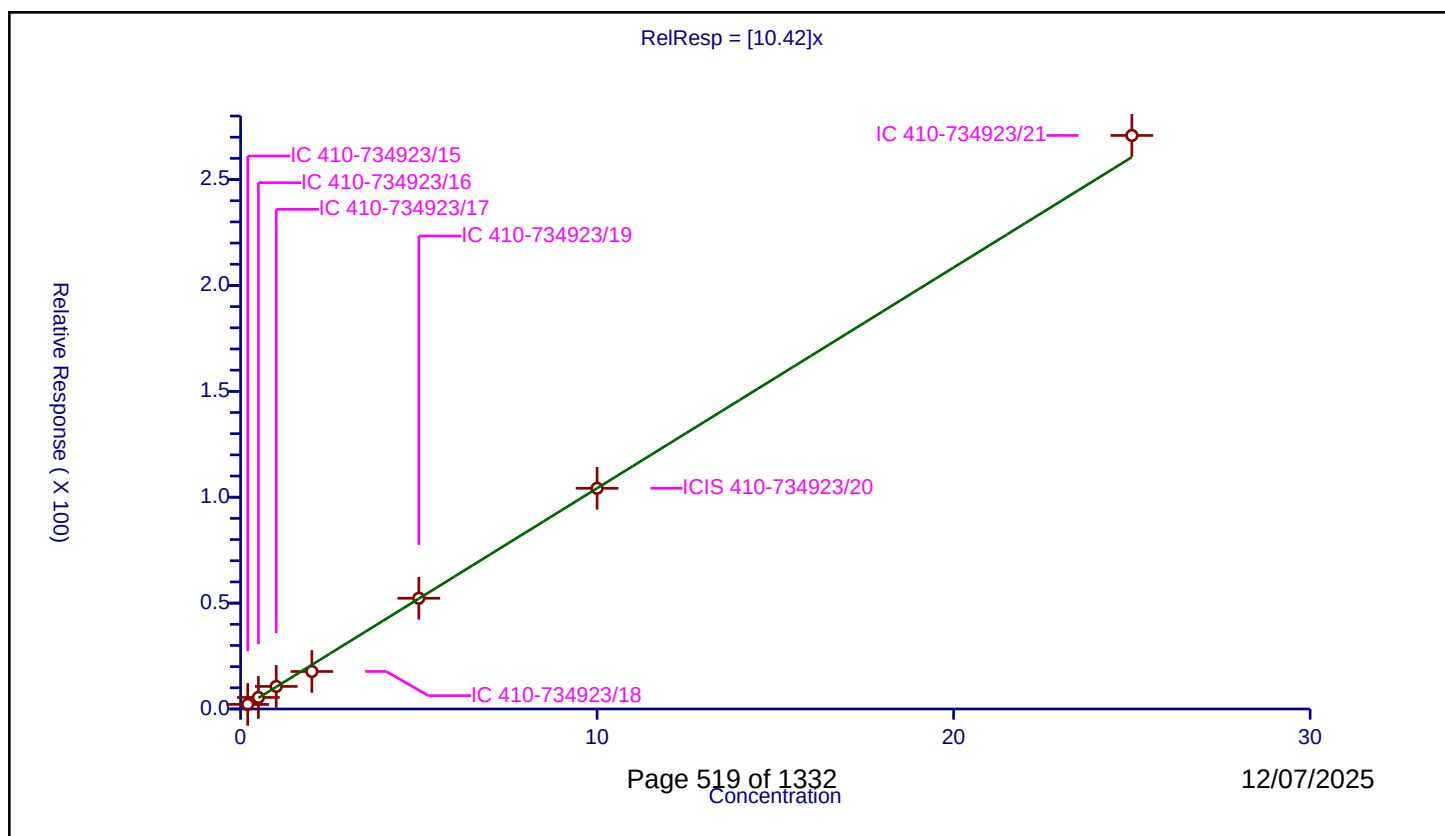
Curve Coefficients

Intercept: 0
Slope: 10.42

Error Coefficients

Relative Standard Deviation: 6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	2.160904	49.9983	66382.0	10.80452	Y
2	IC 410-734923/16	0.5	5.460638	49.9983	67618.0	10.921277	Y
3	IC 410-734923/17	1.0	10.664809	49.9983	68208.0	10.664809	Y
4	IC 410-734923/18	2.0	17.713372	49.9983	79776.0	8.856686	Y
5	IC 410-734923/19	5.0	52.29002	49.9983	74483.0	10.458004	Y
6	ICIS 410-734923/20	10.0	104.222997	49.9983	74044.0	10.4223	Y
7	IC 410-734923/21	25.0	270.826599	49.9983	69047.0	10.833064	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

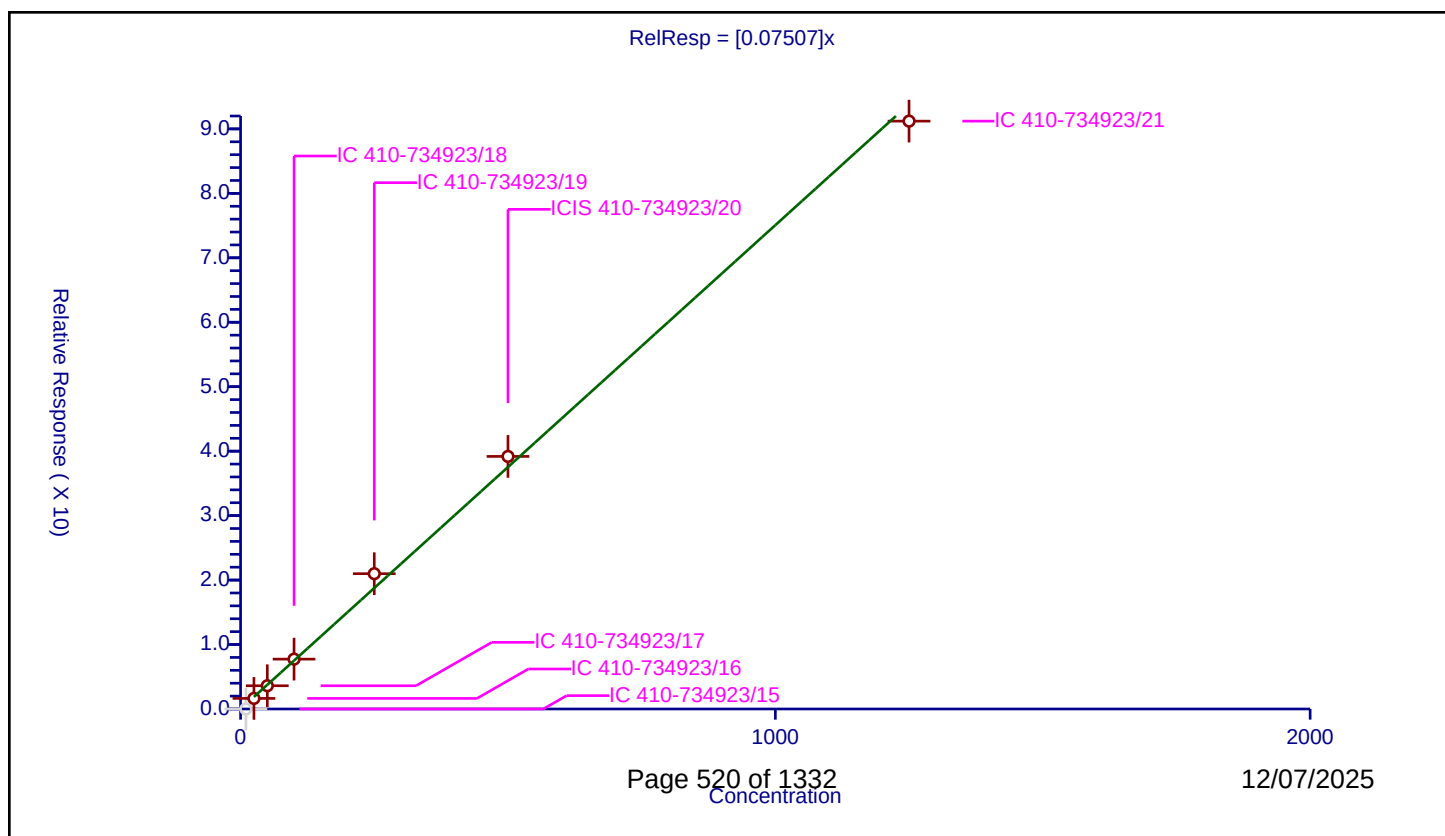
Curve Coefficients

Intercept: 0
Slope: 0.07507

Error Coefficients

Relative Standard Deviation: 8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	10.0	0.0	49.9983	66382.0	0.0	N
2	IC 410-734923/16	25.0	1.642258	49.9983	67618.0	0.06569	Y
3	IC 410-734923/17	50.0	3.604293	49.9983	68208.0	0.072086	Y
4	IC 410-734923/18	100.0	7.735146	49.9983	79776.0	0.077351	Y
5	IC 410-734923/19	250.0	20.991325	49.9983	74483.0	0.083965	Y
6	ICIS 410-734923/20	500.0	39.184827	49.9983	74044.0	0.07837	Y
7	IC 410-734923/21	1250.0	91.205786	49.9983	69047.0	0.072965	Y



Calibration

/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

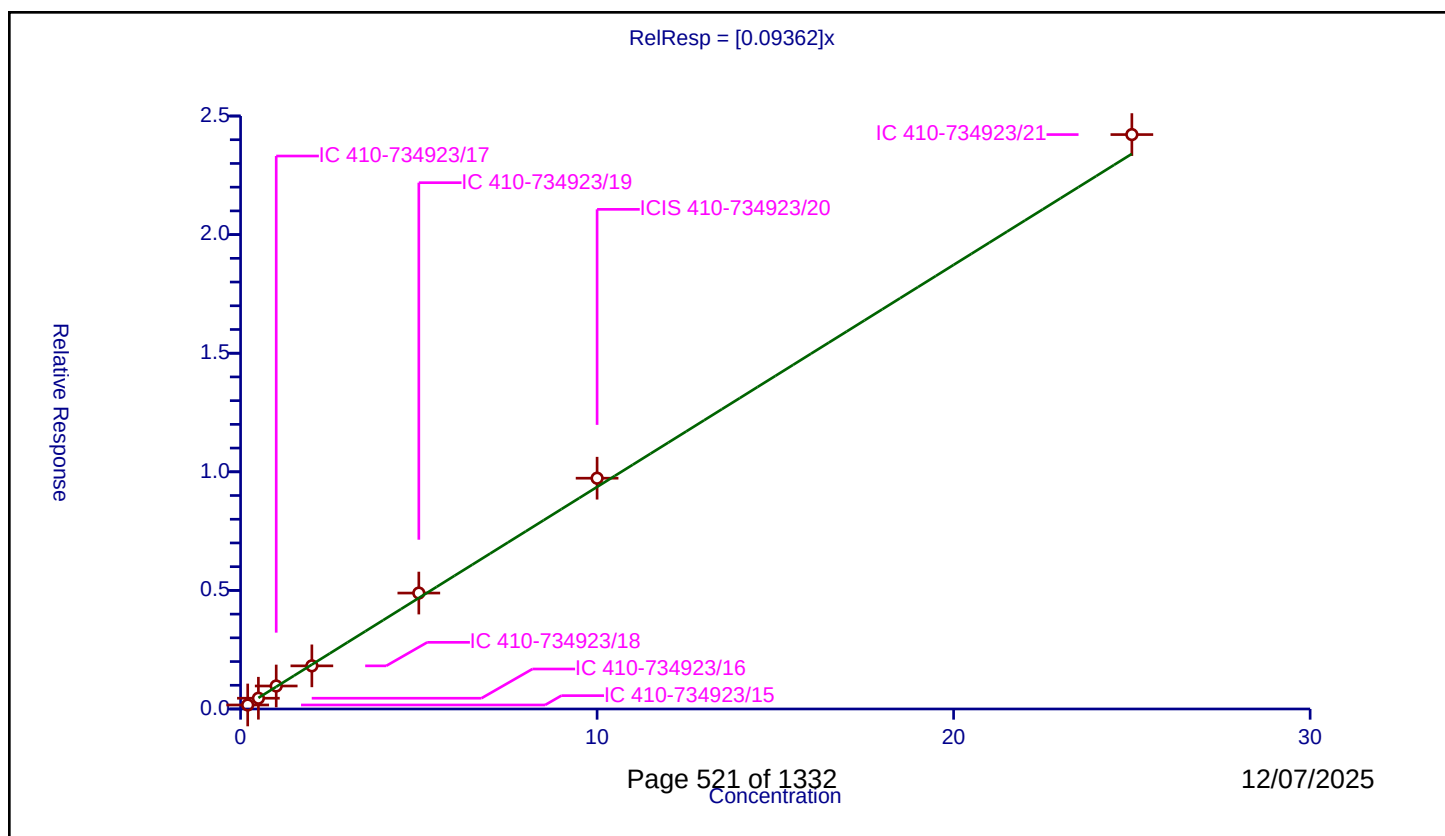
Curve Coefficients

Intercept: 0
Slope: 0.09362

Error Coefficients

Relative Standard Deviation: 5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.01694	9.99966	1982831.0	0.084699	Y
2	IC 410-734923/16	0.5	0.045365	9.99966	1997072.0	0.09073	Y
3	IC 410-734923/17	1.0	0.097023	9.99966	1981930.0	0.097023	Y
4	IC 410-734923/18	2.0	0.181901	9.99966	1973756.0	0.09095	Y
5	IC 410-734923/19	5.0	0.488812	9.99966	1940924.0	0.097762	Y
6	ICIS 410-734923/20	10.0	0.972981	9.99966	1937525.0	0.097298	Y
7	IC 410-734923/21	25.0	2.421747	9.99966	1903627.0	0.09687	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

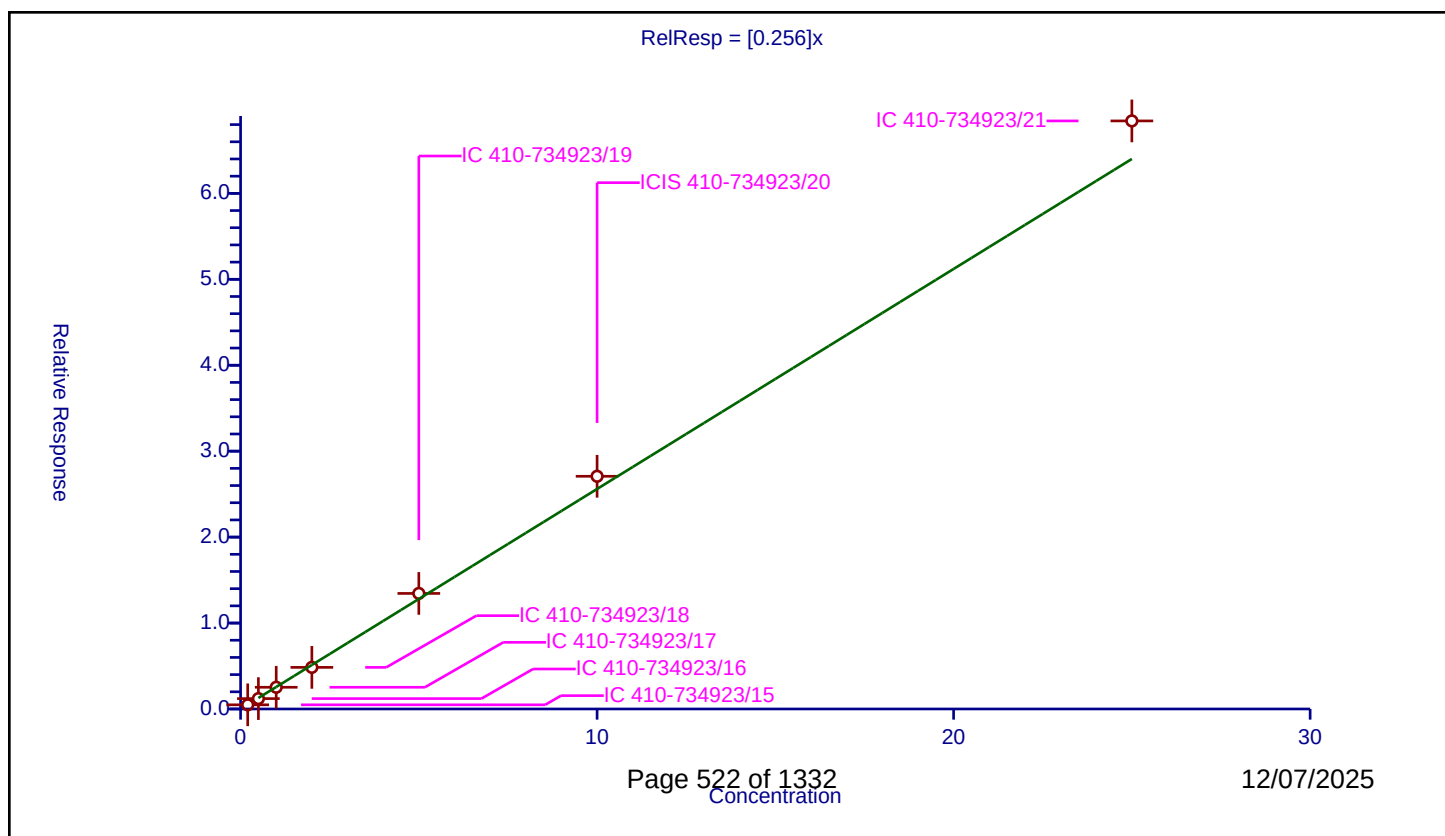
Curve Coefficients

Intercept: 0
Slope: 0.256

Error Coefficients

Relative Standard Deviation: 5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.048485	9.99966	1982831.0	0.242423	Y
2	IC 410-734923/16	0.5	0.120723	9.99966	1997072.0	0.241445	Y
3	IC 410-734923/17	1.0	0.252674	9.99966	1981930.0	0.252674	Y
4	IC 410-734923/18	2.0	0.484278	9.99966	1973756.0	0.242139	Y
5	IC 410-734923/19	5.0	1.344551	9.99966	1940924.0	0.26891	Y
6	ICIS 410-734923/20	10.0	2.707925	9.99966	1937525.0	0.270792	Y
7	IC 410-734923/21	25.0	6.842957	9.99966	1903627.0	0.273718	Y



Calibration

/ 2-Nitropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

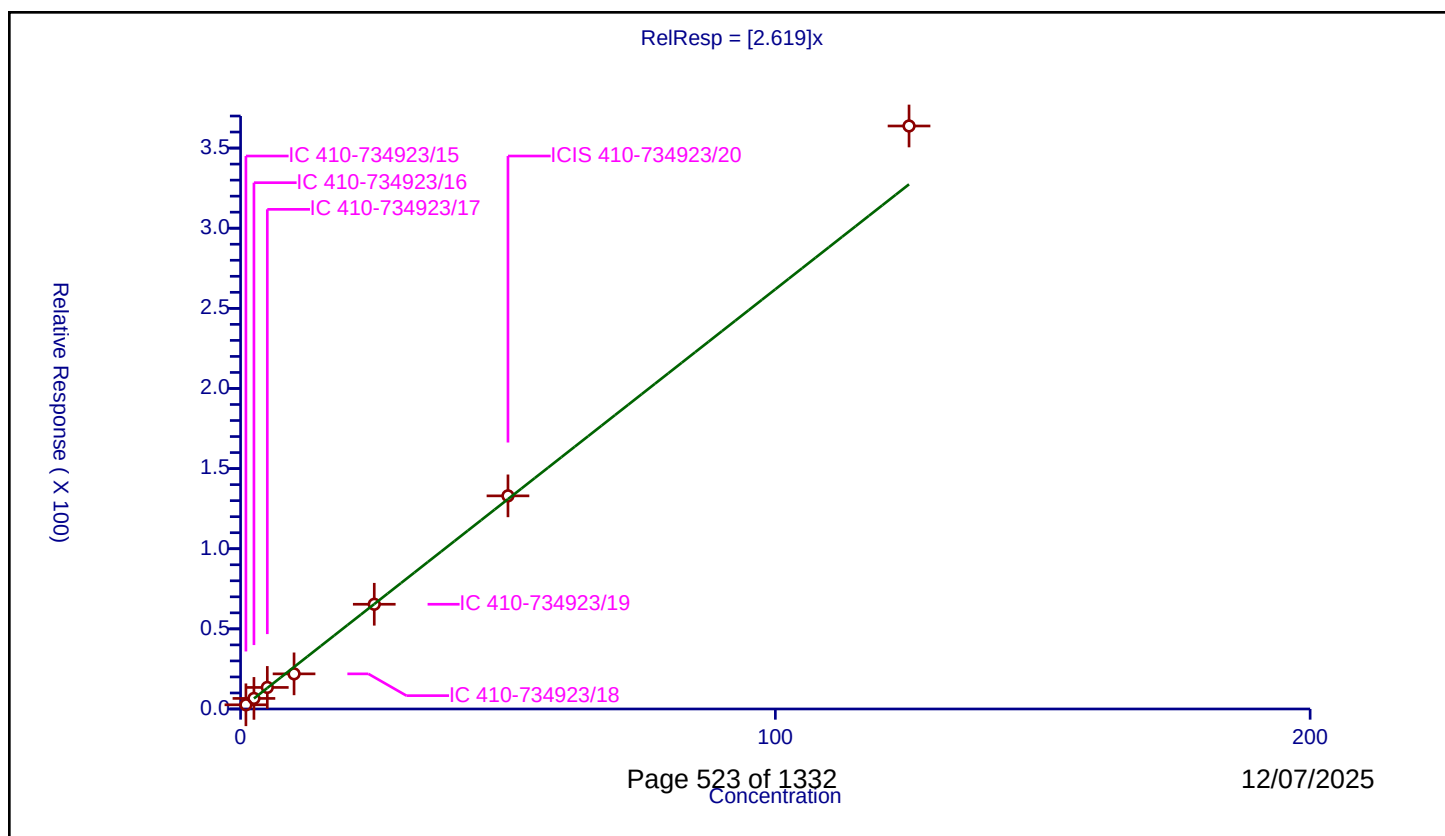
Curve Coefficients

Intercept: 0
Slope: 2.619

Error Coefficients

Relative Standard Deviation: 8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	1.0	2.627129	49.9983	66382.0	2.627129	Y
2	IC 410-734923/16	2.5	6.59861	49.9983	67618.0	2.639444	Y
3	IC 410-734923/17	5.0	13.453976	49.9983	68208.0	2.690795	Y
4	IC 410-734923/18	10.0	21.922515	49.9983	79776.0	2.192251	Y
5	IC 410-734923/19	25.0	65.349603	49.9983	74483.0	2.613984	Y
6	ICIS 410-734923/20	50.0	132.9941	49.9983	74044.0	2.659882	Y
7	IC 410-734923/21	125.0	363.78403	49.9983	69047.0	2.910272	Y



Calibration

/ 1-Bromo-2-chloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

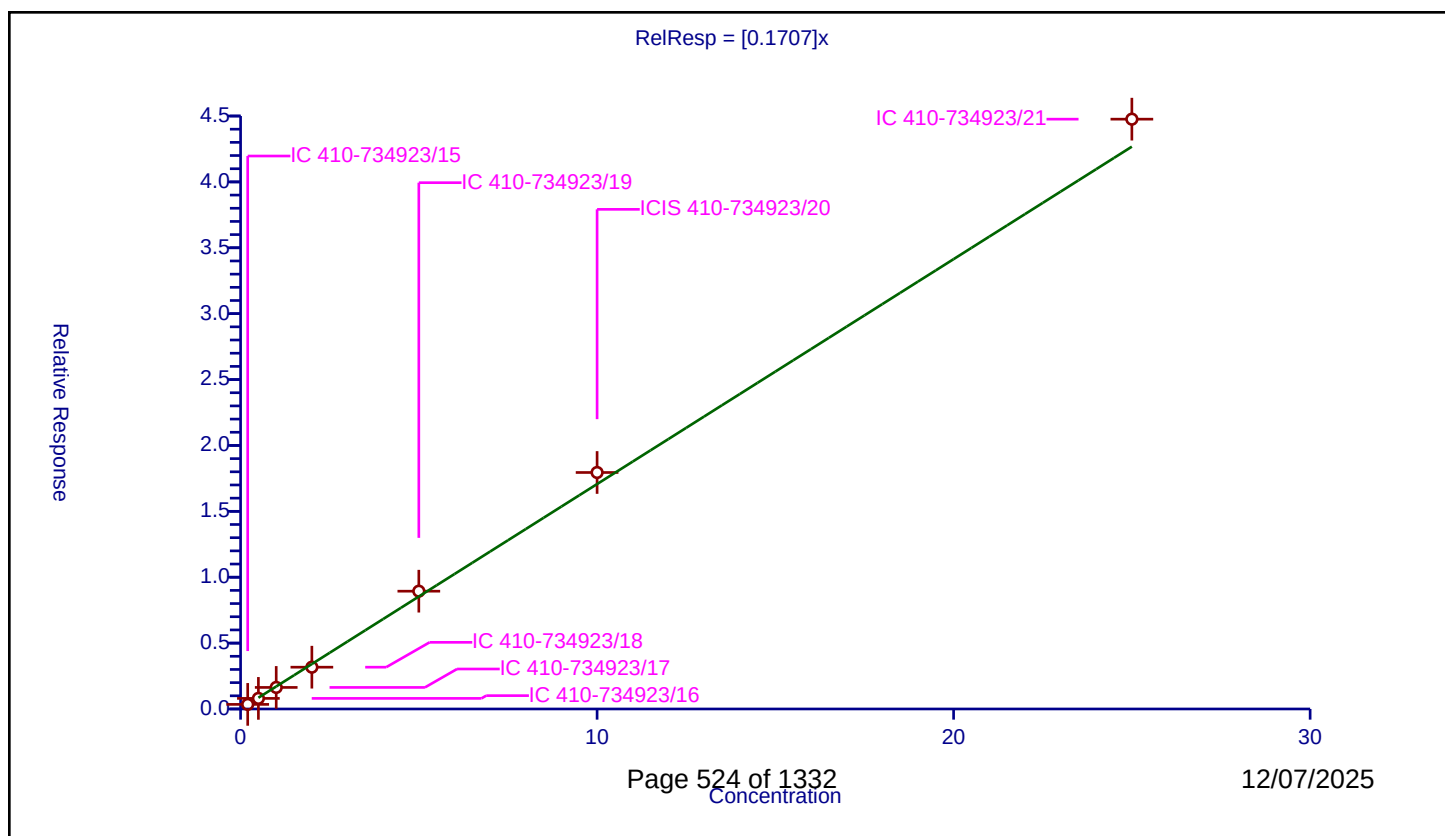
Curve Coefficients

Intercept: 0
Slope: 0.1707

Error Coefficients

Relative Standard Deviation: 5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.034888	9.99966	1982831.0	0.174442	Y
2	IC 410-734923/16	0.5	0.080455	9.99966	1997072.0	0.16091	Y
3	IC 410-734923/17	1.0	0.163663	9.99966	1981930.0	0.163663	Y
4	IC 410-734923/18	2.0	0.317121	9.99966	1973756.0	0.15856	Y
5	IC 410-734923/19	5.0	0.893894	9.99966	1940924.0	0.178779	Y
6	ICIS 410-734923/20	10.0	1.794755	9.99966	1937525.0	0.179475	Y
7	IC 410-734923/21	25.0	4.476035	9.99966	1903627.0	0.179041	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

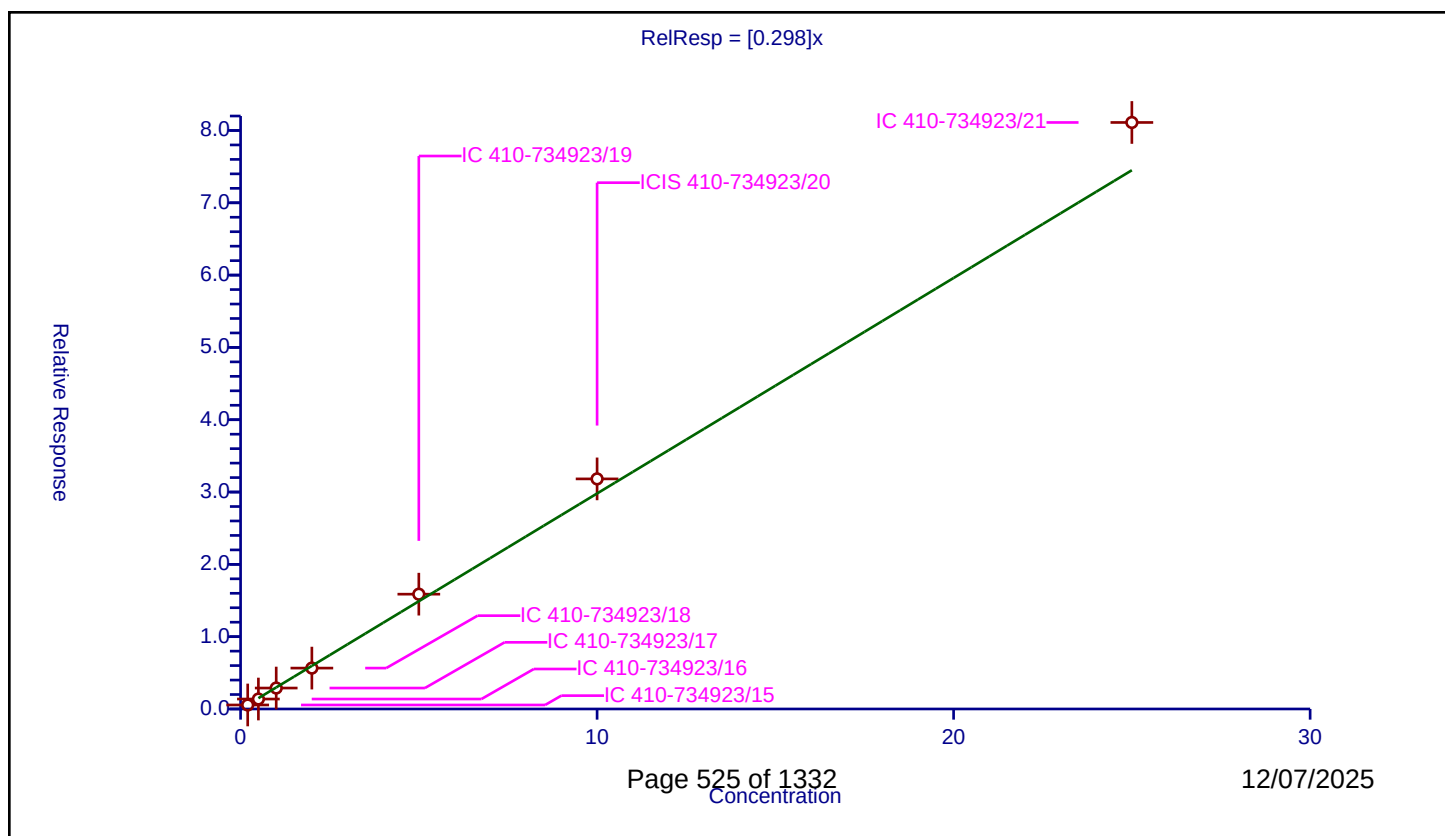
Curve Coefficients

Intercept: 0
Slope: 0.298

Error Coefficients

Relative Standard Deviation: 7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.055595	9.99966	1982831.0	0.277977	Y
2	IC 410-734923/16	0.5	0.137722	9.99966	1997072.0	0.275444	Y
3	IC 410-734923/17	1.0	0.289753	9.99966	1981930.0	0.289753	Y
4	IC 410-734923/18	2.0	0.565578	9.99966	1973756.0	0.282789	Y
5	IC 410-734923/19	5.0	1.587576	9.99966	1940924.0	0.317515	Y
6	ICIS 410-734923/20	10.0	3.181699	9.99966	1937525.0	0.31817	Y
7	IC 410-734923/21	25.0	8.110914	9.99966	1903627.0	0.324437	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

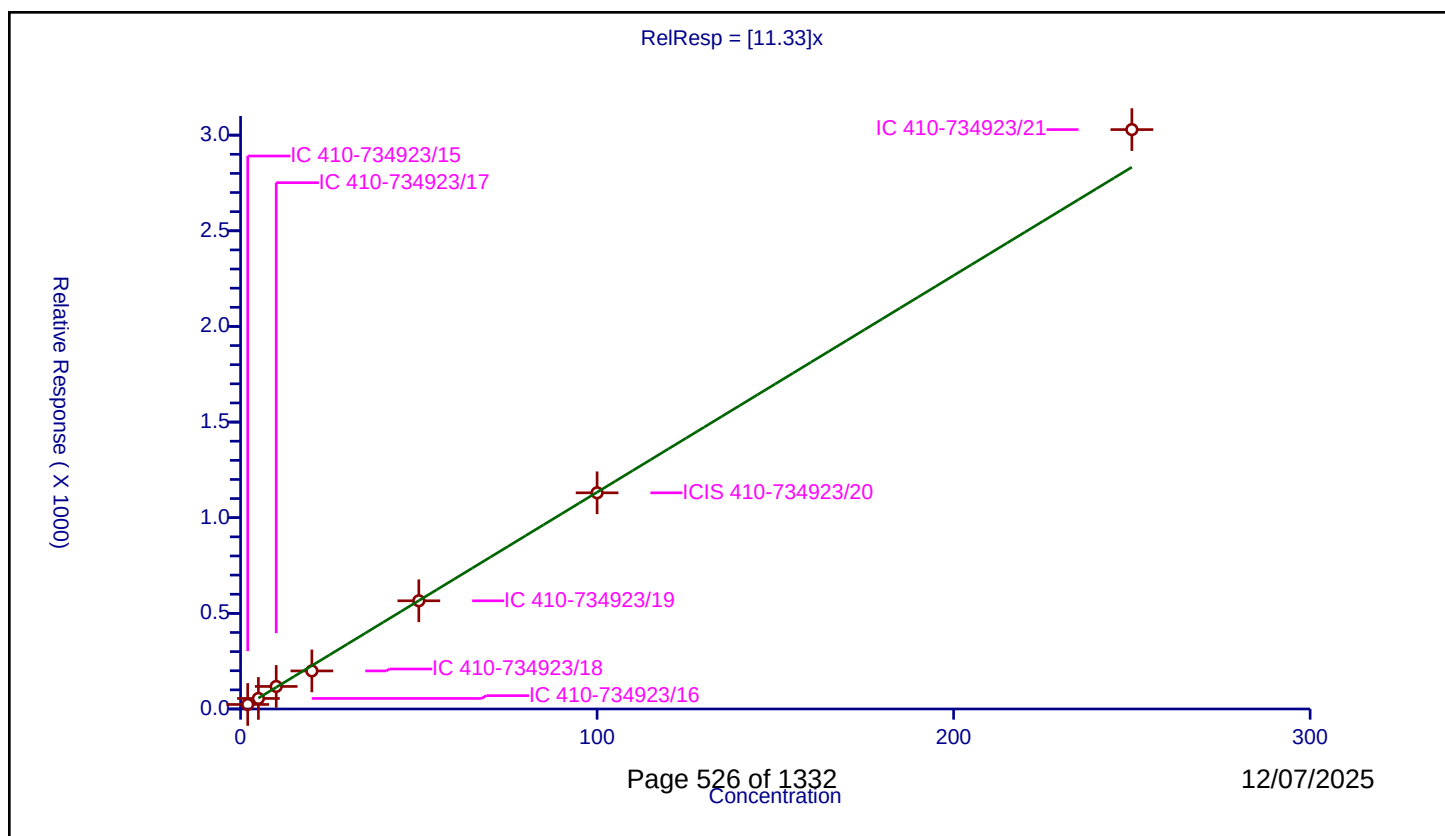
Curve Coefficients

Intercept: 0
 Slope: 11.33

Error Coefficients

Relative Standard Deviation: 6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	2.0	23.640394	49.9983	66382.0	11.820197	Y
2	IC 410-734923/16	5.0	55.102537	49.9983	67618.0	11.020507	Y
3	IC 410-734923/17	10.0	117.900782	49.9983	68208.0	11.790078	Y
4	IC 410-734923/18	20.0	199.076915	49.9983	79776.0	9.953846	Y
5	IC 410-734923/19	50.0	565.619907	49.9983	74483.0	11.312398	Y
6	ICIS 410-734923/20	100.0	1130.171988	49.9983	74044.0	11.30172	Y
7	IC 410-734923/21	250.0	3029.042374	49.9983	69047.0	12.116169	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

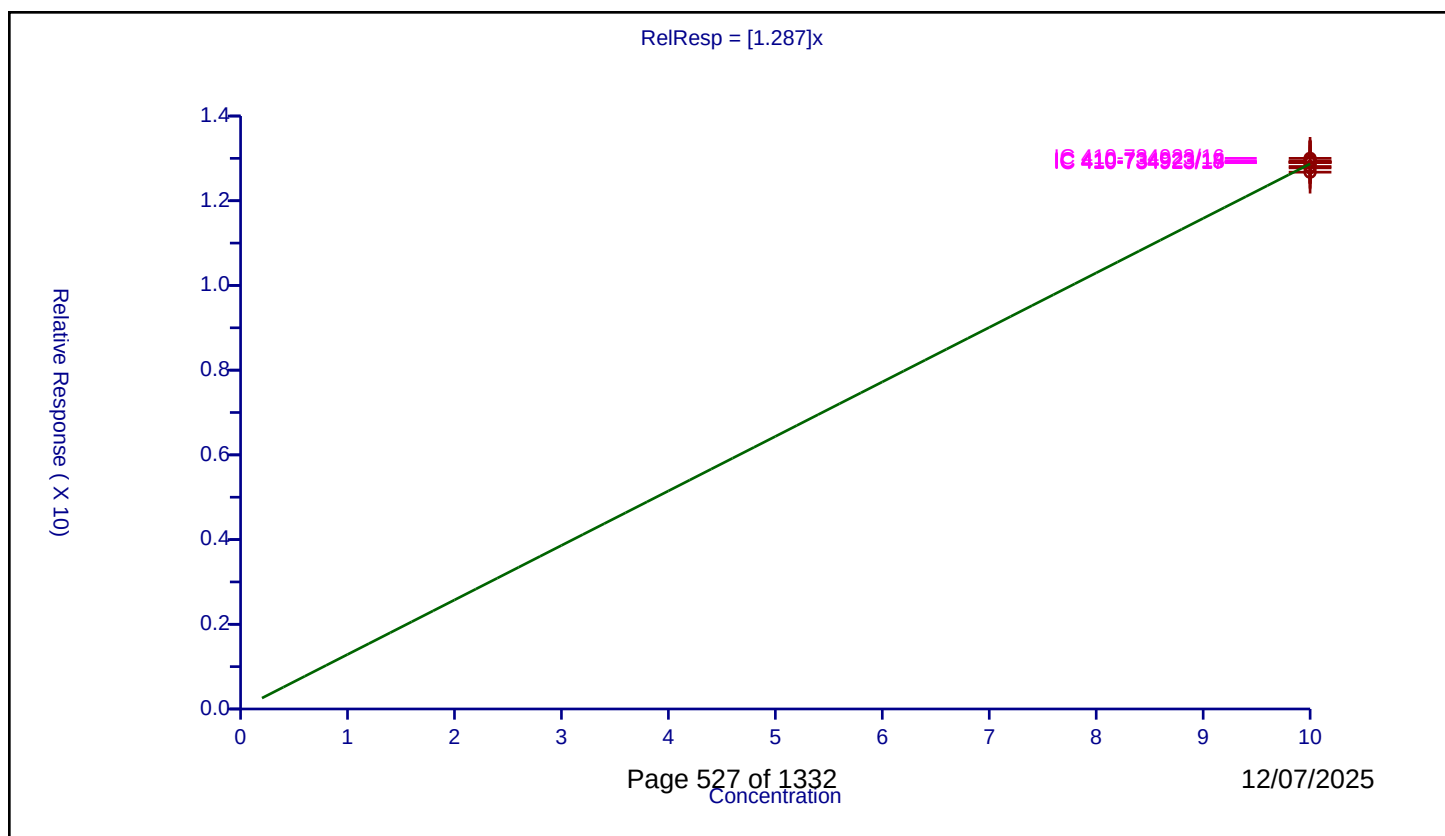
Curve Coefficients

Intercept: 0
 Slope: 1.287

Error Coefficients

Relative Standard Deviation: 0.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/13	9.99966	12.920592	9.99966	1496927.0	1.292103	Y
2	IC 410-734923/14	9.99966	12.936013	9.99966	1508715.0	1.293645	Y
3	IC 410-734923/15	9.99966	12.910155	9.99966	1502975.0	1.291059	Y
4	IC 410-734923/16	9.99966	13.000792	9.99966	1510832.0	1.300123	Y
5	IC 410-734923/17	9.99966	12.899067	9.99966	1505312.0	1.289951	Y
6	IC 410-734923/18	9.99966	12.902521	9.99966	1503214.0	1.290296	Y
7	IC 410-734923/19	9.99966	12.808918	9.99966	1488161.0	1.280935	Y
8	ICIS 410-734923/20	9.99966	12.775831	9.99966	1489962.0	1.277627	Y
9	IC 410-734923/21	9.99966	12.674246	9.99966	1470402.0	1.267468	Y



Calibration

/ Toluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

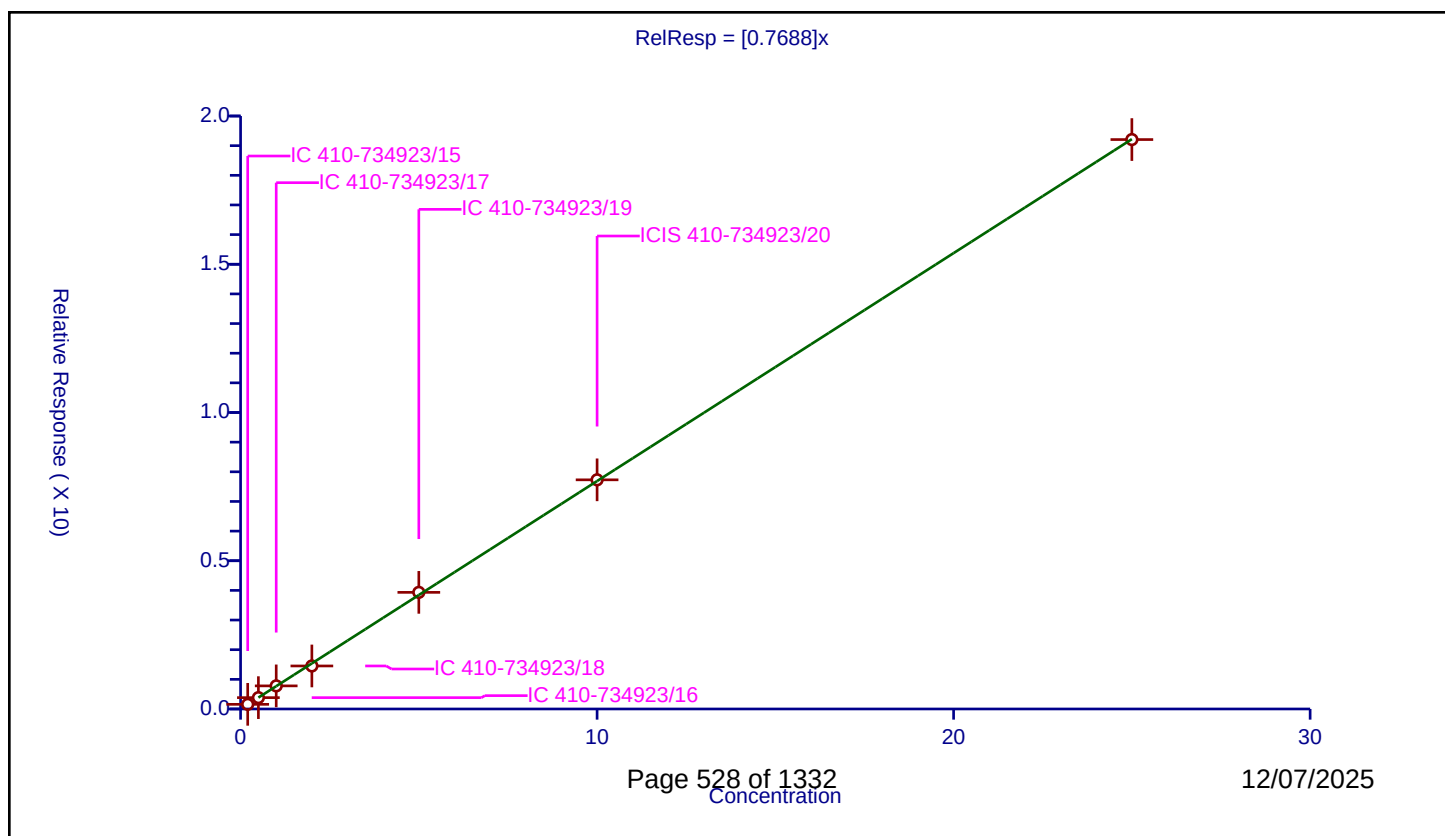
Curve Coefficients

Intercept: 0
Slope: 0.7688

Error Coefficients

Relative Standard Deviation: 2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.156764	9.99966	1502975.0	0.783819	Y
2	IC 410-734923/16	0.5	0.382518	9.99966	1510832.0	0.765036	Y
3	IC 410-734923/17	1.0	0.779128	9.99966	1505312.0	0.779128	Y
4	IC 410-734923/18	2.0	1.451361	9.99966	1503214.0	0.72568	Y
5	IC 410-734923/19	5.0	3.933762	9.99966	1488161.0	0.786752	Y
6	ICIS 410-734923/20	10.0	7.729209	9.99966	1489962.0	0.772921	Y
7	IC 410-734923/21	25.0	19.206197	9.99966	1470402.0	0.768248	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

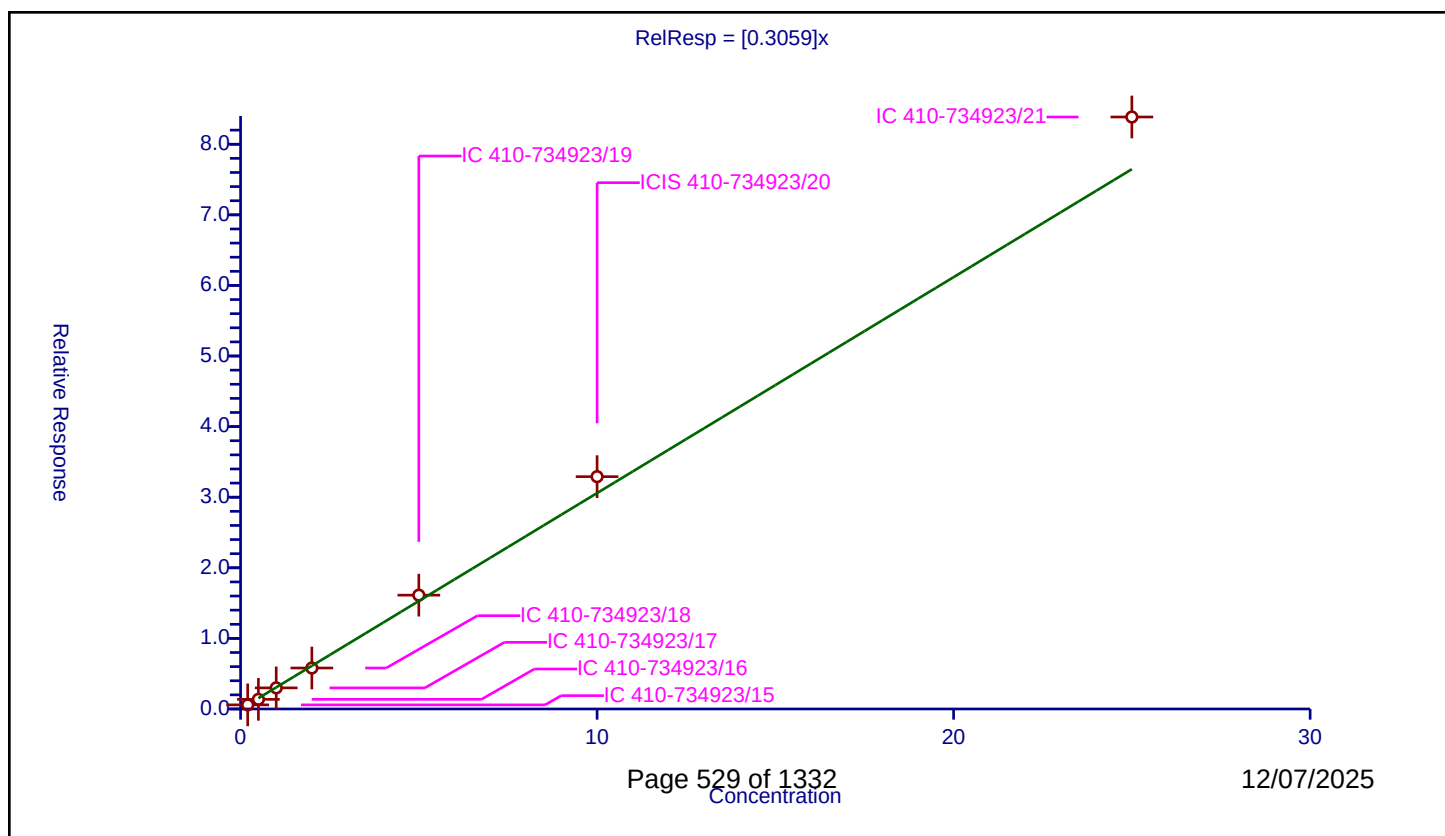
Curve Coefficients

Intercept: 0
Slope: 0.3059

Error Coefficients

Relative Standard Deviation: 7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.058382	9.99966	1502975.0	0.291911	Y
2	IC 410-734923/16	0.5	0.136457	9.99966	1510832.0	0.272913	Y
3	IC 410-734923/17	1.0	0.298998	9.99966	1505312.0	0.298998	Y
4	IC 410-734923/18	2.0	0.580437	9.99966	1503214.0	0.290218	Y
5	IC 410-734923/19	5.0	1.612365	9.99966	1488161.0	0.322473	Y
6	ICIS 410-734923/20	10.0	3.29116	9.99966	1489962.0	0.329116	Y
7	IC 410-734923/21	25.0	8.385966	9.99966	1470402.0	0.335439	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

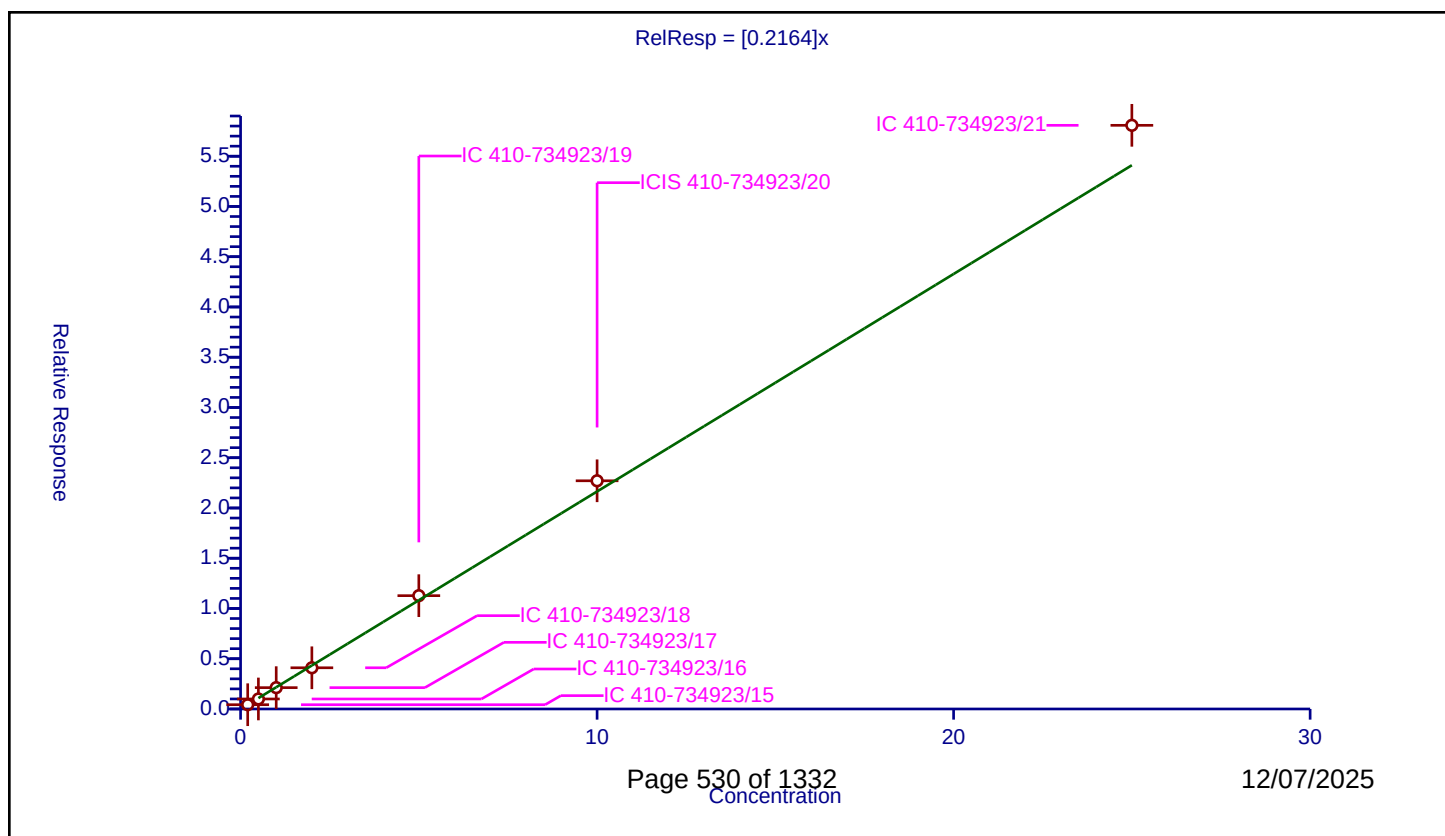
Curve Coefficients

Intercept: 0
Slope: 0.2164

Error Coefficients

Relative Standard Deviation: 5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.042707	9.99966	1502975.0	0.213536	Y
2	IC 410-734923/16	0.5	0.099604	9.99966	1510832.0	0.199208	Y
3	IC 410-734923/17	1.0	0.212288	9.99966	1505312.0	0.212288	Y
4	IC 410-734923/18	2.0	0.409968	9.99966	1503214.0	0.204984	Y
5	IC 410-734923/19	5.0	1.127454	9.99966	1488161.0	0.225491	Y
6	ICIS 410-734923/20	10.0	2.270511	9.99966	1489962.0	0.227051	Y
7	IC 410-734923/21	25.0	5.807282	9.99966	1470402.0	0.232291	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

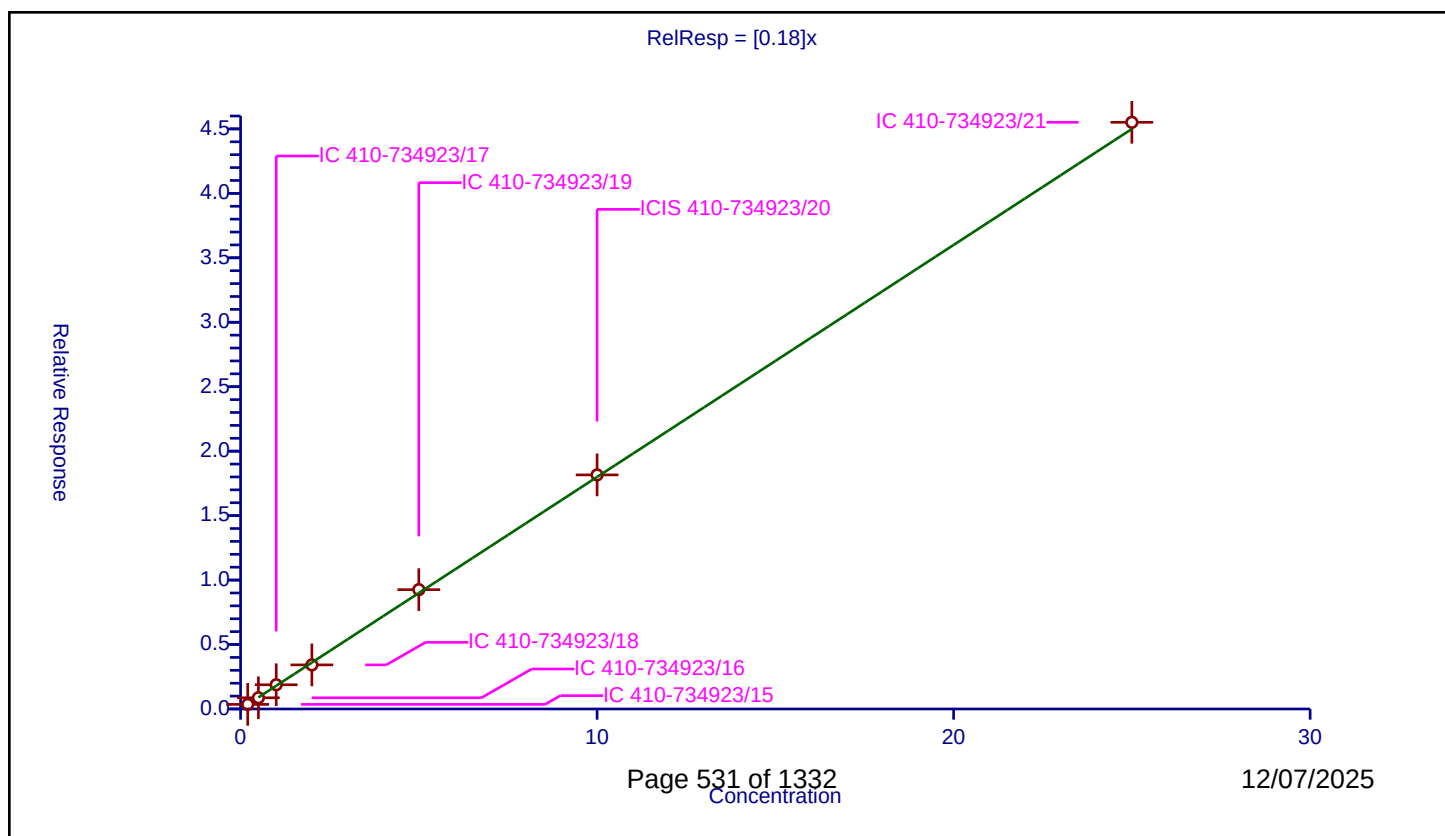
Curve Coefficients

Intercept: 0
Slope: 0.18

Error Coefficients

Relative Standard Deviation: 3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.035615	9.99966	1502975.0	0.178074	Y
2	IC 410-734923/16	0.5	0.086976	9.99966	1510832.0	0.173951	Y
3	IC 410-734923/17	1.0	0.188028	9.99966	1505312.0	0.188028	Y
4	IC 410-734923/18	2.0	0.342115	9.99966	1503214.0	0.171058	Y
5	IC 410-734923/19	5.0	0.92589	9.99966	1488161.0	0.185178	Y
6	ICIS 410-734923/20	10.0	1.815877	9.99966	1489962.0	0.181588	Y
7	IC 410-734923/21	25.0	4.551247	9.99966	1470402.0	0.18205	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

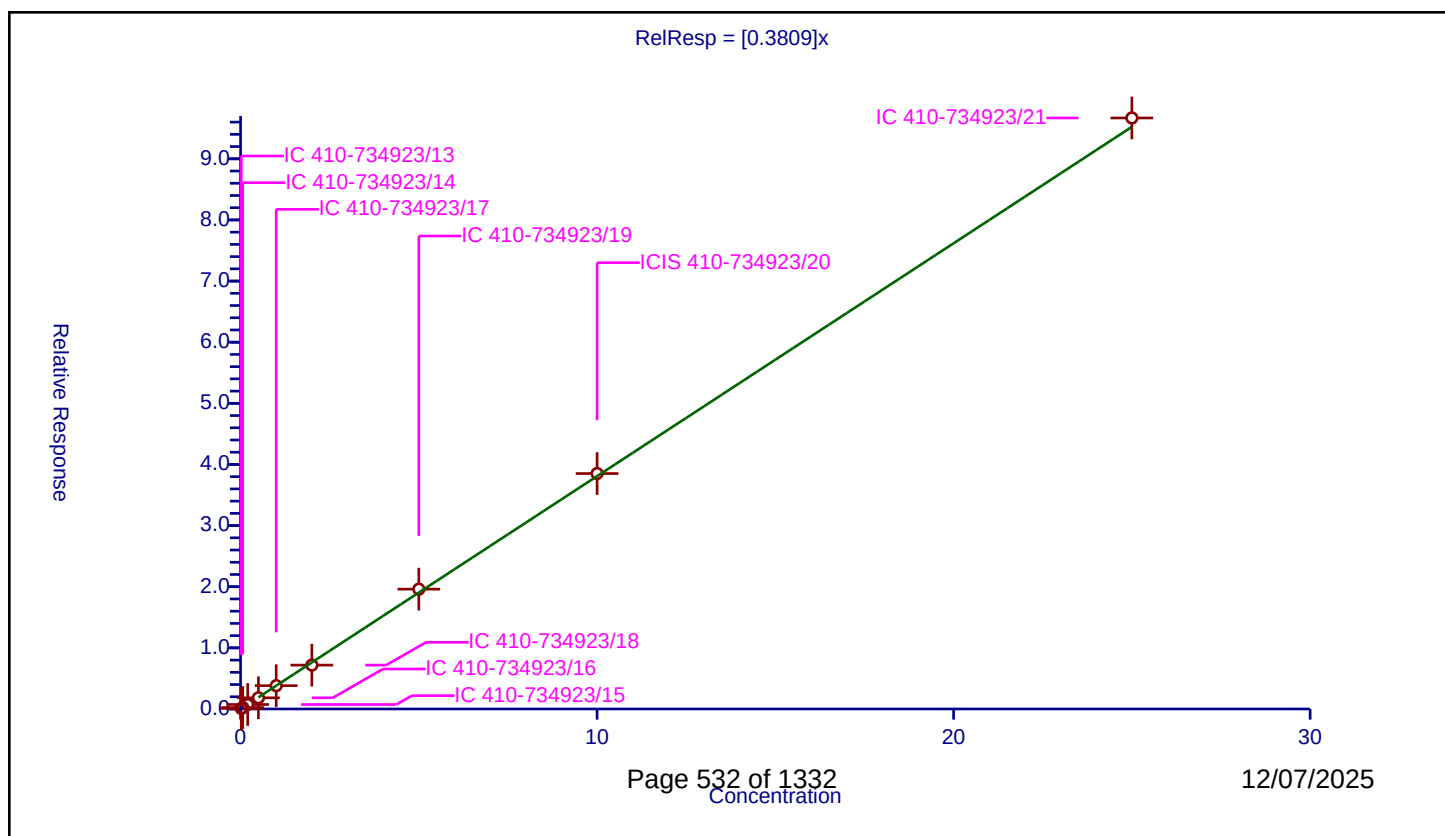
Curve Coefficients

Intercept: 0
Slope: 0.3809

Error Coefficients

Relative Standard Deviation: 3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/13	0.02	0.007889	9.99966	1496927.0	0.394461	Y
2	IC 410-734923/14	0.06	0.023721	9.99966	1508715.0	0.395356	Y
3	IC 410-734923/15	0.2	0.073611	9.99966	1502975.0	0.368057	Y
4	IC 410-734923/16	0.5	0.183085	9.99966	1510832.0	0.36617	Y
5	IC 410-734923/17	1.0	0.38129	9.99966	1505312.0	0.38129	Y
6	IC 410-734923/18	2.0	0.717724	9.99966	1503214.0	0.358862	Y
7	IC 410-734923/19	5.0	1.959983	9.99966	1488161.0	0.391997	Y
8	ICIS 410-734923/20	10.0	3.851806	9.99966	1489962.0	0.385181	Y
9	IC 410-734923/21	25.0	9.66819	9.99966	1470402.0	0.386728	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

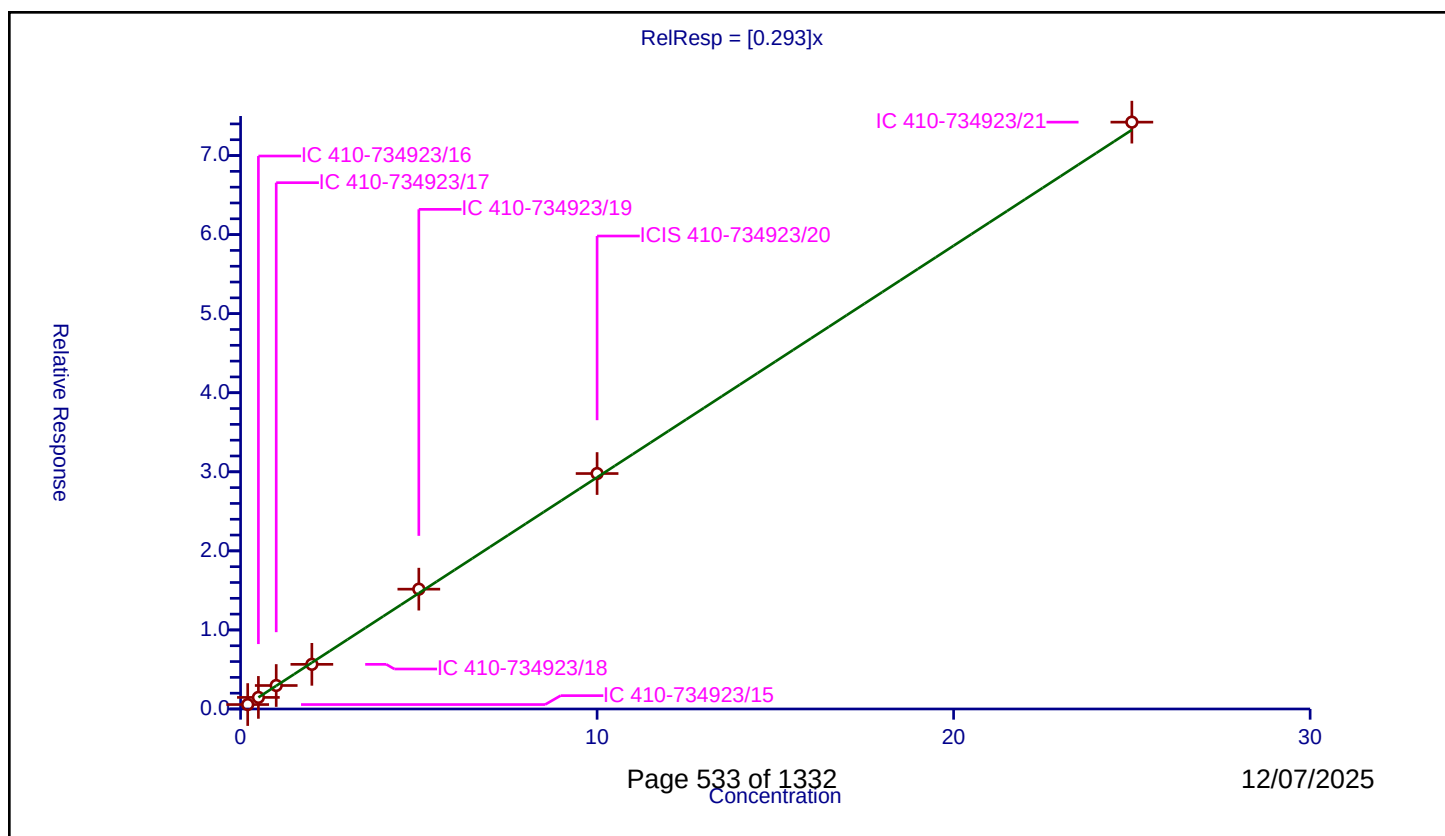
Curve Coefficients

Intercept: 0
Slope: 0.293

Error Coefficients

Relative Standard Deviation: 2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.056094	9.99966	1502975.0	0.280468	Y
2	IC 410-734923/16	0.5	0.146517	9.99966	1510832.0	0.293034	Y
3	IC 410-734923/17	1.0	0.296965	9.99966	1505312.0	0.296965	Y
4	IC 410-734923/18	2.0	0.564904	9.99966	1503214.0	0.282452	Y
5	IC 410-734923/19	5.0	1.515732	9.99966	1488161.0	0.303146	Y
6	ICIS 410-734923/20	10.0	2.977881	9.99966	1489962.0	0.297788	Y
7	IC 410-734923/21	25.0	7.42248	9.99966	1470402.0	0.296899	Y



Calibration

/ 2-Hexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

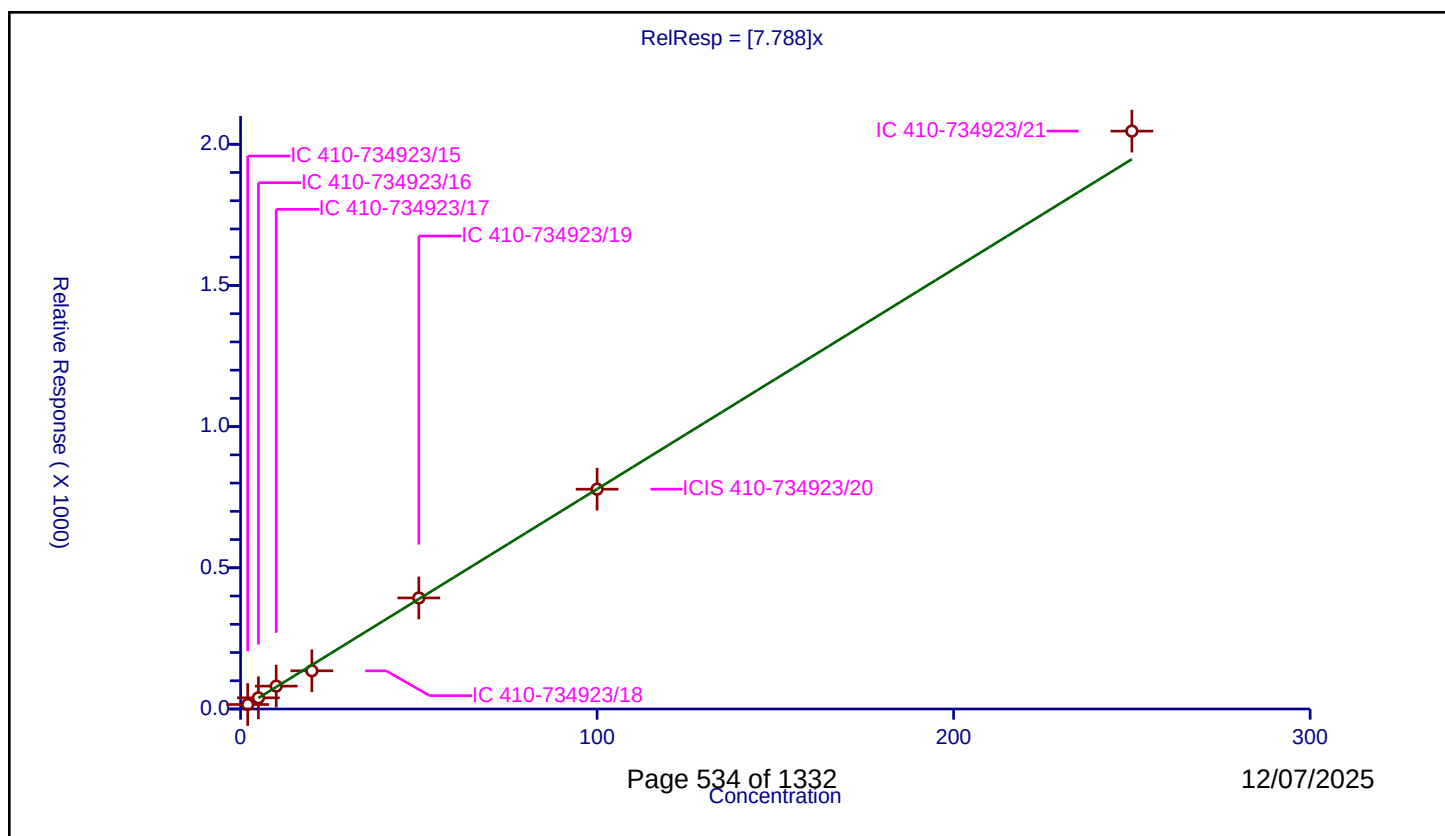
Curve Coefficients

Intercept: 0
Slope: 7.788

Error Coefficients

Relative Standard Deviation: 6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	2.0	15.857675	49.9983	66382.0	7.928838	Y
2	IC 410-734923/16	5.0	39.476312	49.9983	67618.0	7.895262	Y
3	IC 410-734923/17	10.0	80.983348	49.9983	68208.0	8.098335	Y
4	IC 410-734923/18	20.0	135.16889	49.9983	79776.0	6.758444	Y
5	IC 410-734923/19	50.0	393.252878	49.9983	74483.0	7.865058	Y
6	ICIS 410-734923/20	100.0	778.397174	49.9983	74044.0	7.783972	Y
7	IC 410-734923/21	250.0	2046.54504	49.9983	69047.0	8.18618	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

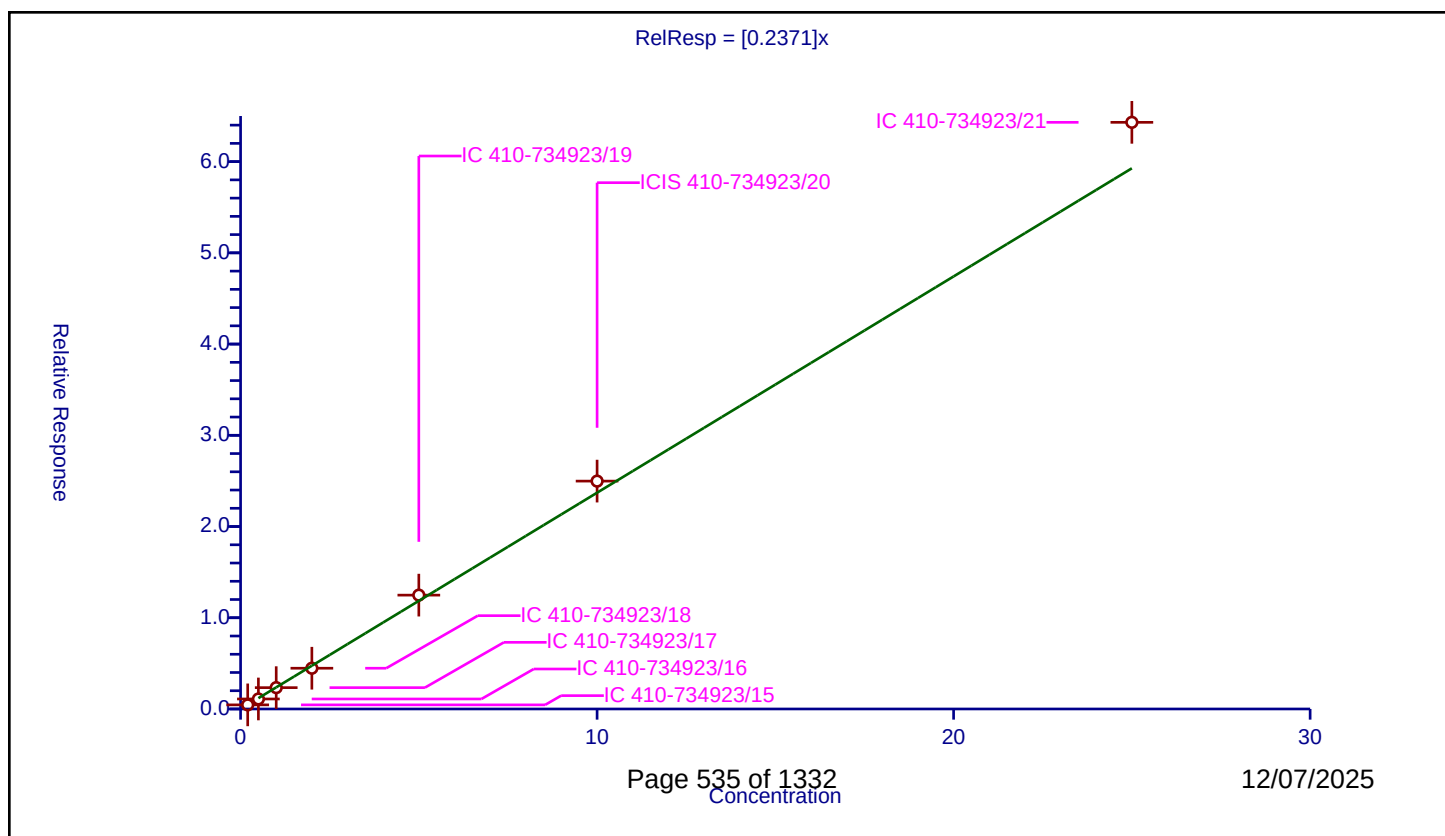
Curve Coefficients

Intercept: 0
Slope: 0.2371

Error Coefficients

Relative Standard Deviation: 6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.045242	9.99966	1502975.0	0.22621	Y
2	IC 410-734923/16	0.5	0.109664	9.99966	1510832.0	0.219329	Y
3	IC 410-734923/17	1.0	0.23397	9.99966	1505312.0	0.23397	Y
4	IC 410-734923/18	2.0	0.446861	9.99966	1503214.0	0.22343	Y
5	IC 410-734923/19	5.0	1.247887	9.99966	1488161.0	0.249577	Y
6	ICIS 410-734923/20	10.0	2.497831	9.99966	1489962.0	0.249783	Y
7	IC 410-734923/21	25.0	6.430853	9.99966	1470402.0	0.257234	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

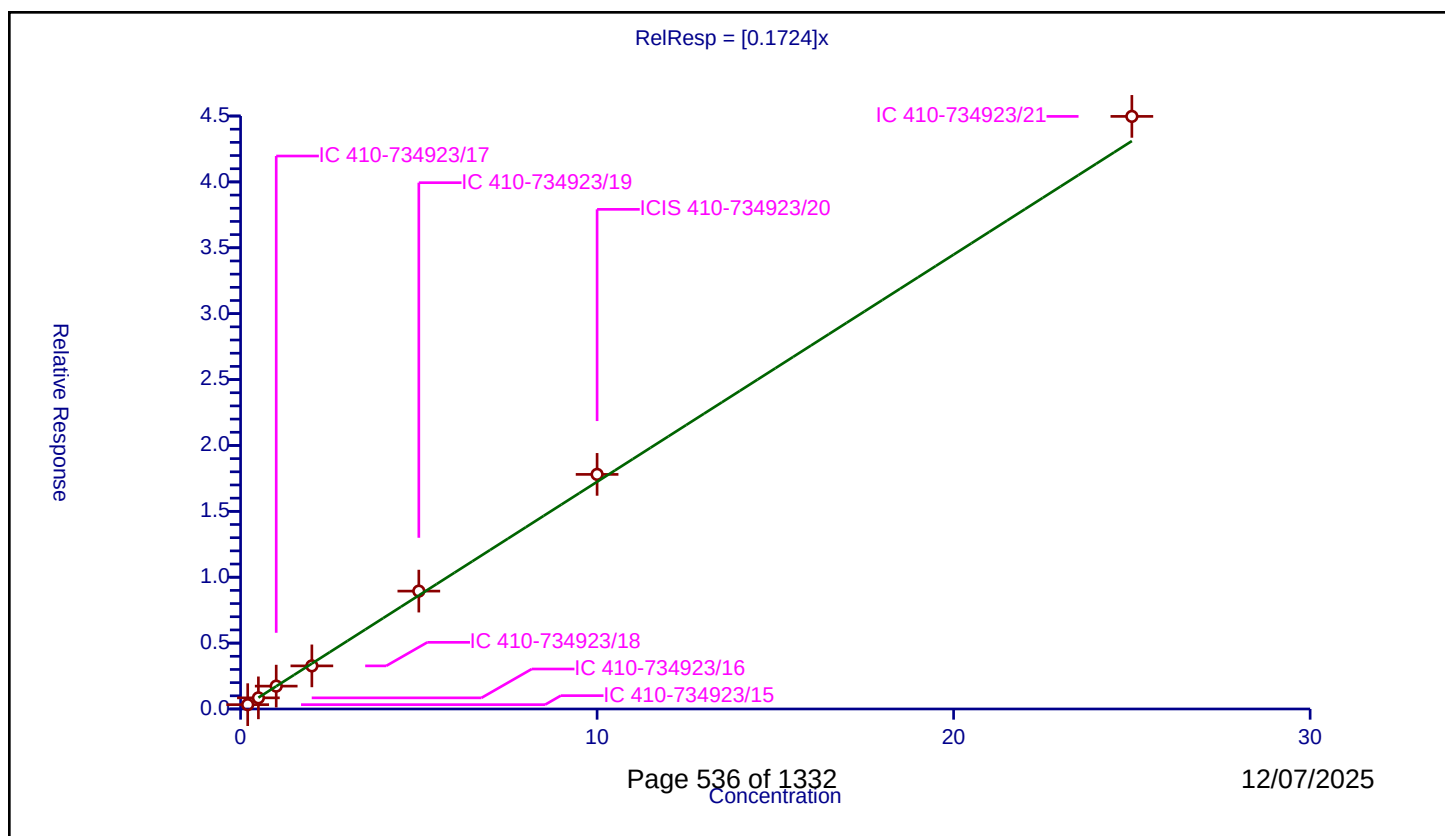
Curve Coefficients

Intercept: 0
 Slope: 0.1724

Error Coefficients

Relative Standard Deviation: 4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.032807	9.99966	1502975.0	0.164036	Y
2	IC 410-734923/16	0.5	0.084494	9.99966	1510832.0	0.168987	Y
3	IC 410-734923/17	1.0	0.173447	9.99966	1505312.0	0.173447	Y
4	IC 410-734923/18	2.0	0.327041	9.99966	1503214.0	0.163521	Y
5	IC 410-734923/19	5.0	0.894584	9.99966	1488161.0	0.178917	Y
6	ICIS 410-734923/20	10.0	1.780367	9.99966	1489962.0	0.178037	Y
7	IC 410-734923/21	25.0	4.497127	9.99966	1470402.0	0.179885	Y



Calibration

/ 1-Chlorohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

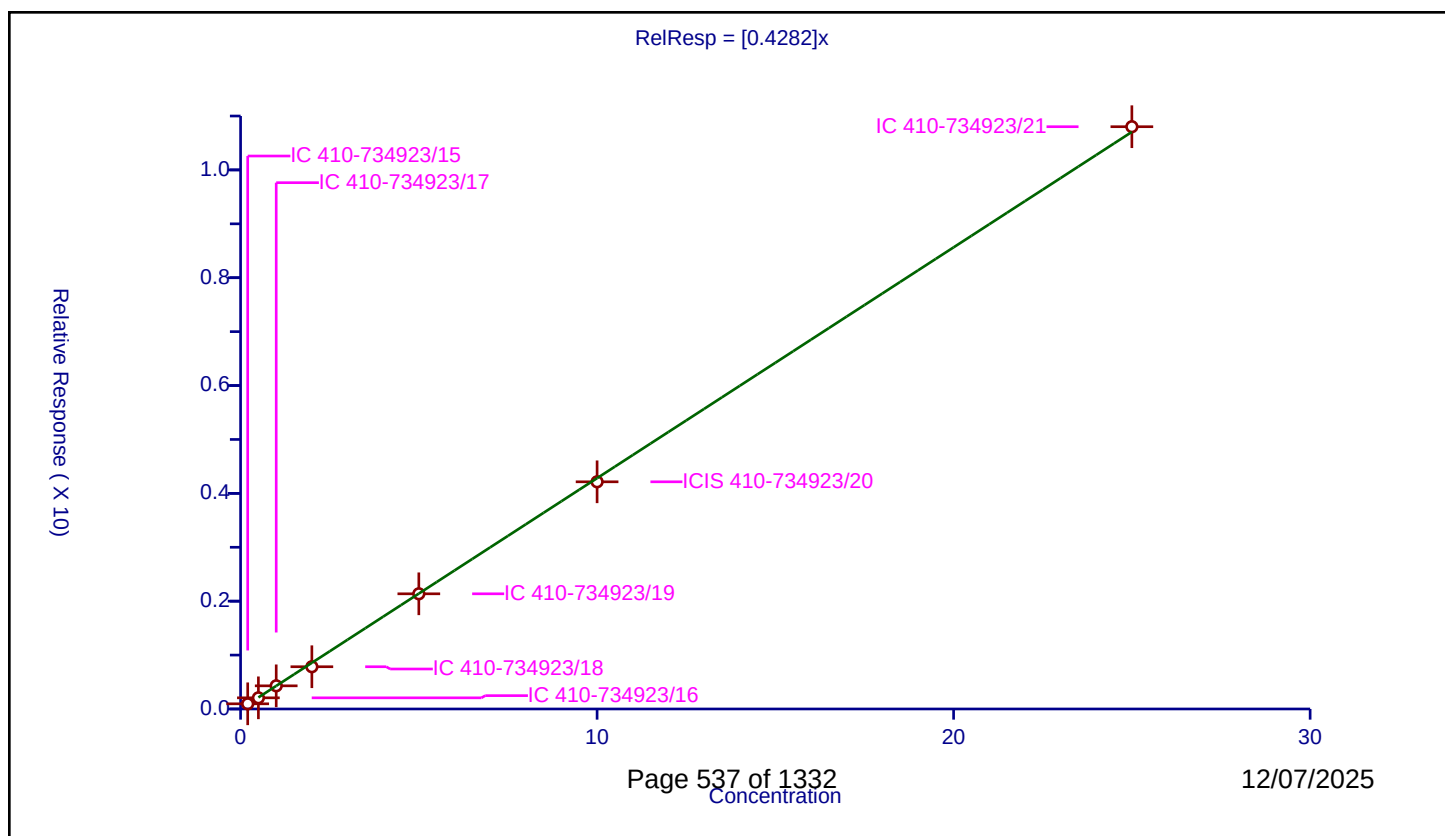
Curve Coefficients

Intercept: 0
Slope: 0.4282

Error Coefficients

Relative Standard Deviation: 6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.096099	9.99966	1502975.0	0.480497	Y
2	IC 410-734923/16	0.5	0.20717	9.99966	1510832.0	0.41434	Y
3	IC 410-734923/17	1.0	0.429757	9.99966	1505312.0	0.429757	Y
4	IC 410-734923/18	2.0	0.783734	9.99966	1503214.0	0.391867	Y
5	IC 410-734923/19	5.0	2.136907	9.99966	1488161.0	0.427381	Y
6	ICIS 410-734923/20	10.0	4.214427	9.99966	1489962.0	0.421443	Y
7	IC 410-734923/21	25.0	10.801645	9.99966	1470402.0	0.432066	Y



Calibration

/ Chlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

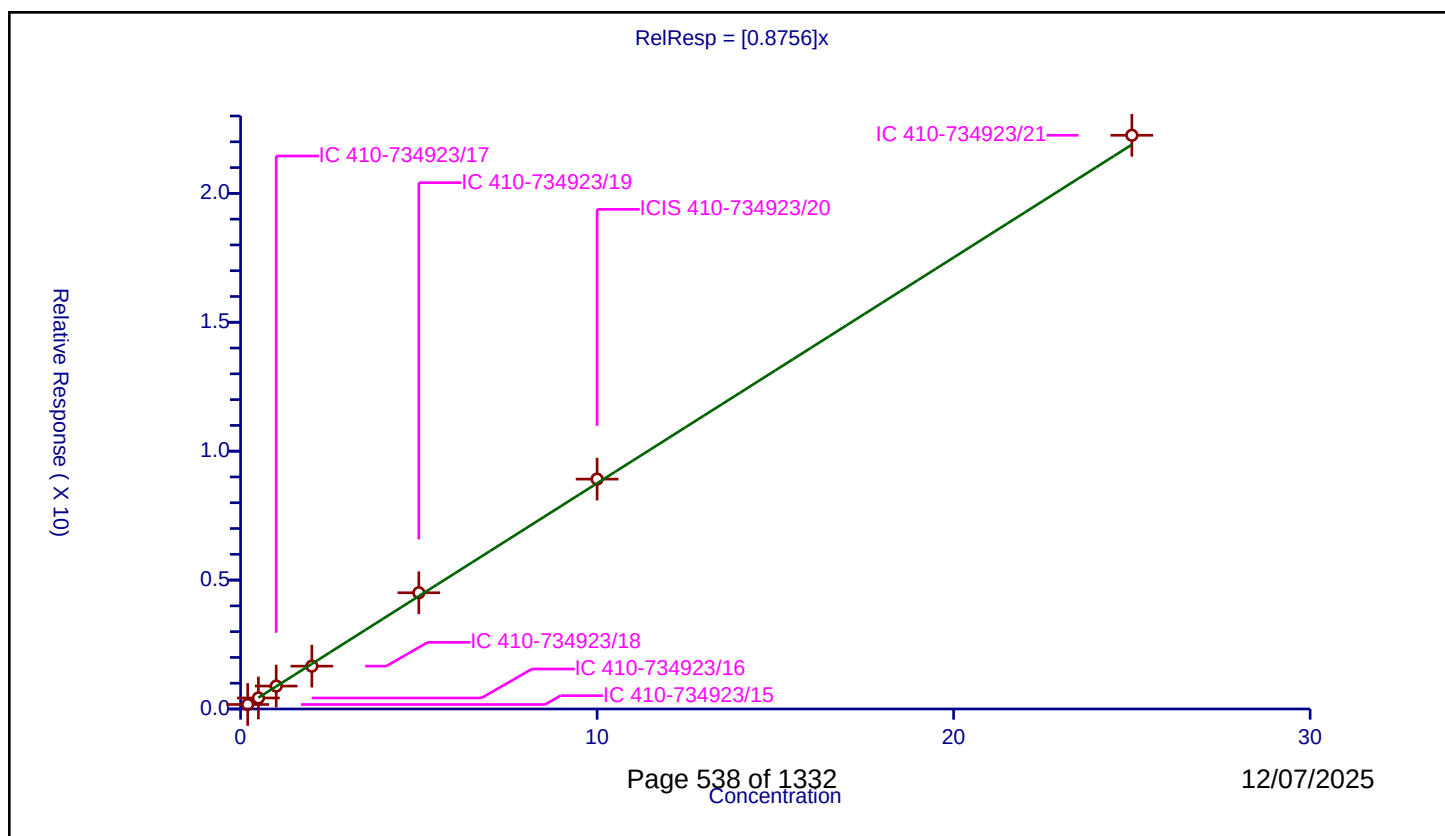
Curve Coefficients

Intercept: 0
Slope: 0.8756

Error Coefficients

Relative Standard Deviation: 2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.174521	9.99966	1502975.0	0.872606	Y
2	IC 410-734923/16	0.5	0.426631	9.99966	1510832.0	0.853262	Y
3	IC 410-734923/17	1.0	0.888636	9.99966	1505312.0	0.888636	Y
4	IC 410-734923/18	2.0	1.661942	9.99966	1503214.0	0.830971	Y
5	IC 410-734923/19	5.0	4.507968	9.99966	1488161.0	0.901594	Y
6	ICIS 410-734923/20	10.0	8.916904	9.99966	1489962.0	0.89169	Y
7	IC 410-734923/21	25.0	22.252811	9.99966	1470402.0	0.890112	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

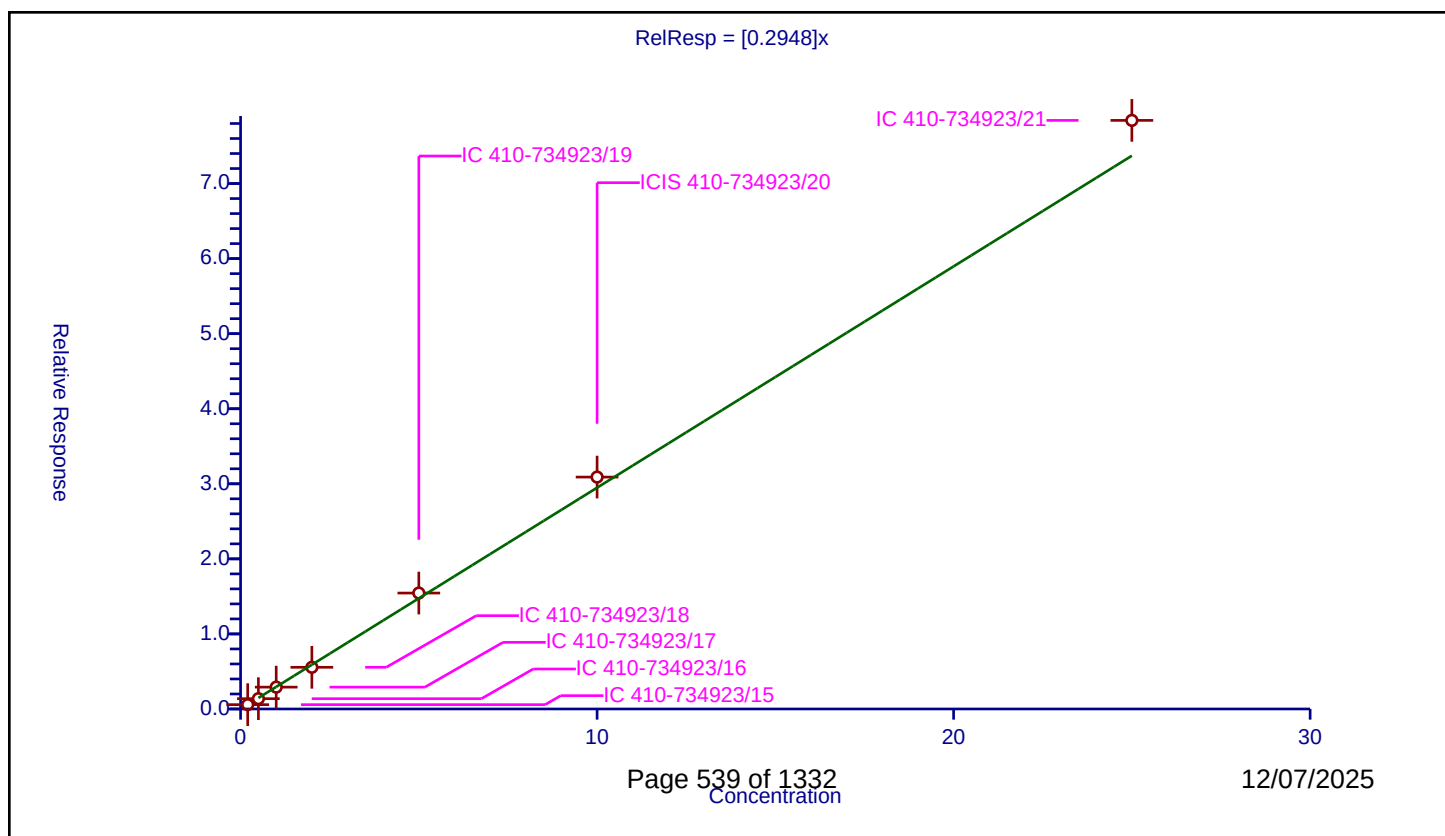
Curve Coefficients

Intercept: 0
Slope: 0.2948

Error Coefficients

Relative Standard Deviation: 5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.05779	9.99966	1502975.0	0.28895	Y
2	IC 410-734923/16	0.5	0.137271	9.99966	1510832.0	0.274541	Y
3	IC 410-734923/17	1.0	0.291073	9.99966	1505312.0	0.291073	Y
4	IC 410-734923/18	2.0	0.555325	9.99966	1503214.0	0.277662	Y
5	IC 410-734923/19	5.0	1.544599	9.99966	1488161.0	0.30892	Y
6	ICIS 410-734923/20	10.0	3.089746	9.99966	1489962.0	0.308975	Y
7	IC 410-734923/21	25.0	7.841908	9.99966	1470402.0	0.313676	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

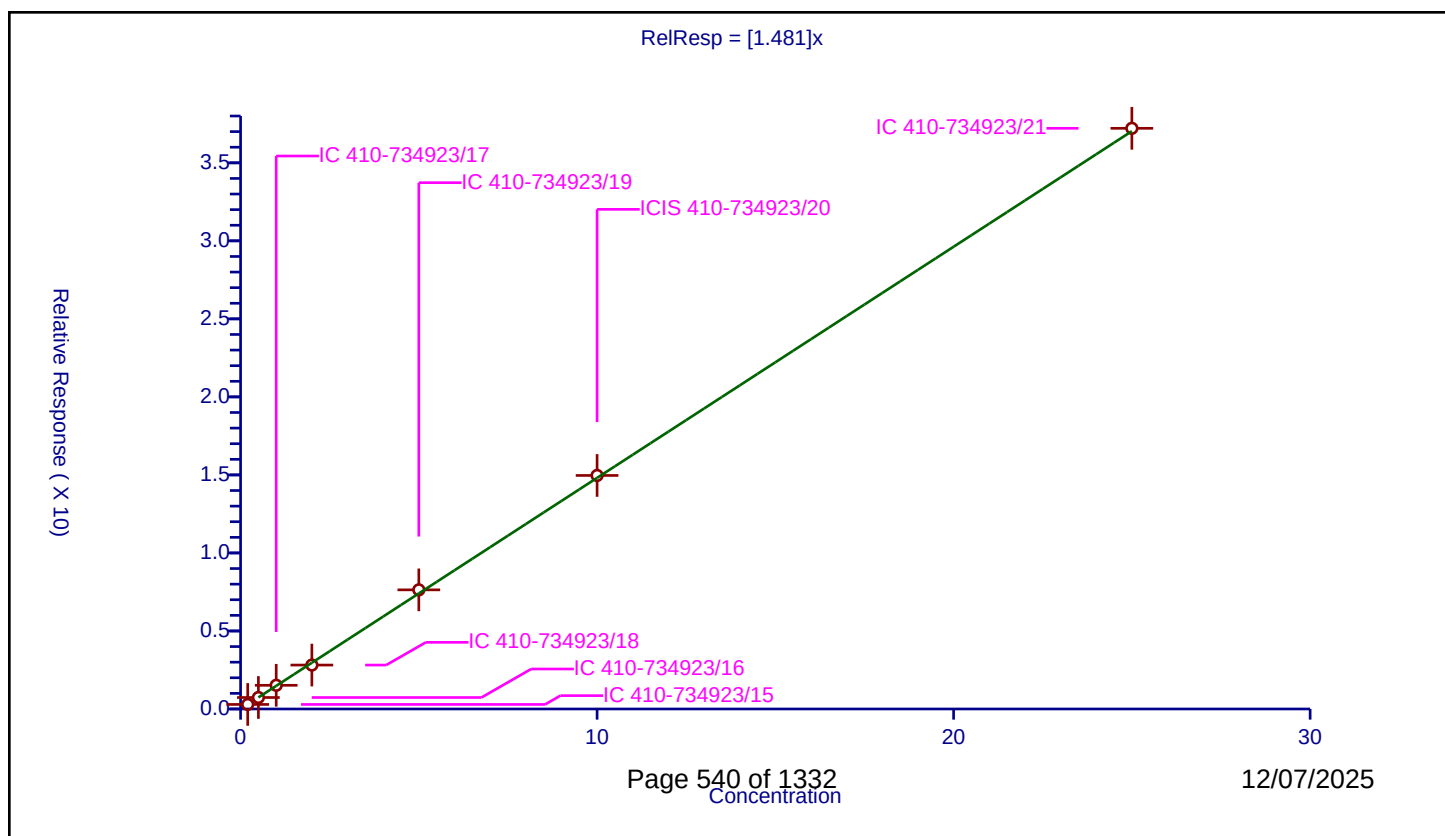
Curve Coefficients

Intercept: 0
Slope: 1.481

Error Coefficients

Relative Standard Deviation: 2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.291705	9.99966	1502975.0	1.458524	Y
2	IC 410-734923/16	0.5	0.735285	9.99966	1510832.0	1.47057	Y
3	IC 410-734923/17	1.0	1.518663	9.99966	1505312.0	1.518663	Y
4	IC 410-734923/18	2.0	2.815964	9.99966	1503214.0	1.407982	Y
5	IC 410-734923/19	5.0	7.63503	9.99966	1488161.0	1.527006	Y
6	ICIS 410-734923/20	10.0	14.966316	9.99966	1489962.0	1.496632	Y
7	IC 410-734923/21	25.0	37.212449	9.99966	1470402.0	1.488498	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

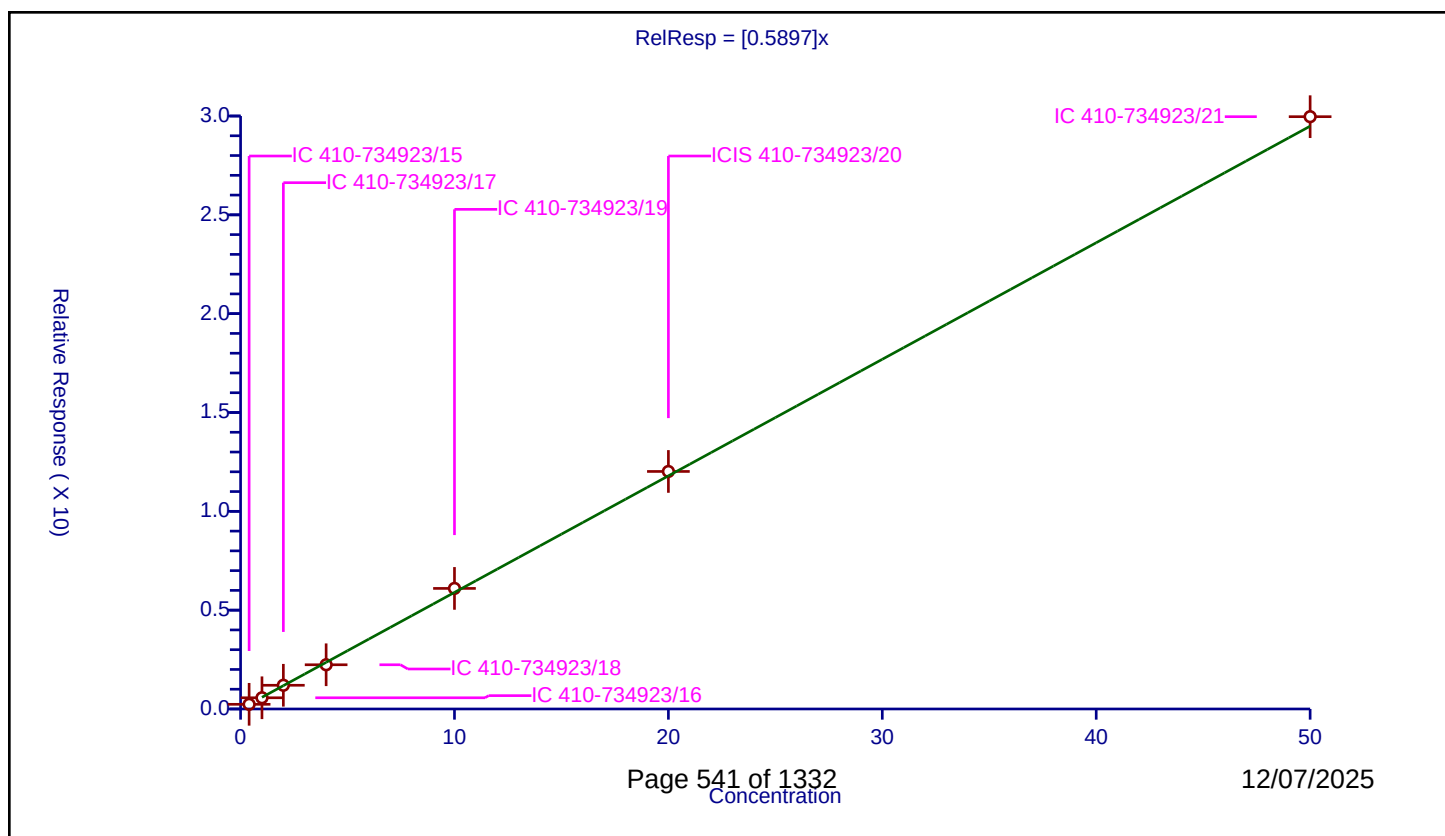
Curve Coefficients

Intercept: 0
Slope: 0.5897

Error Coefficients

Relative Standard Deviation: 3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.4	0.23625	9.99966	1502975.0	0.590625	Y
2	IC 410-734923/16	1.0	0.567701	9.99966	1510832.0	0.567701	Y
3	IC 410-734923/17	2.0	1.200262	9.99966	1505312.0	0.600131	Y
4	IC 410-734923/18	4.0	2.237144	9.99966	1503214.0	0.559286	Y
5	IC 410-734923/19	10.0	6.100766	9.99966	1488161.0	0.610077	Y
6	ICIS 410-734923/20	20.0	12.017019	9.99966	1489962.0	0.600851	Y
7	IC 410-734923/21	50.0	29.96684	9.99966	1470402.0	0.599337	Y



Calibration

/ o-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

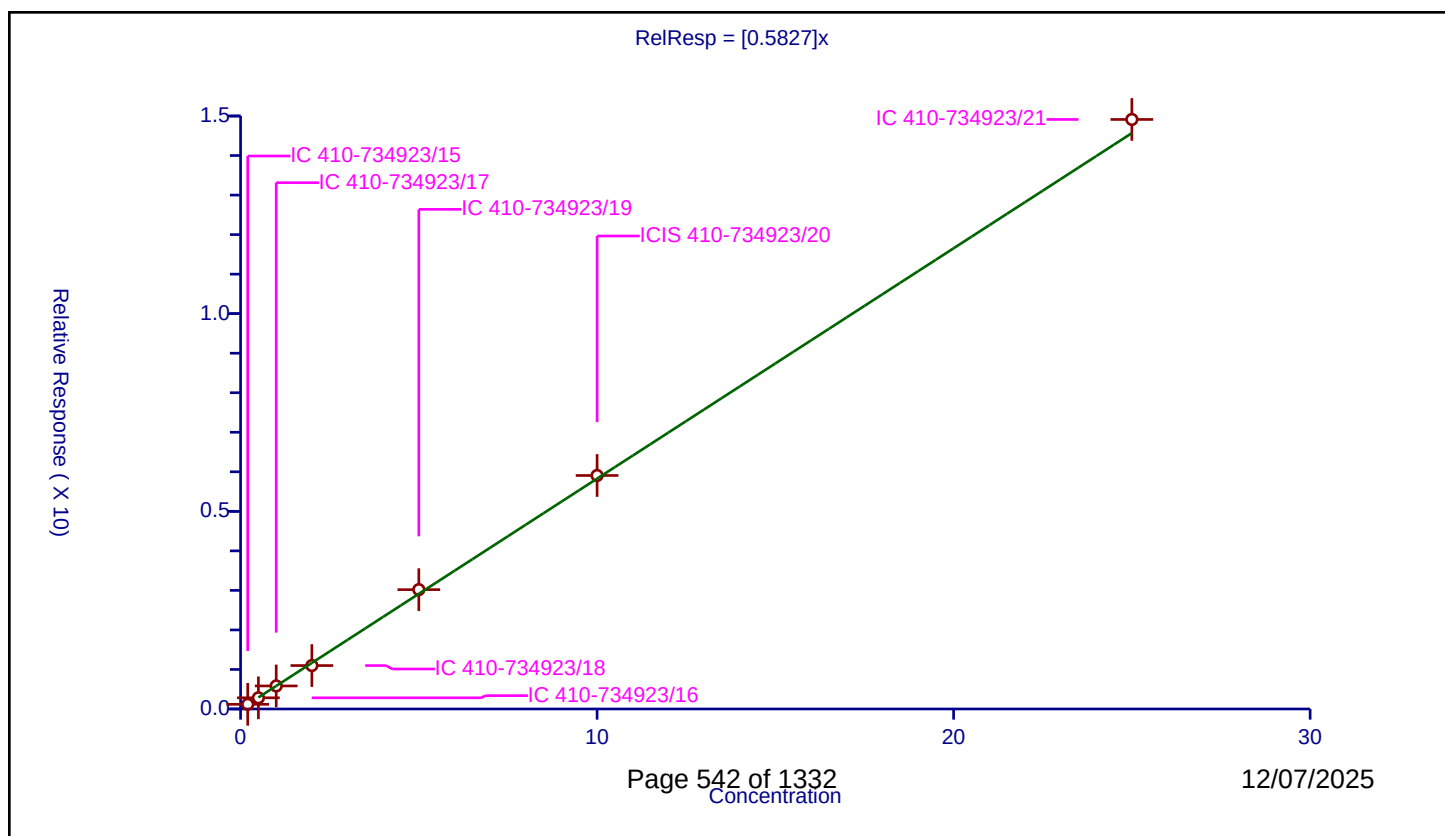
Curve Coefficients

Intercept: 0
Slope: 0.5827

Error Coefficients

Relative Standard Deviation: 3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.118049	9.99966	1502975.0	0.590243	Y
2	IC 410-734923/16	0.5	0.282722	9.99966	1510832.0	0.565444	Y
3	IC 410-734923/17	1.0	0.582976	9.99966	1505312.0	0.582976	Y
4	IC 410-734923/18	2.0	1.098456	9.99966	1503214.0	0.549228	Y
5	IC 410-734923/19	5.0	3.019174	9.99966	1488161.0	0.603835	Y
6	ICIS 410-734923/20	10.0	5.906601	9.99966	1489962.0	0.59066	Y
7	IC 410-734923/21	25.0	14.91304	9.99966	1470402.0	0.596522	Y



Calibration

/ Styrene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

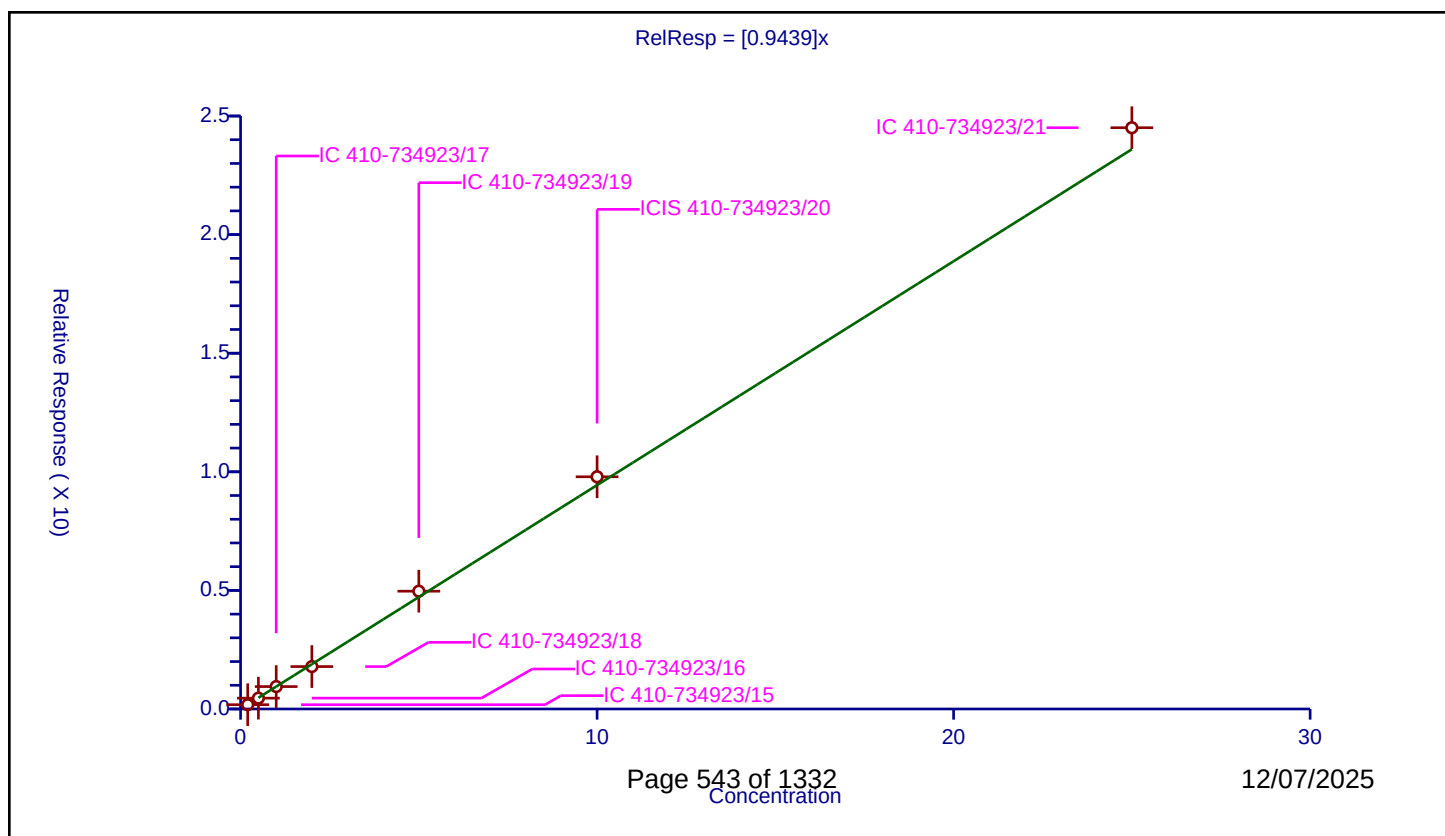
Curve Coefficients

Intercept: 0
Slope: 0.9439

Error Coefficients

Relative Standard Deviation: 4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.180343	9.99966	1502975.0	0.901714	Y
2	IC 410-734923/16	0.5	0.456852	9.99966	1510832.0	0.913704	Y
3	IC 410-734923/17	1.0	0.945141	9.99966	1505312.0	0.945141	Y
4	IC 410-734923/18	2.0	1.788048	9.99966	1503214.0	0.894024	Y
5	IC 410-734923/19	5.0	4.966444	9.99966	1488161.0	0.993289	Y
6	ICIS 410-734923/20	10.0	9.789783	9.99966	1489962.0	0.978978	Y
7	IC 410-734923/21	25.0	24.506642	9.99966	1470402.0	0.980266	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

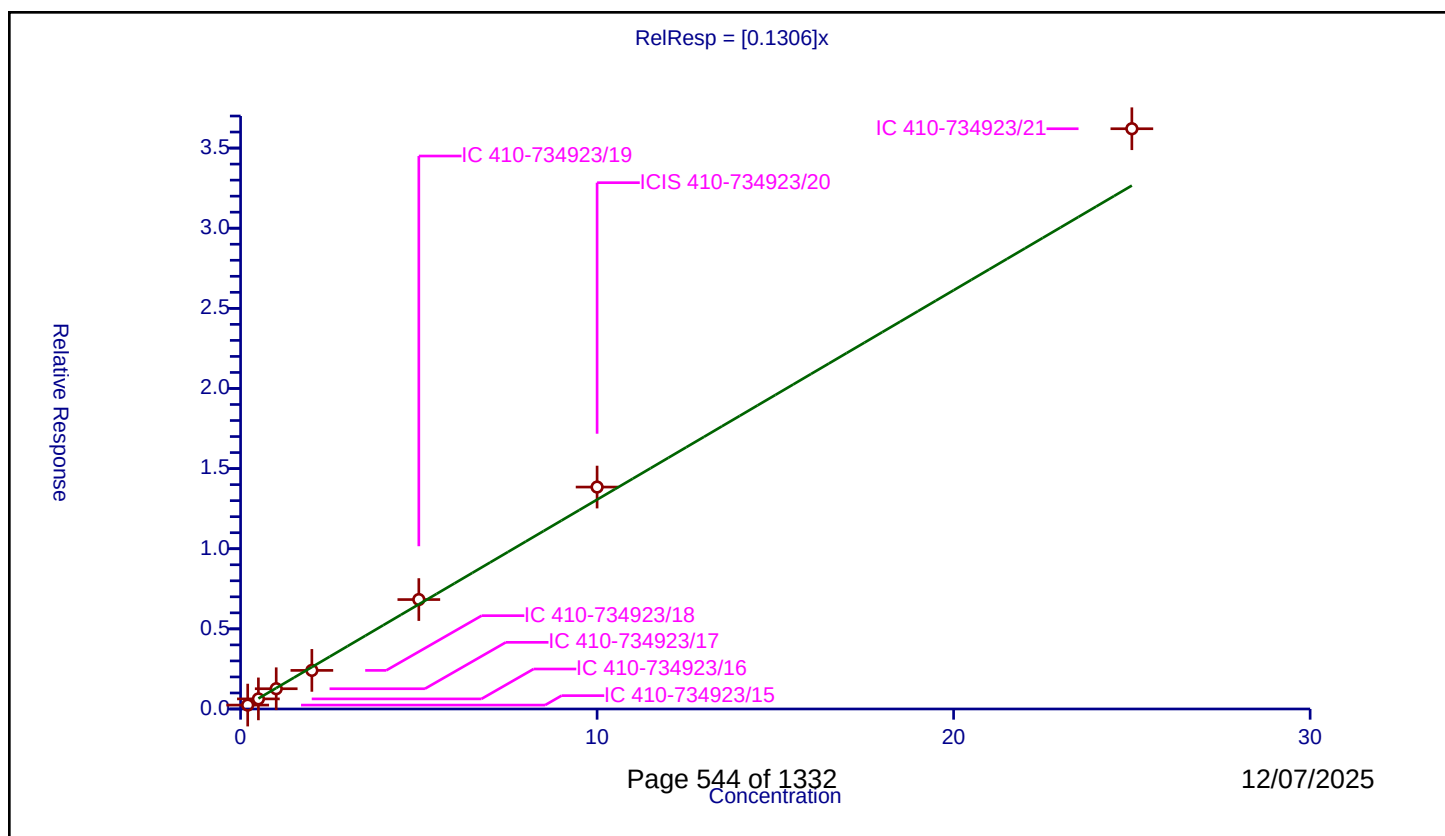
Curve Coefficients

Intercept: 0
Slope: 0.1306

Error Coefficients

Relative Standard Deviation: 7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.024384	9.99966	1502975.0	0.121921	Y
2	IC 410-734923/16	0.5	0.06293	9.99966	1510832.0	0.12586	Y
3	IC 410-734923/17	1.0	0.126441	9.99966	1505312.0	0.126441	Y
4	IC 410-734923/18	2.0	0.240776	9.99966	1503214.0	0.120388	Y
5	IC 410-734923/19	5.0	0.68284	9.99966	1488161.0	0.136568	Y
6	ICIS 410-734923/20	10.0	1.384753	9.99966	1489962.0	0.138475	Y
7	IC 410-734923/21	25.0	3.620642	9.99966	1470402.0	0.144826	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

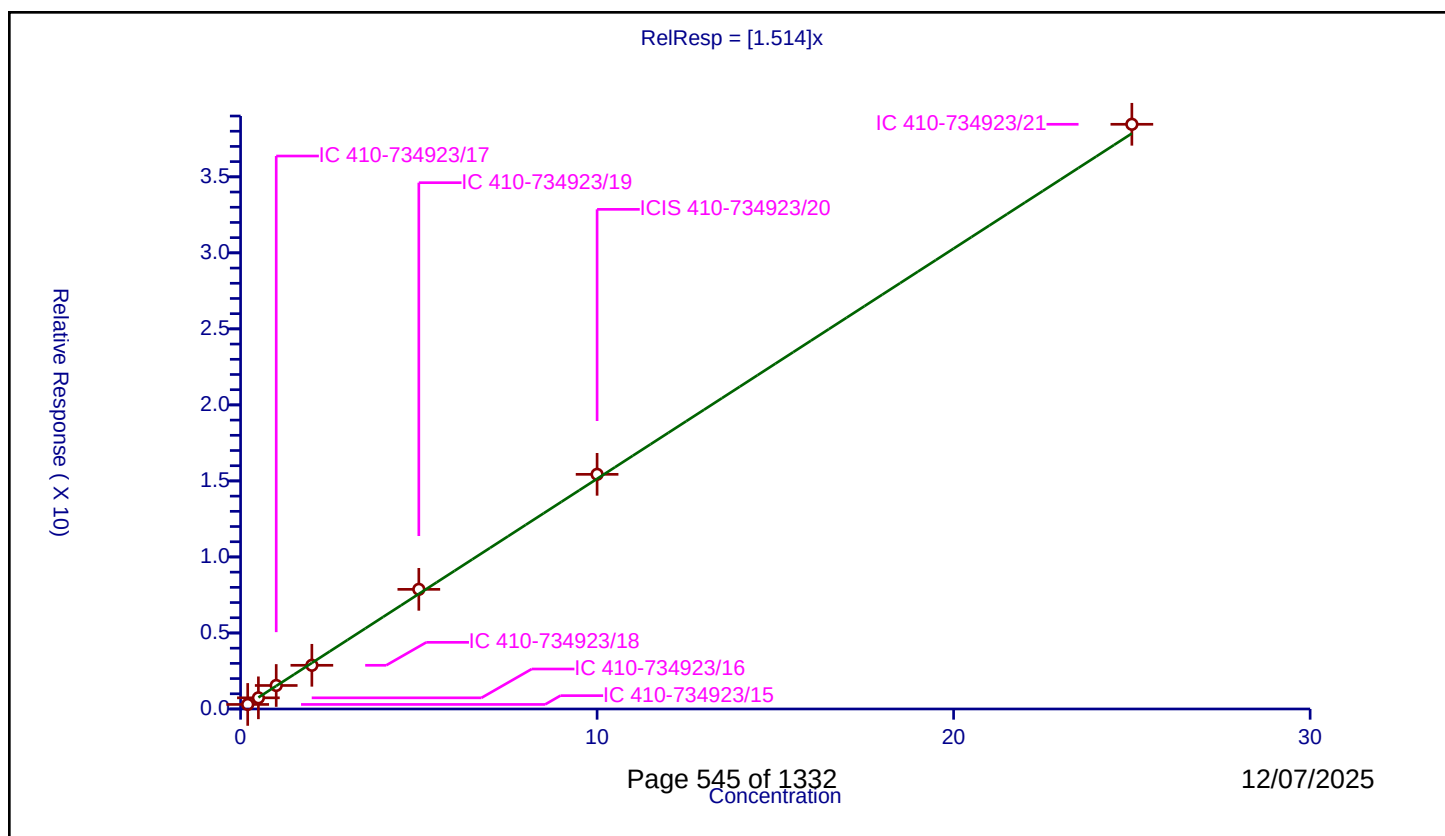
Curve Coefficients

Intercept: 0
Slope: 1.514

Error Coefficients

Relative Standard Deviation: 3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.298618	9.99966	1502975.0	1.493088	Y
2	IC 410-734923/16	0.5	0.733531	9.99966	1510832.0	1.467062	Y
3	IC 410-734923/17	1.0	1.54677	9.99966	1505312.0	1.54677	Y
4	IC 410-734923/18	2.0	2.873146	9.99966	1503214.0	1.436573	Y
5	IC 410-734923/19	5.0	7.868068	9.99966	1488161.0	1.573614	Y
6	ICIS 410-734923/20	10.0	15.432392	9.99966	1489962.0	1.543239	Y
7	IC 410-734923/21	25.0	38.456033	9.99966	1470402.0	1.538241	Y



Calibration

/ 4-Bromofluorobenzene (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

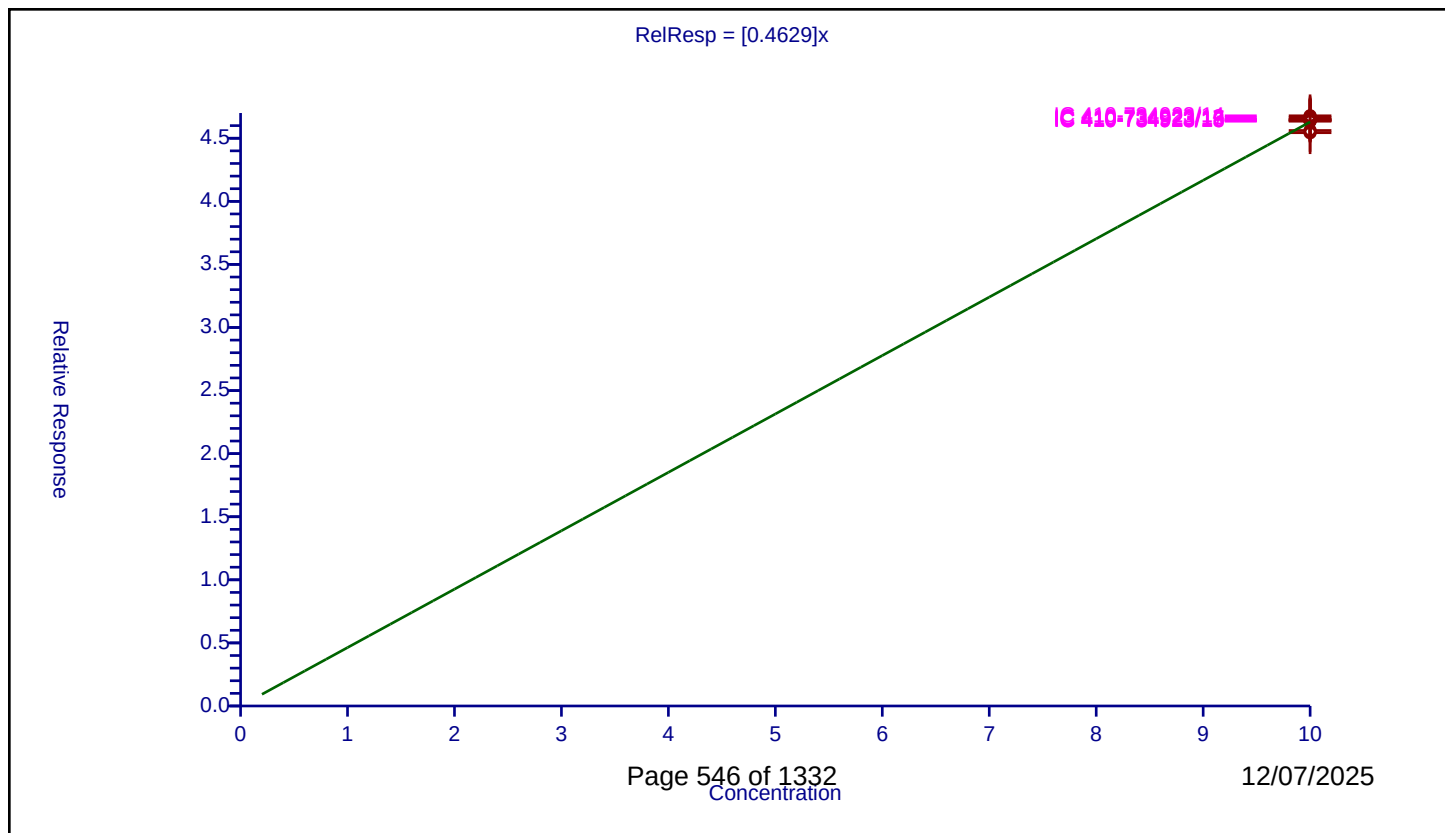
Curve Coefficients

Intercept: 0
Slope: 0.4629

Error Coefficients

Relative Standard Deviation: 1.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/13	9.99966	4.663135	9.99966	1496927.0	0.466329	Y
2	IC 410-734923/14	9.99966	4.678021	9.99966	1508715.0	0.467818	Y
3	IC 410-734923/15	9.99966	4.643226	9.99966	1502975.0	0.464338	Y
4	IC 410-734923/16	9.99966	4.634792	9.99966	1510832.0	0.463495	Y
5	IC 410-734923/17	9.99966	4.652386	9.99966	1505312.0	0.465254	Y
6	IC 410-734923/18	9.99966	4.639627	9.99966	1503214.0	0.463979	Y
7	IC 410-734923/19	9.99966	4.646638	9.99966	1488161.0	0.46468	Y
8	ICIS 410-734923/20	9.99966	4.561498	9.99966	1489962.0	0.456165	Y
9	IC 410-734923/21	9.99966	4.543841	9.99966	1470402.0	0.4544	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

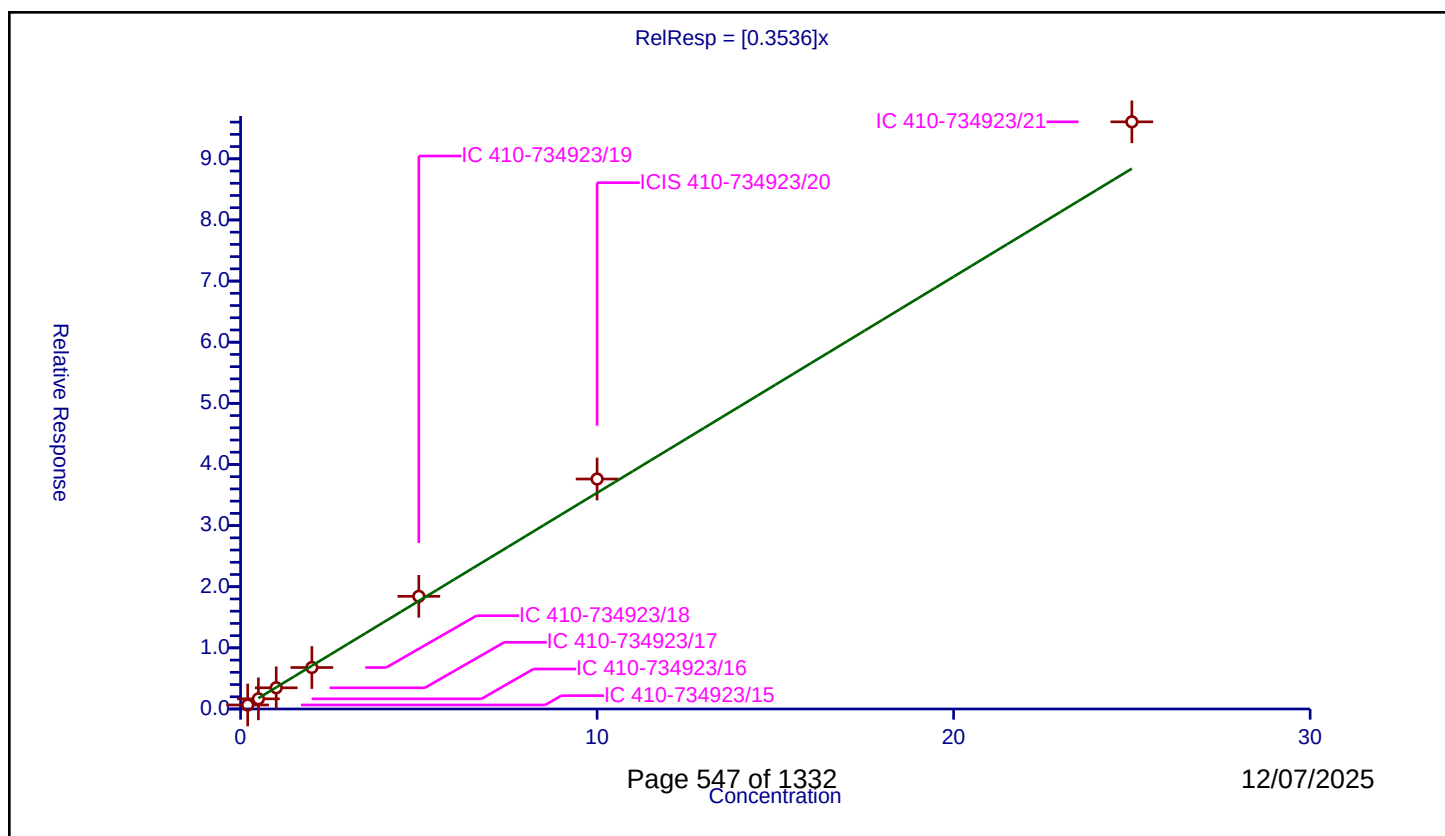
Curve Coefficients

Intercept: 0
 Slope: 0.3536

Error Coefficients

Relative Standard Deviation: 6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.065533	9.99966	835576.0	0.327667	Y
2	IC 410-734923/16	0.5	0.166163	9.99966	836799.0	0.332327	Y
3	IC 410-734923/17	1.0	0.346657	9.99966	831313.0	0.346657	Y
4	IC 410-734923/18	2.0	0.678713	9.99966	822367.0	0.339356	Y
5	IC 410-734923/19	5.0	1.842995	9.99966	804625.0	0.368599	Y
6	ICIS 410-734923/20	10.0	3.761905	9.99966	797917.0	0.37619	Y
7	IC 410-734923/21	25.0	9.604811	9.99966	776194.0	0.384192	Y



Calibration

/ Bromobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

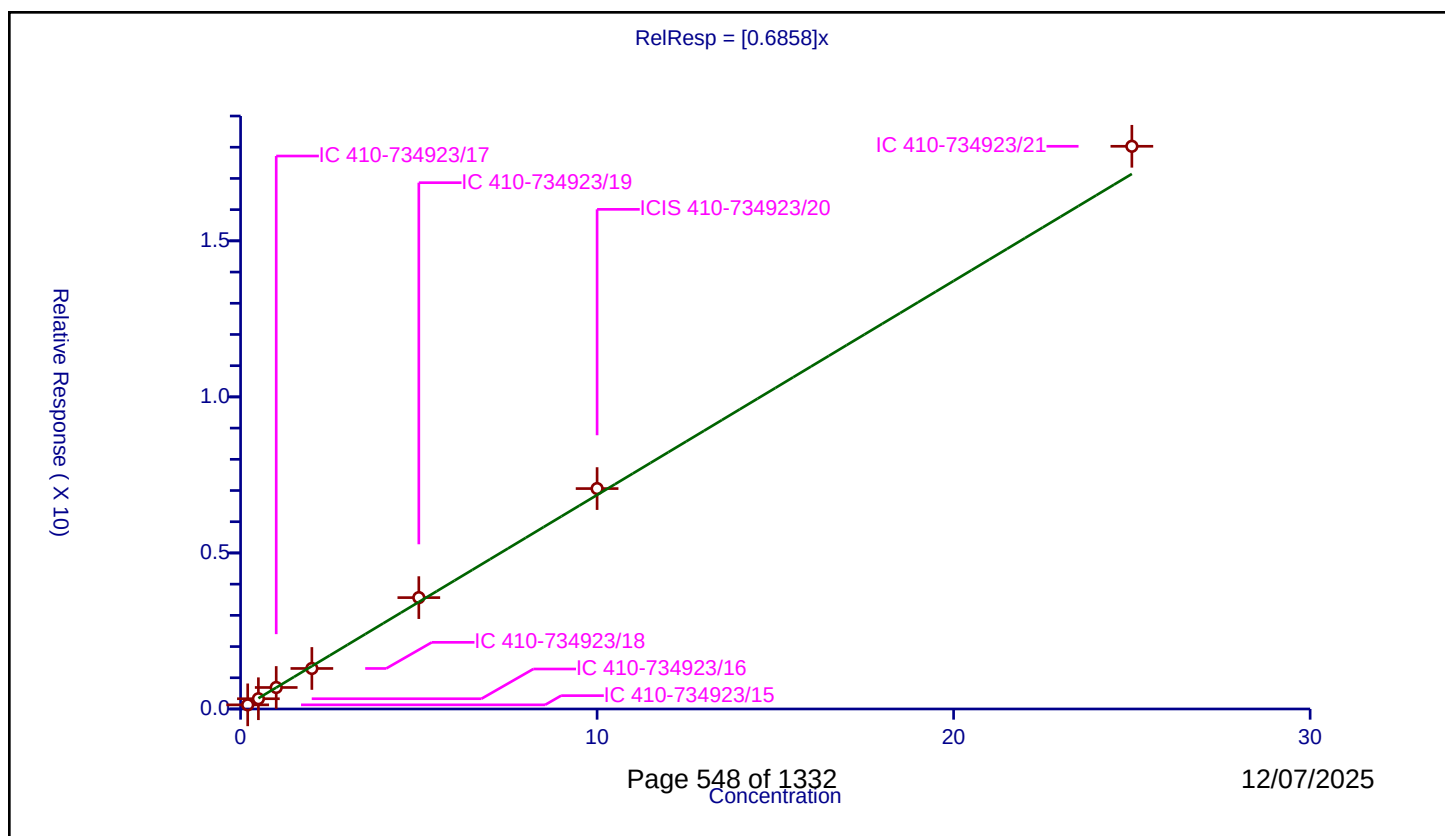
Curve Coefficients

Intercept: 0
Slope: 0.6858

Error Coefficients

Relative Standard Deviation: 4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.132958	9.99966	835576.0	0.664788	Y
2	IC 410-734923/16	0.5	0.328276	9.99966	836799.0	0.656551	Y
3	IC 410-734923/17	1.0	0.688959	9.99966	831313.0	0.688959	Y
4	IC 410-734923/18	2.0	1.297917	9.99966	822367.0	0.648958	Y
5	IC 410-734923/19	5.0	3.568734	9.99966	804625.0	0.713747	Y
6	ICIS 410-734923/20	10.0	7.062199	9.99966	797917.0	0.70622	Y
7	IC 410-734923/21	25.0	18.030034	9.99966	776194.0	0.721201	Y



Calibration

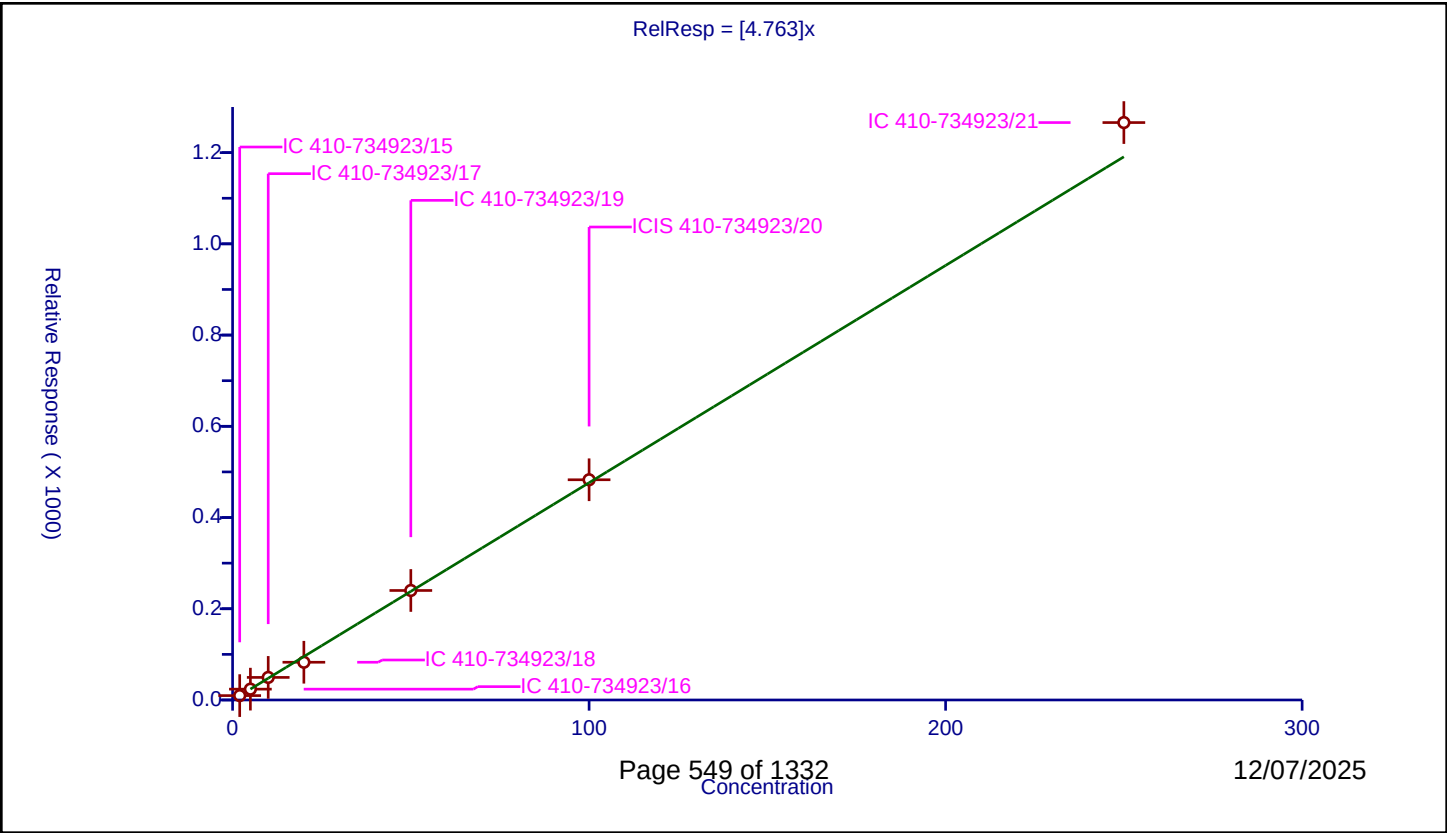
/ trans-1,4-Dichloro-2-butene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	4.763
Error Coefficients	

Relative Standard Deviation: 6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	2.0	9.634061	49.9983	66382.0	4.817031	Y
2	IC 410-734923/16	5.0	23.740652	49.9983	67618.0	4.74813	Y
3	IC 410-734923/17	10.0	49.485181	49.9983	68208.0	4.948518	Y
4	IC 410-734923/18	20.0	82.731969	49.9983	79776.0	4.136598	Y
5	IC 410-734923/19	50.0	240.082193	49.9983	74483.0	4.801644	Y
6	ICIS 410-734923/20	100.0	482.828918	49.9983	74044.0	4.828289	Y
7	IC 410-734923/21	250.0	1265.891756	49.9983	69047.0	5.063567	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

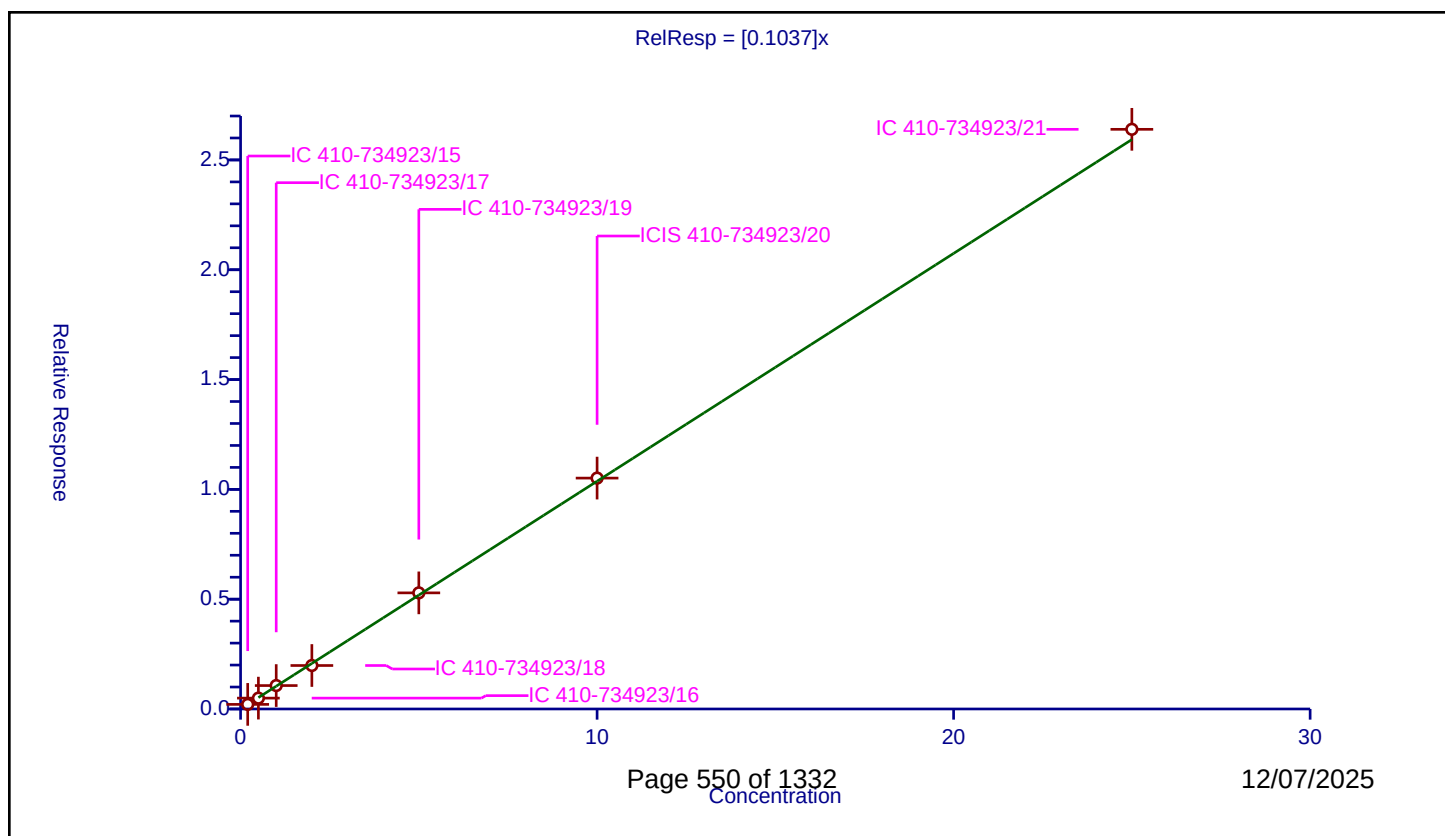
Curve Coefficients

Intercept: 0
Slope: 0.1037

Error Coefficients

Relative Standard Deviation: 3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.020991	9.99966	835576.0	0.104954	Y
2	IC 410-734923/16	0.5	0.049473	9.99966	836799.0	0.098945	Y
3	IC 410-734923/17	1.0	0.106695	9.99966	831313.0	0.106695	Y
4	IC 410-734923/18	2.0	0.197934	9.99966	822367.0	0.098967	Y
5	IC 410-734923/19	5.0	0.5287	9.99966	804625.0	0.10574	Y
6	ICIS 410-734923/20	10.0	1.051377	9.99966	797917.0	0.105138	Y
7	IC 410-734923/21	25.0	2.639366	9.99966	776194.0	0.105575	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

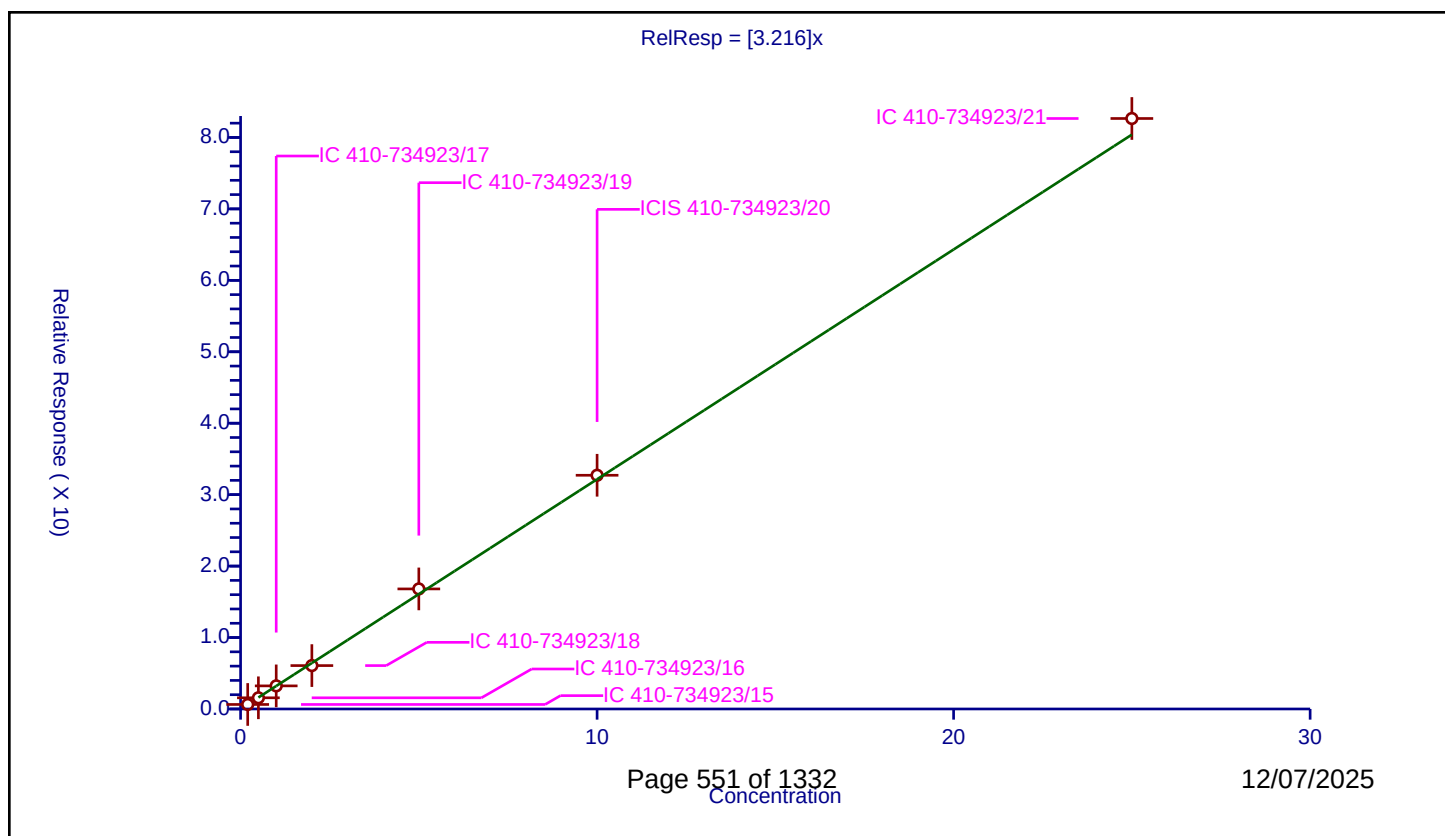
Curve Coefficients

Intercept: 0
Slope: 3.216

Error Coefficients

Relative Standard Deviation: 3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.633003	9.99966	835576.0	3.165014	Y
2	IC 410-734923/16	0.5	1.567444	9.99966	836799.0	3.134888	Y
3	IC 410-734923/17	1.0	3.234688	9.99966	831313.0	3.234688	Y
4	IC 410-734923/18	2.0	6.074539	9.99966	822367.0	3.037269	Y
5	IC 410-734923/19	5.0	16.804425	9.99966	804625.0	3.360885	Y
6	ICIS 410-734923/20	10.0	32.71496	9.99966	797917.0	3.271496	Y
7	IC 410-734923/21	25.0	82.654463	9.99966	776194.0	3.306179	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

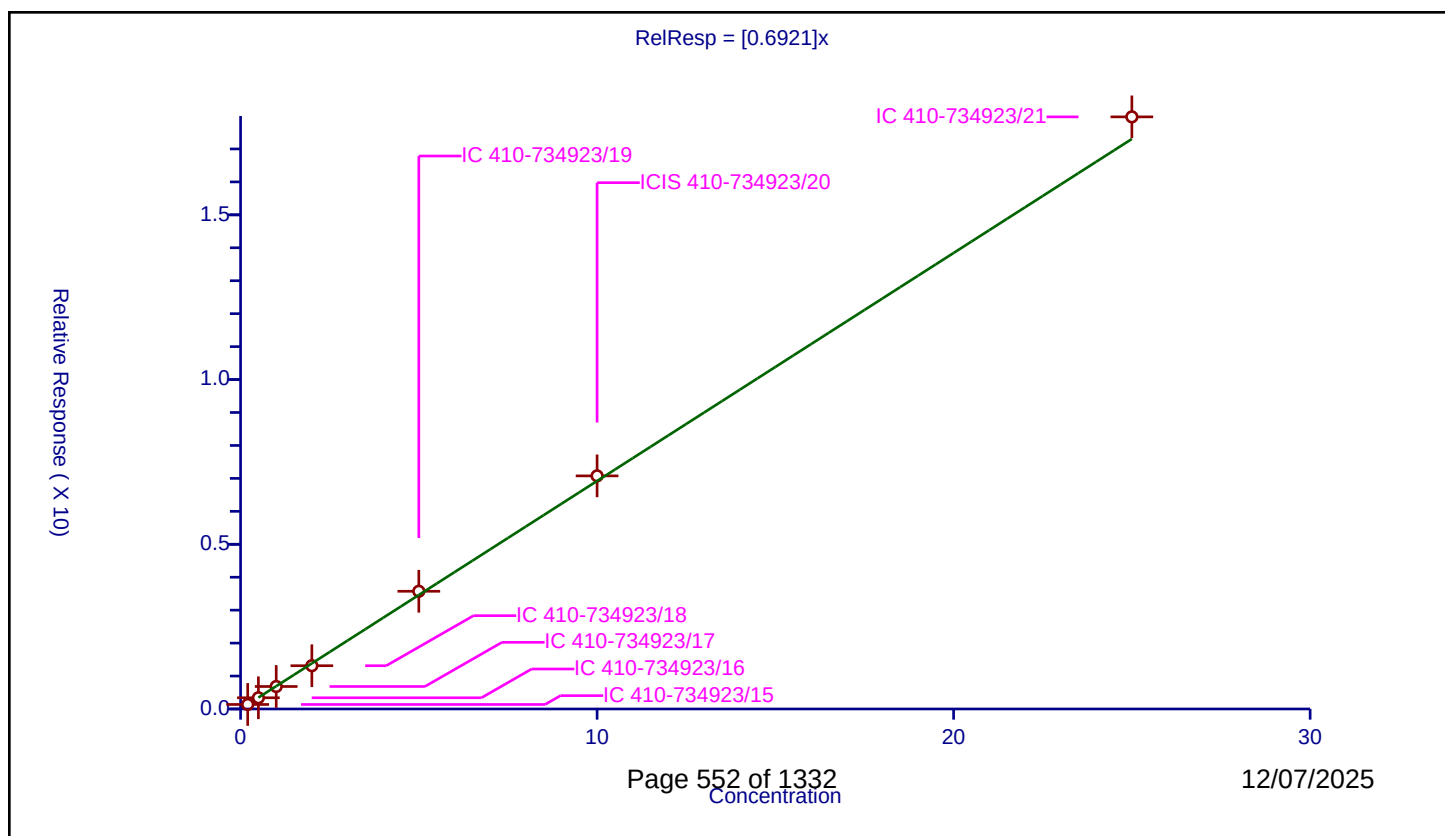
Curve Coefficients

Intercept: 0
Slope: 0.6921

Error Coefficients

Relative Standard Deviation: 3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.136871	9.99966	835576.0	0.684355	Y
2	IC 410-734923/16	0.5	0.340022	9.99966	836799.0	0.680045	Y
3	IC 410-734923/17	1.0	0.682812	9.99966	831313.0	0.682812	Y
4	IC 410-734923/18	2.0	1.313067	9.99966	822367.0	0.656534	Y
5	IC 410-734923/19	5.0	3.573071	9.99966	804625.0	0.714614	Y
6	ICIS 410-734923/20	10.0	7.076222	9.99966	797917.0	0.707622	Y
7	IC 410-734923/21	25.0	17.973942	9.99966	776194.0	0.718958	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

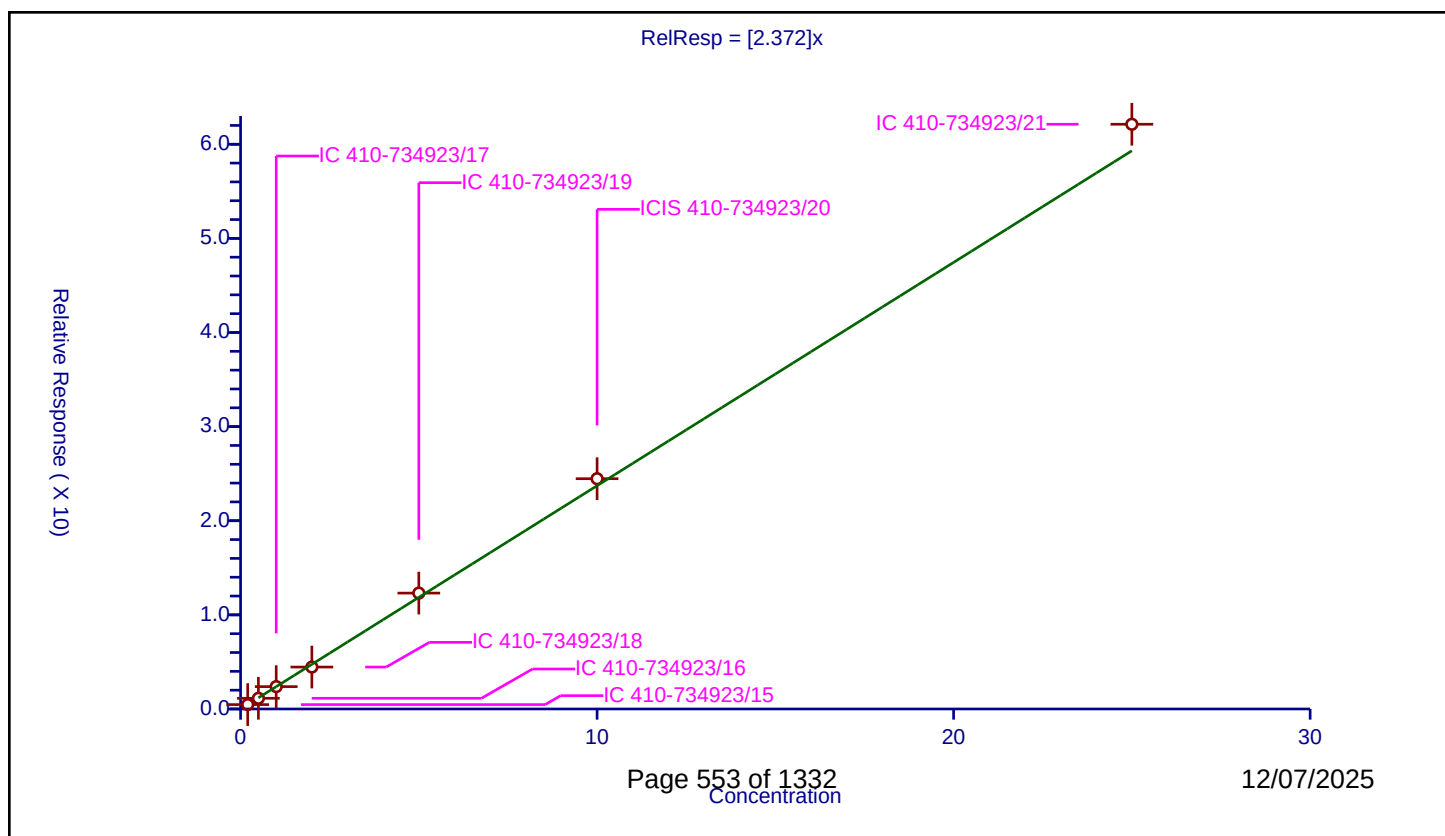
Curve Coefficients

Intercept: 0
Slope: 2.372

Error Coefficients

Relative Standard Deviation: 4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.466848	9.99966	835576.0	2.334239	Y
2	IC 410-734923/16	0.5	1.137092	9.99966	836799.0	2.274184	Y
3	IC 410-734923/17	1.0	2.376593	9.99966	831313.0	2.376593	Y
4	IC 410-734923/18	2.0	4.454149	9.99966	822367.0	2.227075	Y
5	IC 410-734923/19	5.0	12.31297	9.99966	804625.0	2.462594	Y
6	ICIS 410-734923/20	10.0	24.466036	9.99966	797917.0	2.446604	Y
7	IC 410-734923/21	25.0	62.124624	9.99966	776194.0	2.484985	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

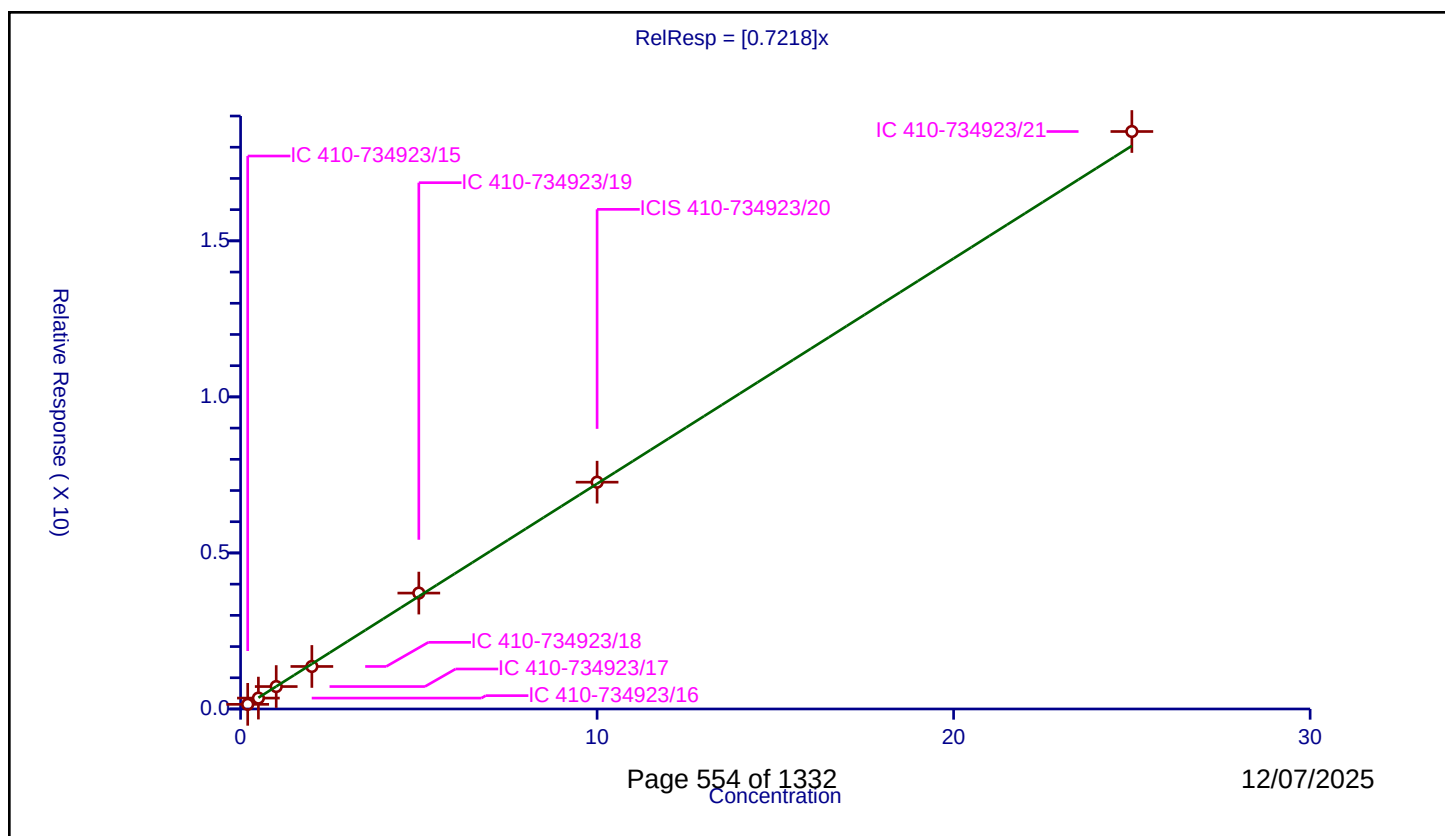
Curve Coefficients

Intercept: 0
Slope: 0.7218

Error Coefficients

Relative Standard Deviation: 3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.148802	9.99966	835576.0	0.744012	Y
2	IC 410-734923/16	0.5	0.349283	9.99966	836799.0	0.698567	Y
3	IC 410-734923/17	1.0	0.719067	9.99966	831313.0	0.719067	Y
4	IC 410-734923/18	2.0	1.362131	9.99966	822367.0	0.681066	Y
5	IC 410-734923/19	5.0	3.714287	9.99966	804625.0	0.742857	Y
6	ICIS 410-734923/20	10.0	7.267451	9.99966	797917.0	0.726745	Y
7	IC 410-734923/21	25.0	18.503199	9.99966	776194.0	0.740128	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

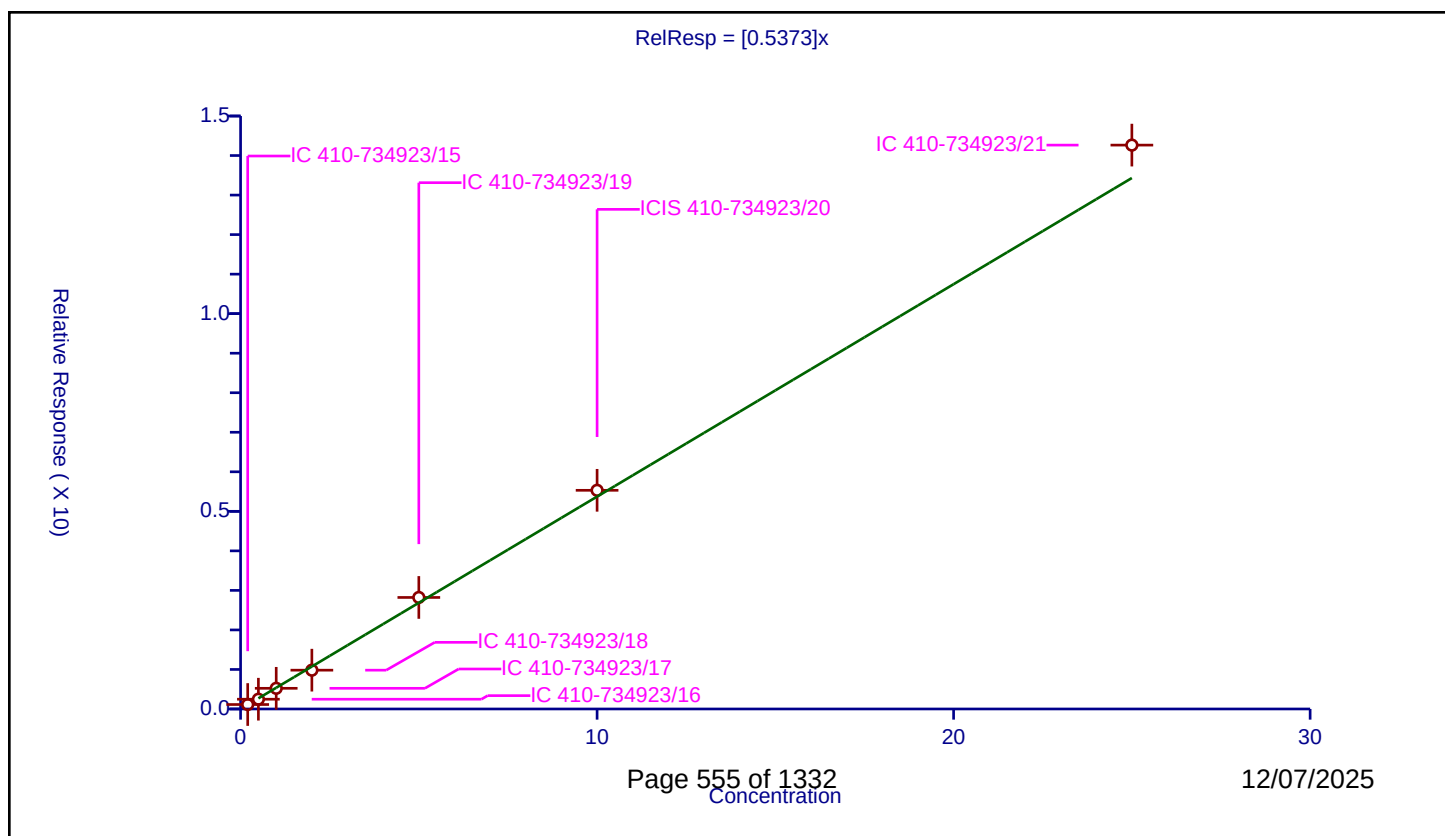
Curve Coefficients

Intercept: 0
Slope: 0.5373

Error Coefficients

Relative Standard Deviation: 6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.112924	9.99966	835576.0	0.564621	Y
2	IC 410-734923/16	0.5	0.247172	9.99966	836799.0	0.494343	Y
3	IC 410-734923/17	1.0	0.523106	9.99966	831313.0	0.523106	Y
4	IC 410-734923/18	2.0	0.981682	9.99966	822367.0	0.490841	Y
5	IC 410-734923/19	5.0	2.821094	9.99966	804625.0	0.564219	Y
6	ICIS 410-734923/20	10.0	5.531904	9.99966	797917.0	0.55319	Y
7	IC 410-734923/21	25.0	14.264248	9.99966	776194.0	0.57057	Y



Calibration

/ Pentachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

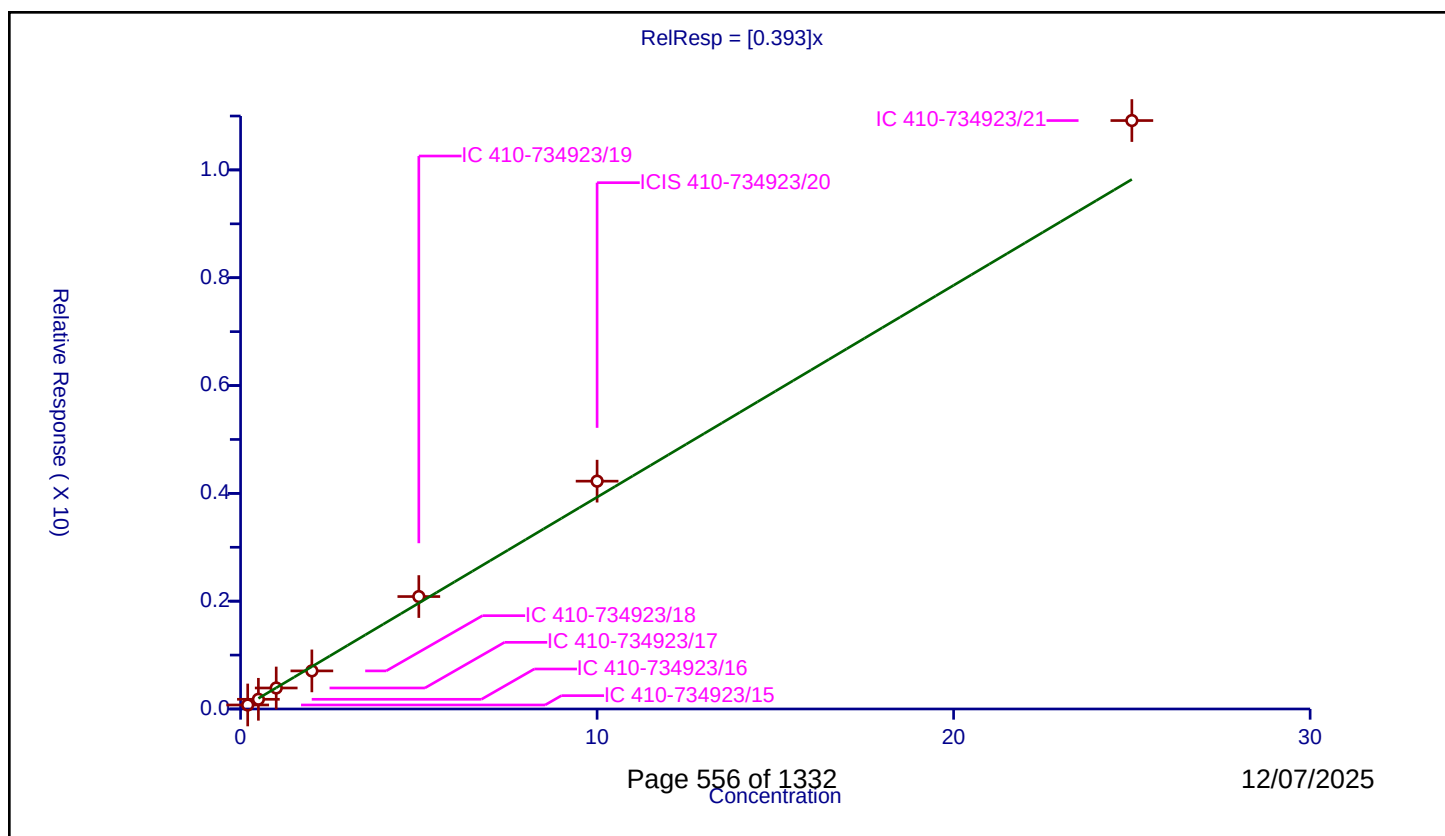
Curve Coefficients

Intercept: 0
Slope: 0.393

Error Coefficients

Relative Standard Deviation: 8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.074317	9.99966	835576.0	0.371587	Y
2	IC 410-734923/16	0.5	0.179906	9.99966	836799.0	0.359811	Y
3	IC 410-734923/17	1.0	0.389479	9.99966	831313.0	0.389479	Y
4	IC 410-734923/18	2.0	0.706789	9.99966	822367.0	0.353395	Y
5	IC 410-734923/19	5.0	2.085745	9.99966	804625.0	0.417149	Y
6	ICIS 410-734923/20	10.0	4.226411	9.99966	797917.0	0.422641	Y
7	IC 410-734923/21	25.0	10.915985	9.99966	776194.0	0.436639	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

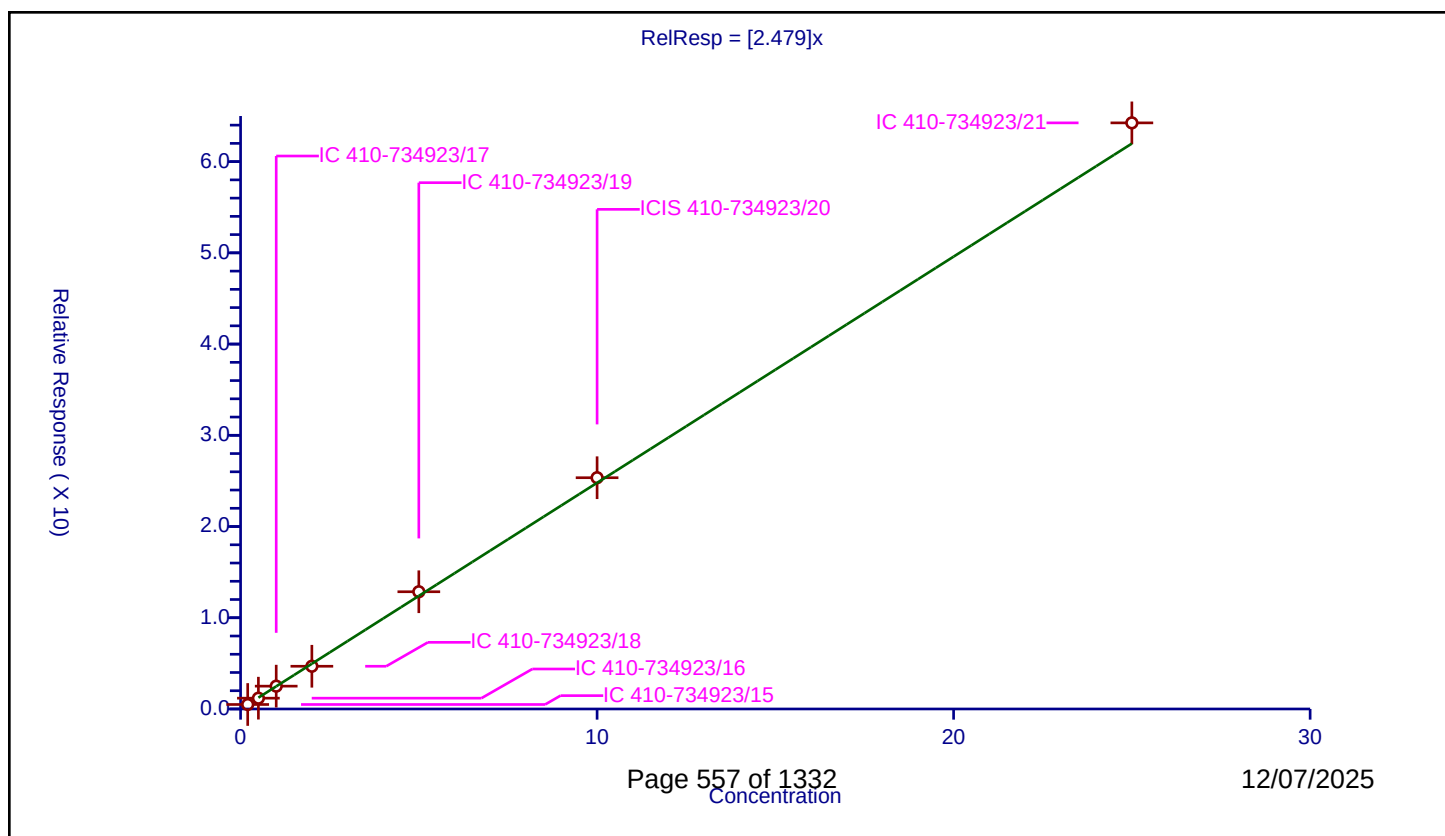
Curve Coefficients

Intercept: 0
Slope: 2.479

Error Coefficients

Relative Standard Deviation: 3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.49259	9.99966	835576.0	2.462948	Y
2	IC 410-734923/16	0.5	1.185191	9.99966	836799.0	2.370381	Y
3	IC 410-734923/17	1.0	2.503557	9.99966	831313.0	2.503557	Y
4	IC 410-734923/18	2.0	4.685085	9.99966	822367.0	2.342542	Y
5	IC 410-734923/19	5.0	12.852457	9.99966	804625.0	2.570491	Y
6	ICIS 410-734923/20	10.0	25.349757	9.99966	797917.0	2.534976	Y
7	IC 410-734923/21	25.0	64.248918	9.99966	776194.0	2.569957	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

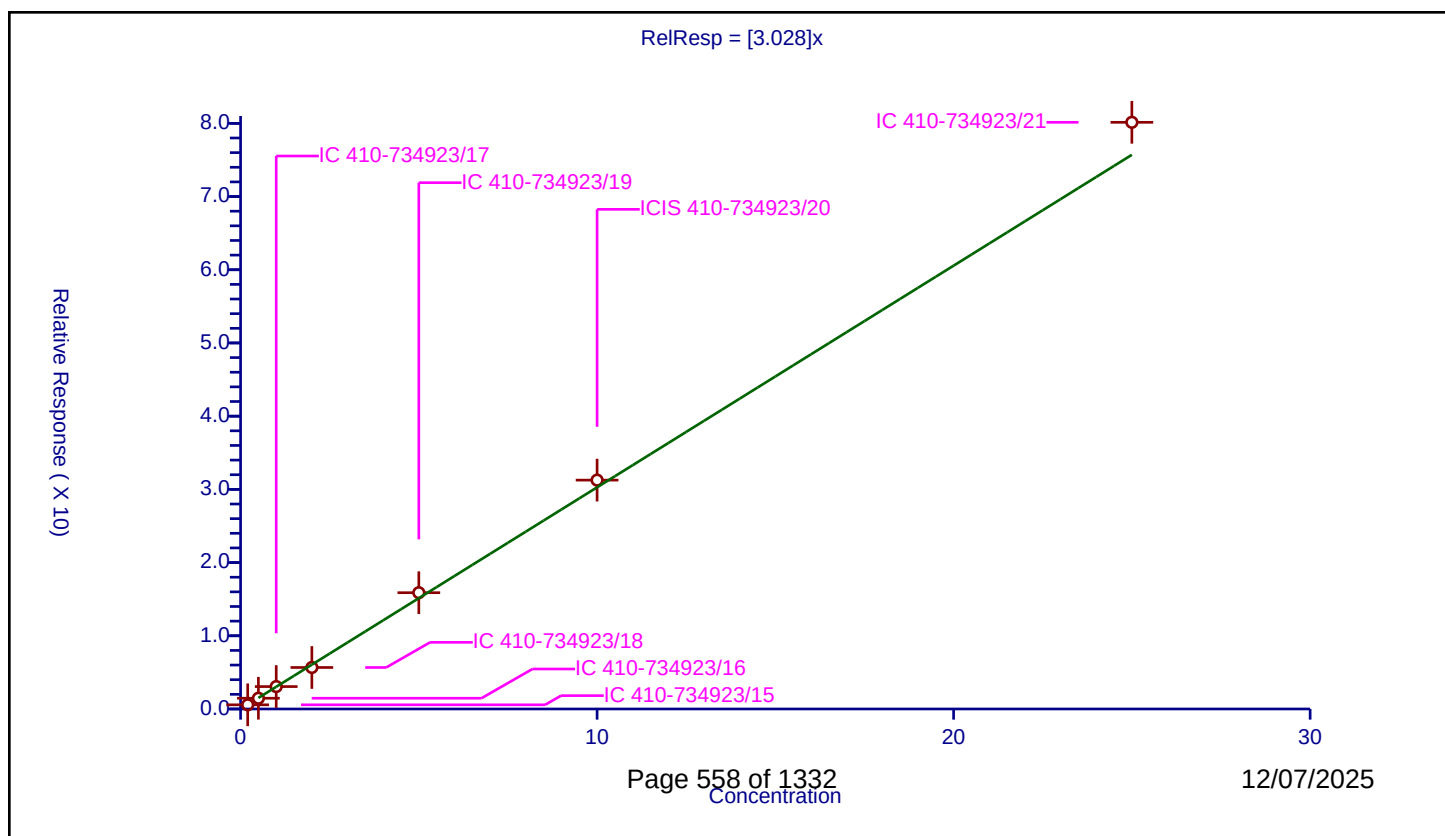
Curve Coefficients

Intercept: 0
Slope: 3.028

Error Coefficients

Relative Standard Deviation: 5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.570629	9.99966	835576.0	2.853144	Y
2	IC 410-734923/16	0.5	1.469048	9.99966	836799.0	2.938097	Y
3	IC 410-734923/17	1.0	3.060308	9.99966	831313.0	3.060308	Y
4	IC 410-734923/18	2.0	5.670913	9.99966	822367.0	2.835456	Y
5	IC 410-734923/19	5.0	15.882611	9.99966	804625.0	3.176522	Y
6	ICIS 410-734923/20	10.0	31.263893	9.99966	797917.0	3.126389	Y
7	IC 410-734923/21	25.0	80.141839	9.99966	776194.0	3.205674	Y



Calibration

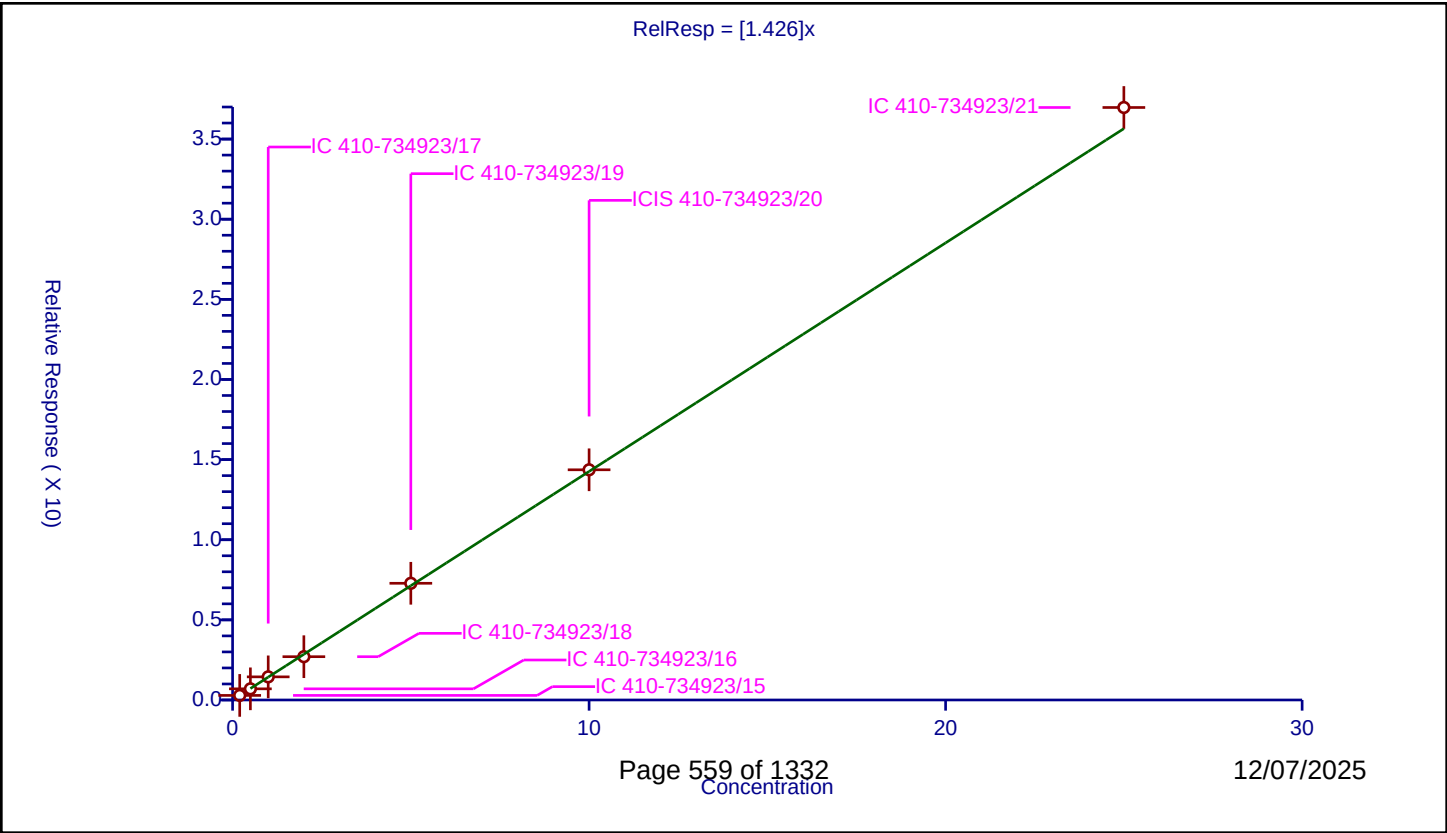
/ 1,3-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.426
Error Coefficients	

Relative Standard Deviation: 3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.285123	9.99966	835576.0	1.425615	Y
2	IC 410-734923/16	0.5	0.695651	9.99966	836799.0	1.391302	Y
3	IC 410-734923/17	1.0	1.442681	9.99966	831313.0	1.442681	Y
4	IC 410-734923/18	2.0	2.702096	9.99966	822367.0	1.351048	Y
5	IC 410-734923/19	5.0	7.282052	9.99966	804625.0	1.45641	Y
6	ICIS 410-734923/20	10.0	14.363725	9.99966	797917.0	1.436372	Y
7	IC 410-734923/21	25.0	36.970492	9.99966	776194.0	1.47882	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

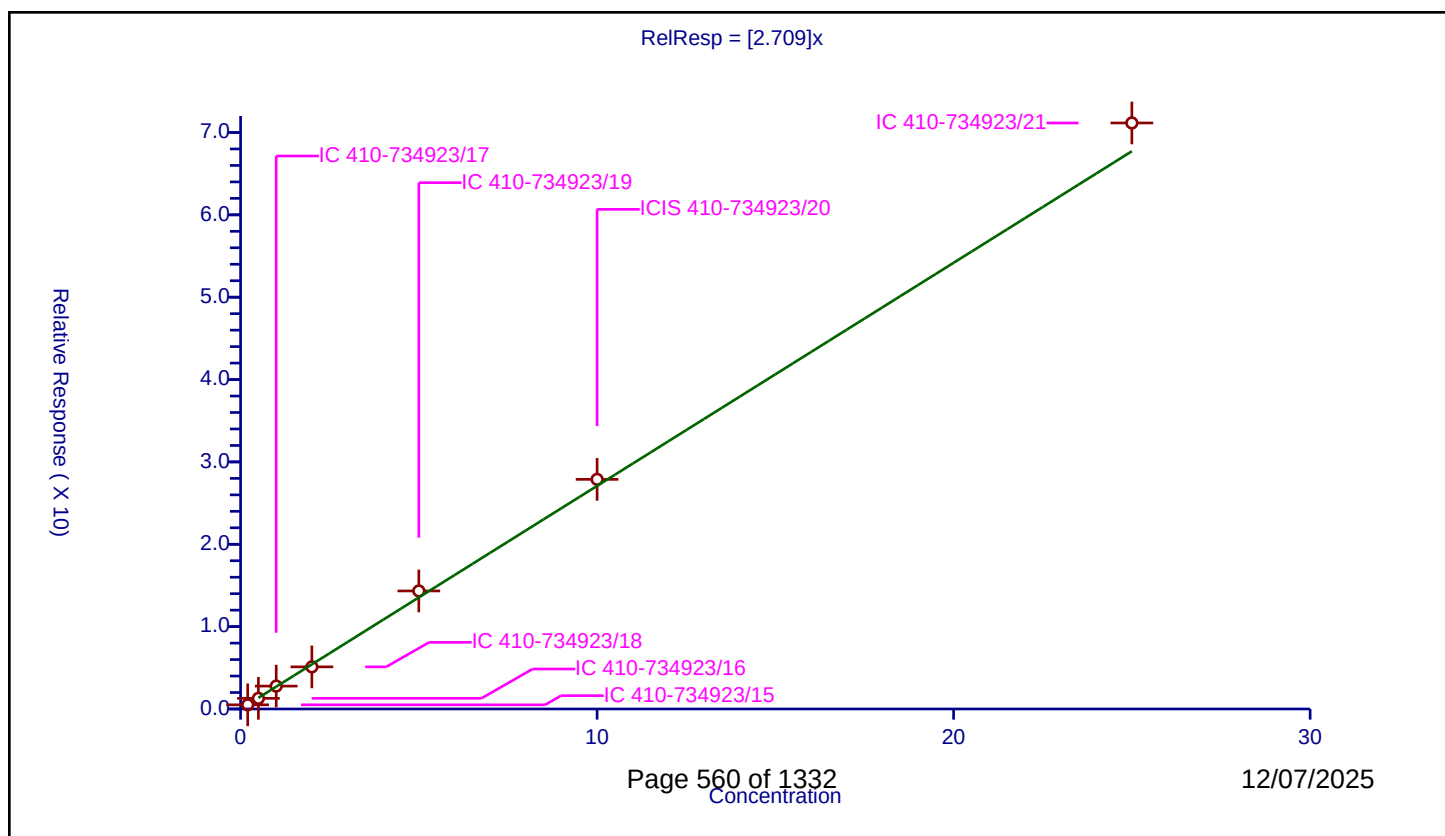
Curve Coefficients

Intercept: 0
Slope: 2.709

Error Coefficients

Relative Standard Deviation: 5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.507477	9.99966	835576.0	2.537385	Y
2	IC 410-734923/16	0.5	1.292967	9.99966	836799.0	2.585933	Y
3	IC 410-734923/17	1.0	2.780856	9.99966	831313.0	2.780856	Y
4	IC 410-734923/18	2.0	5.113224	9.99966	822367.0	2.556612	Y
5	IC 410-734923/19	5.0	14.333271	9.99966	804625.0	2.866654	Y
6	ICIS 410-734923/20	10.0	27.882955	9.99966	797917.0	2.788295	Y
7	IC 410-734923/21	25.0	71.154495	9.99966	776194.0	2.84618	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

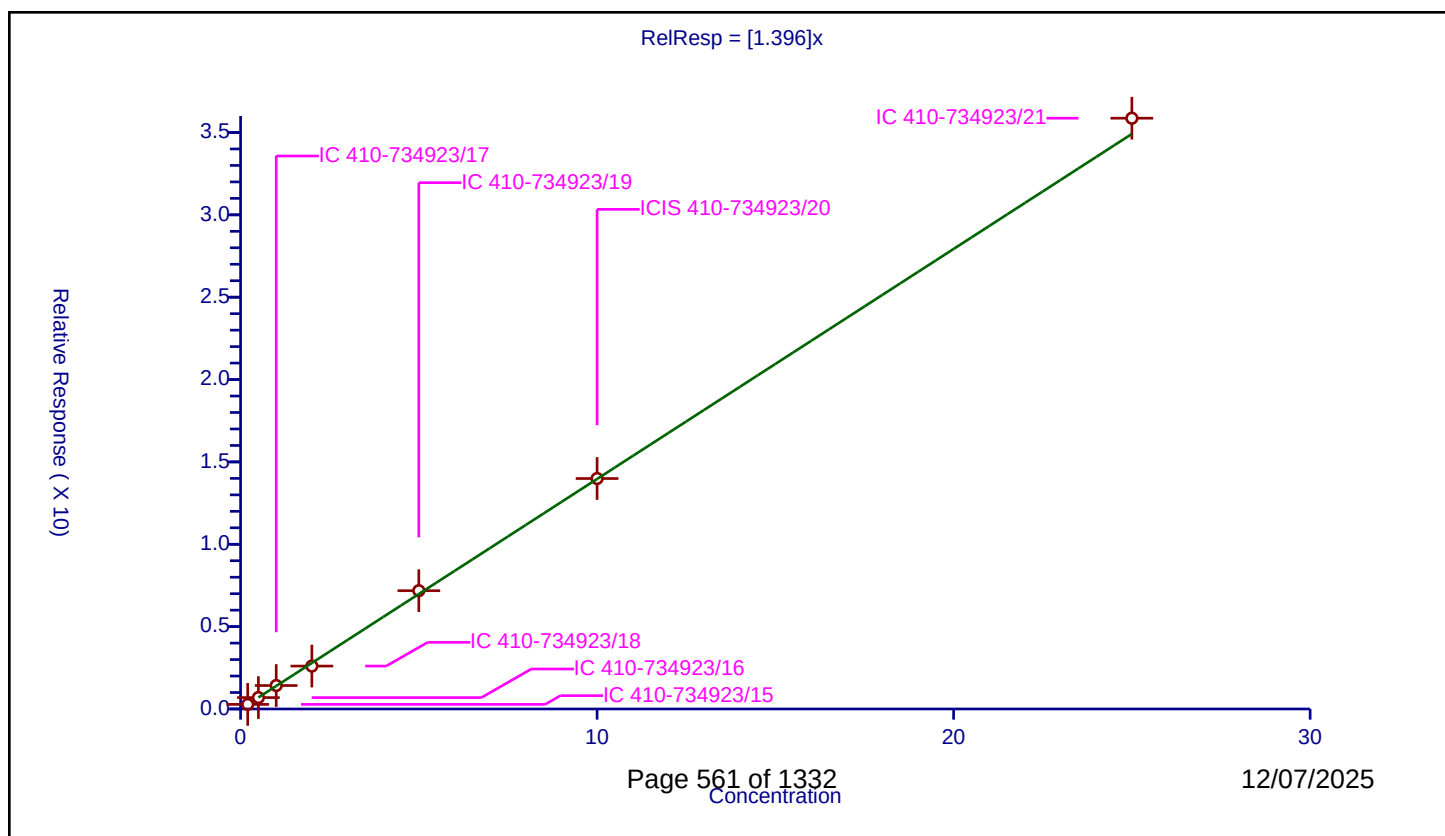
Curve Coefficients

Intercept: 0
Slope: 1.396

Error Coefficients

Relative Standard Deviation: 3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.278744	9.99966	835576.0	1.393722	Y
2	IC 410-734923/16	0.5	0.692305	9.99966	836799.0	1.38461	Y
3	IC 410-734923/17	1.0	1.423759	9.99966	831313.0	1.423759	Y
4	IC 410-734923/18	2.0	2.605816	9.99966	822367.0	1.302908	Y
5	IC 410-734923/19	5.0	7.18125	9.99966	804625.0	1.43625	Y
6	ICIS 410-734923/20	10.0	13.991995	9.99966	797917.0	1.399199	Y
7	IC 410-734923/21	25.0	35.867288	9.99966	776194.0	1.434692	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

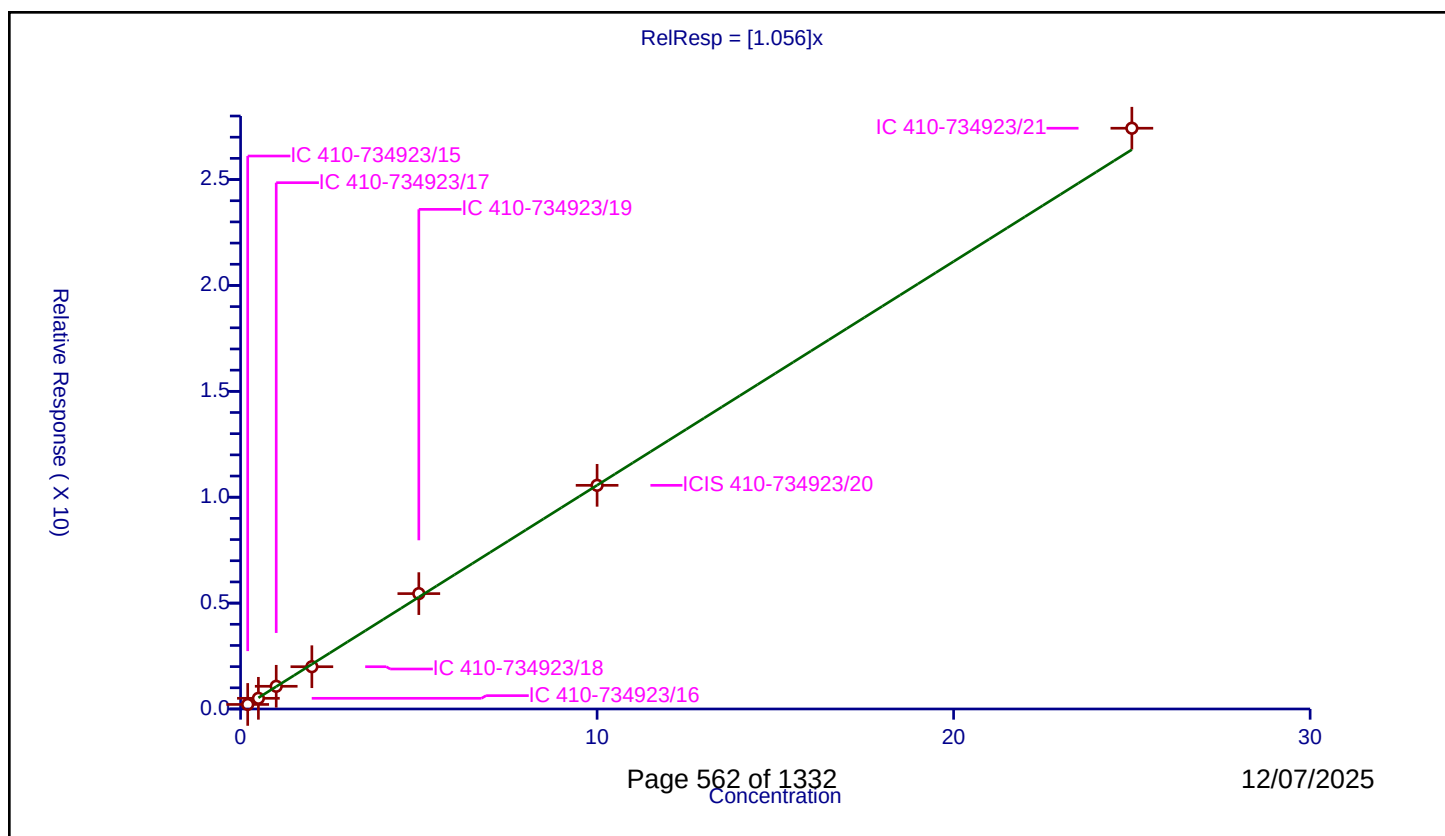
Curve Coefficients

Intercept: 0
Slope: 1.056

Error Coefficients

Relative Standard Deviation: 3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.21497	9.99966	835576.0	1.074851	Y
2	IC 410-734923/16	0.5	0.504154	9.99966	836799.0	1.008308	Y
3	IC 410-734923/17	1.0	1.07163	9.99966	831313.0	1.07163	Y
4	IC 410-734923/18	2.0	1.996158	9.99966	822367.0	0.998079	Y
5	IC 410-734923/19	5.0	5.447533	9.99966	804625.0	1.089507	Y
6	ICIS 410-734923/20	10.0	10.561642	9.99966	797917.0	1.056164	Y
7	IC 410-734923/21	25.0	27.423732	9.99966	776194.0	1.096949	Y



Calibration

/ Benzyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

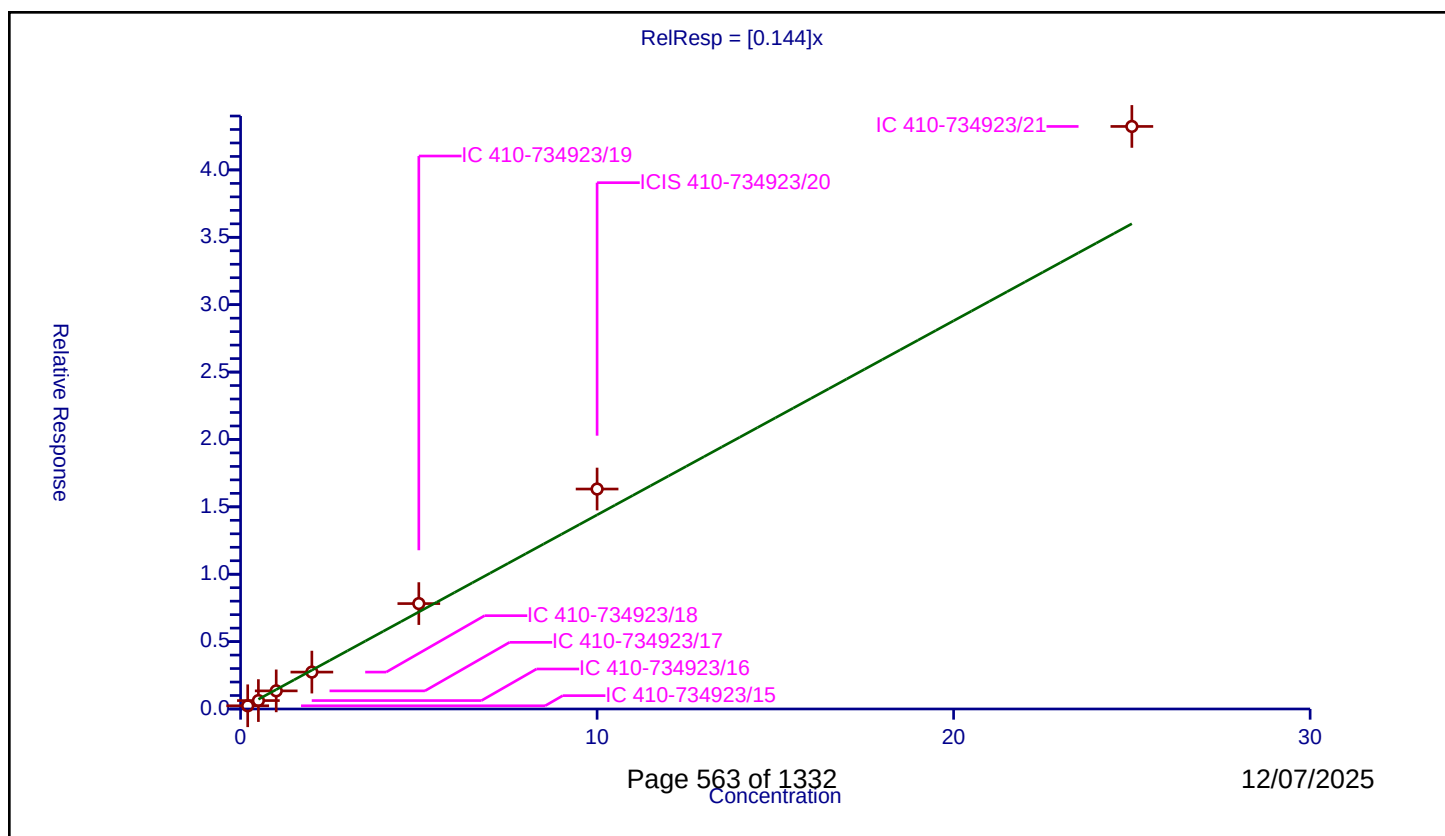
Curve Coefficients

Intercept: 0
Slope: 0.144

Error Coefficients

Relative Standard Deviation: 14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.023899	9.99966	835576.0	0.119494	Y
2	IC 410-734923/16	0.5	0.062367	9.99966	836799.0	0.124733	Y
3	IC 410-734923/17	1.0	0.134518	9.99966	831313.0	0.134518	Y
4	IC 410-734923/18	2.0	0.273786	9.99966	822367.0	0.136893	Y
5	IC 410-734923/19	5.0	0.782015	9.99966	804625.0	0.156403	Y
6	ICIS 410-734923/20	10.0	1.632144	9.99966	797917.0	0.163214	Y
7	IC 410-734923/21	25.0	4.322535	9.99966	776194.0	0.172901	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

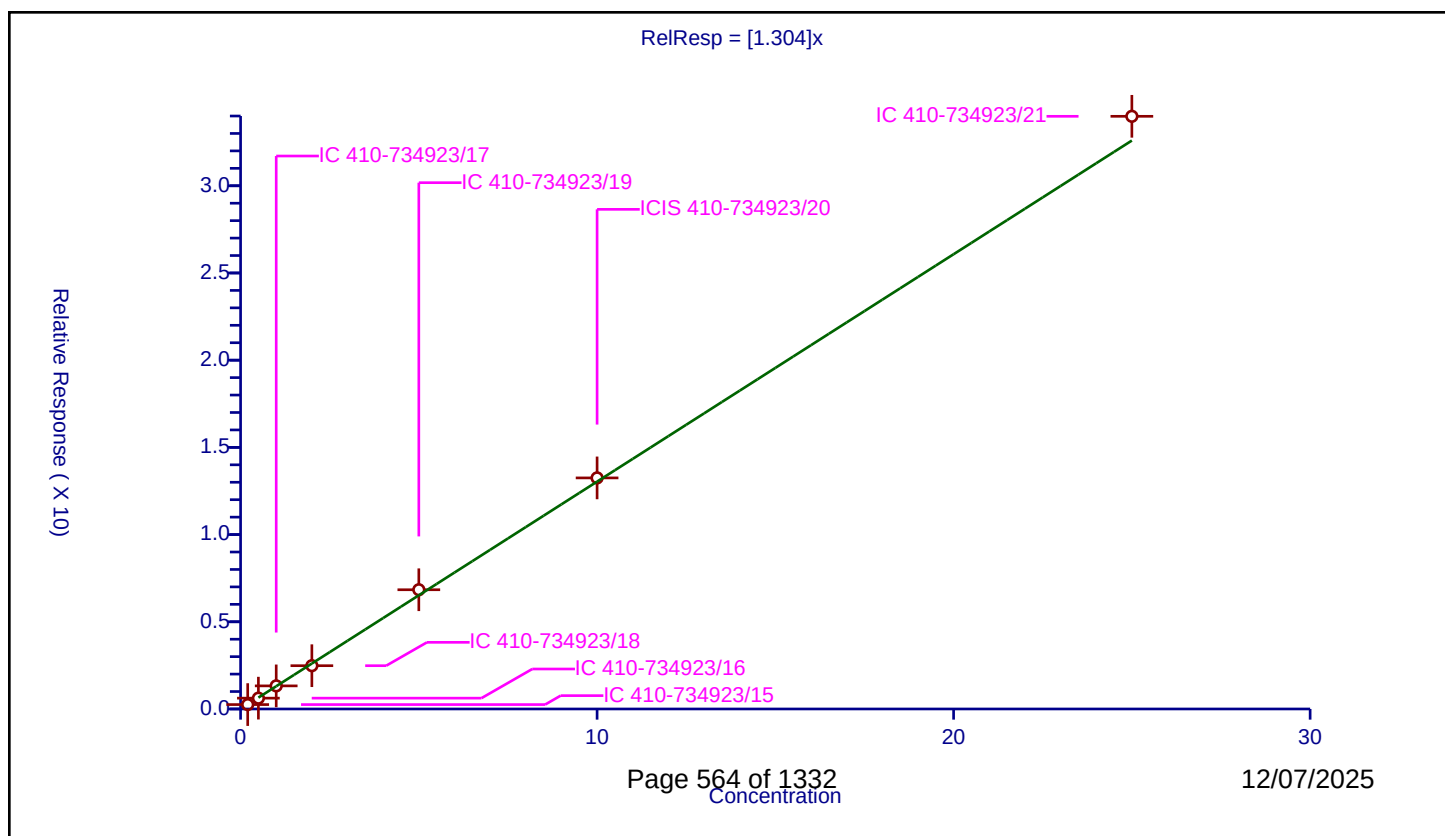
Curve Coefficients

Intercept: 0
Slope: 1.304

Error Coefficients

Relative Standard Deviation: 4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.253086	9.99966	835576.0	1.265431	Y
2	IC 410-734923/16	0.5	0.621263	9.99966	836799.0	1.242526	Y
3	IC 410-734923/17	1.0	1.325256	9.99966	831313.0	1.325256	Y
4	IC 410-734923/18	2.0	2.482372	9.99966	822367.0	1.241186	Y
5	IC 410-734923/19	5.0	6.837388	9.99966	804625.0	1.367478	Y
6	ICIS 410-734923/20	10.0	13.250351	9.99966	797917.0	1.325035	Y
7	IC 410-734923/21	25.0	33.983918	9.99966	776194.0	1.359357	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

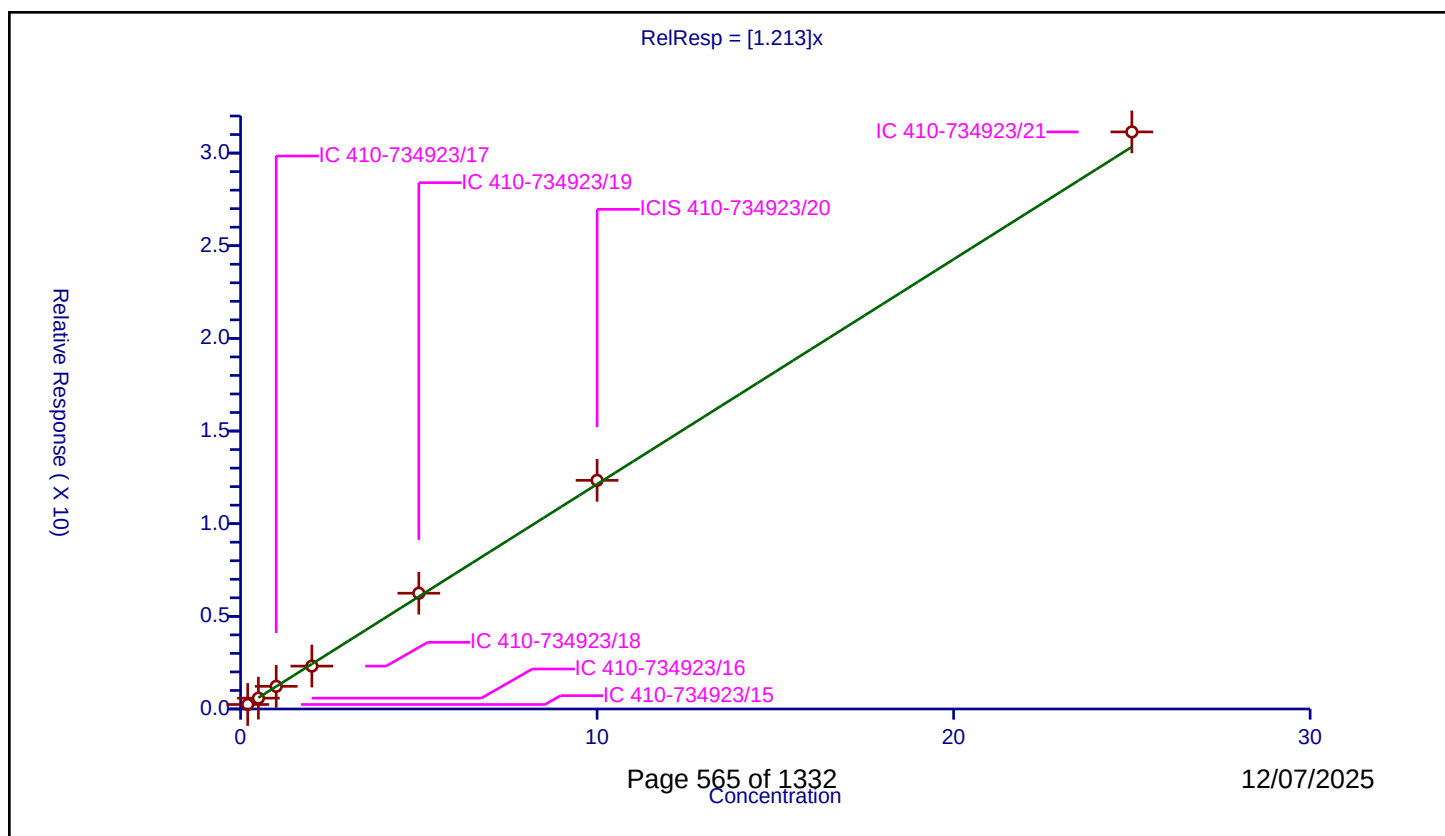
Curve Coefficients

Intercept: 0
Slope: 1.213

Error Coefficients

Relative Standard Deviation: 3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.242495	9.99966	835576.0	1.212476	Y
2	IC 410-734923/16	0.5	0.585497	9.99966	836799.0	1.170994	Y
3	IC 410-734923/17	1.0	1.223084	9.99966	831313.0	1.223084	Y
4	IC 410-734923/18	2.0	2.314776	9.99966	822367.0	1.157388	Y
5	IC 410-734923/19	5.0	6.248251	9.99966	804625.0	1.24965	Y
6	ICIS 410-734923/20	10.0	12.339962	9.99966	797917.0	1.233996	Y
7	IC 410-734923/21	25.0	31.142315	9.99966	776194.0	1.245693	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

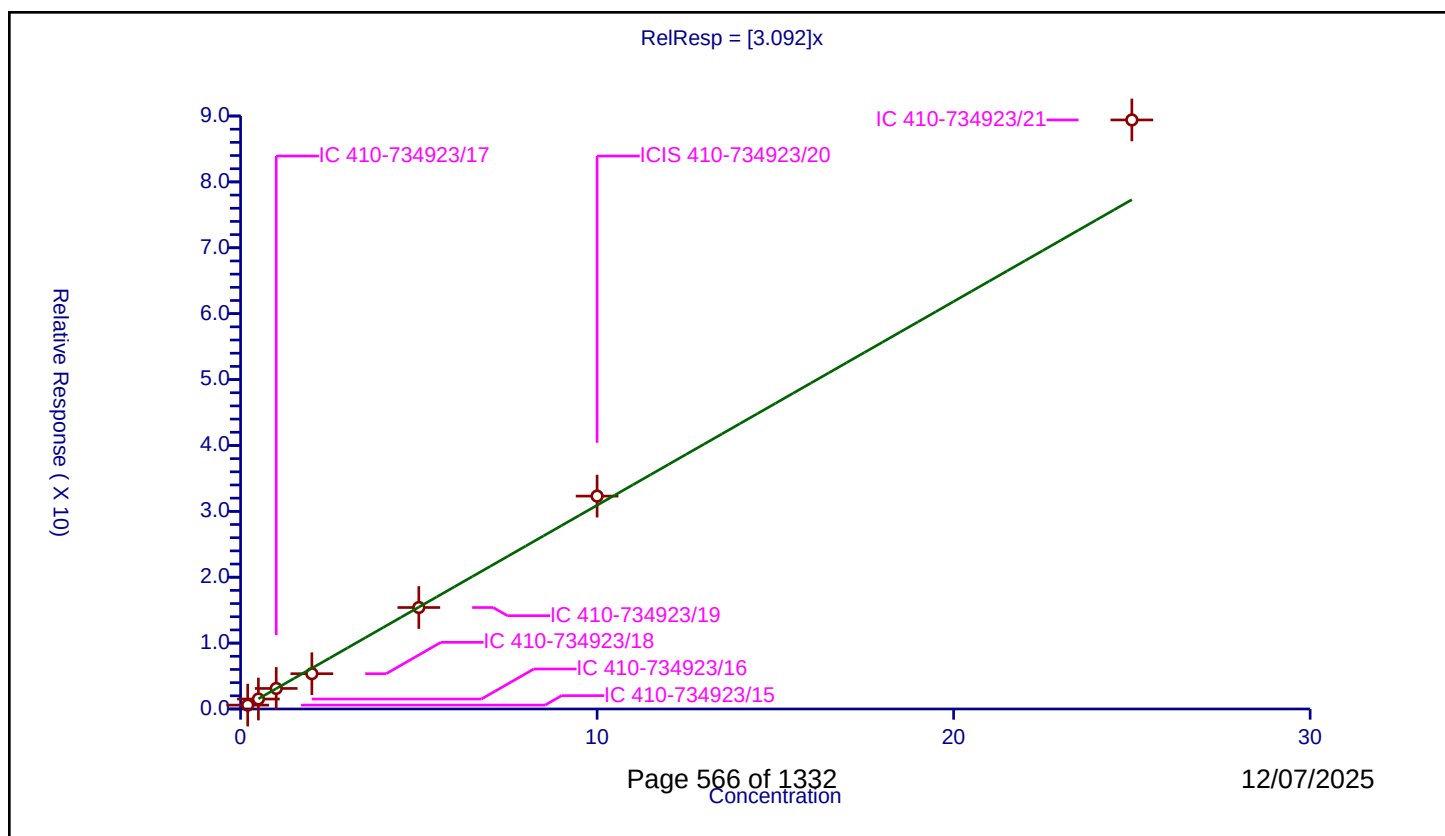
Curve Coefficients

Intercept: 0
Slope: 3.092

Error Coefficients

Relative Standard Deviation: 8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.587489	49.9983	66382.0	2.937443	Y
2	IC 410-734923/16	0.5	1.51138	49.9983	67618.0	3.022761	Y
3	IC 410-734923/17	1.0	3.118297	49.9983	68208.0	3.118297	Y
4	IC 410-734923/18	2.0	5.358572	49.9983	79776.0	2.679286	Y
5	IC 410-734923/19	5.0	15.401649	49.9983	74483.0	3.08033	Y
6	ICIS 410-734923/20	10.0	32.31077	49.9983	74044.0	3.231077	Y
7	IC 410-734923/21	25.0	89.4049	49.9983	69047.0	3.576196	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

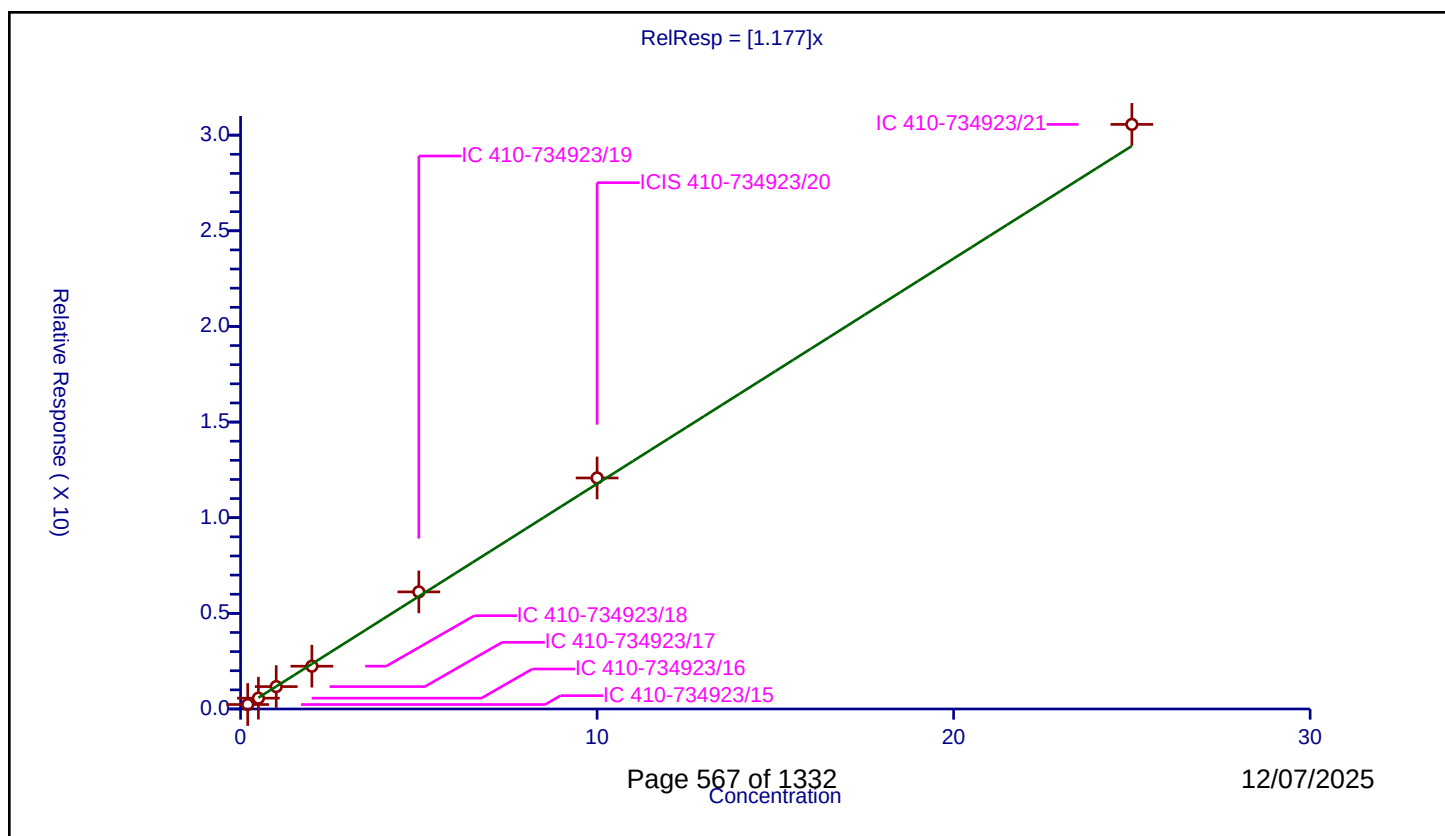
Curve Coefficients

Intercept: 0
Slope: 1.177

Error Coefficients

Relative Standard Deviation: 3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.233627	9.99966	835576.0	1.168136	Y
2	IC 410-734923/16	0.5	0.564895	9.99966	836799.0	1.129791	Y
3	IC 410-734923/17	1.0	1.170217	9.99966	831313.0	1.170217	Y
4	IC 410-734923/18	2.0	2.237161	9.99966	822367.0	1.118581	Y
5	IC 410-734923/19	5.0	6.122681	9.99966	804625.0	1.224536	Y
6	ICIS 410-734923/20	10.0	12.077537	9.99966	797917.0	1.207754	Y
7	IC 410-734923/21	25.0	30.562699	9.99966	776194.0	1.222508	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

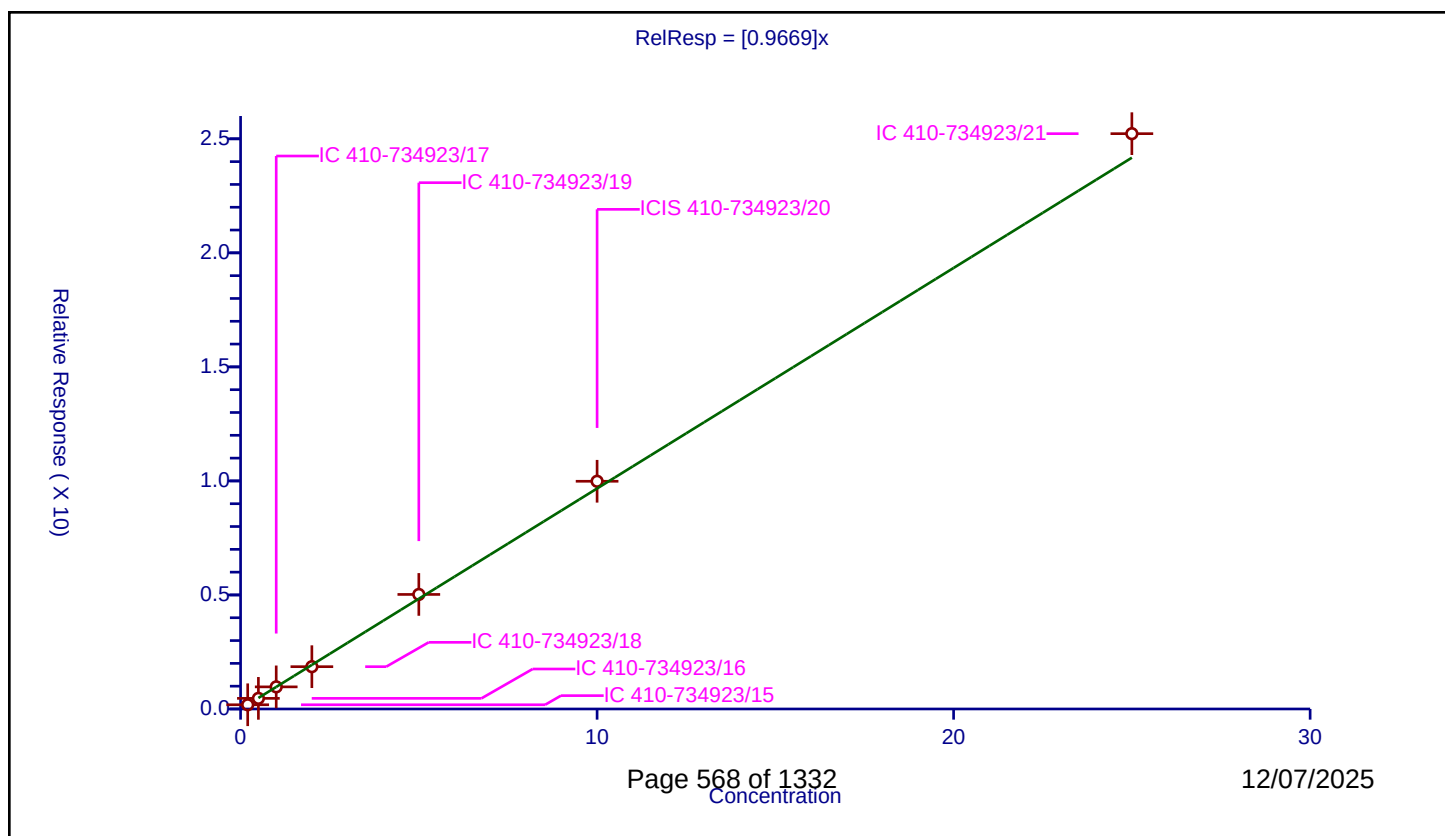
Curve Coefficients

Intercept: 0
Slope: 0.9669

Error Coefficients

Relative Standard Deviation: 3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.185327	9.99966	835576.0	0.926635	Y
2	IC 410-734923/16	0.5	0.466034	9.99966	836799.0	0.932068	Y
3	IC 410-734923/17	1.0	0.969927	9.99966	831313.0	0.969927	Y
4	IC 410-734923/18	2.0	1.855058	9.99966	822367.0	0.927529	Y
5	IC 410-734923/19	5.0	5.022728	9.99966	804625.0	1.004546	Y
6	ICIS 410-734923/20	10.0	9.984609	9.99966	797917.0	0.998461	Y
7	IC 410-734923/21	25.0	25.225684	9.99966	776194.0	1.009027	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

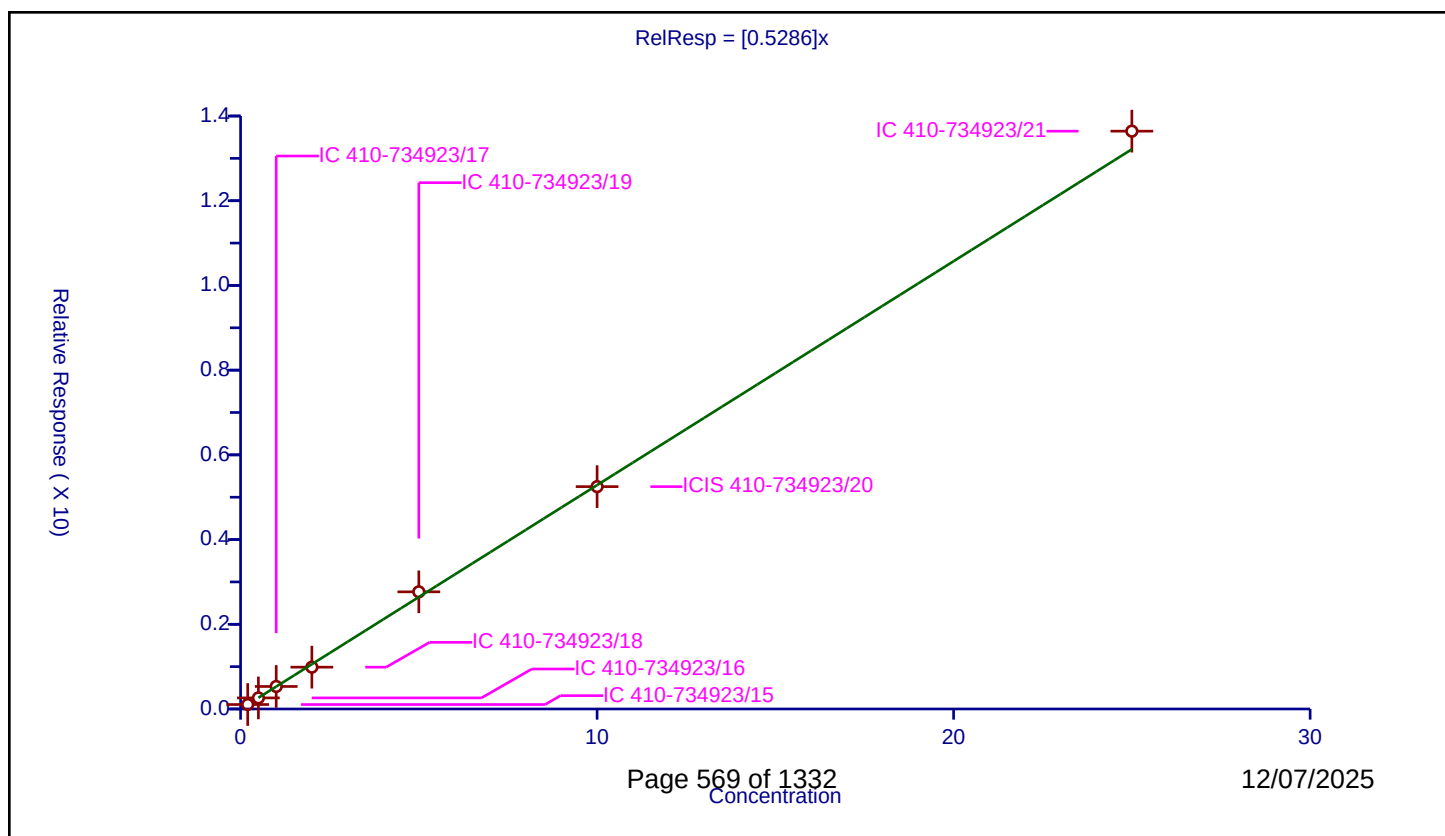
Curve Coefficients

Intercept: 0
Slope: 0.5286

Error Coefficients

Relative Standard Deviation: 3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.105516	9.99966	835576.0	0.527582	Y
2	IC 410-734923/16	0.5	0.261571	9.99966	836799.0	0.523142	Y
3	IC 410-734923/17	1.0	0.531815	9.99966	831313.0	0.531815	Y
4	IC 410-734923/18	2.0	0.987324	9.99966	822367.0	0.493662	Y
5	IC 410-734923/19	5.0	2.766014	9.99966	804625.0	0.553203	Y
6	ICIS 410-734923/20	10.0	5.249941	9.99966	797917.0	0.524994	Y
7	IC 410-734923/21	25.0	13.642633	9.99966	776194.0	0.545705	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

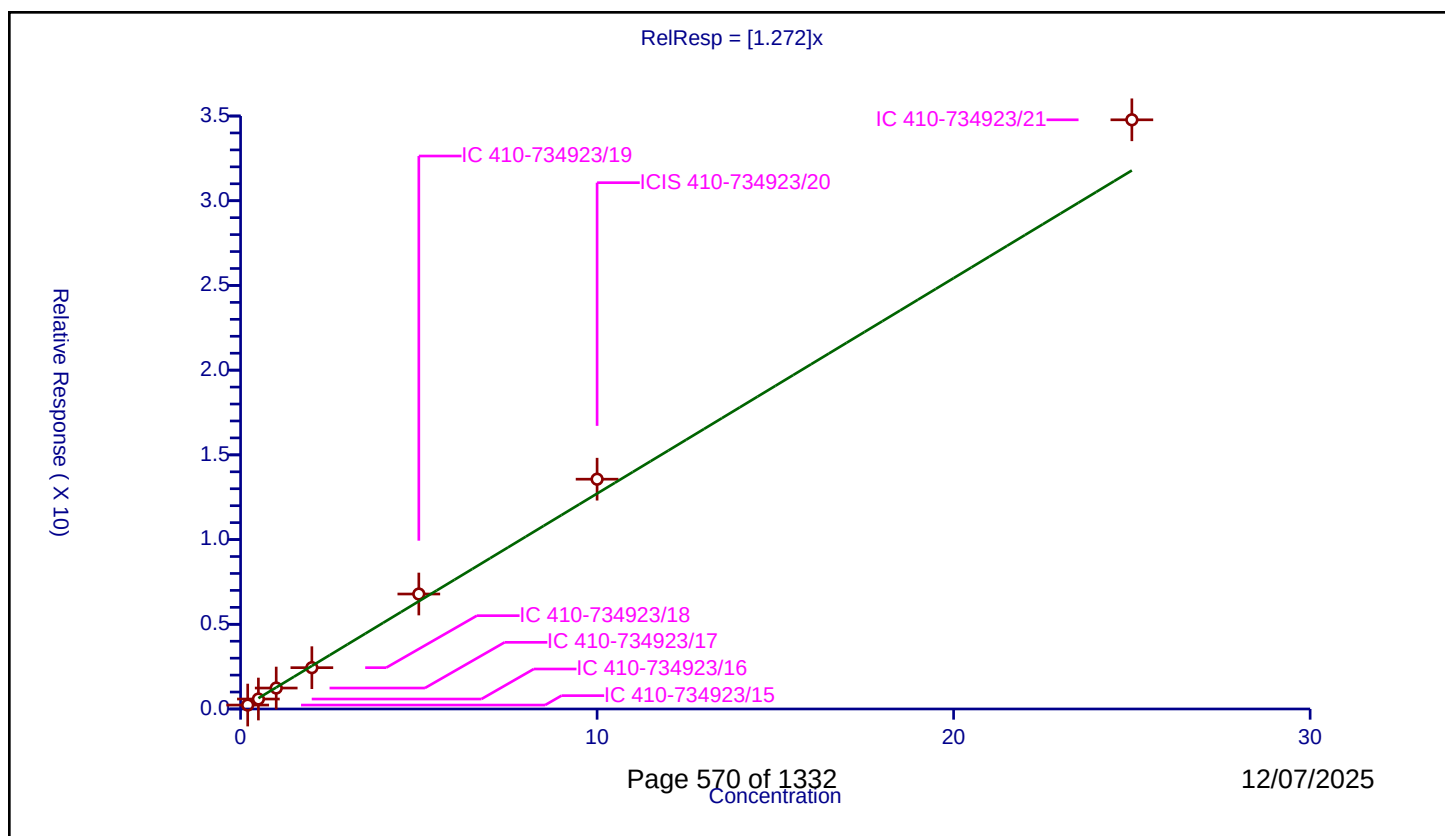
Curve Coefficients

Intercept: 0
Slope: 1.272

Error Coefficients

Relative Standard Deviation: 7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.232825	9.99966	835576.0	1.164127	Y
2	IC 410-734923/16	0.5	0.588329	9.99966	836799.0	1.176658	Y
3	IC 410-734923/17	1.0	1.236003	9.99966	831313.0	1.236003	Y
4	IC 410-734923/18	2.0	2.438208	9.99966	822367.0	1.219104	Y
5	IC 410-734923/19	5.0	6.785875	9.99966	804625.0	1.357175	Y
6	ICIS 410-734923/20	10.0	13.564534	9.99966	797917.0	1.356453	Y
7	IC 410-734923/21	25.0	34.776747	9.99966	776194.0	1.39107	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

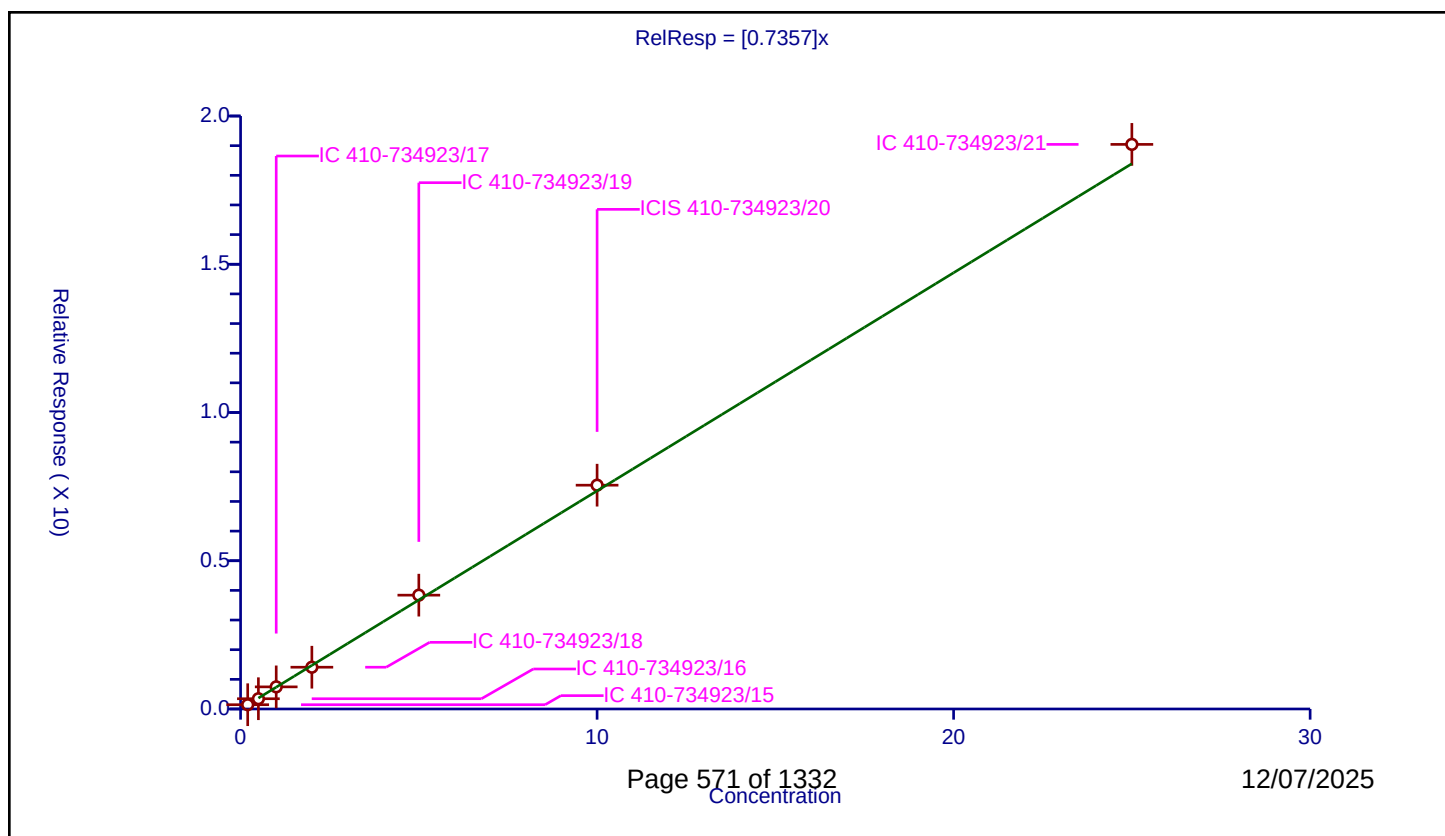
Curve Coefficients

Intercept: 0
Slope: 0.7357

Error Coefficients

Relative Standard Deviation: 4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-734923/15	0.2	0.144387	9.99966	835576.0	0.721933	Y
2	IC 410-734923/16	0.5	0.346272	9.99966	836799.0	0.692544	Y
3	IC 410-734923/17	1.0	0.746252	9.99966	831313.0	0.746252	Y
4	IC 410-734923/18	2.0	1.409323	9.99966	822367.0	0.704661	Y
5	IC 410-734923/19	5.0	3.838813	9.99966	804625.0	0.767763	Y
6	ICIS 410-734923/20	10.0	7.548473	9.99966	797917.0	0.754847	Y
7	IC 410-734923/21	25.0	19.042594	9.99966	776194.0	0.761704	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 720279
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 14:37 Calibration End Date: 10/27/2025 16:40 Calibration ID: 77992

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-720279/3	HC27X02.D
Level 2	IC 410-720279/4	HC27X03.D
Level 3	IC 410-720279/5	HC27X04.D
Level 4	IC 410-720279/6	HC27X05.D
Level 5	IC 410-720279/7	HC27X06.D
Level 6	IC 410-720279/8	HC27X07.D
Level 7	IC 410-720279/9	HC27X08.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								
Chlorodifluoromethane	0.4698 0.3803	0.4126 0.3707	0.3972	0.4166	0.3935	Ave		0.405 8				8.0		20.0			
Methoxymethane	0.4426 0.3182	0.3761 0.3075	0.3121	0.3281	0.3434	Ave		0.346 9				13.9		20.0			
Acetonitrile	++++ 0.0072	++++ 0.0058	++++	0.0087	0.0088	Ave		0.007 6				18.6		20.0			
Vinyl acetate	++++ 0.2560	0.1519 0.2698	0.1494	0.1691	0.2378	Lin1	-0.09 7	0.267 5							0.9960		0.9900
Ethyl acetate	++++ 0.0901	0.0372 0.0944	0.0402	0.0501	0.0775	Lin1	-0.04 5	0.093 8							0.9940		0.9900
2-Chloroethyl vinyl ether	0.0554 0.0861	0.0561 0.0893	0.0669	0.0862	0.0824	Ave		0.074 6				19.8		20.0			
cis-1,4-Dichloro-2-butene	0.0610 0.0677	0.0504 0.0663	0.0496	0.0584	0.0646	Ave		0.059 7				12.3		20.0			
Cyclohexanone	0.4278 0.2856	0.2911 0.3005	0.3066	0.3113	0.3222	Ave		0.320 7				15.2		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 720279
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19094 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 14:37 Calibration End Date: 10/27/2025 16:40 Calibration ID: 77992

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-720279/3	HC27X02.D
Level 2	IC 410-720279/4	HC27X03.D
Level 3	IC 410-720279/5	HC27X04.D
Level 4	IC 410-720279/6	HC27X05.D
Level 5	IC 410-720279/7	HC27X06.D
Level 6	IC 410-720279/8	HC27X07.D
Level 7	IC 410-720279/9	HC27X08.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
Chlorodifluoromethane	FB	Ave	18620 741374	39502 1796160	75568	159056	374341	0.200 10.0	0.500 25.0	1.00	2.00	5.00
Methoxymethane	FB	Ave	17542 620210	36005 1489752	59380	125258	326717	0.200 10.0	0.500 25.0	1.00	2.00	5.00
Acetonitrile	FB	Ave	++++ 70268	++++ 140563	++++	16651	41728	++++ 50.0	++++ 125	++++	10.0	25.0
Vinyl acetate	FB	Lin1	++++ 498971	14546 1307399	28431	64560	226231	++++ 10.0	0.500 25.0	1.00	2.00	5.00
Ethyl acetate	FB	Lin1	++++ 175717	3559 457579	7643	19126	73763	++++ 10.0	0.500 25.0	1.00	2.00	5.00
2-Chloroethyl vinyl ether	FB	Ave	2195 167794	5370 432696	12734	32909	78359	0.200 10.0	0.500 25.0	1.00	2.00	5.00
cis-1,4-Dichloro-2-butene	CBZd5	Ave	3430 189294	6956 468125	13488	31924	88559	0.400 20.0	1.000 50.0	2.00	4.00	10.00
Cyclohexanone	TBA d1 0	Ave	5818 150050	8322 290563	12032	16926	79799	10.0 500	25.0 1250	50.0	100	250

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.: 410-254861-1 Analy Batch No.: 720279
Environment Testing, LLC

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 14:37 Calibration End Date: 10/27/2025 16:40 Calibration ID: 77992

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-720279/3	HC27X02.D
Level 2	IC 410-720279/4	HC27X03.D
Level 3	IC 410-720279/5	HC27X04.D
Level 4	IC 410-720279/6	HC27X05.D
Level 5	IC 410-720279/7	HC27X06.D
Level 6	IC 410-720279/8	HC27X07.D
Level 7	IC 410-720279/9	HC27X08.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Chlorodifluoromethane	15.8 -8.7	1.7	-2.1	2.7	-3.0	-6.3	50 30	30	30	30	30	30
Methoxymethane	27.6 -11.4	8.4	-10.0	-5.4	-1.0	-8.3	50 30	30	30	30	30	30
Acetonitrile	++++ -23.9	++++	++++	14.4	15.0	-5.5	30			50	30	30
Vinyl acetate	++++ 2.3	29.0	-8.0	-18.7	-3.9	-0.7	30	50	30	30	30	30
Ethyl acetate	++++ 2.6	35.8	-9.1	-22.5	-7.7	0.9	30	50	30	30	30	30
2-Chloroethyl vinyl ether	-25.8 19.7	-24.8	-10.3	15.5	10.4	15.4	50 30	30	30	30	30	30
cis-1,4-Dichloro-2-butene	2.2 11.1	-15.6	-17.0	-2.3	8.3	13.4	50 30	30	30	30	30	30
Cyclohexanone	33.4 -6.3	-9.2	-4.4	-3.0	0.5	-11.0	50 30	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X02.D
 Lims ID: IC std1 0.2
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 27-Oct-2025 14:37:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0164600-003
 Misc. Info.: IC STD1 0.2
 Operator ID: ecr105096 Instrument ID: 19094
 Sublist: chrom-MSV_19094_25mL*sub49
 Method: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 29-Oct-2025 10:16:24 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JS6E

Date: 27-Oct-2025 16:58:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.788	1.782	0.006	41	6081	0.2000	0.2134	
3 Chlorodifluoromethane	51	1.831	1.831	0.000	96	18620	0.2000	0.2315	
4 Dimethyl ether	45	1.879	1.873	0.006	99	17542	0.2000	0.2552	
8 2-Chloro-1,1,1-Trifluoroethane	118	2.154	2.154	0.000	36	14201	0.2000	0.2138	
26 Acetonitrile	41		3.769				ND	ND	U
* 28 t-Butyl alcohol-d10 (IS)	65	3.836	3.830	0.006	24	67998	50.0	50.0	
36 Vinyl acetate	43	5.080	4.855	0.225	37	8369	0.2000	0.5191	M
45 Ethyl acetate	43		5.769				ND	ND	U
61 Isopropyl acetate	43	7.037	7.001	0.036	53	13067	0.2000	0.2772	M
* 64 Fluorobenzene (IS)	96	7.317	7.318	-0.001	99	1981508	10.0	10.0	
75 n-Propyl acetate	61		8.336				ND	ND	
78 2-Chloroethyl vinyl ether	63	8.945	8.884	0.061	66	2195	0.2000	0.1484	M
110 n-Butyl acetate	43	10.366	10.335	0.031	97	9445	0.2000	0.2444	M
* 113 Chlorobenzene-d5 (IS)	117	10.927	10.927	-0.001	87	1405901	10.0	10.0	
124 cis-1,4-Dichloro-2-butene	88	11.859	11.853	0.006	0	3430	0.4000	0.4086	
125 Cyclohexanone	55	11.884	11.878	0.006	92	5818	10.0	13.3	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	767441	10.0	10.0	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

MSV_CCV_V5ACE_00055	Amount Added: 0.20	Units: uL
MSV_CCV_CYC_00012	Amount Added: 1.60	Units: uL
MSV_V_SMRV4_00094	Amount Added: 1.00	Units: uL
MSV_DME_00070	Amount Added: 0.20	Units: uL
MSV_LLcentISO_00012	Amount Added: 5.00	Units: uL

Report Date: 29-Oct-2025 10:16:25

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X02.D

Injection Date: 27-Oct-2025 14:37:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: IC std1 0.2

Worklist Smp#: 3

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

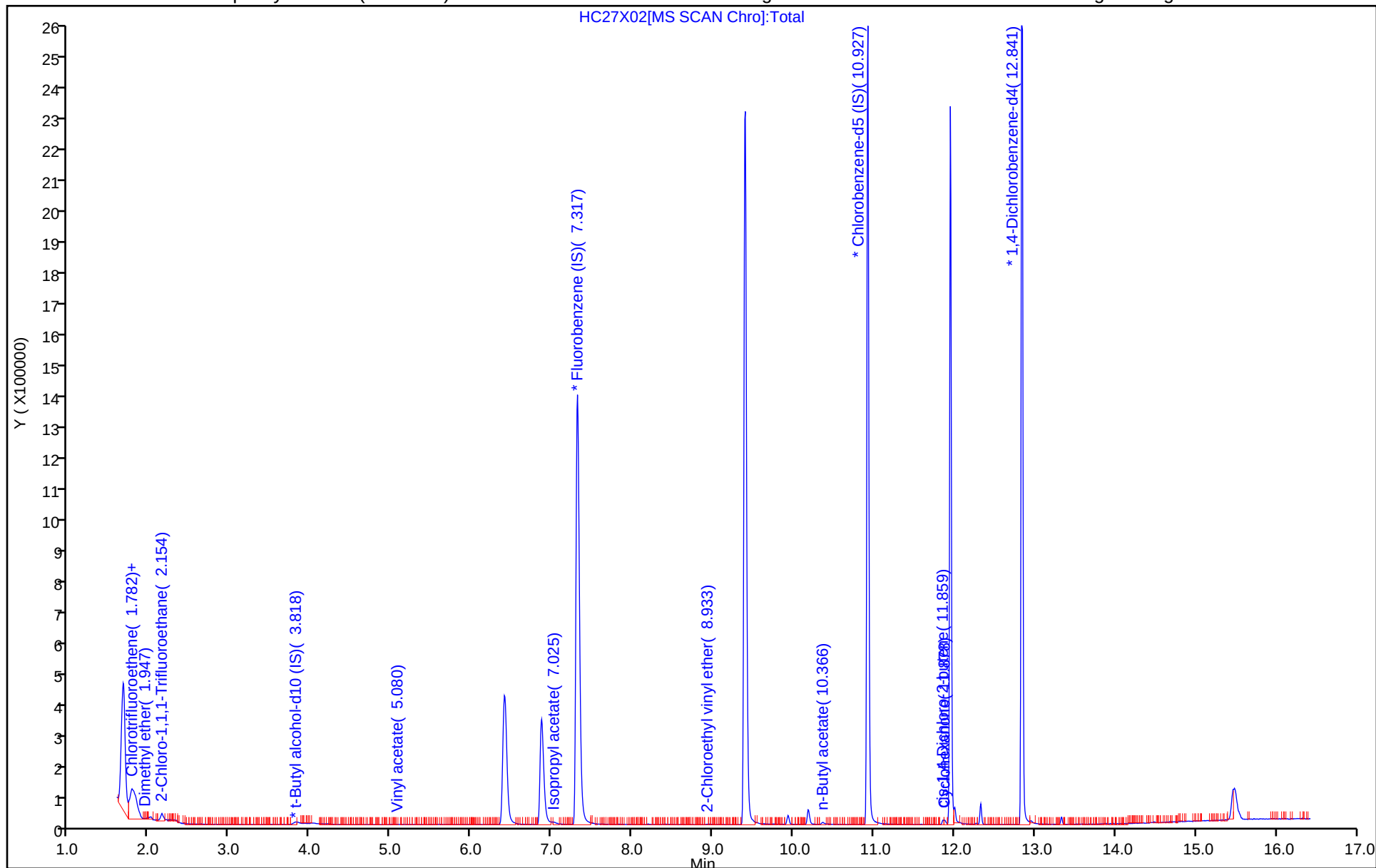
ALS Bottle#: 2

Method: MSV_19094_25mL

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

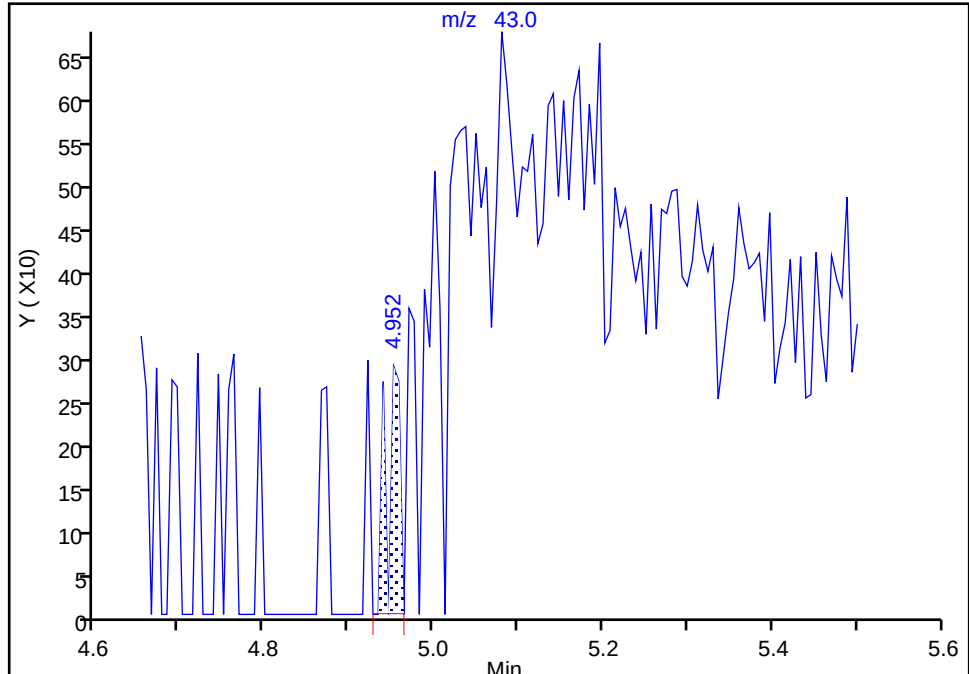
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Injection Date: 27-Oct-2025 14:37:30 Instrument ID: 19094
Lims ID: IC std1 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

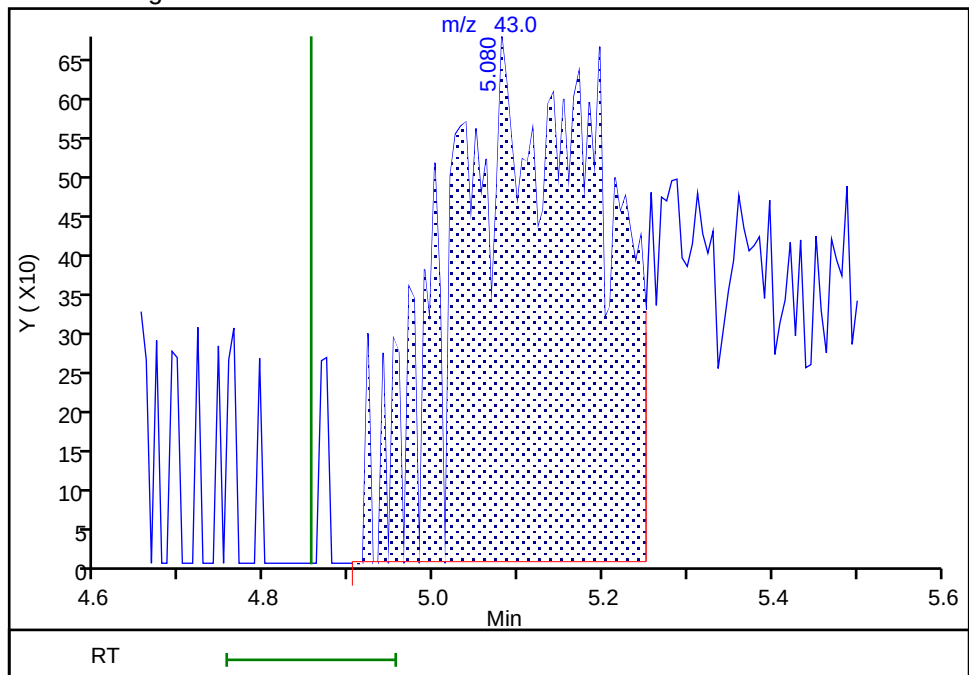
RT: 4.95
Area: 303
Amount: 0.242448
Amount Units: ug/l

Processing Integration Results



RT: 5.08
Area: 8369
Amount: 0.519147
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 19:58:56 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

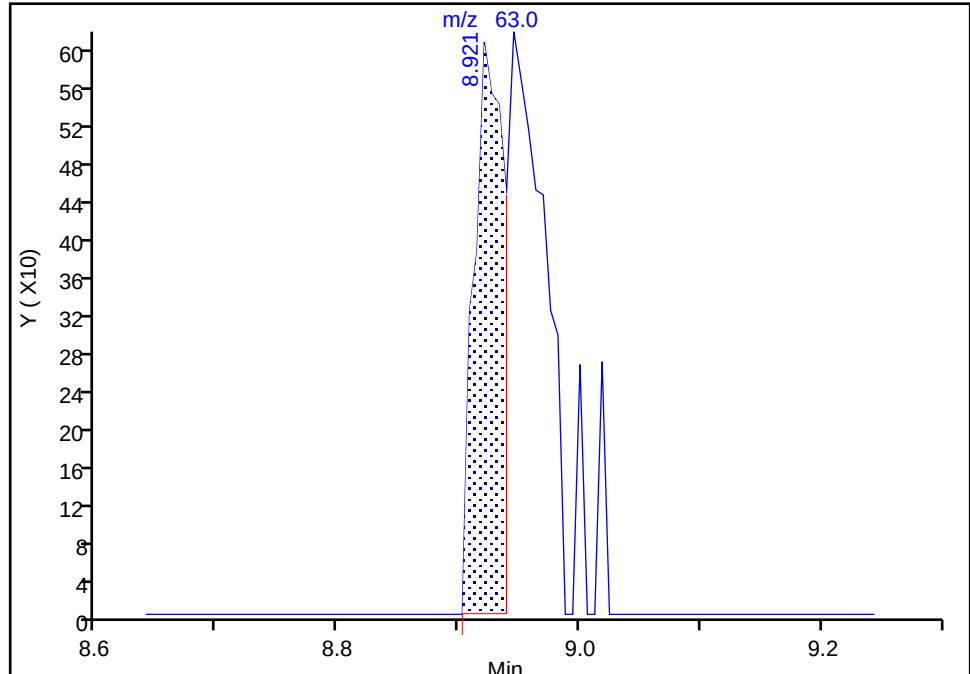
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X02.D
Injection Date: 27-Oct-2025 14:37:30 Instrument ID: 19094
Lims ID: IC std1 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

78 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

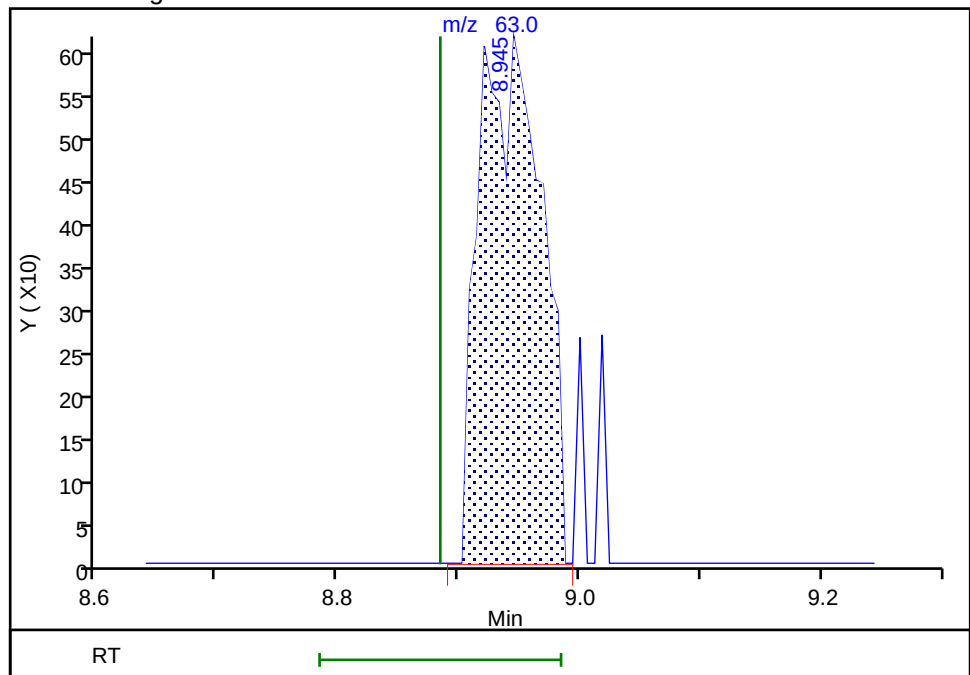
RT: 8.92
Area: 1032
Amount: 0.290657
Amount Units: ug/l

Processing Integration Results



RT: 8.95
Area: 2195
Amount: 0.148446
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 19:55:20 -04:00:00 (UTC)

Audit Action: Manually Integrated

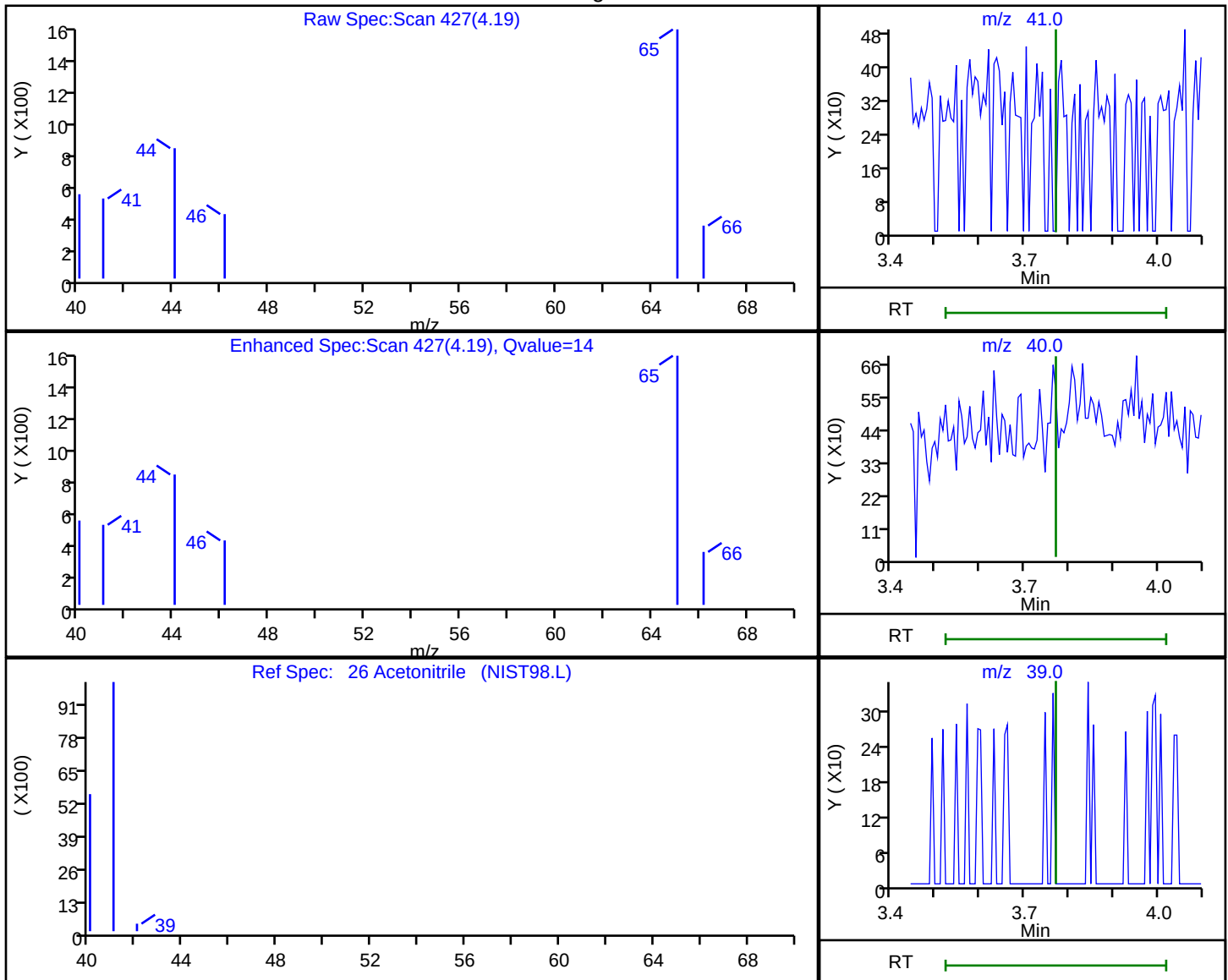
Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X02.D
Injection Date: 27-Oct-2025 14:37:30 Instrument ID: 19094
Lims ID: IC std1 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) MS Quad

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
4.19	41.00	1825	1.159460
4.23	40.00	0	
4.17	39.00	91	
4.23	38.00	0	

Reviewer: JS6E, 27-Oct-2025 19:54:57 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

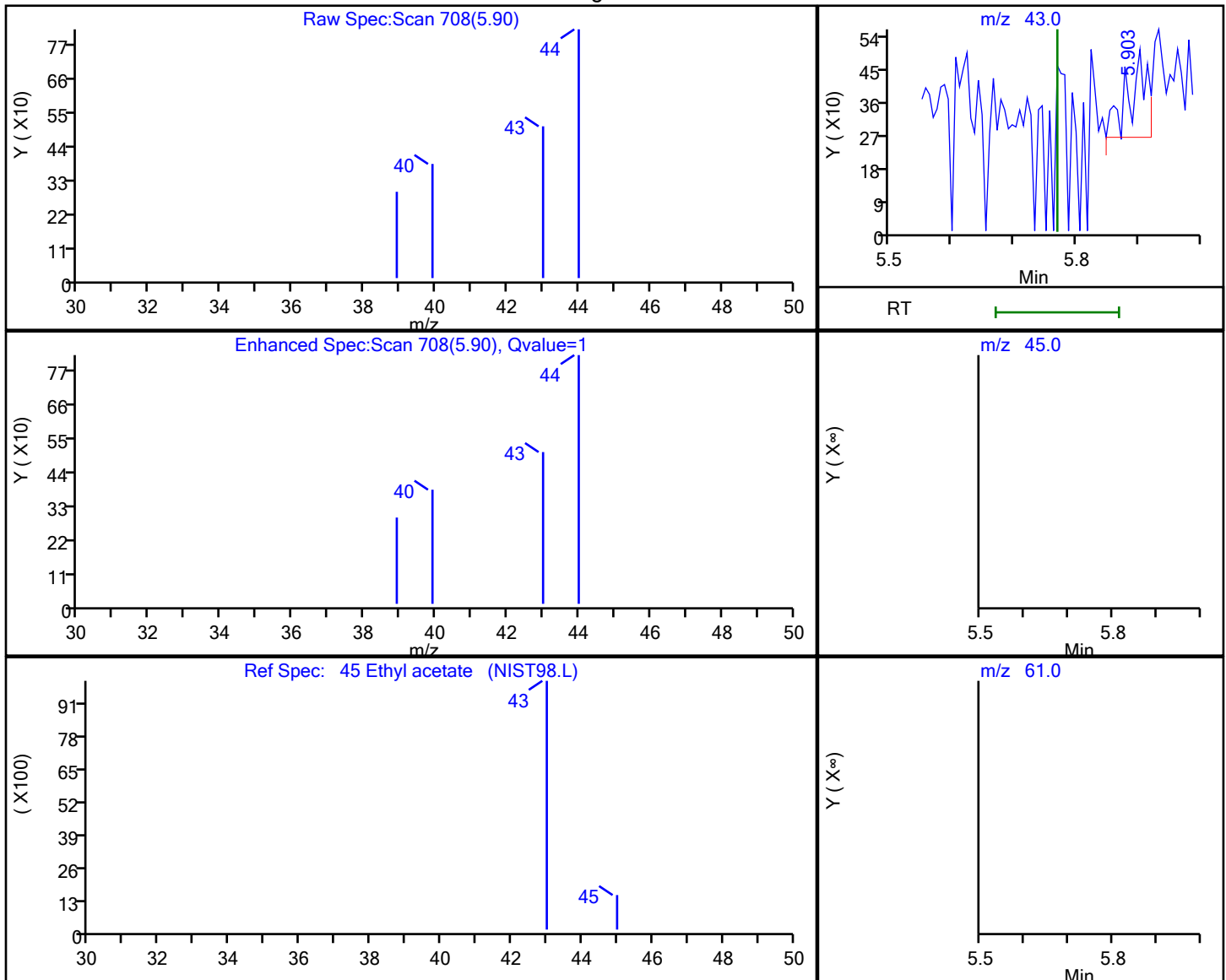
Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X02.D
Injection Date: 27-Oct-2025 14:37:30 Instrument ID: 19094
Lims ID: IC std1 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

45 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
5.90	43.00	504	0.041799
5.82	45.00	0	
5.82	61.00	0	
5.82	70.00	0	

Reviewer: JS6E, 27-Oct-2025 19:55:01 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X03.D
 Lims ID: IC std2 0.5
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 27-Oct-2025 14:57:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0164600-004
 Misc. Info.: IC STD2 0.5
 Operator ID: ecr105096 Instrument ID: 19094
 Sublist: chrom-MSV_19094_25mL*sub49
 Method: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 29-Oct-2025 10:16:32 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JS6E

Date: 27-Oct-2025 19:43:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.782	1.782	0.000	43	13988	0.5000	0.5079	
3 Chlorodifluoromethane	51	1.831	1.831	0.000	97	39502	0.5000	0.5084	
4 Dimethyl ether	45	1.873	1.873	0.000	95	36005	0.5000	0.5421	
8 2-Chloro-1,1,1-Trifluoroethane	118	2.160	2.154	0.006	35	31583	0.5000	0.4922	
26 Acetonitrile	41		3.769				ND	ND	U
* 28 t-Butyl alcohol-d10 (IS)	65	3.843	3.830	0.013	30	57168	50.0	50.0	
36 Vinyl acetate	43	5.147	4.855	0.292	34	14546	0.5000	0.6452	M
45 Ethyl acetate	43	5.952	5.769	0.183	2	3559	0.5000	0.6790	M
61 Isopropyl acetate	43	7.025	7.001	0.024	98	20327	0.5000	0.4462	
* 64 Fluorobenzene (IS)	96	7.317	7.318	-0.001	99	1914727	10.0	10.0	
75 n-Propyl acetate	61	8.397	8.336	0.061	94	1059	0.5000	0.5742	M
78 2-Chloroethyl vinyl ether	63	8.915	8.884	0.031	90	5370	0.5000	0.3758	M
110 n-Butyl acetate	43	10.360	10.335	0.025	97	15025	0.5000	0.3960	M
* 113 Chlorobenzene-d5 (IS)	117	10.927	10.927	0.000	87	1380551	10.0	10.0	
124 cis-1,4-Dichloro-2-butene	88	11.859	11.853	0.006	0	6956	1.00	0.8438	
125 Cyclohexanone	55	11.884	11.878	0.006	92	8322	25.0	22.7	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	743260	10.0	10.0	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

MSV_CCV_V5ACE_00055	Amount Added: 0.50	Units: uL
MSV_CCV_CYC_00012	Amount Added: 4.00	Units: uL
MSV_V_SMRV4_00094	Amount Added: 2.50	Units: uL
MSV_DME_00070	Amount Added: 0.50	Units: uL
MSV_LLcentISO_00012	Amount Added: 5.00	Units: uL

Report Date: 29-Oct-2025 10:16:33

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X03.D

Injection Date: 27-Oct-2025 14:57:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: IC std2 0.5

Worklist Smp#: 4

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

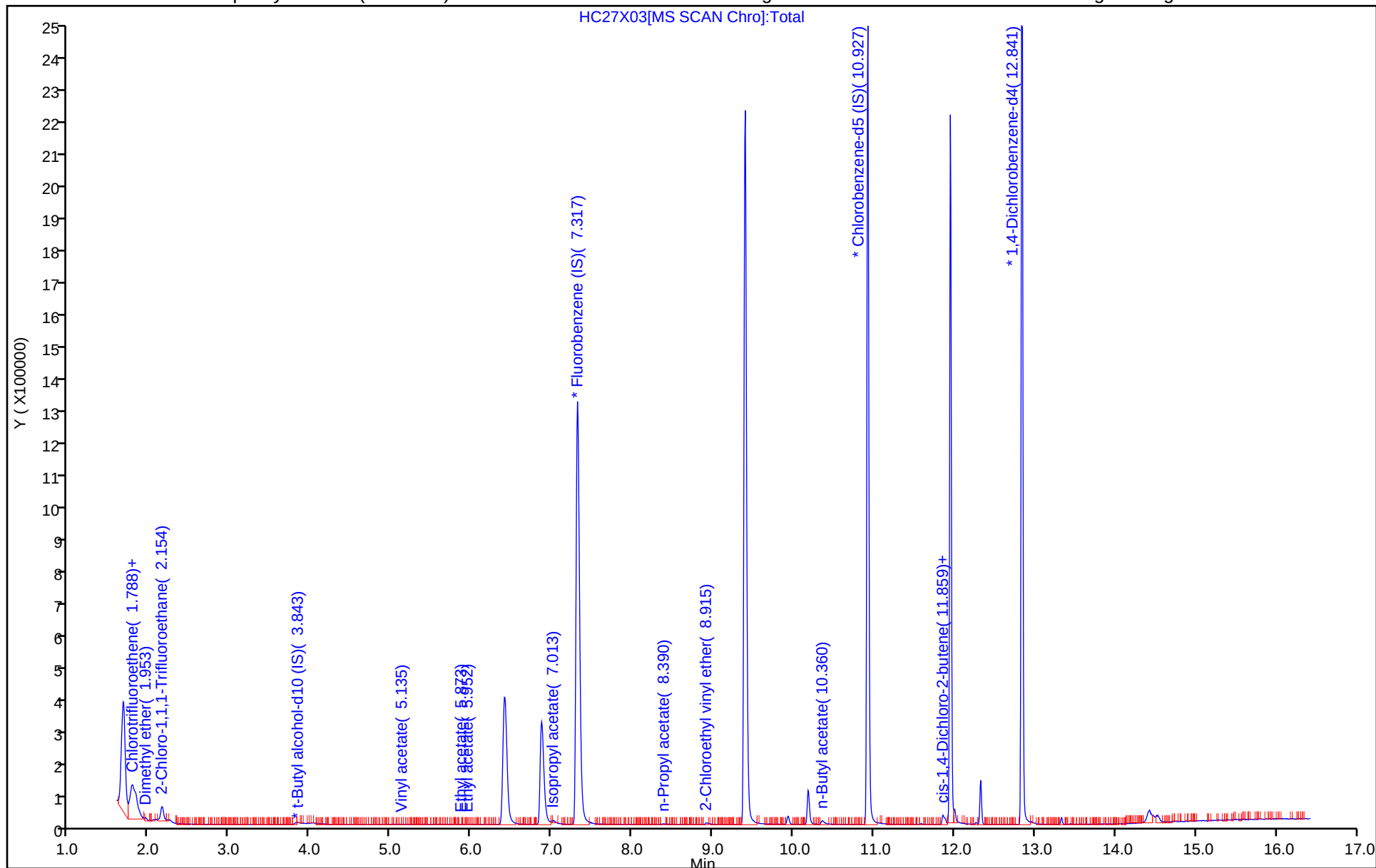
ALS Bottle#: 3

Method: MSV_19094_25mL

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

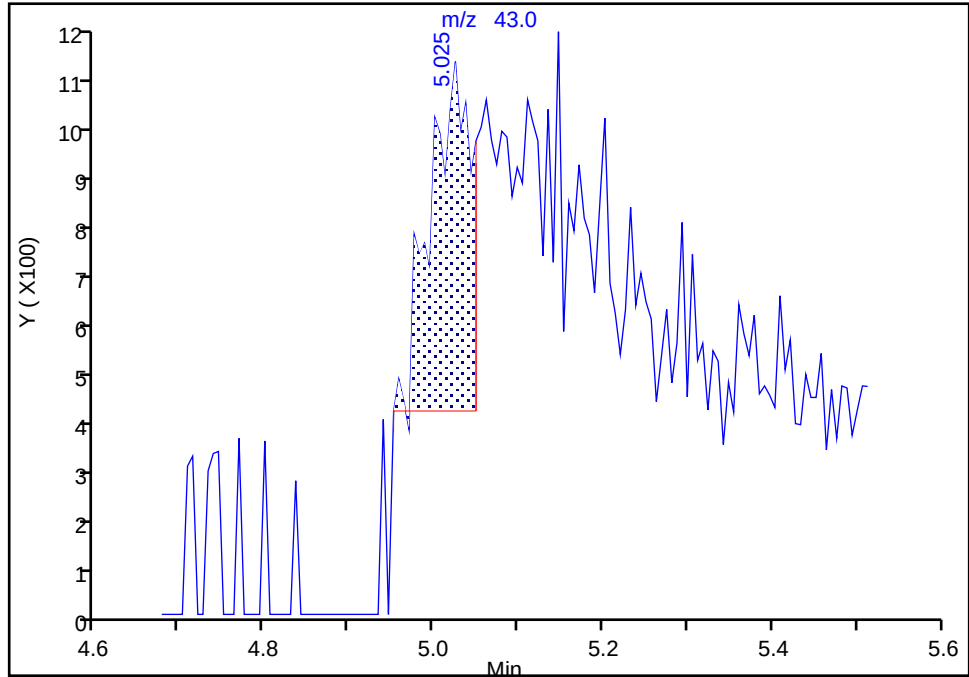
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X03.D
Injection Date: 27-Oct-2025 14:57:30 Instrument ID: 19094
Lims ID: IC std2 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

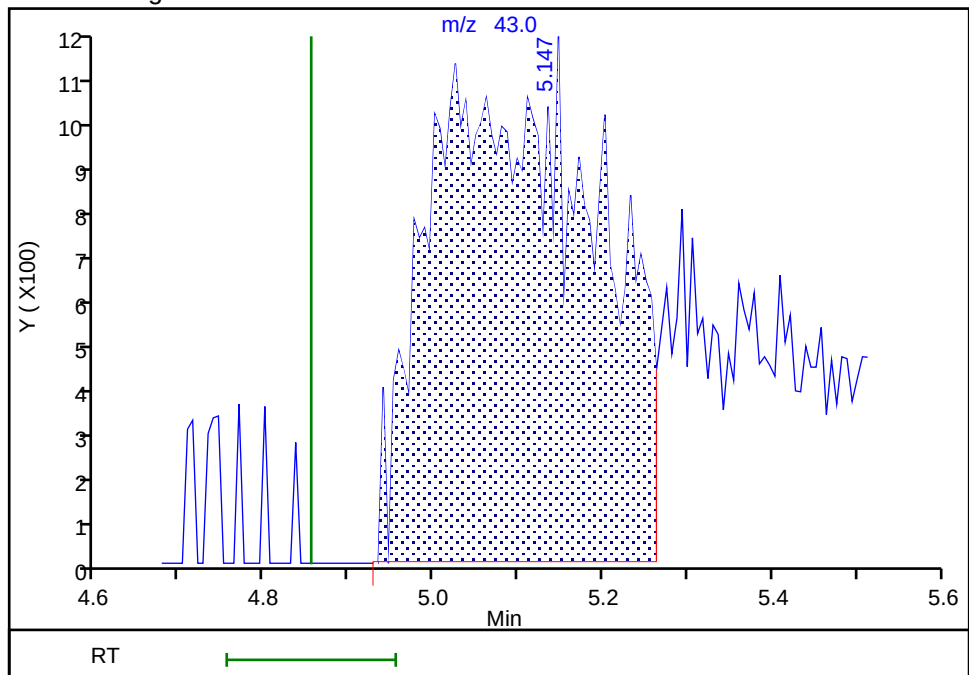
RT: 5.03
Area: 2245
Amount: 0.072552
Amount Units: ug/l

Processing Integration Results



RT: 5.15
Area: 14546
Amount: 0.645234
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 19:58:40 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

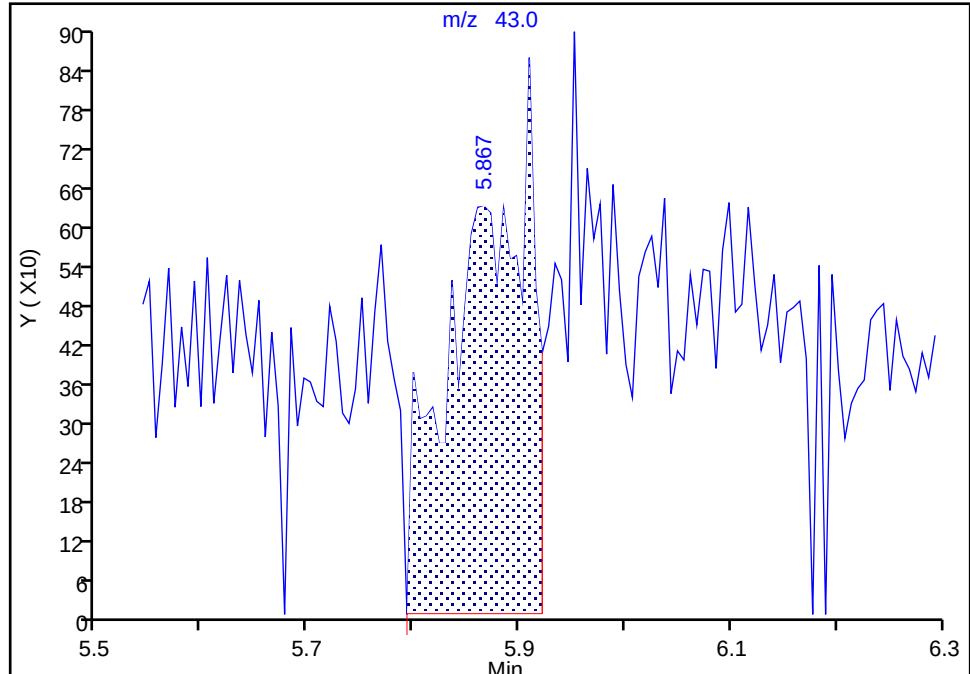
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X03.D
Injection Date: 27-Oct-2025 14:57:30 Instrument ID: 19094
Lims ID: IC std2 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

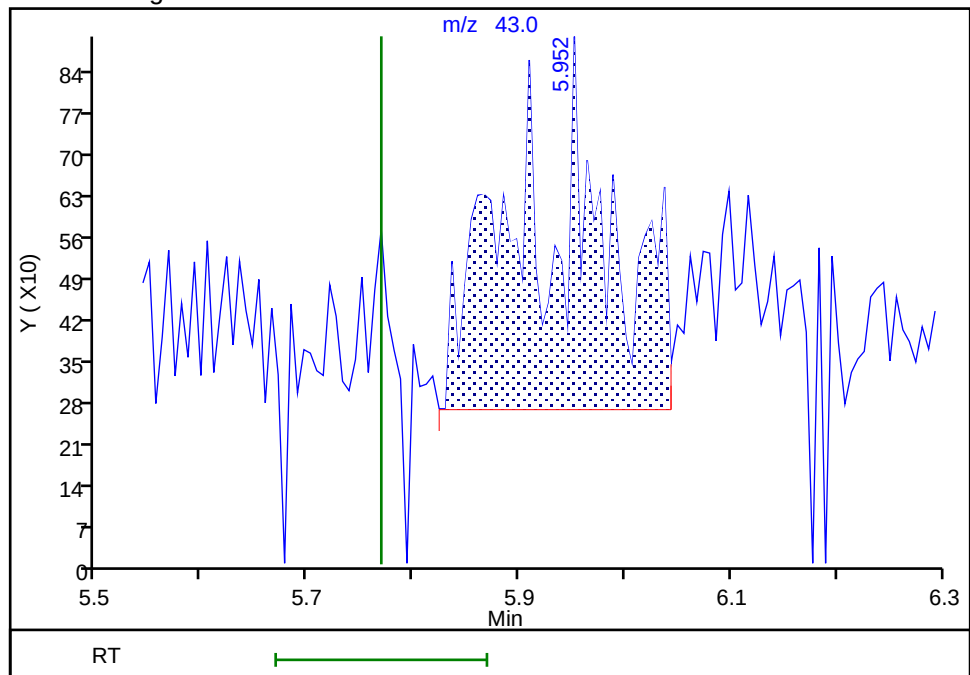
RT: 5.87
Area: 3698
Amount: 0.334861
Amount Units: ug/l

Processing Integration Results



RT: 5.95
Area: 3559
Amount: 0.678957
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 03:49:01 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

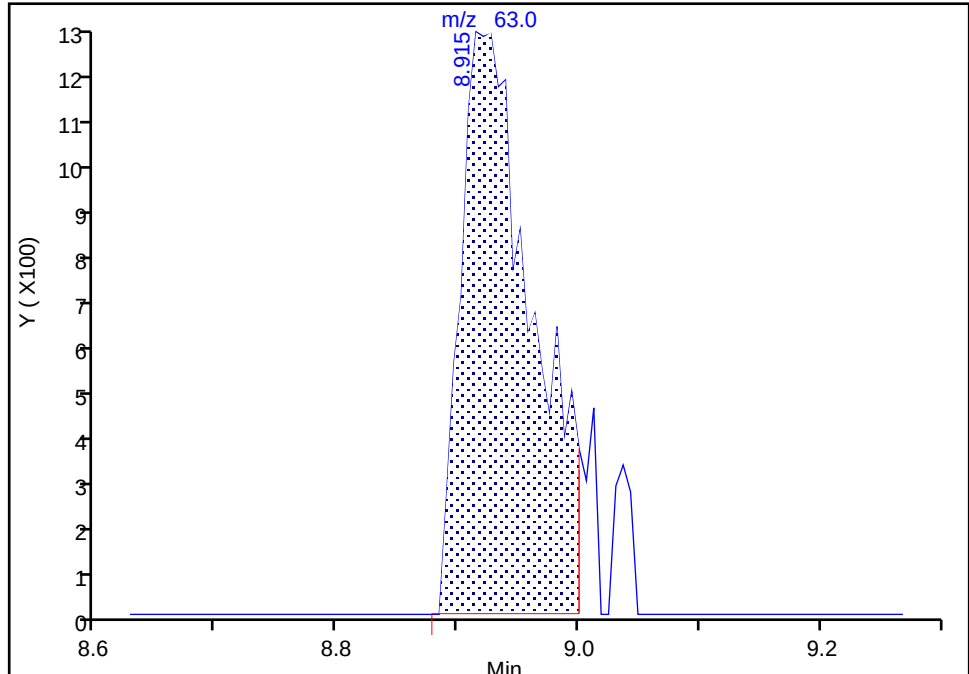
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X03.D
Injection Date: 27-Oct-2025 14:57:30 Instrument ID: 19094
Lims ID: IC std2 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

78 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

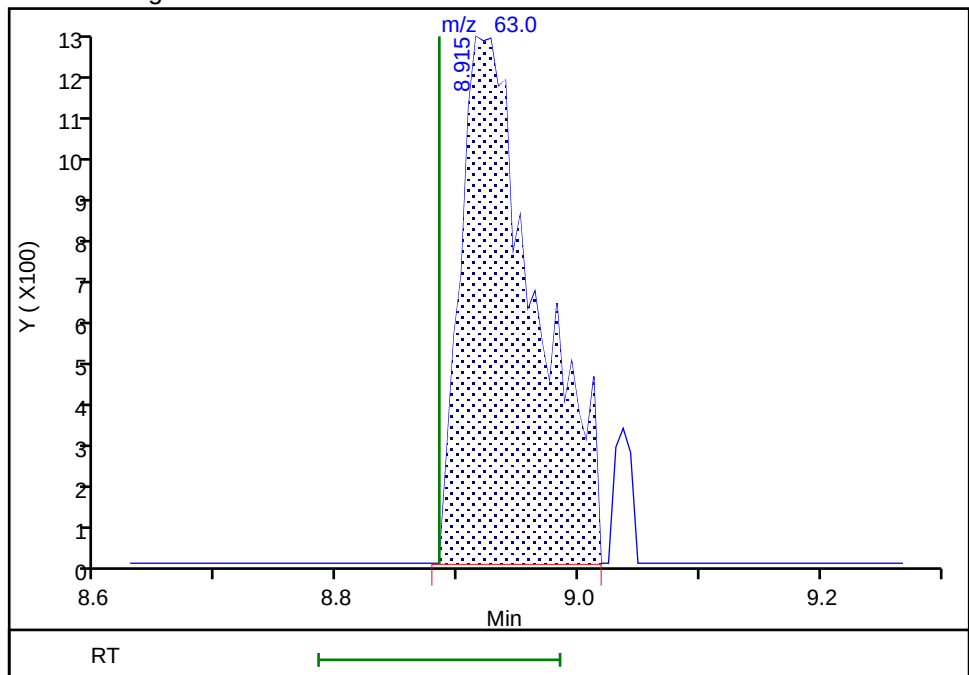
RT: 8.91
Area: 5107
Amount: 0.532917
Amount Units: ug/l

Processing Integration Results



RT: 8.91
Area: 5370
Amount: 0.375835
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 19:52:03 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X03.D

Injection Date: 27-Oct-2025 14:57:30

Instrument ID: 19094

Lims ID: IC std2 0.5

Client ID:

Operator ID: ecr105096

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV_19094_25mL

Limit Group:

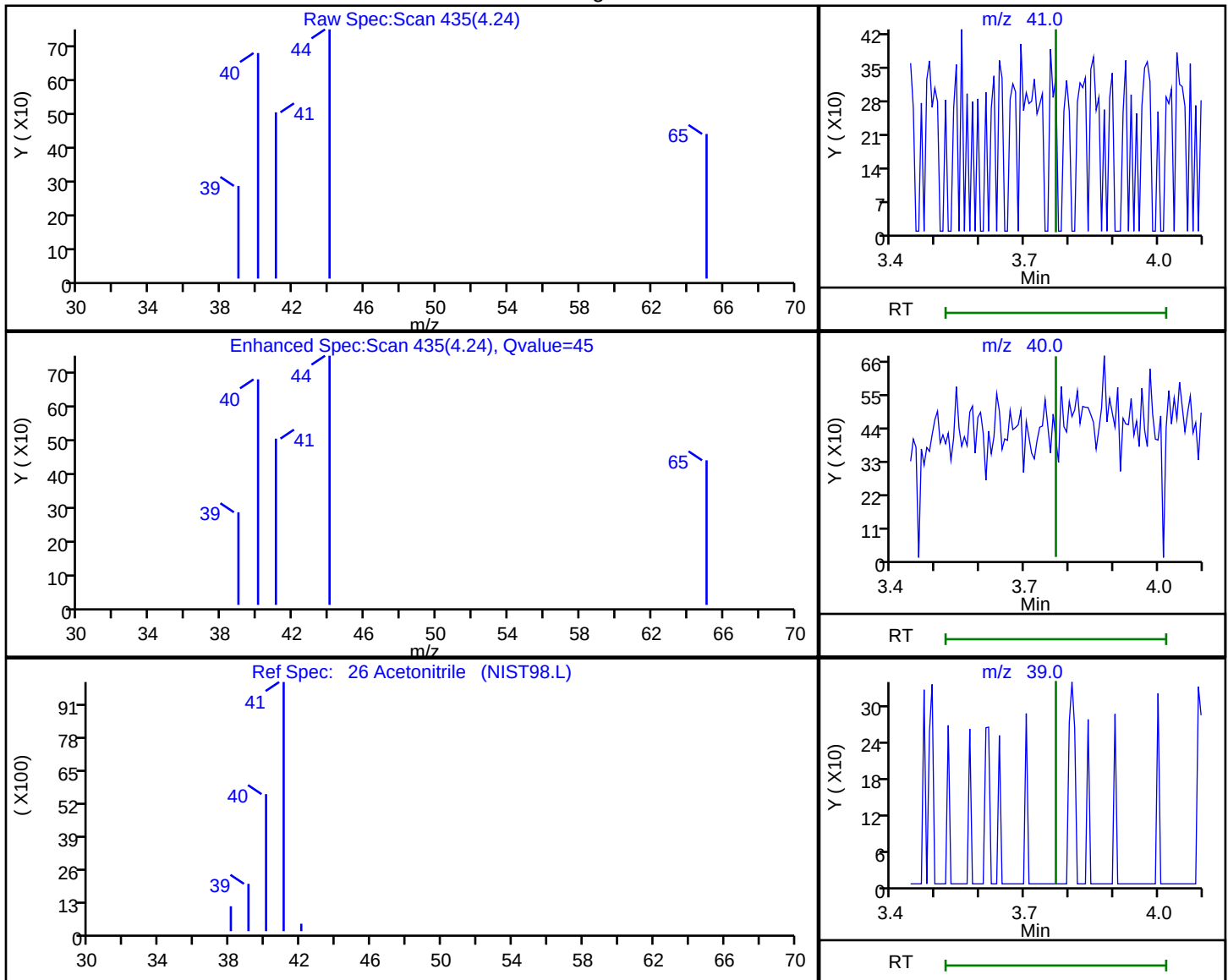
MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
4.24	41.00	979	0.734580
4.23	40.00	0	
4.23	39.00	0	
4.23	38.00	0	

Reviewer: JS6E, 27-Oct-2025 19:51:16 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X04.D
 Lims ID: IC std3 1
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 27-Oct-2025 15:18:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0164600-005
 Misc. Info.: IC STD3 1
 Operator ID: ecr105096 Instrument ID: 19094
 Sublist: chrom-MSV_19094_25mL*sub49
 Method: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 29-Oct-2025 10:16:39 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JS6E

Date: 27-Oct-2025 19:42:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.776	1.782	-0.006	51	25993	1.00	0.9498	
3 Chlorodifluoromethane	51	1.825	1.831	-0.006	97	75568	1.00	0.9787	
4 Dimethyl ether	45	1.861	1.873	-0.012	99	59380	1.00	0.8998	M
8 2-Chloro-1,1,1-Trifluoroethane	118	2.148	2.154	-0.006	36	61988	1.00	0.9721	
26 Acetonitrile	41		3.769				ND	ND	MU
* 28 t-Butyl alcohol-d10 (IS)	65	3.861	3.830	0.031	31	39245	50.0	50.0	
36 Vinyl acetate	43	4.989	4.855	0.134	73	28431	1.00	0.9198	M
45 Ethyl acetate	43	5.885	5.769	0.116	4	7643	1.00	0.9091	M
61 Isopropyl acetate	43	7.013	7.001	0.012	98	38401	1.00	0.8483	M
* 64 Fluorobenzene (IS)	96	7.317	7.318	-0.001	99	1902640	10.0	10.0	
75 n-Propyl acetate	61	8.378	8.336	0.042	96	5036	1.00	1.00	M
78 2-Chloroethyl vinyl ether	63	8.902	8.884	0.018	91	12734	1.00	0.8969	M
110 n-Butyl acetate	43	10.353	10.335	0.018	98	29561	1.00	0.7904	M
* 113 Chlorobenzene-d5 (IS)	117	10.926	10.927	-0.001	87	1360634	10.0	10.0	
124 cis-1,4-Dichloro-2-butene	88	11.859	11.853	0.006	0	13488	2.00	1.66	
125 Cyclohexanone	55	11.884	11.878	0.006	89	12032	50.0	47.8	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	730854	10.0	10.0	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

MSV_CCV_V5ACE_00055	Amount Added: 1.00	Units: uL
MSV_CCV_CYC_00012	Amount Added: 8.00	Units: uL
MSV_V_SMRV4_00094	Amount Added: 5.00	Units: uL
MSV_DME_00070	Amount Added: 1.00	Units: uL
MSV_LLcentISO_00012	Amount Added: 5.00	Units: uL

Report Date: 29-Oct-2025 10:16:40

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X04.D

Injection Date: 27-Oct-2025 15:18:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: IC std3 1

Worklist Smp#: 5

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

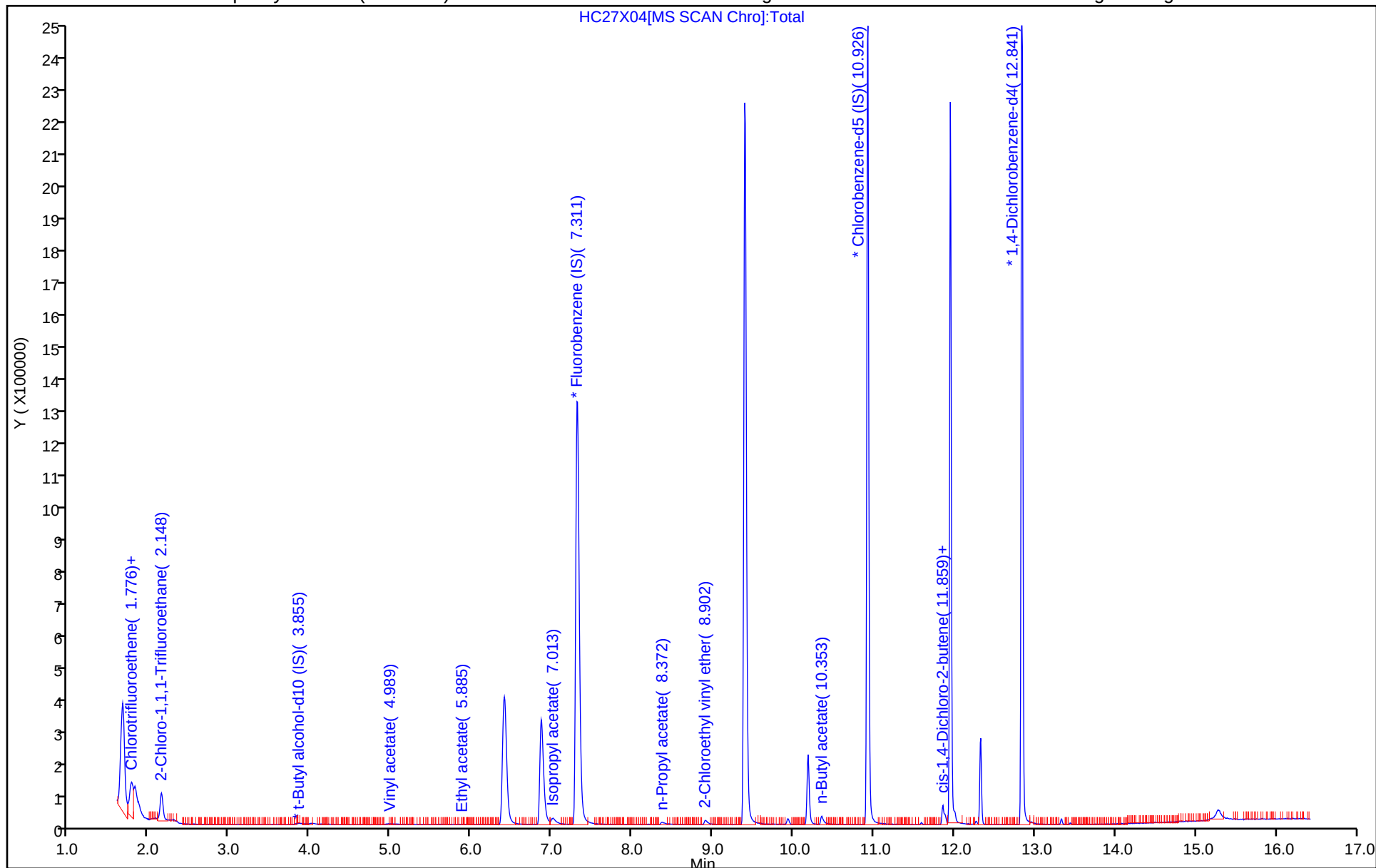
ALS Bottle#: 4

Method: MSV_19094_25mL

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

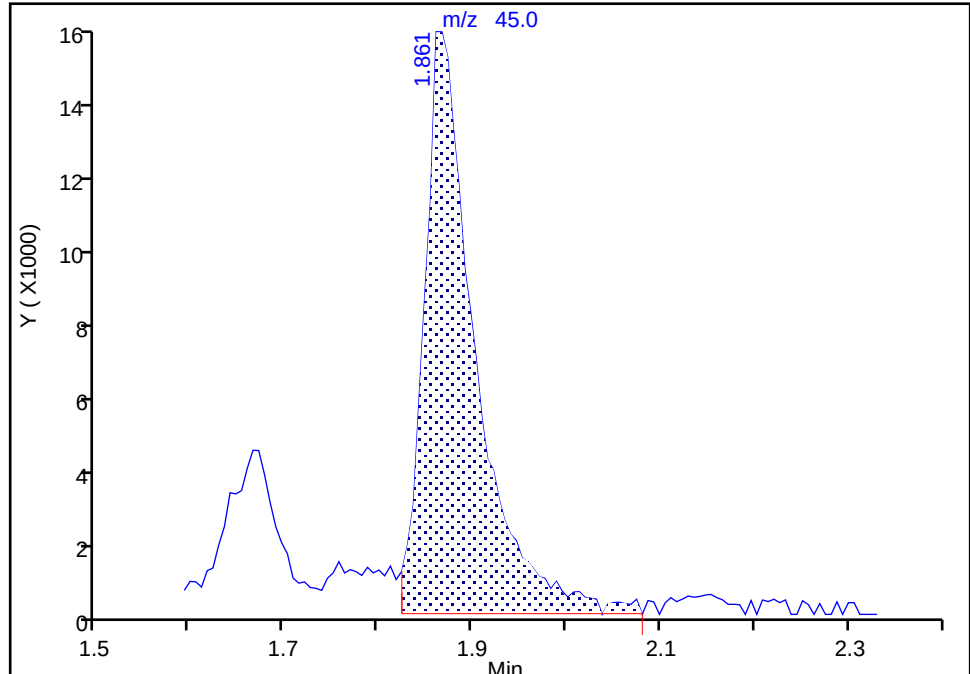
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X04.D
Injection Date: 27-Oct-2025 15:18:30 Instrument ID: 19094
Lims ID: IC std3 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

4 Dimethyl ether, CAS: 115-10-6

Signal: 1

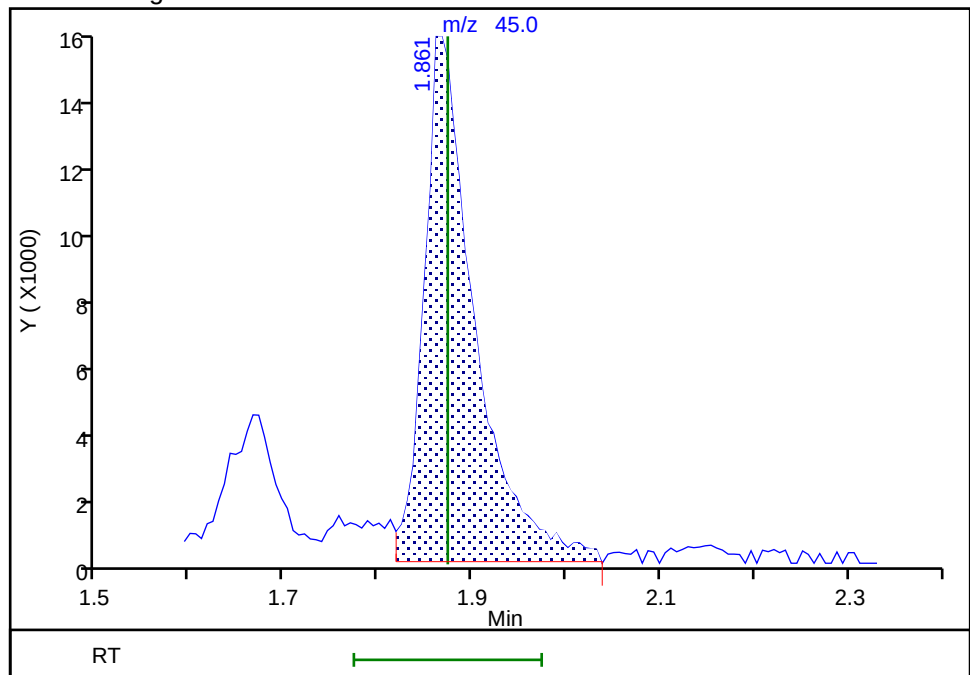
RT: 1.86
Area: 60012
Amount: 0.908112
Amount Units: ug/l

Processing Integration Results



RT: 1.86
Area: 59380
Amount: 0.899777
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 19:45:18 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

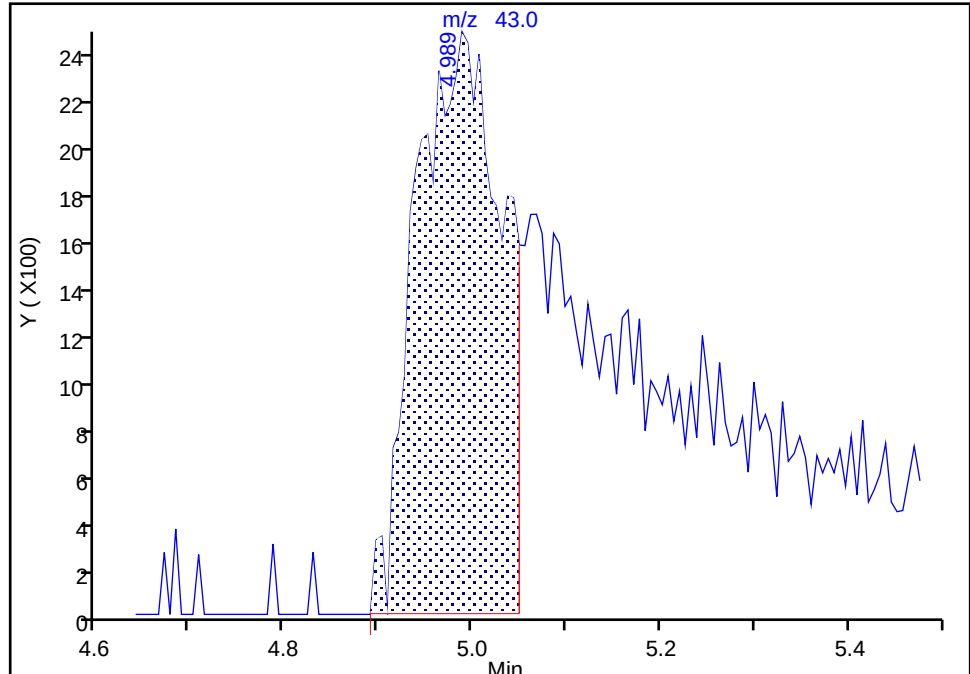
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X04.D
Injection Date: 27-Oct-2025 15:18:30 Instrument ID: 19094
Lims ID: IC std3 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

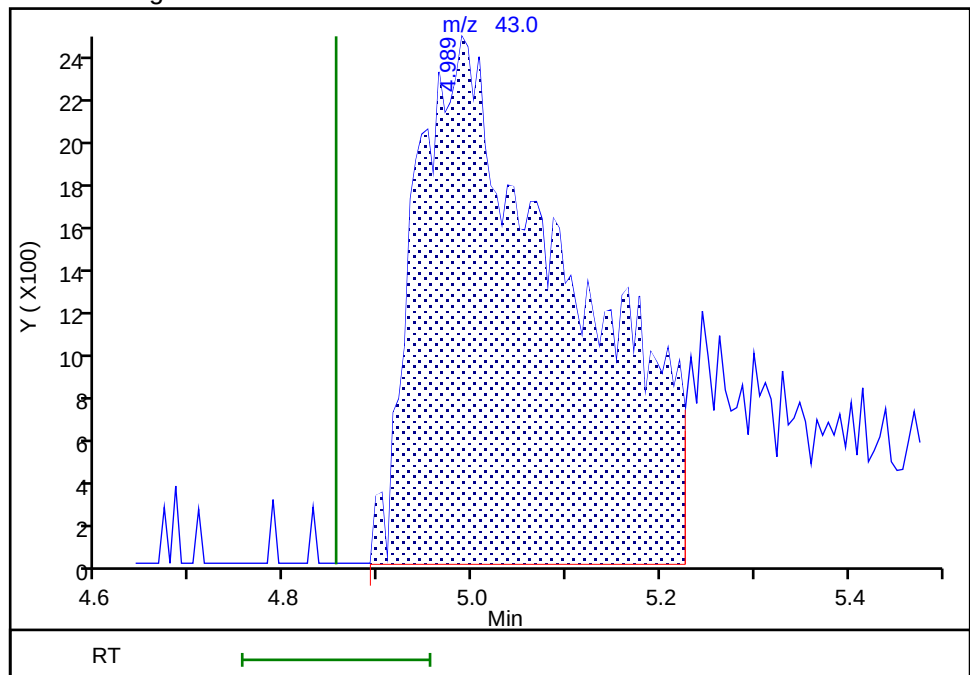
RT: 4.99
Area: 15760
Amount: 0.553985
Amount Units: ug/l

Processing Integration Results



RT: 4.99
Area: 28431
Amount: 0.919808
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 19:58:14 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

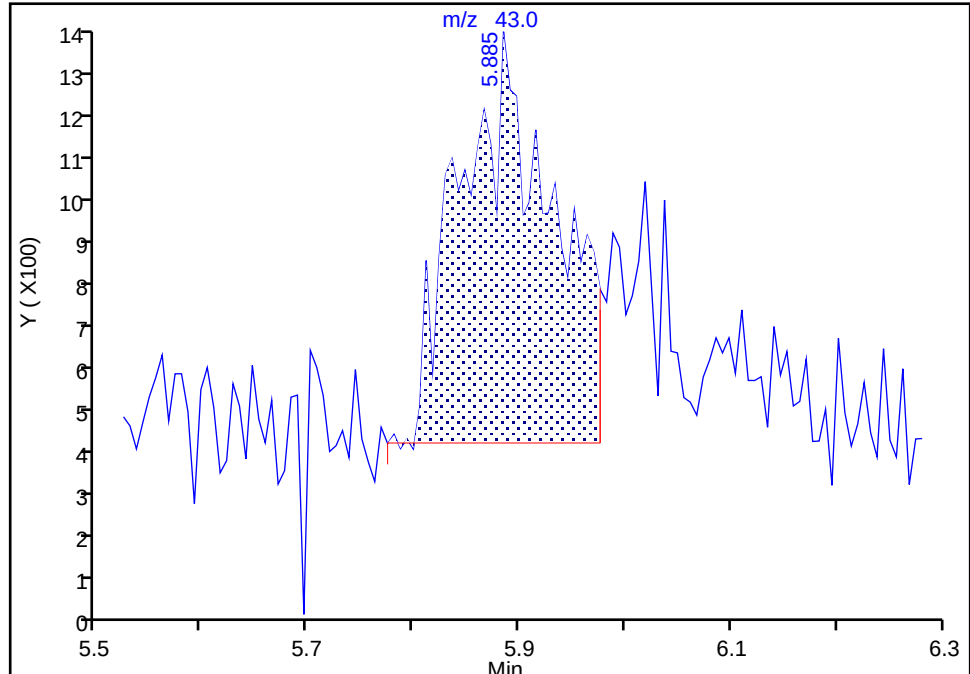
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X04.D
Injection Date: 27-Oct-2025 15:18:30 Instrument ID: 19094
Lims ID: IC std3 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

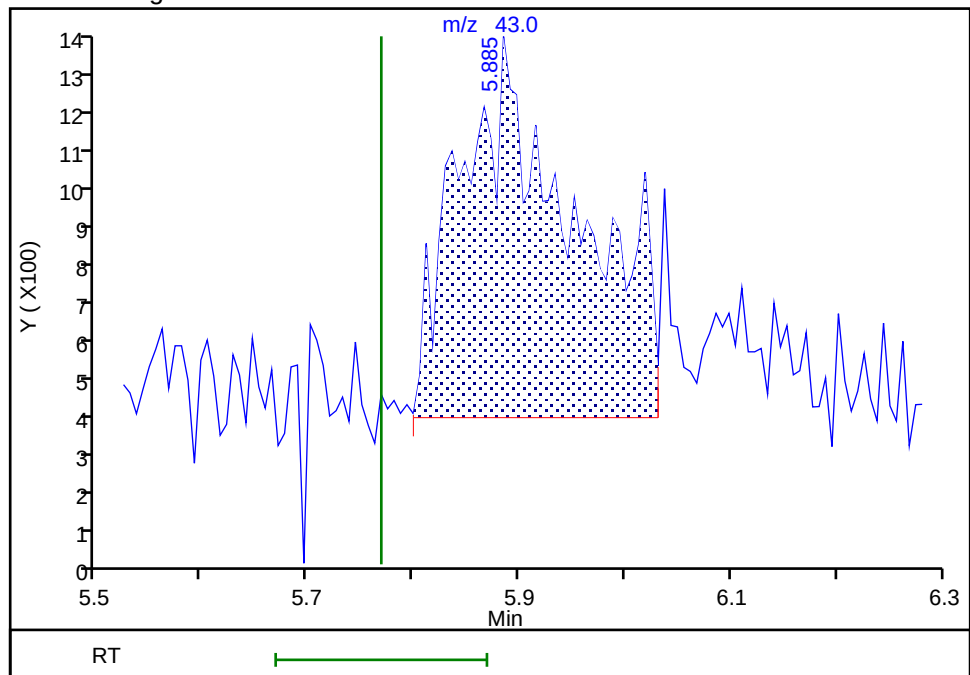
RT: 5.88
Area: 6034
Amount: 0.561625
Amount Units: ug/l

Processing Integration Results



RT: 5.88
Area: 7643
Amount: 0.909095
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 19:51:04 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

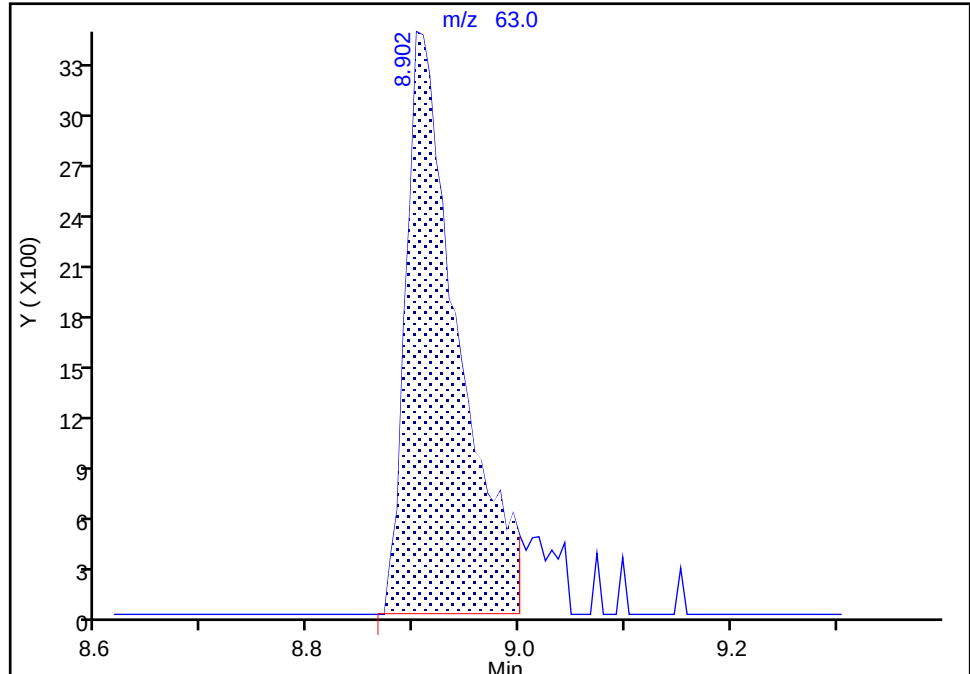
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X04.D
Injection Date: 27-Oct-2025 15:18:30 Instrument ID: 19094
Lims ID: IC std3 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

78 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

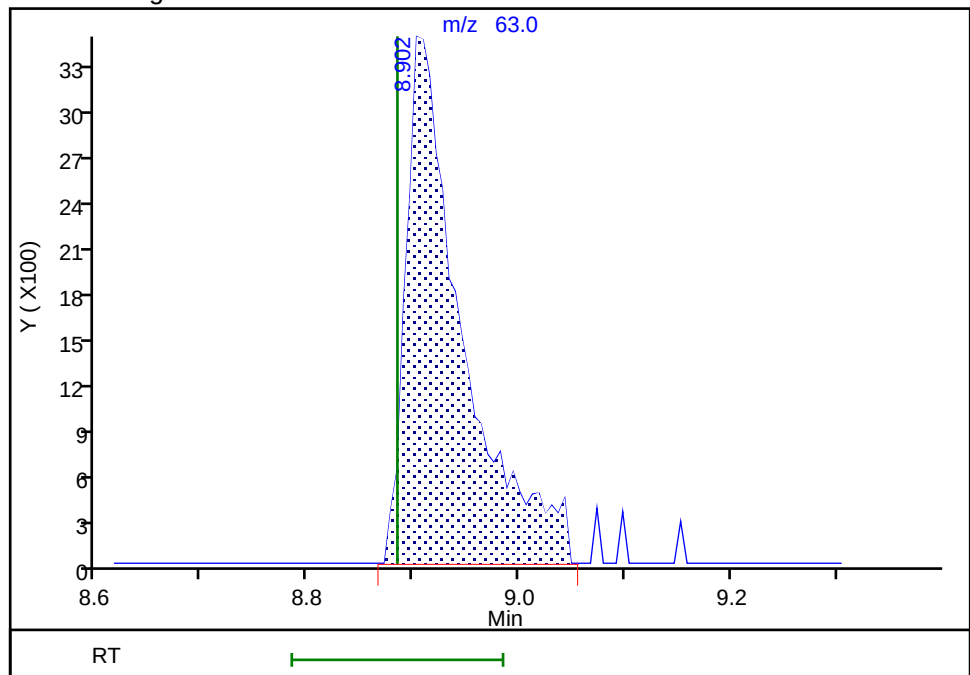
RT: 8.90
Area: 11737
Amount: 0.871847
Amount Units: ug/l

Processing Integration Results



RT: 8.90
Area: 12734
Amount: 0.896887
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 19:49:09 -04:00:00 (UTC)

Audit Action: Manually Integrated

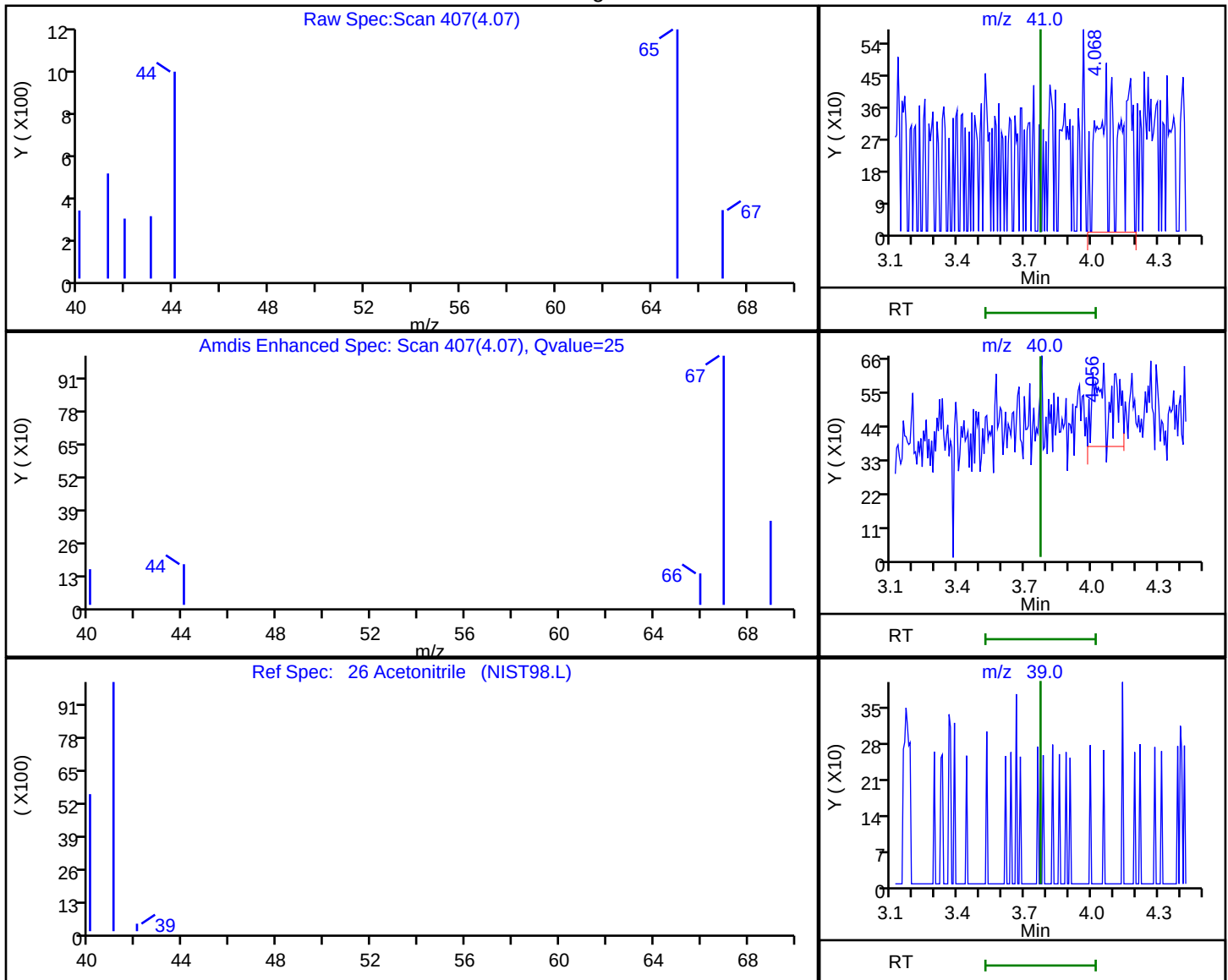
Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X04.D
Injection Date: 27-Oct-2025 15:18:30 Instrument ID: 19094
Lims ID: IC std3 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
4.07	41.00	3225	2.627772
4.06	40.00	1480	
4.23	39.00	0	
4.23	38.00	0	

Reviewer: JS6E, 27-Oct-2025 19:48:52 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X05.D
 Lims ID: IC std4 2
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 27-Oct-2025 15:38:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0164600-006
 Misc. Info.: IC STD4 2
 Operator ID: ecr105096 Instrument ID: 19094
 Sublist: chrom-MSV_19094_25mL*sub49
 Method: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 29-Oct-2025 10:16:46 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JS6E

Date: 27-Oct-2025 19:36:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.788	1.788	0.000	81	57954	2.00	2.11	
3 Chlorodifluoromethane	51	1.831	1.831	0.000	97	159056	2.00	2.05	
4 Dimethyl ether	45	1.880	1.880	0.000	99	125258	2.00	1.89	M
8 2-Chloro-1,1,1-Trifluoroethane	118	2.154	2.154	0.000	35	131881	2.00	2.06	
* 28 t-Butyl alcohol-d10 (IS)	65	3.867	3.867	0.000	1	27189	50.0	50.0	
26 Acetonitrile	41	4.227	4.227	0.000	38	16651	10.0	11.4	M
36 Vinyl acetate	43	4.928	4.928	0.000	98	64560	2.00	1.63	M
45 Ethyl acetate	43	5.824	5.824	0.000	97	19126	2.00	1.55	M
61 Isopropyl acetate	43	7.013	7.013	0.000	98	69894	2.00	1.54	
* 64 Fluorobenzene (IS)	96	7.317	7.317	0.000	98	1908838	10.0	10.0	
75 n-Propyl acetate	61	8.360	8.360	0.000	98	11948	2.00	1.73	M
78 2-Chloroethyl vinyl ether	63	8.903	8.903	0.000	92	32909	2.00	2.31	
110 n-Butyl acetate	43	10.347	10.347	0.000	98	61295	2.00	1.63	
* 113 Chlorobenzene-d5 (IS)	117	10.927	10.927	0.000	87	1367646	10.0	10.0	
124 cis-1,4-Dichloro-2-butene	88	11.853	11.853	0.000	0	31924	4.00	3.91	
125 Cyclohexanone	55	11.884	11.884	0.000	88	16926	100.0	97.0	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	726634	10.0	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_V5ACE_00055	Amount Added: 1.00	Units: uL
MSV_CCV_CYC_00012	Amount Added: 8.00	Units: uL
MSV_V_SMRV4_00094	Amount Added: 5.00	Units: uL
MSV_DME_00070	Amount Added: 1.00	Units: uL
MSV_LLcentISO_00012	Amount Added: 5.00	Units: uL

Report Date: 29-Oct-2025 10:16:47

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X05.D

Injection Date: 27-Oct-2025 15:38:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: IC std4 2

Worklist Smp#: 6

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

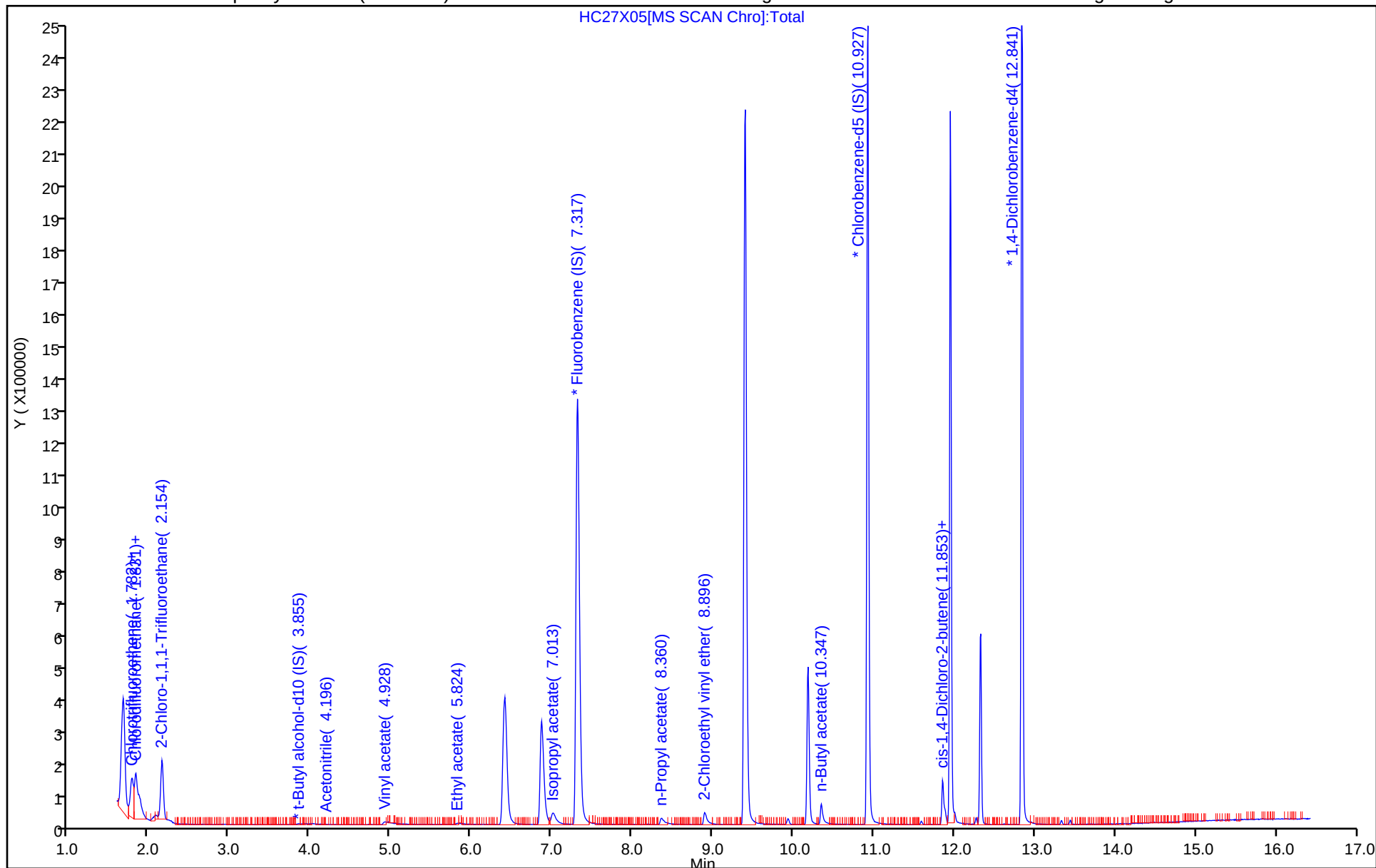
ALS Bottle#: 5

Method: MSV_19094_25mL

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

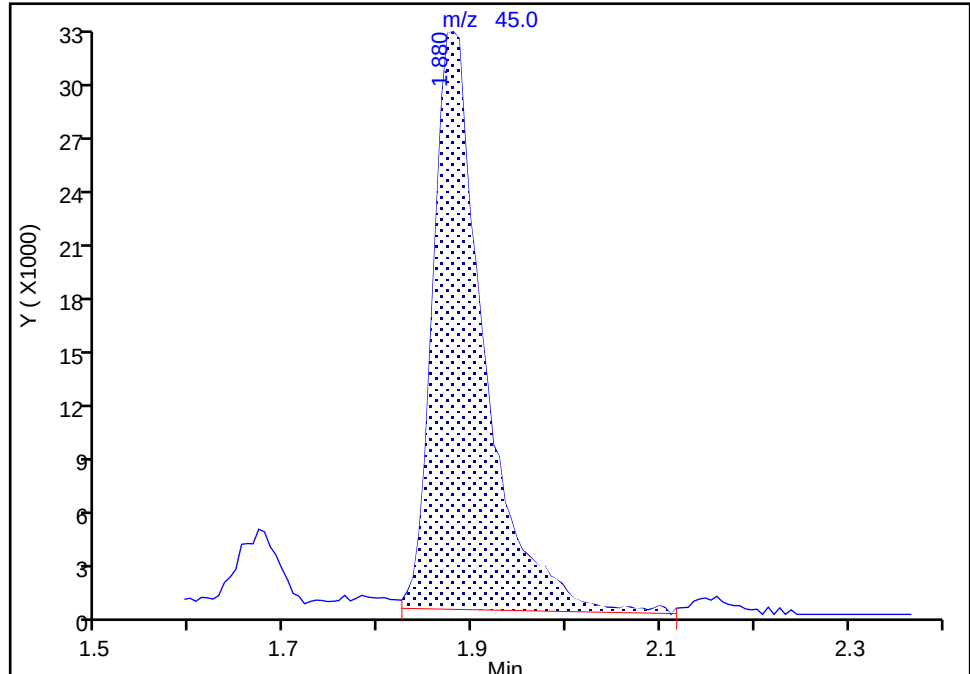
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X05.D
Injection Date: 27-Oct-2025 15:38:30 Instrument ID: 19094
Lims ID: IC std4 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

4 Dimethyl ether, CAS: 115-10-6

Signal: 1

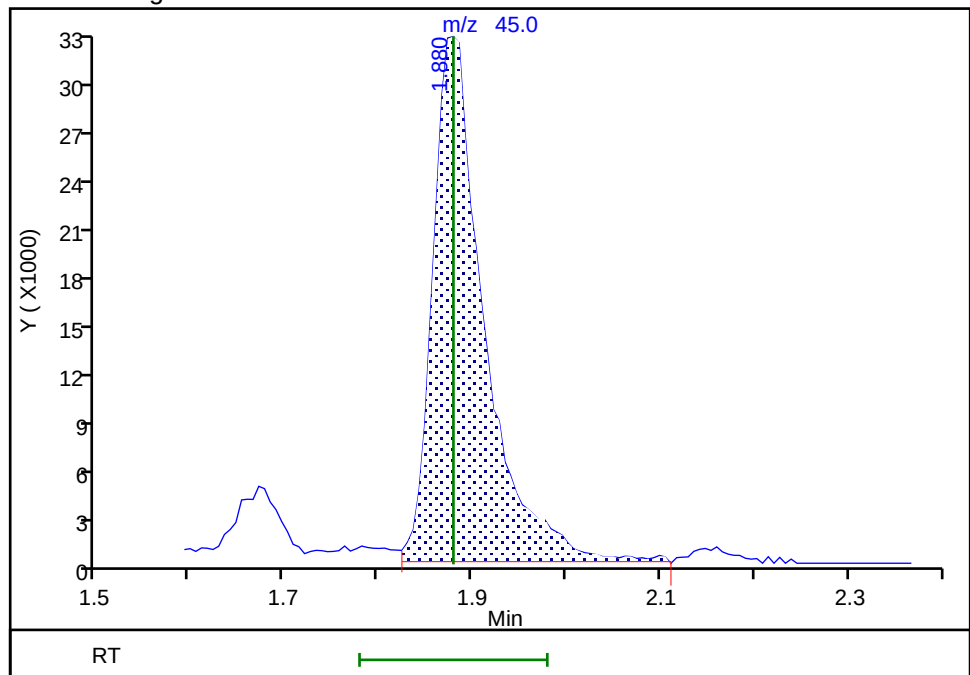
RT: 1.88
Area: 122654
Amount: 1.855199
Amount Units: ug/l

Processing Integration Results



RT: 1.88
Area: 125258
Amount: 1.891855
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 19:40:03 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

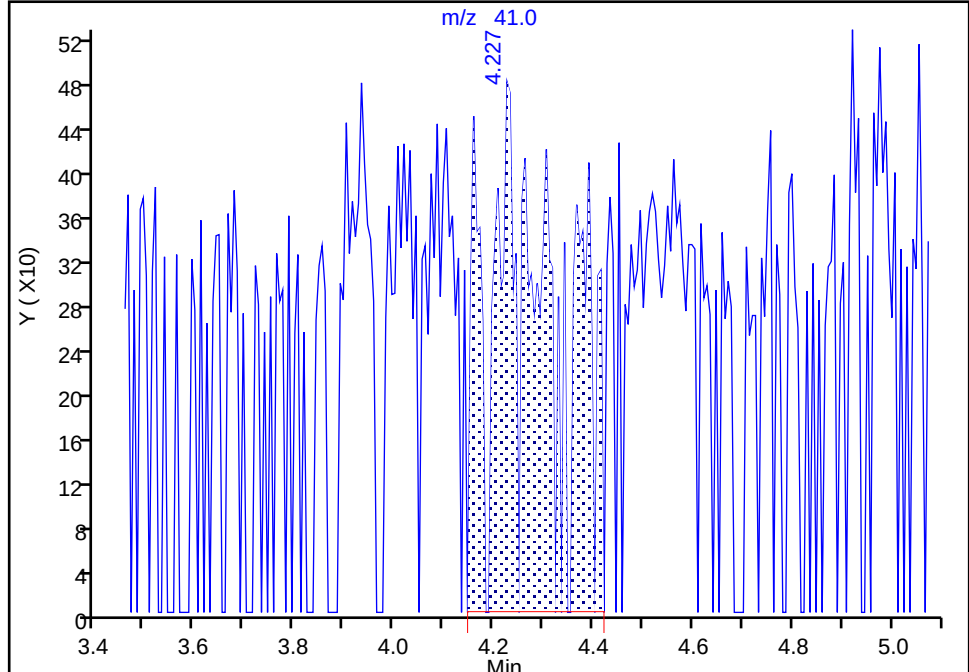
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X05.D
Injection Date: 27-Oct-2025 15:38:30 Instrument ID: 19094
Lims ID: IC std4 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

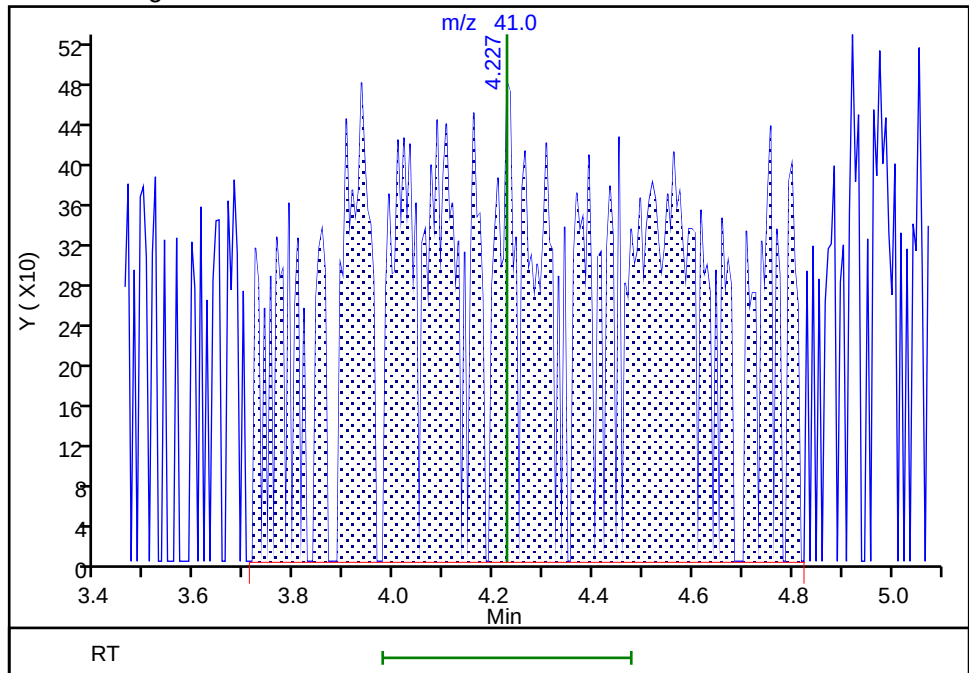
RT: 4.23
Area: 4353
Amount: 4.123768
Amount Units: ug/l

Processing Integration Results



RT: 4.23
Area: 16651
Amount: 11.437405
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 19:40:19 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

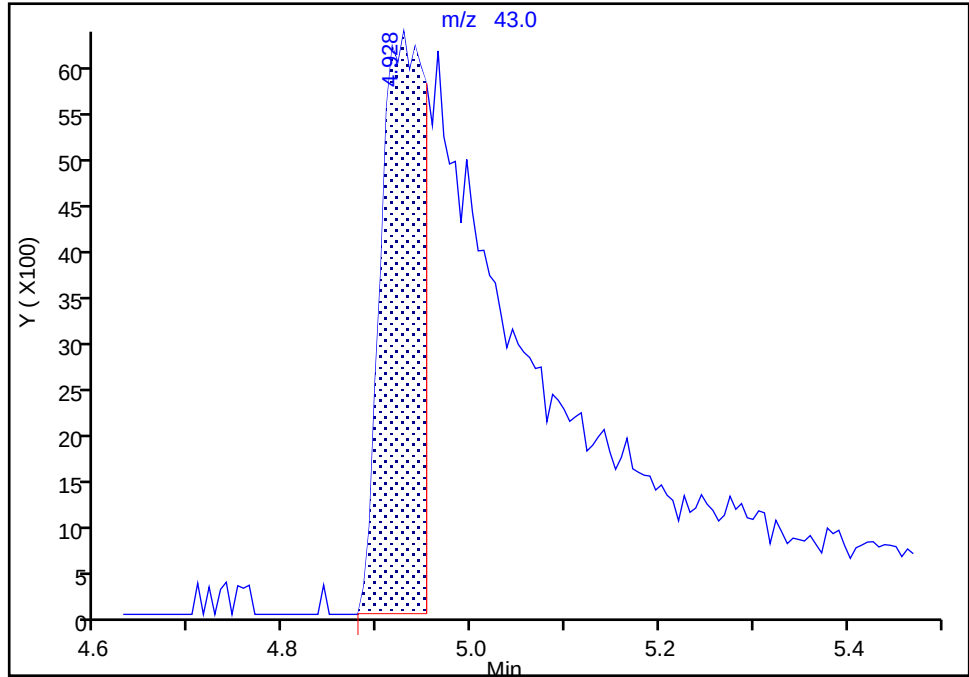
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X05.D
Injection Date: 27-Oct-2025 15:38:30 Instrument ID: 19094
Lims ID: IC std4 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

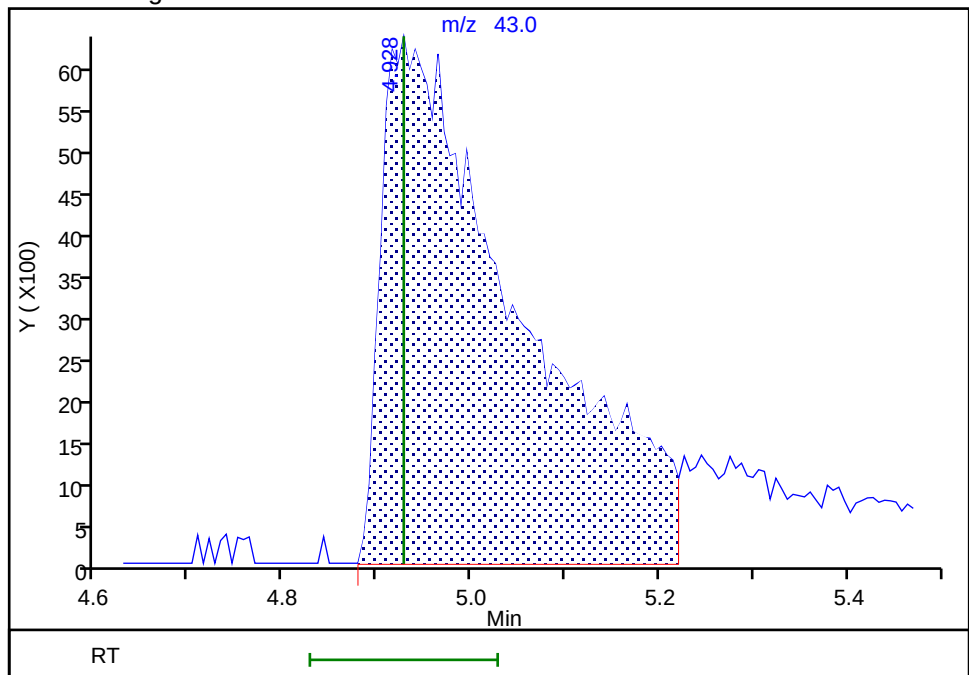
RT: 4.93
Area: 20277
Amount: 0.798998
Amount Units: ug/l

Processing Integration Results



RT: 4.93
Area: 64560
Amount: 1.625443
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 19:58:02 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

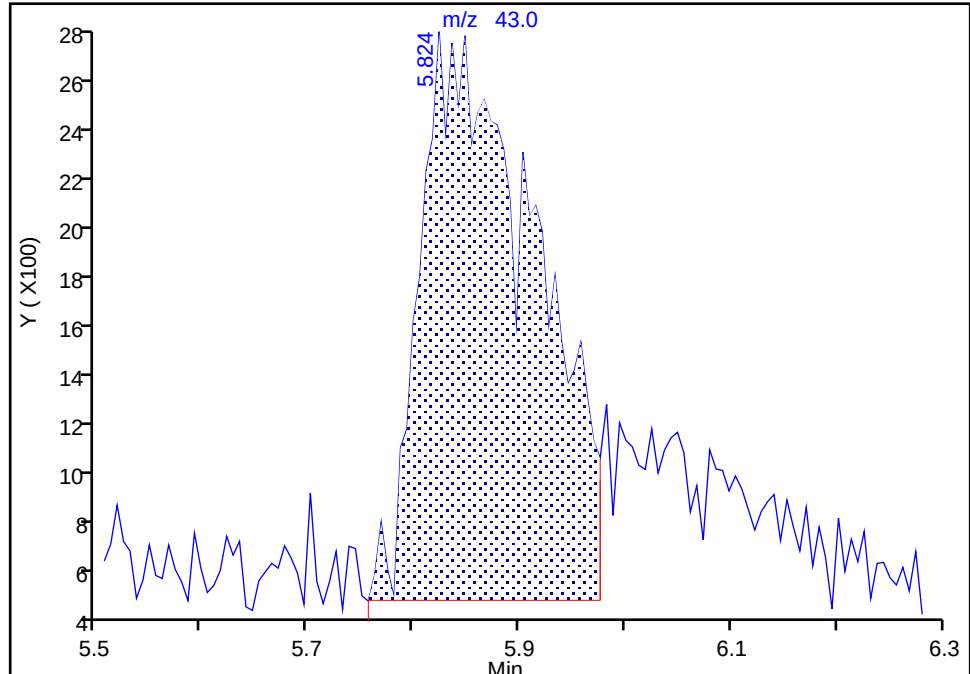
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X05.D
Injection Date: 27-Oct-2025 15:38:30 Instrument ID: 19094
Lims ID: IC std4 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

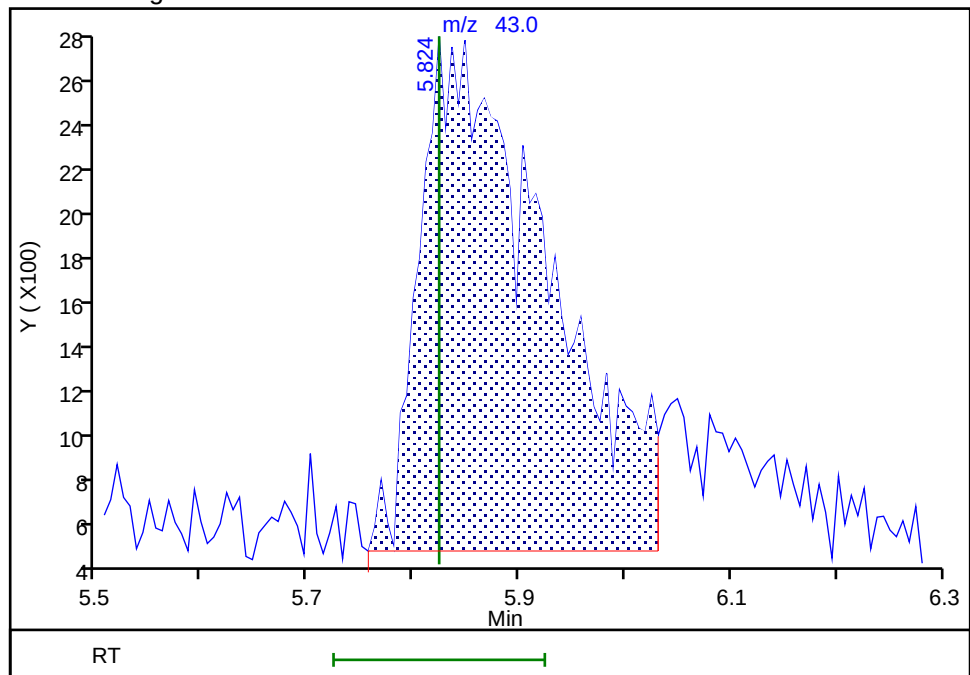
RT: 5.82
Area: 17170
Amount: 1.613858
Amount Units: ug/l

Processing Integration Results



RT: 5.82
Area: 19126
Amount: 1.549154
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 19:41:28 -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\19094\20251027-164600.b\HC27X06.D
 Lims ID: IC std5 5
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 27-Oct-2025 15:59:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0164600-007
 Misc. Info.: IC STD5 5
 Operator ID: ecr105096 Instrument ID: 19094
 Sublist: chrom-MSV_19094_25mL*sub49
 Method: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 29-Oct-2025 10:16:52 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JS6E

Date: 27-Oct-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	1.782	1.788	-0.006	93	137999	5.00	5.04	
3 Chlorodifluoromethane	51	1.824	1.831	-0.007	97	374341	5.00	4.85	
4 Dimethyl ether	45	1.867	1.880	-0.013	99	326717	5.00	4.95	M
8 2-Chloro-1,1,1-Trifluoroethane	118	2.148	2.154	-0.006	38	318136	5.00	4.99	
* 28 t-Butyl alcohol-d10 (IS)	65	3.830	3.867	-0.037	30	49536	50.0	50.0	
26 Acetonitrile	41	3.794	4.227	-0.433	18	41728	25.0	28.8	M
36 Vinyl acetate	43	4.867	4.928	-0.061	97	226231	5.00	4.81	
45 Ethyl acetate	43	5.787	5.824	-0.037	98	73763	5.00	4.61	
61 Isopropyl acetate	43	7.000	7.013	-0.013	98	231064	5.00	5.10	
* 64 Fluorobenzene (IS)	96	7.317	7.317	0.000	99	1902681	10.0	10.0	
75 n-Propyl acetate	61	8.341	8.360	-0.019	98	41731	5.00	4.89	
78 2-Chloroethyl vinyl ether	63	8.890	8.903	-0.013	92	78359	5.00	5.52	
110 n-Butyl acetate	43	10.341	10.347	-0.006	98	208708	5.00	5.54	
* 113 Chlorobenzene-d5 (IS)	117	10.926	10.927	0.000	87	1370114	10.0	10.0	
124 cis-1,4-Dichloro-2-butene	88	11.853	11.853	0.000	0	88559	10.0	10.8	
125 Cyclohexanone	55	11.877	11.884	-0.007	92	79799	250.0	251.1	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	729952	10.0	10.0	

QC Flag Legend

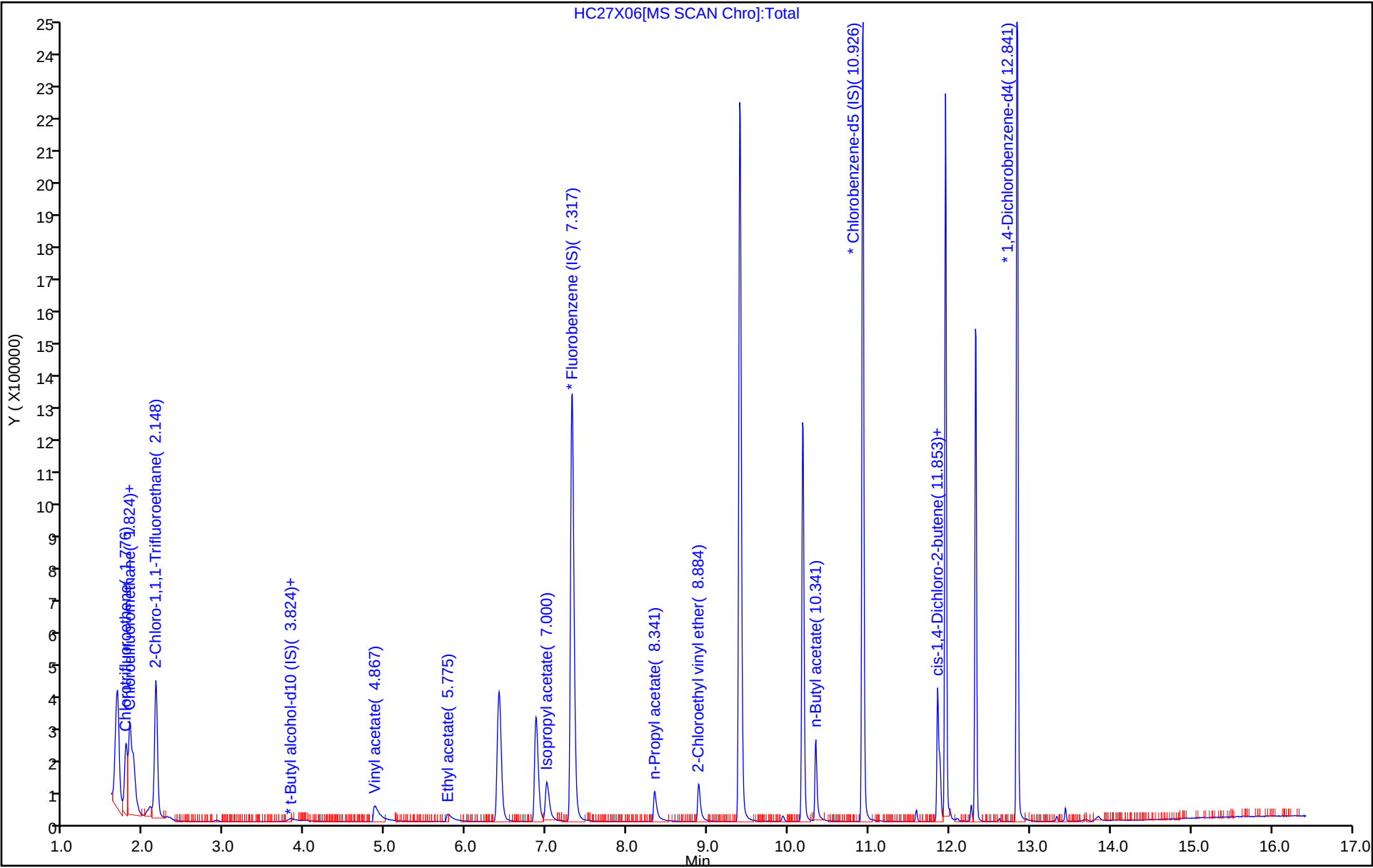
Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_V5ACE_00055	Amount Added: 1.00	Units: uL
MSV_CCV_CYC_00012	Amount Added: 8.00	Units: uL
MSV_V_SMRV4_00094	Amount Added: 5.00	Units: uL
MSV_DME_00070	Amount Added: 1.00	Units: uL
MSV_LLcentISO_00012	Amount Added: 5.00	Units: uL



Eurofins Lancaster Laboratories Environment Testing, LLC

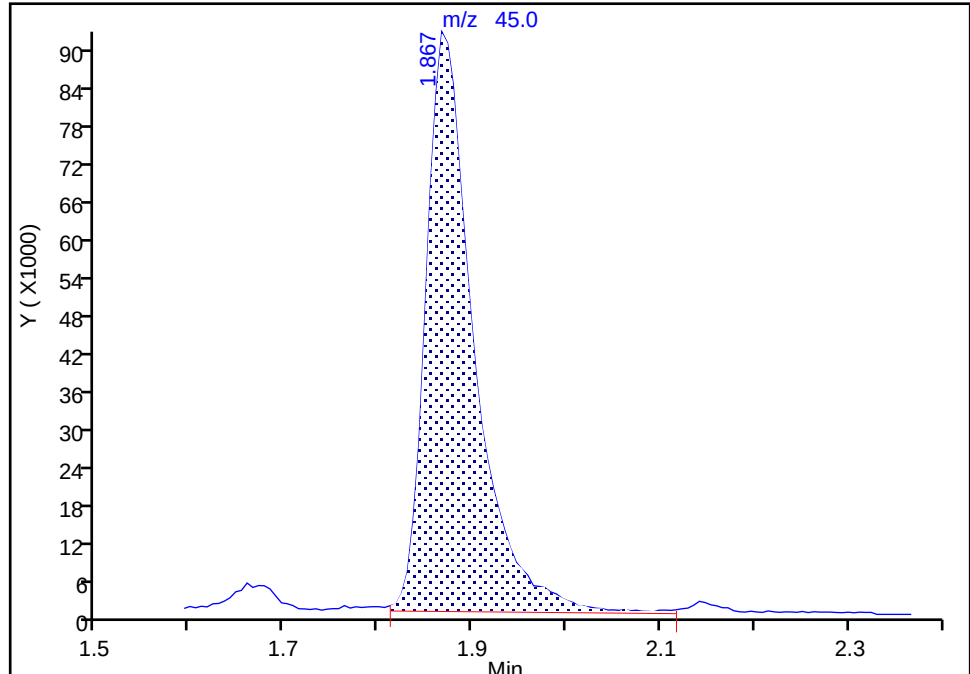
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X06.D
Injection Date: 27-Oct-2025 15:59:30 Instrument ID: 19094
Lims ID: IC std5 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

4 Dimethyl ether, CAS: 115-10-6

Signal: 1

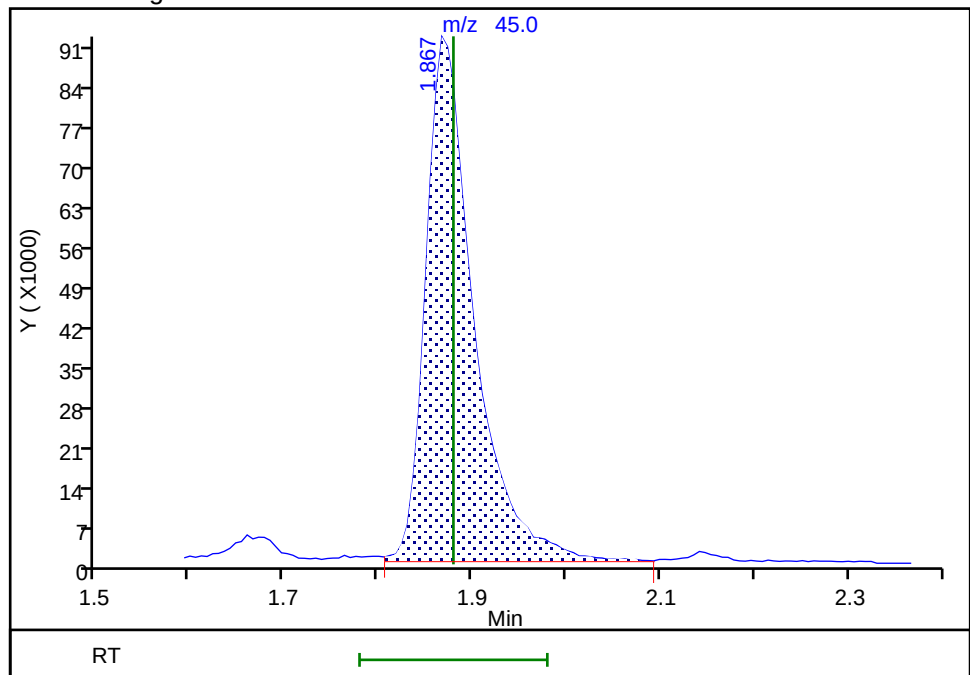
RT: 1.87
Area: 330616
Amount: 5.008437
Amount Units: ug/l

Processing Integration Results



RT: 1.87
Area: 326717
Amount: 4.950593
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 19:39:21 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

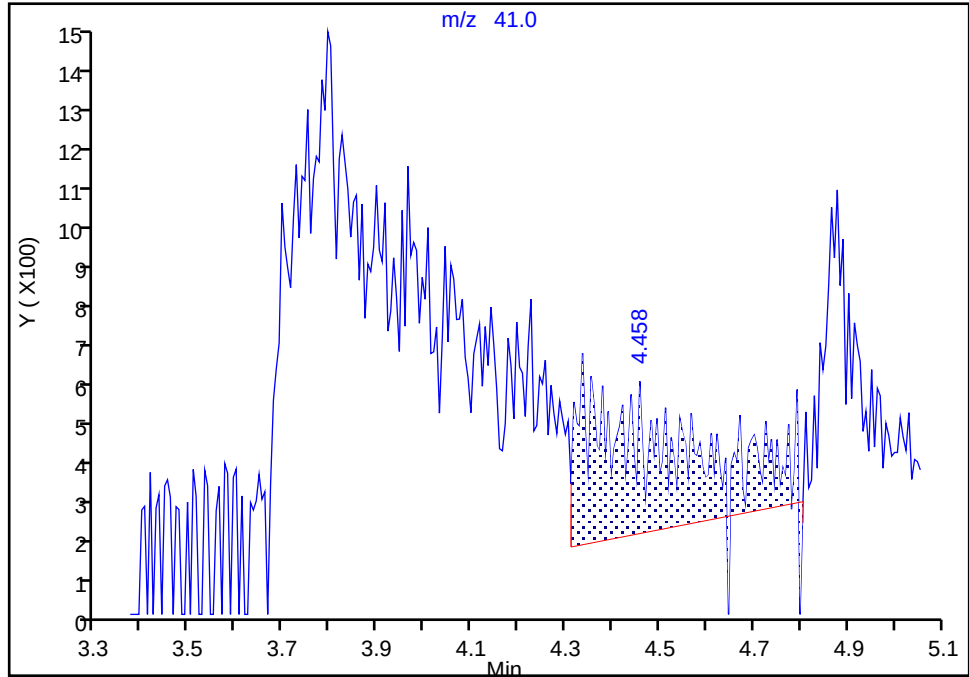
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X06.D
Injection Date: 27-Oct-2025 15:59:30 Instrument ID: 19094
Lims ID: IC std5 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

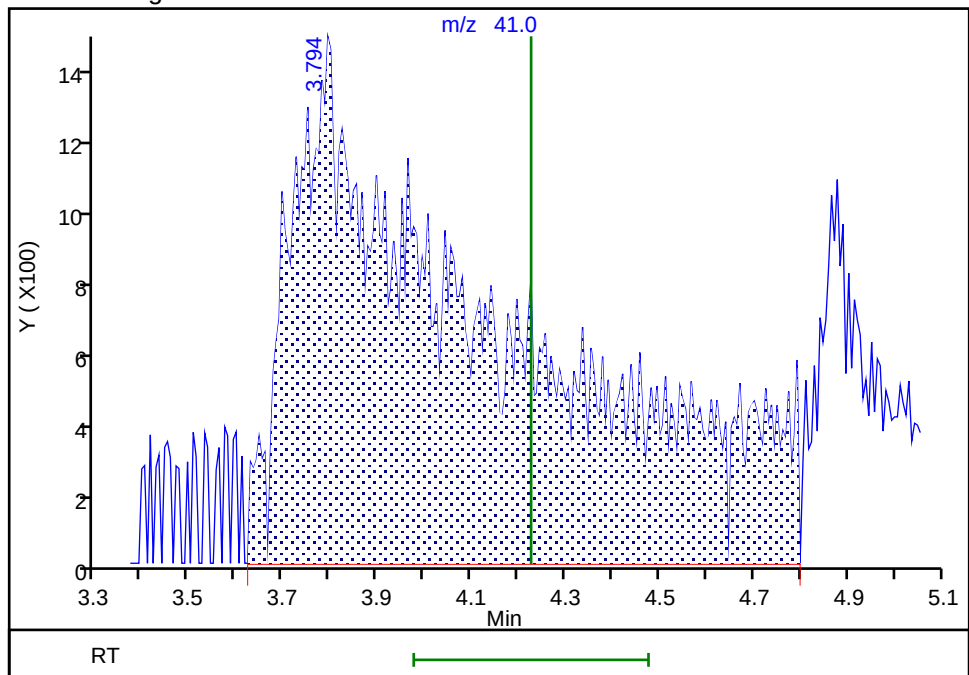
RT: 4.46
Area: 5105
Amount: 6.056409
Amount Units: ug/l

Processing Integration Results



RT: 3.79
Area: 41728
Amount: 28.755297
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 19:39:31 -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\19094\20251027-164600.b\HC27X07.D
 Lims ID: IC std6 10
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 27-Oct-2025 16:20:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0164600-008
 Misc. Info.: IC STD6 10
 Operator ID: ecr105096 Instrument ID: 19094
 Sublist: chrom-MSV_19094_25mL*sub49
 Method: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 29-Oct-2025 10:16:59 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JS6E

Date: 27-Oct-2025 16:58:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.782	1.782	0.000	92	270769	10.0	9.66	
3 Chlorodifluoromethane	51	1.831	1.831	0.000	97	741374	10.0	9.37	
4 Dimethyl ether	45	1.873	1.873	0.000	99	620210	10.0	9.17	M
8 2-Chloro-1,1,1-Trifluoroethane	118	2.154	2.154	0.000	35	640971	10.0	9.81	
26 Acetonitrile	41	3.769	3.769	0.000	19	70268	50.0	47.3	M
* 28 t-Butyl alcohol-d10 (IS)	65	3.837	3.837	0.000	23	52536	50.0	50.0	
36 Vinyl acetate	43	4.855	4.855	0.000	97	498971	10.0	9.93	
45 Ethyl acetate	43	5.769	5.769	0.000	99	175717	10.0	10.1	
61 Isopropyl acetate	43	7.001	7.001	0.000	98	484405	10.0	10.4	
* 64 Fluorobenzene (IS)	96	7.318	7.318	0.000	99	1949268	10.0	10.0	
75 n-Propyl acetate	61	8.336	8.336	0.000	99	92516	10.0	10.0	
78 2-Chloroethyl vinyl ether	63	8.884	8.884	0.000	92	167794	10.0	11.5	
110 n-Butyl acetate	43	10.335	10.335	0.000	98	433770	10.0	11.3	
* 113 Chlorobenzene-d5 (IS)	117	10.927	10.927	0.000	87	1398121	10.0	10.0	
124 cis-1,4-Dichloro-2-butene	88	11.853	11.853	0.000	0	189294	20.0	22.7	
125 Cyclohexanone	55	11.878	11.878	0.000	92	150050	500.0	445.3	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	766571	10.0	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_V5ACE_00055	Amount Added: 1.00	Units: uL
MSV_CCV_CYC_00012	Amount Added: 8.00	Units: uL
MSV_V_SMRV4_00094	Amount Added: 5.00	Units: uL
MSV_DME_00070	Amount Added: 1.00	Units: uL
MSV_LLcentISO_00012	Amount Added: 5.00	Units: uL

Report Date: 29-Oct-2025 10:17:00

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X07.D

Injection Date: 27-Oct-2025 16:20:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: IC std6 10

Worklist Smp#: 8

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

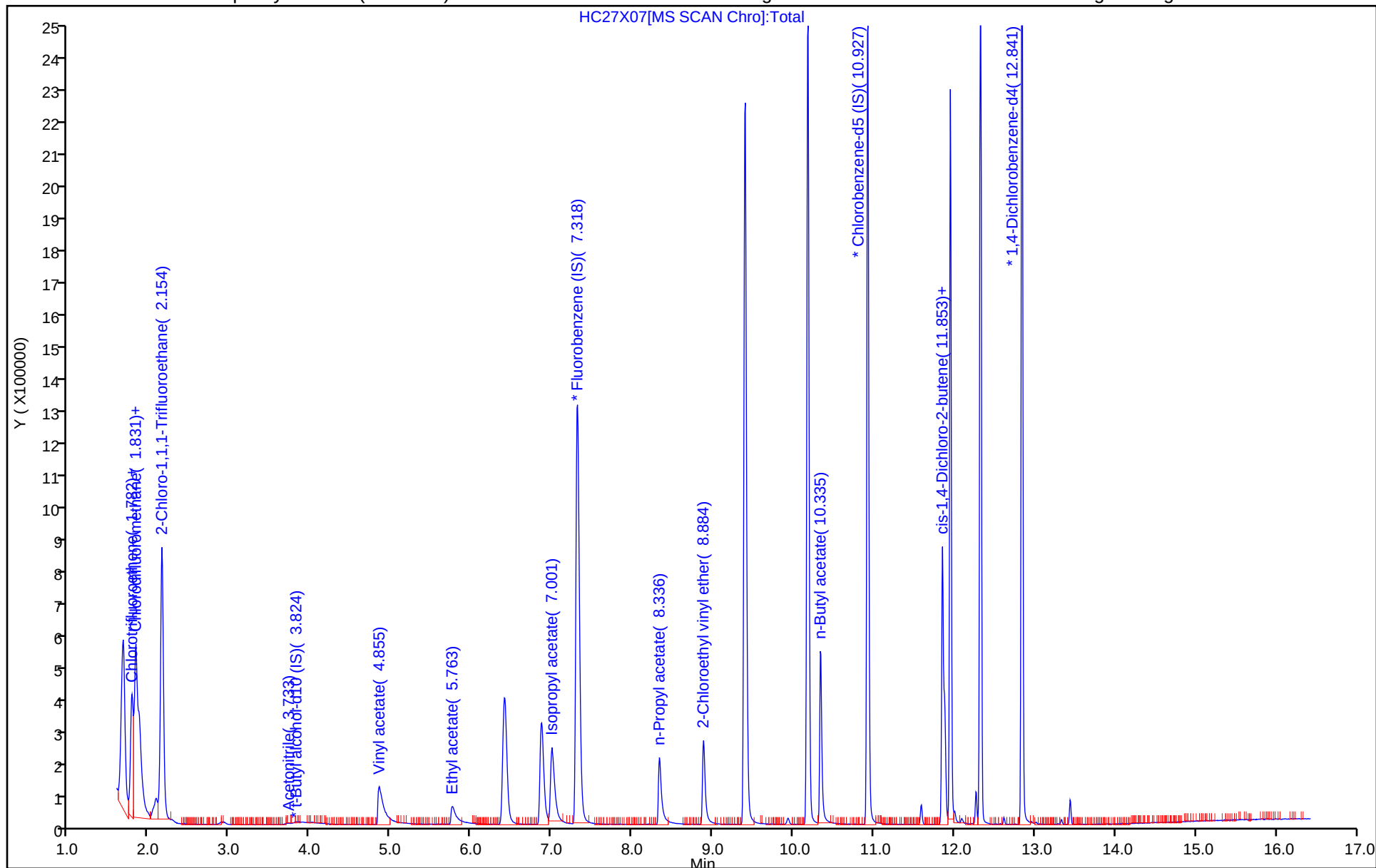
ALS Bottle#: 7

Method: MSV_19094_25mL

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

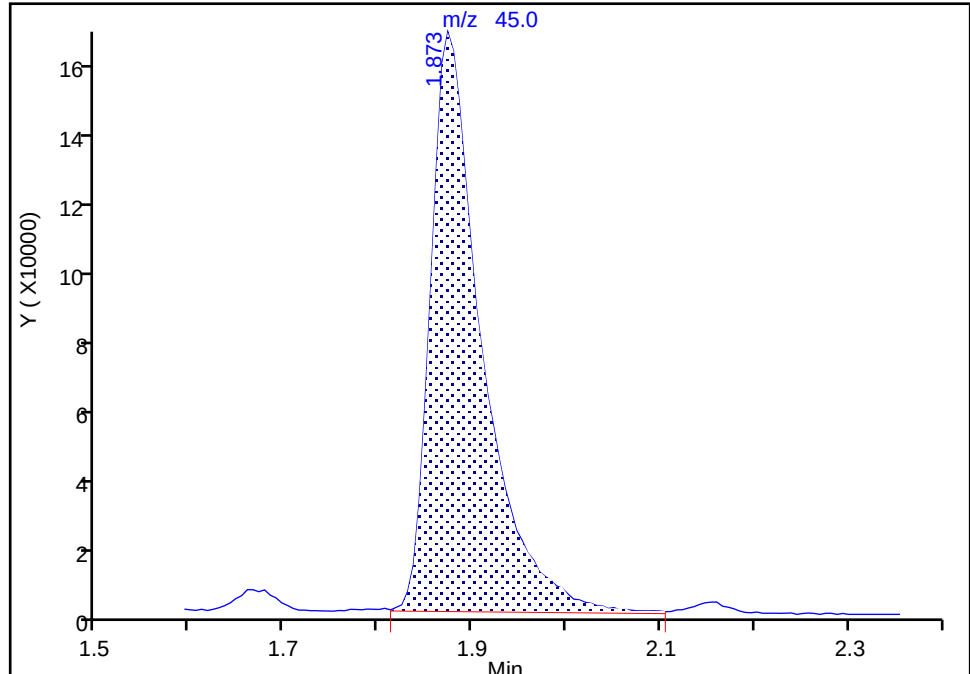
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X07.D
Injection Date: 27-Oct-2025 16:20:30 Instrument ID: 19094
Lims ID: IC std6 10
Client ID:
Operator ID: ecr105096 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

4 Dimethyl ether, CAS: 115-10-6

Signal: 1

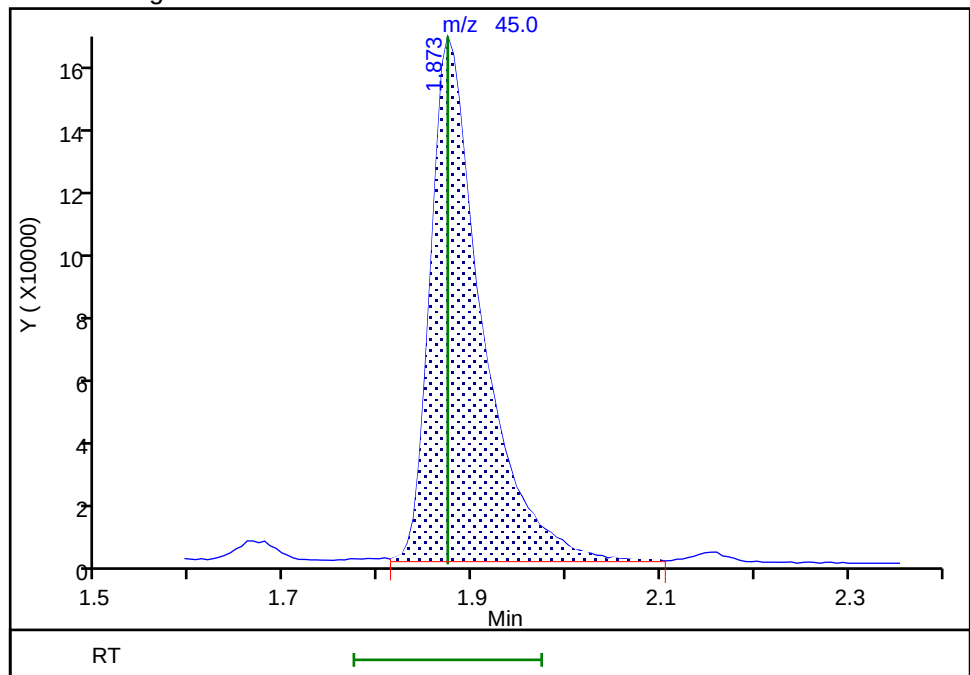
RT: 1.87
Area: 627872
Amount: 9.094541
Amount Units: ug/l

Processing Integration Results



RT: 1.87
Area: 620210
Amount: 9.173154
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 16:57:02 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

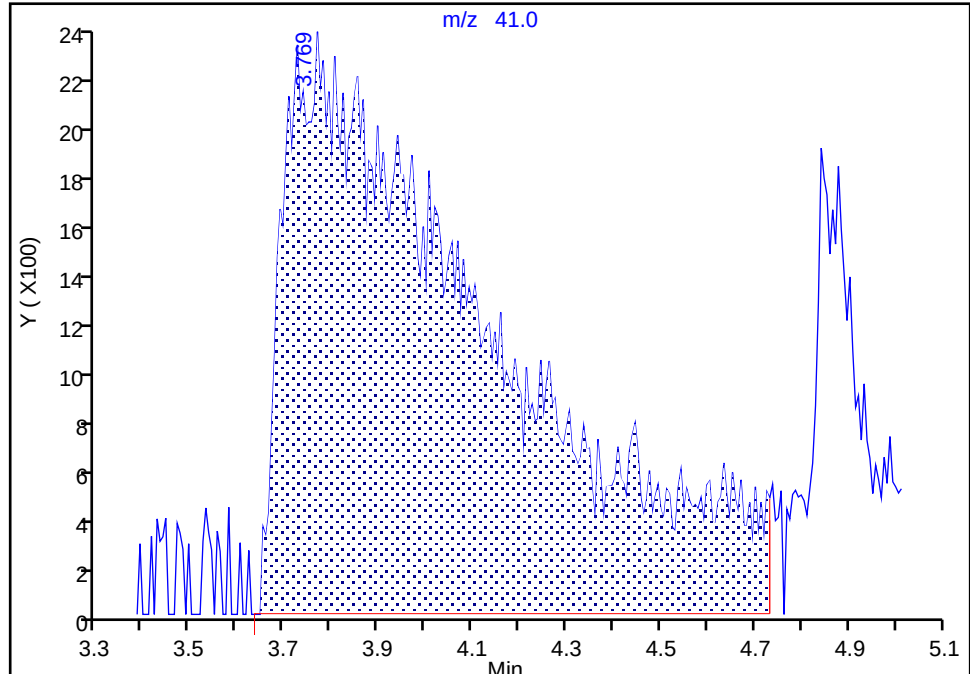
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X07.D
Injection Date: 27-Oct-2025 16:20:30 Instrument ID: 19094
Lims ID: IC std6 10
Client ID:
Operator ID: ecr105096 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

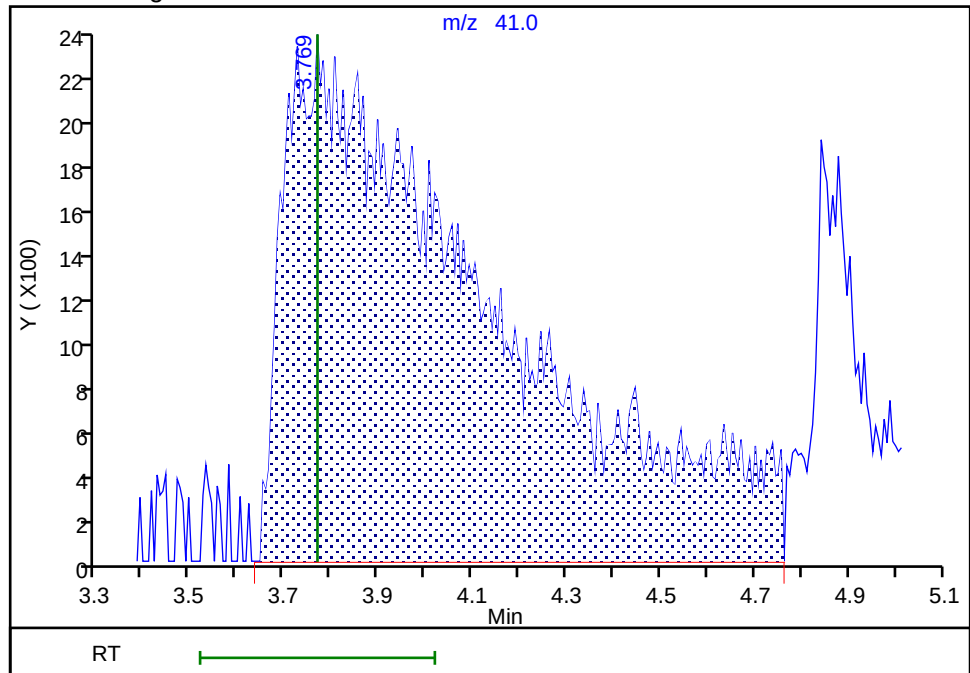
RT: 3.77
Area: 69614
Amount: 36.938275
Amount Units: ug/l

Processing Integration Results



RT: 3.77
Area: 70268
Amount: 47.265288
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 16:57:14 -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\19094\20251027-164600.b\HC27X08.D
 Lims ID: IC std7 25
 Client ID:
 Sample Type: IC Calib Level: 9
 Inject. Date: 27-Oct-2025 16:40:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0164600-009
 Misc. Info.: IC STD7 25
 Operator ID: ecr105096 Instrument ID: 19094
 Sublist: chrom-MSV_19094_25mL*sub49
 Method: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 29-Oct-2025 10:17:06 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JS6E

Date: 27-Oct-2025 18:02:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.782	1.782	0.000	93	653749	25.0	23.5	
3 Chlorodifluoromethane	51	1.837	1.831	0.006	97	1796160	25.0	22.8	
4 Dimethyl ether	45	1.880	1.873	0.007	99	1489752	25.0	22.2	
8 2-Chloro-1,1,1-Trifluoroethane	118	2.160	2.154	0.006	35	1566589	25.0	24.1	
26 Acetonitrile	41	3.672	3.769	-0.097	99	140563	125.0	95.1	a
* 28 t-Butyl alcohol-d10 (IS)	65	3.849	3.837	0.012	28	38671	50.0	50.0	
36 Vinyl acetate	43	4.842	4.855	-0.013	97	1307399	25.0	25.6	
45 Ethyl acetate	43	5.751	5.769	-0.018	99	457579	25.0	25.7	
61 Isopropyl acetate	43	7.001	7.001	0.000	98	1197367	25.0	26.0	
* 64 Fluorobenzene (IS)	96	7.318	7.318	0.000	99	1938117	10.0	10.0	
75 n-Propyl acetate	61	8.330	8.336	-0.006	99	238416	25.0	25.3	
78 2-Chloroethyl vinyl ether	63	8.878	8.884	-0.006	92	432696	25.0	29.9	
110 n-Butyl acetate	43	10.335	10.335	0.000	98	1108917	25.0	28.6	
* 113 Chlorobenzene-d5 (IS)	117	10.927	10.927	0.000	87	1411593	10.0	10.0	
124 cis-1,4-Dichloro-2-butene	88	11.853	11.853	0.000	0	468125	50.0	55.5	
125 Cyclohexanone	55	11.878	11.878	0.000	92	290563	1250.0	1171.3	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	757176	10.0	10.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

MSV_CCV_V5ACE_00055	Amount Added: 2.50	Units: uL
MSV_CCV_CYC_00012	Amount Added: 20.00	Units: uL
MSV_V_SMRV4_00094	Amount Added: 12.50	Units: uL
MSV_DME_00070	Amount Added: 2.50	Units: uL
MSV_LLcentISO_00012	Amount Added: 5.00	Units: uL

Report Date: 29-Oct-2025 10:17:07

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X08.D

Injection Date: 27-Oct-2025 16:40:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: IC std7 25

Worklist Smp#: 9

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

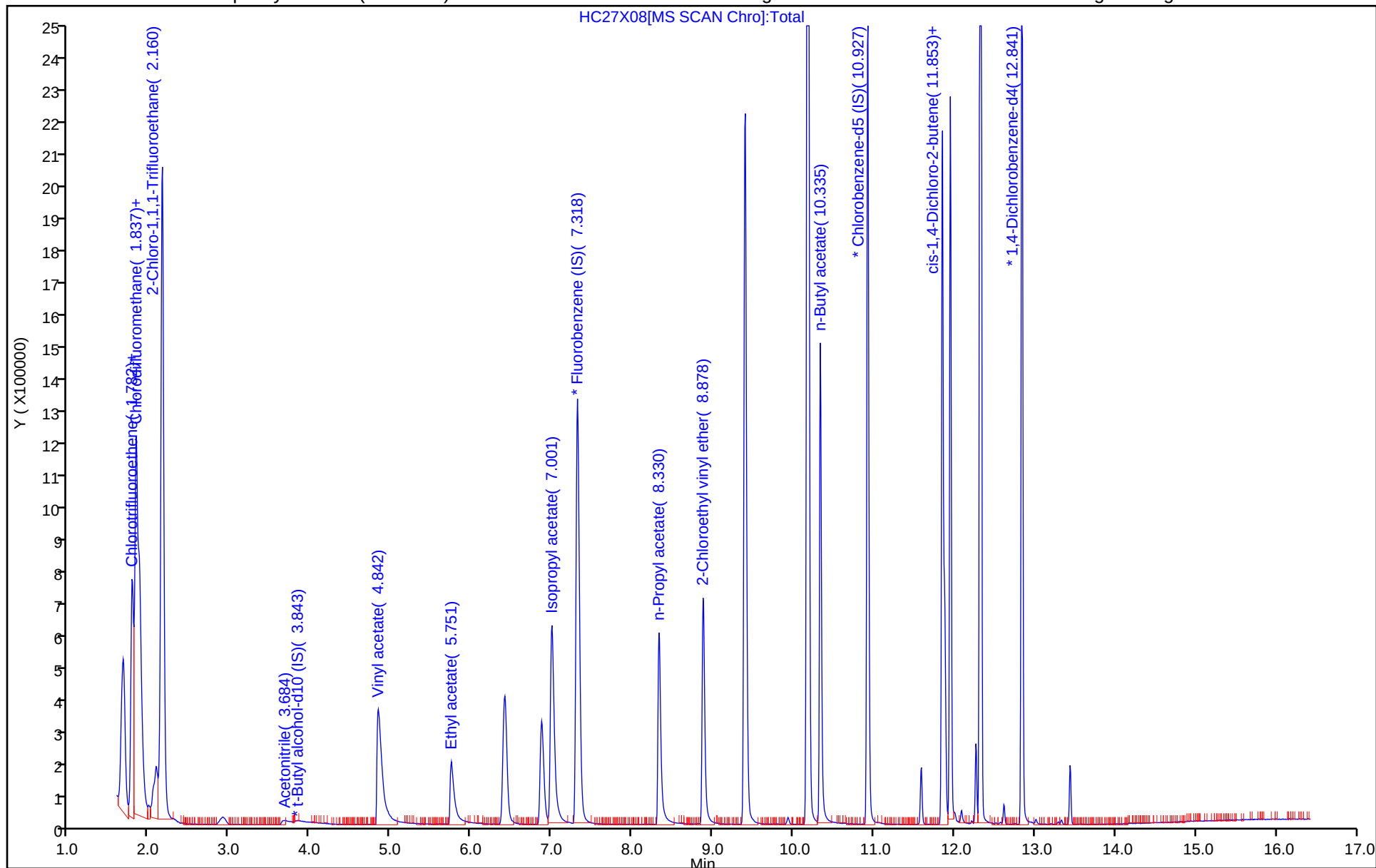
ALS Bottle#: 8

Method: MSV_19094_25mL

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

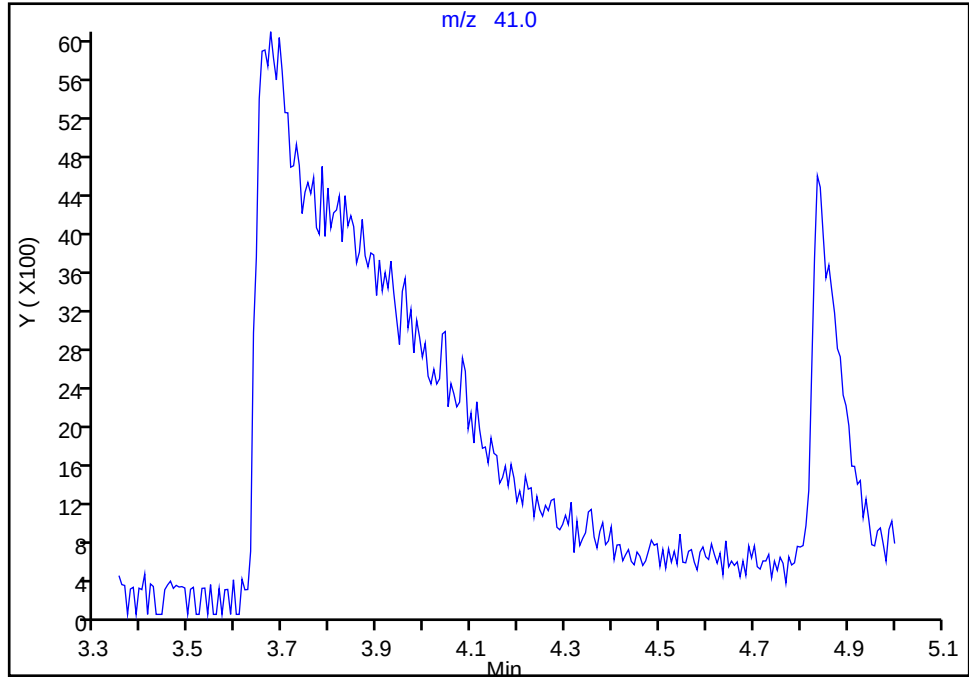
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X08.D
Injection Date: 27-Oct-2025 16:40:30 Instrument ID: 19094
Lims ID: IC std7 25
Client ID:
Operator ID: ecr105096 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

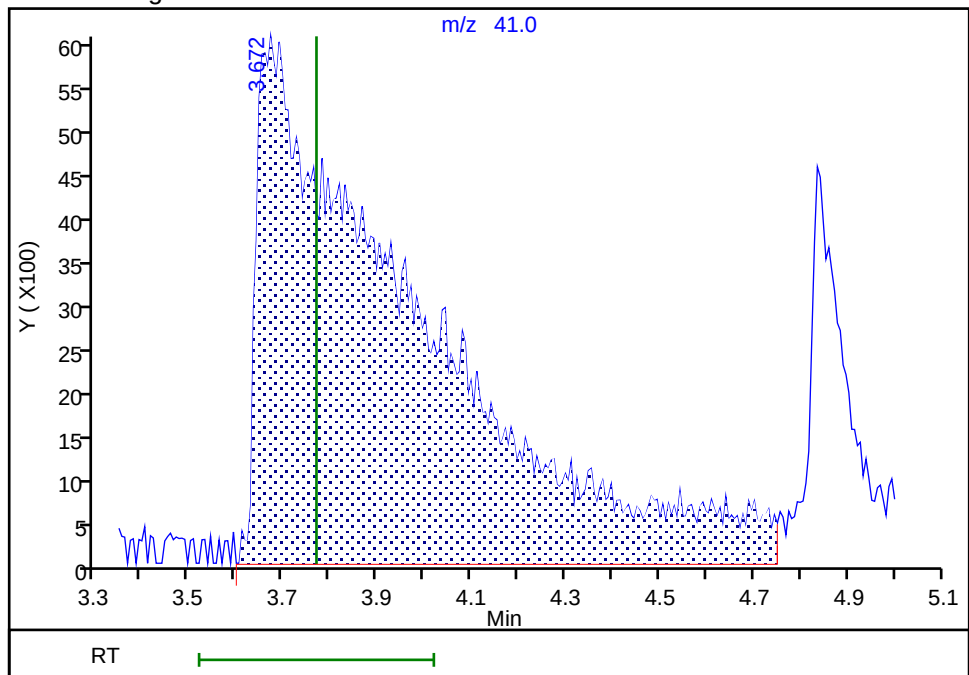
Not Detected
Expected RT: 3.77

Processing Integration Results



RT: 3.67
Area: 140563
Amount: 95.092726
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 19:38:41 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Calibration

/ Chlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

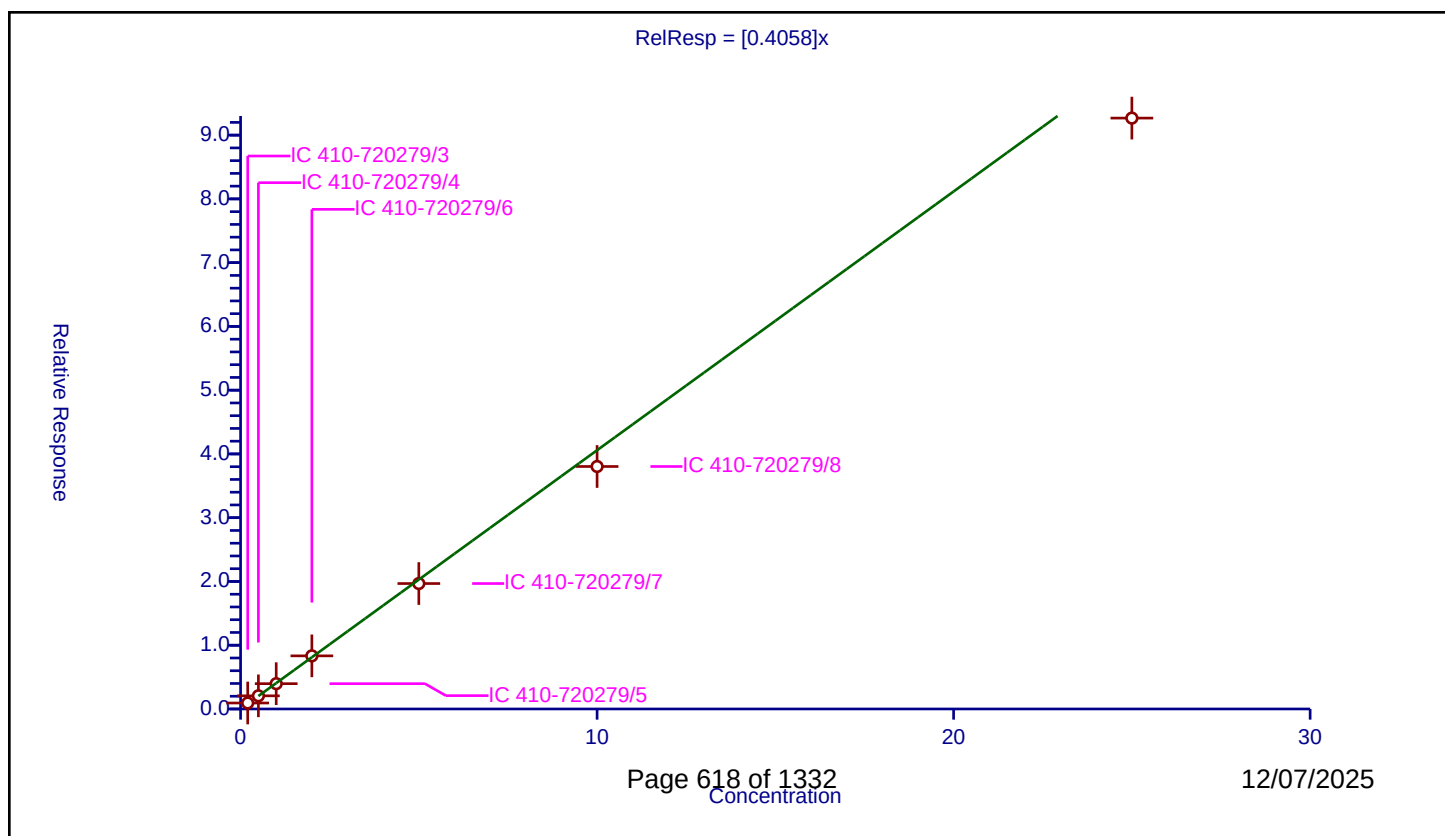
Curve Coefficients

Intercept: 0
Slope: 0.4058

Error Coefficients

Relative Standard Deviation: 8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/3	0.2	0.093969	10.0	1981508.0	0.469844	Y
2	IC 410-720279/4	0.5	0.206306	10.0	1914727.0	0.412612	Y
3	IC 410-720279/5	1.0	0.397174	10.0	1902640.0	0.397174	Y
4	IC 410-720279/6	2.0	0.833261	10.0	1908838.0	0.41663	Y
5	IC 410-720279/7	5.0	1.96744	10.0	1902681.0	0.393488	Y
6	IC 410-720279/8	10.0	3.803346	10.0	1949268.0	0.380335	Y
7	IC 410-720279/9	25.0	9.267552	10.0	1938117.0	0.370702	Y



Calibration

/ Dimethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

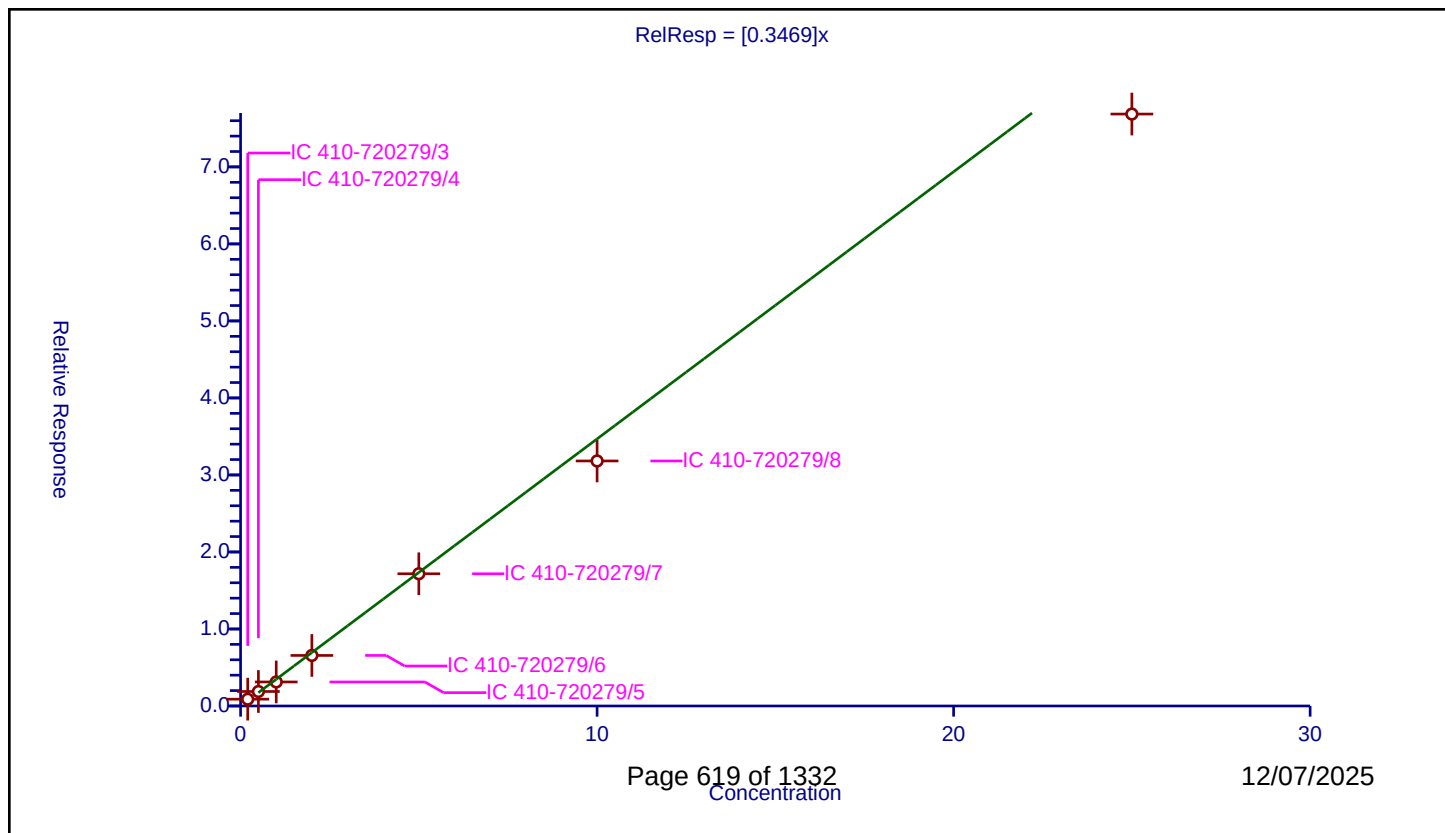
Curve Coefficients

Intercept: 0
Slope: 0.3469

Error Coefficients

Relative Standard Deviation: 13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/3	0.2	0.088529	10.0	1981508.0	0.442643	Y
2	IC 410-720279/4	0.5	0.188042	10.0	1914727.0	0.376085	Y
3	IC 410-720279/5	1.0	0.312093	10.0	1902640.0	0.312093	Y
4	IC 410-720279/6	2.0	0.6562	10.0	1908838.0	0.3281	Y
5	IC 410-720279/7	5.0	1.71714	10.0	1902681.0	0.343428	Y
6	IC 410-720279/8	10.0	3.181758	10.0	1949268.0	0.318176	Y
7	IC 410-720279/9	25.0	7.686595	10.0	1938117.0	0.307464	Y



Calibration

/ Acetonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

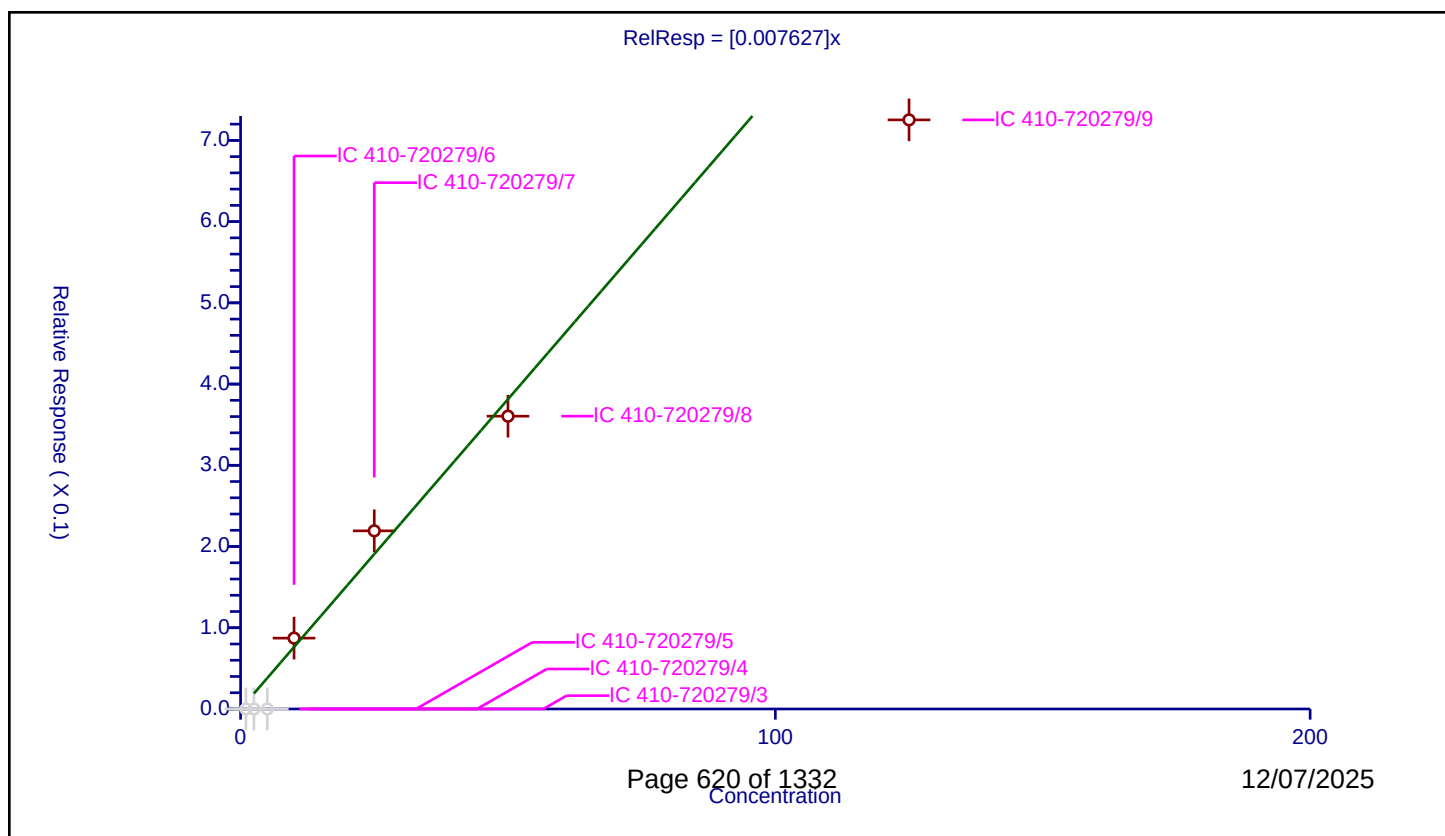
Curve Coefficients

Intercept: 0
Slope: 0.007627

Error Coefficients

Relative Standard Deviation: 18.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/3	1.0	0.0	10.0	1981508.0	0.0	N
2	IC 410-720279/4	2.5	0.0	10.0	1914727.0	0.0	N
3	IC 410-720279/5	5.0	0.0	10.0	1902640.0	0.0	N
4	IC 410-720279/6	10.0	0.087231	10.0	1908838.0	0.008723	Y
5	IC 410-720279/7	25.0	0.219312	10.0	1902681.0	0.008772	Y
6	IC 410-720279/8	50.0	0.360484	10.0	1949268.0	0.00721	Y
7	IC 410-720279/9	125.0	0.725255	10.0	1938117.0	0.005802	Y



Calibration

/ Vinyl acetate

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

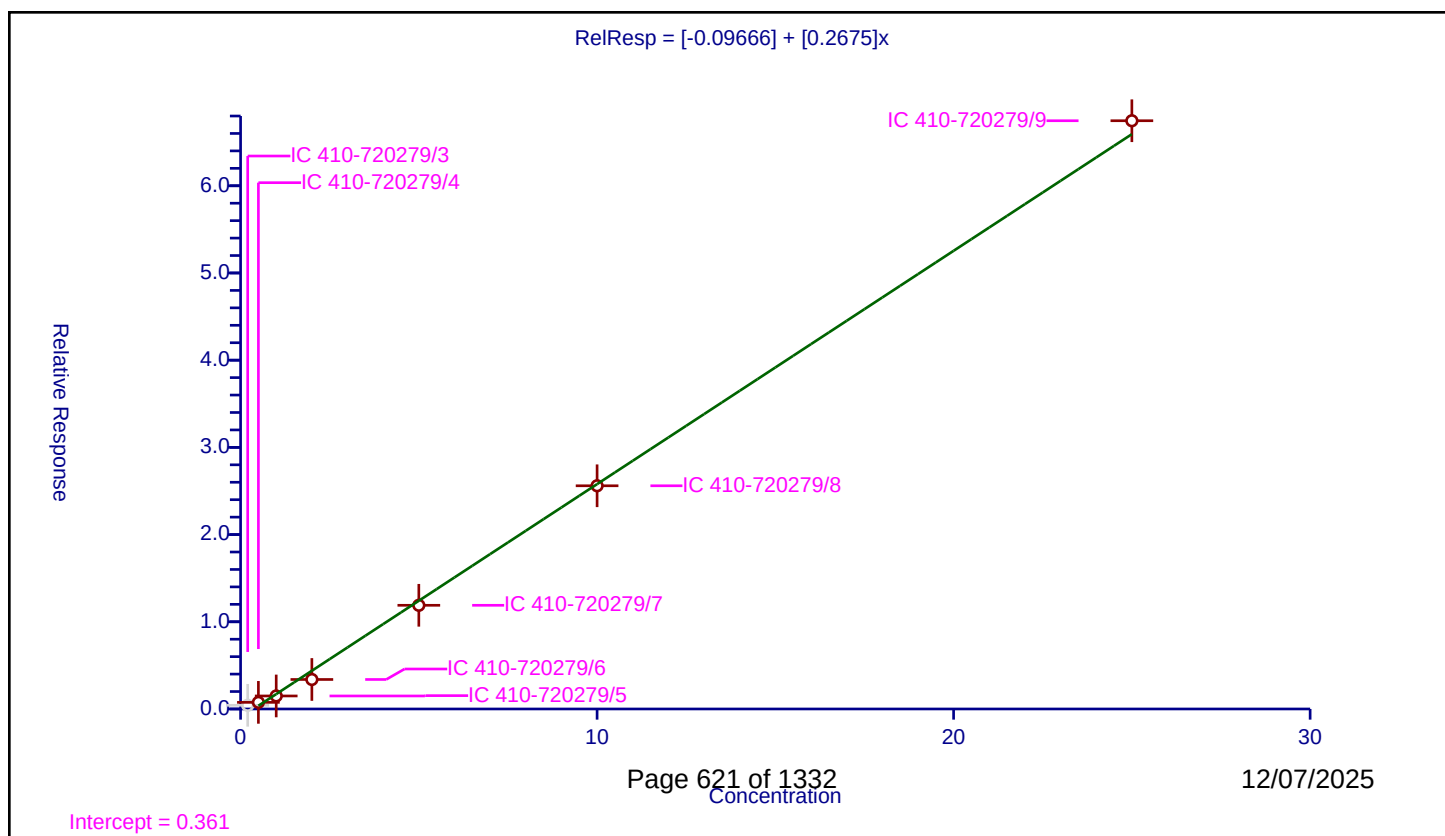
Curve Coefficients

Intercept: -0.09666
 Slope: 0.2675

Error Coefficients

Relative Standard Deviation: 17.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/3	0.2	0.042236	10.0	1981508.0	0.211178	N
2	IC 410-720279/4	0.5	0.075969	10.0	1914727.0	0.151938	Y
3	IC 410-720279/5	1.0	0.149429	10.0	1902640.0	0.149429	Y
4	IC 410-720279/6	2.0	0.338216	10.0	1908838.0	0.169108	Y
5	IC 410-720279/7	5.0	1.189012	10.0	1902681.0	0.237802	Y
6	IC 410-720279/8	10.0	2.559787	10.0	1949268.0	0.255979	Y
7	IC 410-720279/9	25.0	6.745718	10.0	1938117.0	0.269829	Y



Calibration

/ Ethyl acetate

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

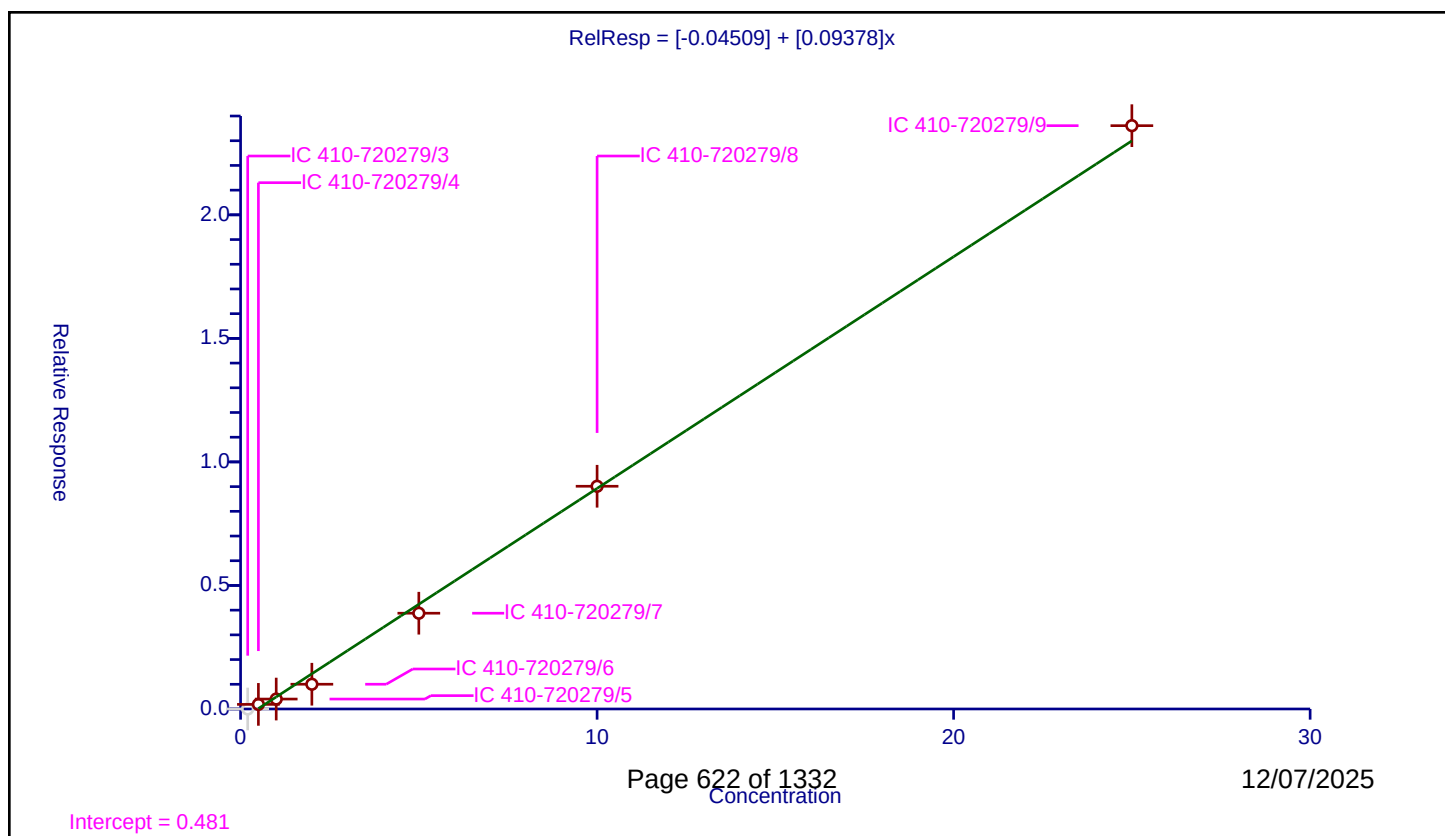
Curve Coefficients

Intercept: -0.04509
Slope: 0.09378

Error Coefficients

Relative Standard Deviation: 22.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/3	0.2	0.0	10.0	1981508.0	0.0	N
2	IC 410-720279/4	0.5	0.018588	10.0	1914727.0	0.037175	Y
3	IC 410-720279/5	1.0	0.04017	10.0	1902640.0	0.04017	Y
4	IC 410-720279/6	2.0	0.100197	10.0	1908838.0	0.050099	Y
5	IC 410-720279/7	5.0	0.387679	10.0	1902681.0	0.077536	Y
6	IC 410-720279/8	10.0	0.901451	10.0	1949268.0	0.090145	Y
7	IC 410-720279/9	25.0	2.360946	10.0	1938117.0	0.094438	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

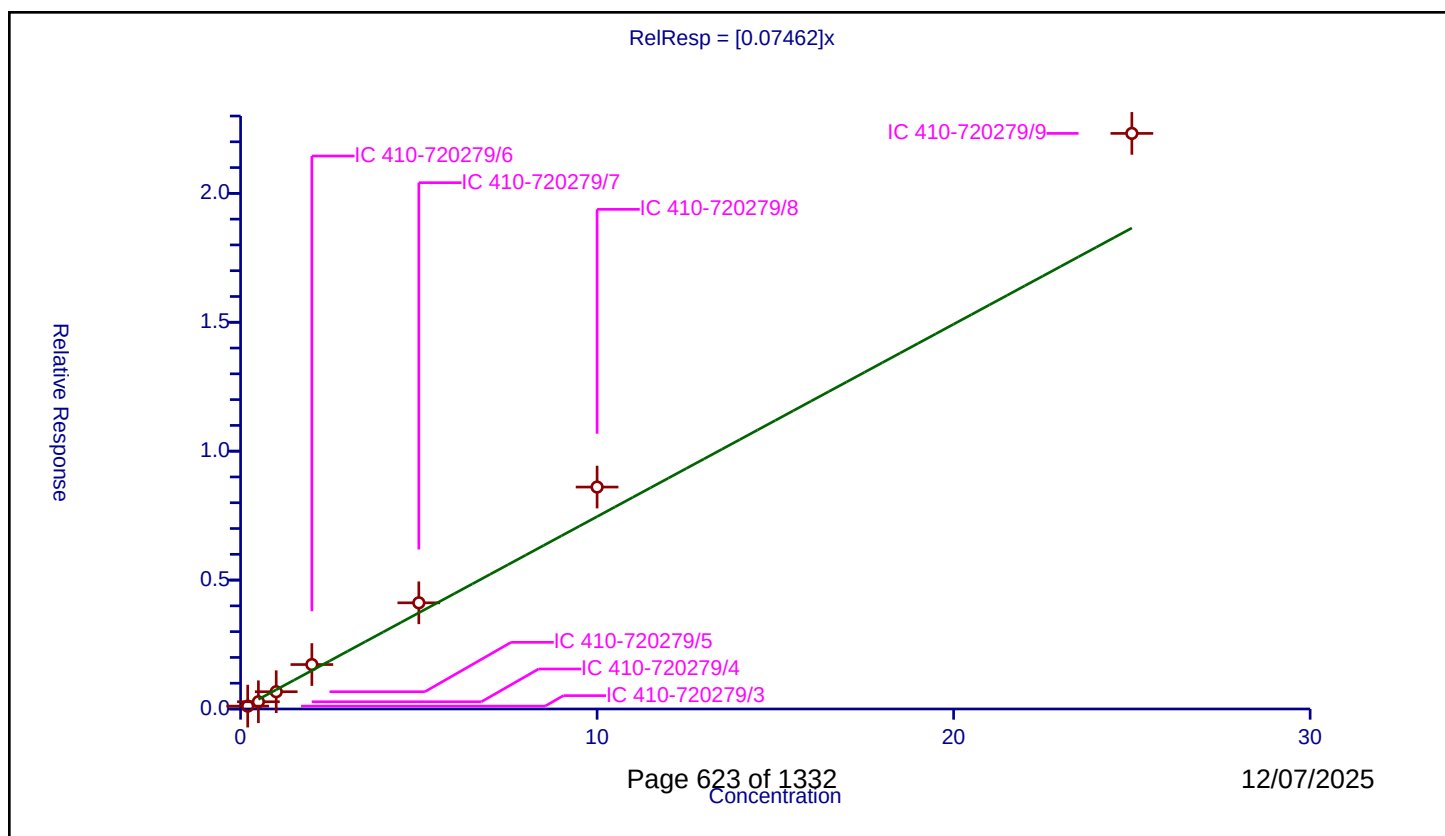
Curve Coefficients

Intercept: 0
Slope: 0.07462

Error Coefficients

Relative Standard Deviation: 19.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/3	0.2	0.011077	10.0	1981508.0	0.055387	Y
2	IC 410-720279/4	0.5	0.028046	10.0	1914727.0	0.056092	Y
3	IC 410-720279/5	1.0	0.066928	10.0	1902640.0	0.066928	Y
4	IC 410-720279/6	2.0	0.172403	10.0	1908838.0	0.086202	Y
5	IC 410-720279/7	5.0	0.411835	10.0	1902681.0	0.082367	Y
6	IC 410-720279/8	10.0	0.860805	10.0	1949268.0	0.086081	Y
7	IC 410-720279/9	25.0	2.232559	10.0	1938117.0	0.089302	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

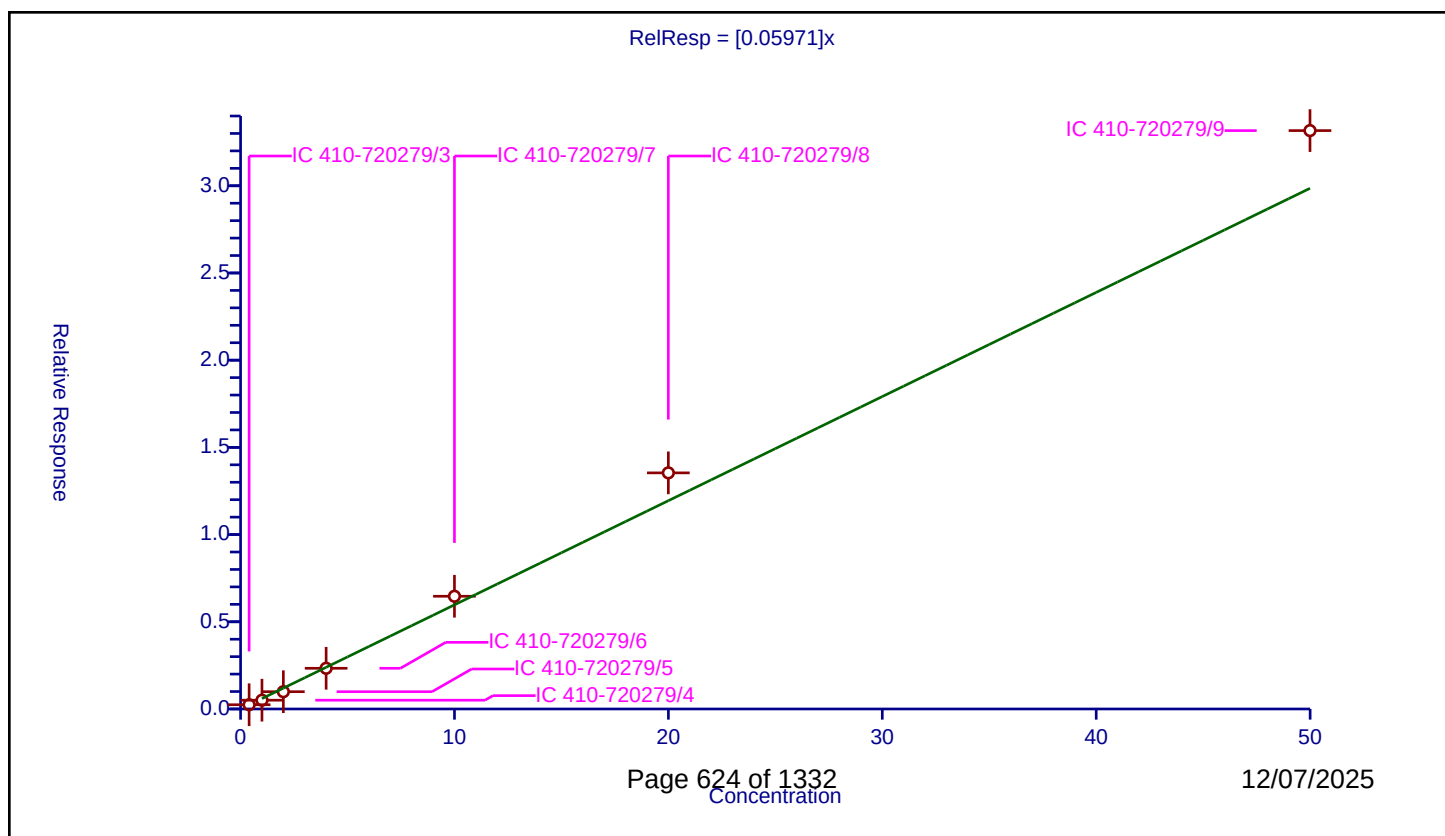
Curve Coefficients

Intercept: 0
 Slope: 0.05971

Error Coefficients

Relative Standard Deviation: 12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/3	0.399959	0.024397	10.0	1405901.0	0.060999	Y
2	IC 410-720279/4	0.999898	0.050386	10.0	1380551.0	0.050391	Y
3	IC 410-720279/5	1.999796	0.09913	10.0	1360634.0	0.04957	Y
4	IC 410-720279/6	3.999591	0.233423	10.0	1367646.0	0.058362	Y
5	IC 410-720279/7	9.998978	0.646362	10.0	1370114.0	0.064643	Y
6	IC 410-720279/8	19.997956	1.353917	10.0	1398121.0	0.067703	Y
7	IC 410-720279/9	49.99489	3.316289	10.0	1411593.0	0.066333	Y



Calibration

/ Cyclohexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

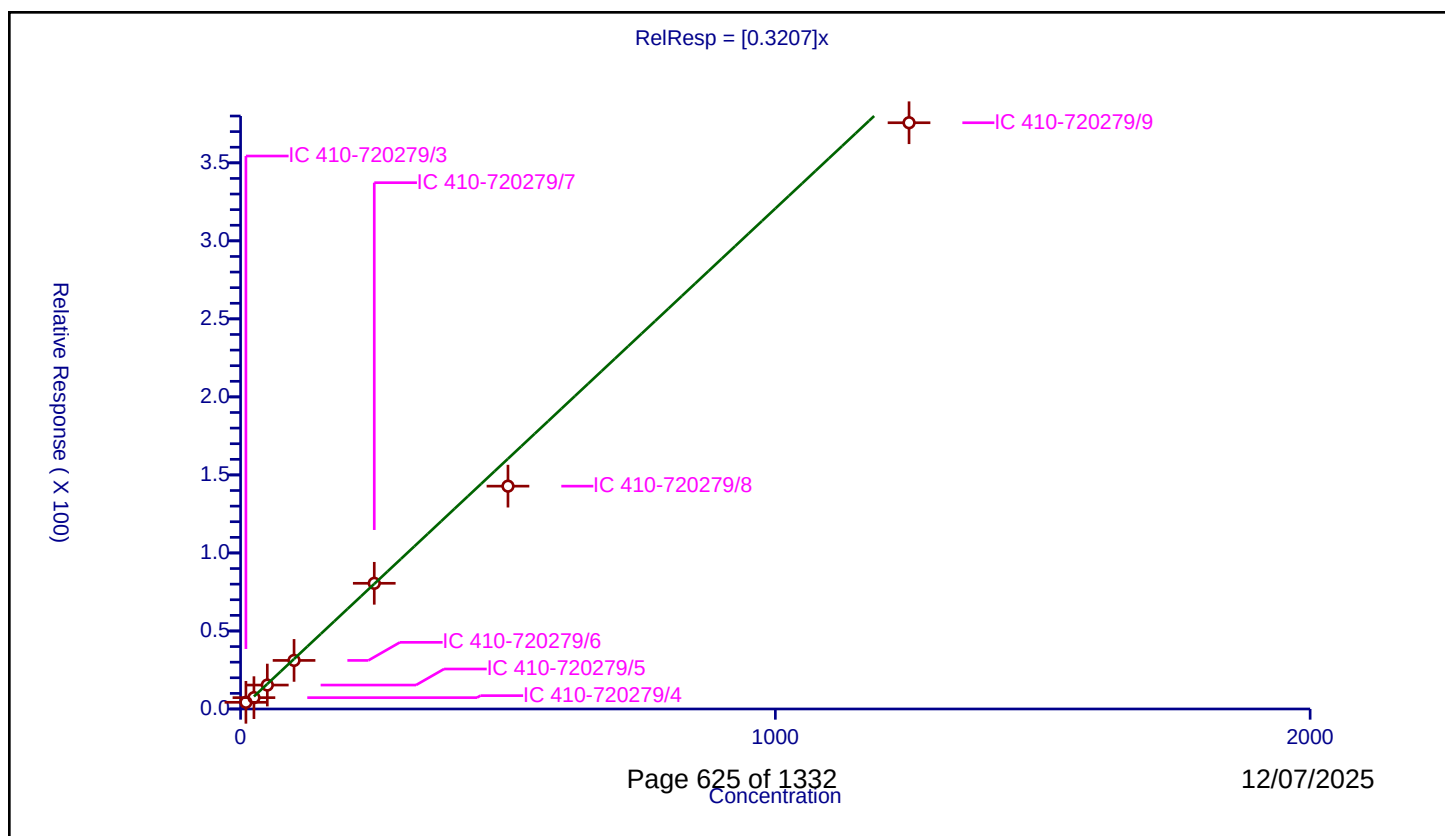
Curve Coefficients

Intercept: 0
Slope: 0.3207

Error Coefficients

Relative Standard Deviation: 15.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/3	10.000187	4.278067	50.0	67998.0	0.427799	Y
2	IC 410-720279/4	25.000466	7.278547	50.0	57168.0	0.291136	Y
3	IC 410-720279/5	50.000933	15.329341	50.0	39245.0	0.306581	Y
4	IC 410-720279/6	100.001866	31.126559	50.0	27189.0	0.31126	Y
5	IC 410-720279/7	250.004664	80.546471	50.0	49536.0	0.32218	Y
6	IC 410-720279/8	500.009328	142.806837	50.0	52536.0	0.285608	Y
7	IC 410-720279/9	1250.02332	375.685915	50.0	38671.0	0.300543	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 720279
Environment Testing, LLC

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-720279/13	HC27X12.D
Level 2	IC 410-720279/14	HC27X13.D
Level 3	IC 410-720279/15	HC27X14.D
Level 4	IC 410-720279/16	HC27X15.D
Level 5	IC 410-720279/17	HC27X16.D
Level 6	IC 410-720279/18	HC27X17.D
Level 7	IC 410-720279/19	HC27X18.D
Level 8	ICIS 410-720279/20	copy_HC27X19.D
Level 9	IC 410-720279/21	HC27X20.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	LVL 8	LVL 9													
Dichlorodifluoromethane	0.4155 0.3874	0.3964 0.3732	0.4136 0.3945	0.3863 0.3546	0.4312	Ave		0.394 7			0.1000	5.9		20.0			
Chloromethane	++++ 0.4252	++++ 0.4356	0.5094 0.4393	0.4452 0.4197	0.4791	Ave		0.450 5			0.1000	7.2		20.0			
1,3-Butadiene	++++ 0.4724	0.4675 0.4551	0.4995 0.4686	0.4647 0.4428	0.5398	Ave		0.476 3				6.4		20.0			
Vinyl chloride	0.4598 0.4161	0.4224 0.4053	0.4455 0.4301	0.4193 0.4004	0.4582	Ave		0.428 6			0.1000	5.1		20.0			
Bromomethane	++++ 0.2680	0.2786 0.2648	0.3049 0.2761	0.2675 0.2646	0.2938	Ave		0.277 3			0.1000	5.3		20.0			
Chloroethane	0.2004 0.2236	0.2540 0.2179	0.2456 0.2289	0.2217 0.2201	0.2393	Ave		0.227 9			0.1000	7.1		20.0			
Dichlorofluoromethane	0.6892 0.5899	0.6790 0.5794	0.6679 0.6100	0.6073 0.5870	0.6510	Ave		0.629 0			0.1000	6.8		20.0			
Trichlorofluoromethane	++++ 0.5259	++++ 0.5122	0.5890 0.5488	0.5288 0.5139	0.5731	Ave		0.541 7			0.1000	5.5		20.0			
Ethyl ether	++++ 0.1509	++++ 0.1586	0.1396 0.1631	0.1336 0.1674	0.1683	Ave		0.154 5				8.8		20.0			
Freon 123a	++++ 0.3545	++++ 0.3418	0.3957 0.3659	0.3487 0.3509	0.3829	Ave		0.362 9				5.5		20.0			
Acrolein	++++ 3.4333	++++ 3.3764	2.5503 2.9355	2.6361 3.6355	2.8766	Ave		3.063 4				13.7		20.0			
1,1-Dichloroethene	++++ 0.2510	0.2330 0.2400	0.2491 0.2415	0.2310 0.2475	0.2466	Ave		0.242 5			0.1000	3.1		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.: 410-254861-1 Analy Batch No.: 720279
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Freon 113	+++++ 0.2759	0.1955 0.2566	0.2561 0.2585	0.2353 0.2595	0.2645	Ave		0.250 2			0.1000	9.9		20.0			
Acetone	+++++ 3.9406	+++++ 3.5822	3.9248 3.2559	3.5087 3.6960	3.4145	Ave		3.617 5			0.1000	7.0		20.0			
Methyl iodide	+++++ 0.4585	0.4168 0.4451	0.4540 0.4412	0.4176 0.4583	0.4587	Ave		0.443 8				4.0		20.0			
Ethyl bromide	+++++ 0.2123	0.2147 0.2201	0.2333 0.2221	0.2044 0.2274	0.2419	Ave		0.222 0				5.4		20.0			
Carbon disulfide	+++++ 0.7037	0.6898 0.6760	0.7185 0.6783	0.6326 0.7089	0.7121	Ave		0.690 0			0.1000	4.1		20.0			
Methyl acetate	+++++ 6.3474	+++++ 7.4992	+++++ 7.2344	+++++ 8.4443	5.1322	Ave		6.931 5			0.1000	18.1		20.0			
Allyl chloride	+++++ 0.4262	+++++ 0.4183	0.3798 0.4238	0.4164 0.4434	0.4464	Ave		0.422 1				5.2		20.0			
Methylene Chloride	+++++ 0.2522	0.2326 0.2446	0.2490 0.2425	0.2300 0.2530	0.2521	Ave		0.244 5			0.1000	3.7		20.0			
t-Butyl alcohol	+++++ 1.0642	+++++ 0.8686	0.5579 0.9433	0.8427 0.9143	0.8405	Ave		0.861 6				18.0		20.0			
Acrylonitrile	+++++ 4.4338	+++++ 4.6888	+++++ 4.3960	+++++ 5.4731	2.8389	Lin	-11.5 3	5.558 1							0.9950		0.9900
Methyl tert-butyl ether	+++++ 0.5557	+++++ 0.5416	0.5123 0.5404	0.4994 0.5634	0.5502	Ave		0.537 6			0.1000	4.3		20.0			
trans-1,2-Dichloroethene	+++++ 0.2828	0.2496 0.2694	0.2482 0.2725	0.2563 0.2849	0.2779	Ave		0.267 7			0.1000	5.5		20.0			
n-Hexane	+++++ 0.4165	0.3463 0.3854	0.3787 0.3913	0.3555 0.3890	0.3847	Ave		0.380 9				5.7		20.0			
1,1-Dichloroethane	+++++ 0.5249	0.4419 0.5086	0.4892 0.5051	0.4586 0.5327	0.5259	Ave		0.498 4			0.2000	6.6		20.0			
di-Isopropyl ether	+++++ 0.8384	0.7281 0.8230	0.7528 0.8217	0.7459 0.8653	0.8258	Ave		0.800 1				6.3		20.0			
2-Chloro-1,3-butadiene	+++++ 0.4531	+++++ 0.4401	0.4220 0.4497	0.3919 0.4782	0.4519	Ave		0.441 0				6.2		20.0			
Ethyl t-butyl ether	+++++ 0.7581	0.6603 0.7274	0.7042 0.7306	0.6842 0.7646	0.7444	Ave		0.721 7				5.0		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.: 410-254861-1 Analy Batch No.: 720279
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	+++++ 0.2991	0.2488 0.2899	0.2727 0.2908	0.2685 0.3068	0.2913	Ave		0.283 5			0.1000	6.6		20.0			
2-Butanone (MEK)	+++++ 6.1188	+++++ 6.1412	3.9812 5.5300	3.9449 6.8669	4.4626	Lin1	-9.52 1	6.494 6			0.1000				0.9910		0.9900
2,2-Dichloropropane	+++++ 0.4635	0.4177 0.4446	0.4598 0.4445	0.4136 0.4649	0.4607	Ave		0.446 2				4.6		20.0			
Propionitrile	+++++ 1.2785	+++++ 1.2665	0.5575 1.3432	0.6720 1.6172	0.8476	Qua	-3.41 7	1.200 3	0.0008465						1.0000		0.9900
Methacrylonitrile	+++++ 7.5292	+++++ 7.4227	5.3092 6.3632	5.1795 7.9233	6.0168	Ave		6.534 8				16.9		20.0			
Bromochloromethane	+++++ 0.1123	+++++ 0.1100	0.0961 0.1108	0.0969 0.1163	0.1077	Ave		0.107 1				7.2		20.0			
Tetrahydrofuran	+++++ 2.0616	+++++ 1.9830	+++++ 1.7077	1.4283 2.1376	1.6402	Ave		1.826 4				15.2		20.0			
Chloroform	+++++ 0.5040	0.4790 0.4904	0.4813 0.4870	0.4457 0.5123	0.4887	Ave		0.486 1			0.2000	4.1		20.0			
1,1,1-Trichloroethane	+++++ 0.4764	0.4430 0.4560	0.4634 0.4555	0.4305 0.4778	0.4698	Ave		0.459 1			0.1000	3.6		20.0			
Cyclohexane	0.5204 0.5341	0.5134 0.5038	0.5146 0.5087	0.4817 0.5226	0.5211	Ave		0.513 4			0.1000	2.9		20.0			
1,1-Dichloropropene	+++++ 0.4250	0.3457 0.4081	0.3893 0.4137	0.3722 0.4350	0.4179	Ave		0.400 9				7.5		20.0			
Carbon tetrachloride	+++++ 0.4079	0.3335 0.3964	0.3737 0.4006	0.3490 0.4227	0.4022	Ave		0.385 7			0.1000	8.0		20.0			
Isobutyl alcohol	+++++ 0.3457	+++++ 0.3352	0.5111 0.3500	0.3578 0.3742	0.3122	Ave		0.369 4				17.7		20.0			
Benzene	+++++ 1.1915	1.1483 1.1403	1.1960 1.1477	1.0861 1.2132	1.1703	Ave		1.161 7			0.5000	3.5		20.0			
1,2-Dichloroethane	+++++ 0.2647	0.2410 0.2630	0.2479 0.2648	0.2450 0.2757	0.2660	Ave		0.258 5			0.1000	4.7		20.0			
t-Amyl methyl ether	+++++ 0.6220	0.5471 0.6128	0.5980 0.6165	0.5671 0.6523	0.6113	Ave		0.603 4				5.5		20.0			
n-Heptane	+++++ 0.4030	+++++ 0.3764	0.4250 0.3968	0.3501 0.3880	0.3829	Ave		0.388 9				6.0		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.: 410-254861-1 Analy Batch No.: 720279
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
n-Butanol	++++ 0.2421	++++ 0.1969	++++ 0.2560	0.0906 0.2562	0.1656	Lin	-10.0 8	0.260 6							0.9980		0.9900
Trichloroethene	++++ 0.3195	0.2755 0.3087	0.3083 0.3099	0.2823 0.3248	0.3095	Ave		0.304 8			0.2000	5.6		20.0			
Methylcyclohexane	++++ 0.5511	0.4793 0.5223	0.5257 0.5342	0.4779 0.5352	0.5335	Ave		0.519 9			0.1000	5.2		20.0			
1,2-Dichloropropane	++++ 0.2870	0.2503 0.2834	0.2558 0.2787	0.2499 0.2979	0.2799	Ave		0.272 9			0.1000	6.7		20.0			
1,4-Dioxane	++++ 0.0462	++++ 0.0340	++++ 0.0442	++++ 0.0371	0.0193	Ave		0.036 2			0.0050	29.5	*	20.0			
Dibromomethane	++++ 0.1101	++++ 0.1083	0.0995 0.1105	0.0951 0.1187	0.1078	Ave		0.107 1				7.2		20.0			
Methyl methacrylate	++++ 15.174	++++ 15.357	10.079 13.055	10.881 16.600	11.986	Ave		13.30 5				18.6		20.0			
Bromodichloromethane	++++ 0.3272	0.2780 0.3207	0.2966 0.3258	0.2904 0.3475	0.3157	Ave		0.312 8			0.2000	7.3		20.0			
2-Nitropropane	++++ 4.8403	++++ 4.6802	4.7230 4.0025	4.4911 5.0379	4.0448	Ave		4.545 7				8.6		20.0			
1-Bromo-2-chloroethane	++++ 0.2194	++++ 0.2359	0.2330 0.2392	0.2025 0.2472	0.2376	Ave		0.230 7				6.5		20.0			
cis-1,3-Dichloropropene	++++ 0.3738	++++ 0.3734	0.3268 0.3812	0.3100 0.4071	0.3501	Ave		0.360 3			0.2000	9.3		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 19.410	++++ 19.260	16.852 16.406	15.377 20.183	16.854	Ave		17.76 3			0.1000	10.3		20.0			
Toluene	1.0070 1.0938	1.0752 1.0545	1.0216 1.0623	0.9849 1.1207	1.0658	Ave		1.054 0			0.4000	4.1		20.0			
trans-1,3-Dichloropropene	++++ 0.3974	++++ 0.4045	0.3316 0.4248	0.3152 0.4591	0.3615	Ave		0.384 9			0.1000	13.4		20.0			
Ethyl methacrylate	++++ 0.2819	++++ 0.2975	0.2196 0.3099	0.2318 0.3281	0.2514	Ave		0.274 3				14.9		20.0			
1,1,2-Trichloroethane	++++ 0.2247	0.1999 0.2201	0.2196 0.2216	0.2058 0.2324	0.2256	Ave		0.218 7			0.1000	4.9		20.0			
Tetrachloroethene	++++ 0.4910	0.4713 0.4810	0.4451 0.4826	0.4454 0.5055	0.4910	Ave		0.476 6			0.2000	4.6		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.: 410-254861-1 Analy Batch No.: 720279
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,3-Dichloropropane	+++++ 0.3977	+++++ 0.3919	0.3391 0.3991	0.3351 0.4216	0.3927	Ave		0.382 5				8.5		20.0			
2-Hexanone	+++++ 12.840	+++++ 12.789	8.6877 10.929	9.3744 13.634	10.865	Ave		11.30 3			0.1000	16.5		20.0			
Dibromochloromethane	+++++ 0.2884	+++++ 0.2842	0.2477 0.2975	0.2462 0.3207	0.2804	Ave		0.280 7				9.5		20.0			
1,2-Dibromoethane (EDB)	+++++ 0.2112	+++++ 0.2019	0.1680 0.2080	0.1777 0.2221	0.1962	Ave		0.197 9			0.1000	9.6		20.0			
1-Chlorohexane	+++++ 0.6163	+++++ 0.5869	0.6745 0.5935	0.5788 0.6165	0.6099	Ave		0.610 9				5.2		20.0			
Chlorobenzene	0.9871 1.1379	1.0358 1.1077	1.0407 1.1046	1.0265 1.1585	1.1348	Ave		1.081 5			0.5000	5.6		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3807	+++++ 0.3701	0.3396 0.3798	0.3275 0.4013	0.3658	Ave		0.366 4				6.9		20.0			
Ethylbenzene	1.8531 2.1332	1.9851 2.1025	2.0222 2.1413	1.8987 2.2322	2.1158	Ave		2.053 8			0.1000	6.0		20.0			
m&p-Xylene	+++++ 0.8264	+++++ 0.8129	0.7561 0.8225	0.7239 0.8571	0.8079	Ave		0.801 0			0.1000	5.7		20.0			
o-Xylene	+++++ 0.7772	+++++ 0.7726	0.7001 0.7772	0.6850 0.8090	0.7607	Ave		0.754 6			0.3000	6.0		20.0			
Styrene	+++++ 1.2261	+++++ 1.2363	1.0289 1.2529	1.0222 1.3133	1.1934	Ave		1.181 9			0.3000	9.5		20.0			
Bromoform	+++++ 0.1525	0.1404 0.1502	0.1262 0.1560	0.1294 0.1663	0.1432	Ave		0.145 5			0.1000	9.3		20.0			
Isopropylbenzene	+++++ 2.1231	+++++ 2.0882	1.9378 2.1136	1.8836 2.1803	2.1085	Ave		2.062 2			0.1000	5.3		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.4813	+++++ 0.4634	0.4367 0.4730	0.4337 0.4918	0.4687	Ave		0.464 1			0.3000	4.7		20.0			
Bromobenzene	+++++ 0.7876	0.6650 0.7609	0.7580 0.7756	0.7262 0.8008	0.7724	Ave		0.755 8				5.7		20.0			
trans-1,4-Dichloro-2-butene	+++++ 6.8888	+++++ 6.7908	5.0138 5.9797	5.2146 7.5678	5.5046	Ave		6.137 2				15.7		20.0			
1,2,3-Trichloropropane	+++++ 0.1309	+++++ 0.1234	0.1235 0.1250	0.1091 0.1322	0.1213	Ave		0.123 6				6.1		20.0			

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 720279
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
N-Propylbenzene	++++ 4.6174	4.0208 4.4678	4.2913 4.5496	4.0475 4.6714	4.4959	Ave		4.395 2				5.7		20.0			
2-Chlorotoluene	++++ 0.8717	0.7652 0.8452	0.8043 0.8523	0.7684 0.8866	0.8609	Ave		0.831 8				5.6		20.0			
1,3,5-Trimethylbenzene	++++ 3.2239	++++ 3.1380	3.0180 3.1884	2.7856 3.3445	3.1549	Ave		3.121 9				5.7		20.0			
4-Chlorotoluene	++++ 0.8894	++++ 0.8579	0.8122 0.8575	0.7638 0.9030	0.8542	Ave		0.848 3				5.6		20.0			
tert-Butylbenzene	++++ 0.6978	0.6203 0.6602	0.6808 0.7039	0.6165 0.7235	0.6602	Ave		0.670 4				5.8		20.0			
Pentachloroethane	++++ 0.4282	++++ 0.4704	0.4188 0.4861	0.3910 0.5182	0.4640	Ave		0.453 8				9.6		20.0			
1,2,4-Trimethylbenzene	++++ 3.2735	++++ 3.2370	2.9518 3.2673	2.8588 3.4303	3.2326	Ave		3.178 8				6.3		20.0			
sec-Butylbenzene	++++ 4.0838	3.5466 3.9994	3.6978 4.0700	3.5197 4.1881	4.0173	Ave		3.890 3				6.7		20.0			
1,3-Dichlorobenzene	++++ 1.6263	1.3925 1.5900	1.4633 1.5975	1.3867 1.6576	1.5758	Ave		1.536 2			0.6000	6.9		20.0			
p-Isopropyltoluene	++++ 3.4847	++++ 3.4346	3.1256 3.5079	3.0226 3.5863	3.3812	Ave		3.363 3				6.2		20.0			
1,4-Dichlorobenzene	++++ 1.6306	1.5813 1.5933	1.5604 1.5815	1.4765 1.6334	1.5508	Ave		1.576 0			0.5000	3.2		20.0			
1,2,3-Trimethylbenzene	++++ 1.3679	1.2332 1.3316	1.2564 1.3237	1.2158 1.4011	1.3606	Ave		1.311 3				5.2		20.0			
Benzyl chloride	++++ 0.1920	++++ 0.1901	0.1465 0.1966	0.1512 0.2094	0.1693	Ave		0.179 3				13.4		20.0			
n-Butylbenzene	++++ 1.7086	++++ 1.6698	1.4486 1.6984	1.3907 1.7624	1.6158	Ave		1.613 5				8.7		20.0			
1,2-Dichlorobenzene	++++ 1.4240	1.2456 1.3914	1.3126 1.3874	1.2379 1.4419	1.3964	Ave		1.354 7			0.4000	5.8		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.0569	++++ 0.0601	0.0385 0.0621	0.0549 0.0662	0.0573	Ave		0.056 6			0.0500	15.6		20.0			
1,3,5-Trichlorobenzene	++++ 1.1189	++++ 1.1005	1.0066 1.1238	0.9840 1.1522	1.0939	Ave		1.082 8				5.8		20.0			

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 720279
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2,4-Trichlorobenzene	+++++ 0.8709	+++++ 0.8704	0.7171 0.8968	0.7291 0.9213	0.8350	Ave		0.834 4			0.2000	9.7		20.0			
Hexachlorobutadiene	+++++ 0.3842	0.3542 0.3631	0.3511 0.3832	0.3244 0.3888	0.3718	Ave		0.365 1				5.9		20.0			
Naphthalene	+++++ 1.4044	+++++ 1.4135	1.2627 1.4583	1.2258 1.5363	1.4083	Ave		1.387 1				7.8		20.0			
1,2,3-Trichlorobenzene	+++++ 0.6929	+++++ 0.6985	0.5934 0.7233	0.6079 0.7456	0.7039	Ave		0.680 8				8.5		20.0			
Dibromofluoromethane (Surr)	0.2247 0.2296	0.2274 0.2315	0.2303 0.2296	0.2272 0.2315	0.2283	Ave		0.228 9				1.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.0418 0.0422	0.0418 0.0426	0.0421 0.0426	0.0425 0.0430	0.0416	Ave		0.042 2				1.1		20.0			
Toluene-d8 (Surr)	1.3898 1.4019	1.4033 1.4222	1.3996 1.4217	1.4063 1.4315	1.4167	Ave		1.410 3				0.9		20.0			
4-Bromofluorobenzene (Surr)	0.5000 0.5072	0.5036 0.5103	0.4993 0.5136	0.5060 0.5151	0.5094	Ave		0.507 2				1.1		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.: 410-254861-1 Analy Batch No.: 720279
Environment Testing, LLC

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-720279/13	HC27X12.D
Level 2	IC 410-720279/14	HC27X13.D
Level 3	IC 410-720279/15	HC27X14.D
Level 4	IC 410-720279/16	HC27X15.D
Level 5	IC 410-720279/17	HC27X16.D
Level 6	IC 410-720279/18	HC27X17.D
Level 7	IC 410-720279/19	HC27X18.D
Level 8	ICIS 410-720279/20	copy_HC27X19.D
Level 9	IC 410-720279/21	HC27X20.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	FB	Ave	1592 150461	4464 372469	15805 811766	36597 1927645	82220	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Chloromethane	FB	Ave	++++ 165155	++++ 434710	19465 903939	42175 2281643	91346	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
1,3-Butadiene	FB	Ave	++++ 183485	5264 454188	19085 964364	44020 2407035	102931	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Vinyl chloride	FB	Ave	1762 161629	4756 404517	17021 884971	39726 2176458	87373	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Bromomethane	FB	Ave	++++ 104103	3137 264298	11650 568187	25343 1438529	56011	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Chloroethane	FB	Ave	768 86857	2860 217500	9384 470933	21001 1196393	45627	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Dichlorofluoromethane	FB	Ave	2641 229151	7646 578265	25520 1255192	57530 3190970	124127	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Trichlorofluoromethane	FB	Ave	++++ 204290	++++ 511138	22507 1129337	50093 2793641	109282	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
Ethyl ether	FB	Ave	++++ 58615	++++ 158366	5336 335643	12659 910425	32099	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
Freon 123a	FB	Ave	++++ 137717	++++ 341099	15120 753026	33032 1907347	73013	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
Acrolein	TBA 0	Ave	++++ 389499	++++ 1024928	30247 2183746	81823 6117162	184364	++++ 97.6	++++ 244	9.76 488	24.4 1220	48.8
1,1-Dichloroethene	FB	Ave	++++ 97487	2624 239550	9517 497038	21888 1345510	47013	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Freon 113	FB	Ave	++++ 107187	2201 256071	9787 531961	22288 1410603	50434	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

Analy Batch No.: 720279

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Acetone	TBA01	Ave	++++ 91621	++++ 222856	9540 496392	22320 1274521	44849	++++ 20.0	++++ 50.0	2.00 100	5.00 250	10.0
Methyl iodide	FB	Ave	++++ 178092	4694 444200	17346 907793	39560 2491281	87456	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Ethyl bromide	FB	Ave	++++ 82395	2415 219480	8907 456603	19345 1234905	46082	++++ 2.00	0.0599 4.99	0.200 9.99	0.499 25.0	0.999
Carbon disulfide	FB	Ave	++++ 273354	7768 674677	27455 1395729	59929 3853582	135788	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Methyl acetate	TBA01	Ave	++++ 14758	++++ 46654	++++ 110294	++++ 291192	6741	++++ 2.00	++++ 5.00	++++ 10.0	++++ 25.0	1.00
Allyl chloride	FB	Ave	++++ 165545	++++ 417487	14513 872039	39447 2410543	85119	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
Methylene Chloride	FB	Ave	++++ 97970	2619 244128	9516 499019	21794 1375032	48064	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
t-Butyl alcohol	TBA01	Ave	++++ 49486	++++ 108073	2712 287613	10721 630594	22080	++++ 40.0	++++ 100	4.00 200	10.0 500	20.0
Acrylonitrile	TBA01	Lin	++++ 25772	++++ 72925	++++ 167553	++++ 471832	9322	++++ 5.00	++++ 12.5	++++ 25.0	++++ 62.5	2.50
Methyl tert-butyl ether	FB	Ave	++++ 215865	++++ 540494	19574 1112095	47311 3062723	104911	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
trans-1,2-Dichloroethene	FB	Ave	++++ 109839	2811 268874	9482 560724	24279 1548921	52981	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
n-Hexane	FB	Ave	++++ 161764	3900 384666	14471 805226	33679 2114367	73353	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,1-Dichloroethane	FB	Ave	++++ 203871	4976 507612	18693 1039425	43447 2895749	100269	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
di-Isopropyl ether	FB	Ave	++++ 325649	8199 821339	28764 1690856	70662 4703501	157452	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
2-Chloro-1,3-butadiene	FB	Ave	++++ 176016	++++ 439263	16123 925345	37124 2599718	86171	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
Ethyl t-butyl ether	FB	Ave	++++ 294475	7435 725905	26909 1503413	64822 4156573	141944	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
cis-1,2-Dichloroethene	FB	Ave	++++ 116191	2802 289337	10419 598458	25436 1667589	55548	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
2-Butanone (MEK)	TBA01	Lin	++++ 142265	++++ 382058	9677 843089	25095 2367985	58616	++++ 20.0	++++ 50.0	2.00 100	5.00 250	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

Analy Batch No.: 720279

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,2-Dichloropropane	FB	Ave	++++ 180035	4704 443666	17568 914674	39183 2527004	87849	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Propionitrile	TBAd1 0	Qua	++++ 59449	++++ 157580	2710 409567	8550 1115320	22266	++++ 40.0	++++ 100	4.00 200	10.0 500	20.0
Methacrylonitrile	TBAd1 0	Ave	++++ 175057	++++ 461781	12905 970115	32949 2732266	79029	++++ 20.0	++++ 50.0	2.00 100	5.00 250	10.0
Bromochloromethane	FB	Ave	++++ 43614	++++ 109792	3672 227941	9180 632337	20527	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
Tetrahydrofuran	TBAd1 0	Ave	++++ 23967	++++ 61684	++++ 130176	4543 368567	10772	++++ 10.0	++++ 25.0	++++ 50.0	2.50 125	5.00
Chloroform	FB	Ave	++++ 195775	5394 489444	18392 1002160	42228 2784906	93176	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,1,1-Trichloroethane	FB	Ave	++++ 185068	4988 455059	17708 937227	40786 2597358	89583	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Cyclohexane	FB	Ave	1994 207476	5781 502830	19661 1046865	45633 2840825	99351	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,1-Dichloropropene	FB	Ave	++++ 165073	3893 407242	14876 851307	35261 2364656	79686	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Carbon tetrachloride	FB	Ave	++++ 158444	3755 395573	14279 824435	33062 2297606	76680	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Isobutyl alcohol	TBAd1 0	Ave	++++ 40186	++++ 104267	6211 266775	11381 645230	20501	++++ 100	++++ 250	10.0 500	25.0 1250	50.0
Benzene	FB	Ave	++++ 462806	12931 1138048	45699 2361744	102894 6595132	223145	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,2-Dichloroethane	FB	Ave	++++ 102830	2714 262426	9474 544968	23211 1498446	50711	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
t-Amyl methyl ether	FB	Ave	++++ 241588	6161 611578	22848 1268530	53725 3546055	116551	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
n-Heptane	FB	Ave	++++ 156534	++++ 375652	16239 816557	33165 2109148	73006	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
n-Butanol	TBAd1 0	Lin	++++ 49253	++++ 107158	++++ 341480	5044 772942	19027	++++ 175	++++ 438	++++ 875	43.8 2188	87.5
Trichloroethene	FB	Ave	++++ 124120	3102 308107	11780 637756	26745 1765771	59021	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Methylcyclohexane	FB	Ave	++++ 214060	5397 521282	20088 1099292	45276 2909349	101716	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

Analy Batch No.: 720279

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2-Dichloropropane	FB	Ave	++++ 111484	2818 282804	9775 573564	23673 1619190	53370	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,4-Dioxane	TBA d10	Ave	++++ 5373	++++ 10574	++++ 33700	++++ 63915	1267	++++ 100	++++ 250	++++ 500	++++ 1250	50.0
Dibromomethane	FB	Ave	++++ 42778	++++ 108057	3801 227399	9012 645059	20558	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
Methyl methacrylate	TBA d10	Ave	++++ 35279	++++ 95538	2450 199035	6922 572439	15744	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
Bromodichloromethane	FB	Ave	++++ 127096	3130 320094	11334 670517	27515 1888816	60205	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
2-Nitropropane	TBA d10	Ave	++++ 56269	++++ 145583	5740 305105	14285 868634	26564	++++ 10.0	++++ 25.0	1.00 50.0	2.50 125	5.00
1-Bromo-2-chloroethane	FB	Ave	++++ 85238	++++ 235442	8904 492225	19184 1343650	45311	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
cis-1,3-Dichloropropene	FB	Ave	++++ 145202	++++ 372674	12488 784339	29368 2213062	66753	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
4-Methyl-2-pentanone (MIBK)	TBA d10	Ave	++++ 451280	++++ 1198188	40961 2501175	97819 6959869	221376	++++ 20.0	++++ 50.0	2.00 100	5.00 250	10.0
Toluene	CBZ d5	Ave	2779 303762	8655 749248	28057 1535598	66609 4246980	144497	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
trans-1,3-Dichloropropene	CBZ d5	Ave	++++ 110349	++++ 287430	9108 614029	21320 1739958	49006	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
Ethyl methacrylate	CBZ d5	Ave	++++ 78281	++++ 211377	6030 447973	15679 1243303	34078	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
1,1,2-Trichloroethane	CBZ d5	Ave	++++ 62407	1609 156402	6030 320299	13918 880810	30591	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Tetrachloroethene	CBZ d5	Ave	++++ 136346	3794 341761	12225 697676	30123 1915767	66564	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,3-Dichloropropane	CBZ d5	Ave	++++ 110442	++++ 278496	9312 576940	22665 1597551	53237	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
2-Hexanone	TBA d10	Ave	++++ 298530	++++ 795635	21117 1666184	59634 4701405	142708	++++ 20.0	++++ 50.0	2.00 100	5.00 250	10.0
Dibromochloromethane	CBZ d5	Ave	++++ 80082	++++ 201933	6804 430028	16649 1215462	38017	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
1,2-Dibromoethane (EDB)	CBZ d5	Ave	++++ 58639	++++ 143476	4615 300603	12020 841541	26599	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

Analy Batch No.: 720279

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1-Chlorohexane	CBZd5	Ave	++++ 171160	++++ 417012	18524 857844	39147 2336412	82684	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
Chlorobenzene	CBZd5	Ave	2724 316002	8338 787095	28582 1596672	69425 4390301	153845	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,1,1,2-Tetrachloroethane	CBZd5	Ave	++++ 105716	++++ 262936	9328 549006	22150 1520831	49590	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
Ethylbenzene	CBZd5	Ave	5114 592389	15980 1493902	55537 3095252	128416 8459082	286855	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
m&p-Xylene	CBZd5	Ave	++++ 459008	++++ 1155227	41532 2377888	97926 6496295	219063	++++ 4.00	++++ 10.0	0.400 20.0	1.00 50.0	2.00
o-Xylene	CBZd5	Ave	++++ 215845	++++ 548992	19228 1123506	46328 3065722	103137	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
Styrene	CBZd5	Ave	++++ 340491	++++ 878460	28257 1811100	69136 4976862	161793	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
Bromoform	CBZd5	Ave	++++ 42359	1130 106702	3467 225462	8755 630369	19414	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Isopropylbenzene	CBZd5	Ave	++++ 589587	++++ 1483727	53218 3055295	127394 8262342	285866	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
1,1,2,2-Tetrachloroethane	DCBd4	Ave	++++ 73695	++++ 185269	6487 384881	16232 1048609	35122	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
Bromobenzene	DCBd4	Ave	++++ 120587	2914 304191	11261 631136	27179 1707403	57883	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
trans-1,4-Dichloro-2-butene	TBA d1 0	Ave	++++ 160168	++++ 422467	12187 911658	33172 2609665	72302	++++ 20.0	++++ 50.0	2.00 100	5.00 250	10.0
1,2,3-Trichloropropane	DCBd4	Ave	++++ 20039	++++ 49348	1835 101733	4084 281919	9092	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
N-Propylbenzene	DCBd4	Ave	++++ 706937	17619 1786219	63753 3702344	151474 9959659	336902	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
2-Chlorotoluene	DCBd4	Ave	++++ 133454	3353 337918	11949 693626	28756 1890356	64512	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,3,5-Trimethylbenzene	DCBd4	Ave	++++ 493594	++++ 1254560	44836 2594665	104250 7130642	236414	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
4-Chlorotoluene	DCBd4	Ave	++++ 136168	++++ 342977	12066 697823	28583 1925198	64011	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
tert-Butylbenzene	DCBd4	Ave	++++ 106829	2718 263930	10114 572823	23072 1542479	49475	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Pentachloroethane	DCBd4	Ave	++++ 65560	++++ 188076	6222 395601	14634 1104765	34772	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
1,2,4-Trimethylbenzene	DCBd4	Ave	++++	++++	43852	106988	242237	++++	++++	0.200	0.500	1.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

Analy Batch No.: 720279

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			501181	1294173	2658889	7313494		2.00	5.00	10.0	25.0	
sec-Butylbenzene	DCBd4	Ave	++++ 625252	15541 1598981	54935 3312057	131723 8929130	301039	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,3-Dichlorobenzene	DCBd4	Ave	++++ 248996	6102 635690	21739 1299999	51896 3534139	118083	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
p-Isopropyltoluene	DCBd4	Ave	++++ 533523	++++ 1373140	46435 2854664	113119 7646239	253373	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
1,4-Dichlorobenzene	DCBd4	Ave	++++ 249651	6929 636985	23181 1287031	55256 3482387	116212	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,2,3-Trimethylbenzene	DCBd4	Ave	++++ 209431	5404 532358	18666 1077166	45501 2987151	101954	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Benzyl chloride	DCBd4	Ave	++++ 29403	++++ 75994	2177 159950	5658 446354	12689	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
n-Butylbenzene	DCBd4	Ave	++++ 261598	++++ 667572	21520 1382107	52047 3757432	121084	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
1,2-Dichlorobenzene	DCBd4	Ave	++++ 218027	5458 556292	19500 1129036	46329 3074117	104639	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	++++ 8718	++++ 24022	572 50555	2054 141169	4291	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
1,3,5-Trichlorobenzene	DCBd4	Ave	++++ 171311	++++ 439997	14954 914549	36825 2456524	81968	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
1,2,4-Trichlorobenzene	DCBd4	Ave	++++ 133340	++++ 347973	10653 729839	27286 1964162	62574	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
Hexachlorobutadiene	DCBd4	Ave	++++ 58824	1552 145177	5216 311837	12140 828965	27863	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Naphthalene	DCBd4	Ave	++++ 215019	++++ 565133	18759 1186711	45875 3275490	105534	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
1,2,3-Trichlorobenzene	DCBd4	Ave	++++ 106092	++++ 279269	8816 588624	22752 1589694	52747	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
Dibromofluoromethane (Surr)	FB	Ave	430534 445933	426806 462161	439950 472450	430459 503342	435402	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	80081 81922	78517 84955	80399 87647	80434 93451	79266	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0
Toluene-d8 (Surr)	CBZd5	Ave	1917689 1946574	1882716 2021130	1921973 2055024	1902289 2169838	1920734	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0
4-Bromofluorobenzene (Surr)	CBZd5	Ave	689911 704249	675629 725192	685565 742488	684462 780813	690598	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

Analy Batch No.: 720279

SDG No.:

Instrument ID: 19094

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

Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03

Calibration End Date: 10/27/2025 20:50

Calibration ID: 77994

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 720279
Environment Testing, LLC

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-720279/13	HC27X12.D
Level 2	IC 410-720279/14	HC27X13.D
Level 3	IC 410-720279/15	HC27X14.D
Level 4	IC 410-720279/16	HC27X15.D
Level 5	IC 410-720279/17	HC27X16.D
Level 6	IC 410-720279/18	HC27X17.D
Level 7	IC 410-720279/19	HC27X18.D
Level 8	ICIS 410-720279/20	copy_HC27X19.D
Level 9	IC 410-720279/21	HC27X20.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
	LVL 7 #	LVL 8 #	LVL 9 #				LVL 7	LVL 8	LVL 9			
Dichlorodifluoromethane	5.2	0.4	4.8	-2.1	9.2	-1.9	50	30	30	30	30	30
	-5.5	-0.1	-10.2				30	30	30			
Chloromethane	++++	++++	13.1	-1.2	6.3	-5.6			50	30	30	30
	-3.3	-2.5	-6.8				30	30	30			
1,3-Butadiene	++++	-1.9	4.9	-2.4	13.3	-0.8		50	30	30	30	30
	-4.4	-1.6	-7.0				30	30	30			
Vinyl chloride	7.3	-1.4	3.9	-2.2	6.9	-2.9	50	30	30	30	30	30
	-5.4	0.3	-6.6				30	30	30			
Bromomethane	++++	0.5	10.0	-3.5	5.9	-3.3		50	30	30	30	30
	-4.5	-0.4	-4.6				30	30	30			
Chloroethane	-12.1	11.4	7.7	-2.7	5.0	-1.9	50	30	30	30	30	30
	-4.4	0.4	-3.4				30	30	30			
Dichlorofluoromethane	9.6	8.0	6.2	-3.5	3.5	-6.2	50	30	30	30	30	30
	-7.9	-3.0	-6.7				30	30	30			
Trichlorofluoromethane	++++	++++	8.7	-2.4	5.8	-2.9			50	30	30	30
	-5.4	1.3	-5.1				30	30	30			
Ethyl ether	++++	++++	-9.6	-13.5	8.9	-2.4			50	30	30	30
	2.7	5.5	8.4				30	30	30			
Freon 123a	++++	++++	9.0	-3.9	5.5	-2.3			50	30	30	30
	-5.8	0.8	-3.3				30	30	30			
Acrolein	++++	++++	-16.7	-13.9	-6.1	12.1			50	30	30	30
	10.2	-4.2	18.7				30	30	30			
1,1-Dichloroethene	++++	-3.9	2.7	-4.7	1.7	3.5		50	30	30	30	30
	-1.0	-0.4	2.1				30	30	30			
Freon 113	++++	-21.9	2.4	-6.0	5.7	10.3		50	30	30	30	30
	2.5	3.3	3.7				30	30	30			
Acetone	++++	++++	8.5	-3.0	-5.6	8.9			50	30	30	30
	-1.0	-10.0	2.2				30	30	30			

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 720279
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
Methyl iodide	++++ 0.3	-6.1 -0.6	2.3 3.3	-5.9	3.4	3.3	30	50 30	30 30	30	30	30
Ethyl bromide	++++ -0.9	-3.3 0.0	5.1 2.4	-7.9	9.0	-4.4	30	50 30	30 30	30	30	30
Carbon disulfide	++++ -2.0	0.0 -1.7	4.1 2.7	-8.3	3.2	2.0	30	50 30	30 30	30	30	30
Methyl acetate	++++ 8.2	++++ 4.4	++++ 21.8	++++	-26.0	-8.4	30	30	30		50	30
Allyl chloride	++++ -0.9	++++ 0.4	-10.0 5.1	-1.3	5.8	1.0	30	30	50 30	30	30	30
Methylene Chloride	++++ 0.0	-4.9 -0.8	1.9 3.5	-5.9	3.1	3.2	30	50 30	30 30	30	30	30
t-Butyl alcohol	++++ 0.8	++++ 9.5	-35.3 6.1	-2.2	-2.5	23.5	30	30	50 30	30	30	30
Acrylonitrile	++++ 1.0	++++ -12.6	++++ 1.8	++++	34.1	21.3	30	30	30		50	30
Methyl tert-butyl ether	++++ 0.7	++++ 0.5	-4.7 4.8	-7.1	2.4	3.4	30	30	50 30	30	30	30
trans-1,2-Dichloroethene	++++ 0.6	-6.7 1.8	-7.3 6.4	-4.3	3.8	5.6	30	50 30	30 30	30	30	30
n-Hexane	++++ 1.2	-9.1 2.7	-0.6 2.1	-6.7	1.0	9.3	30	50 30	30 30	30	30	30
1,1-Dichloroethane	++++ 2.1	-11.3 1.4	-1.8 6.9	-8.0	5.5	5.3	30	50 30	30 30	30	30	30
di-Isopropyl ether	++++ 2.9	-9.0 2.7	-5.9 8.1	-6.8	3.2	4.8	30	50 30	30 30	30	30	30
2-Chloro-1,3-butadiene	++++ -0.2	++++ 2.0	-4.3 8.4	-11.1	2.5	2.8	30	30	50 30	30	30	30
Ethyl t-butyl ether	++++ 0.8	-8.5 1.2	-2.4 5.9	-5.2	3.1	5.0	30	50 30	30 30	30	30	30
cis-1,2-Dichloroethene	++++ 2.3	-12.2 2.6	-3.8 8.2	-5.3	2.8	5.5	30	50 30	30 30	30	30	30
2-Butanone (MEK)	++++ -2.5	++++ -13.4	34.6 6.3	-9.9	-16.6	1.5	30	30	50 30	30	30	30
2,2-Dichloropropane	++++ -0.4	-6.4 -0.4	3.1 4.2	-7.3	3.3	3.9	30	50 30	30 30	30	30	30
Propionitrile	++++ 1.1	++++ -0.6	17.2 0.0	-16.0	-16.1	10.2	30	30	50 30	30	30	30
Methacrylonitrile	++++ 13.6	++++ -2.6	-18.8 21.2	-20.7	-7.9	15.2	30	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.: 410-254861-1 Analy Batch No.: 720279
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
Bromochloromethane	++++ 2.7	++++ 3.4	-10.3 8.6	-9.6	0.5	4.8	30	30	50 30	30	30	30
Tetrahydrofuran	++++ 8.6	++++ -6.5	++++ 17.0	-21.8	-10.2	12.9	30	30	30	50	30	30
Chloroform	++++ 0.9	-1.5 0.2	-1.0 5.4	-8.3	0.5	3.7	30	50 30	30 30	30	30	30
1,1,1-Trichloroethane	++++ -0.7	-3.5 -0.8	1.0 4.1	-6.2	2.3	3.8	30	50 30	30 30	30	30	30
Cyclohexane	1.4 -1.9	0.0 -0.9	0.2 1.8	-6.2	1.5	4.0	50 30	30 30	30 30	30	30	30
1,1-Dichloropropene	++++ 1.8	-13.8 3.2	-2.9 8.5	-7.2	4.3	6.0	30	50 30	30 30	30	30	30
Carbon tetrachloride	++++ 2.8	-13.6 3.9	-3.1 9.6	-9.5	4.3	5.7	30	50 30	30 30	30	30	30
Isobutyl alcohol	++++ -9.3	++++ -5.3	38.3 1.3	-3.1	-15.5	-6.4	30	30	50 30	30	30	30
Benzene	++++ -1.8	-1.1 -1.2	3.0 4.4	-6.5	0.7	2.6	30	50 30	30 30	30	30	30
1,2-Dichloroethane	++++ 1.7	-6.8 2.4	-4.1 6.6	-5.2	2.9	2.4	30	50 30	30 30	30	30	30
t-Amyl methyl ether	++++ 1.6	-9.3 2.2	-0.9 8.1	-6.0	1.3	3.1	30	50 30	30 30	30	30	30
n-Heptane	++++ -3.2	++++ 2.0	9.3 -0.2	-10.0	-1.5	3.6	30	30	50 30	30	30	30
n-Butanol	++++ -15.6	++++ 2.7	++++ 0.1	23.2	7.8	15.0	30	30	30	50	30	30
Trichloroethene	++++ 1.3	-9.6 1.7	1.1 6.6	-7.4	1.5	4.8	30	50 30	30 30	30	30	30
Methylcyclohexane	++++ 0.5	-7.8 2.8	1.1 2.9	-8.1	2.6	6.0	30	50 30	30 30	30	30	30
1,2-Dichloropropane	++++ 3.9	-8.3 2.2	-6.2 9.2	-8.4	2.6	5.2	30	50 30	30 30	30	30	30
1,4-Dioxane	++++ -6.0	++++ 22.3	++++ 2.5	++++	-46.6	27.8	30	30	30		50	30
Dibromomethane	++++ 1.1	++++ 3.1	-7.2 10.8	-11.2	0.6	2.8	30	30	50 30	30	30	30
Methyl methacrylate	++++ 15.4	++++ -1.9	-24.2 24.8	-18.2	-9.9	14.0	30	30	50 30	30	30	30
Bromodichloromethane	++++ 2.6	-11.1 4.2	-5.2 11.1	-7.1	1.0	4.6	30	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.: 410-254861-1 Analy Batch No.: 720279
Environment Testing, LLC

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
2-Nitropropane	++++ 3.0	++++ -11.9	3.9 10.8	-1.2	-11.0	6.5	30	30	50 30	30	30	30
1-Bromo-2-chloroethane	++++ 2.3	++++ 3.7	1.0 7.1	-12.2	3.0	-4.9	30	30	50 30	30	30	30
cis-1,3-Dichloropropene	++++ 3.6	++++ 5.8	-9.3 13.0	-14.0	-2.8	3.7	30	30	50 30	30	30	30
4-Methyl-2-pentanone (MIBK)	++++ 8.4	++++ -7.6	-5.1 13.6	-13.4	-5.1	9.3	30	30	50 30	30	30	30
Toluene	-4.5 0.0	2.0 0.8	-3.1 6.3	-6.6	1.1	3.8	50 30	30 30	30 30	30	30	30
trans-1,3-Dichloropropene	++++ 5.1	++++ 10.4	-13.8 19.3	-18.1	-6.1	3.2	30	30	50 30	30	30	30
Ethyl methacrylate	++++ 8.5	++++ 13.0	-20.0 19.6	-15.5	-8.4	2.8	30	30	50 30	30	30	30
1,1,2-Trichloroethane	++++ 0.6	-8.6 1.3	0.4 6.3	-5.9	3.2	2.7	30	50 30	30 30	30	30	30
Tetrachloroethene	++++ 0.9	-1.1 1.3	-6.6 6.1	-6.6	3.0	3.0	30	50 30	30 30	30	30	30
1,3-Dichloropropane	++++ 2.5	++++ 4.4	-11.3 10.2	-12.4	2.7	4.0	30	30	50 30	30	30	30
2-Hexanone	++++ 13.2	++++ -3.3	-23.1 20.6	-17.1	-3.9	13.6	30	30	50 30	30	30	30
Dibromochloromethane	++++ 1.2	++++ 6.0	-11.8 14.3	-12.3	-0.1	2.7	30	30	50 30	30	30	30
1,2-Dibromoethane (EDB)	++++ 2.1	++++ 5.1	-15.1 12.2	-10.2	-0.8	6.7	30	30	50 30	30	30	30
1-Chlorohexane	++++ -3.9	++++ -2.9	10.4 0.9	-5.3	-0.2	0.9	30	30	50 30	30	30	30
Chlorobenzene	-8.7 2.4	-4.2 2.1	-3.8 7.1	-5.1	4.9	5.2	50 30	30 30	30 30	30	30	30
1,1,1,2-Tetrachloroethane	++++ 1.0	++++ 3.7	-7.3 9.5	-10.6	-0.2	3.9	30	30	50 30	30	30	30
Ethylbenzene	-9.8 2.4	-3.3 4.3	-1.5 8.7	-7.6	3.0	3.9	50 30	30 30	30 30	30	30	30
m&p-Xylene	++++ 1.5	++++ 2.7	-5.6 7.0	-9.6	0.9	3.2	30	30	50 30	30	30	30
o-Xylene	++++ 2.4	++++ 3.0	-7.2 7.2	-9.2	0.8	3.0	30	30	50 30	30	30	30
Styrene	++++ 4.6	++++ 6.0	-12.9 11.1	-13.5	1.0	3.7	30	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.: 410-254861-1 Analy Batch No.: 720279
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
Bromoform	++++ 3.2	-3.5 7.2	-13.3 14.3	-11.1	-1.6	4.8	30	50 30	30 30	30	30	30
Isopropylbenzene	++++ 1.3	++++ 2.5	-6.0 5.7	-8.7	2.2	3.0	30	50 30	30 30	30	30	30
1,1,2,2-Tetrachloroethane	++++ -0.1	++++ 1.9	-5.9 6.0	-6.5	1.0	3.7	30	50 30	30 30	30	30	30
Bromobenzene	++++ 0.7	-12.0 2.6	0.3 6.0	-3.9	2.2	4.2	30	50 30	30 30	30	30	30
trans-1,4-Dichloro-2-butene	++++ 10.7	++++ -2.6	-18.3 23.3	-15.0	-10.3	12.2	30	50 30	30 30	30	30	30
1,2,3-Trichloropropane	++++ -0.2	++++ 1.1	-0.1 6.9	-11.7	-1.9	5.9	30	50 30	30 30	30	30	30
N-Propylbenzene	++++ 1.7	-8.5 3.5	-2.4 6.3	-7.9	2.3	5.1	30	50 30	30 30	30	30	30
2-Chlorotoluene	++++ 1.6	-8.0 2.5	-3.3 6.6	-7.6	3.5	4.8	30	50 30	30 30	30	30	30
1,3,5-Trimethylbenzene	++++ 0.5	++++ 2.1	-3.3 7.1	-10.8	1.1	3.3	30	50 30	30 30	30	30	30
4-Chlorotoluene	++++ 1.1	++++ 1.1	-4.3 6.4	-10.0	0.7	4.8	30	50 30	30 30	30	30	30
tert-Butylbenzene	++++ -1.5	-7.5 5.0	1.6 7.9	-8.0	-1.5	4.1	30	50 30	30 30	30	30	30
Pentachloroethane	++++ 3.7	++++ 7.1	-7.7 14.2	-13.8	2.2	-5.6	30	50 30	30 30	30	30	30
1,2,4-Trimethylbenzene	++++ 1.8	++++ 2.8	-7.1 7.9	-10.1	1.7	3.0	30	50 30	30 30	30	30	30
sec-Butylbenzene	++++ 2.8	-8.8 4.6	-4.9 7.7	-9.5	3.3	5.0	30	50 30	30 30	30	30	30
1,3-Dichlorobenzene	++++ 3.5	-9.4 4.0	-4.7 7.9	-9.7	2.6	5.9	30	50 30	30 30	30	30	30
p-Isopropyltoluene	++++ 2.1	++++ 4.3	-7.1 6.6	-10.1	0.5	3.6	30	50 30	30 30	30	30	30
1,4-Dichlorobenzene	++++ 1.1	0.3 0.4	-1.0 3.6	-6.3	-1.6	3.5	30	50 30	30 30	30	30	30
1,2,3-Trimethylbenzene	++++ 1.5	-6.0 0.9	-4.2 6.8	-7.3	3.8	4.3	30	50 30	30 30	30	30	30
Benzyl chloride	++++ 6.0	++++ 9.6	-18.3 16.8	-15.7	-5.6	7.1	30	50 30	30 30	30	30	30
n-Butylbenzene	++++ 3.5	++++ 5.3	-10.2 9.2	-13.8	0.1	5.9	30	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.: 410-254861-1 Analy Batch No.: 720279
Environment Testing, LLC

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/27/2025 18:03 Calibration End Date: 10/27/2025 20:50 Calibration ID: 77994

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
1,2-Dichlorobenzene	++++ 2.7	-8.1 2.4	-3.1 6.4	-8.6	3.1	5.1	30	50 30	30 30	30	30	30
1,2-Dibromo-3-Chloropropane	++++ 6.2	++++ 9.8	-31.9 17.0	-3.0	1.2	0.7	30	30	50 30	30	30	30
1,3,5-Trichlorobenzene	++++ 1.6	++++ 3.8	-7.0 6.4	-9.1	1.0	3.3	30	30	50 30	30	30	30
1,2,4-Trichlorobenzene	++++ 4.3	++++ 7.5	-14.1 10.4	-12.6	0.1	4.4	30	30	50 30	30	30	30
Hexachlorobutadiene	++++ -0.5	-3.0 5.0	-3.8 6.5	-11.2	1.8	5.2	30	50 30	30 30	30	30	30
Naphthalene	++++ 1.9	++++ 5.1	-9.0 10.8	-11.6	1.5	1.3	30	30	50 30	30	30	30
1,2,3-Trichlorobenzene	++++ 2.6	++++ 6.2	-12.8 9.5	-10.7	3.4	1.8	30	30	50 30	30	30	30
Dibromofluoromethane (Surr)	-1.8 1.2	-0.7 0.3	0.6 1.1	-0.8	-0.2	0.3	50 30	30 30	30 30	30	30	30
1,2-Dichloroethane-d4 (Surr)	-1.0 0.8	-0.9 0.9	-0.3 1.8	0.5	-1.6	-0.1	50 30	30 30	30 30	30	30	30
Toluene-d8 (Surr)	-1.5 0.8	-0.5 0.8	-0.8 1.5	-0.3	0.5	-0.6	50 30	30 30	30 30	30	30	30
4-Bromofluorobenzene (Surr)	-1.4 0.6	-0.7 1.3	-1.6 1.6	-0.2	0.4	0.0	50 30	30 30	30 30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
 Lims ID: IC std1 0.02
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 27-Oct-2025 18:03:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0164600-013
 Misc. Info.: IC STD1 0.02
 Operator ID: ecr105096 Instrument ID: 19094
 Sublist: chrom-MSV_19094_25mL*sub1
 Method: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 29-Oct-2025 10:17:20 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JS6E

Date: 28-Oct-2025 02:39:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.819	1.812	0.007	1	1592	0.0200	0.0210	
5 Chloromethane	50	2.001	1.995	0.006	95	2460	0.0200	0.0285	
6 Butadiene	39	2.093	2.081	0.012	85	1322	0.0200	0.0145	M
7 Vinyl chloride	62	2.105	2.105	0.000	71	1762	0.0200	0.0215	M
9 Bromomethane	94	2.410	2.410	0.000	1	652	0.0200	0.0123	
10 Chloroethane	64	2.465	2.453	0.012	1	768	0.0200	0.0176	
11 Dichlorofluoromethane	67	2.672	2.660	0.012	1	2641	0.0200	0.0219	
12 Trichlorofluoromethane	101	2.788	2.757	0.031	1	552	0.0200	0.005319	
13 Ethyl ether	59		2.940				ND	ND	
14 1,2-Dichloro-1,1,2-trifluoroetha	67	3.013	3.013	0.000	1	1799	0.0200	0.0259	
16 Acrolein	56		3.087				ND	ND	
17 1,1-Dichloroethene	96	3.233	3.221	0.012	63	663	0.0200	0.0143	
19 Acetone	43		3.251				ND	ND	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101		3.257				ND	ND	
20 Iodomethane	142	3.416	3.398	0.018	79	1152	0.0200	0.0135	
22 Ethyl bromide	108	3.440	3.422	0.018	1	308	0.0200	0.007240	
23 Carbon disulfide	76	3.519	3.501	0.018	97	3190	0.0200	0.0241	
24 Methyl acetate	43		3.629				ND	ND	U
25 3-Chloro-1-propene	41	3.666	3.648	0.018	1	2797	0.0200	0.0346	M
27 Methylene Chloride	84	3.830	3.812	0.018	1	491	0.0200	0.0105	M
* 28 t-Butyl alcohol-d10 (IS)	65	3.873	3.837	0.036	33	30751	50.0	50.0	
29 2-Methyl-2-propanol	59		3.934				ND	ND	
30 Acrylonitrile	53		4.135				ND	ND	
31 Methyl tert-butyl ether	73	4.214	4.178	0.036	1	822	0.0200	0.007981	
33 trans-1,2-Dichloroethene	96		4.196				ND	ND	
34 Hexane	57	4.623	4.605	0.018	1	743	0.0200	0.0102	
35 1,1-Dichloroethane	63	4.879	4.848	0.031	1	1035	0.0200	0.0108	
37 Isopropyl ether	45	4.916	4.909	0.007	12	1831	0.0200	0.0119	M
38 2-Chloro-1,3-butadiene	53	5.019	4.958	0.061	1	498	0.0200	0.005894	
39 Tert-butyl ethyl ether	59	5.458	5.452	0.006	70	1697	0.0200	0.0123	

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		5.653				ND	ND	
42 cis-1,2-Dichloroethene	96		5.696				ND	ND	
43 2,2-Dichloropropane	77	5.720	5.708	0.012	1	1357	0.0200	0.0159	
44 Propionitrile	54		5.739				ND	ND	
46 Methacrylonitrile	67		5.958				ND	ND	
47 Chlorobromomethane	128		6.031				ND	ND	
48 Tetrahydrofuran	71		6.043				ND	ND	
S 49 1,2-Dichloroethene, Total	100		6.155					ND	
50 Chloroform	83	6.202	6.190	0.012	1	1482	0.0200	0.0159	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.409	0.000	93	430534	10.0	9.82	
52 1,1,1-Trichloroethane	97	6.440	6.421	0.019	35	1106	0.0200	0.0126	M
54 Cyclohexane	56	6.531	6.525	0.006	58	1994	0.0200	0.0203	
55 1,1-Dichloropropene	75	6.659	6.635	0.024	1	823	0.0200	0.0107	
56 Carbon tetrachloride	117	6.653	6.641	0.012	1	923	0.0200	0.0125	
57 Isobutyl alcohol	41		6.793				ND	ND	MU
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.866	0.006	70	80081	10.0	9.90	
59 Benzene	78	6.921	6.897	0.024	83	4031	0.0200	0.0181	
60 1,2-Dichloroethane	62	7.007	6.970	0.037	1	755	0.0200	0.0152	M
62 Tert-amyl methyl ether	73	7.104	7.104	0.000	80	1507	0.0200	0.0130	
* 64 Fluorobenzene (IS)	96	7.317	7.318	-0.001	99	1915919	10.0	10.0	
65 n-Heptane	43	7.342	7.342	0.000	36	2851	0.0200	0.0383	M
66 n-Butanol	56		7.702				ND	ND	
67 Trichloroethene	95	7.830	7.805	0.025	74	730	0.0200	0.0125	
69 Methylcyclohexane	83	8.128	8.122	0.006	19	1443	0.0200	0.0145	
70 1,2-Dichloropropane	63	8.171	8.141	0.030	63	553	0.0200	0.0106	
71 2-ethoxy-2-methyl butane	87	8.165	8.165	0.000	79	1044	0.0200	0.0131	
72 Methyl methacrylate	69		8.244				ND	ND	
73 1,4-Dioxane	88		8.250				ND	ND	
74 Dibromomethane	93		8.256				ND	ND	
76 Dichlorobromomethane	83	8.506	8.500	0.006	1	572	0.0200	0.009546	M
77 2-Nitropropane	41		8.762				ND	ND	U
79 1-Bromo-2-chloroethane	63		8.896				ND	ND	
80 cis-1,3-Dichloropropene	75		9.067				ND	ND	U
81 4-Methyl-2-pentanone (MIBK)	43	9.281	9.256	0.024	31	3994	0.2000	0.3656	M
\$ 82 Toluene-d8 (Surr)	98	9.402	9.396	0.006	94	1917689	10.0	9.85	
84 Toluene	92	9.494	9.482	0.012	97	2779	0.0200	0.0191	
85 trans-1,3-Dichloropropene	75		9.762				ND	ND	
86 Ethyl methacrylate	69		9.835				ND	ND	U
87 1,1,2-Trichloroethane	97		9.969				ND	ND	U
S 106 1,3-Dichloropropene, Total	100		10.060					ND	
107 Tetrachloroethene	166	10.073	10.061	0.012	85	1124	0.0200	0.0171	
108 1,3-Dichloropropane	76	10.152	10.140	0.012	1	617	0.0200	0.0117	M
109 2-Hexanone	43		10.195				ND	ND	MU
111 Chlorodibromomethane	129	10.366	10.366	0.000	1	452	0.0200	0.0117	
112 Ethylene Dibromide	107		10.475				ND	ND	
* 113 Chlorobenzene-d5 (IS)	117	10.927	10.927	0.000	87	1379869	10.0	10.0	
114 1-Chlorohexane	91	10.933	10.939	-0.006	52	4741	0.0200	0.0562	M
115 Chlorobenzene	112	10.951	10.951	0.000	83	2724	0.0200	0.0183	
116 1,1,1,2-Tetrachloroethane	131	11.042	11.036	0.006	1	557	0.0200	0.0110	
117 Ethylbenzene	91	11.048	11.042	0.006	96	5114	0.0200	0.0180	
118 m-Xylene & p-Xylene	106	11.170	11.164	0.006	97	3307	0.0400	0.0299	M
S 119 Xylenes, Total	106				0			0.0437	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
120 o-Xylene	106	11.506	11.500	0.006	92	1431	0.0200	0.0137	
121 Styrene	104	11.536	11.512	0.024	1	2256	0.0200	0.0138	M
122 Bromoform	173	11.676	11.670	0.006	1	632	0.0200	0.0315	
123 Isopropylbenzene	105	11.810	11.804	0.006	92	4490	0.0200	0.0158	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	88	689911	10.0	9.86	
127 1,1,2,2-Tetrachloroethane	83		12.054				ND	ND	
128 Bromobenzene	156	12.073	12.067	0.006	84	692	0.0200	0.0124	
129 trans-1,4-Dichloro-2-butene	53	12.097	12.079	0.018	1	623	0.2000	0.1651	M
130 1,2,3-Trichloropropane	110		12.097				ND	ND	
131 N-Propylbenzene	91	12.146	12.140	0.006	97	5528	0.0200	0.0170	
132 2-Chlorotoluene	126	12.225	12.213	0.012	91	782	0.0200	0.0127	
133 1,3,5-Trimethylbenzene	105	12.280	12.280	0.000	90	3992	0.0200	0.0173	
134 4-Chlorotoluene	126	12.323	12.304	0.019	88	883	0.0200	0.0141	M
135 tert-Butylbenzene	134	12.524	12.524	0.000	88	668	0.0200	0.0135	
136 Pentachloroethane	167		12.548				ND	ND	
137 1,2,4-Trimethylbenzene	105	12.573	12.566	0.007	93	3802	0.0200	0.0162	
138 sec-Butylbenzene	105	12.688	12.688	0.000	93	4615	0.0200	0.0161	
139 1,3-Dichlorobenzene	146	12.792	12.786	0.006	65	1864	0.0200	0.0164	
140 4-Isopropyltoluene	119	12.798	12.798	0.000	93	3750	0.0200	0.0151	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	737722	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.853	12.859	-0.006	39	2042	0.0200	0.0176	
143 1,2,3-Trimethylbenzene	120	12.871	12.871	0.000	91	1508	0.0200	0.0156	
144 Benzyl chloride	126		12.932				ND	ND	
145 p-Diethylbenzene	119	13.072	13.072	0.000	88	2442	0.0200	0.0166	
146 n-Butylbenzene	92	13.097	13.091	0.006	95	1521	0.0200	0.0128	
147 1,2-Dichlorobenzene	146	13.127	13.115	0.012	13	1578	0.0200	0.0158	
148 1,2-Dibromo-3-Chloropropane	155		13.664				ND	ND	
150 1,3,5-Trichlorobenzene	180	13.792	13.792	0.000	84	1221	0.0200	0.0153	
151 1,2,4-Trichlorobenzene	180	14.225	14.213	0.013	75	944	0.0200	0.0153	
152 Hexachlorobutadiene	225	14.304	14.298	0.006	1	383	0.0200	0.0142	
153 Naphthalene	128	14.408	14.389	0.019	88	1368	0.0200	0.0134	
154 1,2,3-Trichlorobenzene	180	14.542	14.530	0.012	79	484	0.0200	0.009637	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

MSV_LL_GAS826_00295

Amount Added: 0.40

Units: uL

MSV_LL_#1_826_00182

Amount Added: 0.40

Units: uL

MSV_LL_#2_826_00196

Amount Added: 0.40

Units: uL

MSV_LLcentISS_00019

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 29-Oct-2025 10:17:21

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D

Injection Date: 27-Oct-2025 18:03:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: IC std1 0.02

Worklist Smp#: 13

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

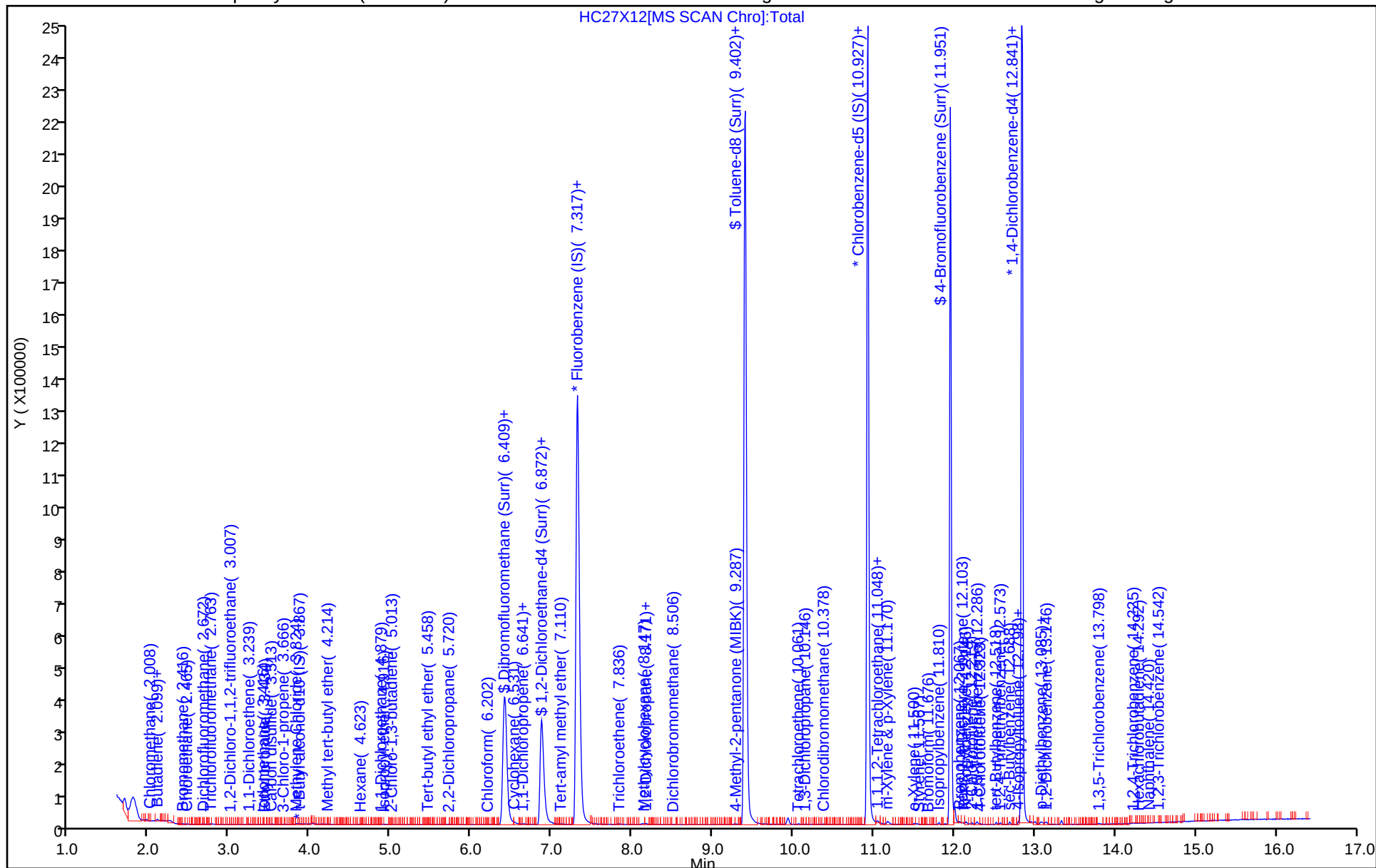
ALS Bottle#: 12

Method: MSV_19094_25mL

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

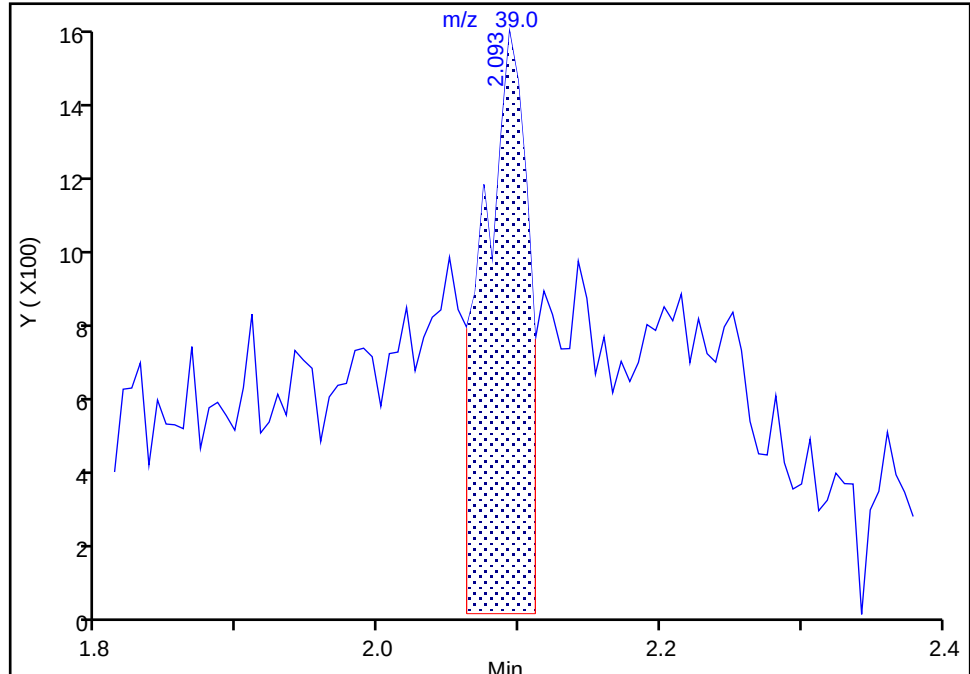
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Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

6 Butadiene, CAS: 106-99-0

Signal: 1

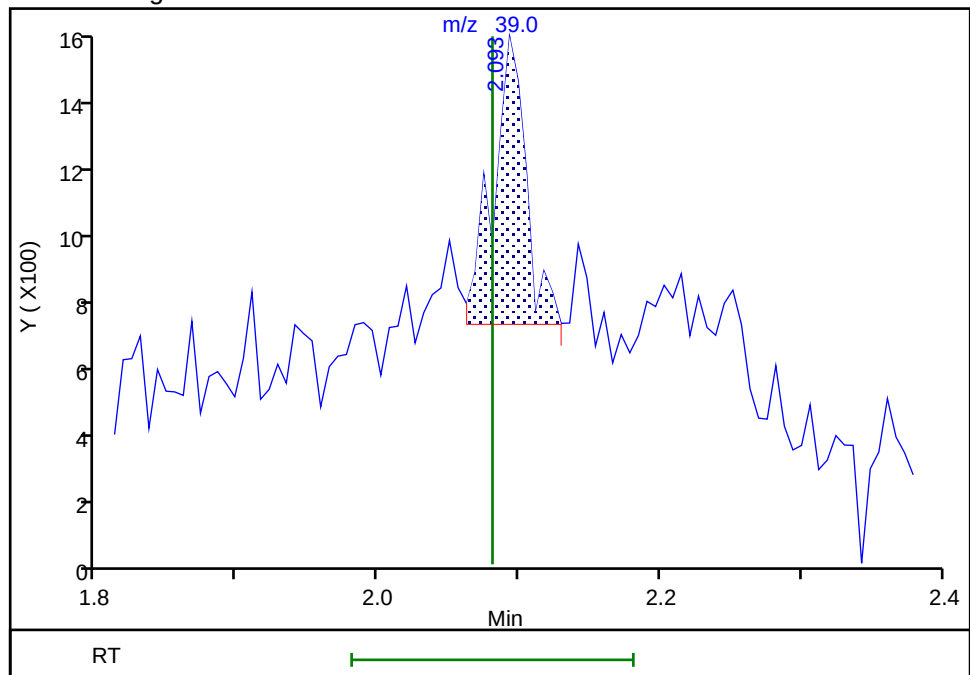
RT: 2.09
Area: 3490
Amount: 0.034725
Amount Units: ug/l

Processing Integration Results



RT: 2.09
Area: 1322
Amount: 0.014487
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:36:10 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

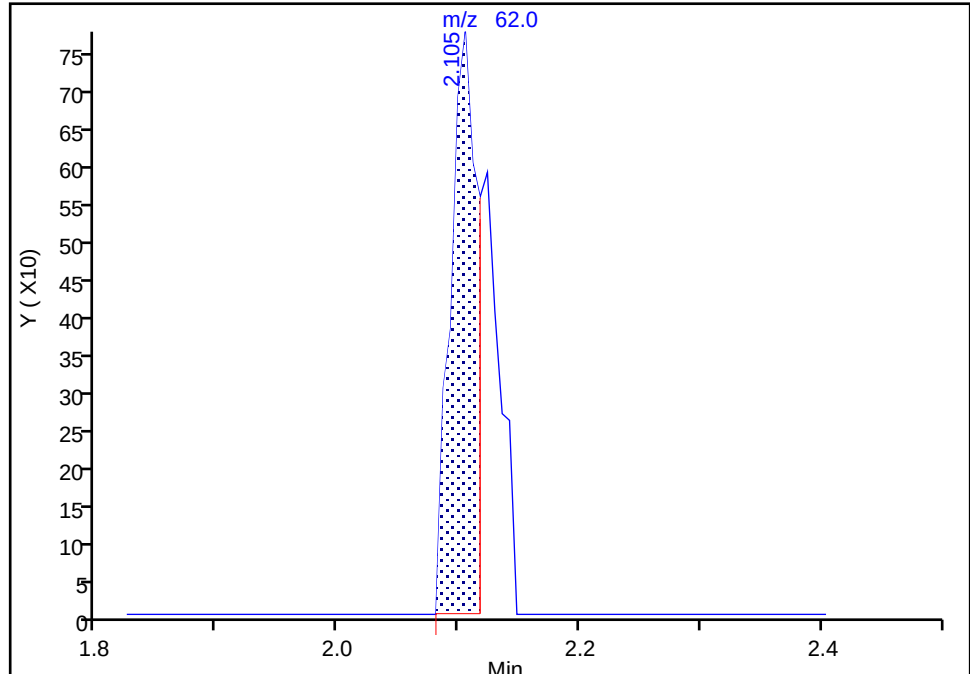
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Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

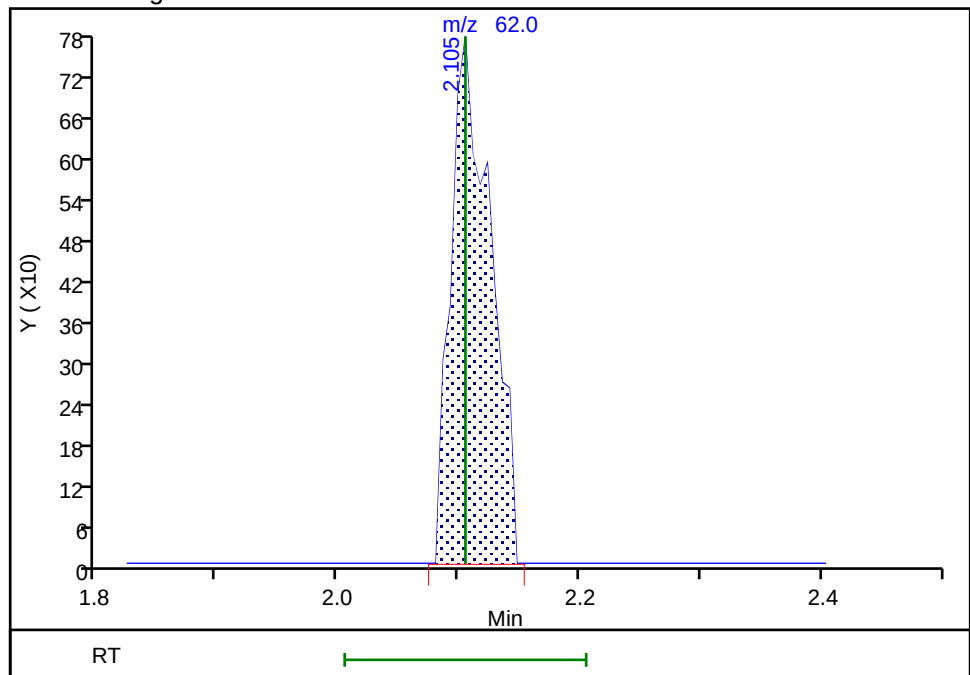
RT: 2.11
Area: 1207
Amount: 0.015273
Amount Units: ug/l

Processing Integration Results



RT: 2.11
Area: 1762
Amount: 0.021459
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:36:15 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

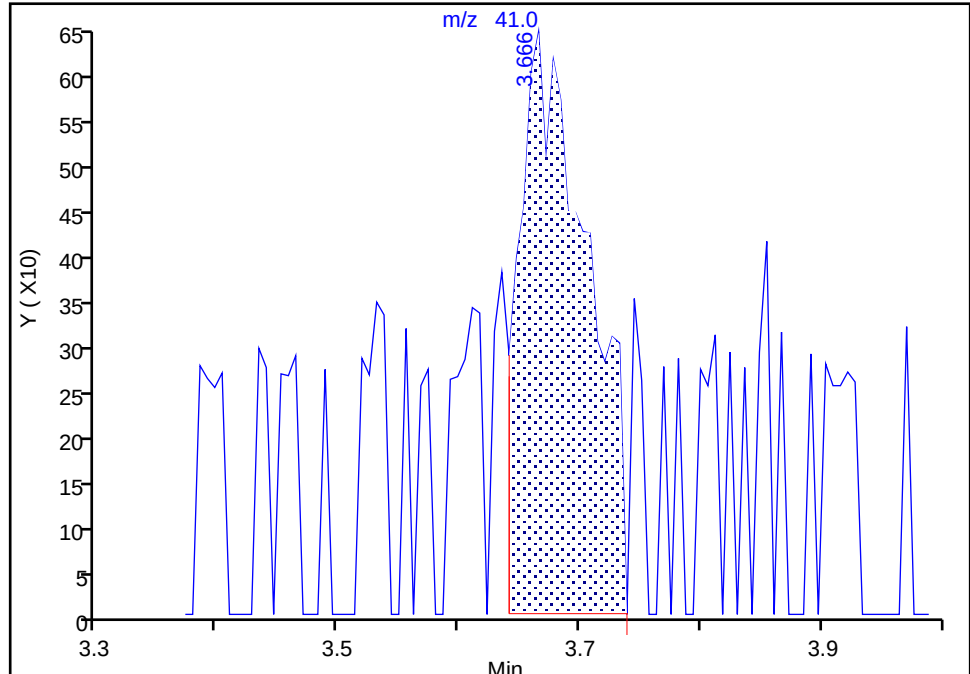
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Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

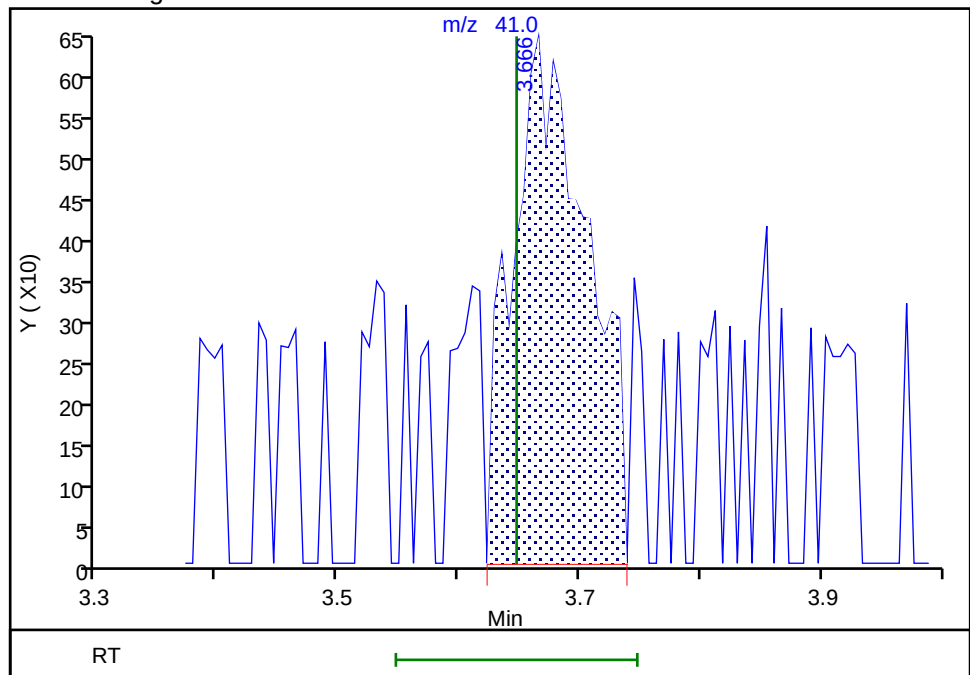
RT: 3.67
Area: 2545
Amount: 0.028903
Amount Units: ug/l

Processing Integration Results



RT: 3.67
Area: 2797
Amount: 0.034590
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:36:32 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

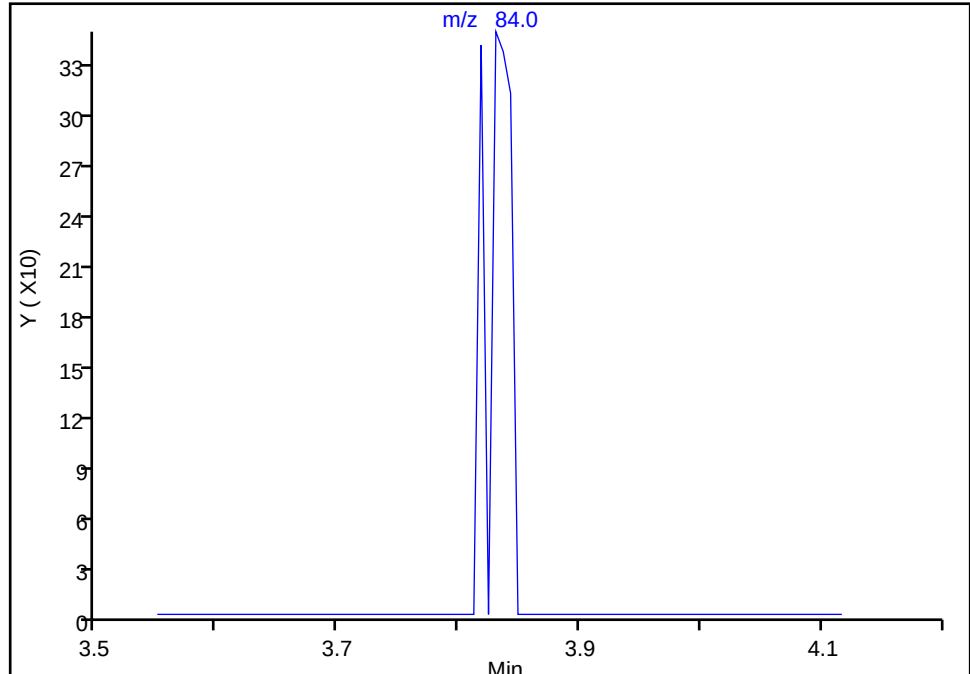
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Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

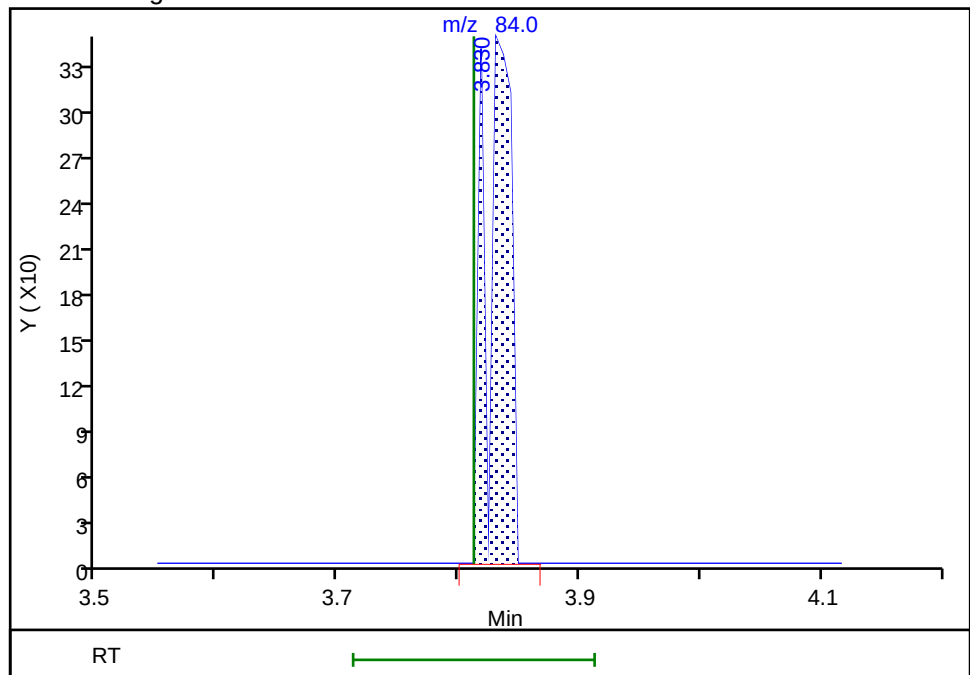
Not Detected
Expected RT: 3.81

Processing Integration Results



RT: 3.83
Area: 491
Amount: 0.010481
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:36:37 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

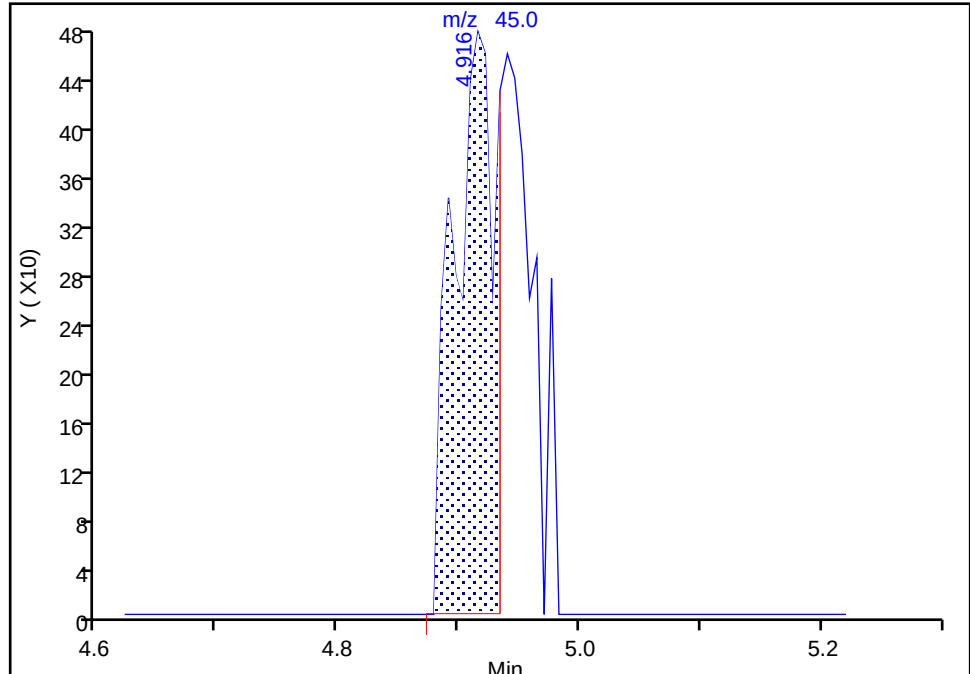
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Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

37 Isopropyl ether, CAS: 108-20-3

Signal: 1

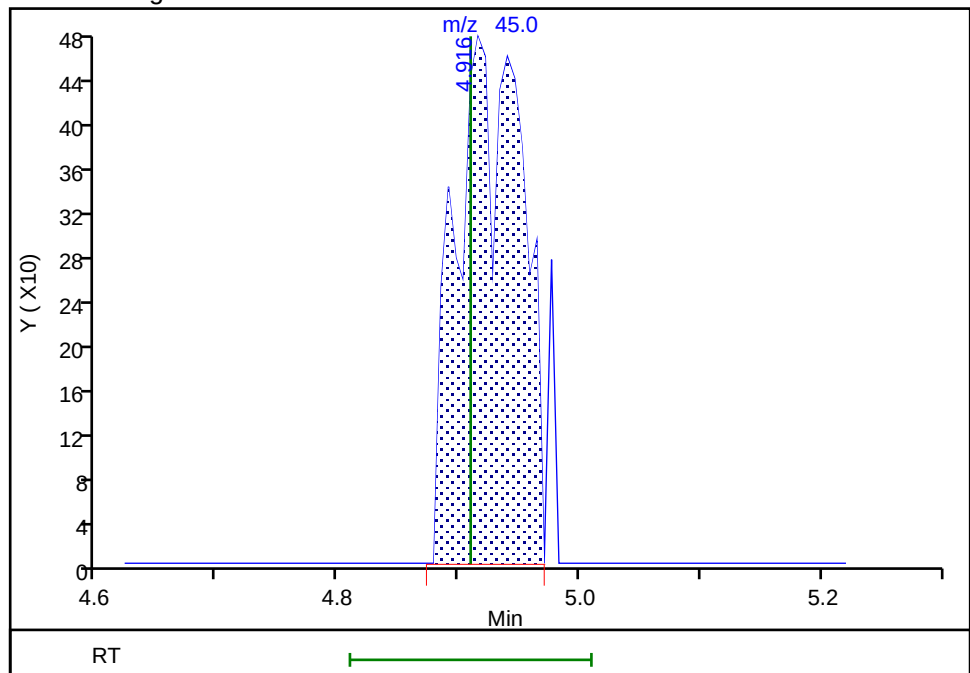
RT: 4.92
Area: 1163
Amount: 0.008149
Amount Units: ug/l

Processing Integration Results



RT: 4.92
Area: 1831
Amount: 0.011944
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:36:50 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

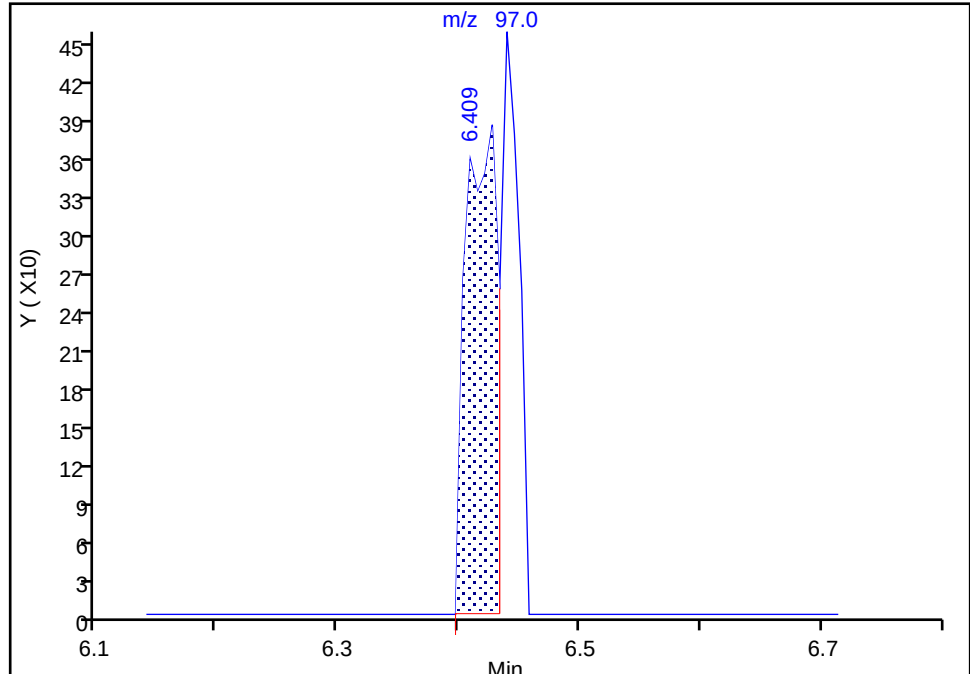
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Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

52 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

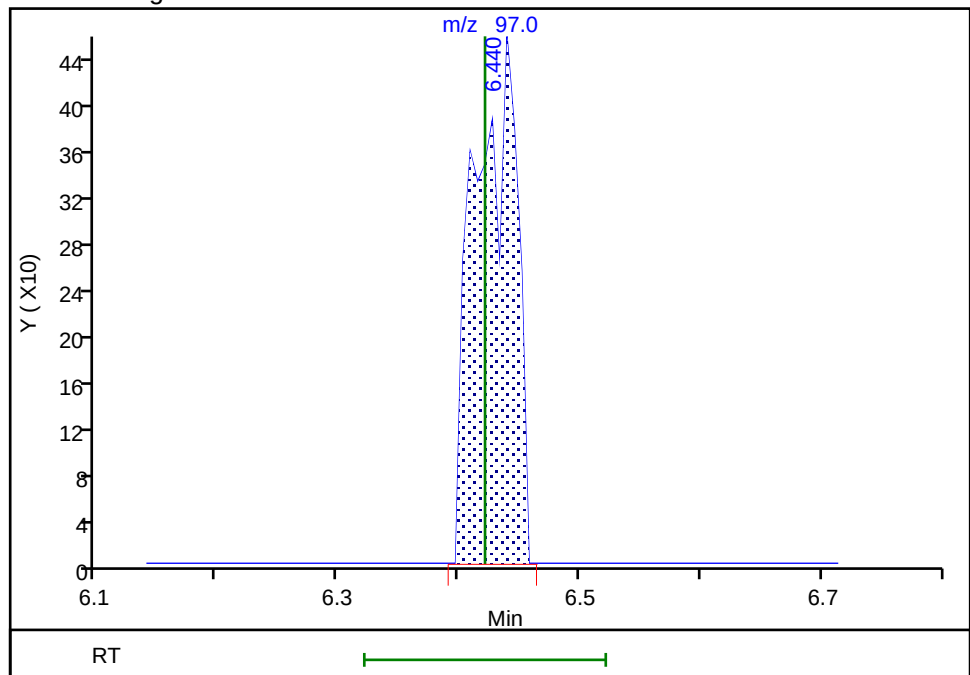
RT: 6.41
Area: 708
Amount: 0.008622
Amount Units: ug/l

Processing Integration Results



RT: 6.44
Area: 1106
Amount: 0.012575
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:37:00 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

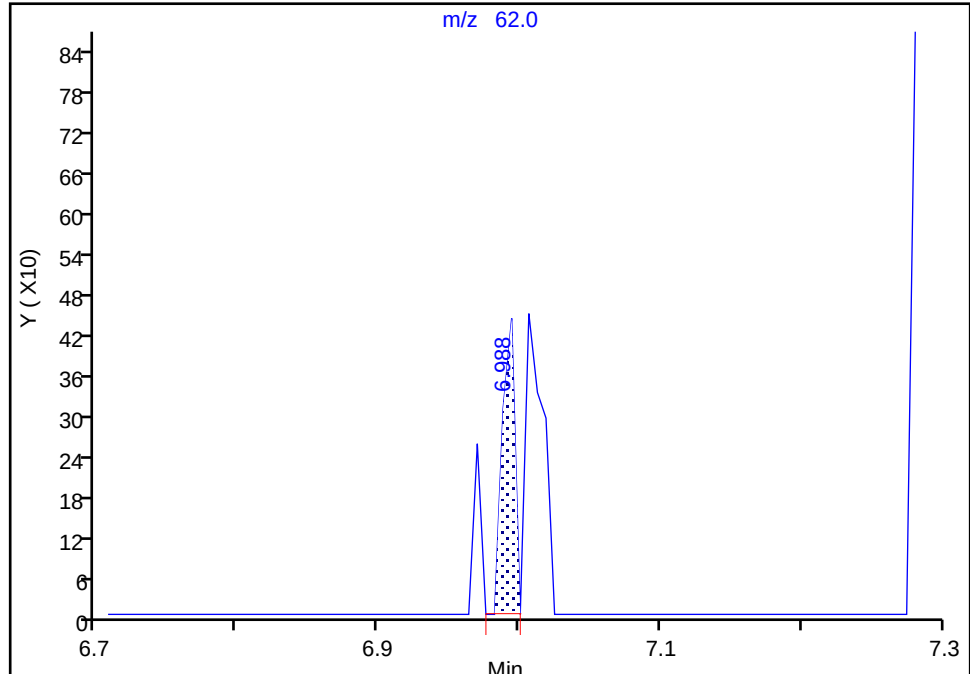
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

60 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

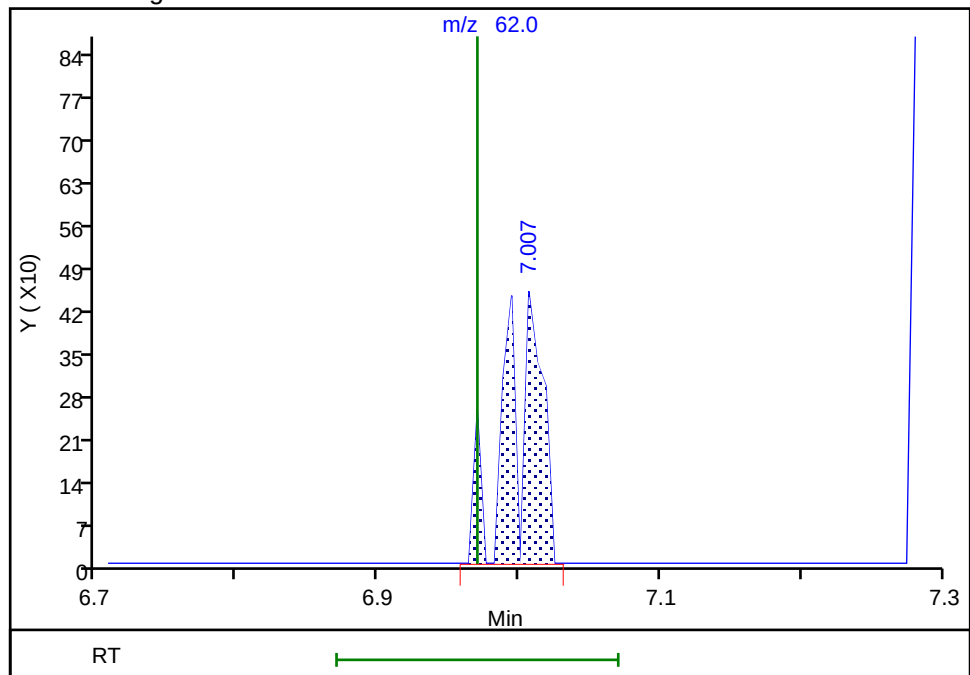
RT: 6.99
Area: 272
Amount: 0.005973
Amount Units: ug/l

Processing Integration Results



RT: 7.01
Area: 755
Amount: 0.015244
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:37:18 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

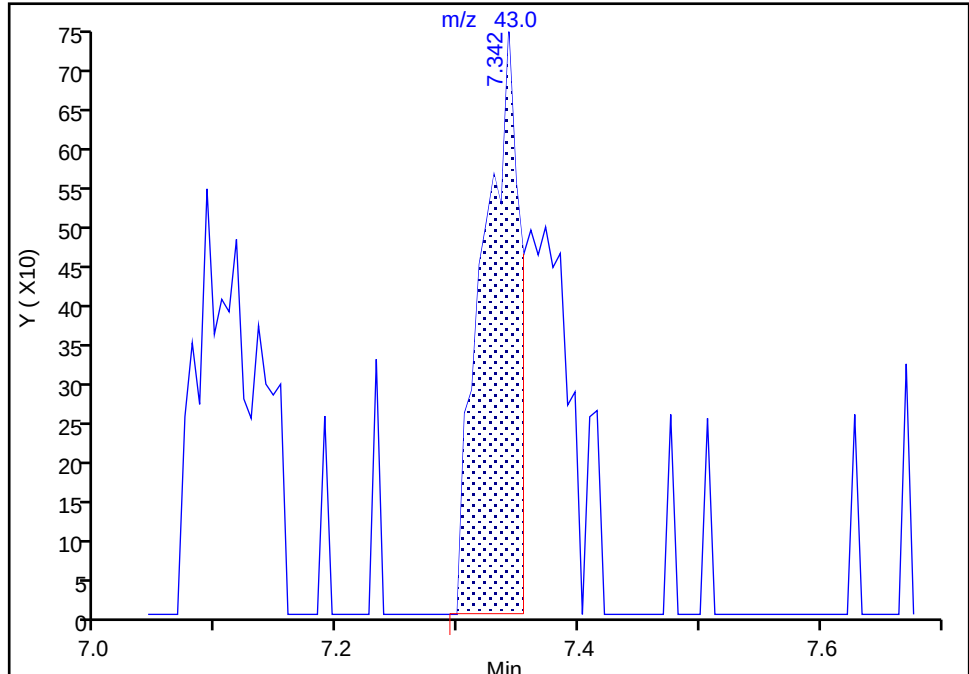
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

65 n-Heptane, CAS: 142-82-5

Signal: 1

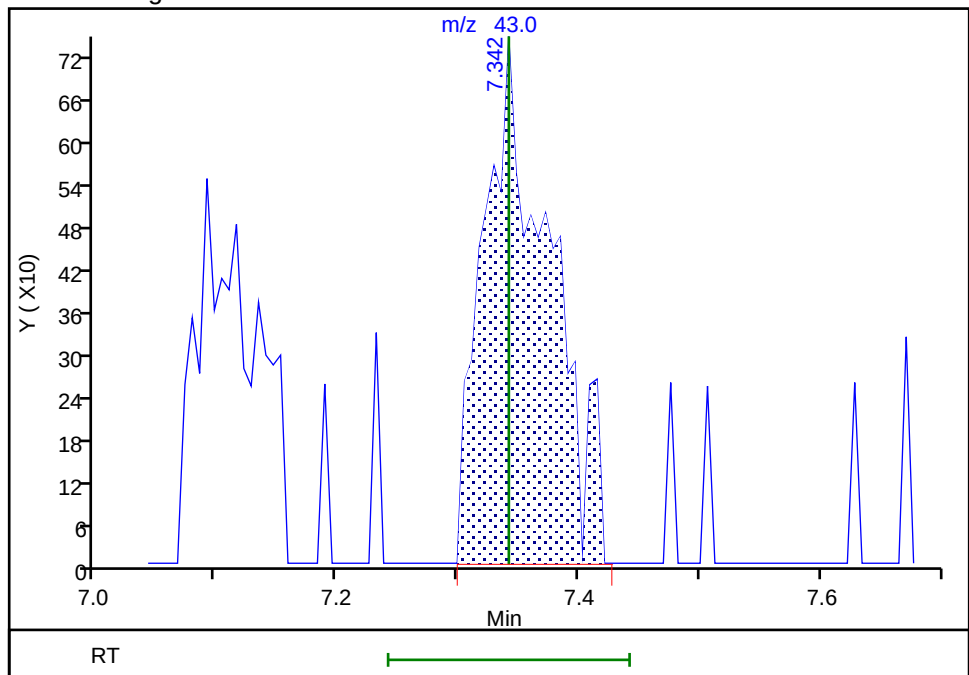
RT: 7.34
Area: 1594
Amount: 0.020577
Amount Units: ug/l

Processing Integration Results



RT: 7.34
Area: 2851
Amount: 0.038265
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:37:27 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

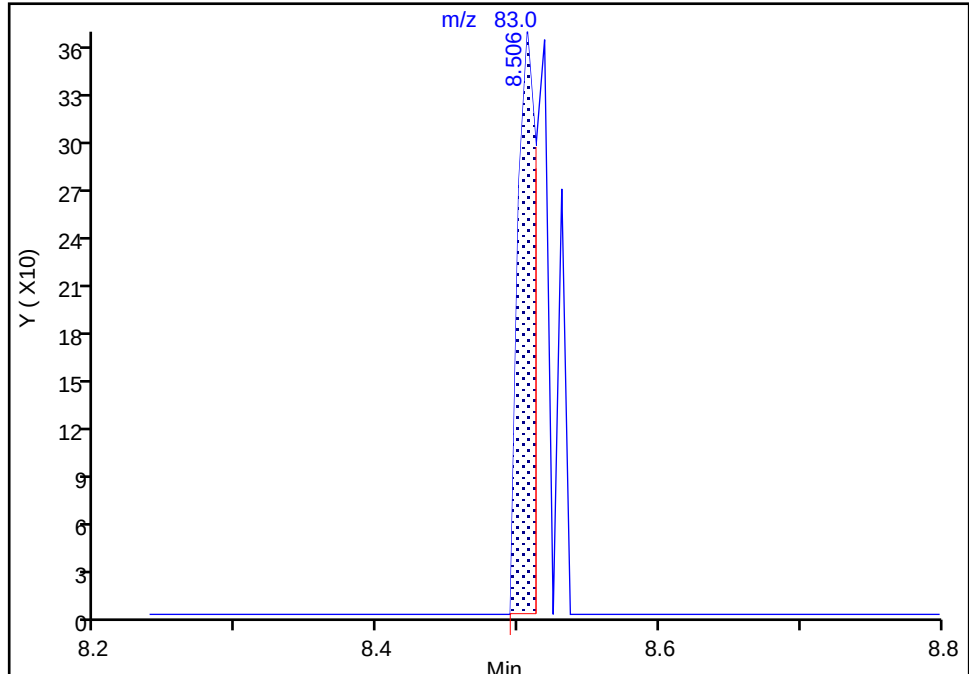
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

76 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

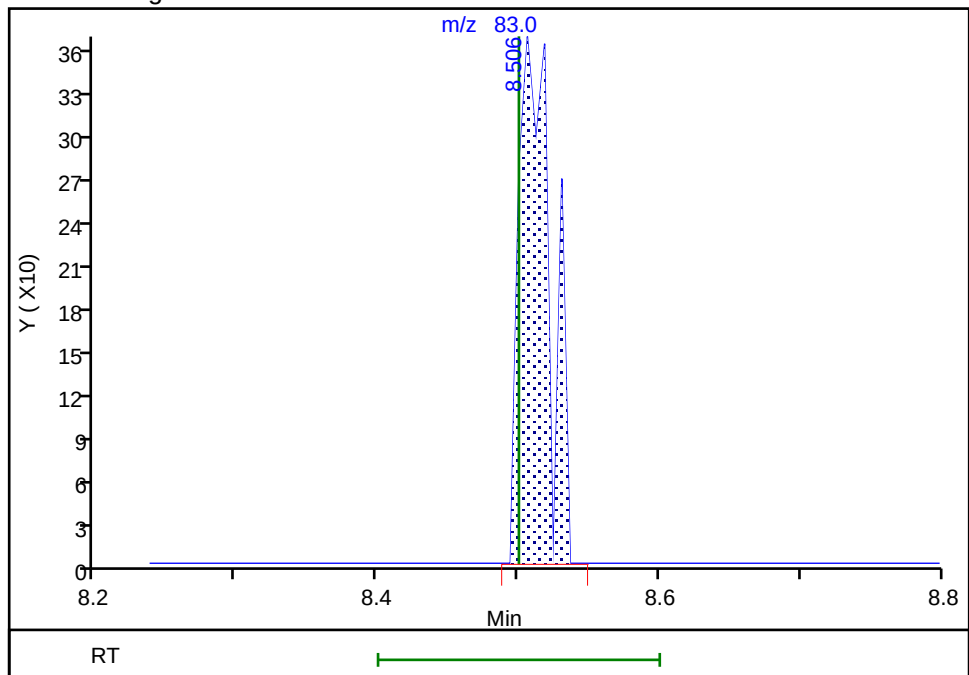
RT: 8.51
Area: 342
Amount: 0.006200
Amount Units: ug/l

Processing Integration Results



RT: 8.51
Area: 572
Amount: 0.009546
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:37:36 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

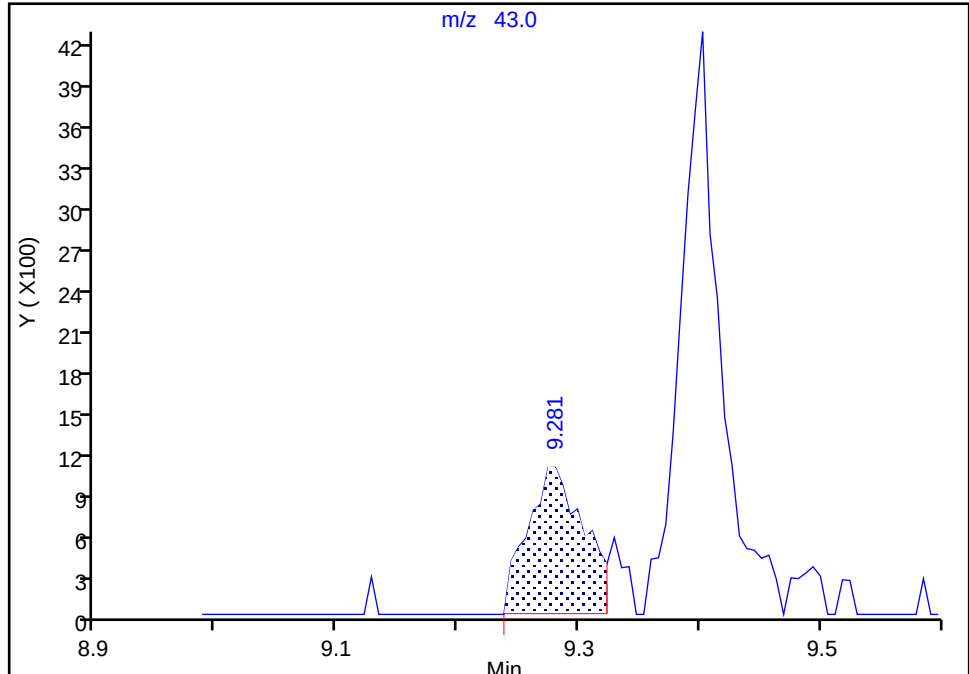
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

81 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

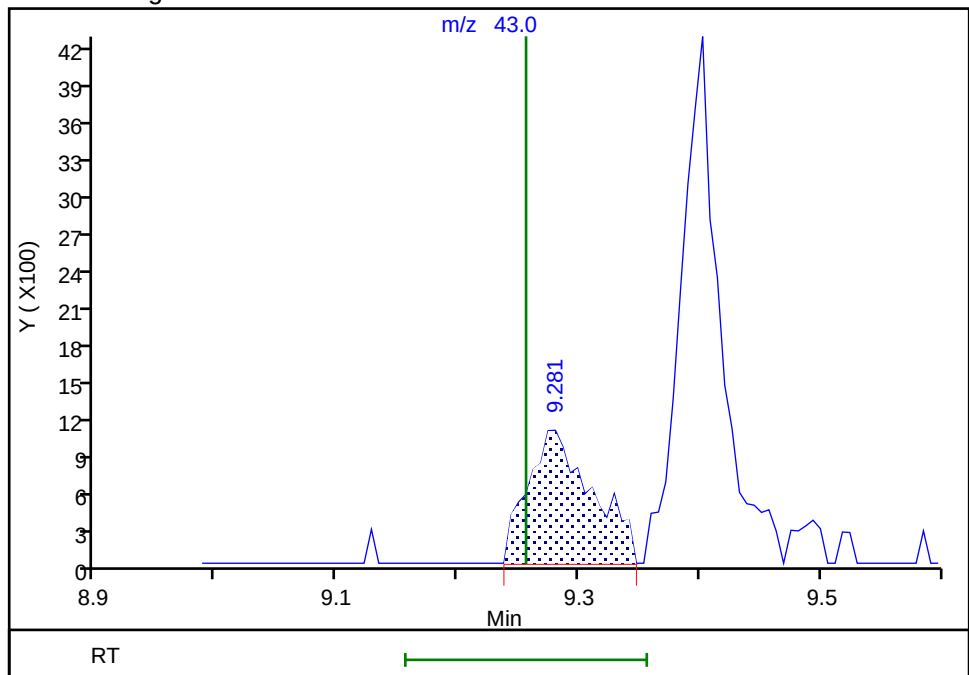
RT: 9.28
Area: 3533
Amount: 0.313624
Amount Units: ug/l

Processing Integration Results



RT: 9.28
Area: 3994
Amount: 0.365598
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:37:54 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

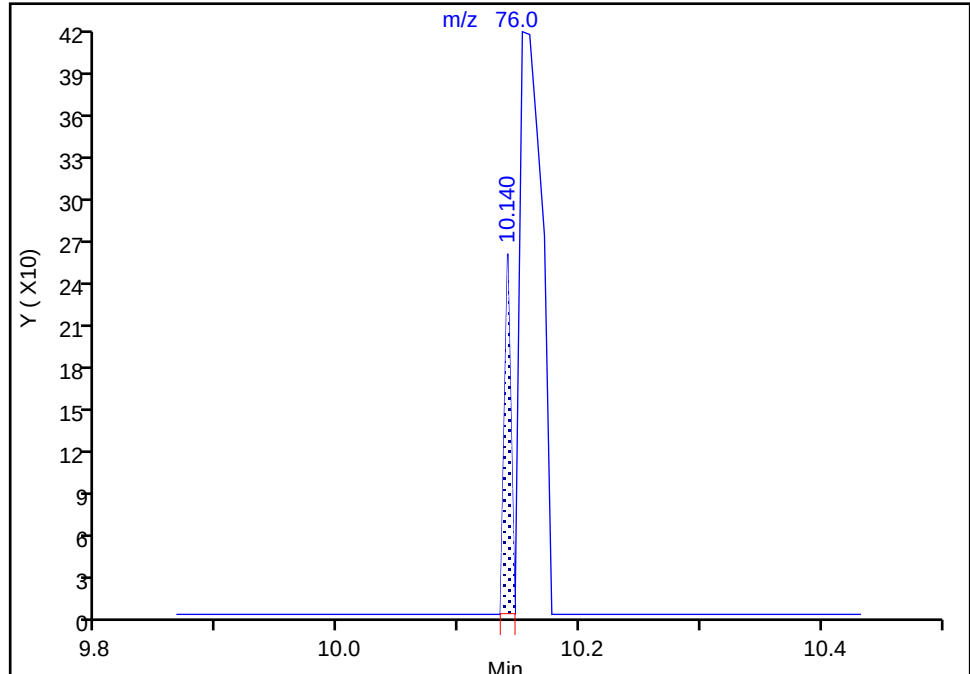
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

108 1,3-Dichloropropane, CAS: 142-28-9

Signal: 1

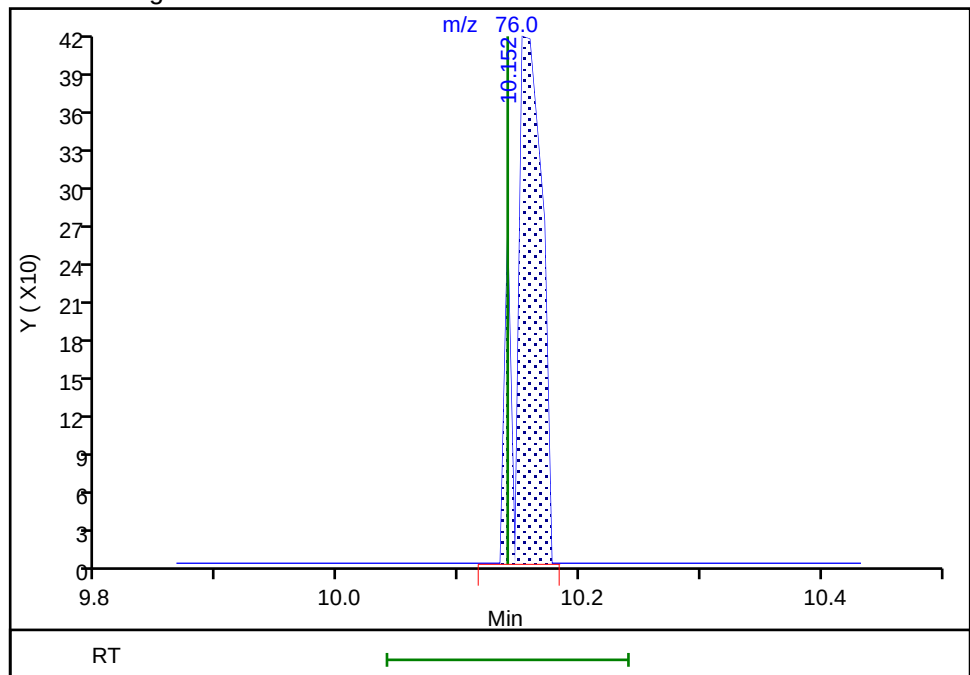
RT: 10.14
Area: 93
Amount: 0.019837
Amount Units: ug/l

Processing Integration Results



RT: 10.15
Area: 617
Amount: 0.011691
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:38:06 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

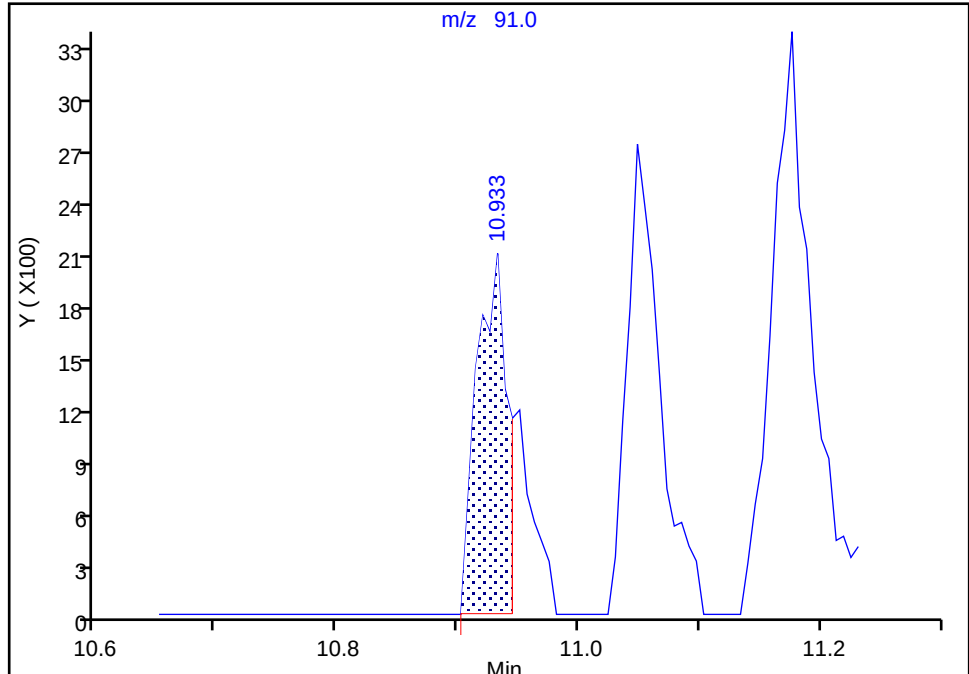
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

114 1-Chlorohexane, CAS: 544-10-5

Signal: 1

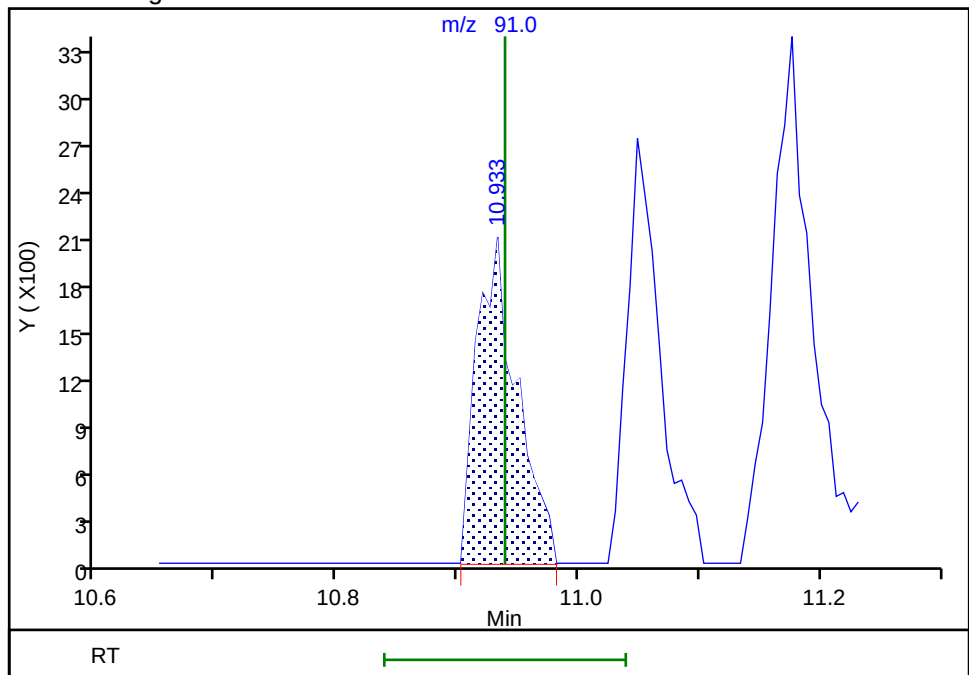
RT: 10.93
Area: 3607
Amount: 0.036213
Amount Units: ug/l

Processing Integration Results



RT: 10.93
Area: 4741
Amount: 0.056241
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:38:22 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

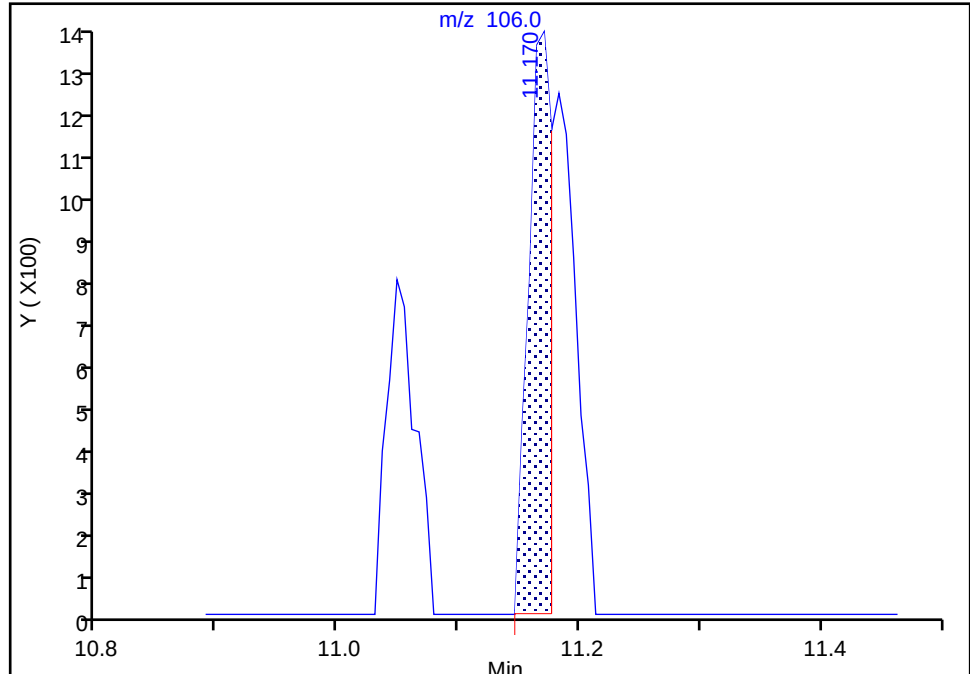
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

118 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

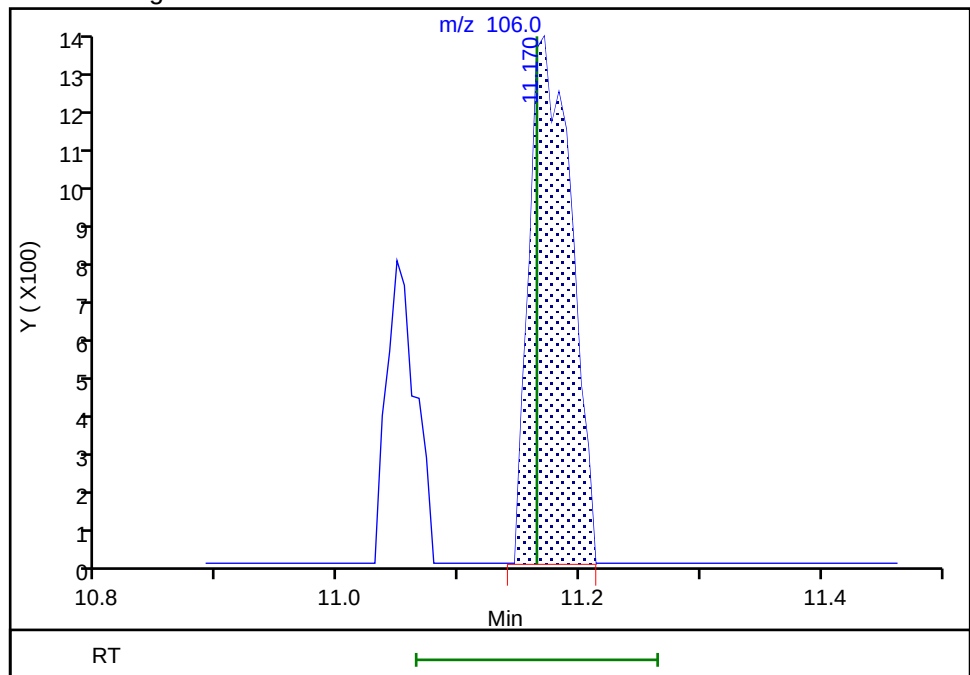
RT: 11.17
Area: 1856
Amount: 0.018263
Amount Units: ug/l

Processing Integration Results



RT: 11.17
Area: 3307
Amount: 0.029920
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:38:33 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

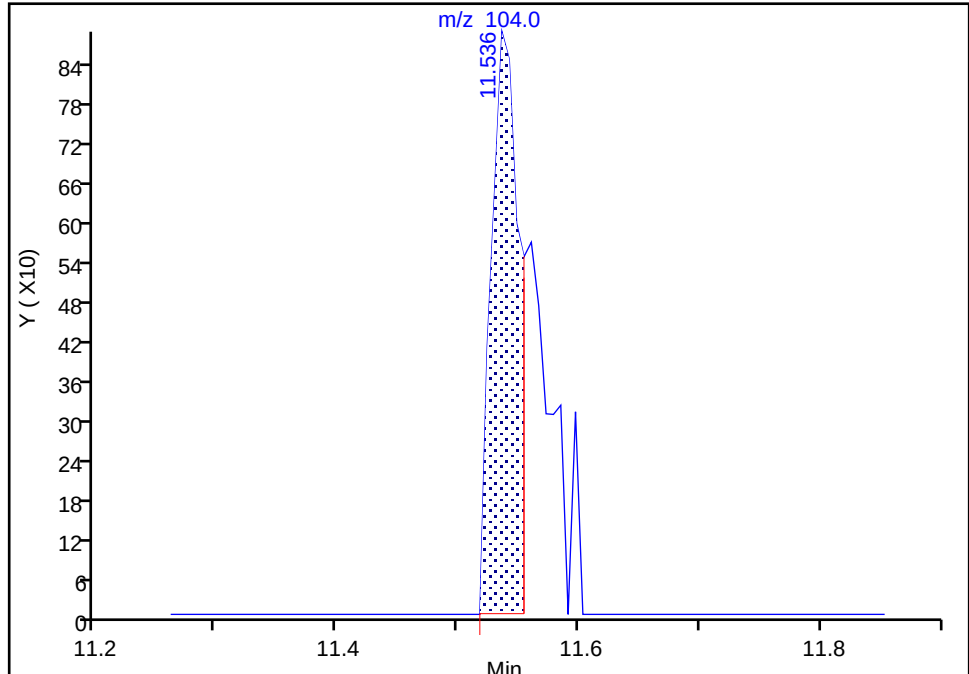
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

121 Styrene, CAS: 100-42-5

Signal: 1

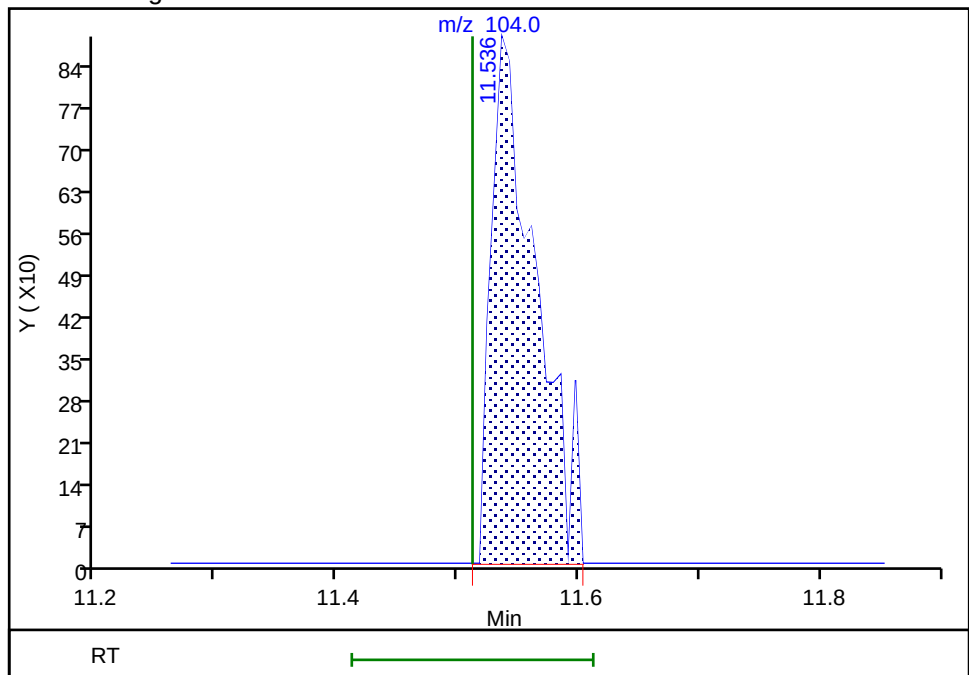
RT: 11.54
Area: 1428
Amount: 0.020544
Amount Units: ug/l

Processing Integration Results



RT: 11.54
Area: 2256
Amount: 0.013833
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:38:38 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

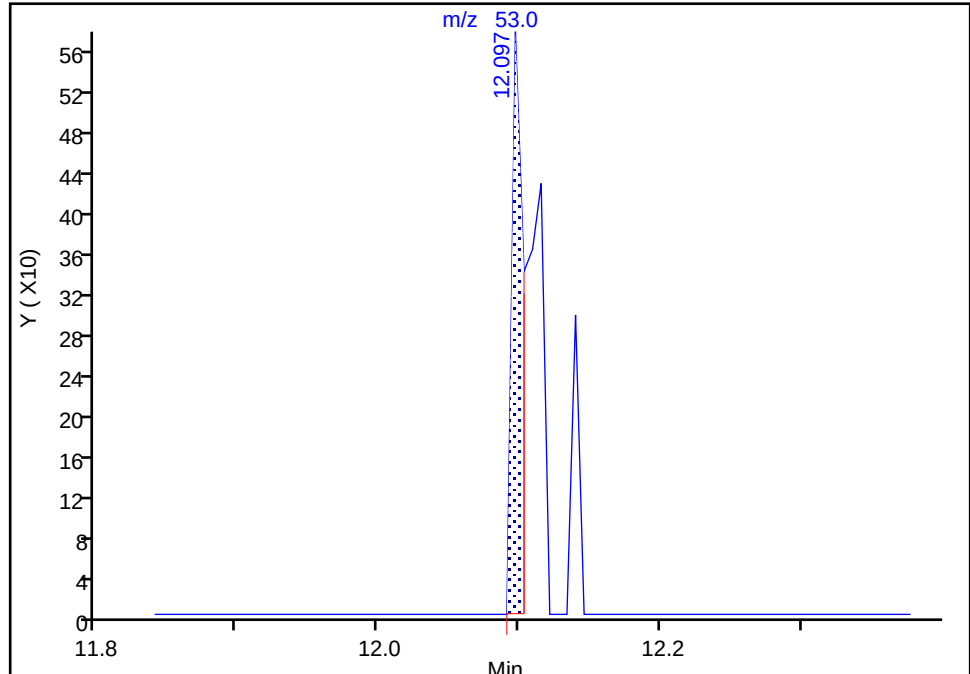
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

129 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

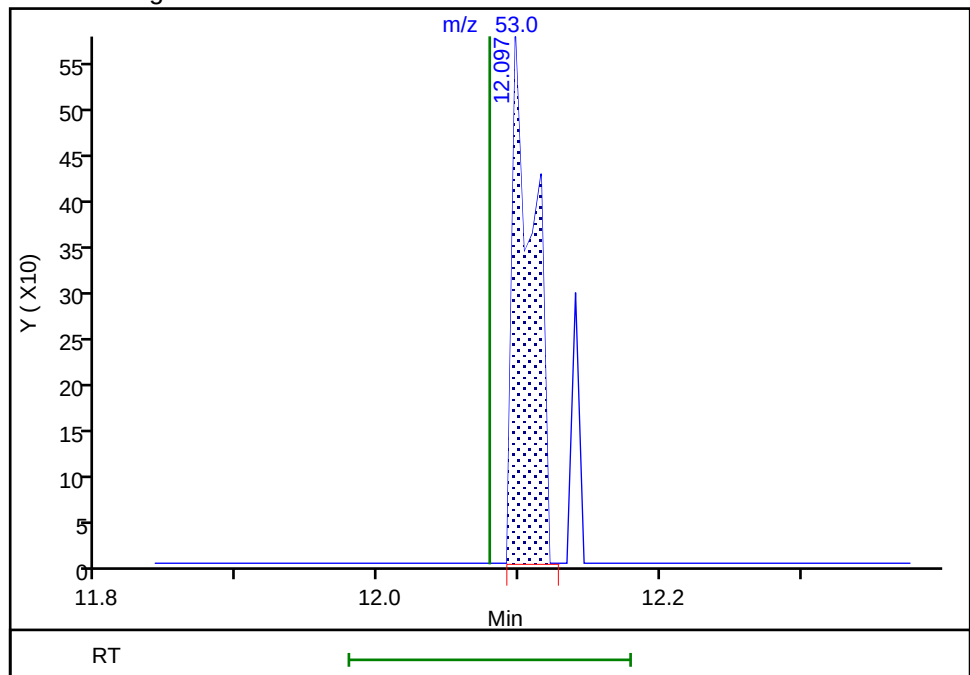
RT: 12.10
Area: 335
Amount: 0.098753
Amount Units: ug/l

Processing Integration Results



RT: 12.10
Area: 623
Amount: 0.165056
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:38:51 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

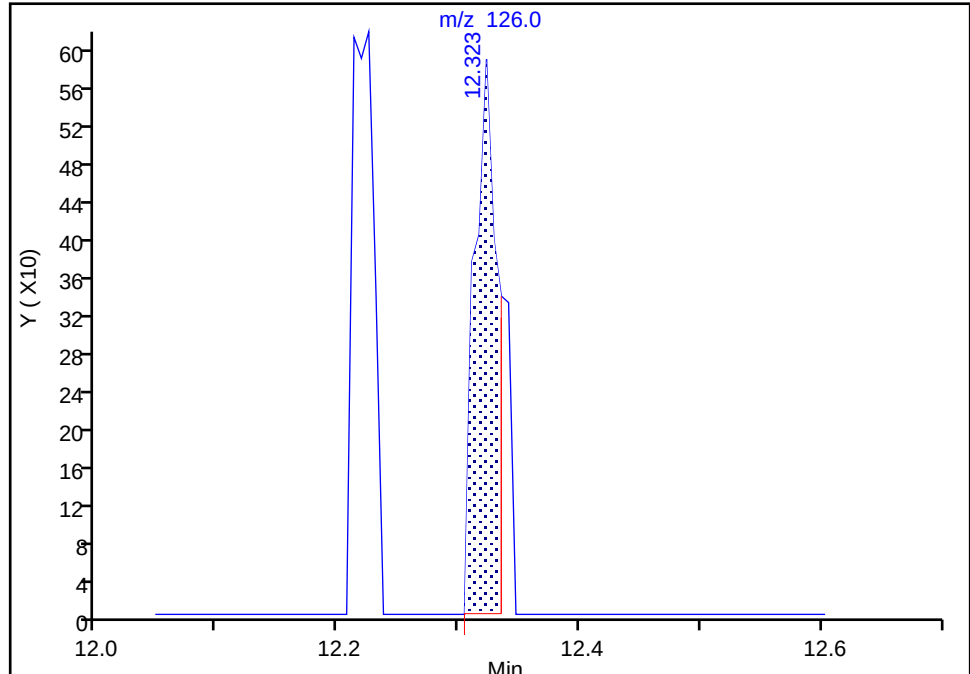
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

134 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

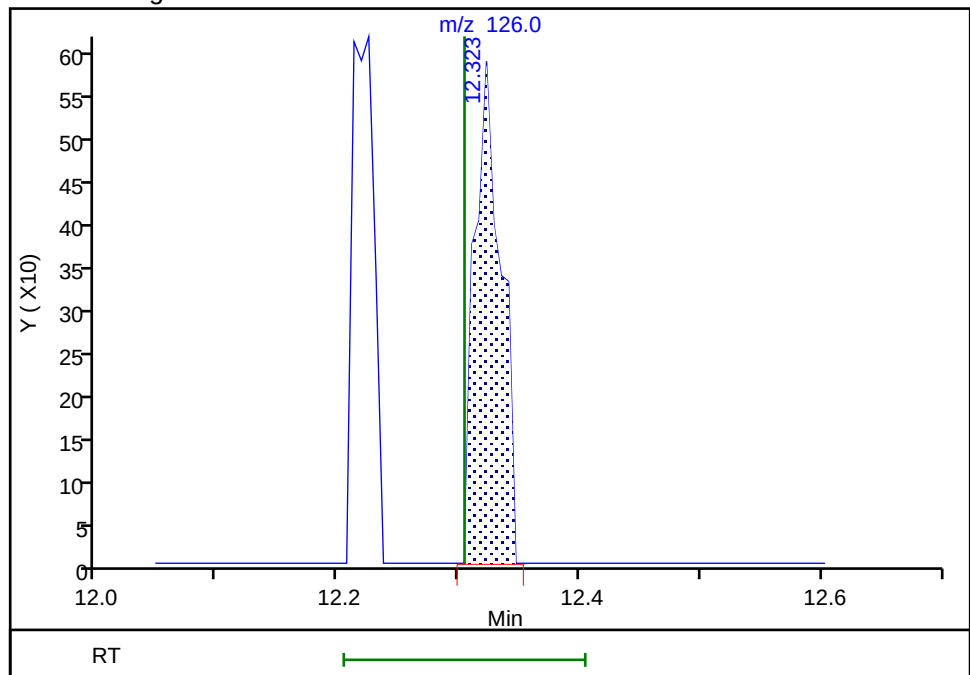
RT: 12.32
Area: 763
Amount: 0.013096
Amount Units: ug/l

Processing Integration Results



RT: 12.32
Area: 883
Amount: 0.014110
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:39:03 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D

Injection Date: 27-Oct-2025 18:03:30

Instrument ID: 19094

Lims ID: IC std1 0.02

Client ID:

Operator ID: ecr105096

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV_19094_25mL

Limit Group:

MSV - 8260C_D

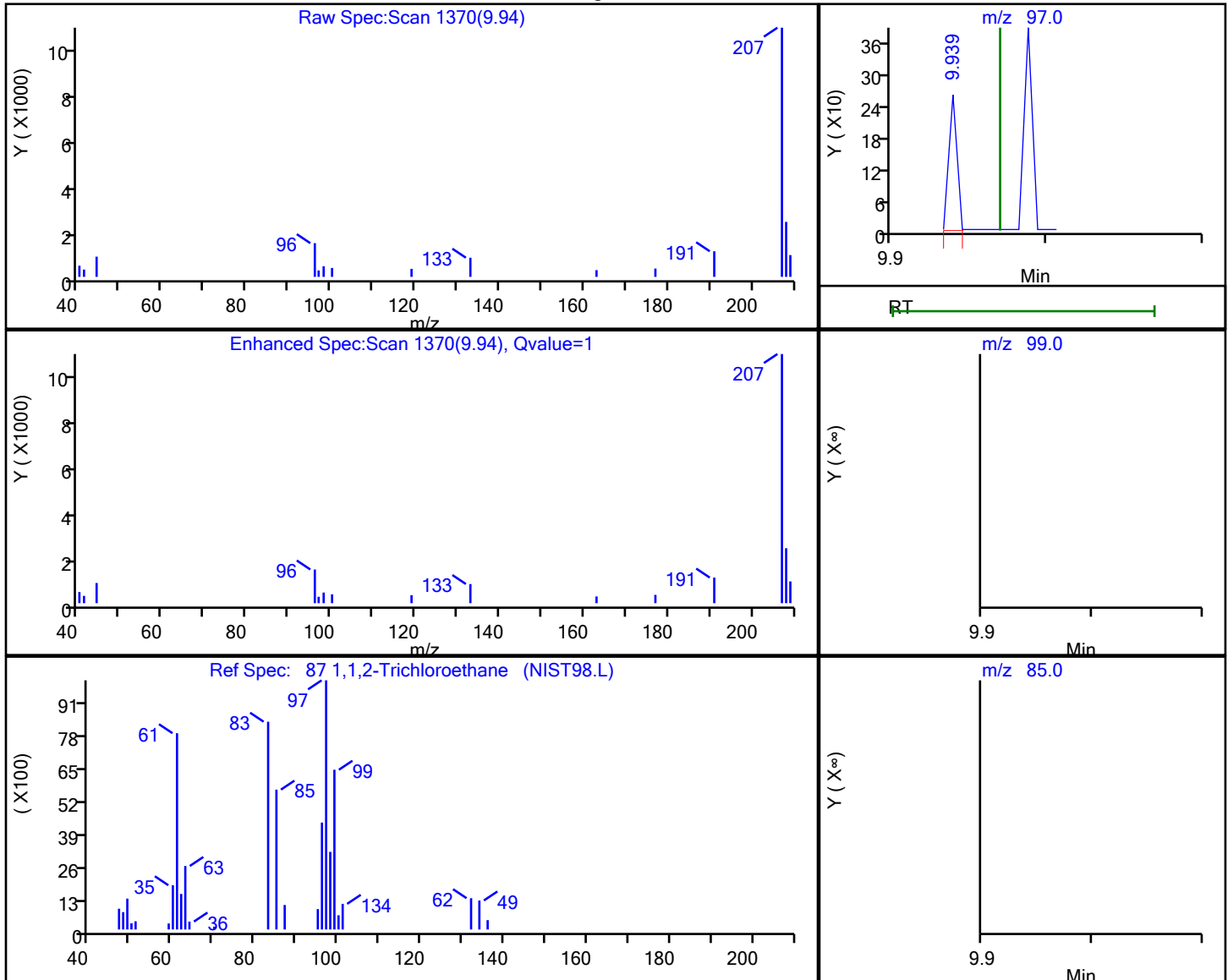
Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

Detector:

MS Quad

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
9.94	97.00	95	0.019051
9.98	99.00	0	
9.98	85.00	0	
9.98	83.00	0	

Reviewer: JS6E, 28-Oct-2025 02:38:00 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D

Injection Date: 27-Oct-2025 18:03:30

Instrument ID: 19094

Lims ID: IC std1 0.02

Client ID:

Operator ID: ecr105096

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV_19094_25mL

Limit Group:

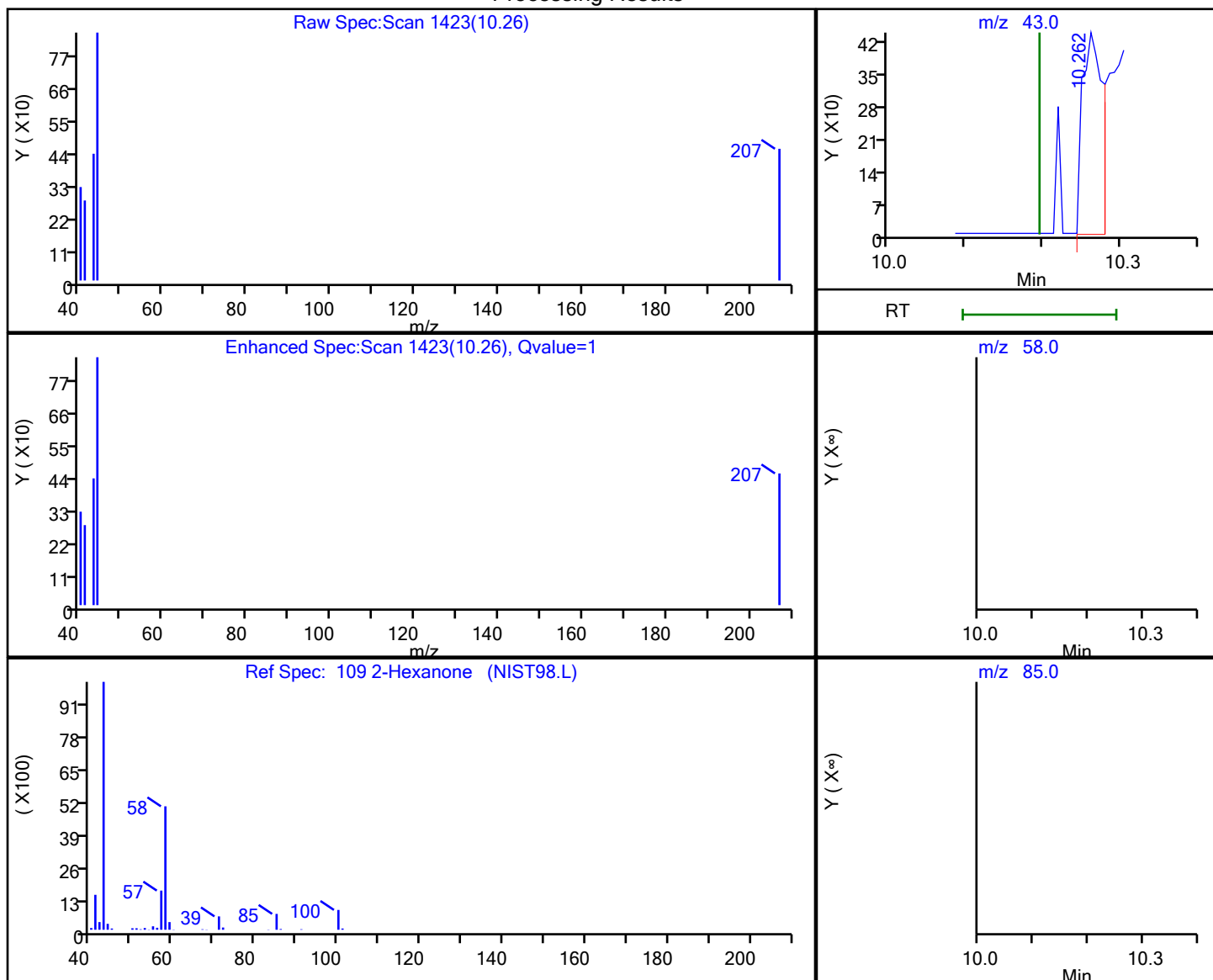
MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

109 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
10.26	43.00	792	0.124548
10.20	58.00	0	
10.20	85.00	0	
10.20	100.00	0	

Reviewer: JS6E, 28-Oct-2025 02:38:14 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D

Injection Date: 27-Oct-2025 18:03:30

Instrument ID: 19094

Lims ID: IC std1 0.02

Client ID:

Operator ID: ecr105096

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV_19094_25mL

Limit Group:

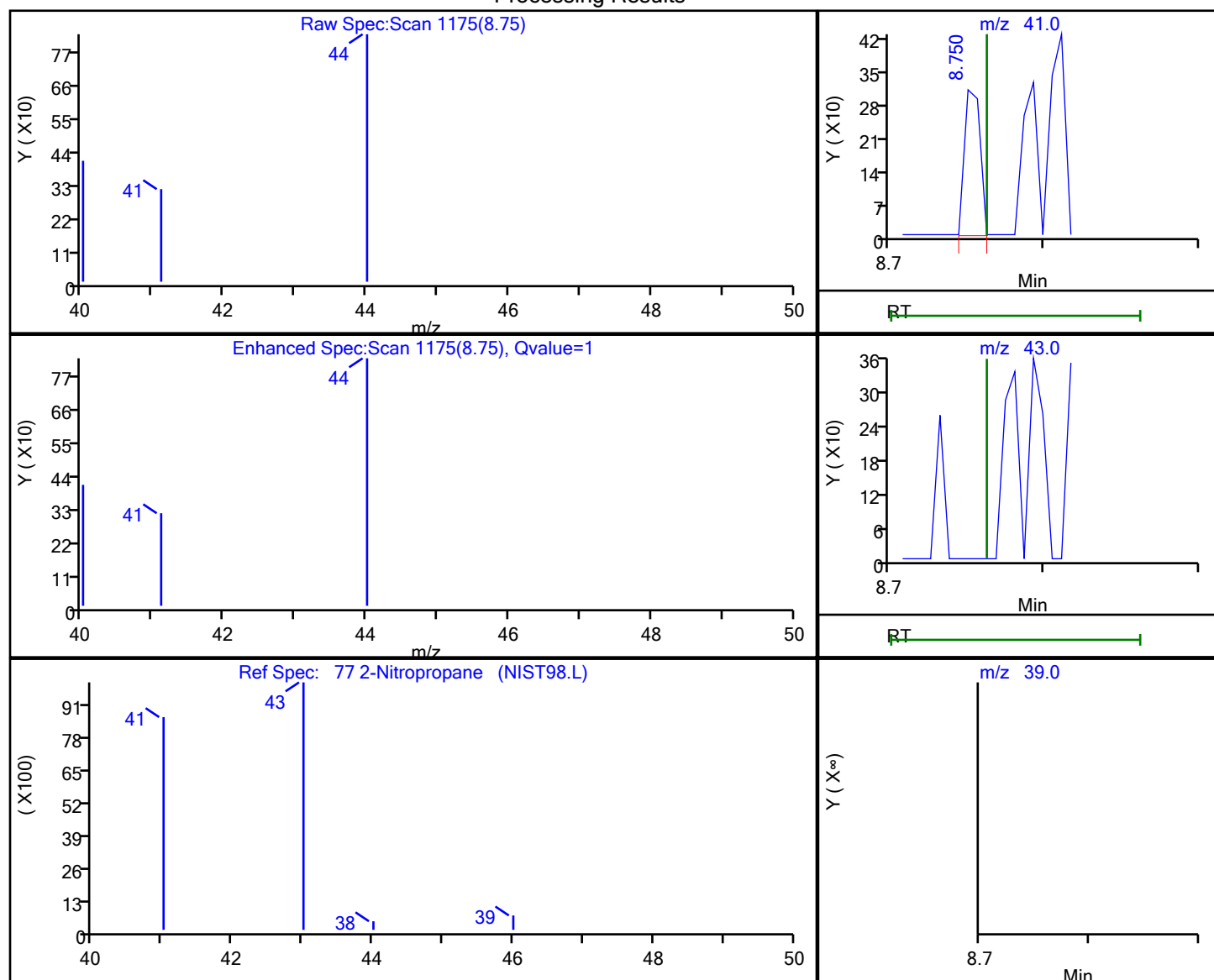
MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

77 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
8.75	41.00	220	0.078344
8.77	43.00	0	
8.77	39.00	0	
8.77	42.00	0	

Reviewer: JS6E, 28-Oct-2025 02:37:40 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D

Injection Date: 27-Oct-2025 18:03:30

Instrument ID: 19094

Lims ID: IC std1 0.02

Client ID:

Operator ID: ecr105096

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV_19094_25mL

Limit Group:

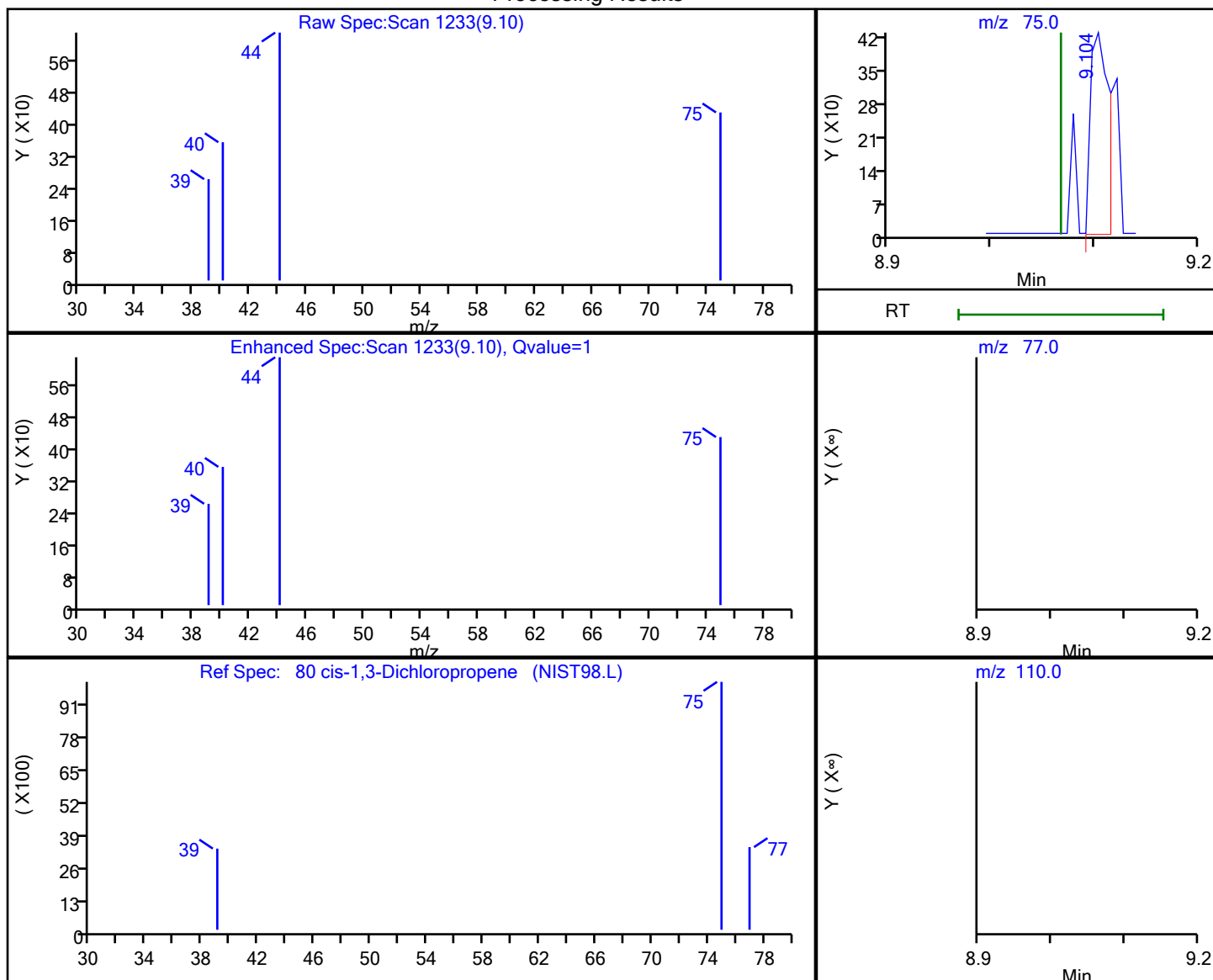
MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

80 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
9.10	75.00	526	0.008353
9.07	77.00	0	
9.07	110.00	0	
9.07	112.00	0	

Reviewer: JS6E, 28-Oct-2025 02:37:47 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D

Injection Date: 27-Oct-2025 18:03:30

Instrument ID: 19094

Lims ID: IC std1 0.02

Client ID:

Operator ID: ecr105096

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV_19094_25mL

Limit Group:

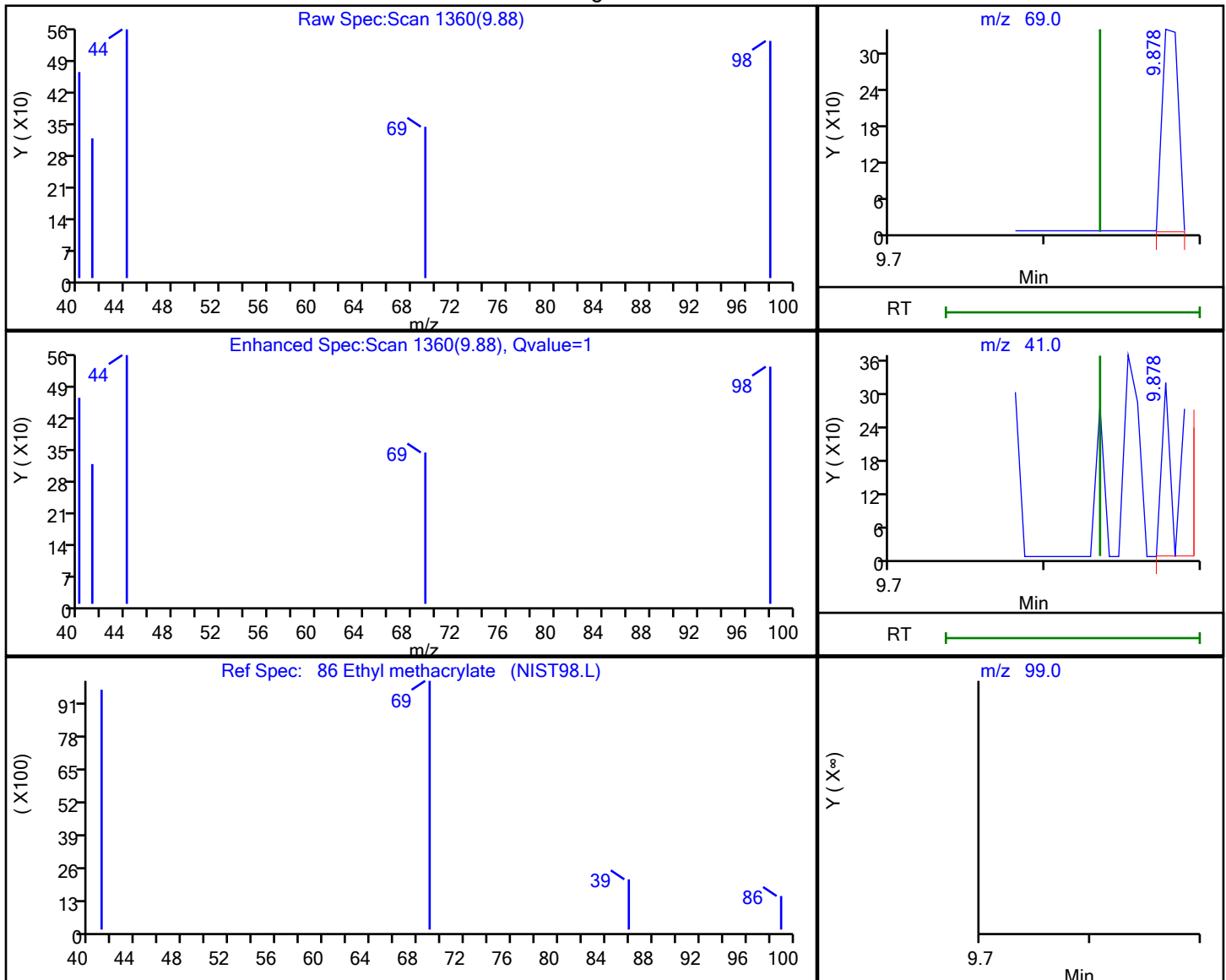
MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
9.88	69.00	247	0.007417
9.88	41.00	213	
9.84	99.00	0	
9.84	86.00	0	

Reviewer: JS6E, 28-Oct-2025 02:38:01 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D

Injection Date: 27-Oct-2025 18:03:30

Instrument ID: 19094

Lims ID: IC std1 0.02

Client ID:

Operator ID: ecr105096

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV_19094_25mL

Limit Group:

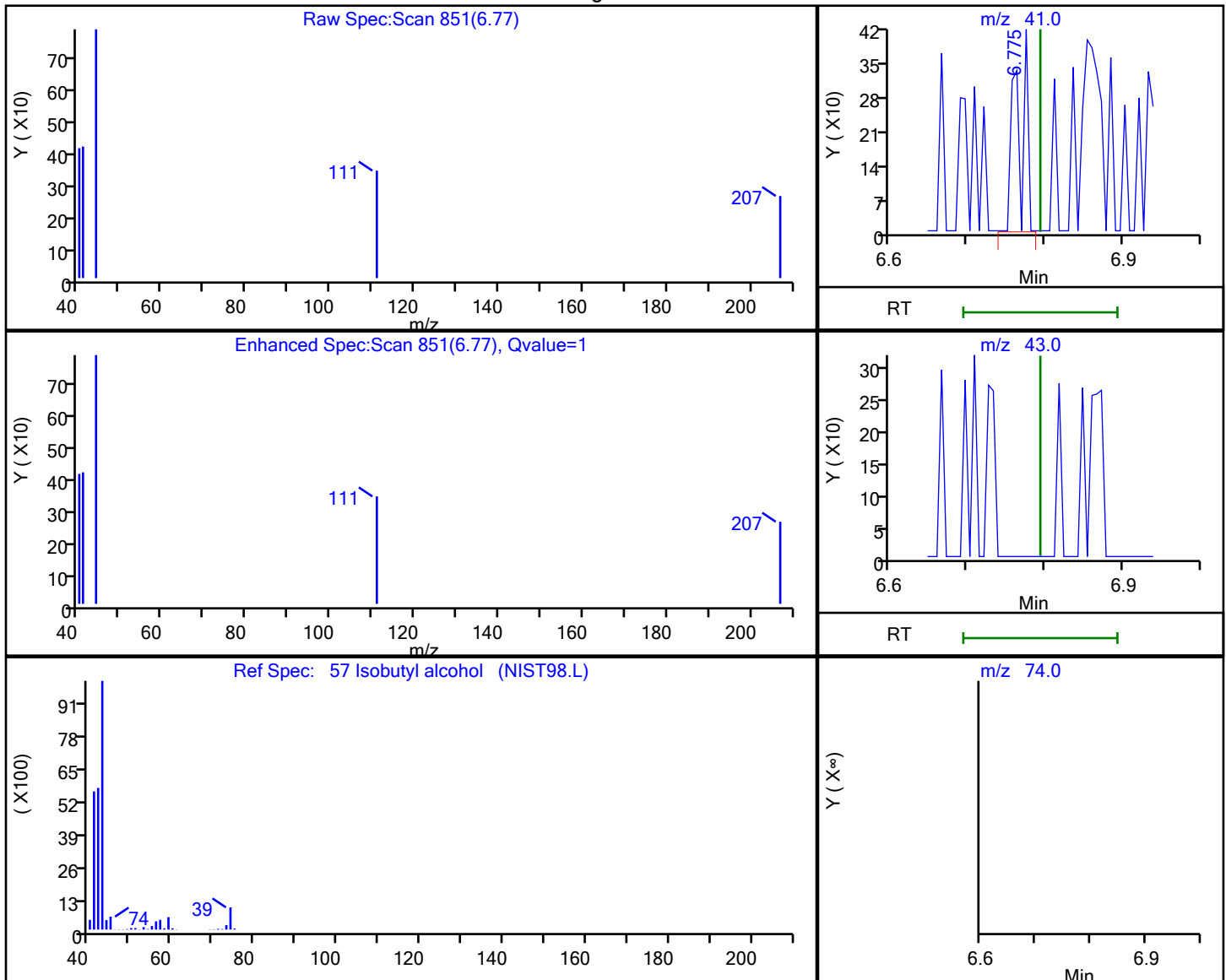
MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

57 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
6.77	41.00	386	1.353827
6.81	43.00	0	
6.81	74.00	0	

Reviewer: JS6E, 28-Oct-2025 02:37:09 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D

Injection Date: 27-Oct-2025 18:03:30

Instrument ID: 19094

Lims ID: IC std1 0.02

Client ID:

Operator ID: ecr105096

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV_19094_25mL

Limit Group:

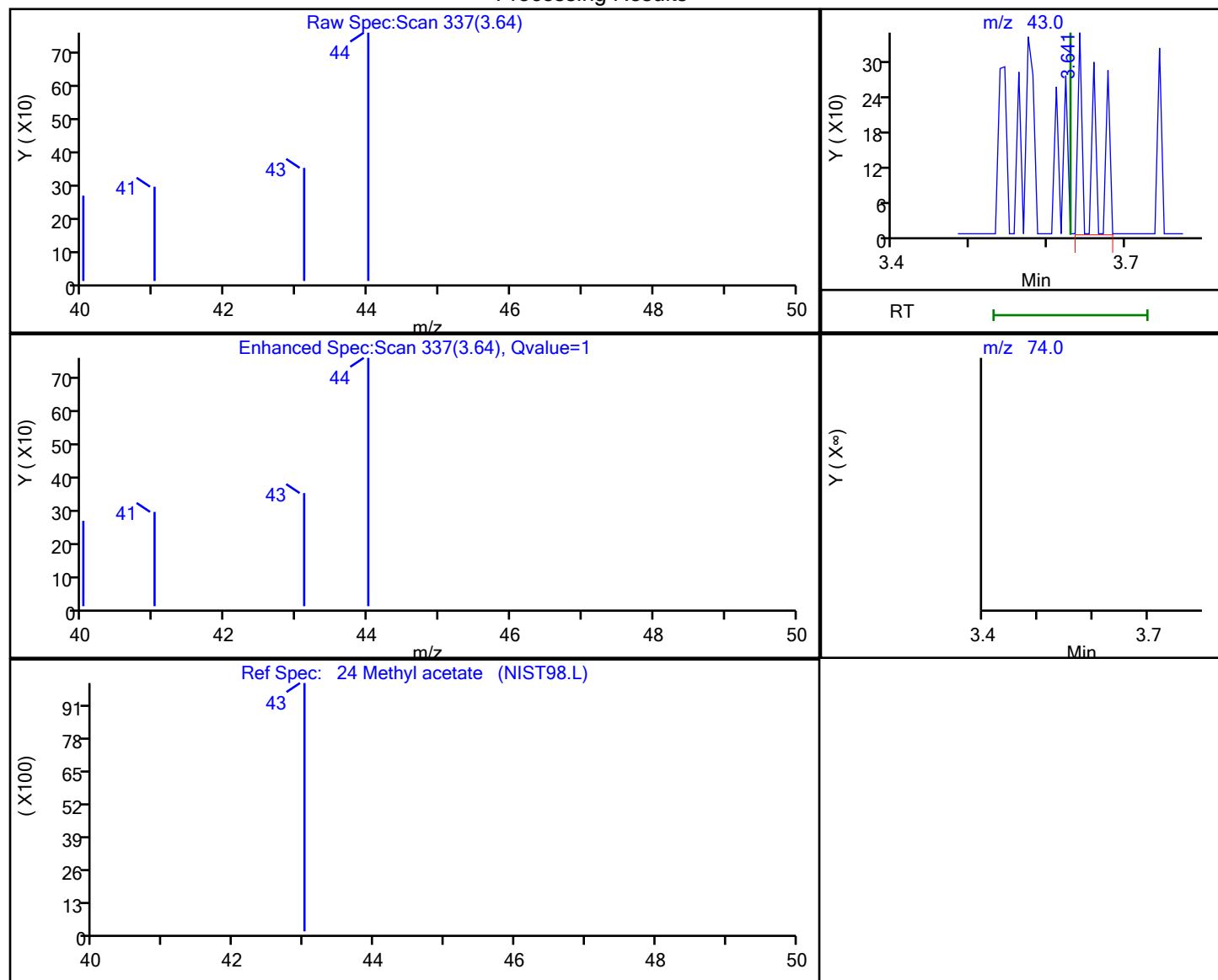
MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

24 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.64	43.00	334	0.057816
3.66	74.00	0	

Reviewer: JS6E, 28-Oct-2025 02:36:27 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X13.D
 Lims ID: IC std2 0.06
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 27-Oct-2025 18:24:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0164600-014
 Misc. Info.: IC STD2 0.06
 Operator ID: ecr105096 Instrument ID: 19094
 Sublist: chrom-MSV_19094_25mL*sub1
 Method: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 29-Oct-2025 10:17:38 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JS6E

Date: 28-Oct-2025 02:32:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.825	1.812	0.013	95	4464	0.0600	0.0603	
5 Chloromethane	50	1.995	1.995	0.000	97	5929	0.0600	0.0701	
6 Butadiene	39	2.081	2.081	0.000	96	5264	0.0600	0.0589	
7 Vinyl chloride	62	2.093	2.105	-0.012	92	4756	0.0600	0.0591	
9 Bromomethane	94	2.392	2.410	-0.018	65	3137	0.0600	0.0603	M
10 Chloroethane	64	2.452	2.453	-0.001	95	2860	0.0600	0.0669	
11 Dichlorofluoromethane	67	2.666	2.660	0.006	94	7646	0.0600	0.0648	
12 Trichlorofluoromethane	101	2.751	2.757	-0.006	86	6296	0.0600	0.0619	
13 Ethyl ether	59	2.958	2.940	0.018	46	1075	0.0600	0.0371	
14 1,2-Dichloro-1,1,2-trifluoroetha	67	3.007	3.013	-0.006	66	4691	0.0600	0.0689	
16 Acrolein	56	3.172	3.087	0.085	93	8311	2.93	1.99	M
17 1,1-Dichloroethene	96	3.221	3.221	0.000	96	2624	0.0600	0.0577	
19 Acetone	43		3.251				ND	ND	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.263	3.257	0.006	46	2201	0.0600	0.0469	
20 Iodomethane	142	3.397	3.398	-0.001	95	4694	0.0600	0.0564	
22 Ethyl bromide	108	3.416	3.422	-0.006	67	2415	0.0599	0.0580	
23 Carbon disulfide	76	3.501	3.501	0.000	97	7768	0.0600	0.0600	
24 Methyl acetate	43		3.629				ND	ND	U
25 3-Chloro-1-propene	41	3.653	3.648	0.005	83	5830	0.0600	0.0736	
27 Methylene Chloride	84	3.824	3.812	0.012	43	2619	0.0600	0.0571	
* 28 t-Butyl alcohol-d10 (IS)	65	3.830	3.837	-0.007	36	68292	50.0	50.0	
29 2-Methyl-2-propanol	59		3.934				ND	ND	
30 Acrylonitrile	53		4.135				ND	ND	
31 Methyl tert-butyl ether	73	4.166	4.178	-0.012	57	5111	0.0600	0.0507	
33 trans-1,2-Dichloroethene	96	4.227	4.196	0.031	91	2811	0.0600	0.0560	
34 Hexane	57	4.617	4.605	0.012	85	3900	0.0600	0.0546	
35 1,1-Dichloroethane	63	4.867	4.848	0.019	40	4976	0.0600	0.0532	
37 Isopropyl ether	45	4.909	4.909	0.000	91	8199	0.0600	0.0546	
38 2-Chloro-1,3-butadiene	53	4.976	4.958	0.018	78	3919	0.0600	0.0474	
39 Tert-butyl ethyl ether	59	5.464	5.452	0.012	95	7435	0.0600	0.0549	

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		5.653				ND	ND	U
42 cis-1,2-Dichloroethene	96	5.714	5.696	0.018	76	2802	0.0600	0.0527	M
43 2,2-Dichloropropane	77	5.714	5.708	0.006	80	4704	0.0600	0.0562	
44 Propionitrile	54		5.739				ND	ND	
46 Methacrylonitrile	67	6.092	5.958	0.134	76	1919	0.6000	0.2150	M
47 Chlorobromomethane	128	6.031	6.031	0.000	82	618	0.0600	0.0307	
48 Tetrahydrofuran	71		6.043				ND	ND	
S 49 1,2-Dichloroethene, Total	100				0			0.1086	
50 Chloroform	83	6.196	6.190	0.006	82	5394	0.0600	0.0591	M
\$ 51 Dibromofluoromethane (Surr)	113	6.403	6.409	-0.006	93	426806	10.0	9.93	
52 1,1,1-Trichloroethane	97	6.415	6.421	-0.006	40	4988	0.0600	0.0579	
54 Cyclohexane	56	6.525	6.525	0.000	90	5781	0.0600	0.0600	
55 1,1-Dichloropropene	75	6.647	6.635	0.012	87	3893	0.0600	0.0517	
56 Carbon tetrachloride	117	6.641	6.641	0.000	94	3755	0.0600	0.0519	
57 Isobutyl alcohol	41	6.860	6.793	0.067	34	3495	3.00	6.93	M
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.866	6.866	0.000	78	78517	10.0	9.91	
59 Benzene	78	6.903	6.897	0.006	92	12931	0.0600	0.0593	
60 1,2-Dichloroethane	62	6.976	6.970	0.006	13	2714	0.0600	0.0559	
62 Tert-amyl methyl ether	73	7.104	7.104	0.000	93	6161	0.0600	0.0544	
* 64 Fluorobenzene (IS)	96	7.311	7.318	-0.007	99	1876780	10.0	10.0	
65 n-Heptane	43	7.342	7.342	0.000	36	5639	0.0600	0.0773	
66 n-Butanol	56		7.702				ND	ND	
67 Trichloroethene	95	7.829	7.805	0.024	93	3102	0.0600	0.0542	M
69 Methylcyclohexane	83	8.122	8.122	0.000	74	5397	0.0600	0.0553	
70 1,2-Dichloropropane	63	8.140	8.141	-0.001	67	2818	0.0600	0.0550	
71 2-ethoxy-2-methyl butane	87	8.165	8.165	0.000	90	4303	0.0600	0.0552	
72 Methyl methacrylate	69		8.244				ND	ND	
73 1,4-Dioxane	88		8.250				ND	ND	
74 Dibromomethane	93	8.268	8.256	0.012	78	730	0.0600	0.0363	
76 Dichlorobromomethane	83	8.500	8.500	0.000	91	3130	0.0600	0.0533	M
77 2-Nitropropane	41	8.793	8.762	0.031	90	2334	0.3000	0.3759	M
79 1-Bromo-2-chloroethane	63	8.927	8.896	0.031	1	2123	0.0600	0.0490	M
80 cis-1,3-Dichloropropene	75	9.091	9.067	0.024	87	3360	0.0600	0.0497	M
81 4-Methyl-2-pentanone (MIBK)	43	9.268	9.256	0.012	94	9659	0.6000	0.3981	
\$ 82 Toluene-d8 (Surr)	98	9.396	9.396	0.000	94	1882716	10.0	9.95	
84 Toluene	92	9.488	9.482	0.006	97	8655	0.0600	0.0612	
85 trans-1,3-Dichloropropene	75	9.786	9.762	0.024	82	1992	0.0600	0.0386	M
86 Ethyl methacrylate	69	9.866	9.835	0.031	1	1308	0.0600	0.0355	
87 1,1,2-Trichloroethane	97	9.988	9.969	0.019	63	1609	0.0600	0.0548	M
S 106 1,3-Dichloropropene, Total	100				0			0.0883	
107 Tetrachloroethene	166	10.067	10.061	0.006	93	3794	0.0600	0.0593	
108 1,3-Dichloropropane	76	10.152	10.140	0.012	89	2374	0.0600	0.0463	
109 2-Hexanone	43	10.231	10.195	0.036	81	6145	0.6000	0.3981	M
111 Chlorodibromomethane	129	10.366	10.366	0.000	87	1853	0.0600	0.0492	
112 Ethylene Dibromide	107	10.488	10.475	0.013	83	1150	0.0600	0.0433	
* 113 Chlorobenzene-d5 (IS)	117	10.926	10.927	-0.001	87	1341633	10.0	10.0	
114 1-Chlorohexane	91	10.945	10.939	0.006	51	7351	0.0600	0.0897	
115 Chlorobenzene	112	10.957	10.951	0.006	84	8338	0.0600	0.0575	
116 1,1,1,2-Tetrachloroethane	131	11.048	11.036	0.012	36	2477	0.0600	0.0504	
117 Ethylbenzene	91	11.048	11.042	0.006	99	15980	0.0600	0.0580	
118 m-Xylene & p-Xylene	106	11.170	11.164	0.006	99	11032	0.1200	0.1027	
S 119 Xylenes, Total	106				0			0.1497	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
120 o-Xylene	106	11.506	11.500	0.006	98	4766	0.0600	0.0471	
121 Styrene	104	11.530	11.512	0.018	94	7289	0.0600	0.0460	
122 Bromoform	173	11.682	11.670	0.012	88	1130	0.0600	0.0579	
123 Isopropylbenzene	105	11.804	11.804	0.000	96	14315	0.0600	0.0517	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	675629	10.0	9.93	
127 1,1,2,2-Tetrachloroethane	83	12.054	12.054	0.000	1	1709	0.0600	0.0504	M
128 Bromobenzene	156	12.073	12.067	0.006	92	2914	0.0600	0.0528	
129 trans-1,4-Dichloro-2-butene	53	12.097	12.079	0.018	82	3244	0.6000	0.3870	
130 1,2,3-Trichloropropane	110	12.097	12.097	0.000	74	201	0.0600	0.0223	
131 N-Propylbenzene	91	12.146	12.140	0.006	98	17619	0.0600	0.0549	
132 2-Chlorotoluene	126	12.213	12.213	0.000	95	3353	0.0600	0.0552	
133 1,3,5-Trimethylbenzene	105	12.280	12.280	0.000	93	11896	0.0600	0.0522	
134 4-Chlorotoluene	126	12.316	12.304	0.012	97	2860	0.0600	0.0462	
135 tert-Butylbenzene	134	12.518	12.524	-0.006	92	2718	0.0600	0.0555	
136 Pentachloroethane	167	12.554	12.548	0.006	73	1546	0.0600	0.0466	
137 1,2,4-Trimethylbenzene	105	12.572	12.566	0.006	95	11930	0.0600	0.0514	
138 sec-Butylbenzene	105	12.688	12.688	0.000	95	15541	0.0600	0.0547	
139 1,3-Dichlorobenzene	146	12.792	12.786	0.006	95	6102	0.0600	0.0544	
140 4-Isopropyltoluene	119	12.798	12.798	0.000	96	11903	0.0600	0.0485	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	730322	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.859	12.859	0.000	57	6929	0.0600	0.0602	
143 1,2,3-Trimethylbenzene	120	12.871	12.871	0.000	98	5404	0.0600	0.0564	
144 Benzyl chloride	126	12.944	12.932	0.012	91	481	0.0600	0.0367	
145 p-Diethylbenzene	119	13.072	13.072	0.000	95	7440	0.0600	0.0511	
146 n-Butylbenzene	92	13.097	13.091	0.006	98	5731	0.0600	0.0486	
147 1,2-Dichlorobenzene	146	13.121	13.115	0.006	95	5458	0.0600	0.0552	
148 1,2-Dibromo-3-Chloropropane	155		13.664				ND	ND	
150 1,3,5-Trichlorobenzene	180	13.798	13.792	0.006	94	4144	0.0600	0.0524	
151 1,2,4-Trichlorobenzene	180	14.225	14.213	0.013	88	2860	0.0600	0.0469	
152 Hexachlorobutadiene	225	14.298	14.298	0.000	84	1552	0.0600	0.0582	
153 Naphthalene	128	14.401	14.389	0.012	92	5193	0.0600	0.0513	
154 1,2,3-Trichlorobenzene	180	14.542	14.530	0.012	92	2433	0.0600	0.0489	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

MSV_LL_GAS826_00295

Amount Added: 1.20

Units: uL

MSV_LL_#1_826_00182

Amount Added: 1.20

Units: uL

MSV_LL_#2_826_00196

Amount Added: 1.20

Units: uL

MSV_LLcentISS_00019

Amount Added: 5.00

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X13.D

Injection Date: 27-Oct-2025 18:24:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: IC std2 0.06

Worklist Smp#: 14

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

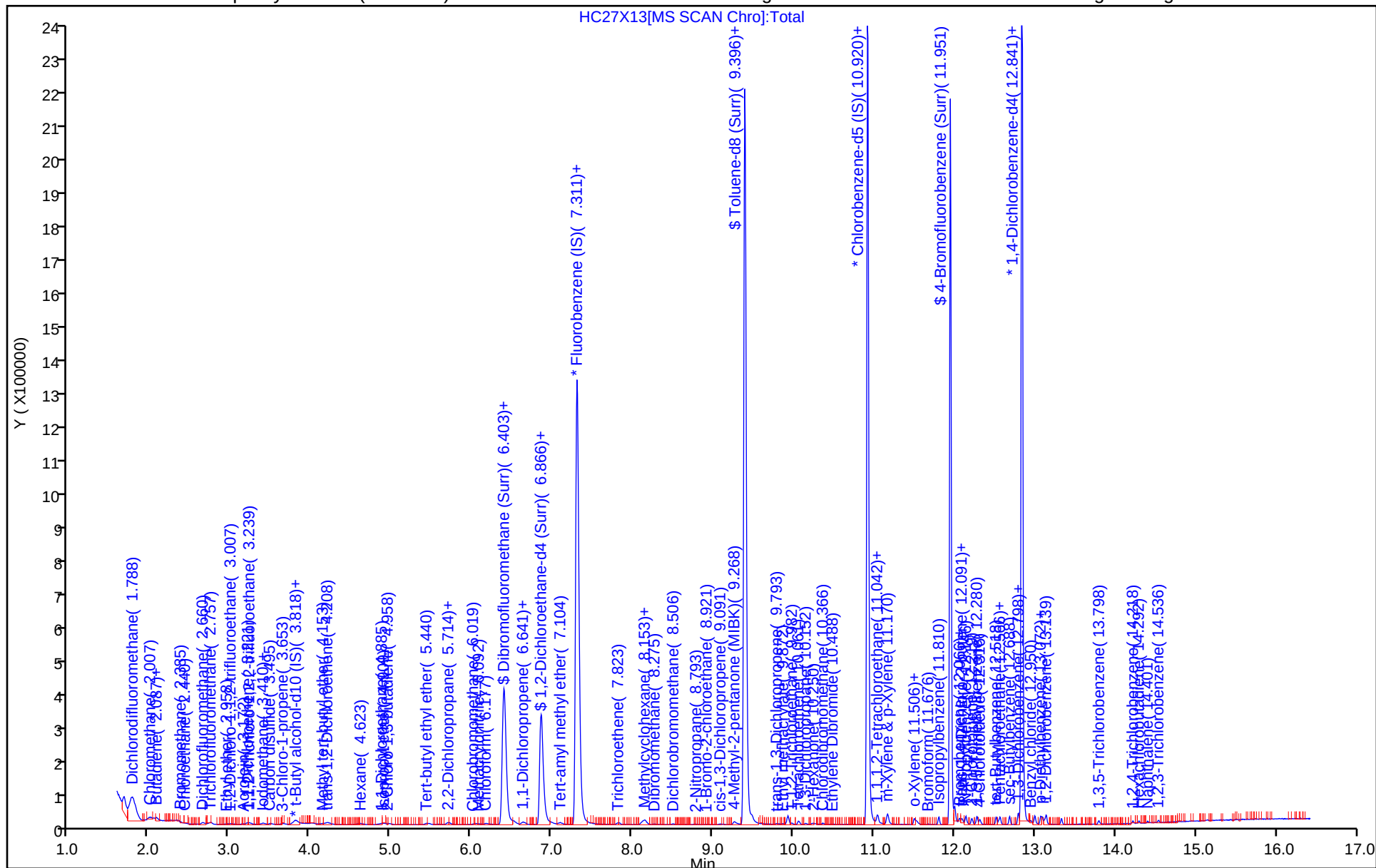
ALS Bottle#: 13

Method: MSV_19094_25mL

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

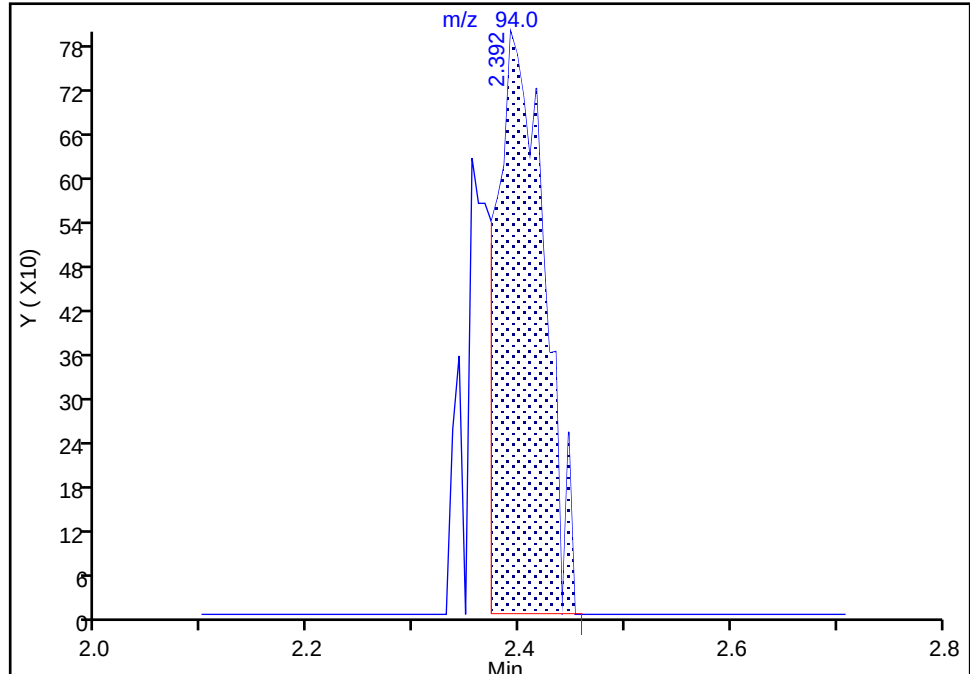
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Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

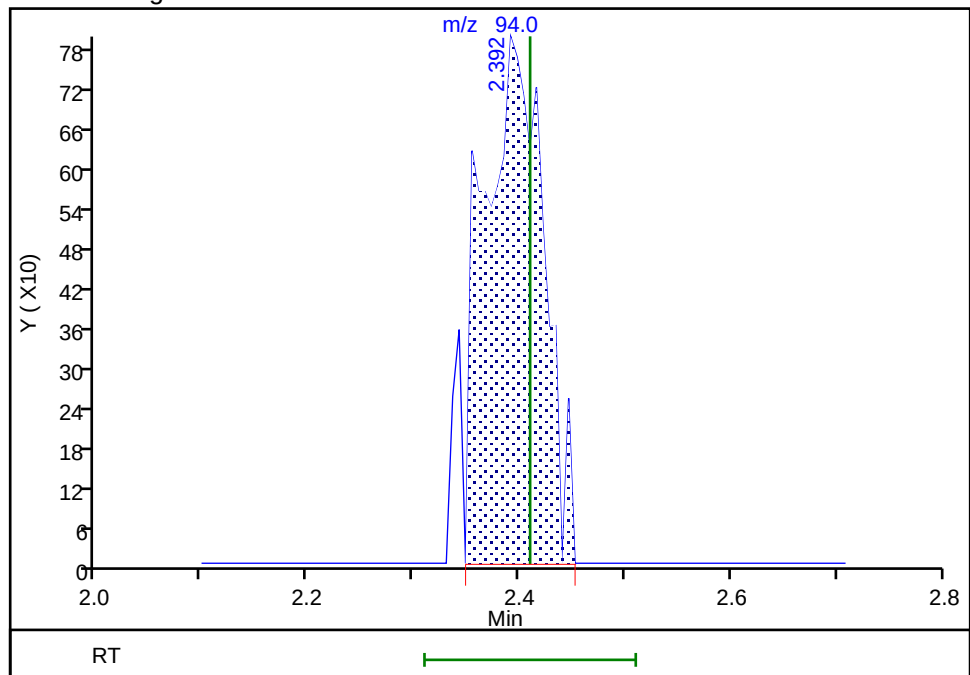
RT: 2.39
Area: 2496
Amount: 0.051337
Amount Units: ug/l

Processing Integration Results



RT: 2.39
Area: 3137
Amount: 0.060279
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:33:00 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

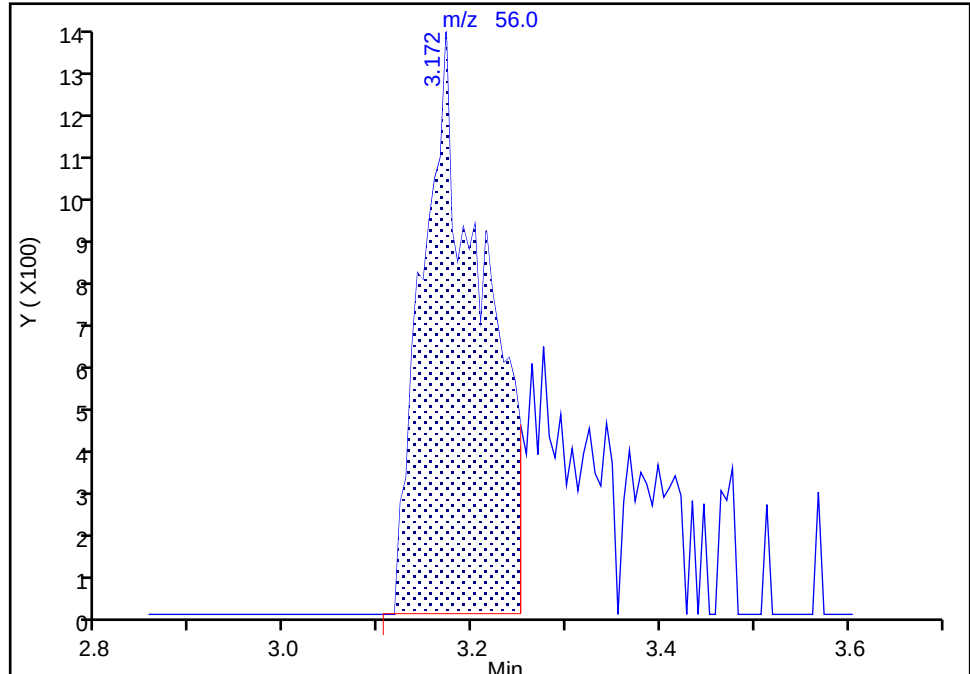
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Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

16 Acrolein, CAS: 107-02-8

Signal: 1

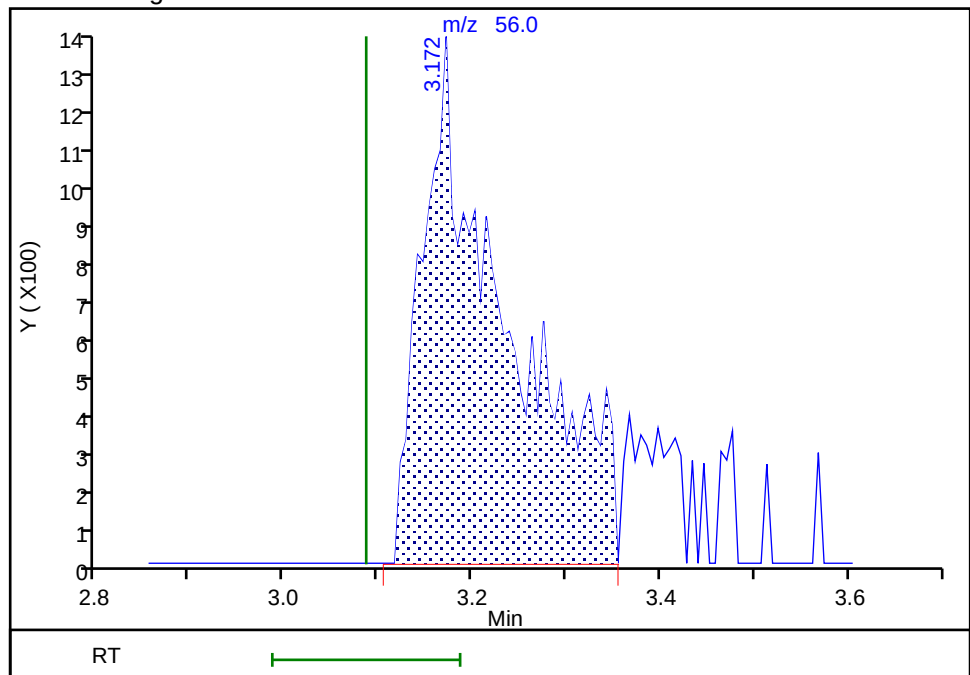
RT: 3.17
Area: 6001
Amount: 1.545051
Amount Units: ug/l

Processing Integration Results



RT: 3.17
Area: 8311
Amount: 1.986333
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:33:21 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

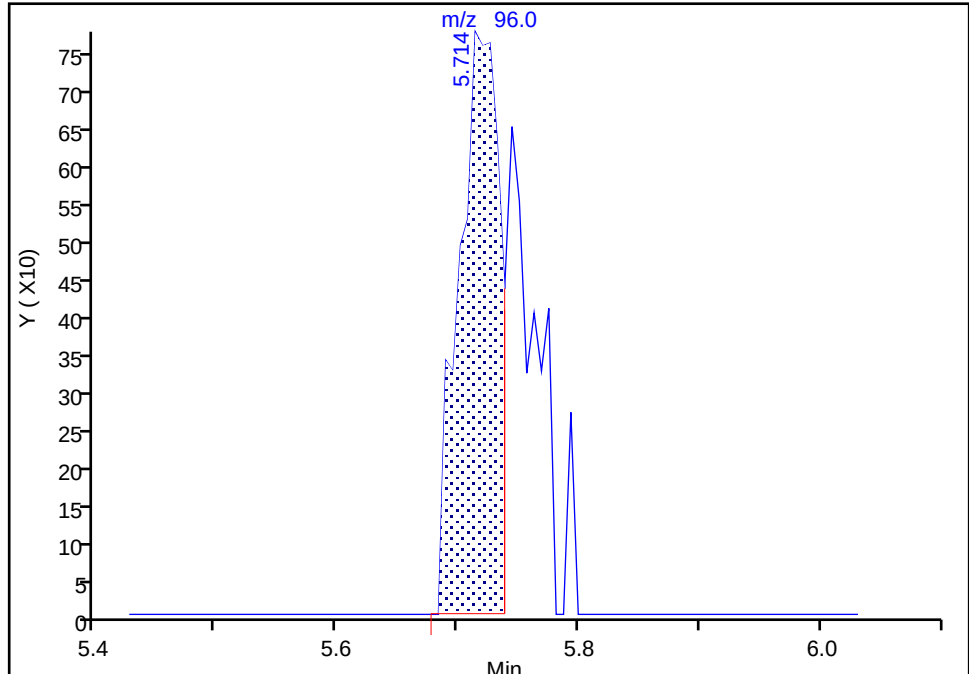
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Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

42 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

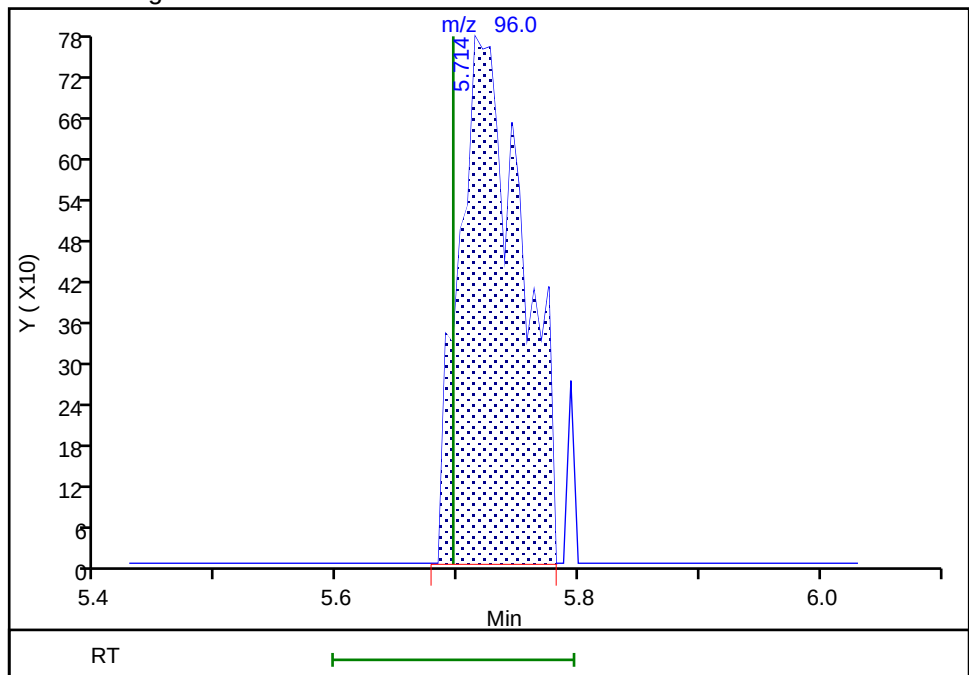
RT: 5.71
Area: 1836
Amount: 0.035864
Amount Units: ug/l

Processing Integration Results



RT: 5.71
Area: 2802
Amount: 0.052663
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:33:52 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

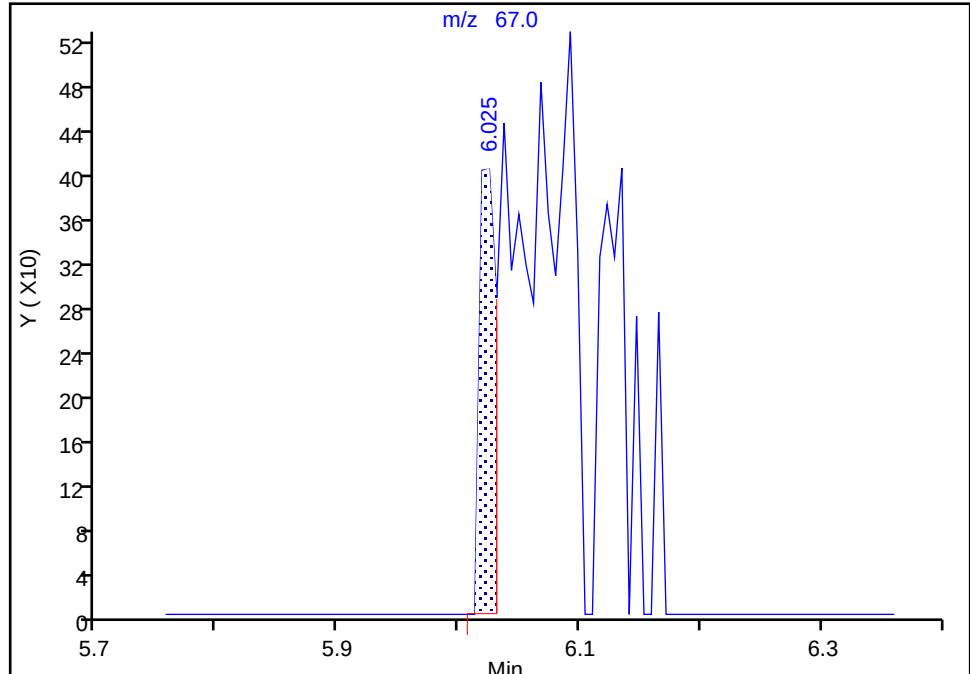
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Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

46 Methacrylonitrile, CAS: 126-98-7

Signal: 1

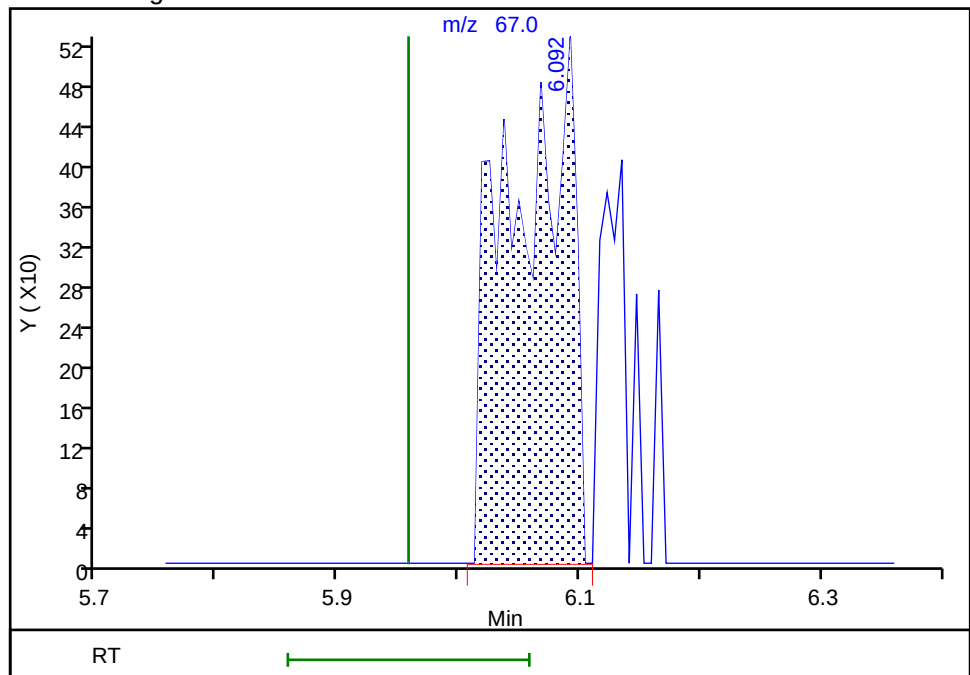
RT: 6.02
Area: 402
Amount: 0.756525
Amount Units: ug/l

Processing Integration Results



RT: 6.09
Area: 1919
Amount: 0.215001
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:33:59 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

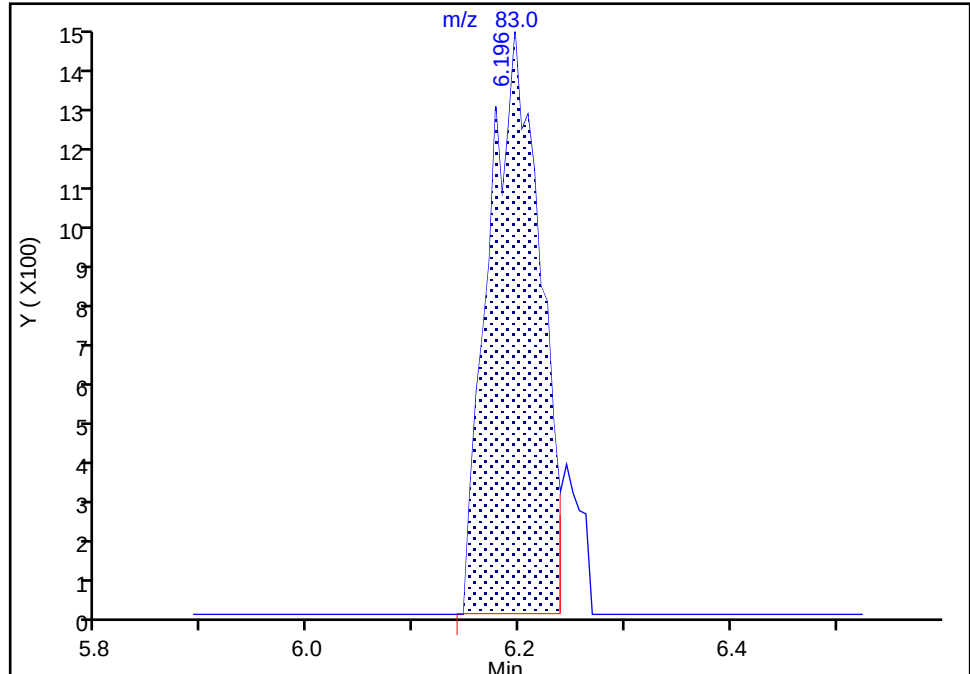
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Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

50 Chloroform, CAS: 67-66-3

Signal: 1

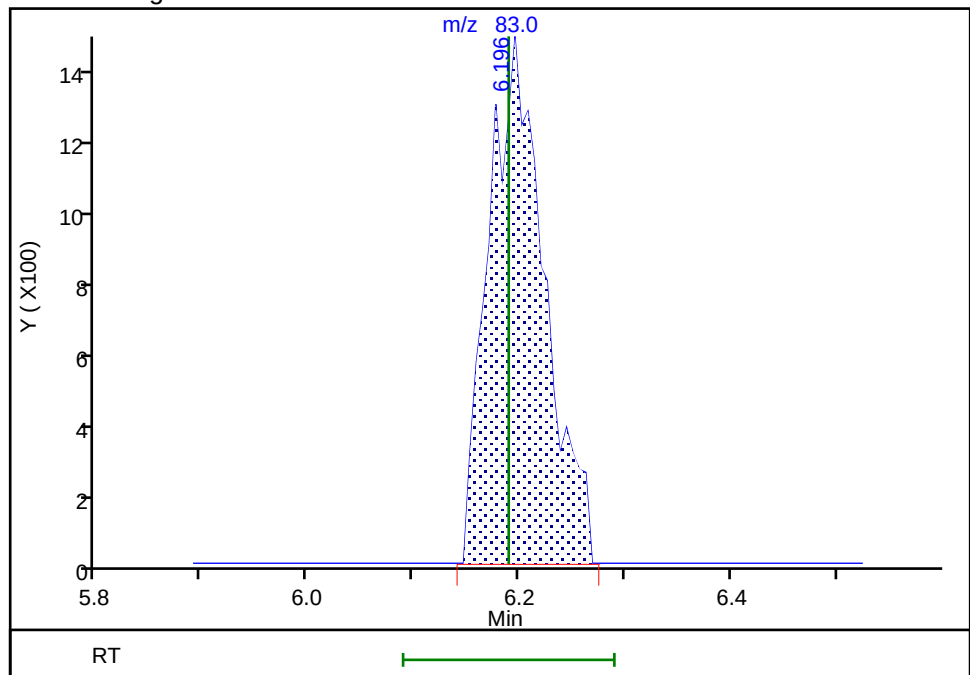
RT: 6.20
Area: 4954
Amount: 0.056080
Amount Units: ug/l

Processing Integration Results



RT: 6.20
Area: 5394
Amount: 0.059129
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:34:08 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

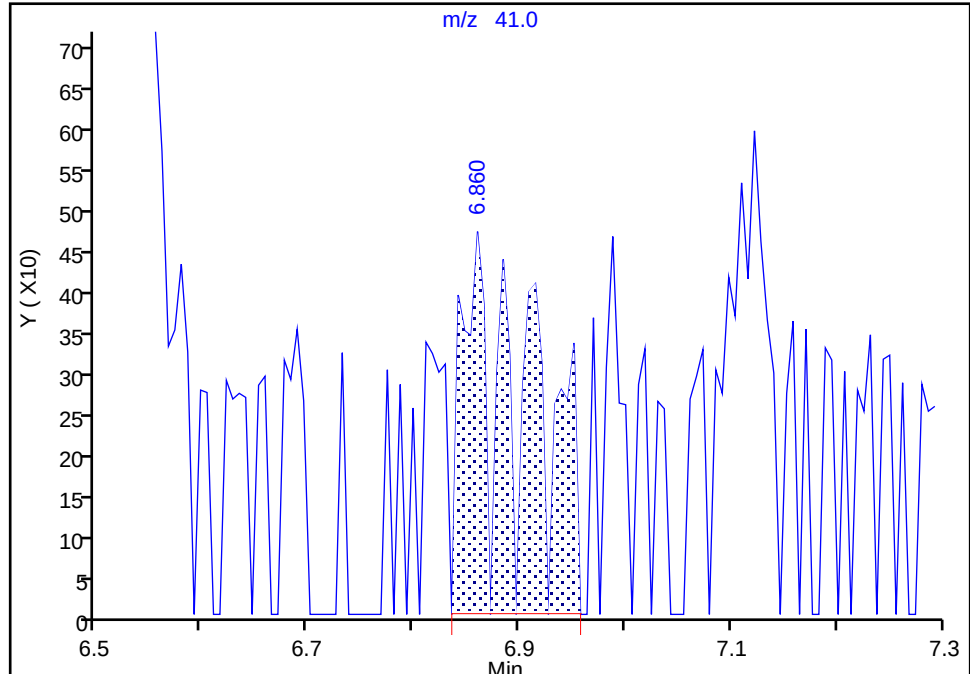
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Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

57 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

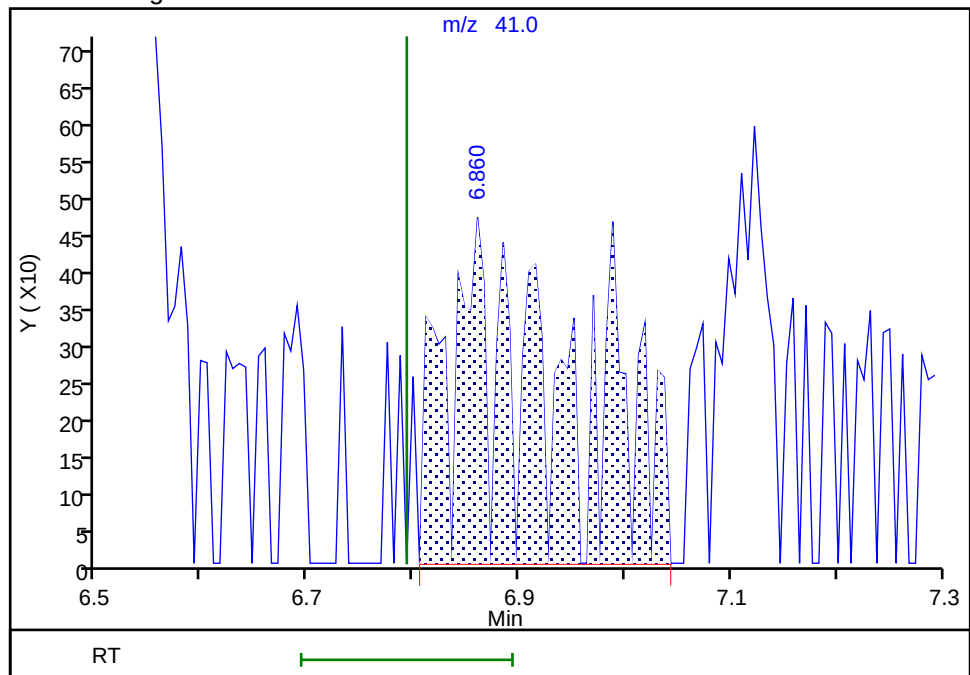
RT: 6.86
Area: 2017
Amount: 3.486903
Amount Units: ug/l

Processing Integration Results



RT: 6.86
Area: 3495
Amount: 6.926302
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:34:15 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

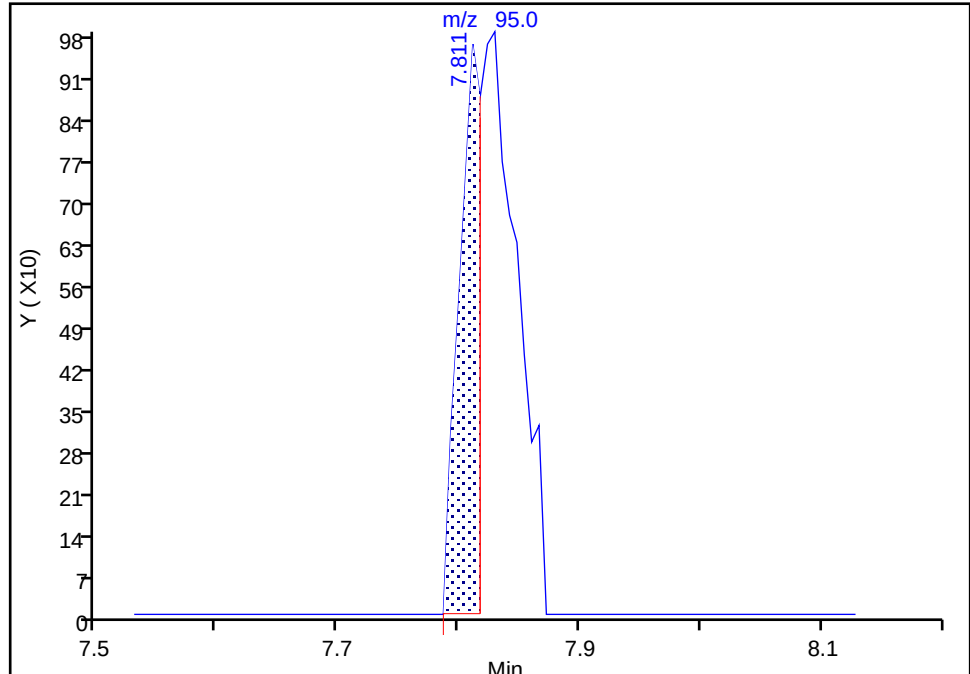
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Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

67 Trichloroethene, CAS: 79-01-6

Signal: 1

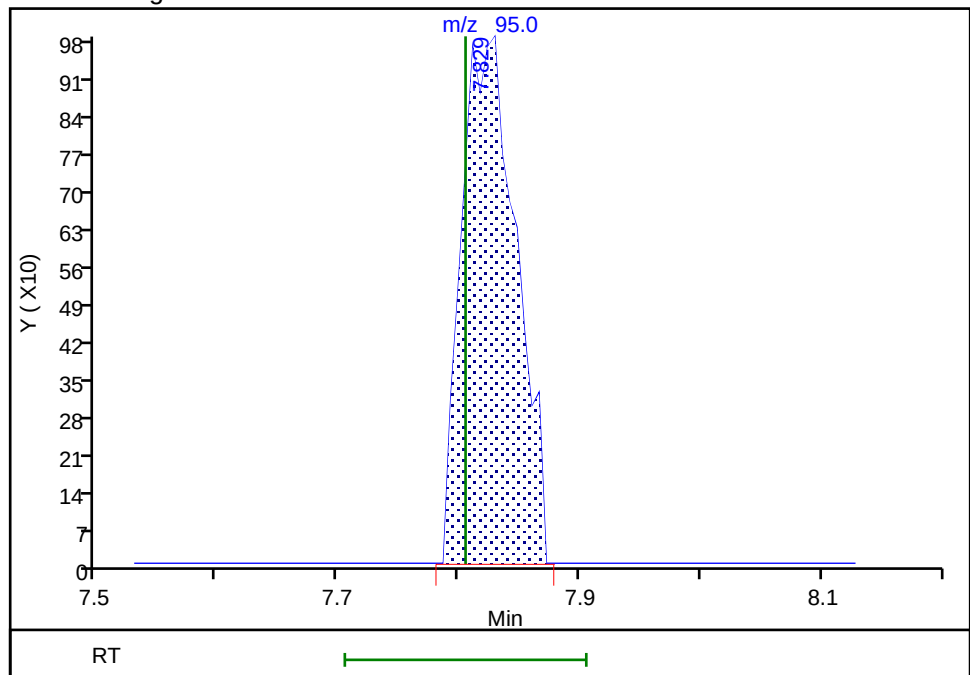
RT: 7.81
Area: 1244
Amount: 0.024209
Amount Units: ug/l

Processing Integration Results



RT: 7.83
Area: 3102
Amount: 0.054221
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:34:26 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

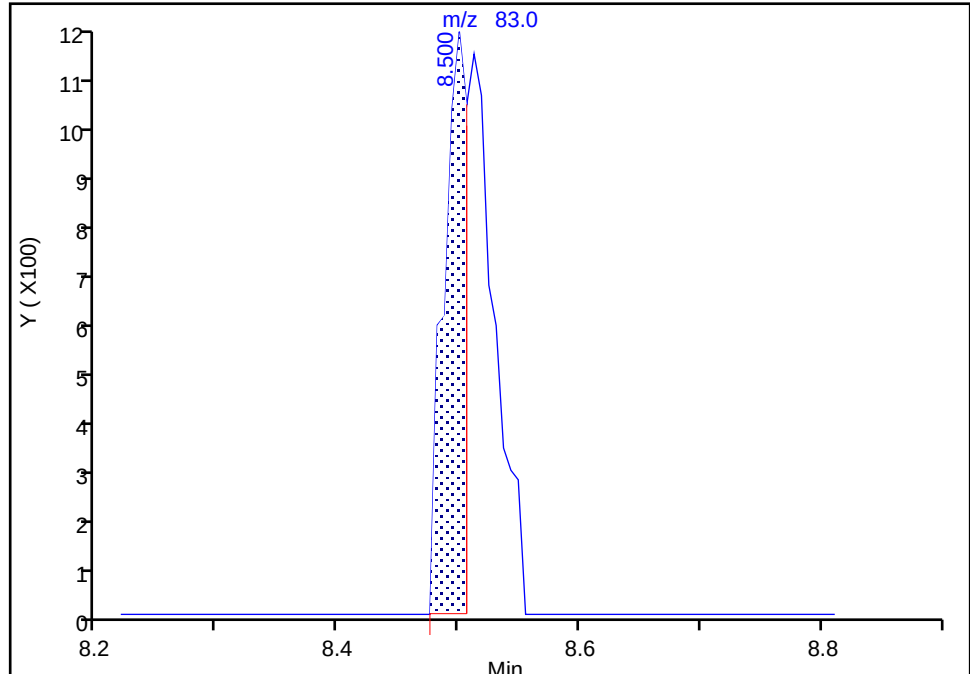
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X13.D
Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

76 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

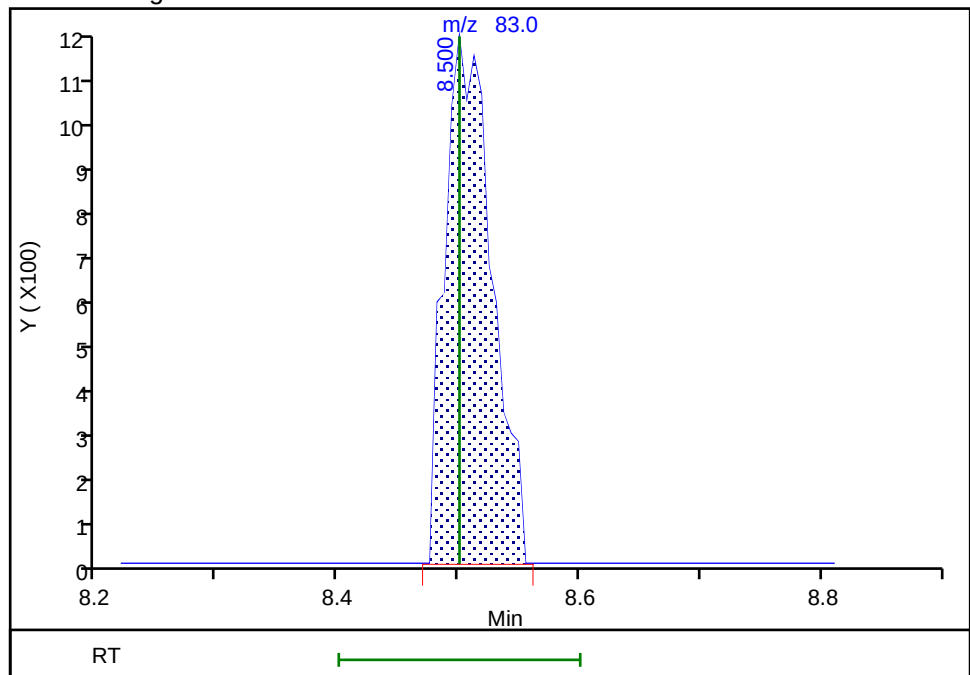
RT: 8.50
Area: 1580
Amount: 0.030880
Amount Units: ug/l

Processing Integration Results



RT: 8.50
Area: 3130
Amount: 0.053325
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:34:36 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

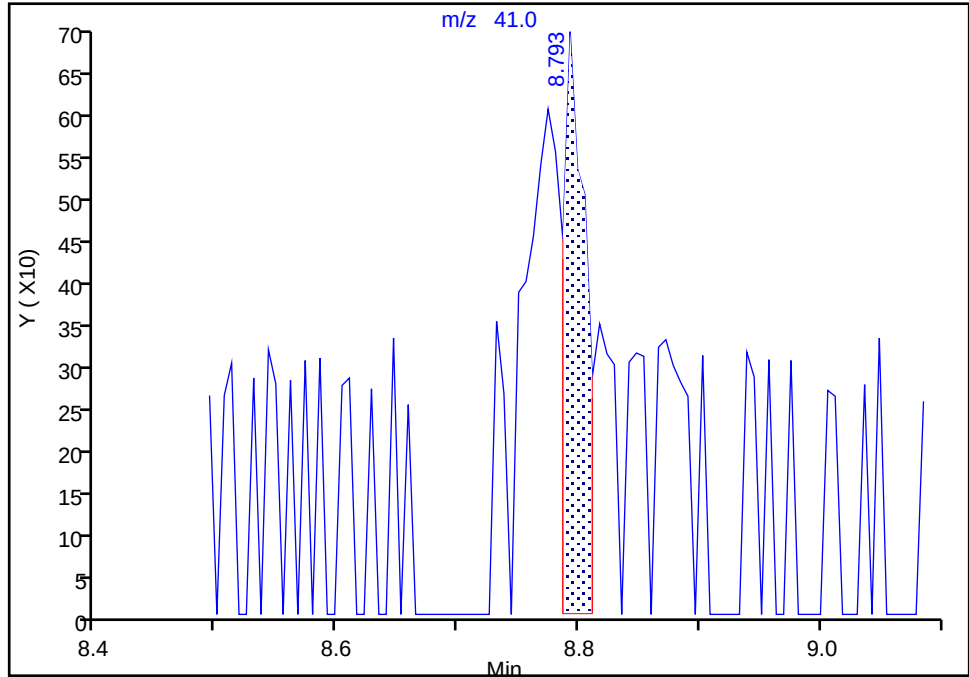
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X13.D
Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

77 2-Nitropropane, CAS: 79-46-9

Signal: 1

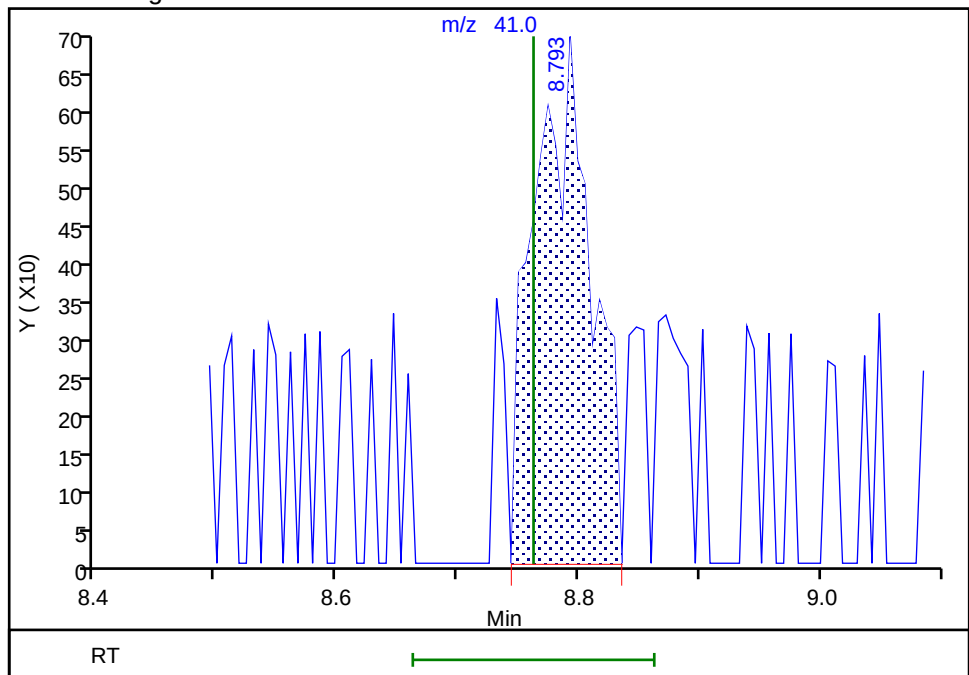
RT: 8.79
Area: 905
Amount: 0.158577
Amount Units: ug/l

Processing Integration Results



RT: 8.79
Area: 2334
Amount: 0.375925
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:34:40 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

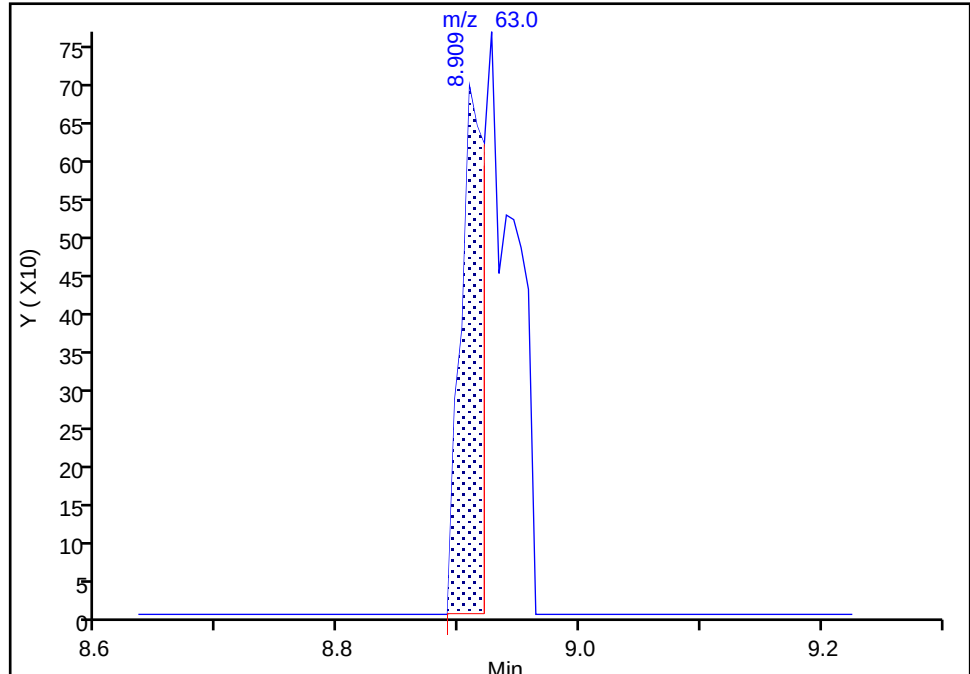
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X13.D
Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

79 1-Bromo-2-chloroethane, CAS: 107-04-0

Signal: 1

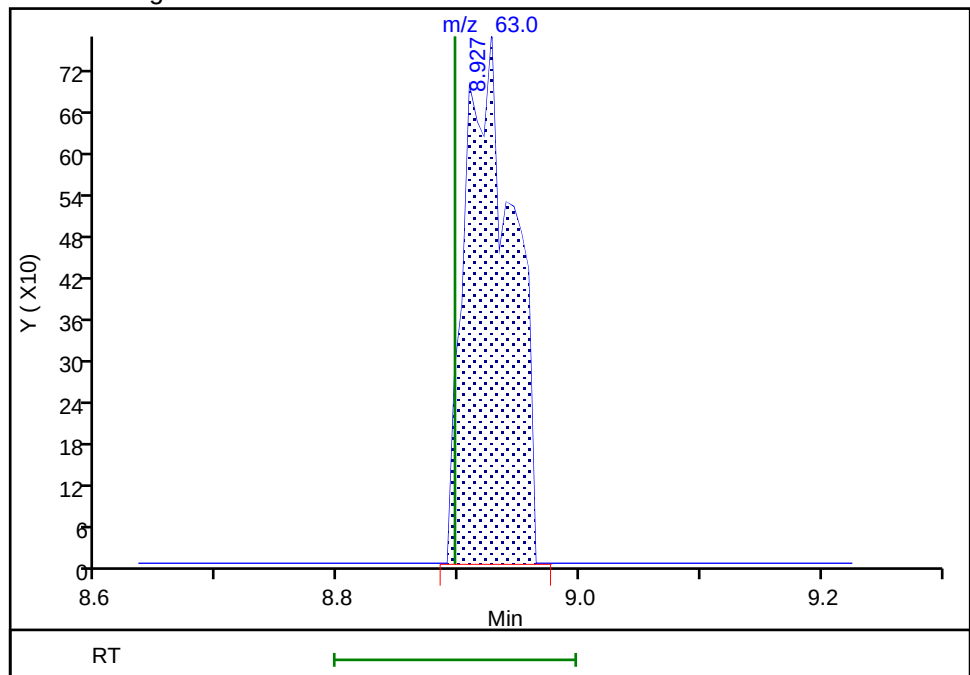
RT: 8.91
Area: 960
Amount: 0.023524
Amount Units: ug/l

Processing Integration Results



RT: 8.93
Area: 2123
Amount: 0.049033
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:34:44 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

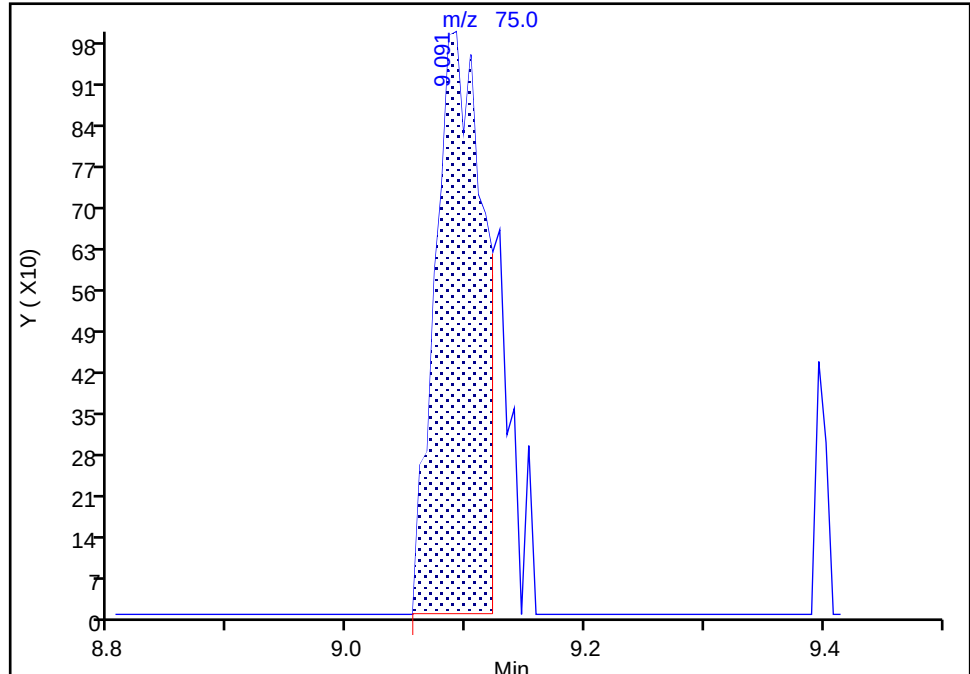
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X13.D
Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

80 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

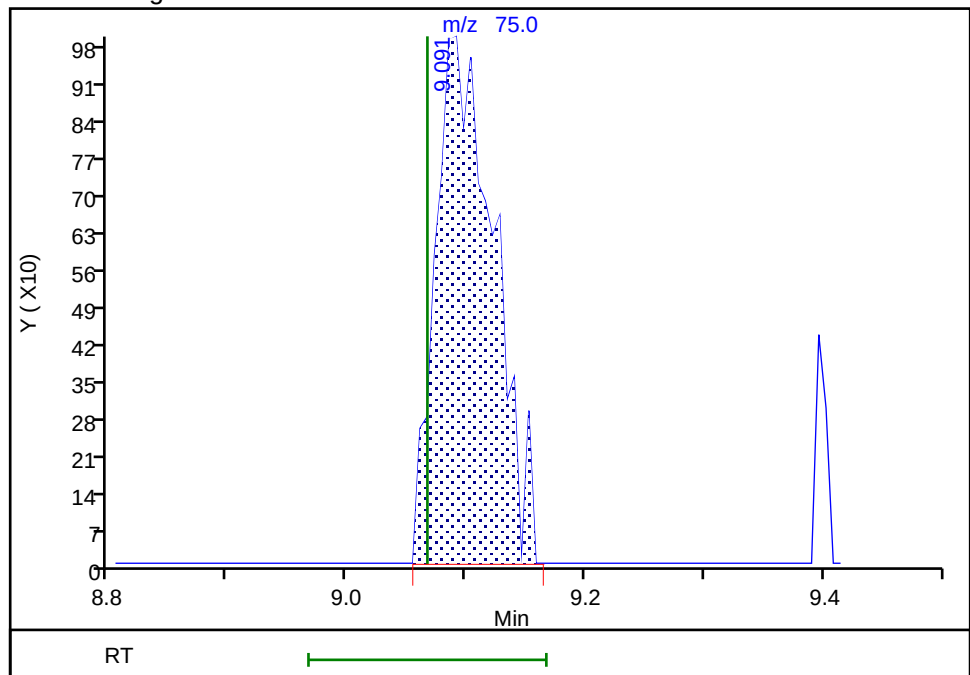
RT: 9.09
Area: 2776
Amount: 0.045806
Amount Units: ug/l

Processing Integration Results



RT: 9.09
Area: 3360
Amount: 0.049683
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:34:50 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

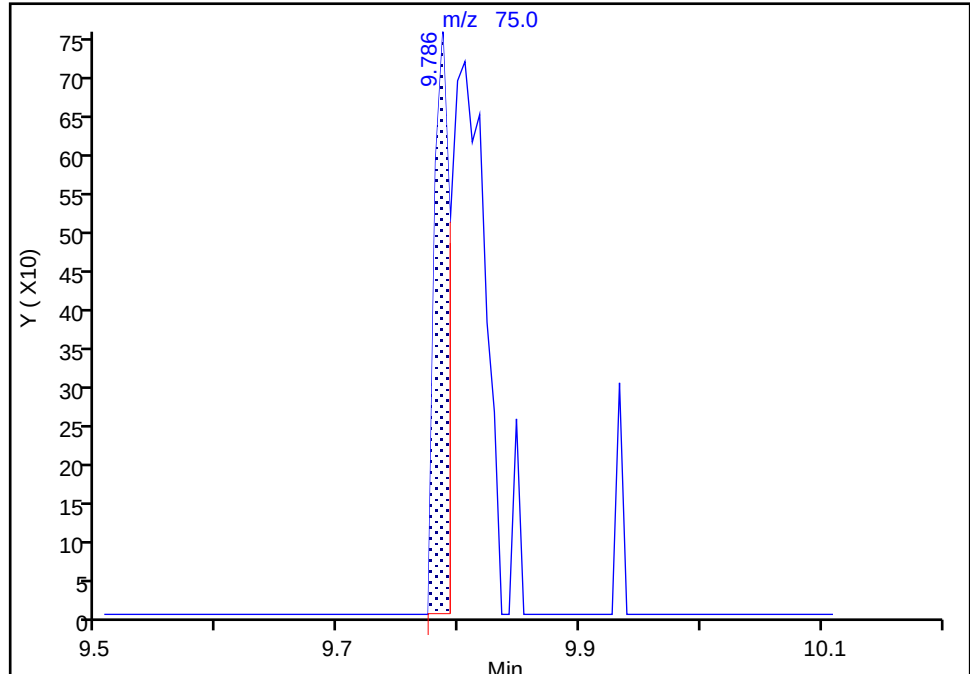
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X13.D
Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

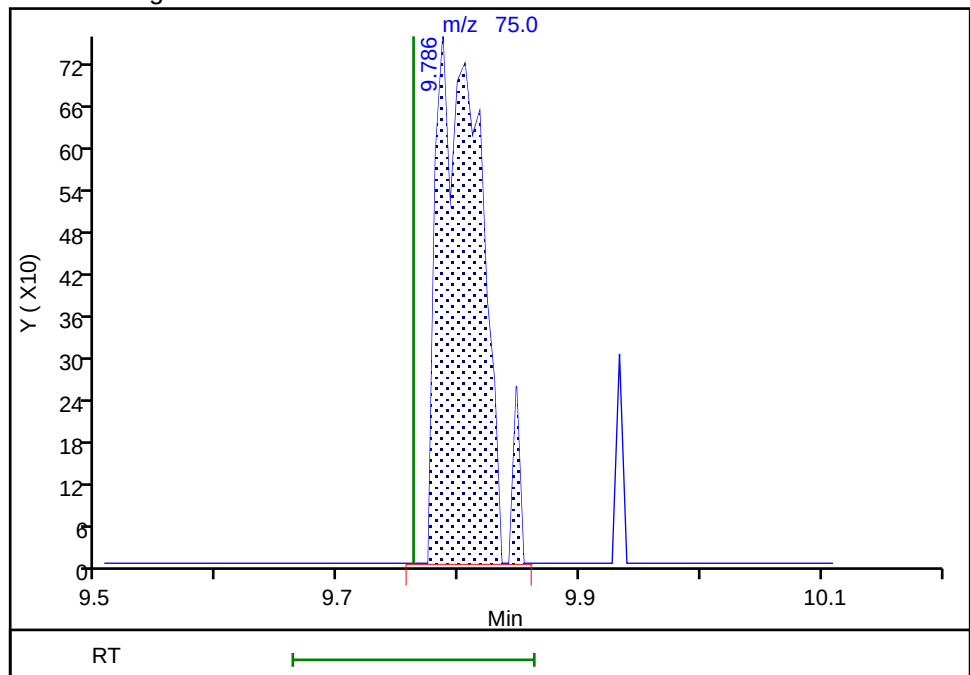
RT: 9.79
Area: 681
Amount: 0.060337
Amount Units: ug/l

Processing Integration Results



RT: 9.79
Area: 1992
Amount: 0.038577
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:35:02 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

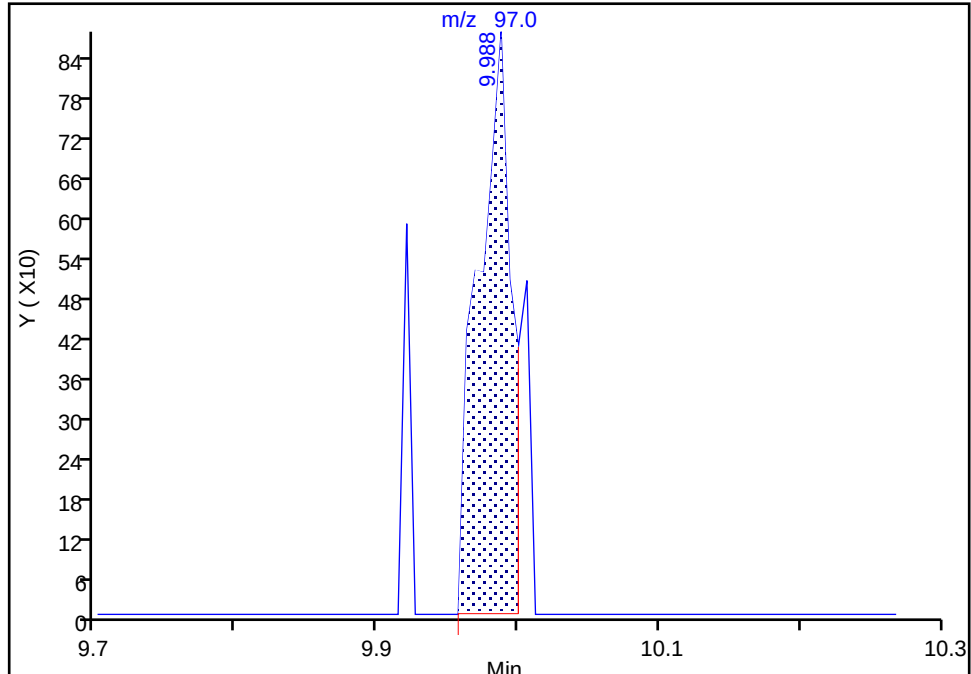
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X13.D
Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

87 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

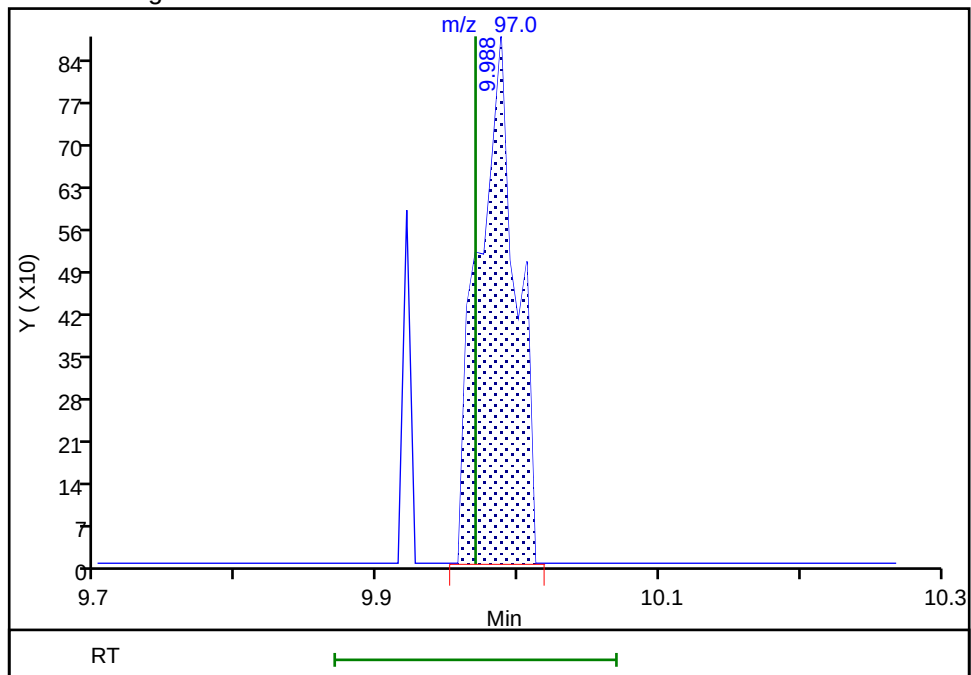
RT: 9.99
Area: 1427
Amount: 0.063347
Amount Units: ug/l

Processing Integration Results



RT: 9.99
Area: 1609
Amount: 0.054833
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:35:06 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

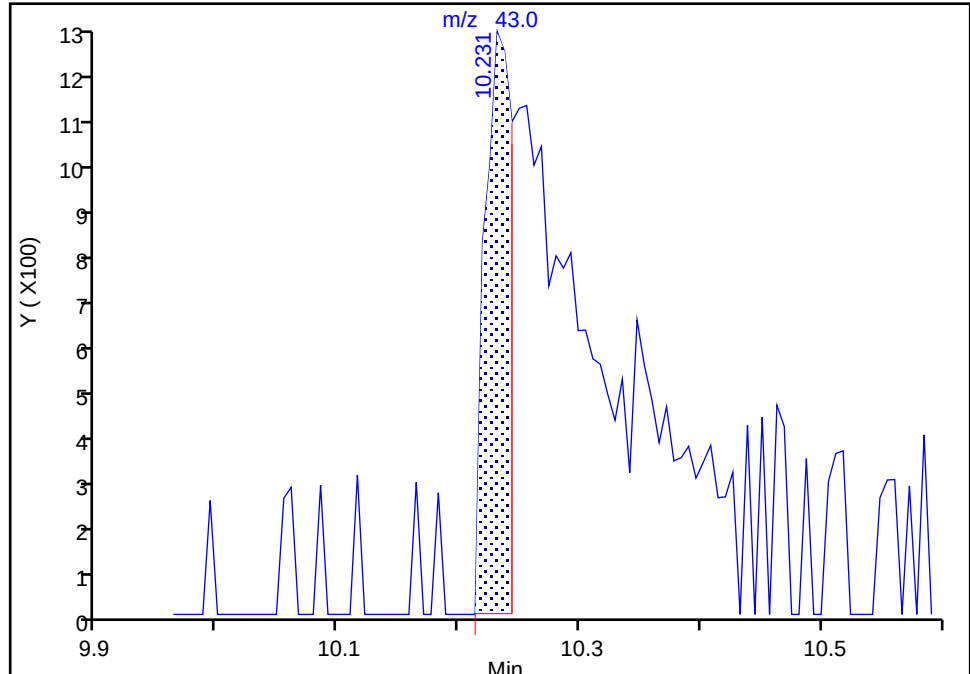
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X13.D
Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

109 2-Hexanone, CAS: 591-78-6

Signal: 1

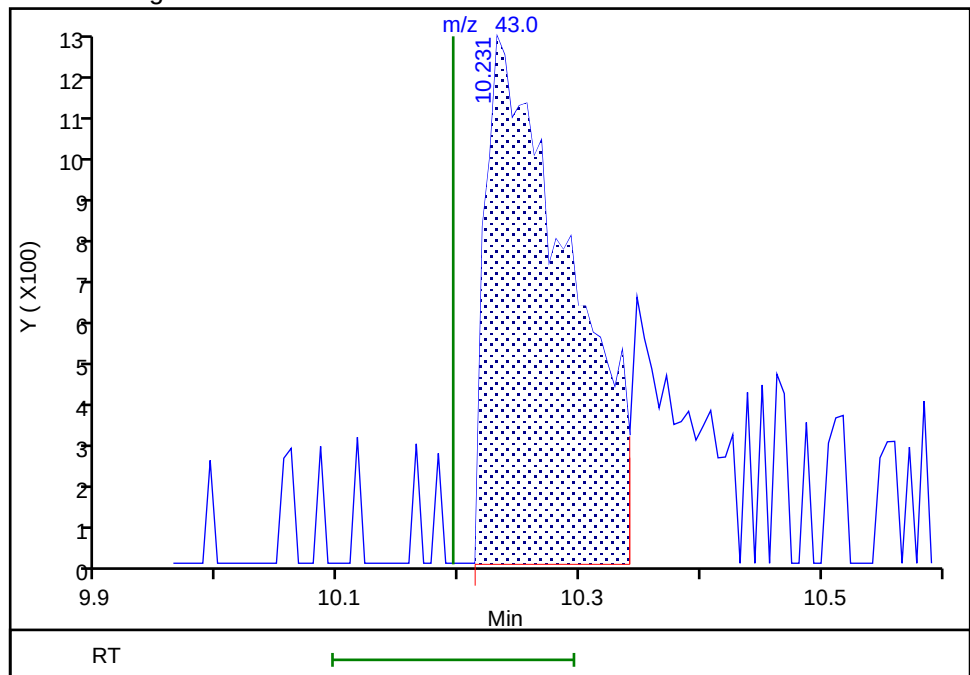
RT: 10.23
Area: 1975
Amount: 0.147942
Amount Units: ug/l

Processing Integration Results



RT: 10.23
Area: 6145
Amount: 0.398056
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:35:15 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

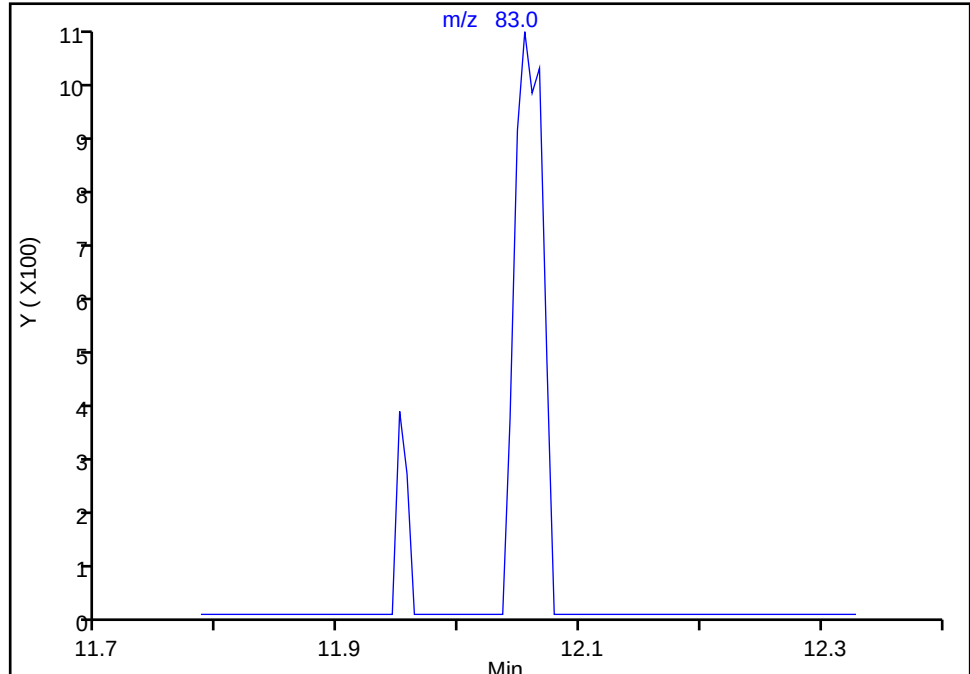
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X13.D
Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

127 1,1,2,2-Tetrachloroethane, CAS: 79-34-5
Signal: 1

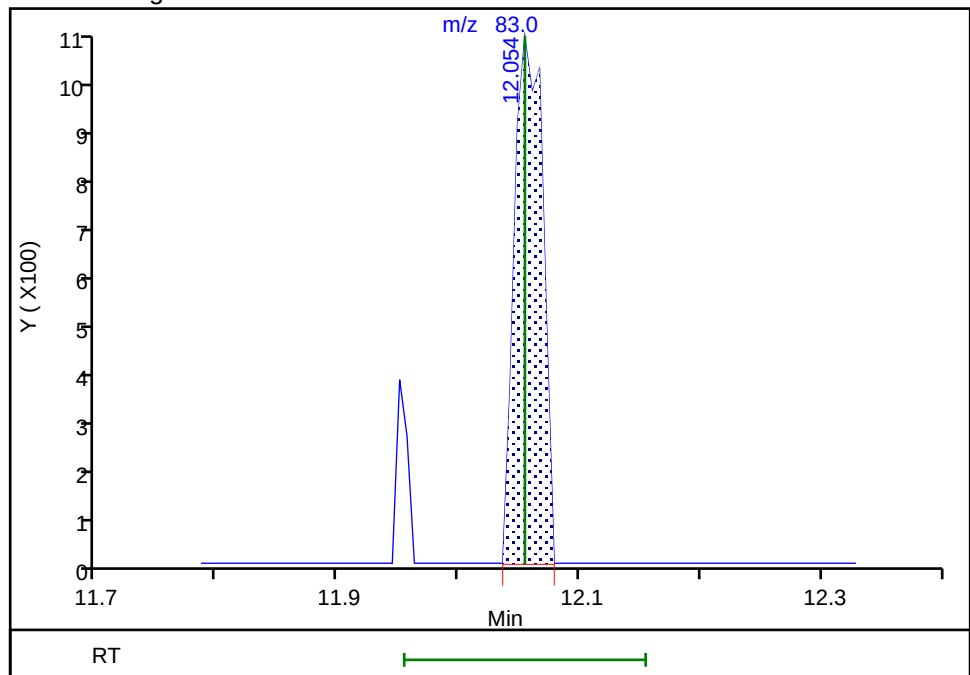
Not Detected
Expected RT: 12.05

Processing Integration Results



RT: 12.05
Area: 1709
Amount: 0.050423
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:35:26 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X13.D

Injection Date: 27-Oct-2025 18:24:30

Instrument ID: 19094

Lims ID: IC std2 0.06

Client ID:

Operator ID: ecr105096

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV_19094_25mL

Limit Group:

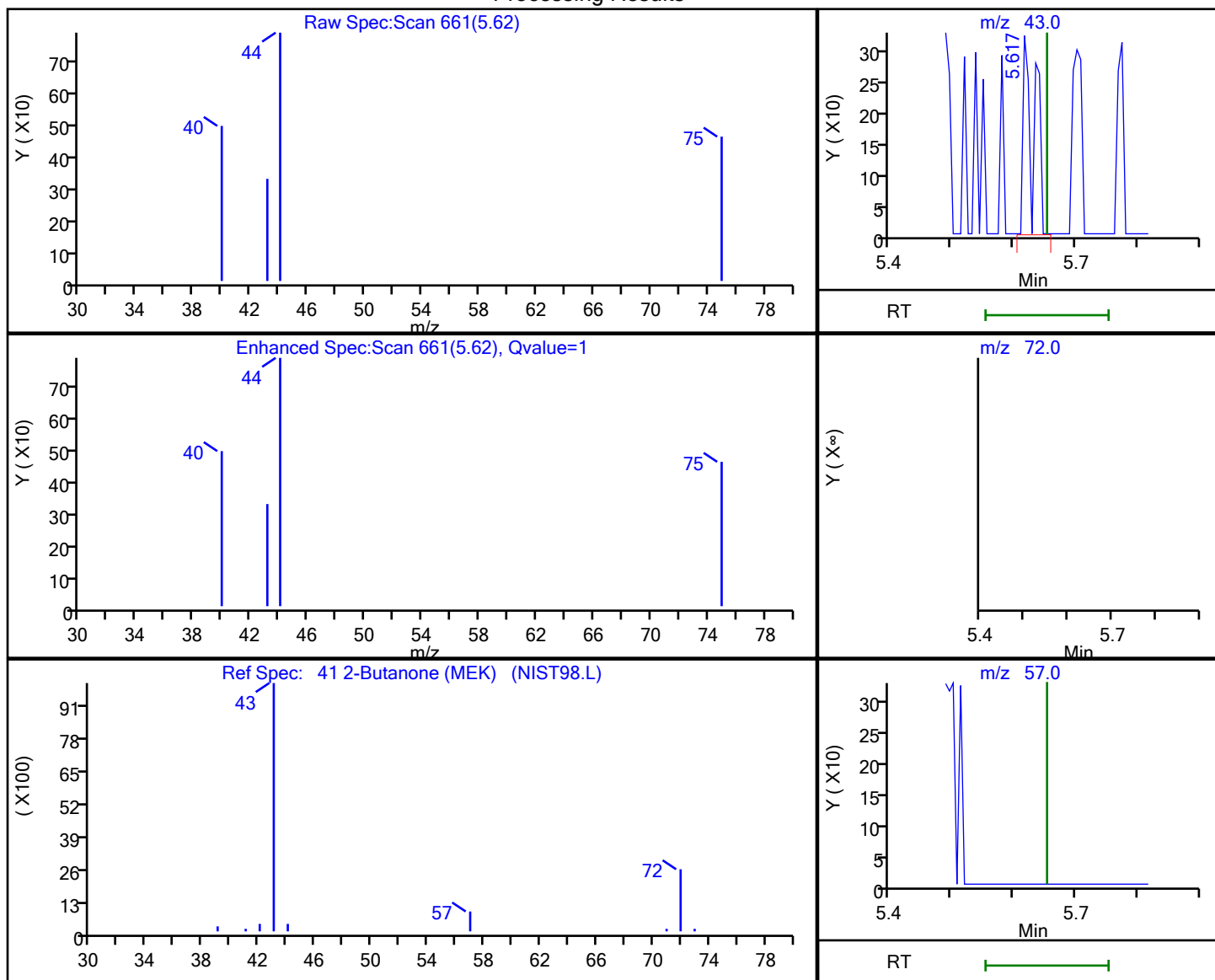
MSV - 8260C_D

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
5.62	43.00	409	0.062769
5.69	72.00	0	
5.69	57.00	0	

Reviewer: JS6E, 28-Oct-2025 02:33:48 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X13.D

Injection Date: 27-Oct-2025 18:24:30

Instrument ID: 19094

Lims ID: IC std2 0.06

Client ID:

Operator ID: ecr105096

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV_19094_25mL

Limit Group:

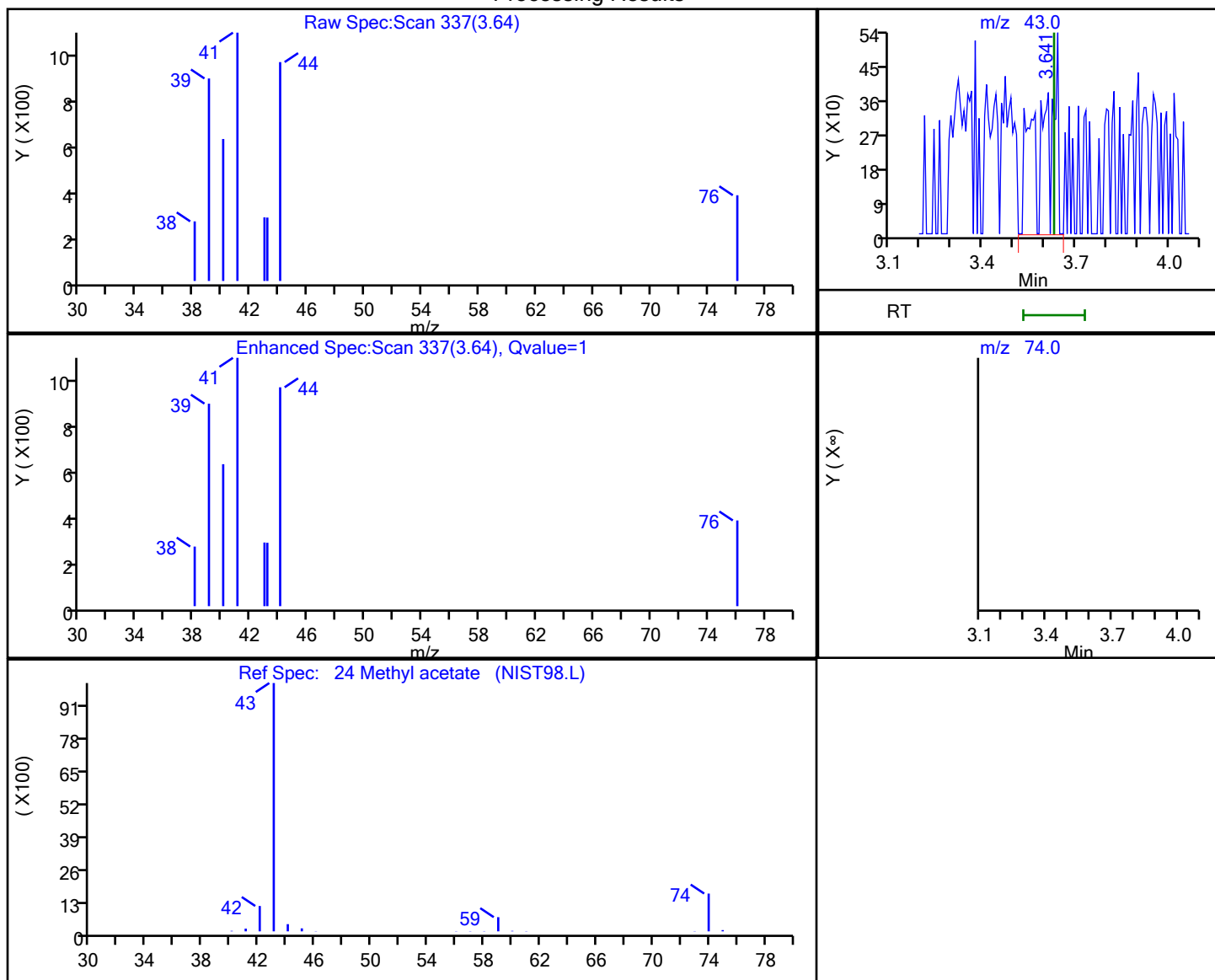
MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

24 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.64	43.00	1923	0.126247
3.66	74.00	0	

Reviewer: JS6E, 28-Oct-2025 02:33:38 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
 Lims ID: IC std3 0.2
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 27-Oct-2025 18:44:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0164600-015
 Misc. Info.: IC STD3 0.2
 Operator ID: ecr105096 Instrument ID: 19094
 Sublist: chrom-MSV_19094_25mL*sub1
 Method: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 29-Oct-2025 10:17:52 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JS6E

Date: 28-Oct-2025 02:29:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.818	1.812	0.006	96	15805	0.2000	0.2096	
5 Chloromethane	50	2.001	1.995	0.006	98	19465	0.2000	0.2262	
6 Butadiene	39	2.093	2.081	0.012	94	19085	0.2000	0.2097	M
7 Vinyl chloride	62	2.105	2.105	0.000	96	17021	0.2000	0.2079	
9 Bromomethane	94	2.410	2.410	0.000	93	11650	0.2000	0.2199	M
10 Chloroethane	64	2.465	2.453	0.012	97	9384	0.2000	0.2155	
11 Dichlorofluoromethane	67	2.672	2.660	0.012	97	25520	0.2000	0.2124	
12 Trichlorofluoromethane	101	2.763	2.757	0.006	83	22507	0.2000	0.2175	
13 Ethyl ether	59	2.964	2.940	0.024	70	5336	0.2001	0.1808	
14 1,2-Dichloro-1,1,2-trifluoroetha	67	3.038	3.013	0.025	91	15120	0.2000	0.2181	
16 Acrolein	56	3.135	3.087	0.048	98	30247	9.76	8.12	
17 1,1-Dichloroethene	96	3.239	3.221	0.018	98	9517	0.2000	0.2054	
19 Acetone	43	3.342	3.251	0.091	20	9540	2.00	2.17	M
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.269	3.257	0.012	54	9787	0.2000	0.2047	
20 Iodomethane	142	3.403	3.398	0.005	99	17346	0.2000	0.2046	
22 Ethyl bromide	108	3.434	3.422	0.012	95	8907	0.1998	0.2100	
23 Carbon disulfide	76	3.513	3.501	0.012	99	27455	0.2000	0.2083	
24 Methyl acetate	43		3.629				ND	ND	U
25 3-Chloro-1-propene	41	3.666	3.648	0.018	89	14513	0.2000	0.1800	M
27 Methylene Chloride	84	3.824	3.812	0.012	92	9516	0.2000	0.2037	
* 28 t-Butyl alcohol-d10 (IS)	65	3.824	3.837	-0.013	79	60767	50.0	50.0	
29 2-Methyl-2-propanol	59	3.922	3.934	-0.012	12	2712	4.00	2.59	
30 Acrylonitrile	53		4.135				ND	ND	
31 Methyl tert-butyl ether	73	4.184	4.178	0.006	96	19574	0.2000	0.1906	
33 trans-1,2-Dichloroethene	96	4.220	4.196	0.024	97	9482	0.2000	0.1854	
34 Hexane	57	4.617	4.605	0.012	91	14471	0.2000	0.1988	
35 1,1-Dichloroethane	63	4.860	4.848	0.012	93	18693	0.2000	0.1963	
37 Isopropyl ether	45	4.909	4.909	0.000	92	28764	0.2000	0.1882	
38 2-Chloro-1,3-butadiene	53	4.970	4.958	0.012	90	16123	0.2000	0.1914	
39 Tert-butyl ethyl ether	59	5.464	5.452	0.012	97	26909	0.2000	0.1952	

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	5.866	5.653	0.213	19	9677	2.00	2.69	M
42 cis-1,2-Dichloroethene	96	5.720	5.696	0.024	80	10419	0.2000	0.1924	
43 2,2-Dichloropropane	77	5.720	5.708	0.012	78	17568	0.2000	0.2061	
44 Propionitrile	54	5.982	5.739	0.243	1	2710	4.00	4.69	M
46 Methacrylonitrile	67	6.013	5.958	0.055	93	12905	2.00	1.62	M
47 Chlorobromomethane	128	6.049	6.031	0.018	91	3672	0.2000	0.1794	M
48 Tetrahydrofuran	71	6.092	6.043	0.049	45	1311	1.00	0.5906	M
S 49 1,2-Dichloroethene, Total	100				0			0.3778	
50 Chloroform	83	6.189	6.190	-0.001	94	18392	0.2000	0.1981	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.409	0.000	93	439950	10.0	10.1	
52 1,1,1-Trichloroethane	97	6.427	6.421	0.006	66	17708	0.2000	0.2019	
54 Cyclohexane	56	6.531	6.525	0.006	90	19661	0.2000	0.2005	
55 1,1-Dichloropropene	75	6.647	6.635	0.012	90	14876	0.2000	0.1942	
56 Carbon tetrachloride	117	6.641	6.641	0.000	90	14279	0.2000	0.1938	
57 Isobutyl alcohol	41	6.842	6.793	0.049	31	6211	10.0	13.8	M
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.866	0.006	79	80399	10.0	9.97	
59 Benzene	78	6.903	6.897	0.006	92	45699	0.2000	0.2059	
60 1,2-Dichloroethane	62	6.982	6.970	0.012	94	9474	0.2000	0.1918	
62 Tert-amyl methyl ether	73	7.104	7.104	0.000	98	22848	0.2000	0.1982	
* 64 Fluorobenzene (IS)	96	7.317	7.318	-0.001	99	1910483	10.0	10.0	
65 n-Heptane	43	7.336	7.342	-0.006	89	16239	0.2000	0.2186	
66 n-Butanol	56		7.702				ND	ND	
67 Trichloroethene	95	7.811	7.805	0.006	97	11780	0.2000	0.2023	M
69 Methylcyclohexane	83	8.128	8.122	0.006	92	20088	0.2000	0.2022	
70 1,2-Dichloropropane	63	8.152	8.141	0.011	79	9775	0.2000	0.1875	
71 2-ethoxy-2-methyl butane	87	8.165	8.165	0.000	93	14869	0.2000	0.1874	
72 Methyl methacrylate	69	8.299	8.244	0.055	33	2450	0.2000	0.1515	M
73 1,4-Dioxane	88		8.250				ND	ND	
74 Dibromomethane	93	8.268	8.256	0.012	91	3801	0.2000	0.1857	M
76 Dichlorobromomethane	83	8.500	8.500	0.000	97	11334	0.2000	0.1897	
77 2-Nitropropane	41	8.780	8.762	0.018	96	5740	1.00	1.04	M
79 1-Bromo-2-chloroethane	63	8.915	8.896	0.019	95	8904	0.2000	0.2020	M
80 cis-1,3-Dichloropropene	75	9.085	9.067	0.018	94	12488	0.2000	0.1814	
81 4-Methyl-2-pentanone (MIBK)	43	9.262	9.256	0.006	97	40961	2.00	1.90	
\$ 82 Toluene-d8 (Surr)	98	9.402	9.396	0.006	94	1921973	10.0	9.92	
84 Toluene	92	9.488	9.482	0.006	98	28057	0.2000	0.1939	
85 trans-1,3-Dichloropropene	75	9.792	9.762	0.030	93	9108	0.2000	0.1723	M
86 Ethyl methacrylate	69	9.853	9.835	0.018	86	6030	0.2000	0.1601	
87 1,1,2-Trichloroethane	97	9.981	9.969	0.012	89	6030	0.2000	0.2008	
S 106 1,3-Dichloropropene, Total	100				0			0.3537	
107 Tetrachloroethene	166	10.067	10.061	0.006	94	12225	0.2000	0.1868	
108 1,3-Dichloropropane	76	10.152	10.140	0.012	93	9312	0.2000	0.1773	
109 2-Hexanone	43	10.219	10.195	0.024	92	21117	2.00	1.54	
111 Chlorodibromomethane	129	10.365	10.366	-0.001	87	6804	0.2000	0.1765	
112 Ethylene Dibromide	107	10.493	10.475	0.018	94	4615	0.2000	0.1699	
* 113 Chlorobenzene-d5 (IS)	117	10.926	10.927	-0.001	87	1373184	10.0	10.0	
114 1-Chlorohexane	91	10.945	10.939	0.006	88	18524	0.2000	0.2208	
115 Chlorobenzene	112	10.951	10.951	0.000	95	28582	0.2000	0.1925	
116 1,1,1,2-Tetrachloroethane	131	11.042	11.036	0.006	92	9328	0.2000	0.1854	
117 Ethylbenzene	91	11.048	11.042	0.006	99	55537	0.2000	0.1969	
118 m-Xylene & p-Xylene	106	11.170	11.164	0.006	99	41532	0.4000	0.3776	
S 119 Xylenes, Total	106				0			0.5632	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
120 o-Xylene	106	11.505	11.500	0.005	97	19228	0.2000	0.1856	
121 Styrene	104	11.524	11.512	0.012	95	28257	0.2000	0.1741	
122 Bromoform	173	11.676	11.670	0.006	90	3467	0.2000	0.1735	
123 Isopropylbenzene	105	11.804	11.804	0.000	95	53218	0.2000	0.1879	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	88	685565	10.0	9.84	
127 1,1,2,2-Tetrachloroethane	83	12.054	12.054	0.000	47	6487	0.2000	0.1882	M
128 Bromobenzene	156	12.066	12.067	-0.001	95	11261	0.2000	0.2006	
129 trans-1,4-Dichloro-2-butene	53	12.085	12.079	0.006	91	12187	2.00	1.63	
130 1,2,3-Trichloropropane	110	12.109	12.097	0.012	74	1835	0.2000	0.1998	
131 N-Propylbenzene	91	12.140	12.140	0.000	99	63753	0.2000	0.1953	
132 2-Chlorotoluene	126	12.219	12.213	0.006	96	11949	0.2000	0.1934	
133 1,3,5-Trimethylbenzene	105	12.280	12.280	0.000	93	44836	0.2000	0.1933	
134 4-Chlorotoluene	126	12.310	12.304	0.006	97	12066	0.2000	0.1915	
135 tert-Butylbenzene	134	12.524	12.524	0.000	92	10114	0.2000	0.2031	
136 Pentachloroethane	167	12.554	12.548	0.006	76	6222	0.2000	0.1846	
137 1,2,4-Trimethylbenzene	105	12.566	12.566	0.000	97	43852	0.2000	0.1857	
138 sec-Butylbenzene	105	12.688	12.688	0.000	95	54935	0.2000	0.1901	
139 1,3-Dichlorobenzene	146	12.786	12.786	0.000	96	21739	0.2000	0.1905	
140 4-Isopropyltoluene	119	12.798	12.798	0.000	97	46435	0.2000	0.1859	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	742810	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.859	12.859	0.000	96	23181	0.2000	0.1980	
143 1,2,3-Trimethylbenzene	120	12.871	12.871	0.000	98	18666	0.2000	0.1916	
144 Benzyl chloride	126	12.938	12.932	0.006	98	2177	0.2000	0.1635	
145 p-Diethylbenzene	119	13.072	13.072	0.000	93	27979	0.2000	0.1891	
146 n-Butylbenzene	92	13.091	13.091	0.000	98	21520	0.2000	0.1796	
147 1,2-Dichlorobenzene	146	13.121	13.115	0.006	97	19500	0.2000	0.1938	
148 1,2-Dibromo-3-Chloropropane	155	13.664	13.664	0.000	68	572	0.2000	0.1361	
150 1,3,5-Trichlorobenzene	180	13.792	13.792	0.000	96	14954	0.2000	0.1859	
151 1,2,4-Trichlorobenzene	180	14.218	14.213	0.006	94	10653	0.2000	0.1719	
152 Hexachlorobutadiene	225	14.298	14.298	0.000	96	5216	0.2000	0.1923	
153 Naphthalene	128	14.401	14.389	0.012	97	18759	0.2000	0.1821	
154 1,2,3-Trichlorobenzene	180	14.535	14.530	0.005	95	8816	0.2000	0.1743	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

MSV_LL_#1_826_00182	Amount Added: 2.00	Units: uL	
MSV_LL_GAS826_00295	Amount Added: 2.00	Units: uL	
MSV_LL_#2_826_00196	Amount Added: 2.00	Units: uL	
MSV_LLcentISS_00019	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 29-Oct-2025 10:17:53

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D

Injection Date: 27-Oct-2025 18:44:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: IC std3 0.2

Worklist Smp#: 15

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

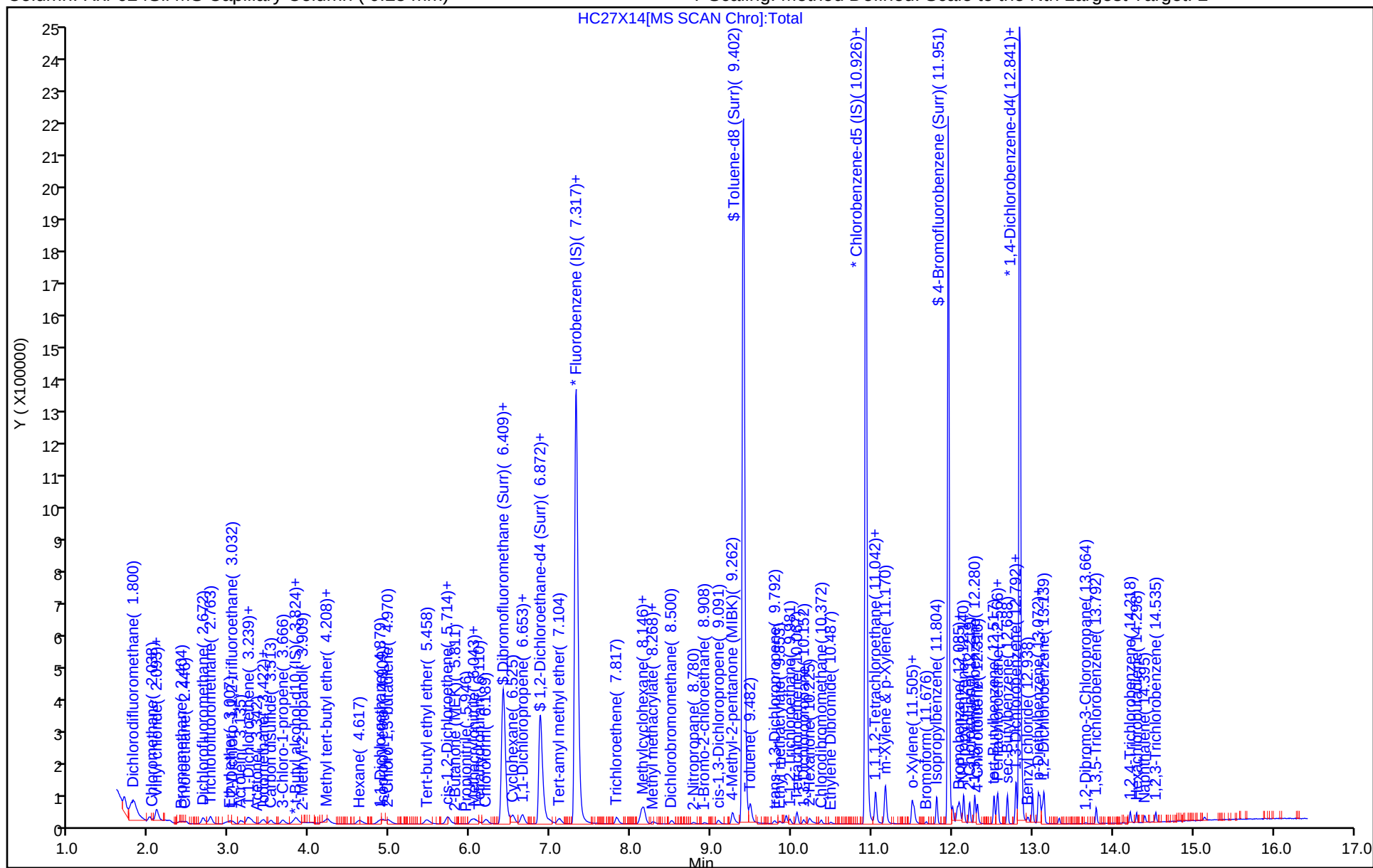
ALS Bottle#: 14

Method: MSV_19094_25mL

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

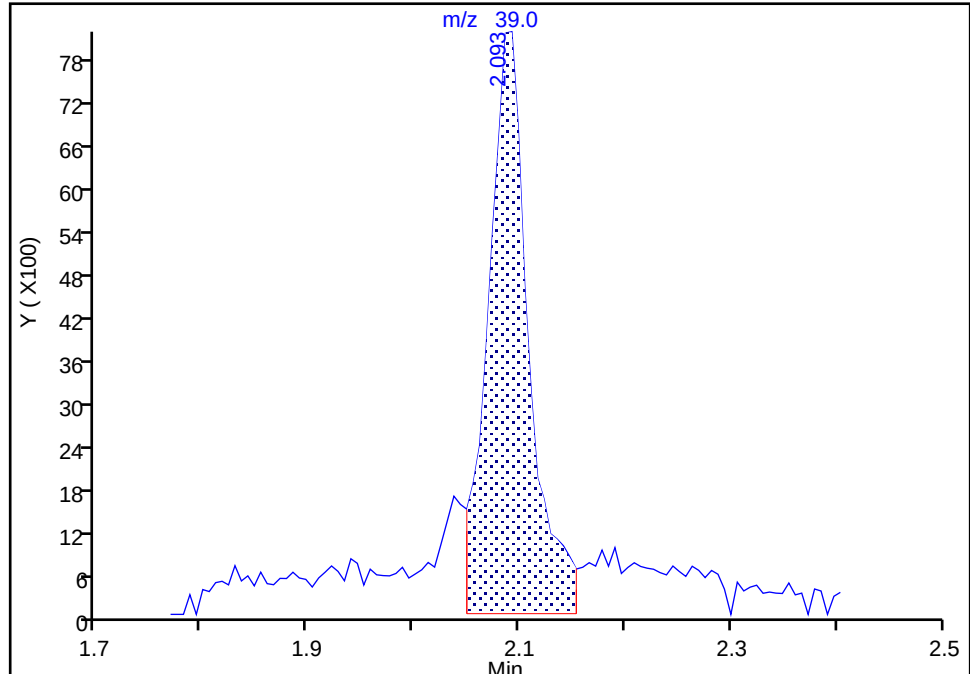
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Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

6 Butadiene, CAS: 106-99-0

Signal: 1

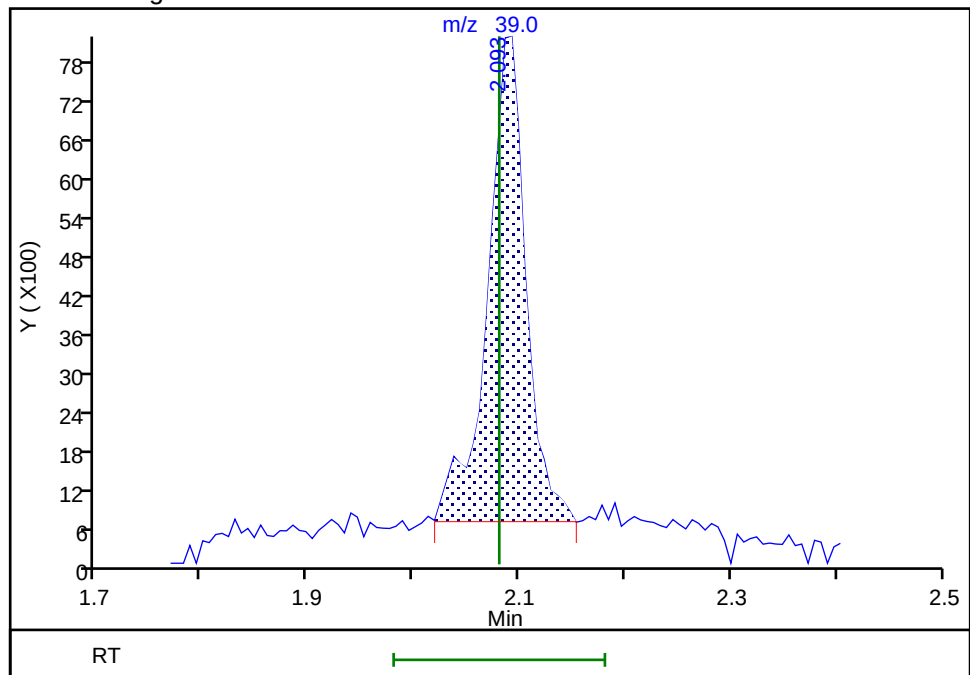
RT: 2.09
Area: 22126
Amount: 0.217118
Amount Units: ug/l

Processing Integration Results



RT: 2.09
Area: 19085
Amount: 0.209737
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:28:09 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

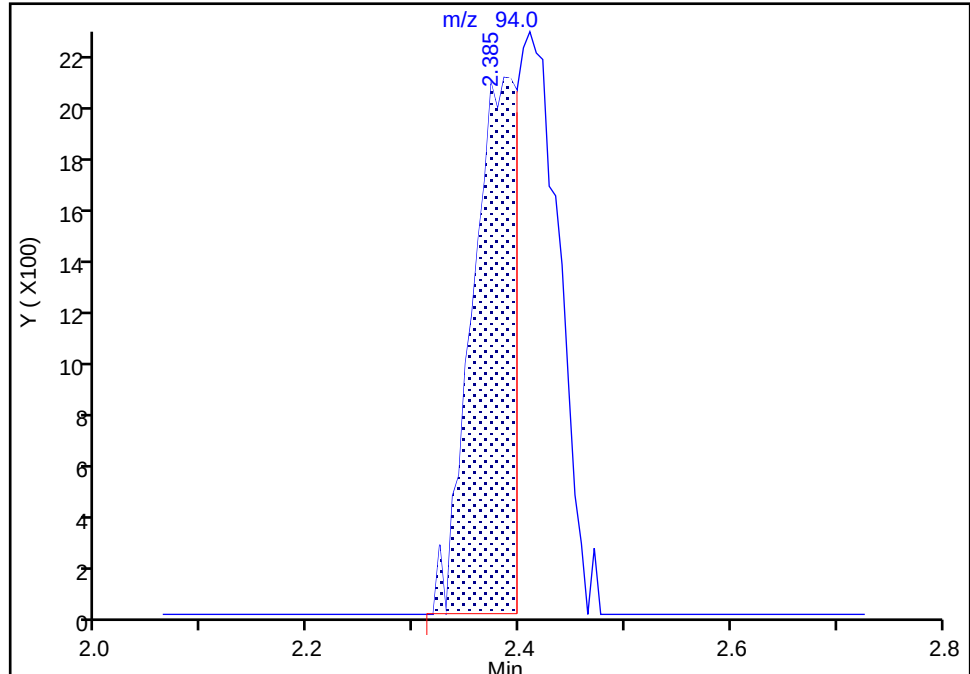
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

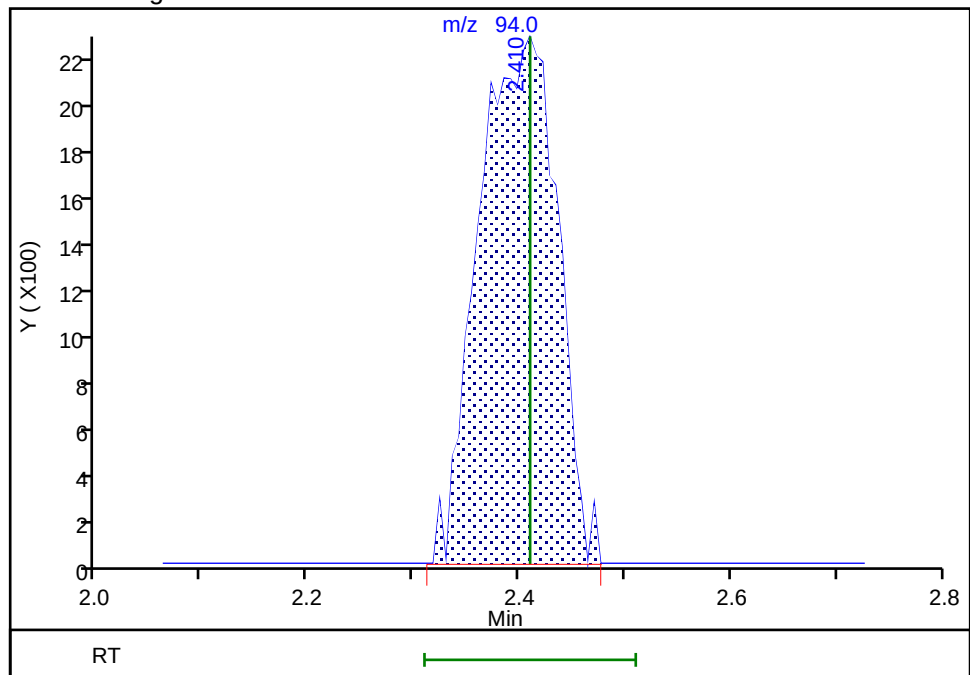
RT: 2.39
Area: 6086
Amount: 0.131158
Amount Units: ug/l

Processing Integration Results



RT: 2.41
Area: 11650
Amount: 0.219911
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:28:15 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

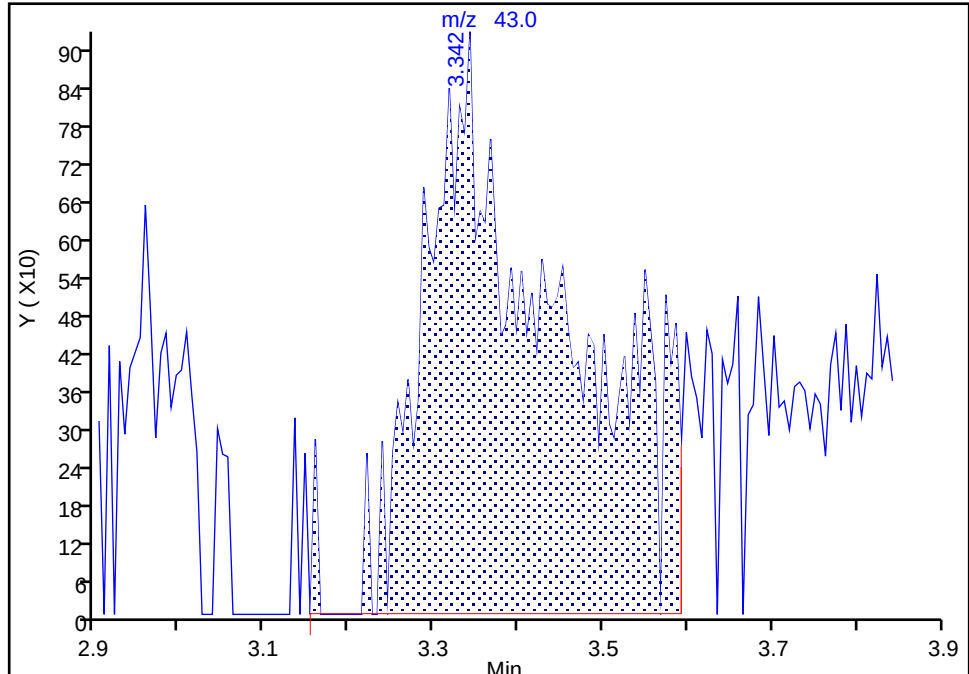
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

19 Acetone, CAS: 67-64-1

Signal: 1

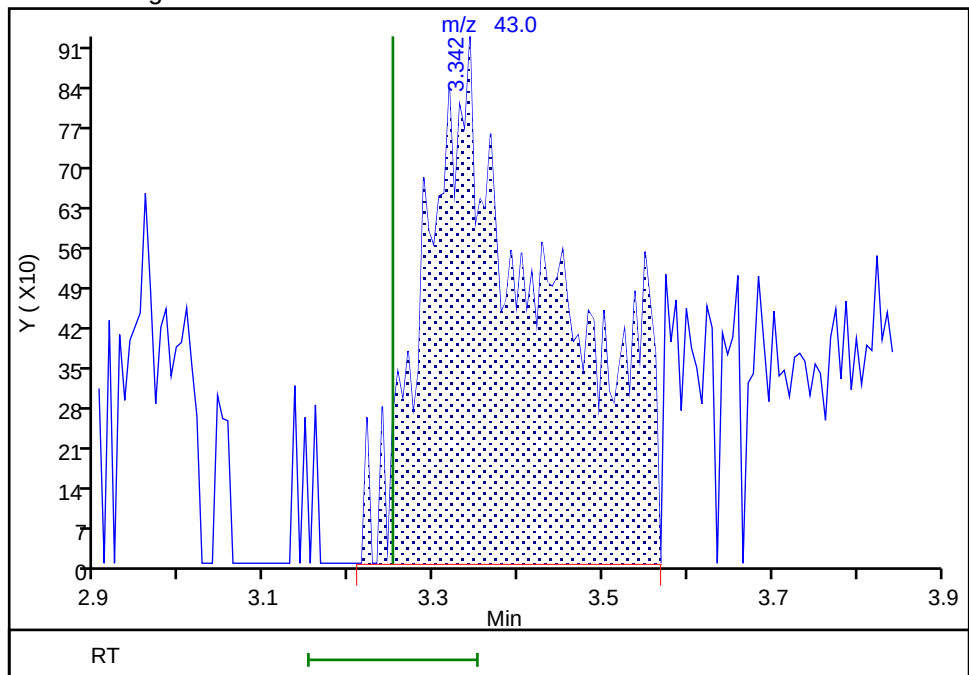
RT: 3.34
Area: 10240
Amount: 2.302918
Amount Units: ug/l

Processing Integration Results



RT: 3.34
Area: 9540
Amount: 2.169892
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:59:53 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

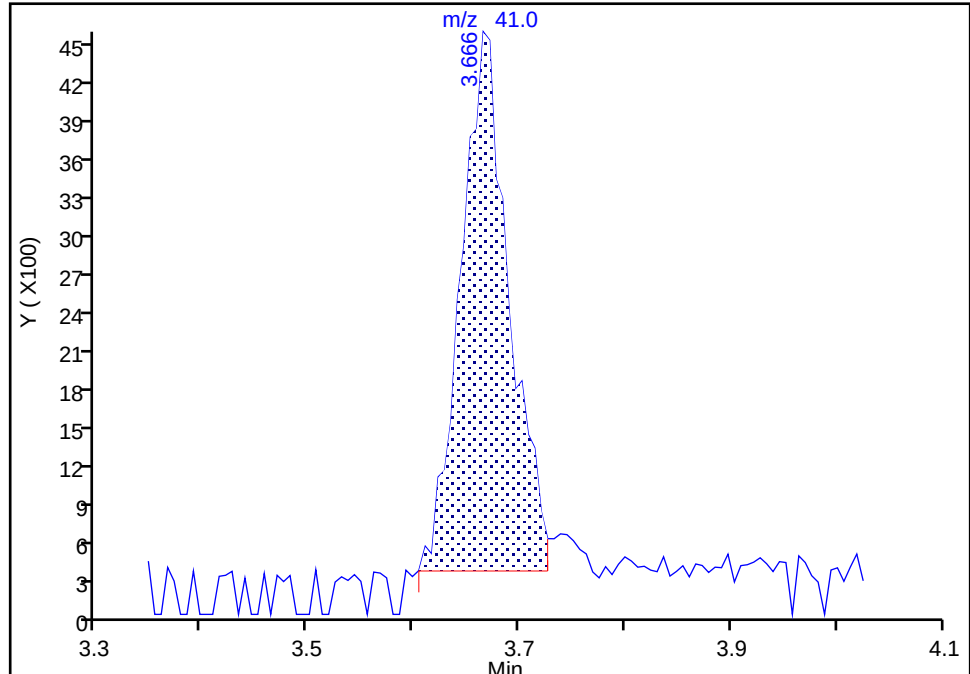
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 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

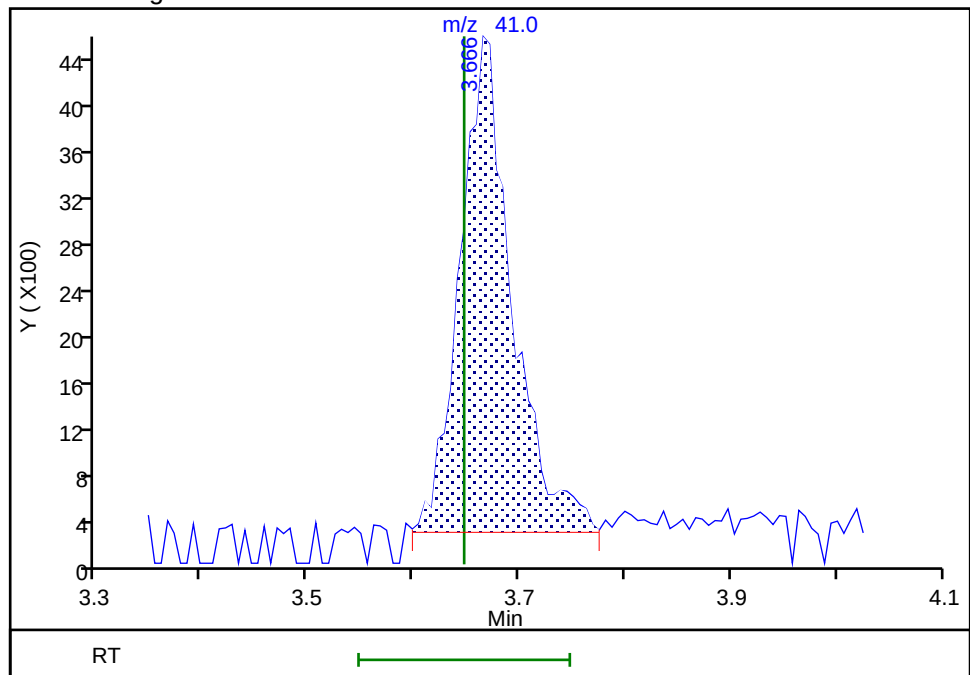
RT: 3.67
Area: 13323
Amount: 0.152889
Amount Units: ug/l

Processing Integration Results



RT: 3.67
Area: 14513
Amount: 0.179990
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:28:40 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

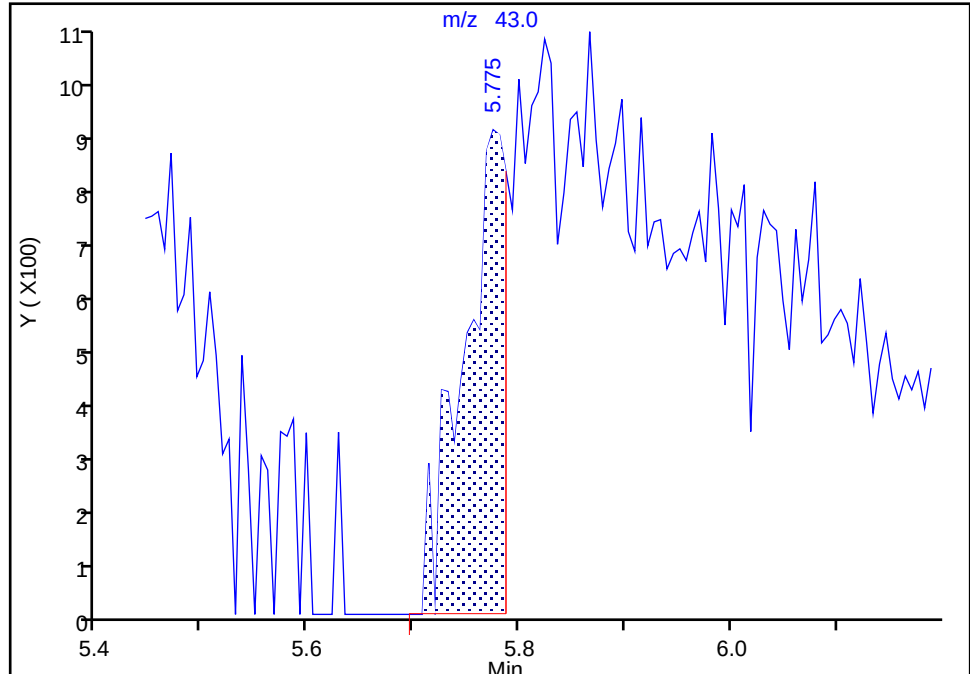
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

41 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

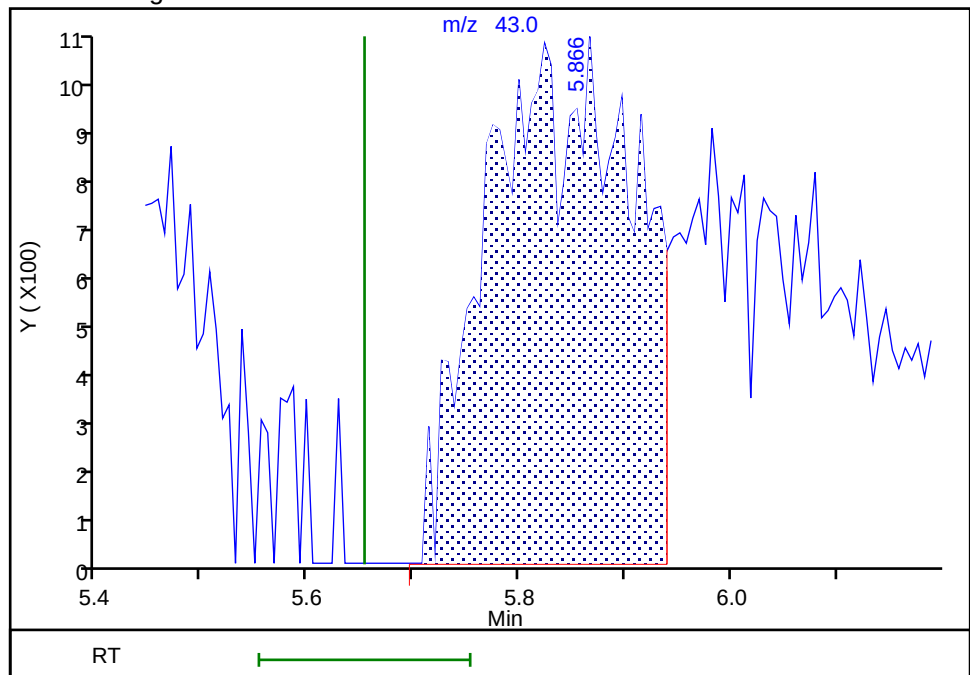
RT: 5.77
Area: 2382
Amount: 0.445901
Amount Units: ug/l

Processing Integration Results



RT: 5.87
Area: 9677
Amount: 2.691947
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:29:01 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

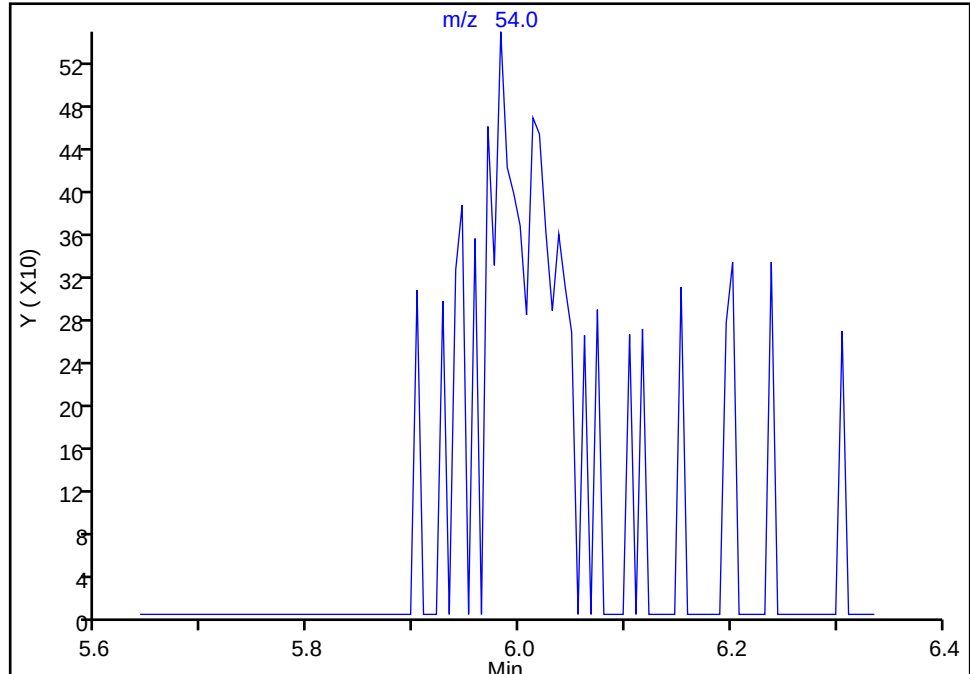
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

44 Propionitrile, CAS: 107-12-0

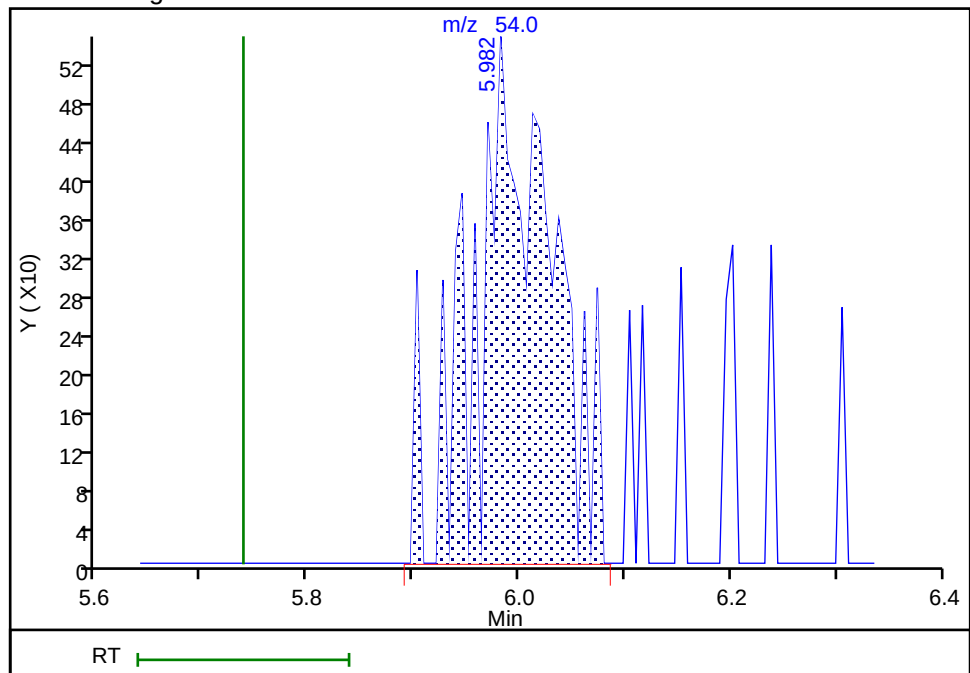
Signal: 1

Not Detected
Expected RT: 5.74

Processing Integration Results



Manual Integration Results



RT: 5.98
Area: 2710
Amount: 4.688565
Amount Units: ug/l

Reviewer: JS6E, 28-Oct-2025 02:29:33 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

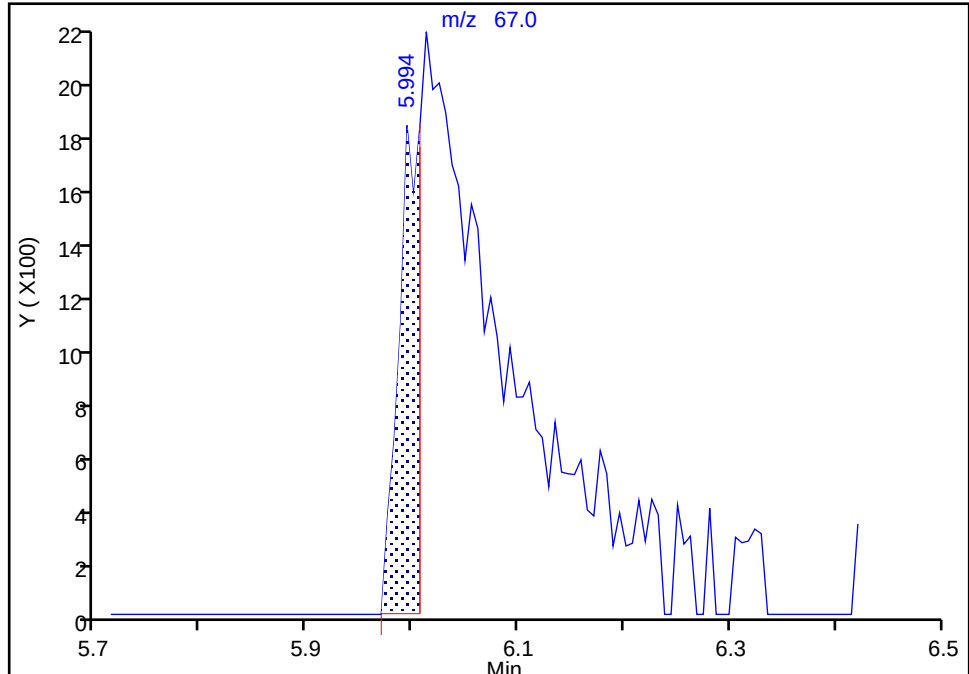
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Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

46 Methacrylonitrile, CAS: 126-98-7

Signal: 1

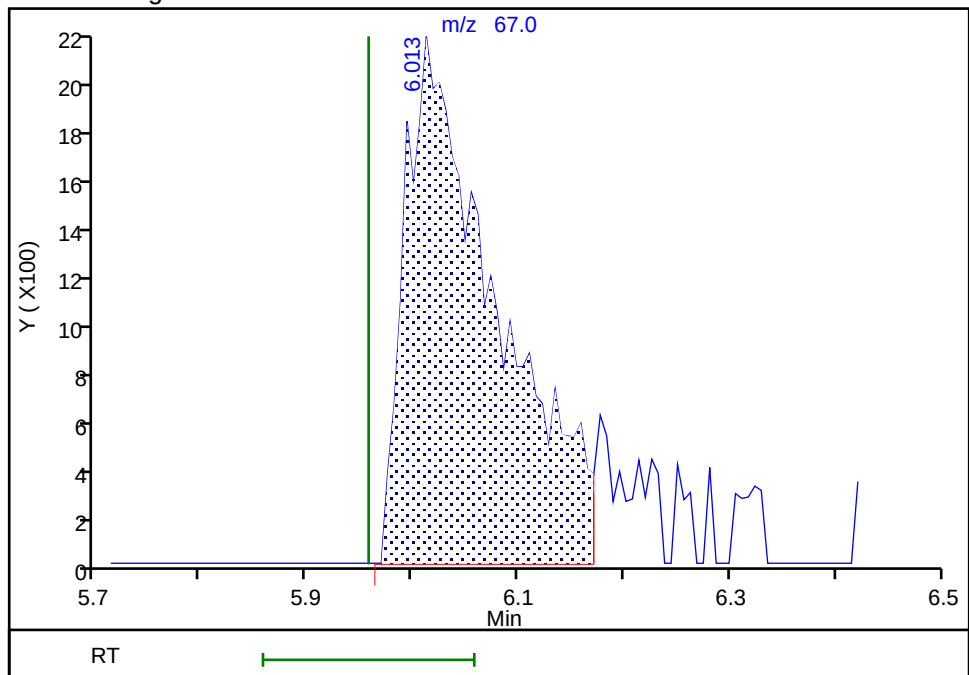
RT: 5.99
Area: 2633
Amount: 0.412579
Amount Units: ug/l

Processing Integration Results



RT: 6.01
Area: 12905
Amount: 1.624896
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:30:51 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

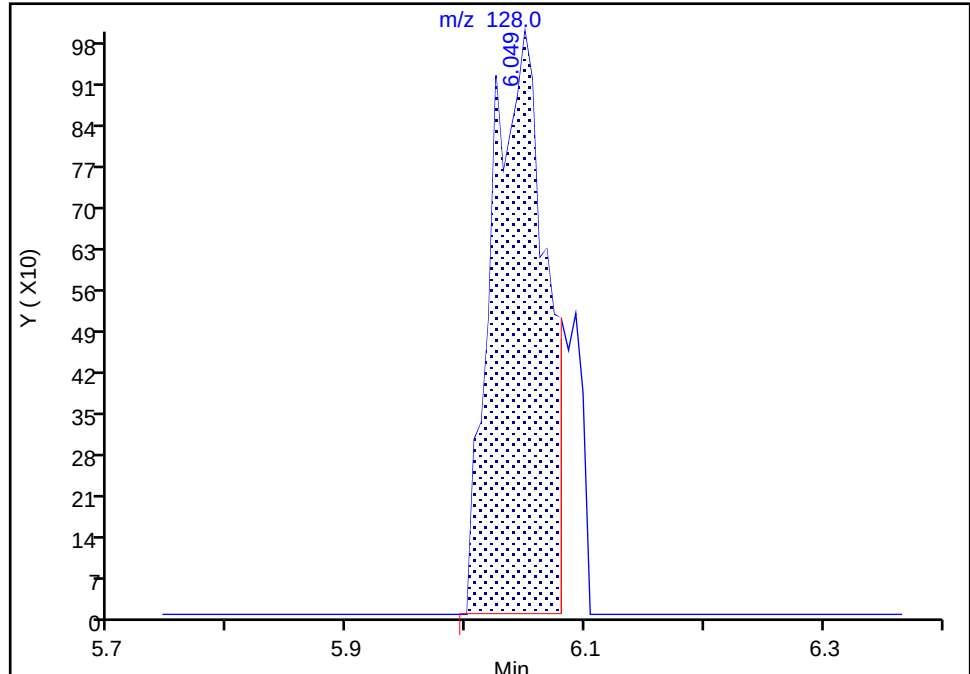
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Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

47 Chlorobromomethane, CAS: 74-97-5

Signal: 1

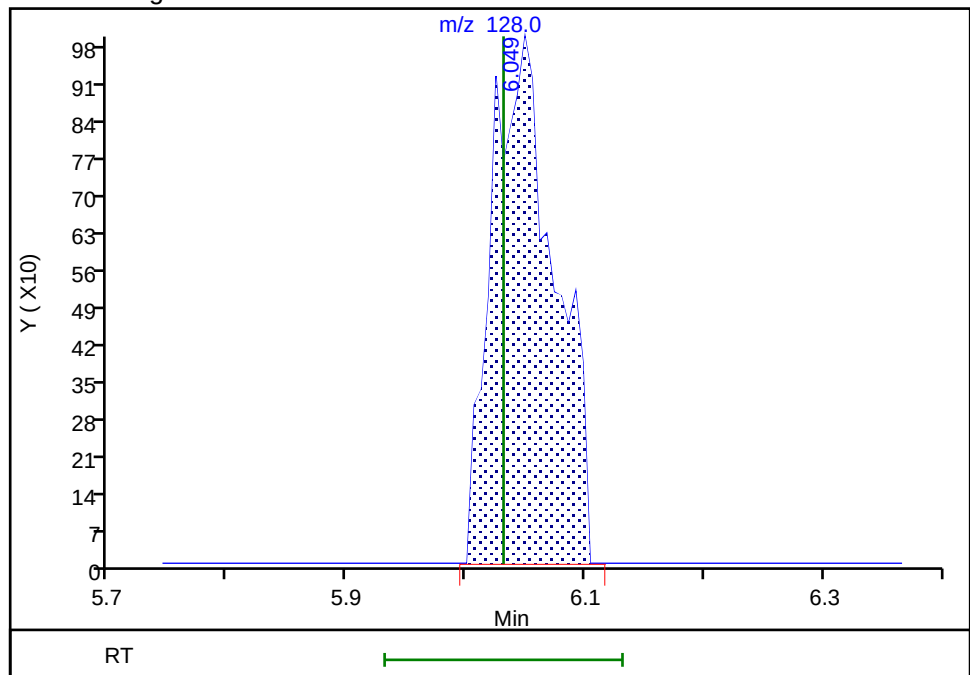
RT: 6.05
Area: 3179
Amount: 0.182912
Amount Units: ug/l

Processing Integration Results



RT: 6.05
Area: 3672
Amount: 0.179378
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:31:02 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

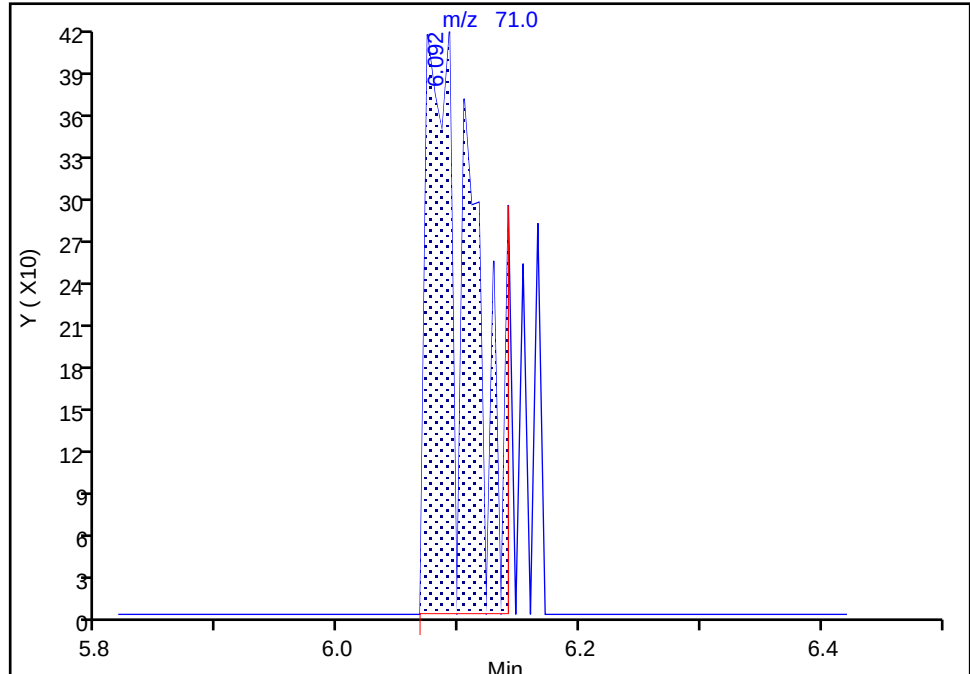
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

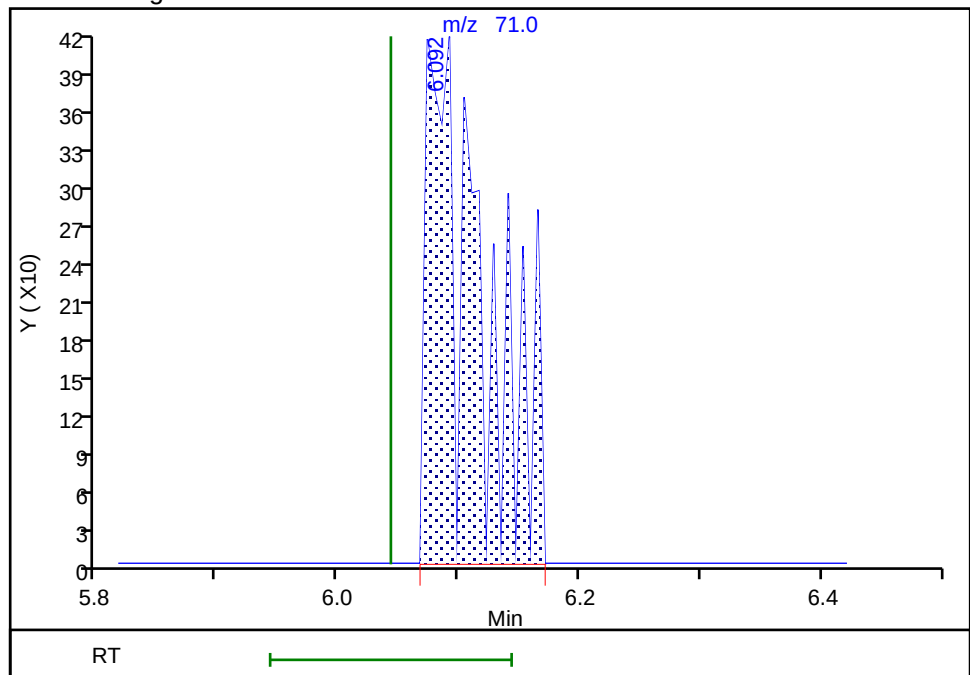
RT: 6.09
Area: 1117
Amount: 0.541658
Amount Units: ug/l

Processing Integration Results



RT: 6.09
Area: 1311
Amount: 0.590616
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:31:07 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

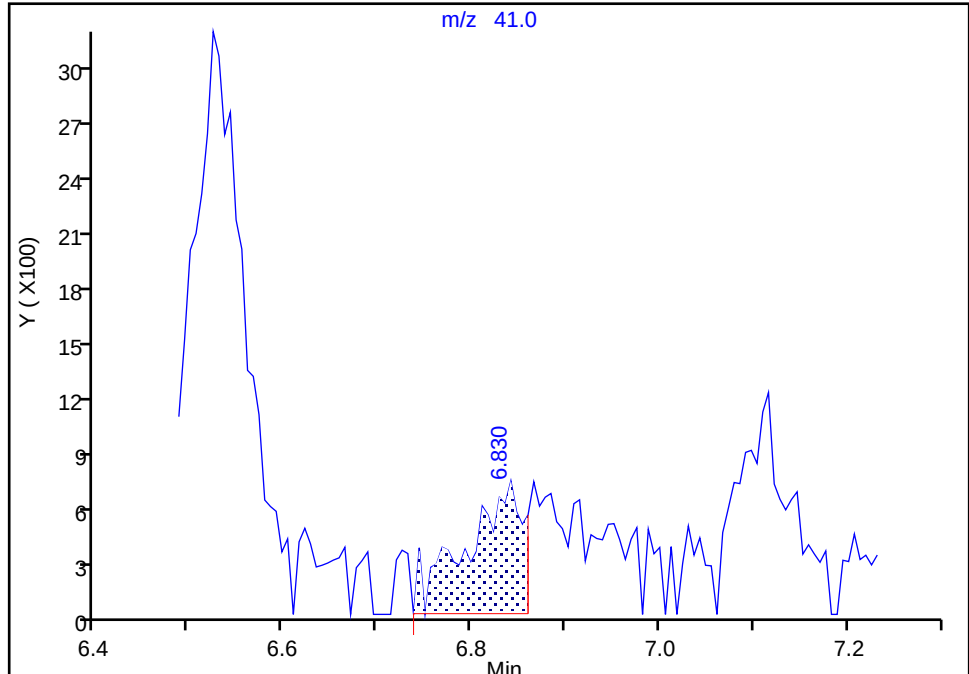
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

57 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

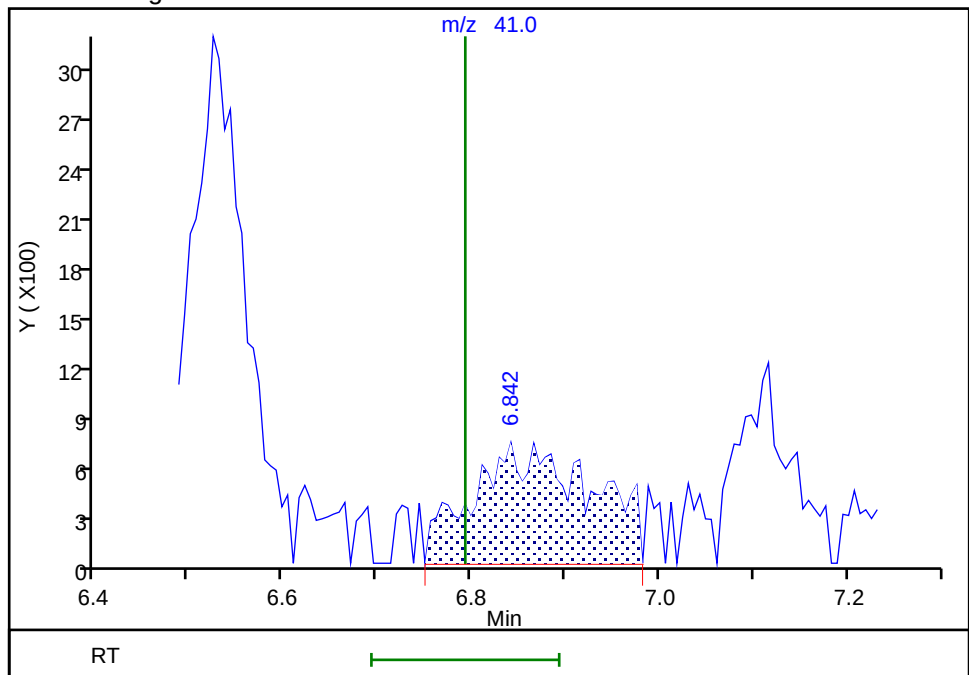
RT: 6.83
Area: 2987
Amount: 6.428871
Amount Units: ug/l

Processing Integration Results



RT: 6.84
Area: 6211
Amount: 13.833045
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 03:21:11 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

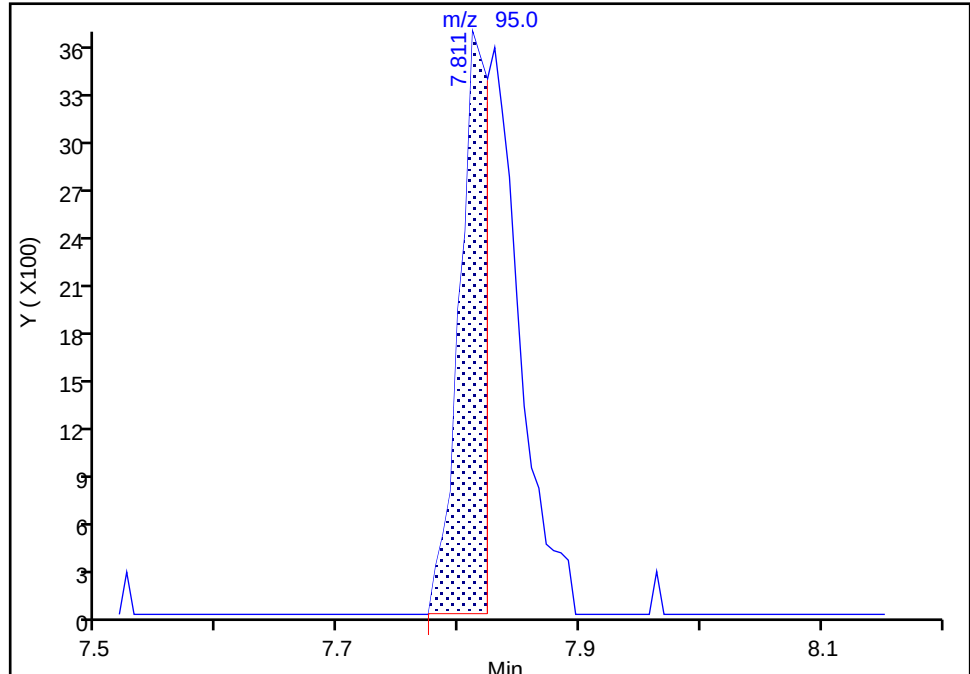
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Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

67 Trichloroethene, CAS: 79-01-6

Signal: 1

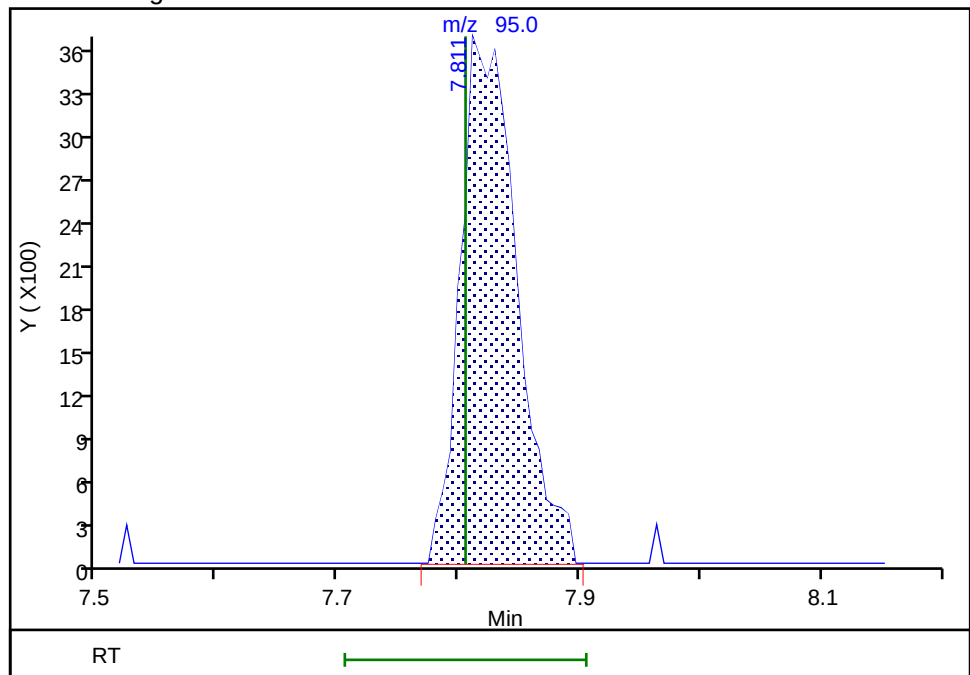
RT: 7.81
Area: 5957
Amount: 0.121391
Amount Units: ug/l

Processing Integration Results



RT: 7.81
Area: 11780
Amount: 0.202276
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:31:27 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

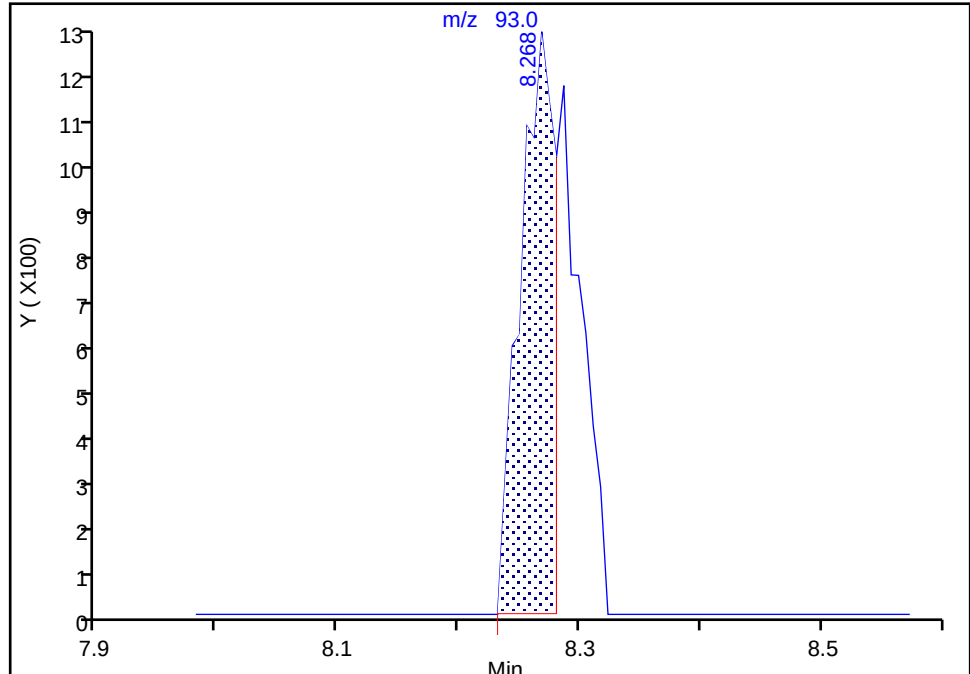
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Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

74 Dibromomethane, CAS: 74-95-3

Signal: 1

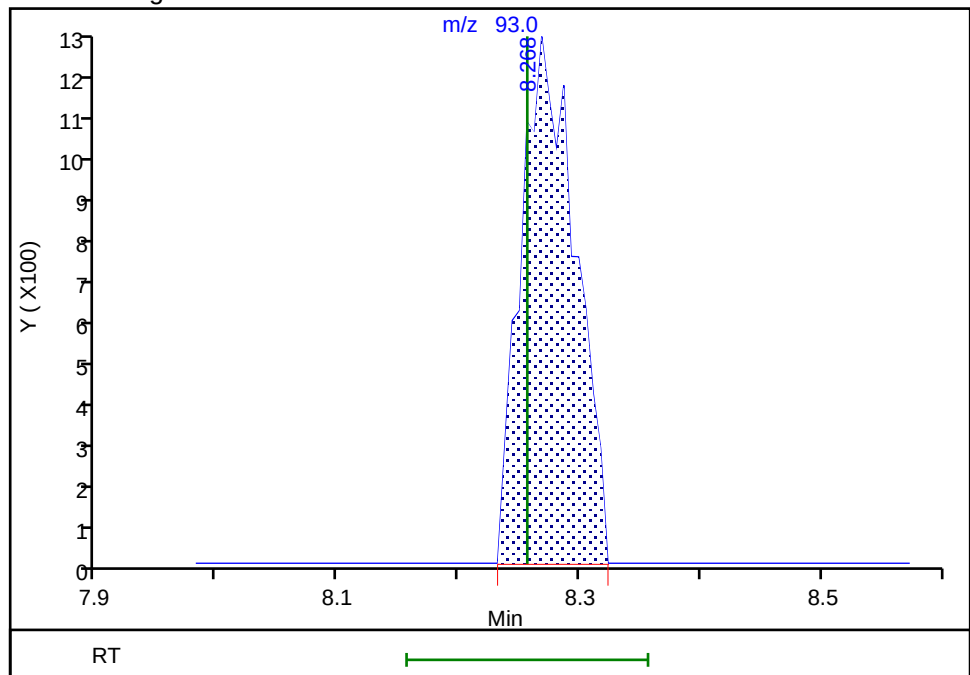
RT: 8.27
Area: 2430
Amount: 0.159250
Amount Units: ug/l

Processing Integration Results



RT: 8.27
Area: 3801
Amount: 0.185692
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:31:38 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

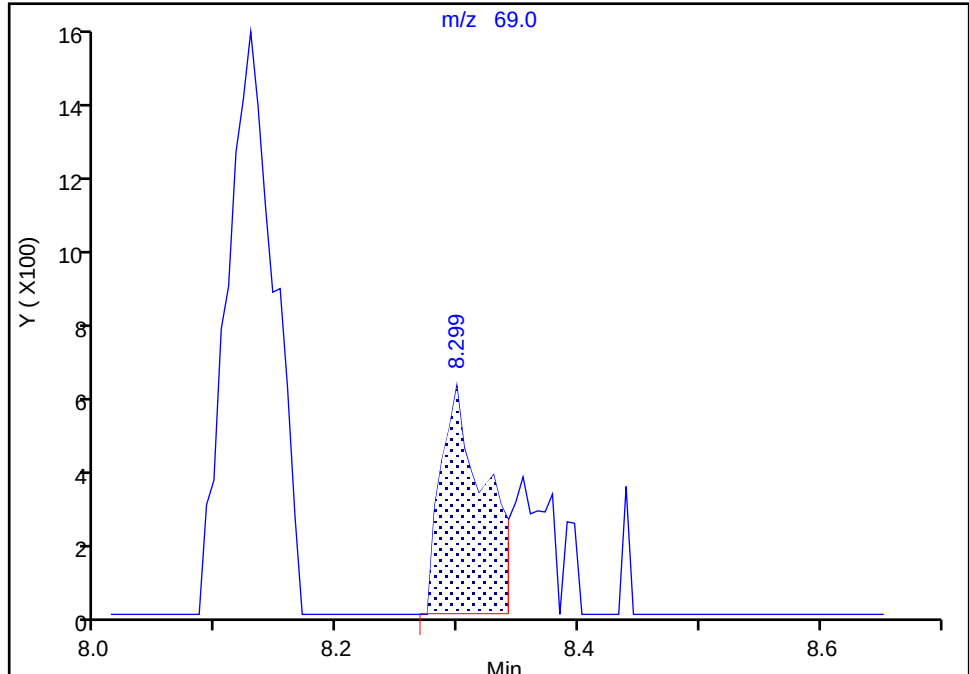
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 Methyl methacrylate, CAS: 80-62-6

Signal: 1

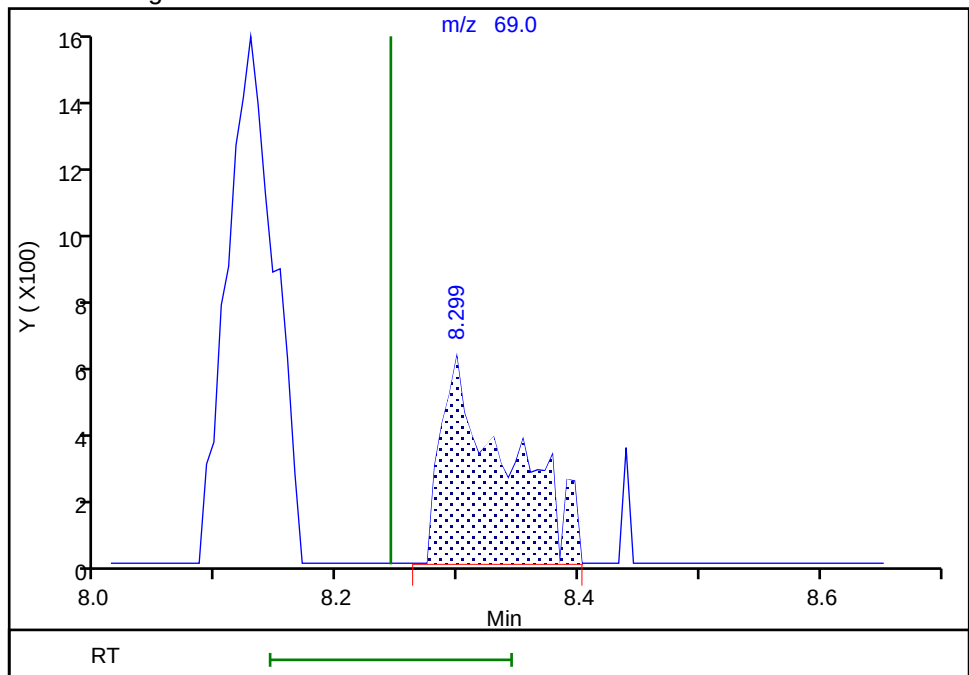
RT: 8.30
Area: 1587
Amount: 0.205277
Amount Units: ug/l

Processing Integration Results



RT: 8.30
Area: 2450
Amount: 0.151518
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:31:33 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

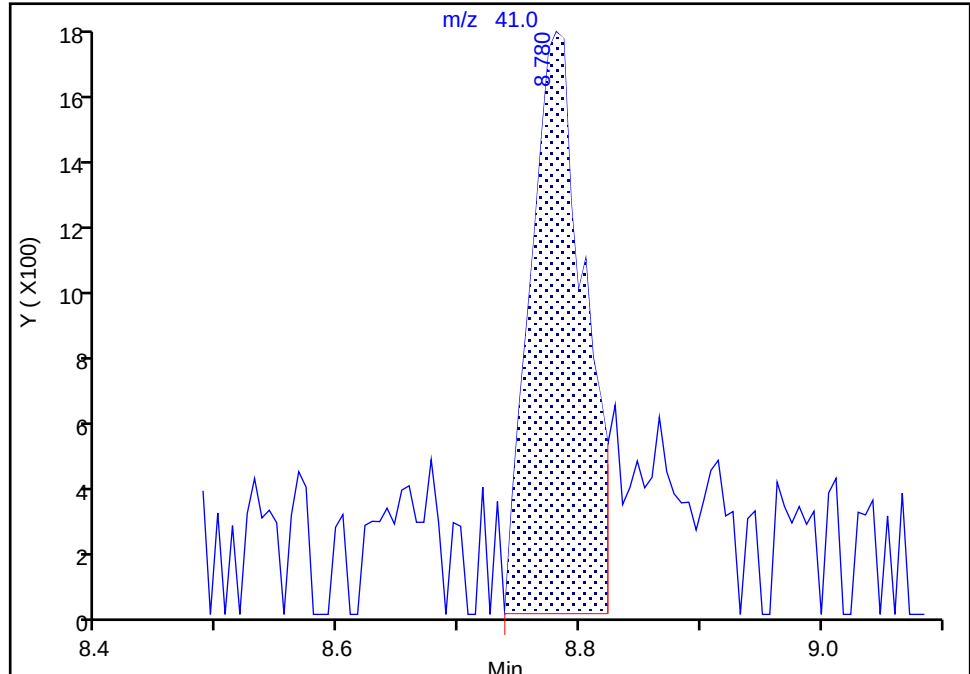
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

77 2-Nitropropane, CAS: 79-46-9

Signal: 1

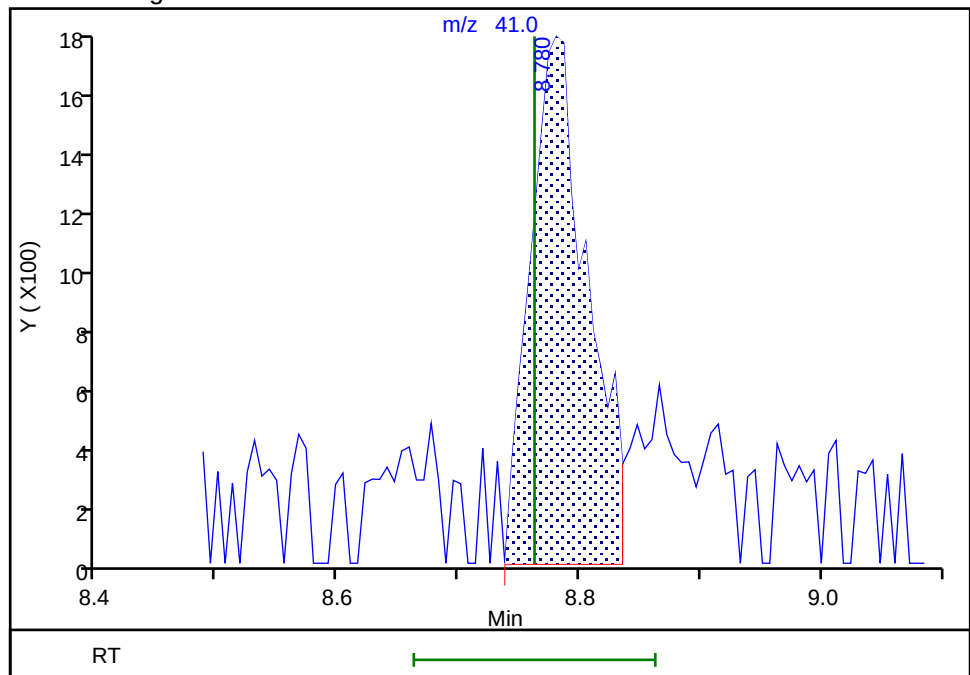
RT: 8.78
Area: 5391
Amount: 1.069771
Amount Units: ug/l

Processing Integration Results



RT: 8.78
Area: 5740
Amount: 1.038998
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:31:48 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

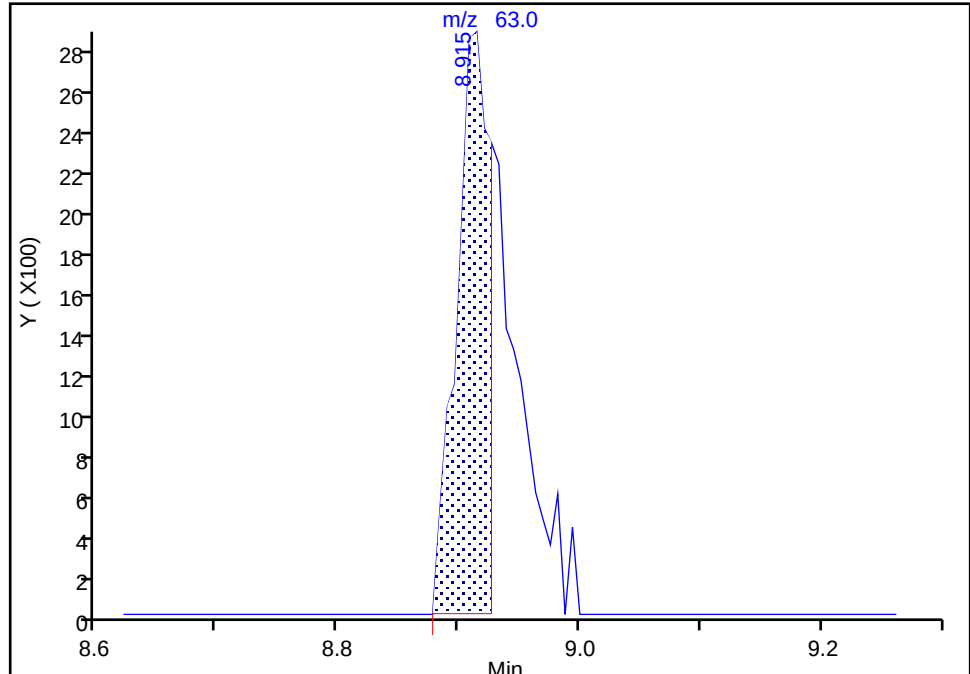
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

79 1-Bromo-2-chloroethane, CAS: 107-04-0

Signal: 1

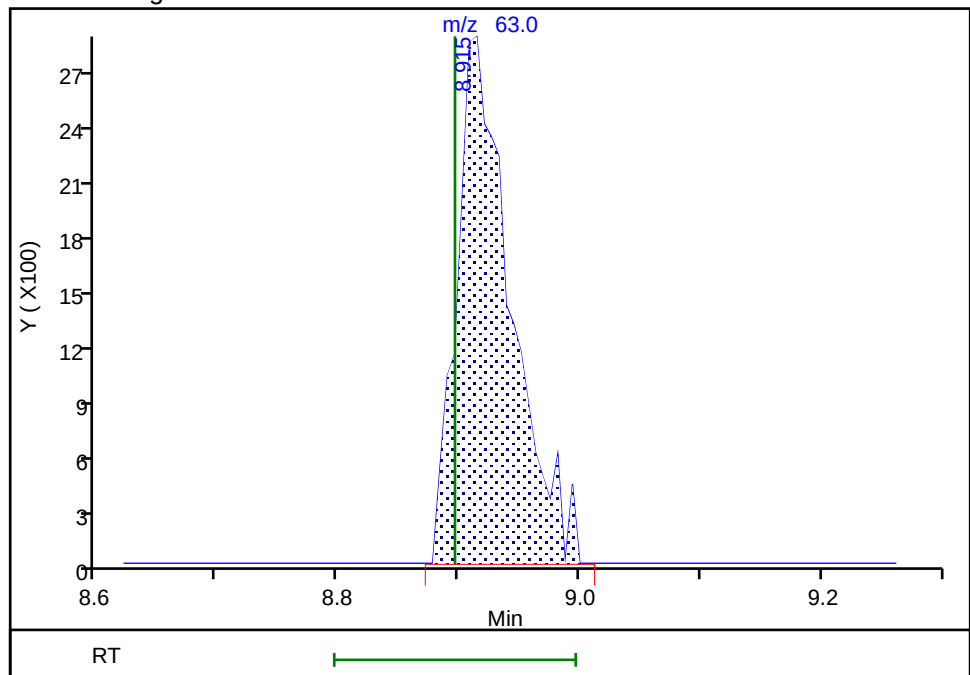
RT: 8.91
Area: 5486
Amount: 0.138386
Amount Units: ug/l

Processing Integration Results



RT: 8.91
Area: 8904
Amount: 0.202020
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:31:55 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

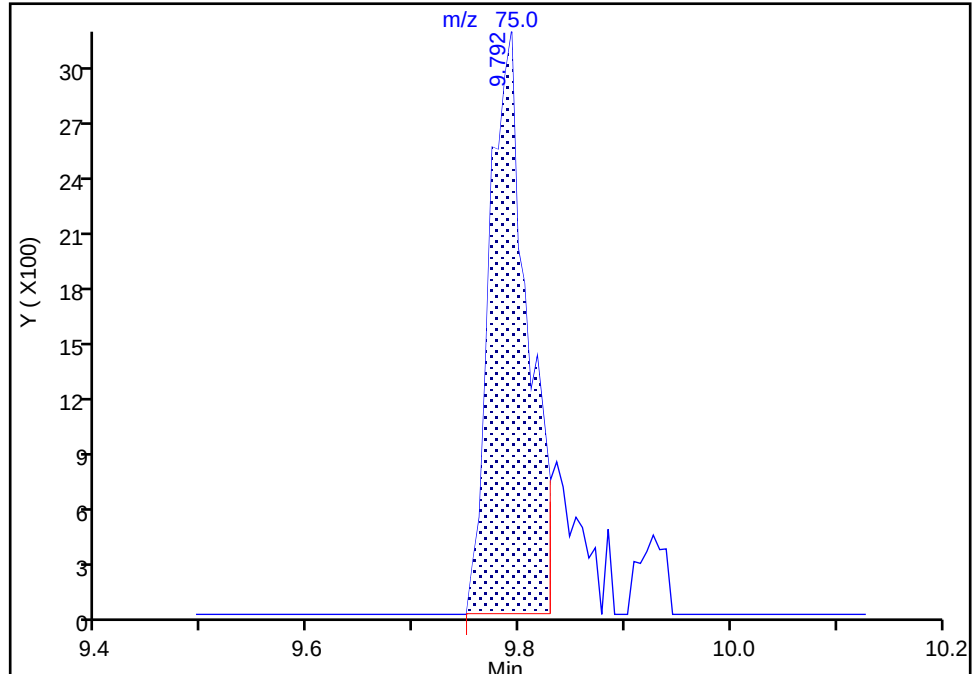
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

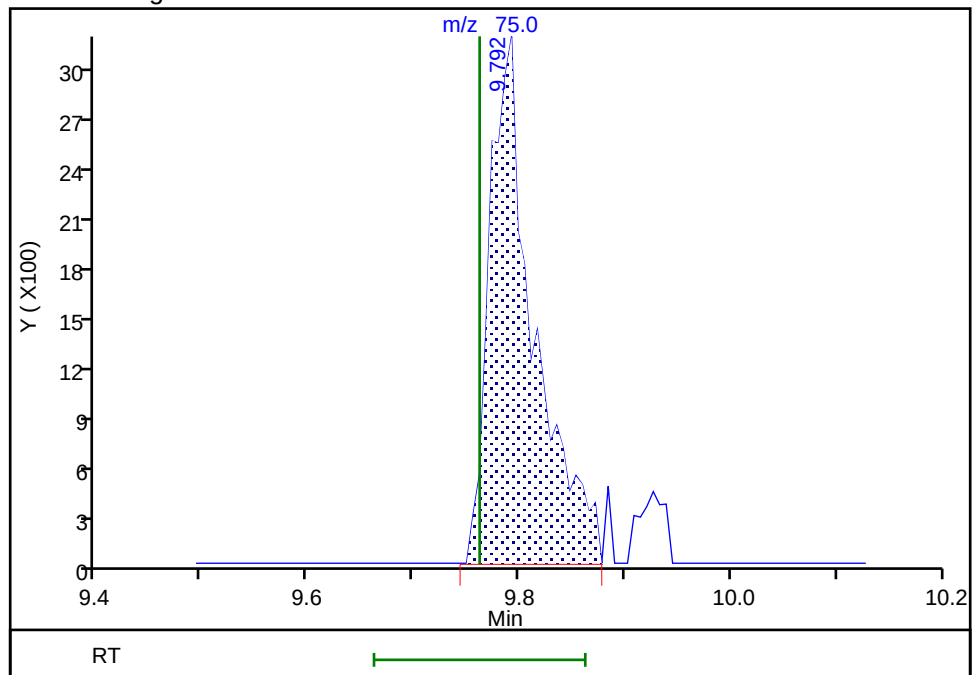
RT: 9.79
Area: 7800
Amount: 0.189606
Amount Units: ug/l

Processing Integration Results



RT: 9.79
Area: 9108
Amount: 0.172334
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:32:07 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

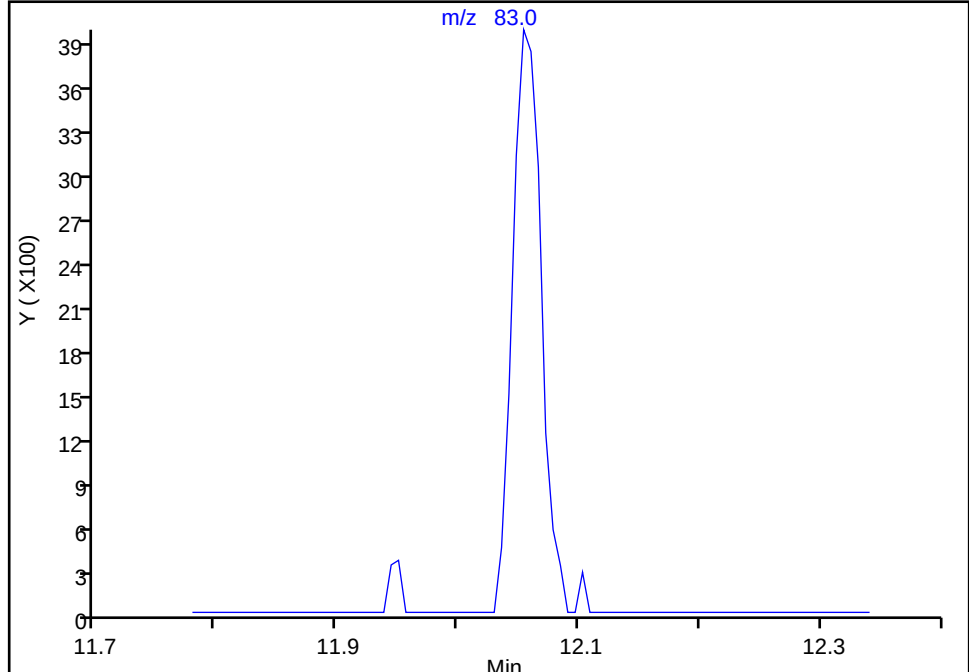
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

127 1,1,2,2-Tetrachloroethane, CAS: 79-34-5
Signal: 1

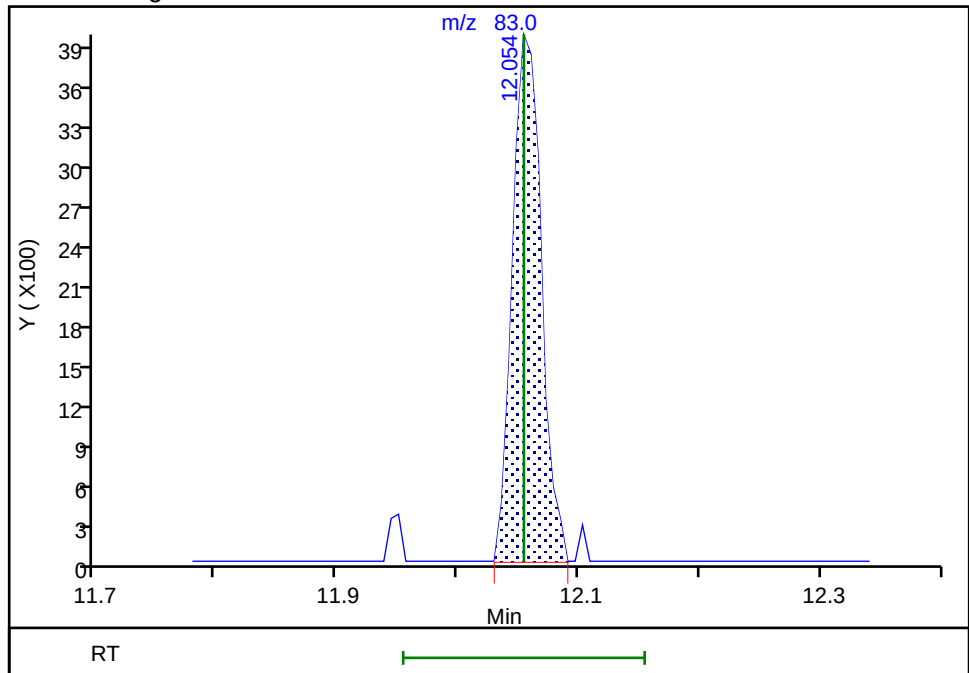
Not Detected
Expected RT: 12.05

Processing Integration Results



RT: 12.05
Area: 6487
Amount: 0.188177
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:32:25 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D

Injection Date: 27-Oct-2025 18:44:30

Instrument ID: 19094

Lims ID: IC std3 0.2

Client ID:

Operator ID: ecr105096

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV_19094_25mL

Limit Group:

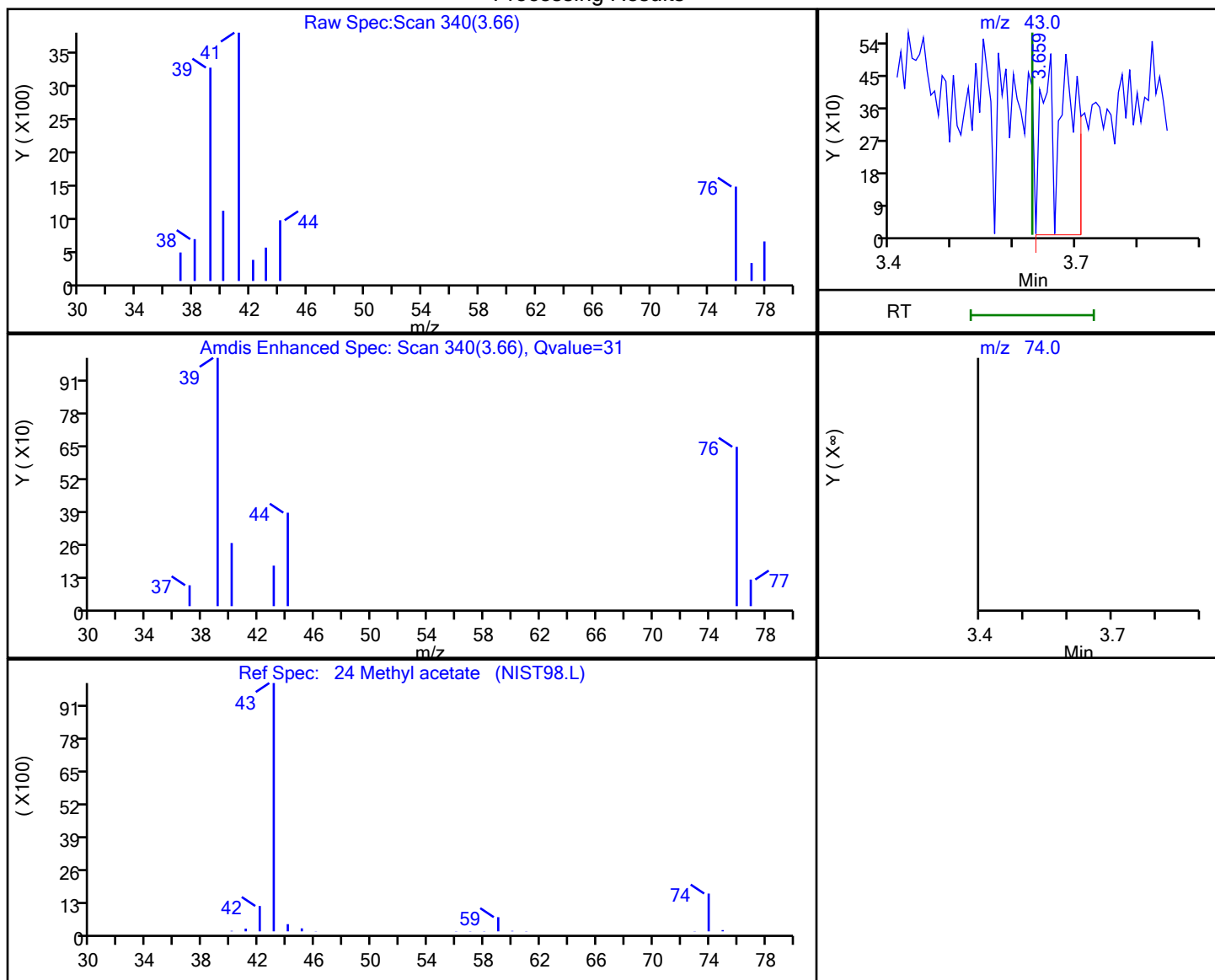
MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

24 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.66	43.00	1569	0.121445
3.66	74.00	0	

Reviewer: JS6E, 28-Oct-2025 02:28:44 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X15.D
 Lims ID: IC std4 0.5
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 27-Oct-2025 19:05:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0164600-016
 Misc. Info.: IC STD4 0.5
 Operator ID: ecr105096 Instrument ID: 19094
 Sublist: chrom-MSV_19094_25mL*sub1
 Method: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 29-Oct-2025 10:18:05 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JS6E

Date: 28-Oct-2025 02:24:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.812	1.812	0.000	99	36597	0.5000	0.4893	
5 Chloromethane	50	1.995	1.995	0.000	99	42175	0.5000	0.4941	
6 Butadiene	39	2.081	2.081	0.000	93	44020	0.5000	0.4878	
7 Vinyl chloride	62	2.105	2.105	0.000	98	39726	0.5000	0.4892	
9 Bromomethane	94	2.404	2.410	-0.006	92	25343	0.5000	0.4824	
10 Chloroethane	64	2.453	2.453	0.000	100	21001	0.5000	0.4863	
11 Dichlorofluoromethane	67	2.666	2.660	0.006	97	57530	0.5000	0.4827	
12 Trichlorofluoromethane	101	2.763	2.757	0.006	61	50093	0.5000	0.4881	
13 Ethyl ether	59	2.952	2.940	0.012	73	12659	0.5002	0.4325	
14 1,2-Dichloro-1,1,2-trifluoroetha	67	3.007	3.013	-0.006	92	33032	0.5000	0.4804	
16 Acrolein	56	3.111	3.087	0.024	96	81823	24.4	21.0	
17 1,1-Dichloroethene	96	3.221	3.221	0.000	98	21888	0.5000	0.4764	
19 Acetone	43	3.288	3.251	0.037	45	22320	5.00	4.85	M
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.269	3.257	0.012	92	22288	0.5000	0.4701	
20 Iodomethane	142	3.397	3.398	-0.001	99	39560	0.5000	0.4705	
22 Ethyl bromide	108	3.428	3.422	0.006	98	19345	0.4995	0.4598	
23 Carbon disulfide	76	3.501	3.501	0.000	99	59929	0.5000	0.4584	
24 Methyl acetate	43	3.696	3.629	0.067	20	2507	0.5000	0.2843	M
25 3-Chloro-1-propene	41	3.660	3.648	0.012	89	39447	0.5000	0.4933	
27 Methylene Chloride	84	3.818	3.812	0.006	92	21794	0.5000	0.4704	
* 28 t-Butyl alcohol-d10 (IS)	65	3.824	3.837	-0.013	96	63614	50.0	50.0	
29 2-Methyl-2-propanol	59	3.946	3.934	0.012	91	10721	10.0	9.78	
30 Acrylonitrile	53		4.135				ND	ND	
31 Methyl tert-butyl ether	73	4.178	4.178	0.000	95	47311	0.5000	0.4645	
33 trans-1,2-Dichloroethene	96	4.208	4.196	0.012	98	24279	0.5000	0.4787	
34 Hexane	57	4.617	4.605	0.012	93	33679	0.5000	0.4666	
35 1,1-Dichloroethane	63	4.855	4.848	0.006	95	43447	0.5000	0.4601	
37 Isopropyl ether	45	4.903	4.909	-0.006	93	70662	0.5000	0.4661	
38 2-Chloro-1,3-butadiene	53	4.970	4.958	0.012	92	37124	0.5000	0.4443	
39 Tert-butyl ethyl ether	59	5.452	5.452	0.000	98	64822	0.5000	0.4740	

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	5.745	5.653	0.092	66	25095	5.00	4.50	
42 cis-1,2-Dichloroethene	96	5.708	5.696	0.012	83	25436	0.5000	0.4735	
43 2,2-Dichloropropane	77	5.702	5.708	-0.006	71	39183	0.5000	0.4635	
44 Propionitrile	54	5.970	5.739	0.231	37	8550	10.0	8.40	M
46 Methacrylonitrile	67	5.988	5.958	0.030	92	32949	5.00	3.96	
47 Chlorobromomethane	128	6.037	6.031	0.006	73	9180	0.5000	0.4522	
48 Tetrahydrofuran	71	6.086	6.043	0.043	73	4543	2.50	1.96	
S 49 1,2-Dichloroethene, Total	100				0			0.9522	
50 Chloroform	83	6.190	6.190	0.000	94	42228	0.5000	0.4585	
\$ 51 Dibromofluoromethane (Surr)	113	6.403	6.409	-0.006	93	430459	10.0	9.92	
52 1,1,1-Trichloroethane	97	6.415	6.421	-0.006	98	40786	0.5000	0.4689	
54 Cyclohexane	56	6.525	6.525	0.000	91	45633	0.5000	0.4691	
55 1,1-Dichloropropene	75	6.647	6.635	0.012	93	35261	0.5000	0.4642	
56 Carbon tetrachloride	117	6.641	6.641	0.000	96	33062	0.5000	0.4524	
57 Isobutyl alcohol	41	6.842	6.793	0.049	90	11381	25.0	24.2	M
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.866	6.866	0.000	79	80434	10.0	10.1	
59 Benzene	78	6.903	6.897	0.006	93	102894	0.5000	0.4675	
60 1,2-Dichloroethane	62	6.988	6.970	0.018	97	23211	0.5000	0.4739	
62 Tert-amyl methyl ether	73	7.104	7.104	0.000	98	53725	0.5000	0.4699	
* 64 Fluorobenzene (IS)	96	7.311	7.318	-0.007	99	1894743	10.0	10.0	
65 n-Heptane	43	7.342	7.342	0.000	95	33165	0.5000	0.4501	
66 n-Butanol	56	7.891	7.702	0.188	22	5044	43.8	53.9	M
67 Trichloroethene	95	7.817	7.805	0.012	98	26745	0.5000	0.4631	
69 Methylcyclohexane	83	8.122	8.122	0.000	92	45276	0.5000	0.4596	
70 1,2-Dichloropropane	63	8.147	8.141	0.006	90	23673	0.5000	0.4579	
71 2-ethoxy-2-methyl butane	87	8.165	8.165	0.000	93	35740	0.5000	0.4541	
72 Methyl methacrylate	69	8.275	8.244	0.031	71	6922	0.5000	0.4089	M
73 1,4-Dioxane	88		8.250				ND	ND	U
74 Dibromomethane	93	8.268	8.256	0.012	95	9012	0.5000	0.4439	
76 Dichlorobromomethane	83	8.500	8.500	0.000	98	27515	0.5000	0.4643	
77 2-Nitropropane	41	8.781	8.762	0.019	96	14285	2.50	2.47	M
79 1-Bromo-2-chloroethane	63	8.909	8.896	0.013	98	19184	0.5000	0.4389	
80 cis-1,3-Dichloropropene	75	9.079	9.067	0.012	94	29368	0.5000	0.4301	
81 4-Methyl-2-pentanone (MIBK)	43	9.262	9.256	0.006	97	97819	5.00	4.33	
\$ 82 Toluene-d8 (Surr)	98	9.396	9.396	0.000	94	1902289	10.0	9.97	
84 Toluene	92	9.488	9.482	0.006	98	66609	0.5000	0.4672	
85 trans-1,3-Dichloropropene	75	9.780	9.762	0.018	95	21320	0.5000	0.4095	
86 Ethyl methacrylate	69	9.847	9.835	0.012	90	15679	0.5000	0.4226	
87 1,1,2-Trichloroethane	97	9.975	9.969	0.006	91	13918	0.5000	0.4704	
S 106 1,3-Dichloropropene, Total	100				0			0.8397	
107 Tetrachloroethene	166	10.067	10.061	0.006	96	30123	0.5000	0.4672	
108 1,3-Dichloropropane	76	10.146	10.140	0.006	92	22665	0.5000	0.4381	
109 2-Hexanone	43	10.213	10.195	0.018	97	59634	5.00	4.15	
111 Chlorodibromomethane	129	10.366	10.366	0.000	90	16649	0.5000	0.4384	
112 Ethylene Dibromide	107	10.488	10.475	0.013	98	12020	0.5000	0.4491	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.927	-0.007	87	1352665	10.0	10.0	
114 1-Chlorohexane	91	10.945	10.939	0.006	97	39147	0.5000	0.4737	
115 Chlorobenzene	112	10.951	10.951	0.000	96	69425	0.5000	0.4746	
116 1,1,1,2-Tetrachloroethane	131	11.036	11.036	0.000	92	22150	0.5000	0.4469	
117 Ethylbenzene	91	11.048	11.042	0.006	99	128416	0.5000	0.4622	
118 m-Xylene & p-Xylene	106	11.164	11.164	0.000	99	97926	1.00	0.9038	
S 119 Xylenes, Total	106				0			1.36	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
120 o-Xylene	106	11.500	11.500	0.000	98	46328	0.5000	0.4539	
121 Styrene	104	11.518	11.512	0.006	94	69136	0.5000	0.4325	
122 Bromoform	173	11.670	11.670	0.000	95	8755	0.5000	0.4447	
123 Isopropylbenzene	105	11.804	11.804	0.000	96	127394	0.5000	0.4567	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	684462	10.0	9.98	
127 1,1,2,2-Tetrachloroethane	83	12.054	12.054	0.000	94	16232	0.5000	0.4673	
128 Bromobenzene	156	12.067	12.067	0.000	96	27179	0.5000	0.4804	
129 trans-1,4-Dichloro-2-butene	53	12.085	12.079	0.006	93	33172	5.00	4.25	
130 1,2,3-Trichloropropane	110	12.103	12.097	0.006	79	4084	0.5000	0.4413	
131 N-Propylbenzene	91	12.140	12.140	0.000	99	151474	0.5000	0.4604	
132 2-Chlorotoluene	126	12.213	12.213	0.000	96	28756	0.5000	0.4619	
133 1,3,5-Trimethylbenzene	105	12.280	12.280	0.000	94	104250	0.5000	0.4461	
134 4-Chlorotoluene	126	12.310	12.304	0.006	98	28583	0.5000	0.4502	
135 tert-Butylbenzene	134	12.524	12.524	0.000	92	23072	0.5000	0.4598	
136 Pentachloroethane	167	12.554	12.548	0.006	78	14634	0.5000	0.4308	
137 1,2,4-Trimethylbenzene	105	12.566	12.566	0.000	97	106988	0.5000	0.4497	
138 sec-Butylbenzene	105	12.688	12.688	0.000	94	131723	0.5000	0.4524	
139 1,3-Dichlorobenzene	146	12.786	12.786	0.000	98	51896	0.5000	0.4513	
140 4-Isopropyltoluene	119	12.798	12.798	0.000	97	113119	0.5000	0.4494	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	748490	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.859	12.859	0.000	94	55256	0.5000	0.4684	
143 1,2,3-Trimethylbenzene	120	12.871	12.871	0.000	98	45501	0.5000	0.4636	
144 Benzyl chloride	126	12.938	12.932	0.006	98	5658	0.5000	0.4216	
145 p-Diethylbenzene	119	13.072	13.072	0.000	93	65526	0.5000	0.4394	
146 n-Butylbenzene	92	13.091	13.091	0.000	97	52047	0.5000	0.4310	
147 1,2-Dichlorobenzene	146	13.121	13.115	0.006	97	46329	0.5000	0.4569	
148 1,2-Dibromo-3-Chloropropane	155	13.664	13.664	0.000	86	2054	0.5000	0.4851	
150 1,3,5-Trichlorobenzene	180	13.792	13.792	0.000	97	36825	0.5000	0.4544	
151 1,2,4-Trichlorobenzene	180	14.212	14.213	0.000	94	27286	0.5000	0.4369	
152 Hexachlorobutadiene	225	14.298	14.298	0.000	97	12140	0.5000	0.4442	
153 Naphthalene	128	14.395	14.389	0.006	97	45875	0.5000	0.4419	
154 1,2,3-Trichlorobenzene	180	14.536	14.530	0.006	96	22752	0.5000	0.4465	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

MSV_LL_#1_826_00182	Amount Added: 2.00	Units: uL	
MSV_LL_GAS826_00295	Amount Added: 2.00	Units: uL	
MSV_LL_#2_826_00196	Amount Added: 2.00	Units: uL	
MSV_LLcentISS_00019	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 29-Oct-2025 10:18:05

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X15.D

Injection Date: 27-Oct-2025 19:05:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: IC std4 0.5

Worklist Smp#: 16

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

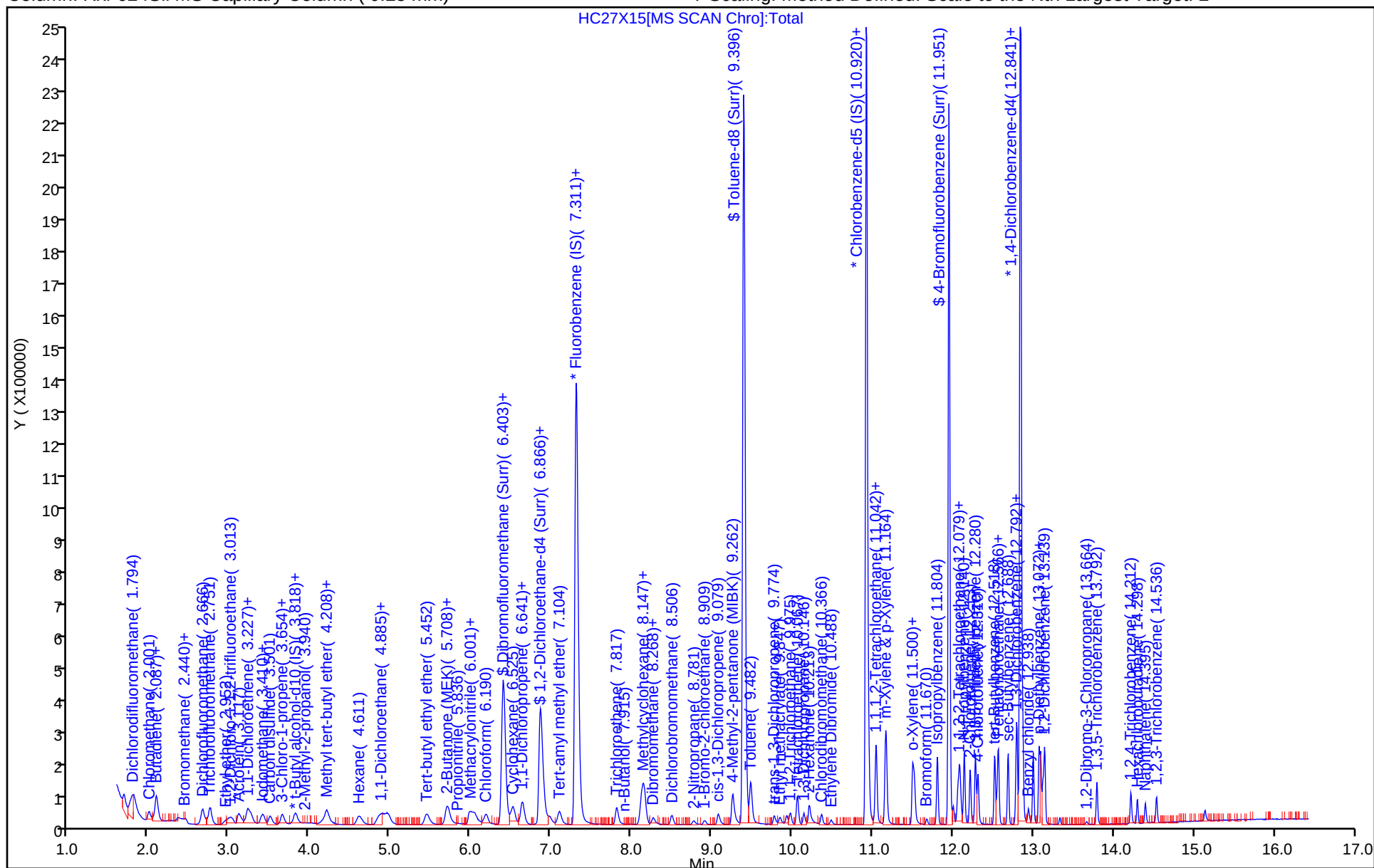
ALS Bottle#: 15

Method: MSV_19094_25mL

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

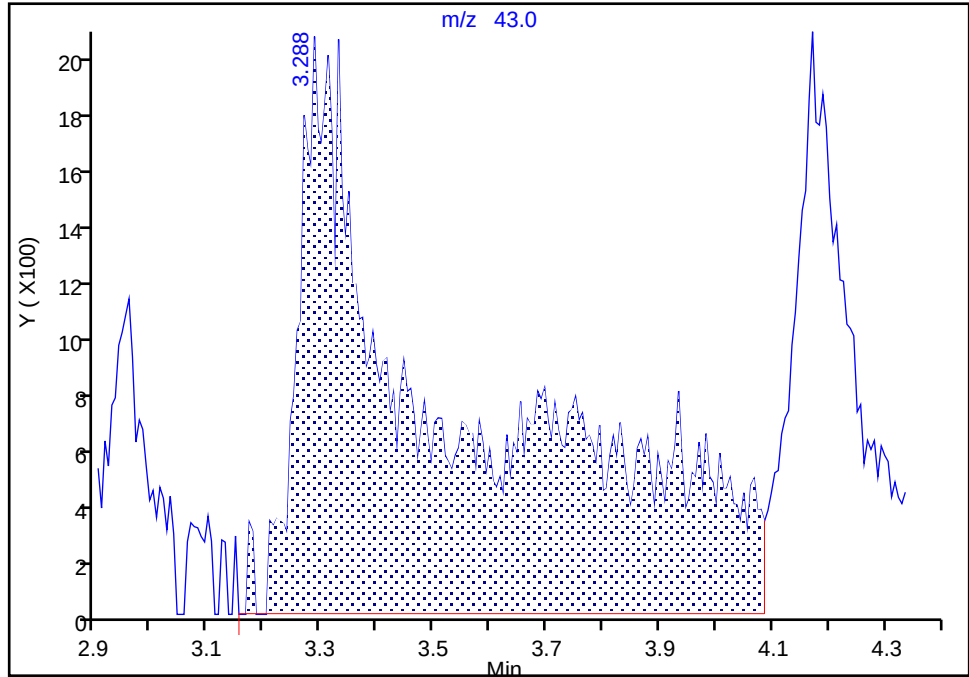
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X15.D
Injection Date: 27-Oct-2025 19:05:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

19 Acetone, CAS: 67-64-1

Signal: 1

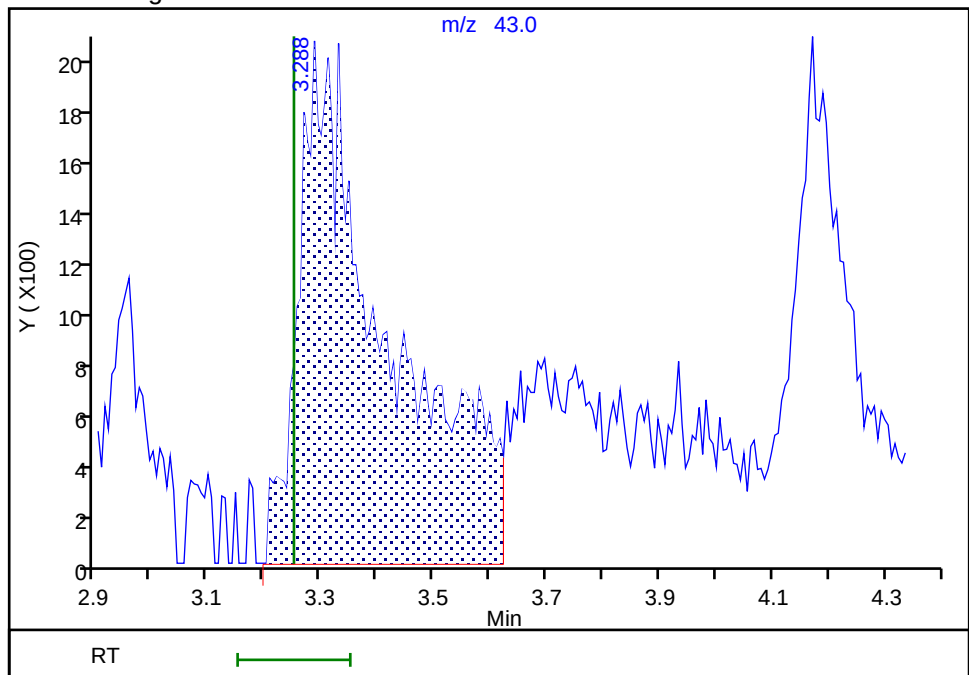
RT: 3.29
Area: 37888
Amount: 7.429518
Amount Units: ug/l

Processing Integration Results



RT: 3.29
Area: 22320
Amount: 4.849522
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:59:33 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

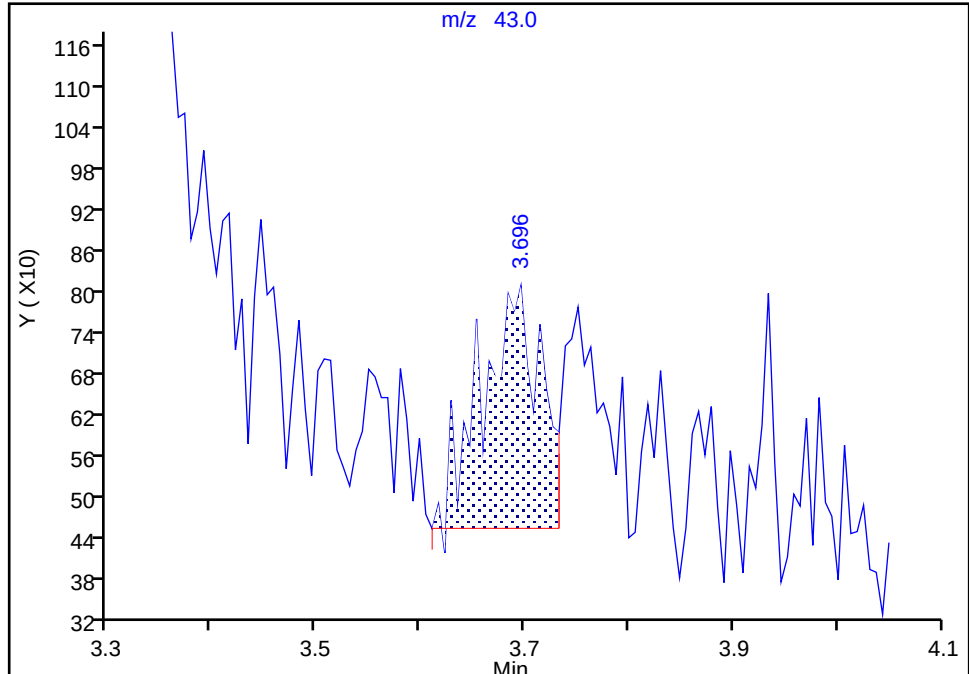
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X15.D
Injection Date: 27-Oct-2025 19:05:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

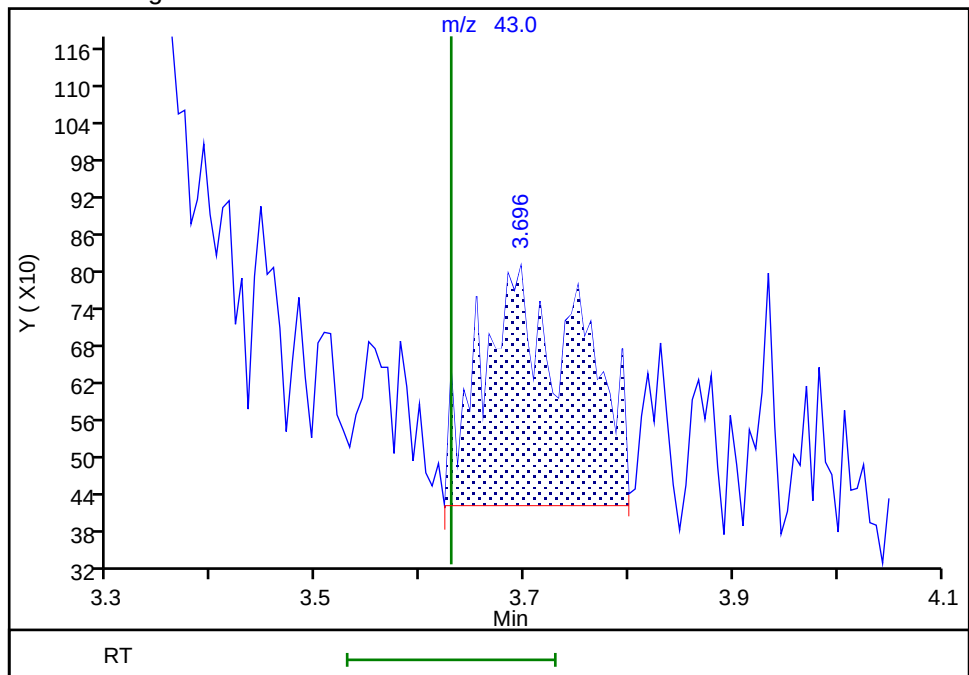
RT: 3.70
Area: 1374
Amount: 0.103519
Amount Units: ug/l

Processing Integration Results



RT: 3.70
Area: 2507
Amount: 0.284279
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:23:32 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

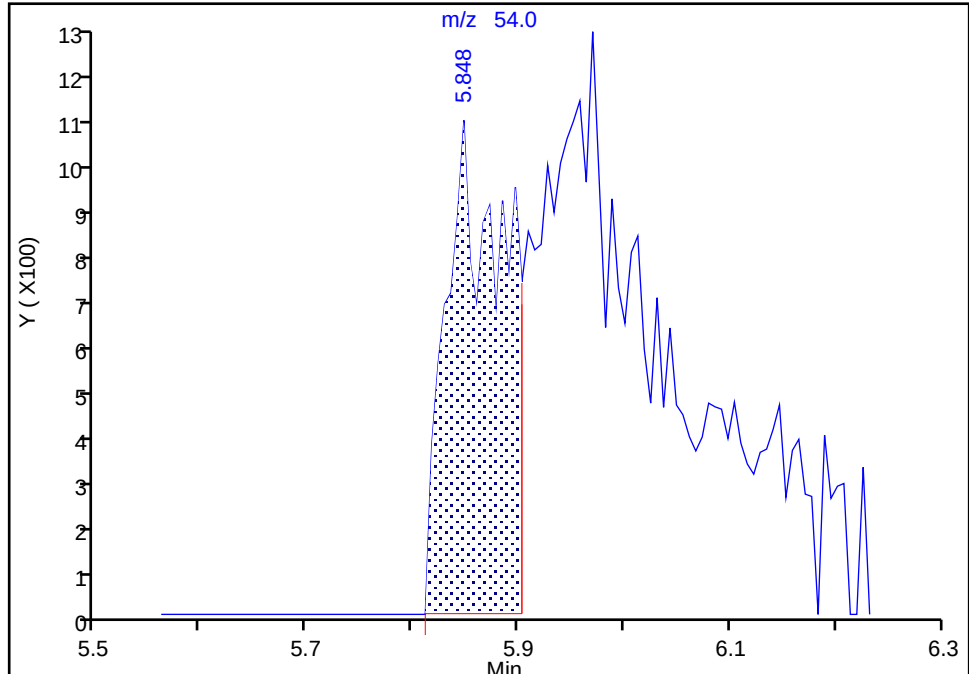
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X15.D
Injection Date: 27-Oct-2025 19:05:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

44 Propionitrile, CAS: 107-12-0

Signal: 1

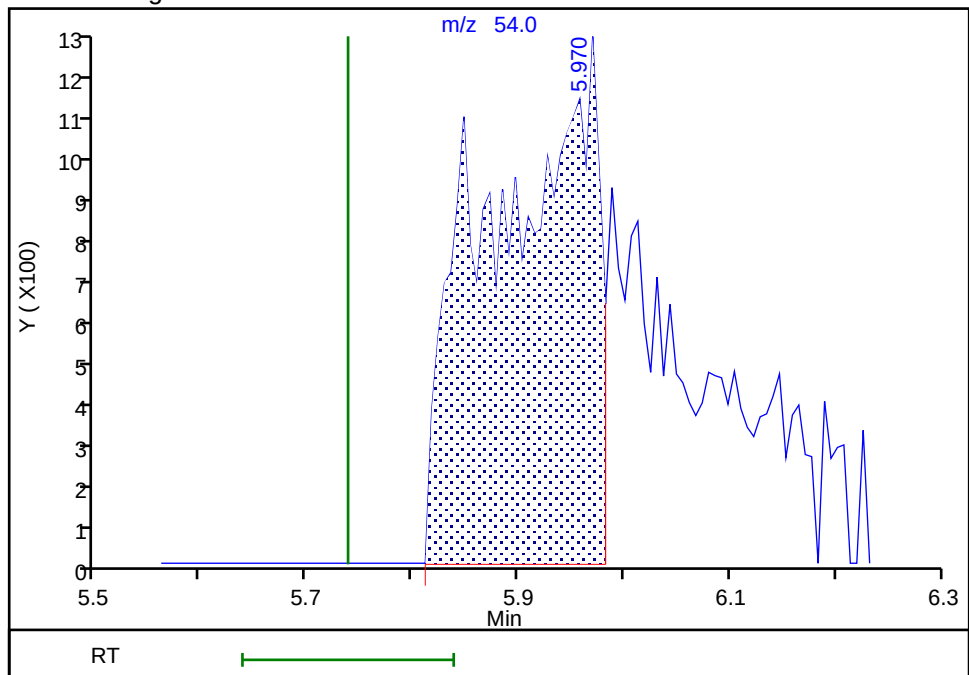
RT: 5.85
Area: 4107
Amount: 2.901327
Amount Units: ug/l

Processing Integration Results



RT: 5.97
Area: 8550
Amount: 8.395312
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:30:09 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

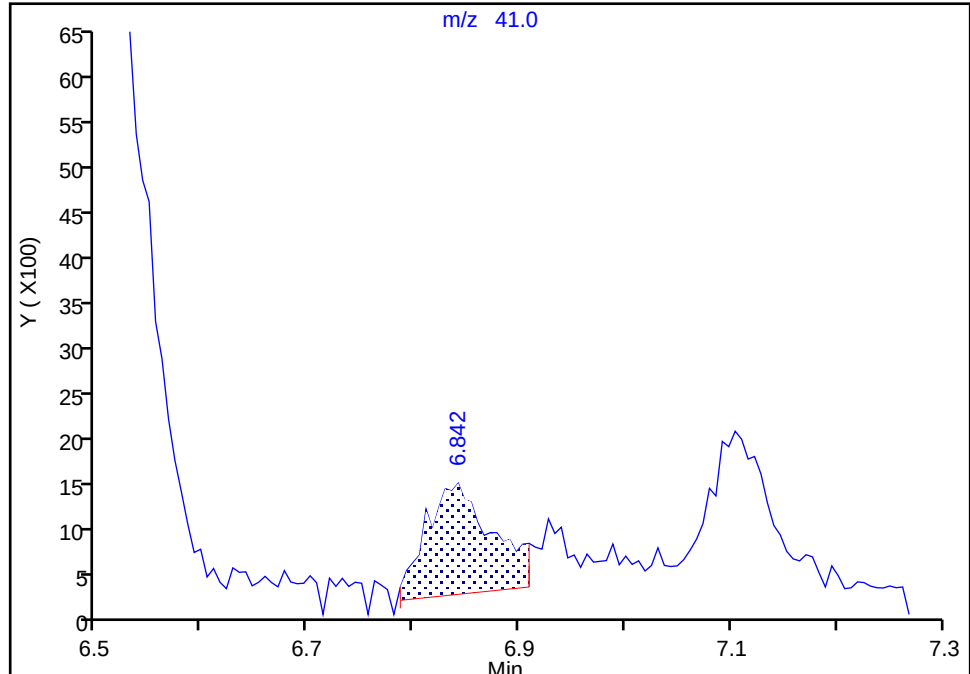
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X15.D
Injection Date: 27-Oct-2025 19:05:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

57 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

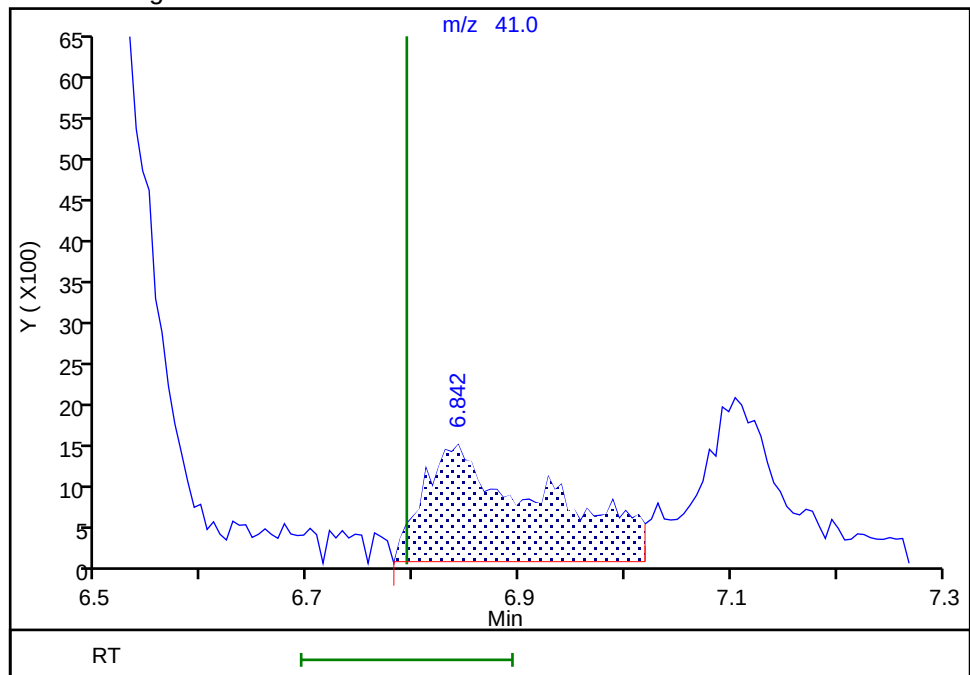
RT: 6.84
Area: 5385
Amount: 11.713092
Amount Units: ug/l

Processing Integration Results



RT: 6.84
Area: 11381
Amount: 24.213177
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:26:46 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

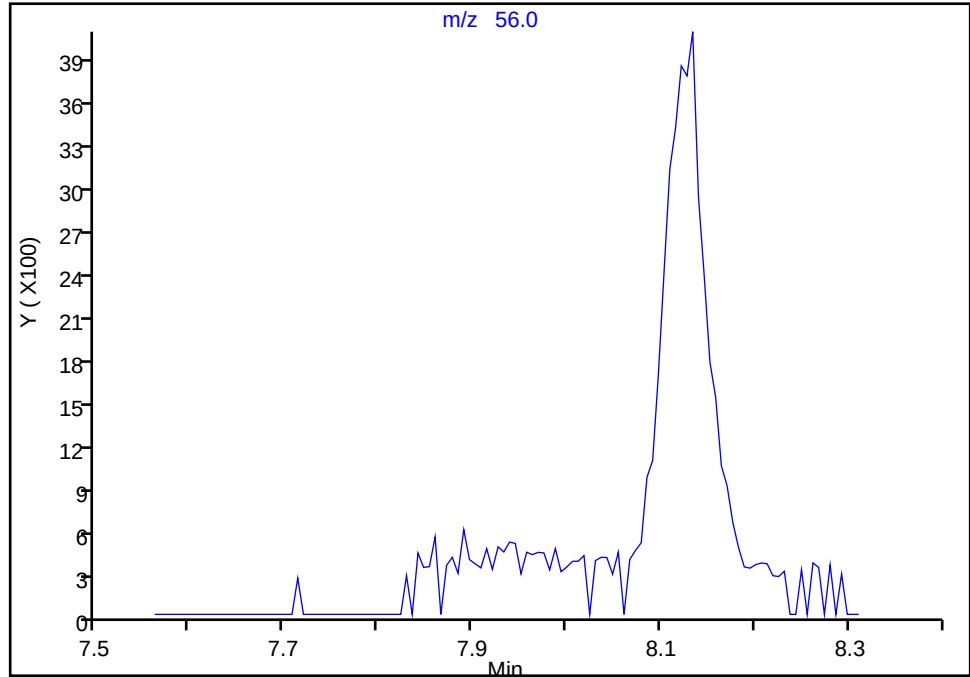
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X15.D
Injection Date: 27-Oct-2025 19:05:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

66 n-Butanol, CAS: 71-36-3

Signal: 1

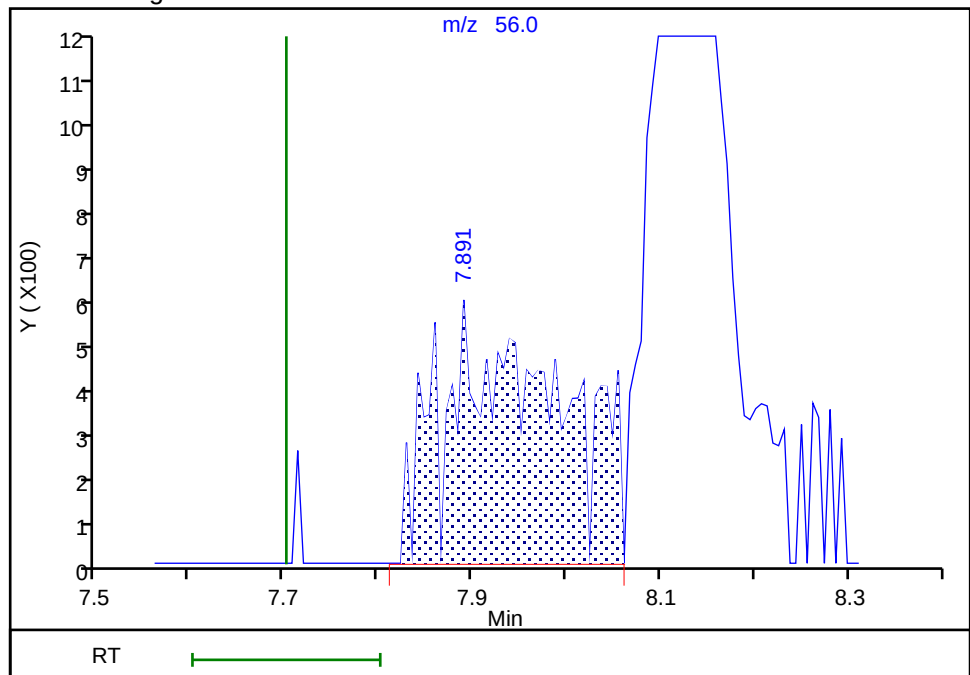
Not Detected
Expected RT: 7.70

Processing Integration Results



RT: 7.89
Area: 5044
Amount: 53.904979
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:26:59 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

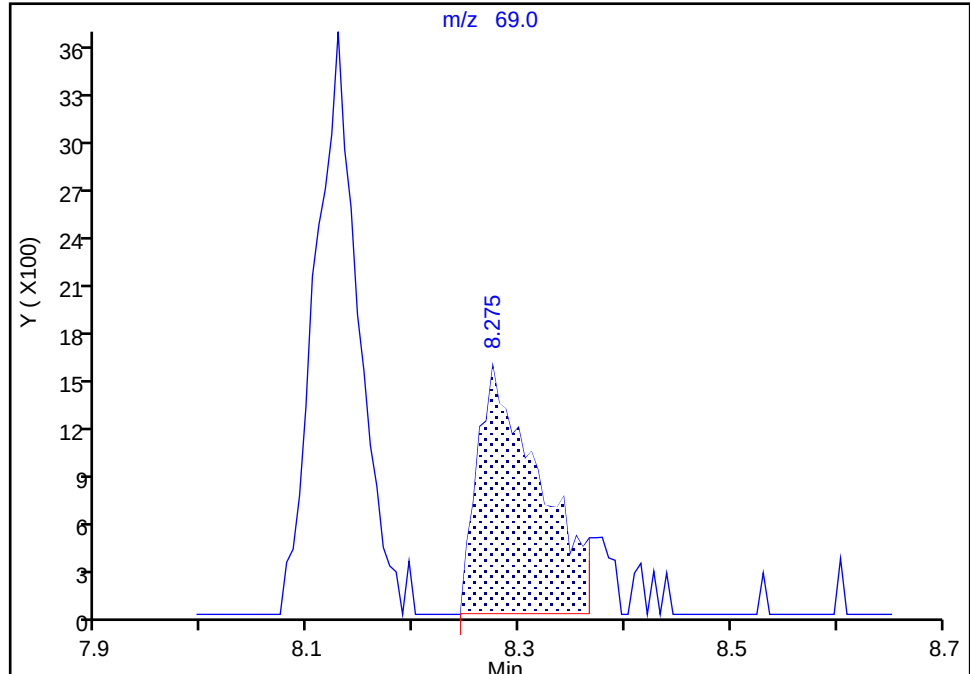
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X15.D
Injection Date: 27-Oct-2025 19:05:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

72 Methyl methacrylate, CAS: 80-62-6

Signal: 1

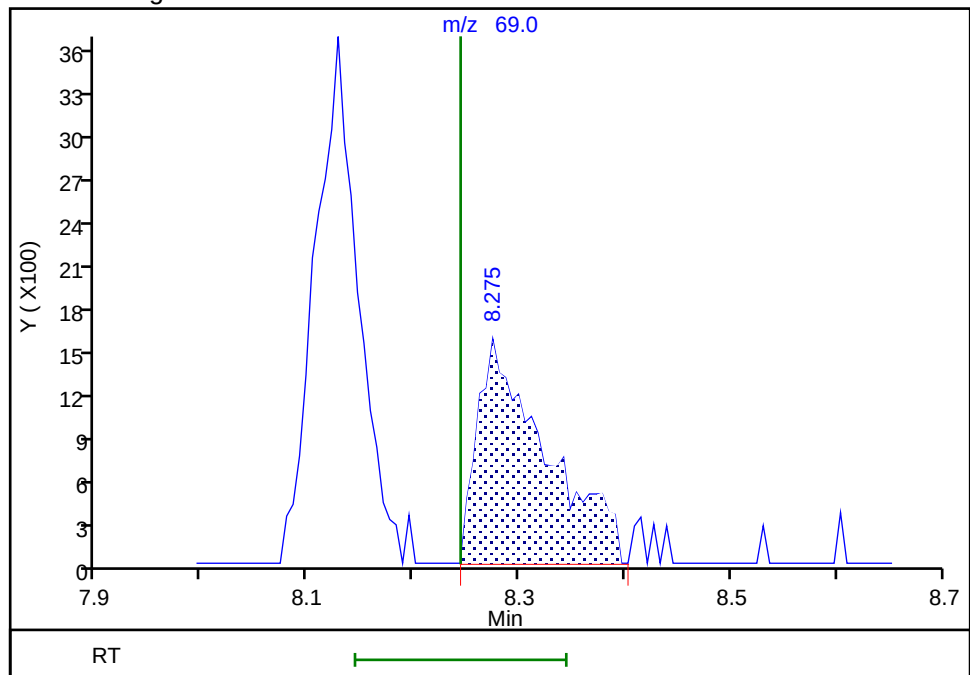
RT: 8.27
Area: 6321
Amount: 0.470883
Amount Units: ug/l

Processing Integration Results



RT: 8.27
Area: 6922
Amount: 0.408926
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:27:06 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

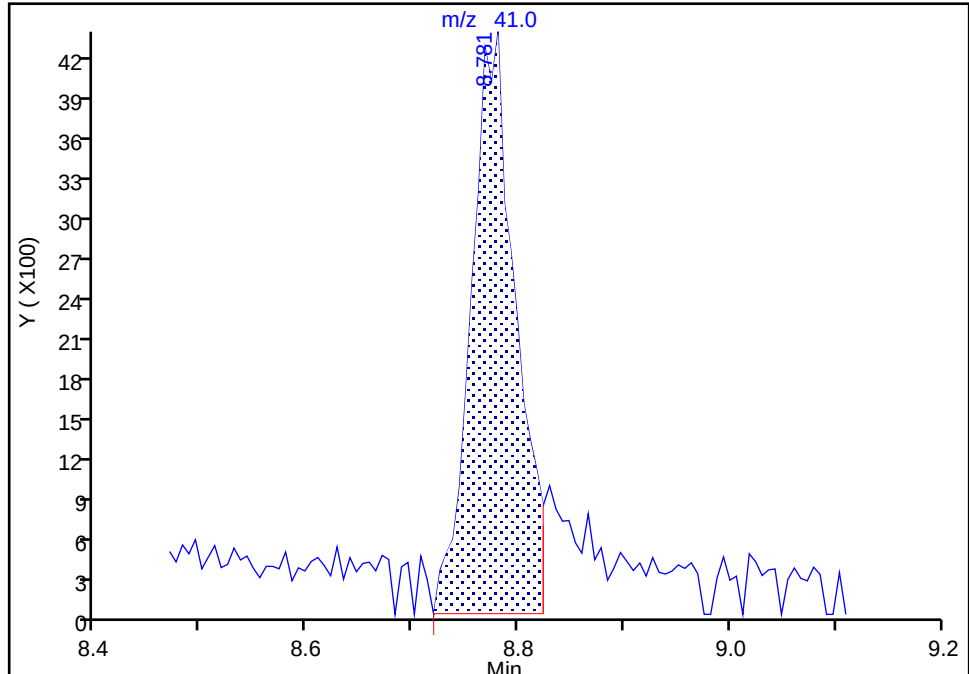
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X15.D
Injection Date: 27-Oct-2025 19:05:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

77 2-Nitropropane, CAS: 79-46-9

Signal: 1

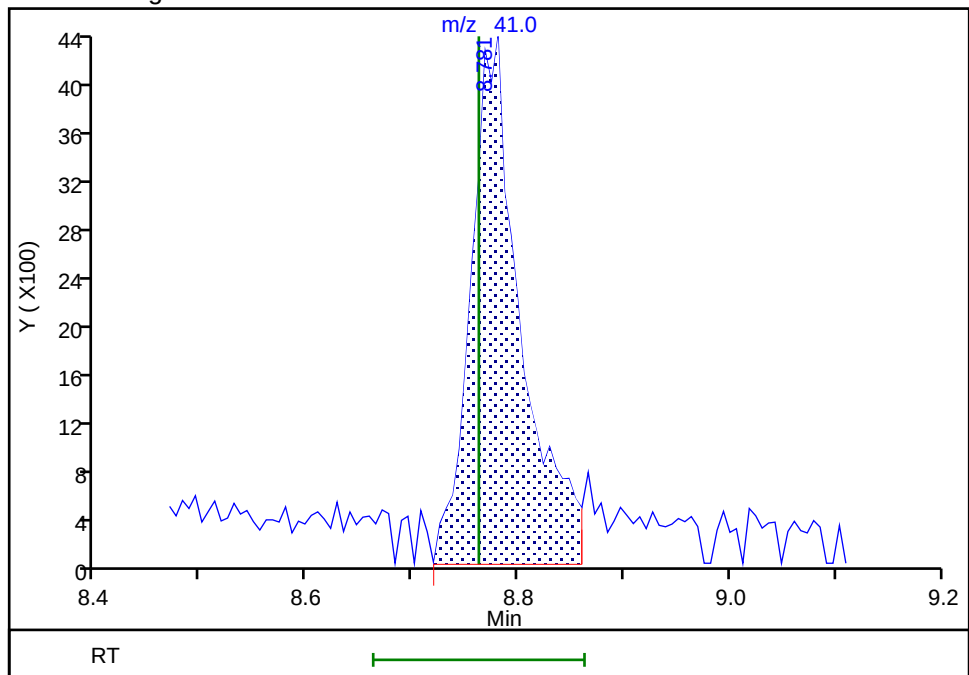
RT: 8.78
Area: 12775
Amount: 2.452776
Amount Units: ug/l

Processing Integration Results



RT: 8.78
Area: 14285
Amount: 2.470007
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:27:30 -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\19094\20251027-164600.b\HC27X15.D

Injection Date: 27-Oct-2025 19:05:30

Instrument ID: 19094

Lims ID: IC std4 0.5

Client ID:

Operator ID: ecr105096

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: MSV_19094_25mL

Limit Group:

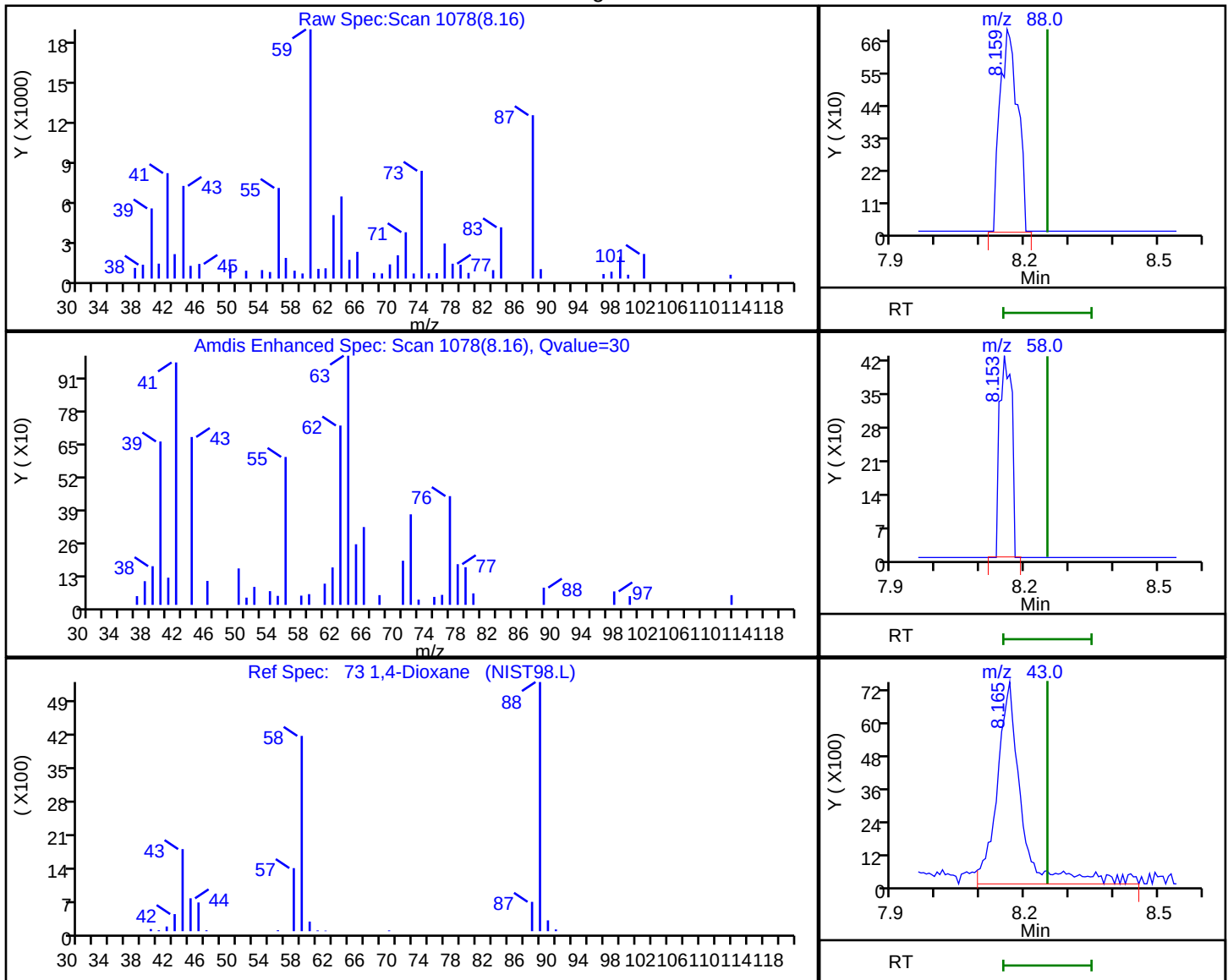
MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

73 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
8.16	88.00	1933	36.405399
8.15	58.00	799	
8.16	43.00	28666	

Reviewer: JS6E, 28-Oct-2025 02:27:11 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
 Lims ID: IC std5 1
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 27-Oct-2025 19:25:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0164600-017
 Misc. Info.: IC STD5 1
 Operator ID: ecr105096 Instrument ID: 19094
 Sublist: chrom-MSV_19094_25mL*sub1
 Method: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 29-Oct-2025 10:18:16 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JS6E

Date: 28-Oct-2025 02:20:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.806	1.812	-0.006	99	82220	1.00	1.09	
5 Chloromethane	50	1.995	1.995	0.000	99	91346	1.00	1.06	
6 Butadiene	39	2.081	2.081	0.000	92	102931	1.00	1.13	
7 Vinyl chloride	62	2.099	2.105	-0.006	98	87373	1.00	1.07	
9 Bromomethane	94	2.398	2.410	-0.012	93	56011	1.00	1.06	M
10 Chloroethane	64	2.446	2.453	-0.007	99	45627	1.00	1.05	
11 Dichlorofluoromethane	67	2.660	2.660	0.000	97	124127	1.00	1.04	
12 Trichlorofluoromethane	101	2.757	2.757	0.000	98	109282	1.00	1.06	
13 Ethyl ether	59	2.940	2.940	0.000	90	32099	1.00	1.09	
14 1,2-Dichloro-1,1,2-trifluoroetha	67	3.007	3.013	-0.006	94	73013	1.00	1.06	
16 Acrolein	56	3.105	3.087	0.018	99	184364	48.8	45.8	
17 1,1-Dichloroethene	96	3.221	3.221	0.000	97	47013	1.00	1.02	
19 Acetone	43	3.288	3.251	0.037	37	44849	10.0	9.44	M
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.263	3.257	0.006	92	50434	1.00	1.06	
20 Iodomethane	142	3.391	3.398	-0.007	99	87456	1.00	1.03	
22 Ethyl bromide	108	3.422	3.422	0.000	99	46082	1.00	1.09	
23 Carbon disulfide	76	3.501	3.501	0.000	99	135788	1.00	1.03	
24 Methyl acetate	43	3.654	3.629	0.025	43	6741	1.00	0.7404	M
25 3-Chloro-1-propene	41	3.647	3.648	-0.001	90	85119	1.00	1.06	
27 Methylene Chloride	84	3.818	3.812	0.006	94	48064	1.00	1.03	
* 28 t-Butyl alcohol-d10 (IS)	65	3.812	3.837	-0.025	97	65674	50.0	50.0	
29 2-Methyl-2-propanol	59	3.946	3.934	0.012	97	22080	20.0	19.5	M
30 Acrylonitrile	53	4.239	4.135	0.104	19	9322	2.50	3.35	M
31 Methyl tert-butyl ether	73	4.172	4.178	-0.006	97	104911	1.00	1.02	
33 trans-1,2-Dichloroethene	96	4.202	4.196	0.006	97	52981	1.00	1.04	
34 Hexane	57	4.611	4.605	0.006	93	73353	1.00	1.01	
35 1,1-Dichloroethane	63	4.848	4.848	0.000	96	100269	1.00	1.06	
37 Isopropyl ether	45	4.909	4.909	0.000	98	157452	1.00	1.03	
38 2-Chloro-1,3-butadiene	53	4.964	4.958	0.006	92	86171	1.00	1.02	
39 Tert-butyl ethyl ether	59	5.452	5.452	0.000	98	141944	1.00	1.03	

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	5.696	5.653	0.043	51	58616	10.0	8.34	M
42 cis-1,2-Dichloroethene	96	5.696	5.696	0.000	83	55548	1.00	1.03	
43 2,2-Dichloropropane	77	5.702	5.708	-0.006	71	87849	1.00	1.03	
44 Propionitrile	54	5.818	5.739	0.079	97	22266	20.0	16.8	M
46 Methacrylonitrile	67	5.970	5.958	0.012	92	79029	10.0	9.21	
47 Chlorobromomethane	128	6.031	6.031	0.000	92	20527	1.00	1.00	
48 Tetrahydrofuran	71	6.049	6.043	0.006	80	10772	5.00	4.49	
S 49 1,2-Dichloroethene, Total	100				0			2.07	
50 Chloroform	83	6.190	6.190	0.000	93	93176	1.00	1.01	
\$ 51 Dibromofluoromethane (Surr)	113	6.403	6.409	-0.006	93	435402	10.0	9.98	
52 1,1,1-Trichloroethane	97	6.421	6.421	0.000	98	89583	1.00	1.02	
54 Cyclohexane	56	6.525	6.525	0.000	92	99351	1.00	1.01	
55 1,1-Dichloropropene	75	6.635	6.635	0.000	93	79686	1.00	1.04	
56 Carbon tetrachloride	117	6.641	6.641	0.000	85	76680	1.00	1.04	
57 Isobutyl alcohol	41	6.811	6.793	0.018	88	20501	50.0	42.2	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.866	6.866	0.000	79	79266	10.0	9.84	
59 Benzene	78	6.903	6.897	0.006	94	223145	1.00	1.01	
60 1,2-Dichloroethane	62	6.976	6.970	0.006	96	50711	1.00	1.03	
62 Tert-amyl methyl ether	73	7.104	7.104	0.000	98	116551	1.00	1.01	
* 64 Fluorobenzene (IS)	96	7.311	7.318	-0.007	98	1906735	10.0	10.0	
65 n-Heptane	43	7.342	7.342	0.000	94	73006	1.00	0.9846	
66 n-Butanol	56	7.817	7.702	0.115	22	19027	87.5	94.3	M
67 Trichloroethene	95	7.811	7.805	0.006	98	59021	1.00	1.02	
69 Methylcyclohexane	83	8.122	8.122	0.000	93	101716	1.00	1.03	
70 1,2-Dichloropropane	63	8.140	8.141	-0.001	96	53370	1.00	1.03	
71 2-ethoxy-2-methyl butane	87	8.159	8.165	-0.006	93	80016	1.00	1.01	
72 Methyl methacrylate	69	8.262	8.244	0.018	83	15744	1.00	0.9009	M
73 1,4-Dioxane	88	8.275	8.250	0.025	26	1267	50.0	26.7	M
74 Dibromomethane	93	8.262	8.256	0.006	96	20558	1.00	1.01	
76 Dichlorobromomethane	83	8.500	8.500	0.000	99	60205	1.00	1.01	
77 2-Nitropropane	41	8.774	8.762	0.012	99	26564	5.00	4.45	M
79 1-Bromo-2-chloroethane	63	8.902	8.896	0.006	98	45311	1.00	1.03	M
80 cis-1,3-Dichloropropene	75	9.079	9.067	0.012	95	66753	1.00	0.9715	
81 4-Methyl-2-pentanone (MIBK)	43	9.256	9.256	0.000	97	221376	10.0	9.49	
\$ 82 Toluene-d8 (Surr)	98	9.396	9.396	0.000	94	1920734	10.0	10.0	
84 Toluene	92	9.482	9.482	0.000	98	144497	1.00	1.01	
85 trans-1,3-Dichloropropene	75	9.774	9.762	0.012	95	49006	1.00	0.9392	
86 Ethyl methacrylate	69	9.841	9.835	0.006	89	34078	1.00	0.9164	
87 1,1,2-Trichloroethane	97	9.975	9.969	0.006	91	30591	1.00	1.03	
S 106 1,3-Dichloropropene, Total	100				0			1.91	
107 Tetrachloroethene	166	10.067	10.061	0.006	97	66564	1.00	1.03	
108 1,3-Dichloropropane	76	10.146	10.140	0.006	91	53237	1.00	1.03	
109 2-Hexanone	43	10.207	10.195	0.012	96	142708	10.0	9.61	
111 Chlorodibromomethane	129	10.366	10.366	0.000	91	38017	1.00	1.00	
112 Ethylene Dibromide	107	10.481	10.475	0.006	99	26599	1.00	0.99	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.927	-0.007	87	1355758	10.0	10.0	
114 1-Chlorohexane	91	10.945	10.939	0.006	97	82684	1.00	1.00	
115 Chlorobenzene	112	10.951	10.951	0.000	95	153845	1.00	1.05	
116 1,1,1,2-Tetrachloroethane	131	11.036	11.036	0.000	95	49590	1.00	1.00	
117 Ethylbenzene	91	11.042	11.042	0.000	99	286855	1.00	1.03	
118 m-Xylene & p-Xylene	106	11.164	11.164	0.000	99	219063	2.00	2.02	
S 119 Xylenes, Total	106				0			3.03	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
120 o-Xylene	106	11.500	11.500	0.000	97	103137	1.00	1.01	
121 Styrene	104	11.518	11.512	0.006	94	161793	1.00	1.01	
122 Bromoform	173	11.670	11.670	0.000	96	19414	1.00	0.9839	
123 Isopropylbenzene	105	11.804	11.804	0.000	96	285866	1.00	1.02	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	690598	10.0	10.0	
127 1,1,2,2-Tetrachloroethane	83	12.054	12.054	0.000	94	35122	1.00	1.01	
128 Bromobenzene	156	12.067	12.067	-0.001	94	57883	1.00	1.02	
129 trans-1,4-Dichloro-2-butene	53	12.085	12.079	0.006	96	72302	10.0	8.97	
130 1,2,3-Trichloropropane	110	12.103	12.097	0.006	80	9092	1.00	0.9813	
131 N-Propylbenzene	91	12.140	12.140	0.000	99	336902	1.00	1.02	
132 2-Chlorotoluene	126	12.213	12.213	0.000	96	64512	1.00	1.03	
133 1,3,5-Trimethylbenzene	105	12.280	12.280	0.000	93	236414	1.00	1.01	
134 4-Chlorotoluene	126	12.310	12.304	0.006	98	64011	1.00	1.01	
135 tert-Butylbenzene	134	12.518	12.524	-0.006	93	49475	1.00	0.9849	
136 Pentachloroethane	167	12.548	12.548	0.000	91	34772	1.00	1.02	
137 1,2,4-Trimethylbenzene	105	12.566	12.566	0.000	98	242237	1.00	1.02	
138 sec-Butylbenzene	105	12.688	12.688	0.000	94	301039	1.00	1.03	
139 1,3-Dichlorobenzene	146	12.786	12.786	0.000	98	118083	1.00	1.03	
140 4-Isopropyltoluene	119	12.798	12.798	0.000	97	253373	1.00	1.01	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	749352	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.859	12.859	0.000	95	116212	1.00	0.9841	
143 1,2,3-Trimethylbenzene	120	12.871	12.871	0.000	98	101954	1.00	1.04	
144 Benzyl chloride	126	12.938	12.932	0.006	99	12689	1.00	0.9444	
145 p-Diethylbenzene	119	13.072	13.072	0.000	93	149551	1.00	1.00	
146 n-Butylbenzene	92	13.091	13.091	0.000	97	121084	1.00	1.00	
147 1,2-Dichlorobenzene	146	13.121	13.115	0.006	98	104639	1.00	1.03	
148 1,2-Dibromo-3-Chloropropane	155	13.664	13.664	0.000	83	4291	1.00	1.01	
150 1,3,5-Trichlorobenzene	180	13.792	13.792	0.000	97	81968	1.00	1.01	
151 1,2,4-Trichlorobenzene	180	14.212	14.213	0.000	94	62574	1.00	1.00	
152 Hexachlorobutadiene	225	14.298	14.298	0.000	97	27863	1.00	1.02	
153 Naphthalene	128	14.395	14.389	0.006	97	105534	1.00	1.02	
154 1,2,3-Trichlorobenzene	180	14.536	14.530	0.006	96	52747	1.00	1.03	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#1_826_00182

Amount Added: 2.00

Units: uL

MSV_LL_GAS826_00295

Amount Added: 2.00

Units: uL

MSV_LL_#2_826_00196

Amount Added: 2.00

Units: uL

MSV_LLcentISS_00019

Amount Added: 5.00

Units: uL

Run Reagent

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D

Operator ID: ecr105096

Worklist Smp#: 17

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

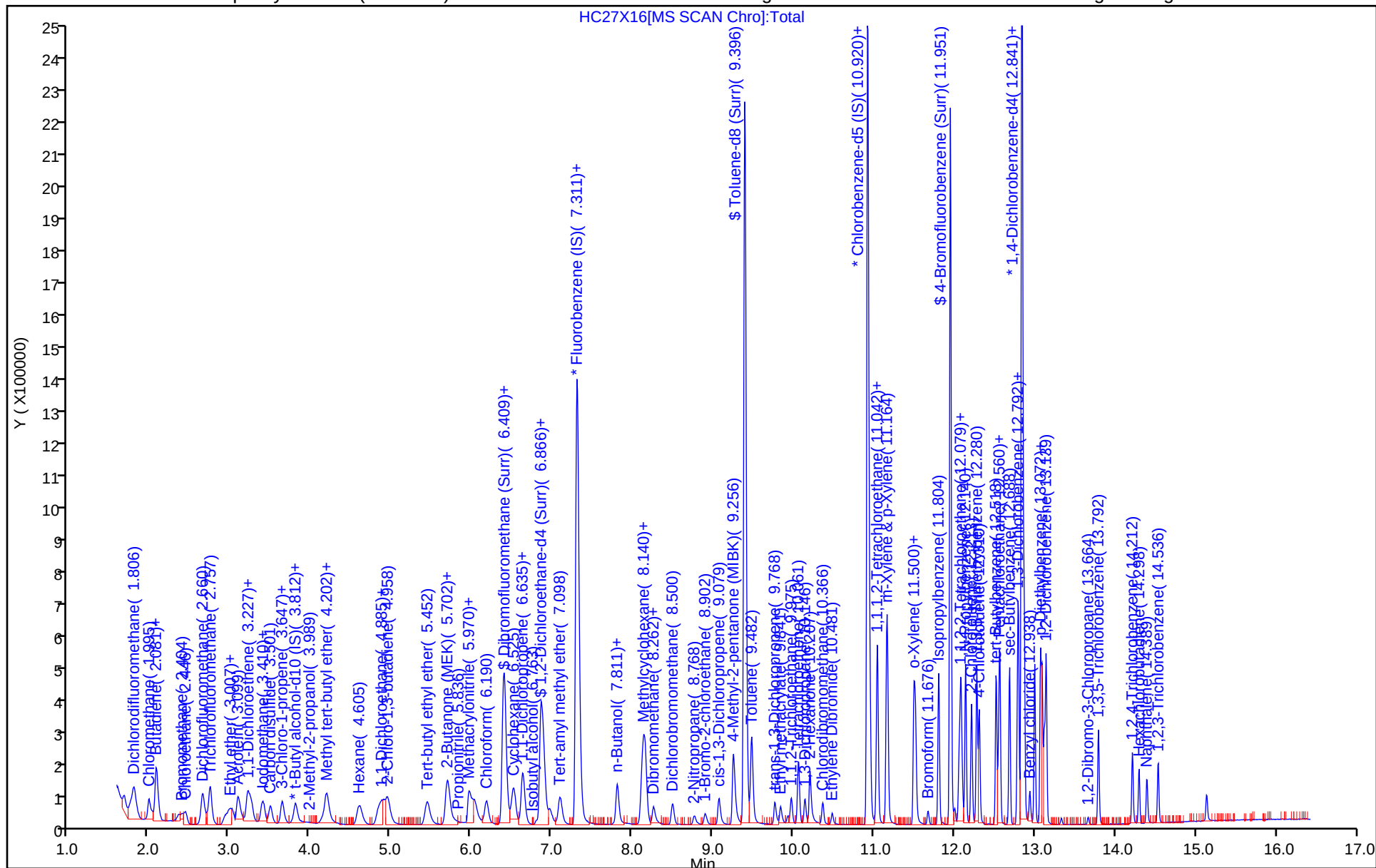
ALS Bottle#: 16

Method: MSV 19094 25mL

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

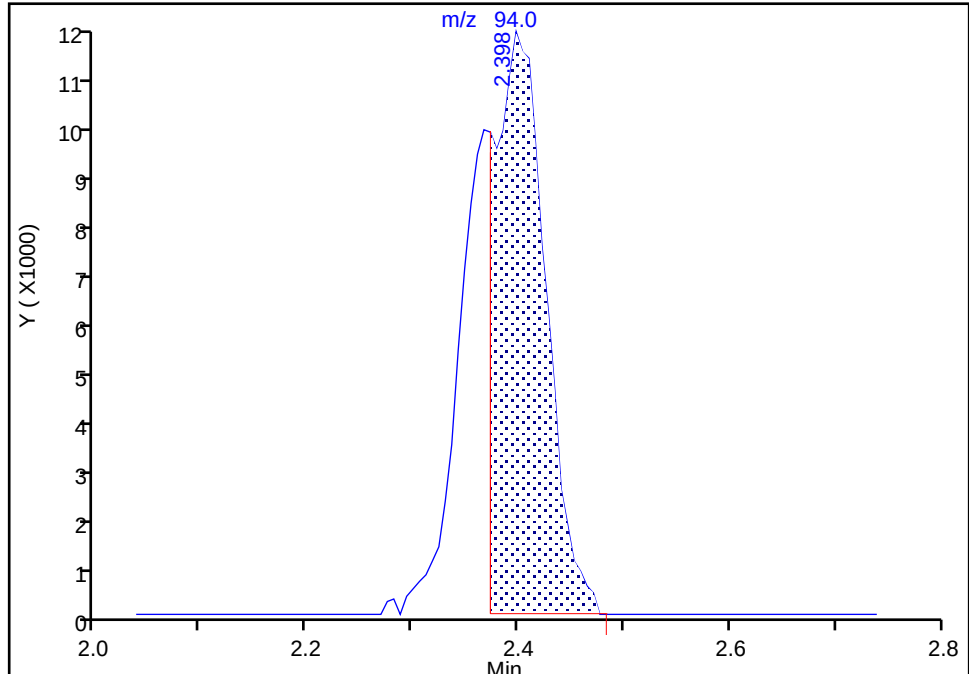
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

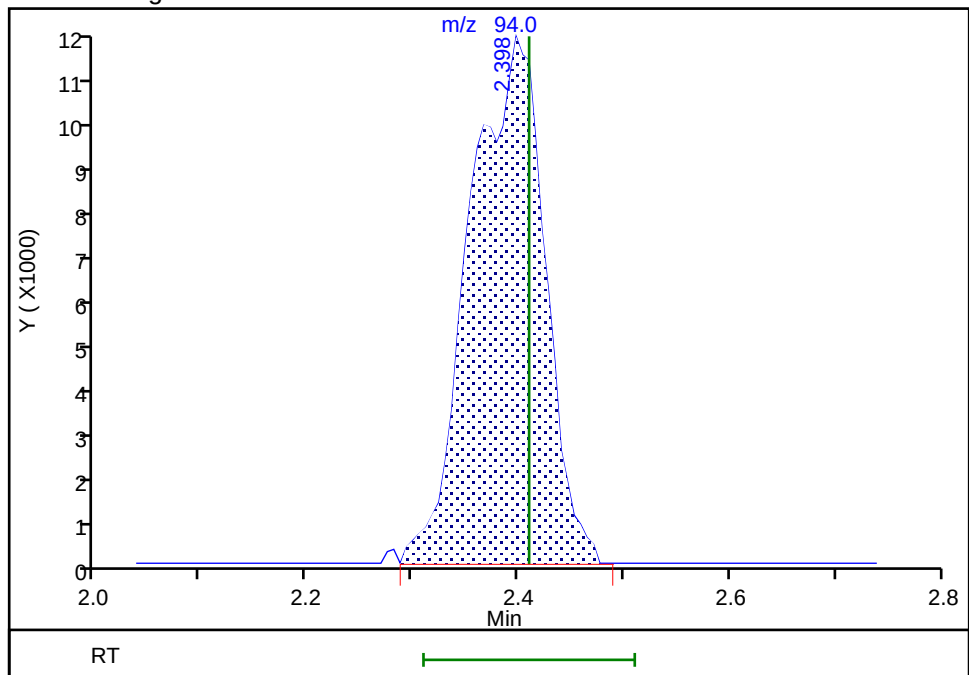
RT: 2.40
Area: 38356
Amount: 0.864858
Amount Units: ug/l

Processing Integration Results



RT: 2.40
Area: 56011
Amount: 1.059371
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:19:51 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

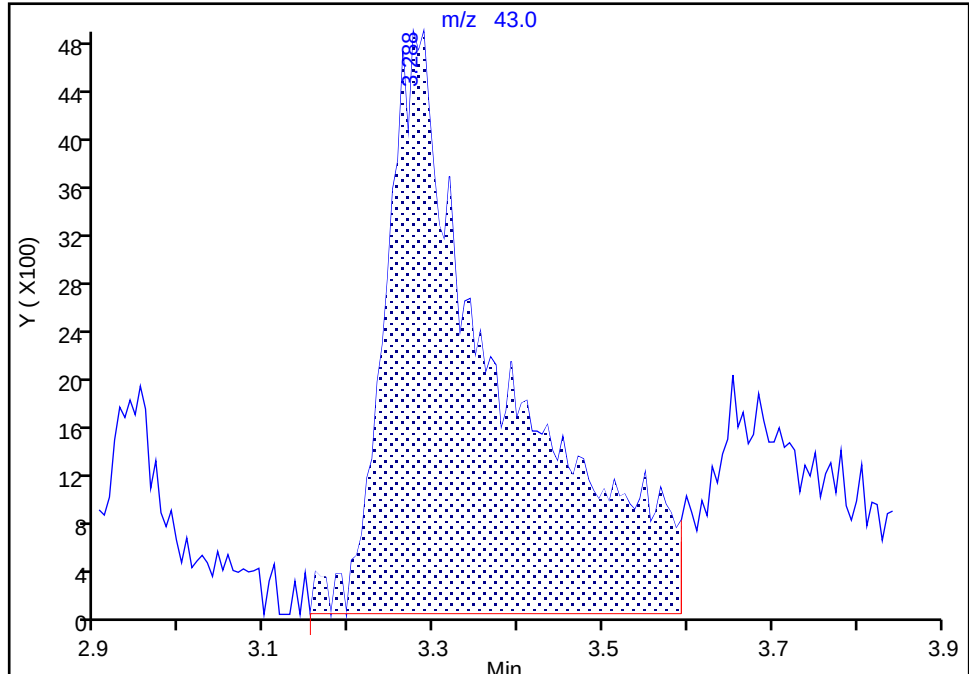
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

19 Acetone, CAS: 67-64-1

Signal: 1

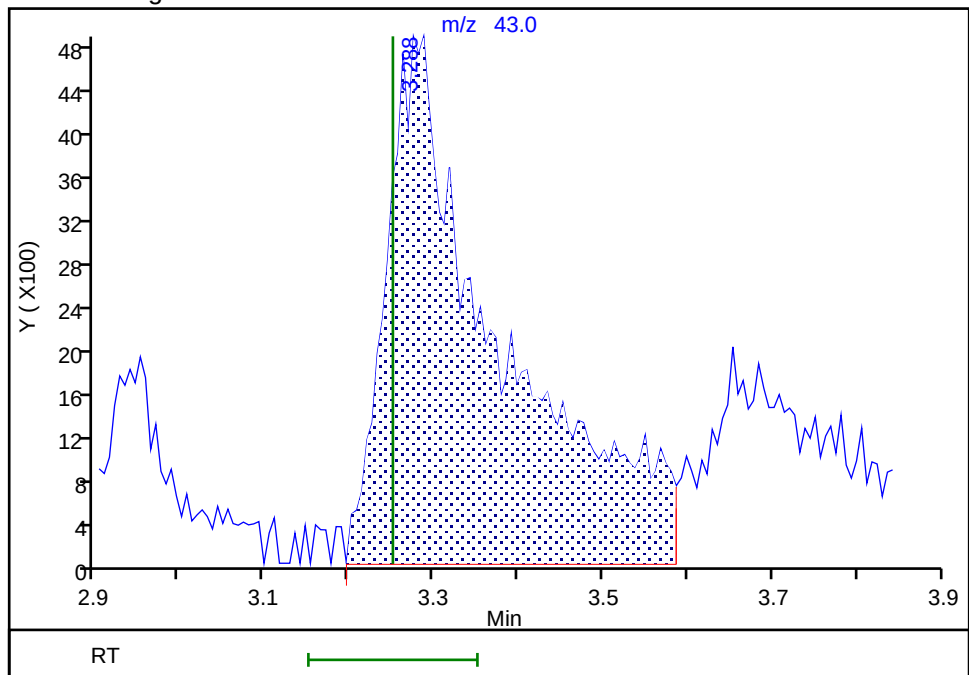
RT: 3.29
Area: 45731
Amount: 8.665443
Amount Units: ug/l

Processing Integration Results



RT: 3.29
Area: 44849
Amount: 9.438799
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:59:04 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

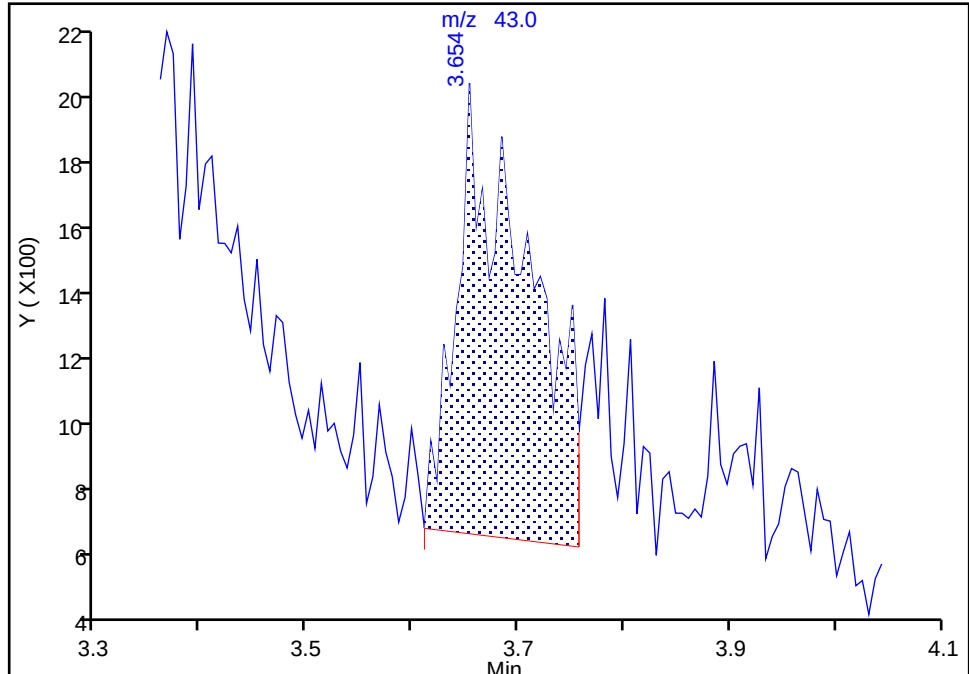
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

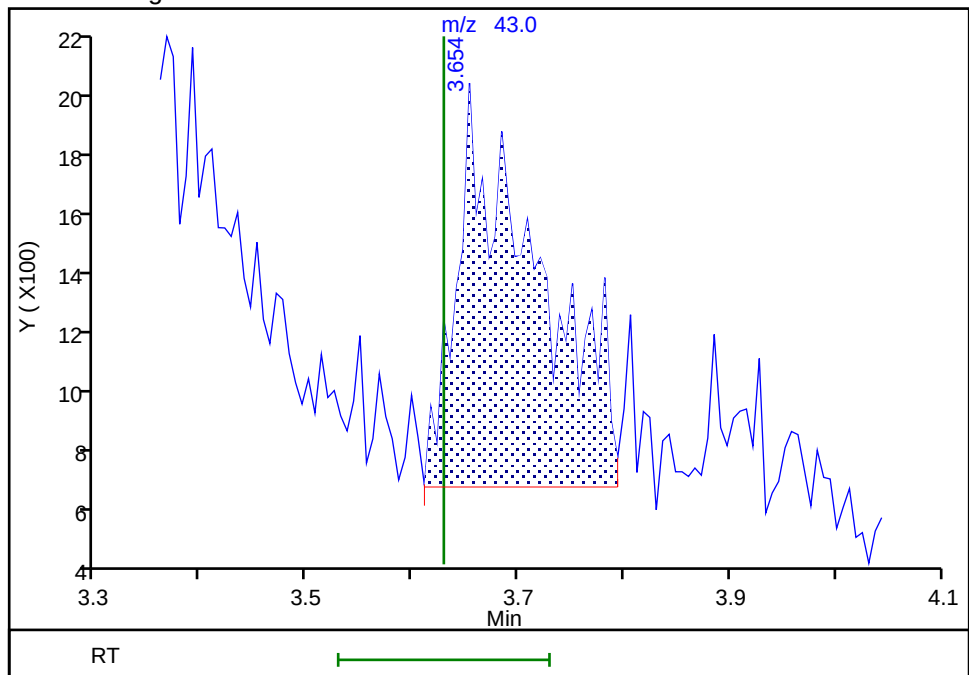
RT: 3.65
Area: 6108
Amount: 0.448051
Amount Units: ug/l

Processing Integration Results



RT: 3.65
Area: 6741
Amount: 0.740414
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:20:09 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

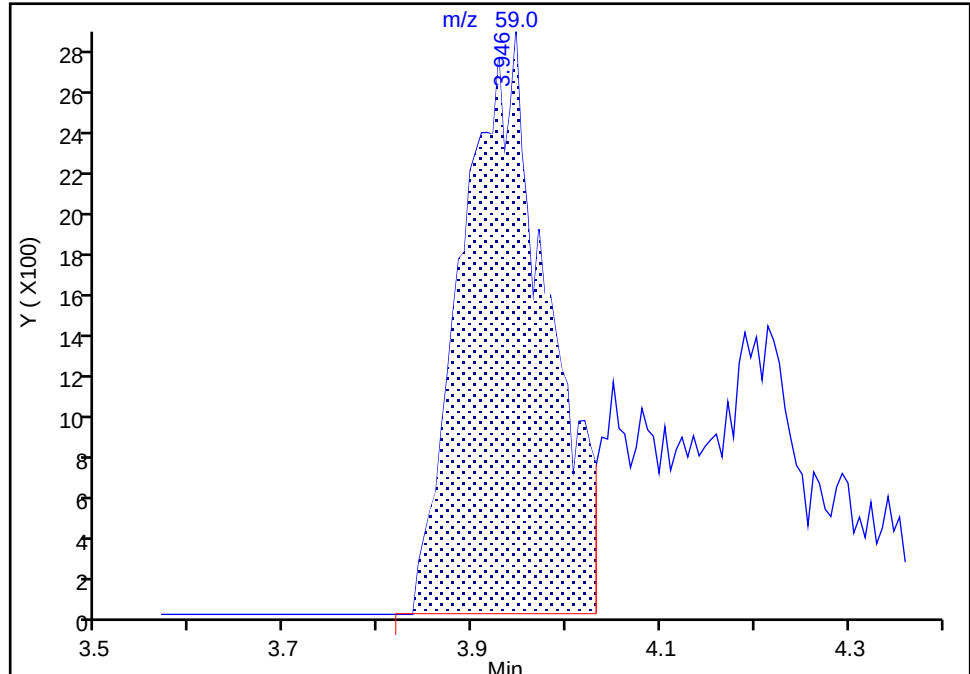
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

29 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

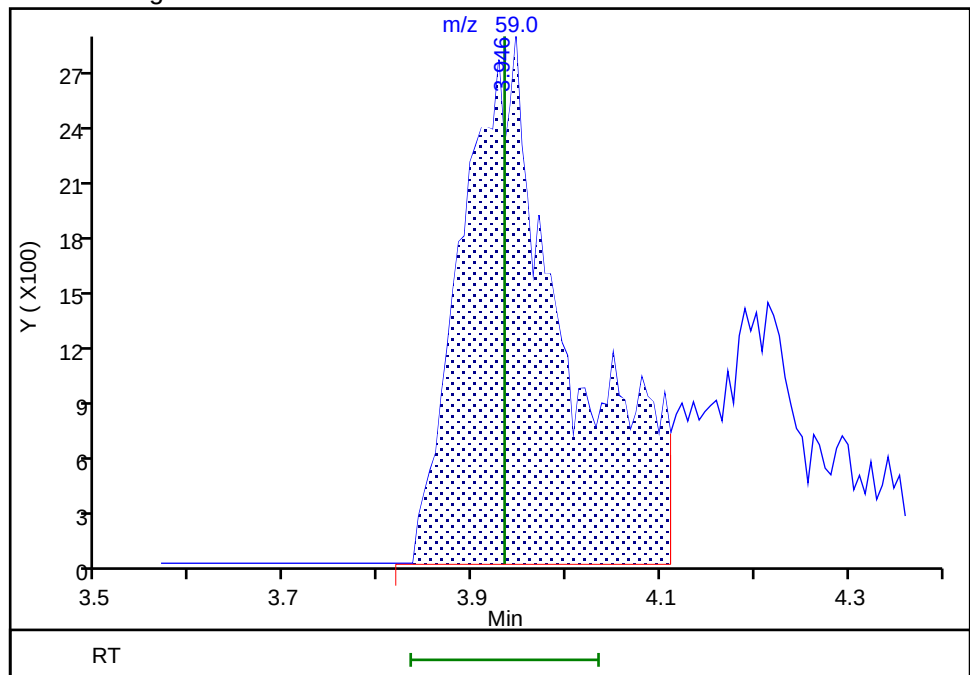
RT: 3.95
Area: 17960
Amount: 16.293131
Amount Units: ug/l

Processing Integration Results



RT: 3.95
Area: 22080
Amount: 19.509892
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:20:19 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

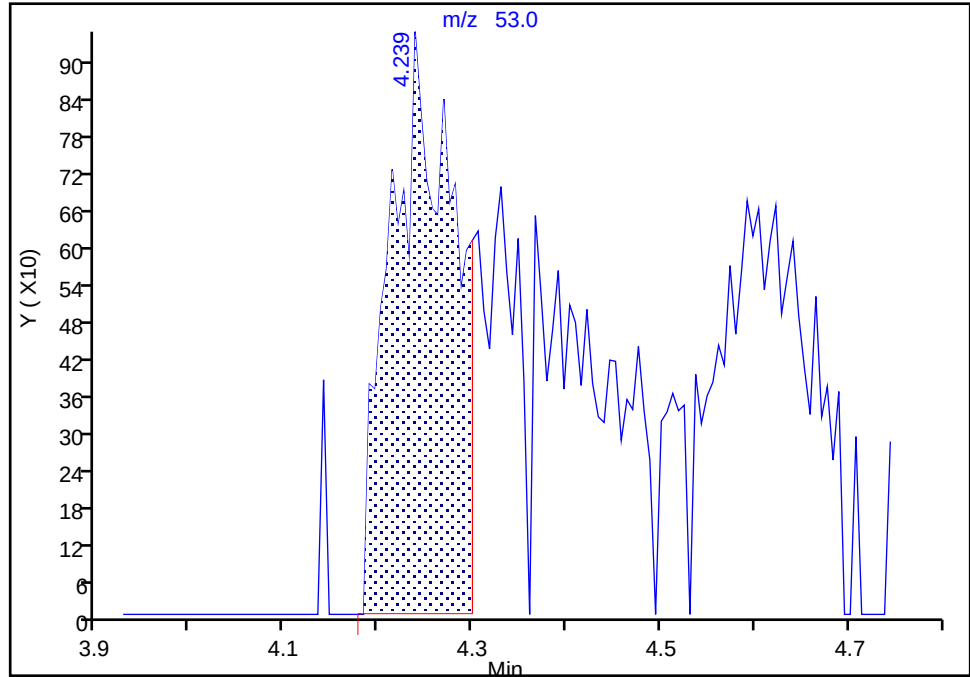
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

30 Acrylonitrile, CAS: 107-13-1

Signal: 1

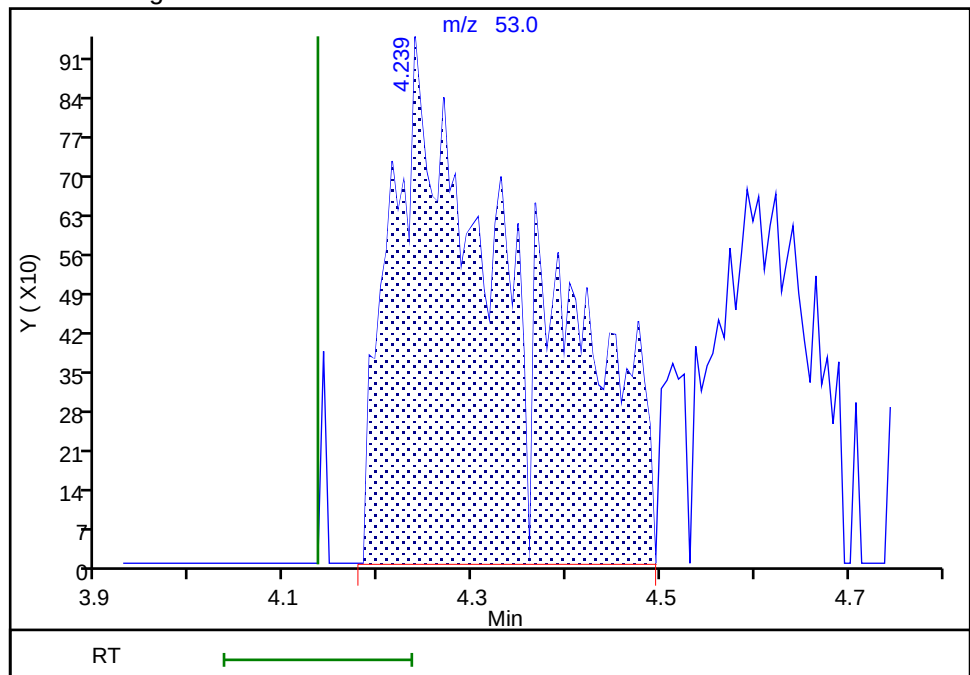
RT: 4.24
Area: 4418
Amount: 2.644529
Amount Units: ug/l

Processing Integration Results



RT: 4.24
Area: 9322
Amount: 3.351584
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:20:31 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

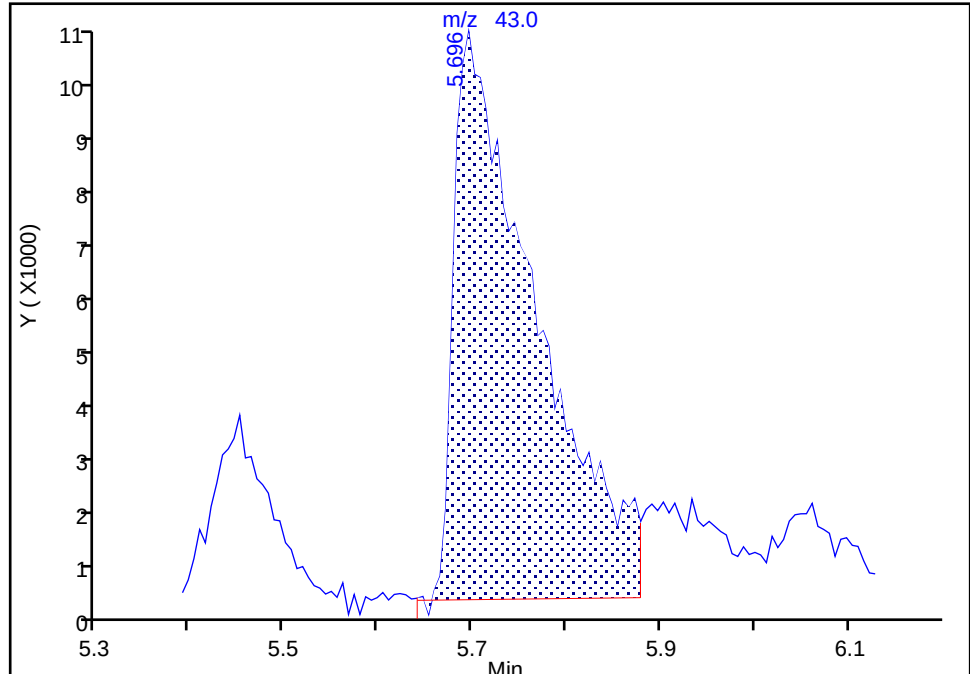
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

41 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

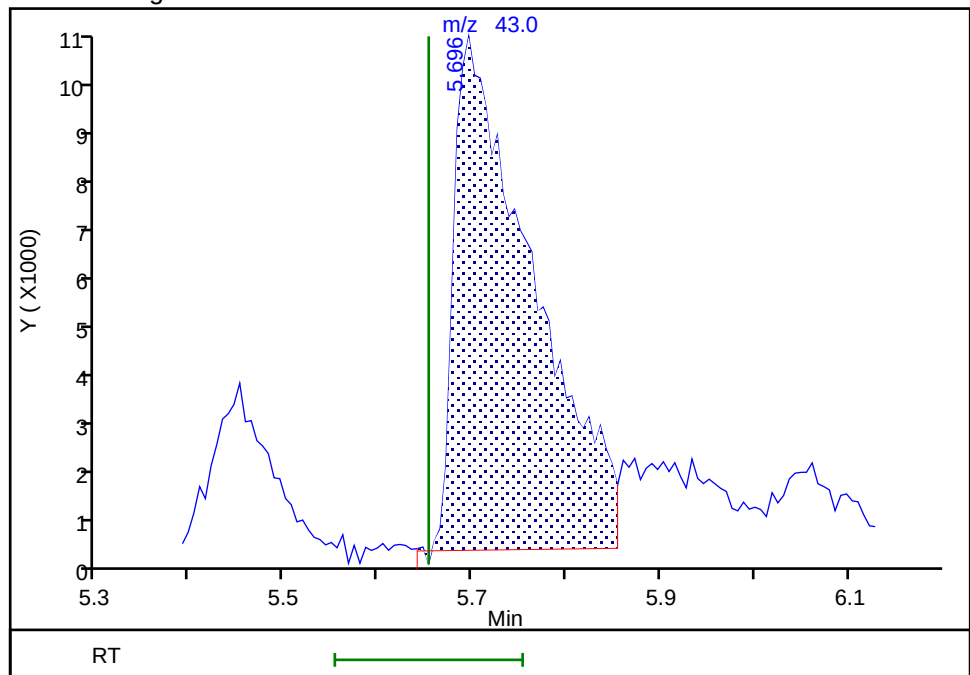
RT: 5.70
Area: 60986
Amount: 8.583607
Amount Units: ug/l

Processing Integration Results



RT: 5.70
Area: 58616
Amount: 8.337309
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 03:12:08 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

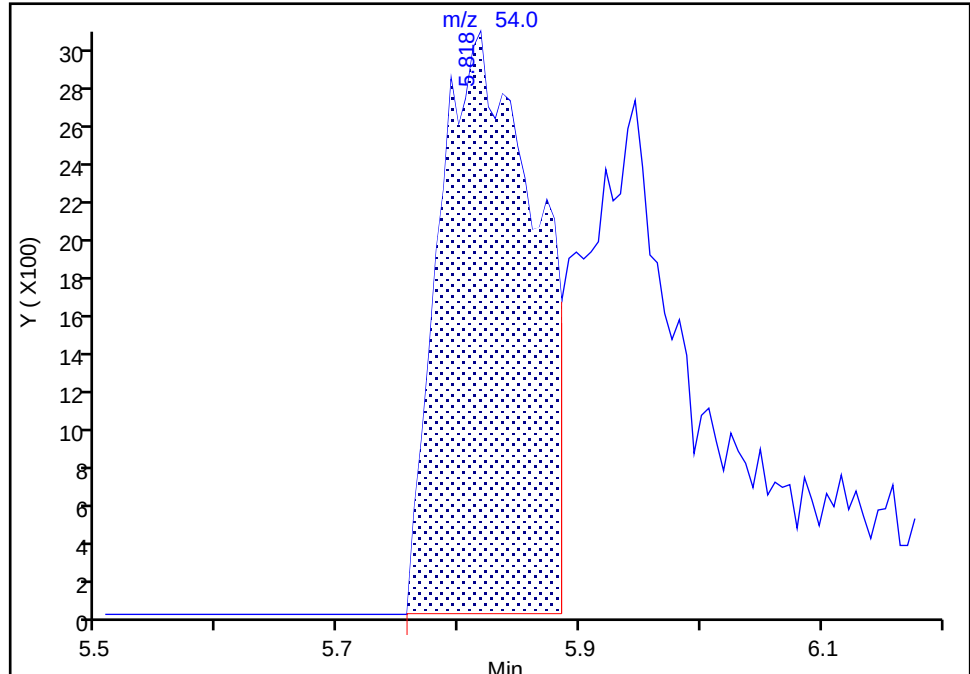
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

44 Propionitrile, CAS: 107-12-0

Signal: 1

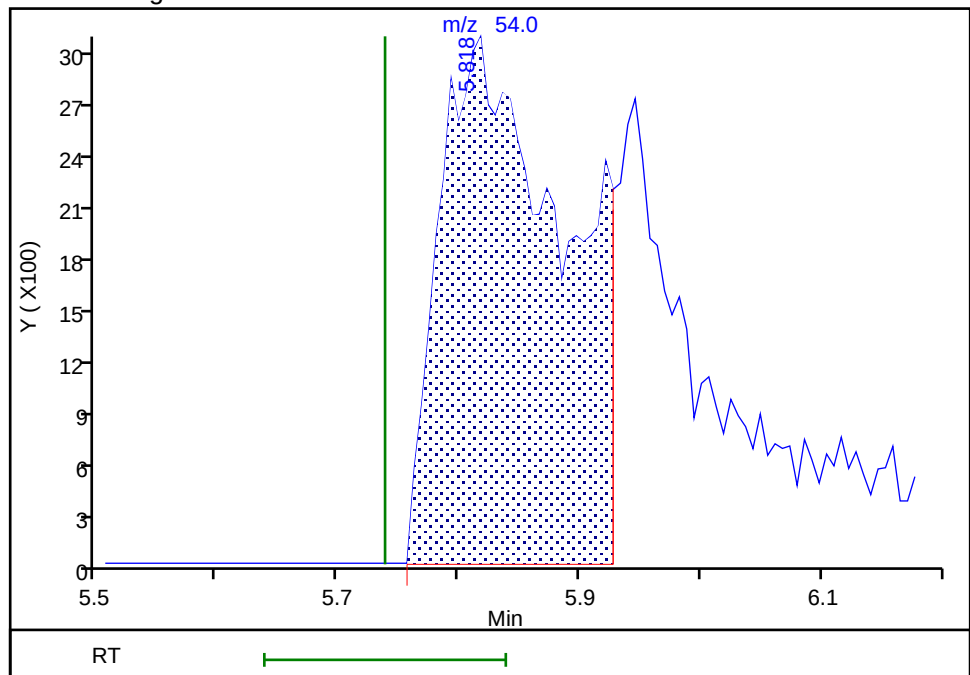
RT: 5.82
Area: 17113
Amount: 12.064514
Amount Units: ug/l

Processing Integration Results



RT: 5.82
Area: 22266
Amount: 16.770710
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:21:00 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

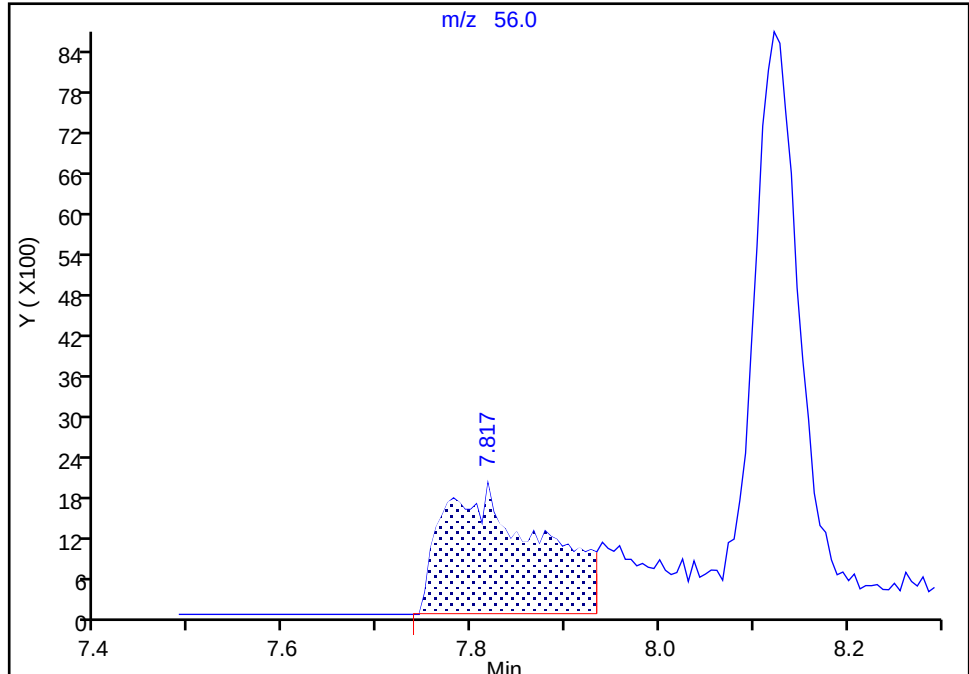
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

66 n-Butanol, CAS: 71-36-3

Signal: 1

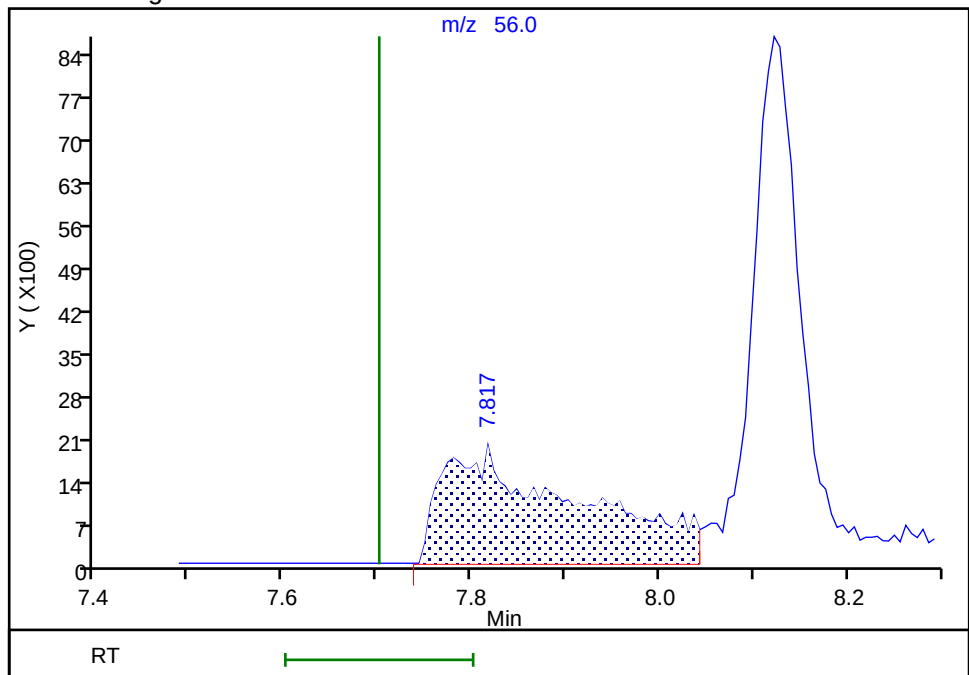
RT: 7.82
Area: 13980
Amount: 81.353987
Amount Units: ug/l

Processing Integration Results



RT: 7.82
Area: 19027
Amount: 94.284249
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:21:21 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

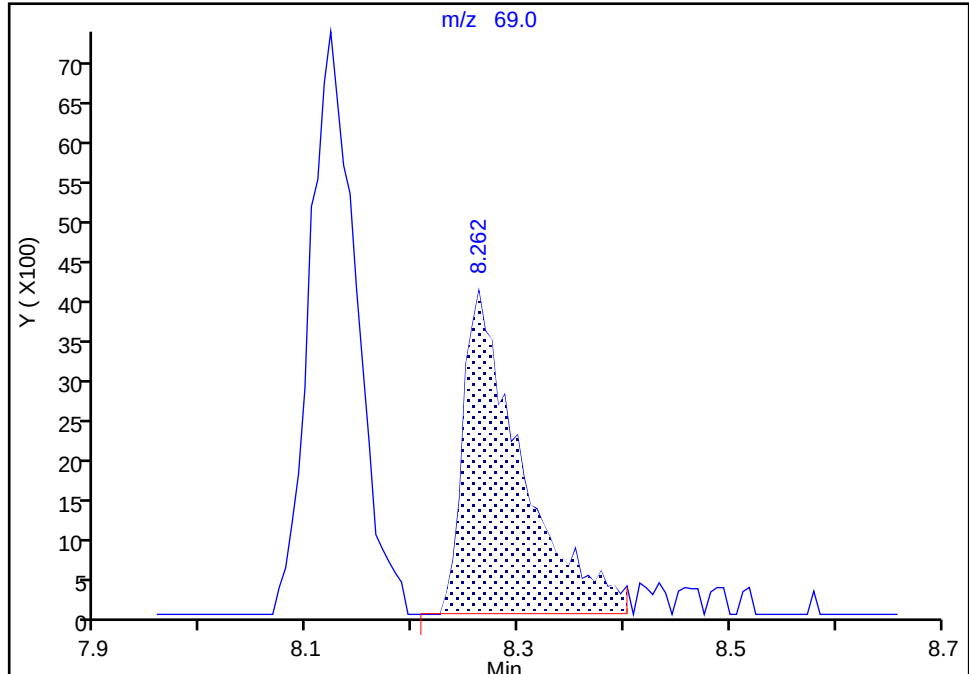
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

72 Methyl methacrylate, CAS: 80-62-6

Signal: 1

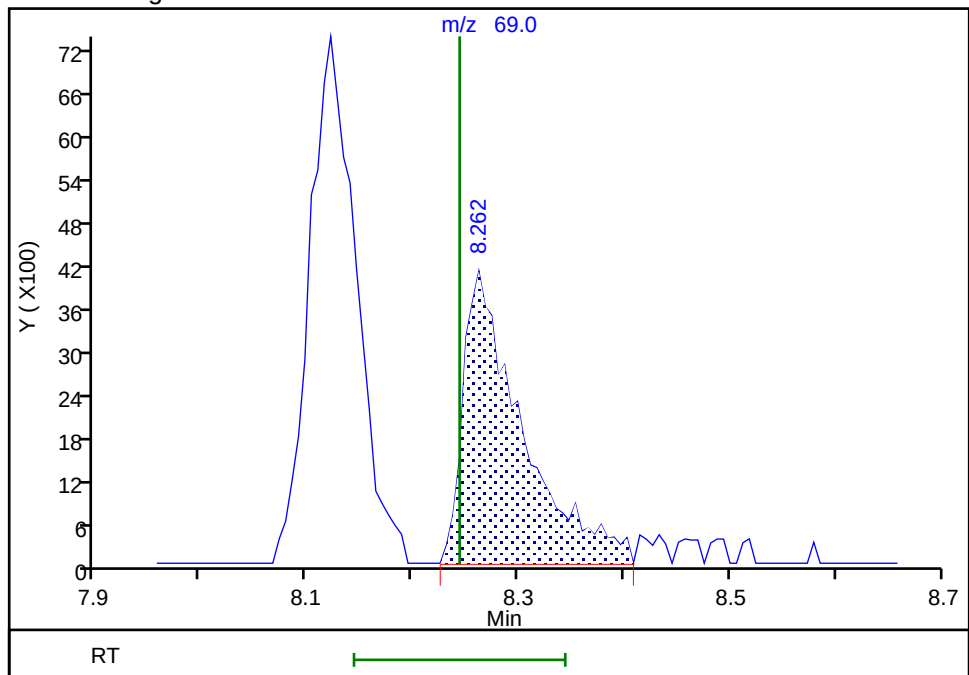
RT: 8.26
Area: 15745
Amount: 0.915673
Amount Units: ug/l

Processing Integration Results



RT: 8.26
Area: 15744
Amount: 0.900922
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:22:04 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

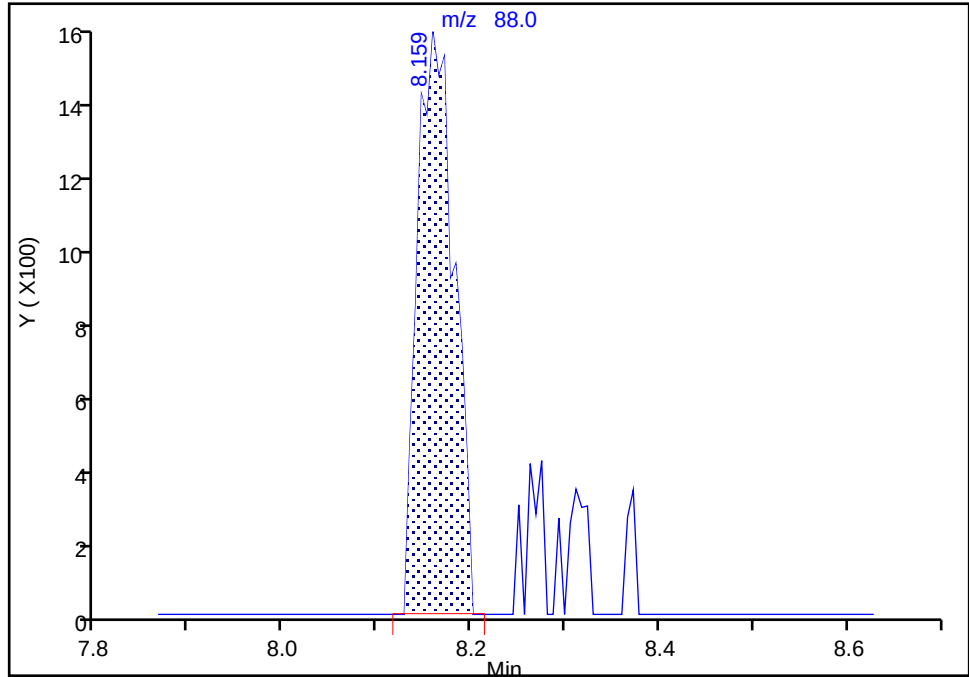
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

73 1,4-Dioxane, CAS: 123-91-1

Signal: 1

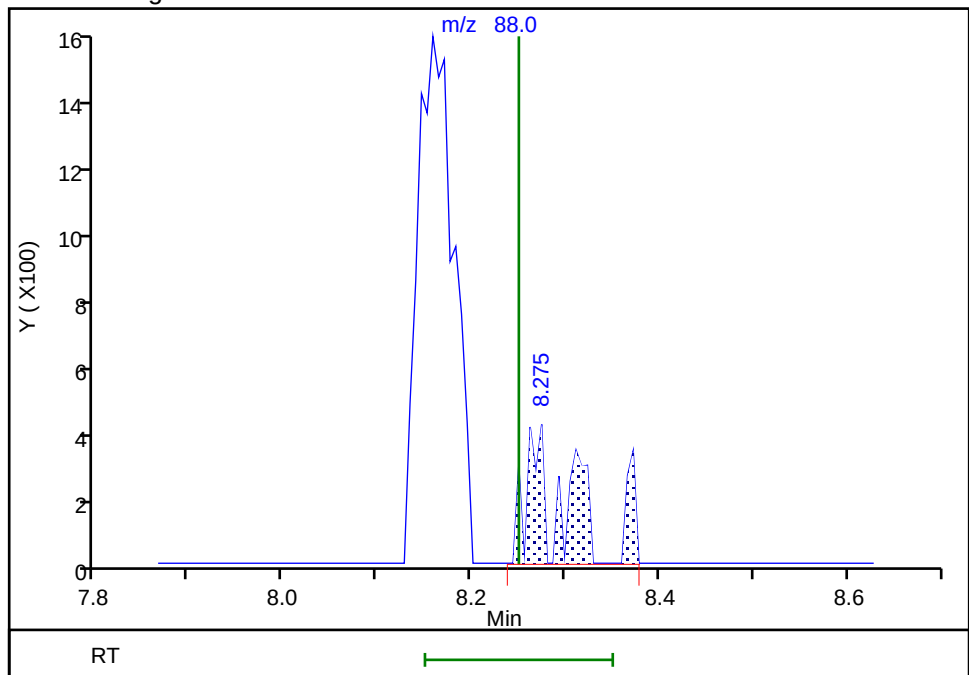
RT: 8.16
Area: 4307
Amount: 65.534102
Amount Units: ug/l

Processing Integration Results



RT: 8.27
Area: 1267
Amount: 26.678825
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:21:45 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

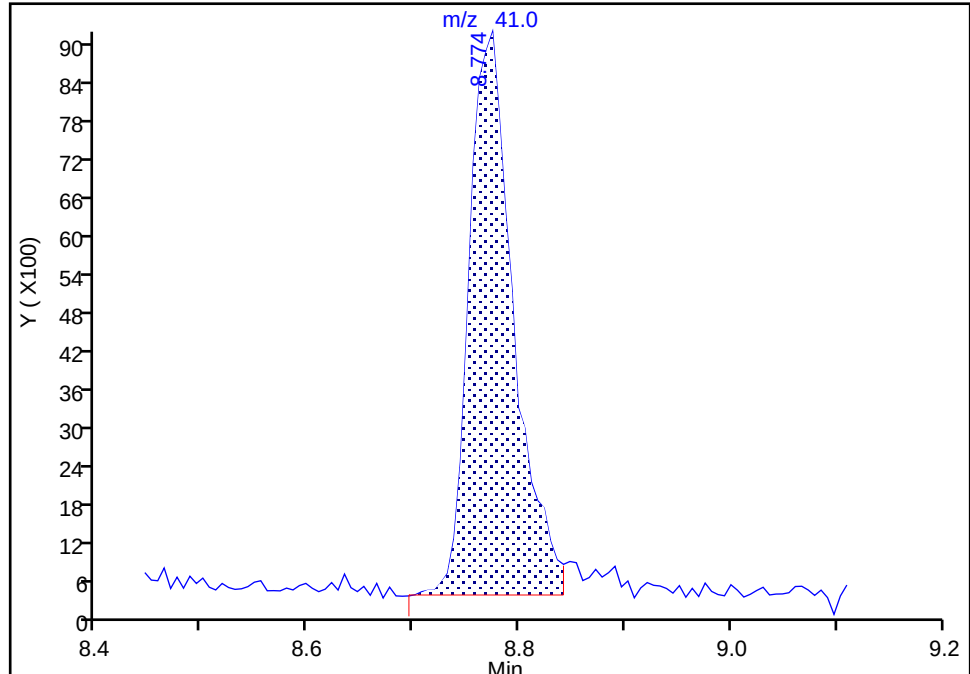
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

77 2-Nitropropane, CAS: 79-46-9

Signal: 1

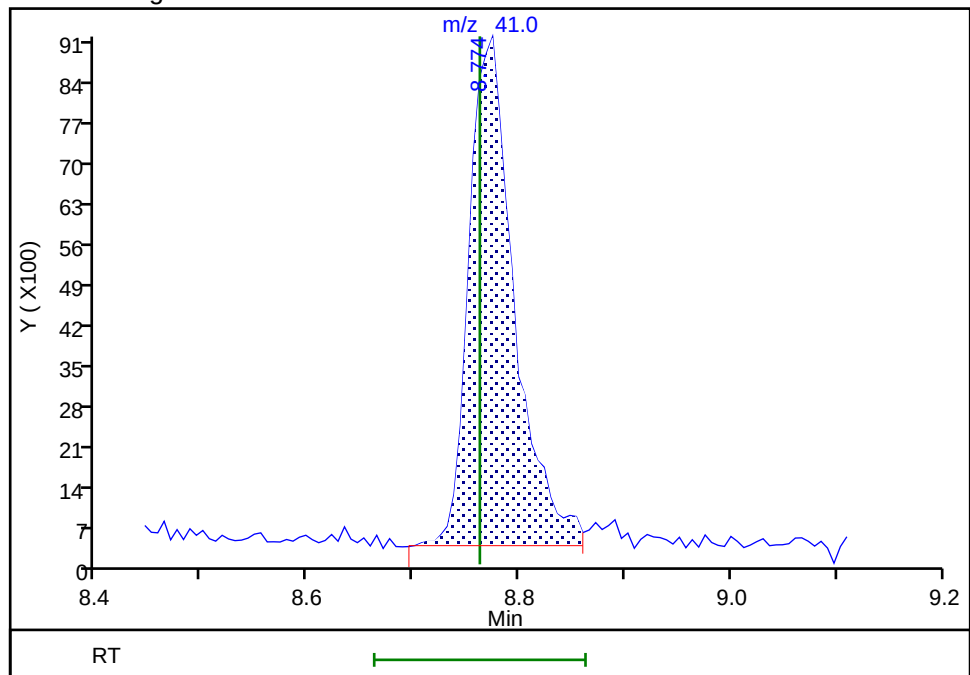
RT: 8.77
Area: 26087
Amount: 4.861131
Amount Units: ug/l

Processing Integration Results



RT: 8.77
Area: 26564
Amount: 4.449085
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:22:21 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

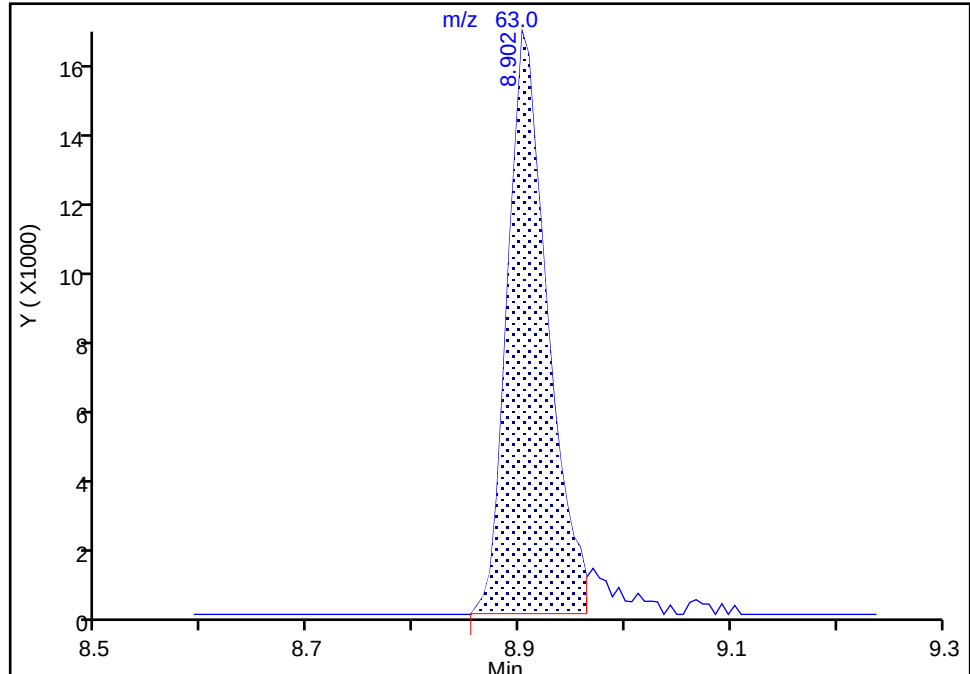
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

79 1-Bromo-2-chloroethane, CAS: 107-04-0

Signal: 1

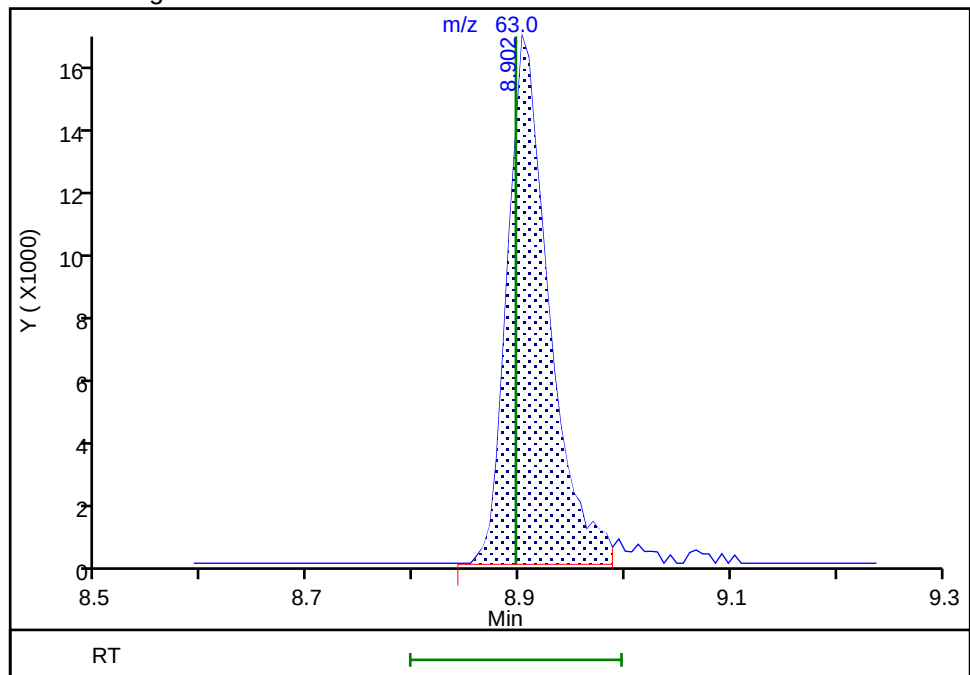
RT: 8.90
Area: 43917
Amount: 1.114356
Amount Units: ug/l

Processing Integration Results



RT: 8.90
Area: 45311
Amount: 1.030067
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:22:59 -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\19094\20251027-164600.b\HC27X17.D
 Lims ID: IC std6 2
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 27-Oct-2025 19:47:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0164600-018
 Misc. Info.: IC STD6 2
 Operator ID: ecr105096 Instrument ID: 19094
 Sublist: chrom-MSV_19094_25mL*sub1
 Method: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 29-Oct-2025 10:18:29 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JS6E

Date: 28-Oct-2025 00:00:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.819	1.819	0.000	99	150461	2.00	1.96	
5 Chloromethane	50	2.007	2.007	0.000	99	165155	2.00	1.89	M
6 Butadiene	39	2.093	2.093	0.000	94	183485	2.00	1.98	
7 Vinyl chloride	62	2.111	2.111	0.000	98	161629	2.00	1.94	
9 Bromomethane	94	2.416	2.416	0.000	90	104103	2.00	1.93	
10 Chloroethane	64	2.459	2.459	0.000	100	86857	2.00	1.96	
11 Dichlorofluoromethane	67	2.672	2.672	0.000	97	229151	2.00	1.88	
12 Trichlorofluoromethane	101	2.763	2.763	0.000	61	204290	2.00	1.94	
13 Ethyl ether	59	2.946	2.946	0.000	91	58615	2.00	1.95	
14 1,2-Dichloro-1,1,2-trifluoroetha	67	3.026	3.026	0.000	93	137717	2.00	1.95	
16 Acrolein	56	3.105	3.105	0.000	98	389499	97.6	109.4	
17 1,1-Dichloroethene	96	3.227	3.227	0.000	97	97487	2.00	2.07	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.269	3.269	0.000	94	107187	2.00	2.21	
19 Acetone	43	3.276	3.276	0.000	96	91621	20.0	21.8	M
20 Iodomethane	142	3.404	3.404	0.000	99	178092	2.00	2.07	
22 Ethyl bromide	108	3.434	3.434	0.000	98	82395	2.00	1.91	
23 Carbon disulfide	76	3.513	3.513	0.000	100	273354	2.00	2.04	
25 3-Chloro-1-propene	41	3.654	3.654	0.000	91	165545	2.00	2.02	
24 Methyl acetate	43	3.660	3.660	0.000	24	14758	2.00	1.83	M
27 Methylene Chloride	84	3.830	3.830	0.000	92	97970	2.00	2.06	
* 28 t-Butyl alcohol-d10 (IS)	65	3.836	3.836	0.000	98	58126	50.0	50.0	
29 2-Methyl-2-propanol	59	3.934	3.934	0.000	99	49486	40.0	49.4	
31 Methyl tert-butyl ether	73	4.196	4.196	0.000	96	215865	2.00	2.07	
30 Acrylonitrile	53	4.202	4.202	0.000	24	25772	5.00	6.06	M
33 trans-1,2-Dichloroethene	96	4.208	4.208	0.000	97	109839	2.00	2.11	
34 Hexane	57	4.617	4.617	0.000	93	161764	2.00	2.19	
35 1,1-Dichloroethane	63	4.854	4.854	0.000	96	203871	2.00	2.11	
37 Isopropyl ether	45	4.909	4.909	0.000	93	325649	2.00	2.10	
38 2-Chloro-1,3-butadiene	53	4.964	4.964	0.000	92	176016	2.00	2.06	
39 Tert-butyl ethyl ether	59	5.458	5.458	0.000	98	294475	2.00	2.10	

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	5.690	5.690	0.000	100	142265	20.0	20.3	
42 cis-1,2-Dichloroethene	96	5.702	5.702	0.000	83	116191	2.00	2.11	
43 2,2-Dichloropropane	77	5.720	5.720	0.000	85	180035	2.00	2.08	
44 Propionitrile	54	5.787	5.787	0.000	98	59449	40.0	44.1	M
46 Methacrylonitrile	67	5.970	5.970	0.000	92	175057	20.0	23.0	
47 Chlorobromomethane	128	6.043	6.043	0.000	96	43614	2.00	2.10	
48 Tetrahydrofuran	71	6.043	6.043	0.000	78	23967	10.0	11.3	
S 49 1,2-Dichloroethene, Total	100				0			4.22	
50 Chloroform	83	6.190	6.190	0.000	94	195775	2.00	2.07	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.409	0.000	93	445933	10.0	10.0	
52 1,1,1-Trichloroethane	97	6.421	6.421	0.000	99	185068	2.00	2.08	
54 Cyclohexane	56	6.531	6.531	0.000	91	207476	2.00	2.08	
55 1,1-Dichloropropene	75	6.641	6.641	0.000	95	165073	2.00	2.12	
56 Carbon tetrachloride	117	6.647	6.647	0.000	86	158444	2.00	2.11	
57 Isobutyl alcohol	41	6.811	6.811	0.000	95	40186	100.0	93.6	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	83	81922	10.0	9.99	
59 Benzene	78	6.903	6.903	0.000	96	462806	2.00	2.05	
60 1,2-Dichloroethane	62	6.976	6.976	0.000	97	102830	2.00	2.05	M
62 Tert-amyl methyl ether	73	7.110	7.110	0.000	98	241588	2.00	2.06	
* 64 Fluorobenzene (IS)	96	7.317	7.317	0.000	98	1942176	10.0	10.0	
65 n-Heptane	43	7.342	7.342	0.000	94	156534	2.00	2.07	
66 n-Butanol	56	7.738	7.738	0.000	88	49253	175.0	201.3	M
67 Trichloroethene	95	7.817	7.817	0.000	98	124120	2.00	2.10	
69 Methylcyclohexane	83	8.128	8.128	0.000	92	214060	2.00	2.12	
70 1,2-Dichloropropane	63	8.147	8.147	0.000	95	111484	2.00	2.10	
71 2-ethoxy-2-methyl butane	87	8.165	8.165	0.000	93	170082	2.00	2.11	
72 Methyl methacrylate	69	8.256	8.256	0.000	87	35279	2.00	2.28	
74 Dibromomethane	93	8.262	8.262	0.000	95	42778	2.00	2.06	
73 1,4-Dioxane	88	8.268	8.268	0.000	30	5373	100.0	127.8	M
76 Dichlorobromomethane	83	8.506	8.506	0.000	98	127096	2.00	2.09	
77 2-Nitropropane	41	8.768	8.768	0.000	98	56269	10.0	10.6	
79 1-Bromo-2-chloroethane	63	8.902	8.902	0.000	99	85238	2.00	1.90	
80 cis-1,3-Dichloropropene	75	9.073	9.073	0.000	95	145202	2.00	2.07	
81 4-Methyl-2-pentanone (MIBK)	43	9.256	9.256	0.000	97	451280	20.0	21.9	
\$ 82 Toluene-d8 (Surr)	98	9.402	9.402	0.000	94	1946574	10.0	9.94	
84 Toluene	92	9.482	9.482	0.000	98	303762	2.00	2.08	
85 trans-1,3-Dichloropropene	75	9.768	9.768	0.000	94	110349	2.00	2.06	
86 Ethyl methacrylate	69	9.841	9.841	0.000	89	78281	2.00	2.06	
87 1,1,2-Trichloroethane	97	9.975	9.975	0.000	91	62407	2.00	2.05	
S 106 1,3-Dichloropropene, Total	100				0			4.14	
107 Tetrachloroethene	166	10.067	10.067	0.000	97	136346	2.00	2.06	
108 1,3-Dichloropropane	76	10.146	10.146	0.000	92	110442	2.00	2.08	
109 2-Hexanone	43	10.201	10.201	0.000	96	298530	20.0	22.7	
111 Chlorodibromomethane	129	10.366	10.366	0.000	90	80082	2.00	2.05	
112 Ethylene Dibromide	107	10.481	10.481	0.000	99	58639	2.00	2.13	
* 113 Chlorobenzene-d5 (IS)	117	10.926	10.926	0.000	87	1388518	10.0	10.0	
114 1-Chlorohexane	91	10.945	10.945	0.000	97	171160	2.00	2.02	
115 Chlorobenzene	112	10.951	10.951	0.000	95	316002	2.00	2.10	
116 1,1,1,2-Tetrachloroethane	131	11.036	11.036	0.000	95	105716	2.00	2.08	
117 Ethylbenzene	91	11.042	11.042	0.000	99	592389	2.00	2.08	
118 m-Xylene & p-Xylene	106	11.164	11.164	0.000	100	459008	4.00	4.13	
S 119 Xylenes, Total	106				0			6.19	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
120 o-Xylene	106	11.500	11.500	0.000	97	215845	2.00	2.06	
121 Styrene	104	11.518	11.518	0.000	95	340491	2.00	2.07	
122 Bromoform	173	11.676	11.676	0.000	96	42359	2.00	2.10	
123 Isopropylbenzene	105	11.804	11.804	0.000	96	589587	2.00	2.06	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	88	704249	10.0	10.0	
127 1,1,2,2-Tetrachloroethane	83	12.054	12.054	0.000	92	73695	2.00	2.07	
128 Bromobenzene	156	12.067	12.067	0.000	97	120587	2.00	2.08	
129 trans-1,4-Dichloro-2-butene	53	12.079	12.079	0.000	92	160168	20.0	22.4	
130 1,2,3-Trichloropropane	110	12.097	12.097	0.000	83	20039	2.00	2.12	
131 N-Propylbenzene	91	12.140	12.140	0.000	99	706937	2.00	2.10	
132 2-Chlorotoluene	126	12.213	12.213	0.000	96	133454	2.00	2.10	
133 1,3,5-Trimethylbenzene	105	12.280	12.280	0.000	93	493594	2.00	2.07	
134 4-Chlorotoluene	126	12.310	12.310	0.000	98	136168	2.00	2.10	
135 tert-Butylbenzene	134	12.518	12.518	0.000	94	106829	2.00	2.08	
136 Pentachloroethane	167	12.554	12.554	0.000	92	65560	2.00	1.89	
137 1,2,4-Trimethylbenzene	105	12.566	12.566	0.000	98	501181	2.00	2.06	
138 sec-Butylbenzene	105	12.688	12.688	0.000	94	625252	2.00	2.10	
139 1,3-Dichlorobenzene	146	12.786	12.786	0.000	98	248996	2.00	2.12	
140 4-Isopropyltoluene	119	12.798	12.798	0.000	97	533523	2.00	2.07	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	765520	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.859	12.859	0.000	96	249651	2.00	2.07	
143 1,2,3-Trimethylbenzene	120	12.871	12.871	0.000	99	209431	2.00	2.09	
144 Benzyl chloride	126	12.938	12.938	0.000	99	29403	2.00	2.14	
145 p-Diethylbenzene	119	13.072	13.072	0.000	93	318048	2.00	2.09	
146 n-Butylbenzene	92	13.091	13.091	0.000	98	261598	2.00	2.12	
147 1,2-Dichlorobenzene	146	13.115	13.115	0.000	97	218027	2.00	2.10	
148 1,2-Dibromo-3-Chloropropane	155	13.664	13.664	0.000	83	8718	2.00	2.01	
150 1,3,5-Trichlorobenzene	180	13.792	13.792	0.000	97	171311	2.00	2.07	
151 1,2,4-Trichlorobenzene	180	14.212	14.212	0.000	94	133340	2.00	2.09	
152 Hexachlorobutadiene	225	14.298	14.298	0.000	97	58824	2.00	2.10	
153 Naphthalene	128	14.389	14.389	0.000	97	215019	2.00	2.03	
154 1,2,3-Trichlorobenzene	180	14.536	14.536	0.000	95	106092	2.00	2.04	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#1_826_00182

Amount Added: 2.00

Units: uL

MSV_LL_GAS826_00295

Amount Added: 2.00

Units: uL

MSV_LL_#2_826_00196

Amount Added: 2.00

Units: uL

MSV_LLcentISS_00019

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 29-Oct-2025 10:18:32

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X17.D

Injection Date: 27-Oct-2025 19:47:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: IC std6 2

Worklist Smp#: 18

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

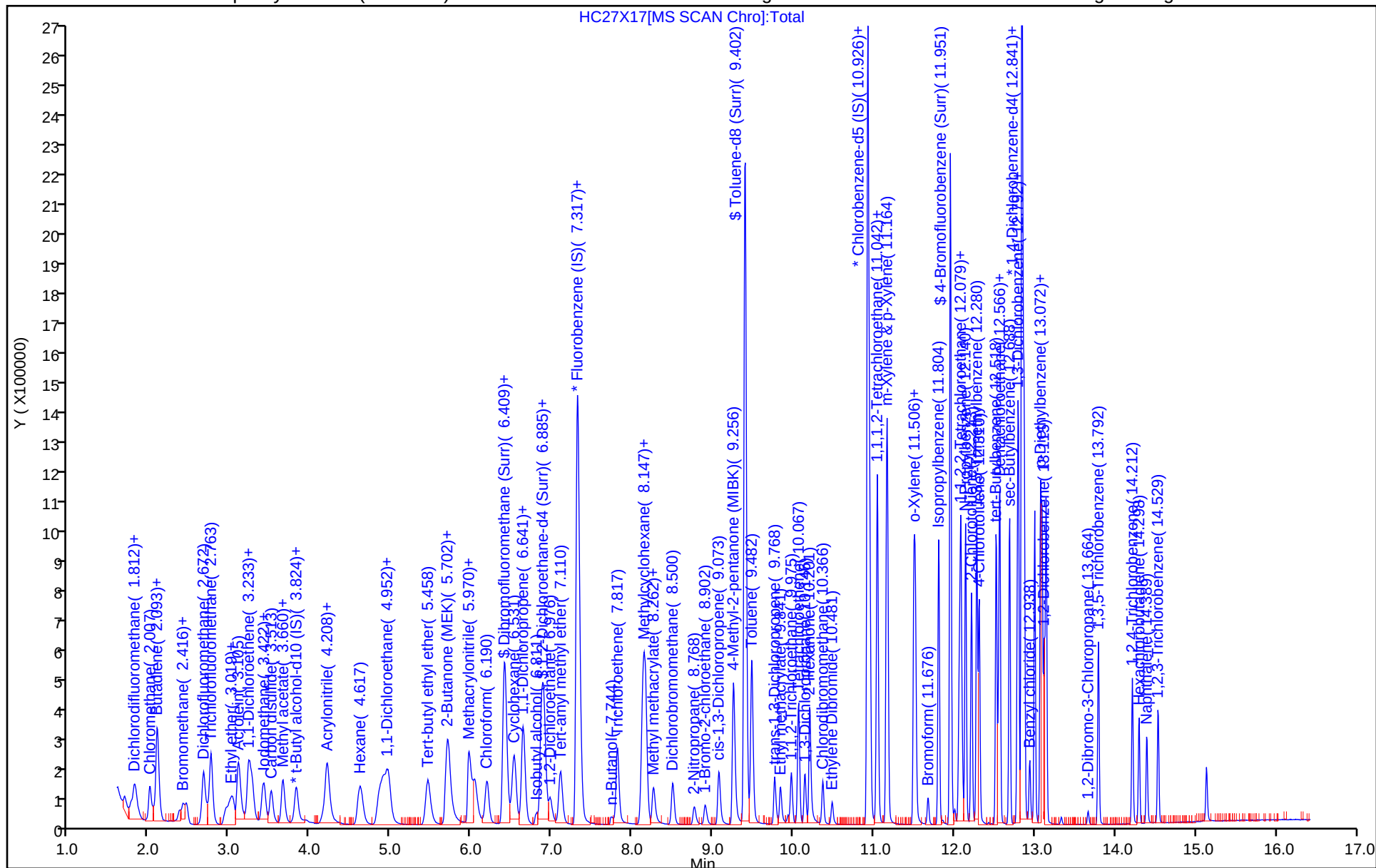
ALS Bottle#: 17

Method: MSV_19094_25mL

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

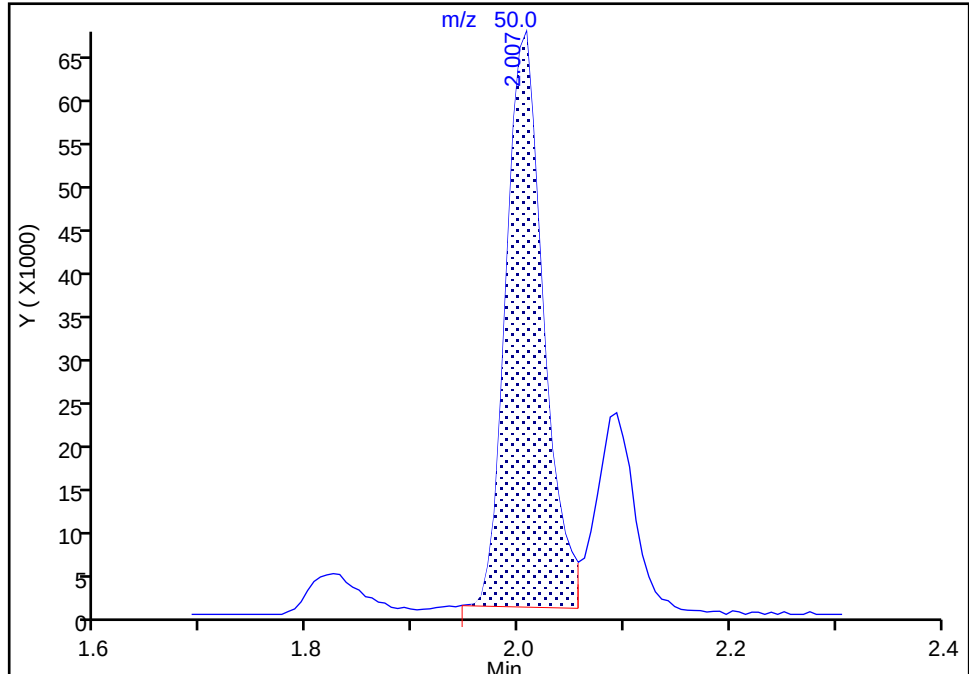
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Injection Date: 27-Oct-2025 19:47:30 Instrument ID: 19094
Lims ID: IC std6 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

5 Chloromethane, CAS: 74-87-3

Signal: 1

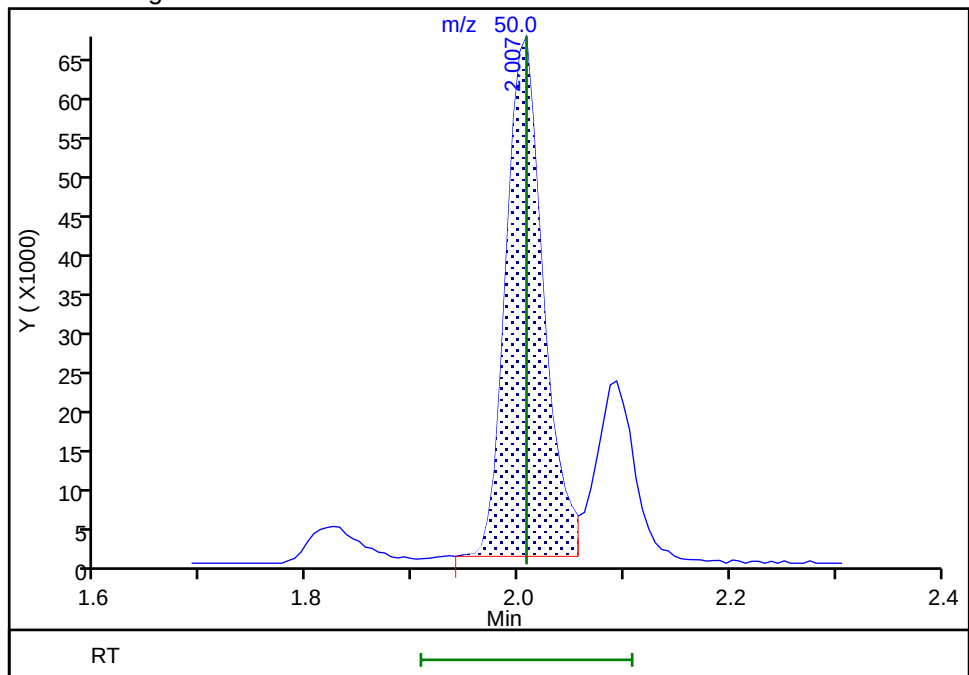
RT: 2.01
Area: 165019
Amount: 1.769465
Amount Units: ug/l

Processing Integration Results



RT: 2.01
Area: 165155
Amount: 1.887621
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 00:00:21 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

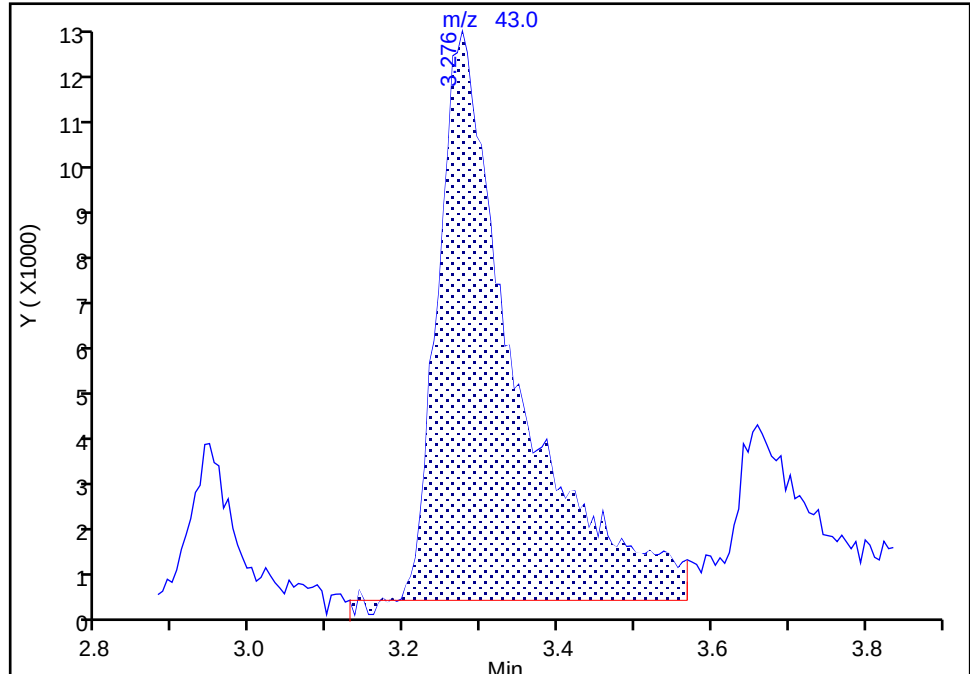
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Injection Date: 27-Oct-2025 19:47:30 Instrument ID: 19094
Lims ID: IC std6 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

19 Acetone, CAS: 67-64-1

Signal: 1

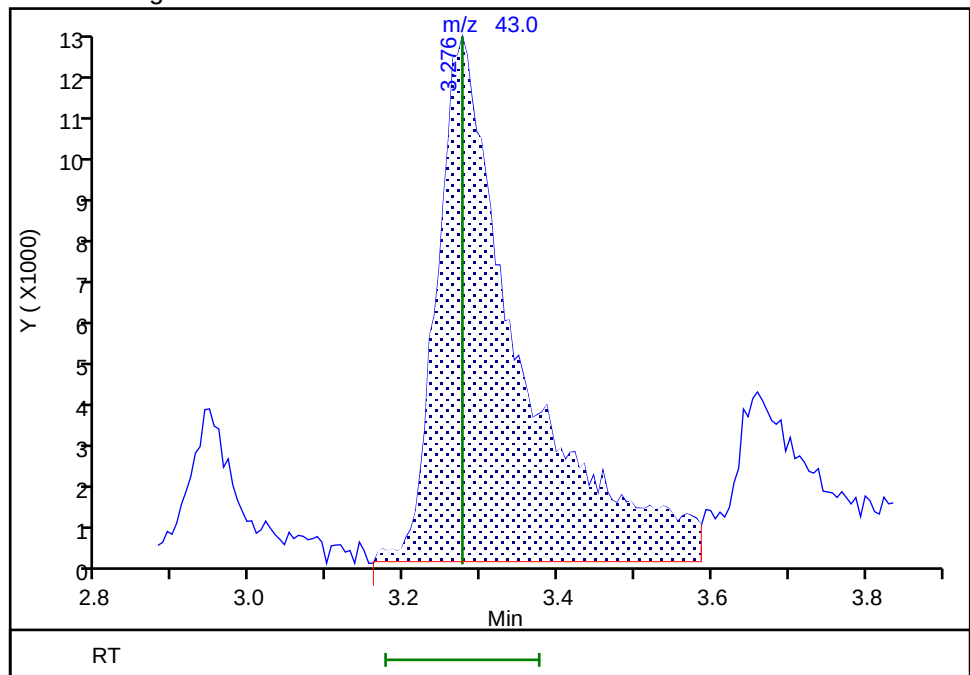
RT: 3.28
Area: 83349
Amount: 18.073085
Amount Units: ug/l

Processing Integration Results



RT: 3.28
Area: 91621
Amount: 21.786228
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:58:39 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

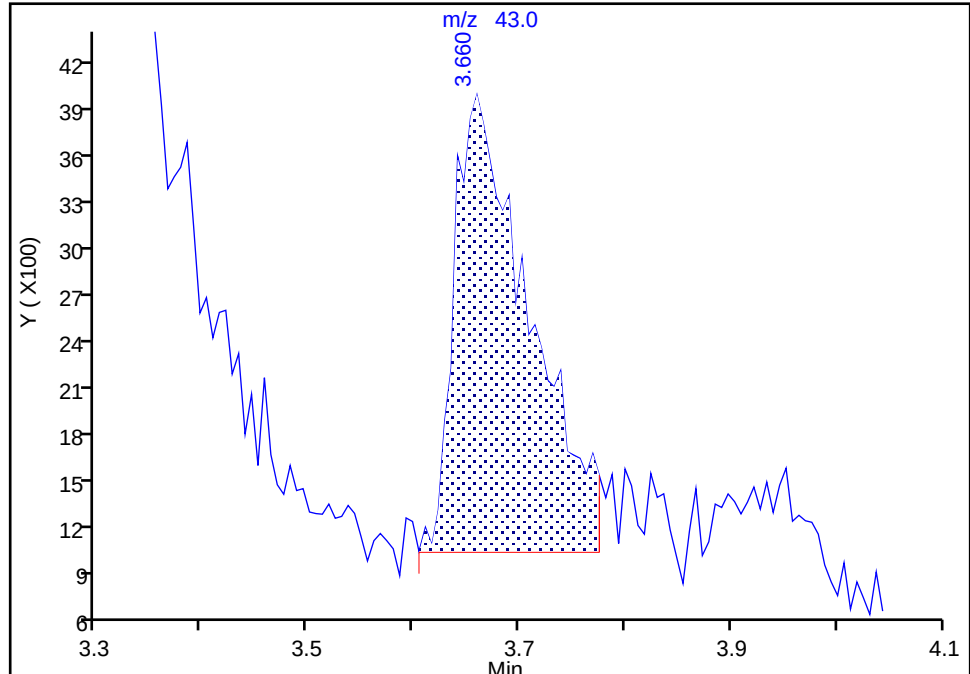
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Injection Date: 27-Oct-2025 19:47:30 Instrument ID: 19094
Lims ID: IC std6 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

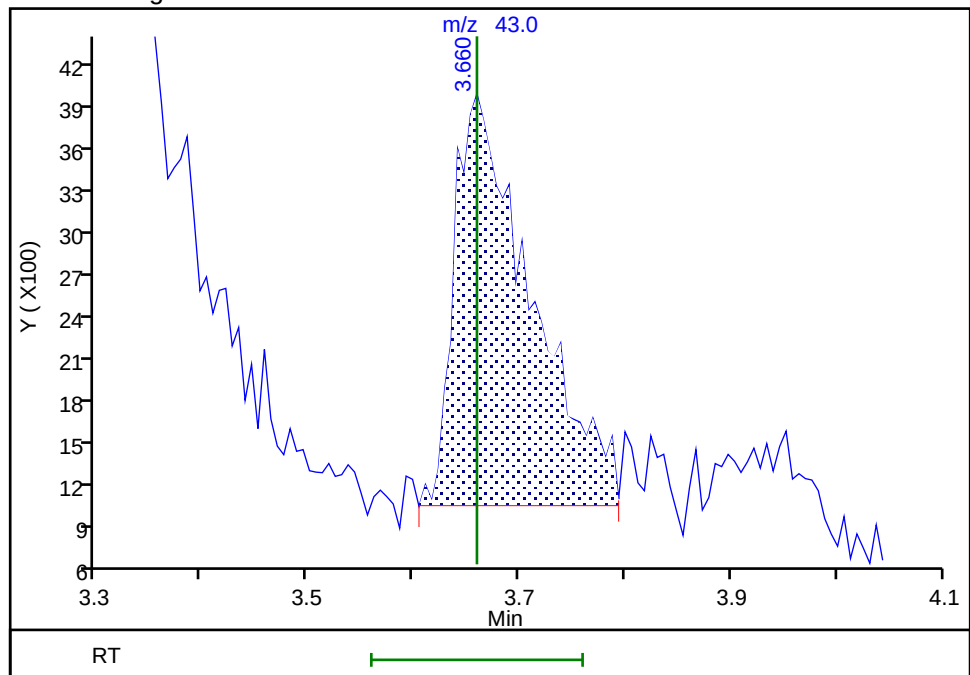
RT: 3.66
Area: 14433
Amount: 1.198005
Amount Units: ug/l

Processing Integration Results



RT: 3.66
Area: 14758
Amount: 1.831474
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 00:00:39 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

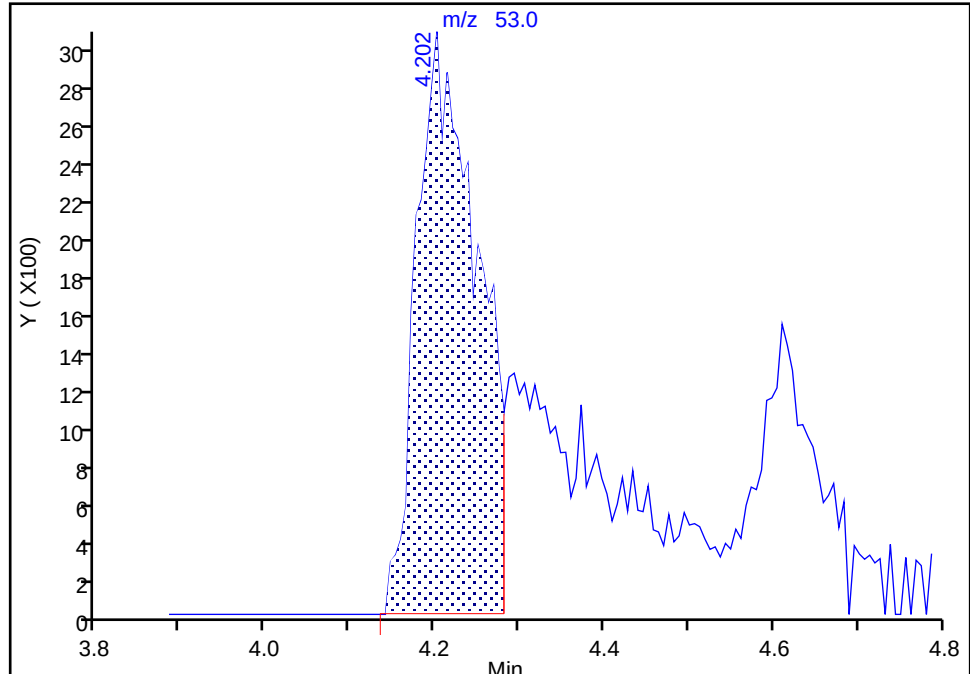
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Injection Date: 27-Oct-2025 19:47:30 Instrument ID: 19094
Lims ID: IC std6 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

30 Acrylonitrile, CAS: 107-13-1

Signal: 1

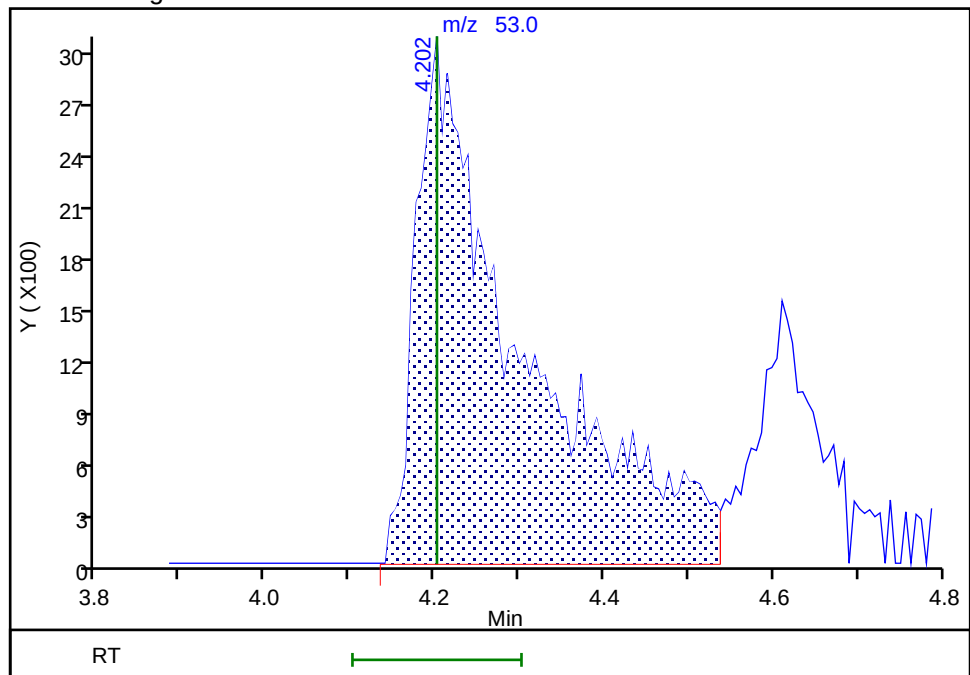
RT: 4.20
Area: 15059
Amount: 4.728833
Amount Units: ug/l

Processing Integration Results



RT: 4.20
Area: 25772
Amount: 6.063264
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 00:01:08 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

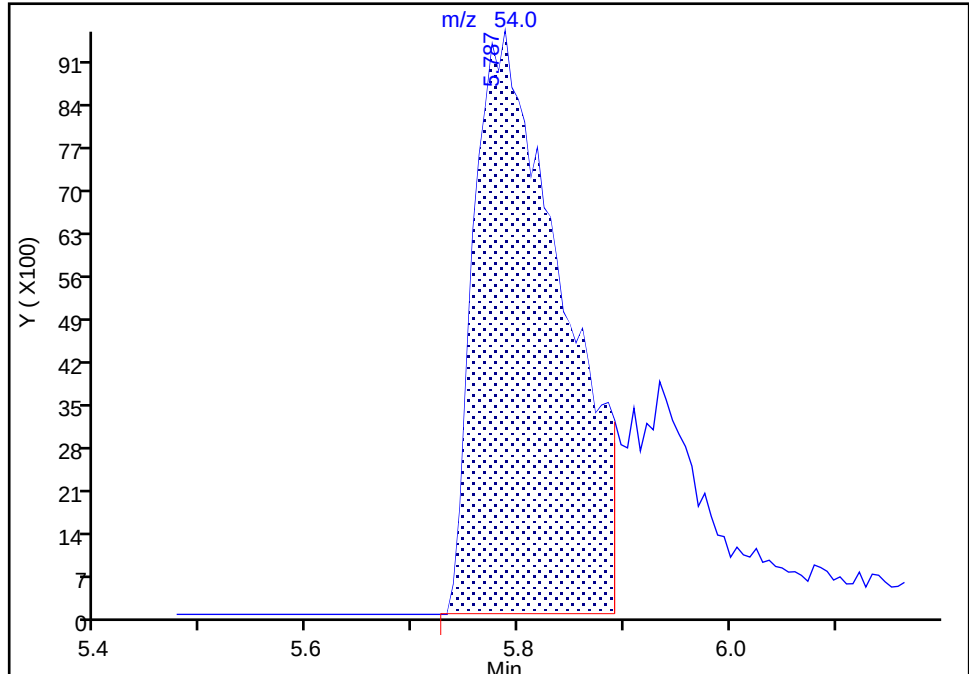
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Injection Date: 27-Oct-2025 19:47:30 Instrument ID: 19094
Lims ID: IC std6 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

44 Propionitrile, CAS: 107-12-0

Signal: 1

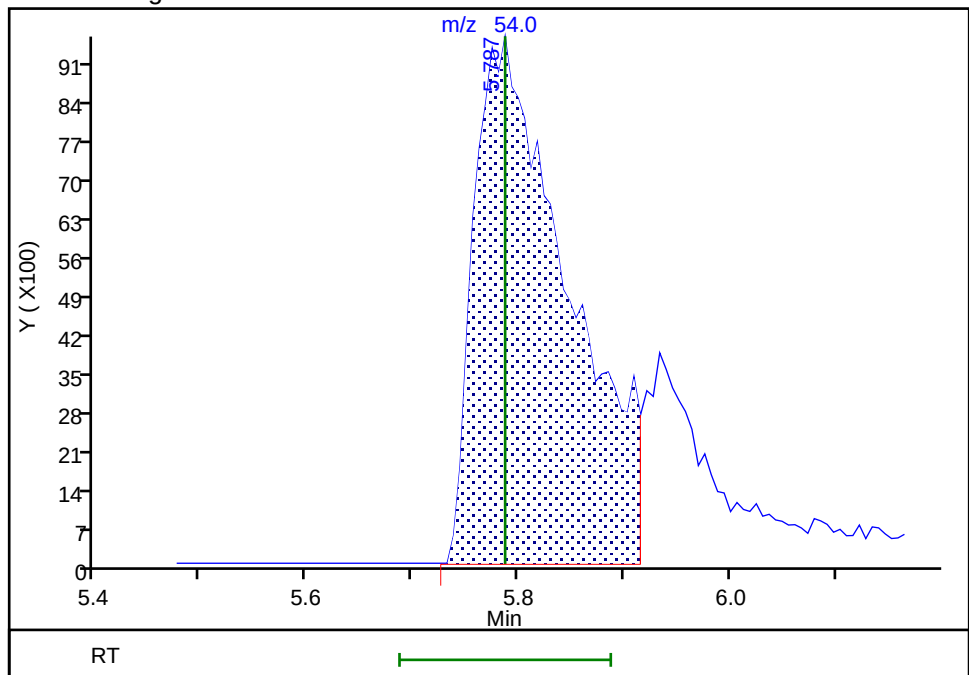
RT: 5.79
Area: 55230
Amount: 44.617571
Amount Units: ug/l

Processing Integration Results



RT: 5.79
Area: 59449
Amount: 44.079363
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 00:01:19 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

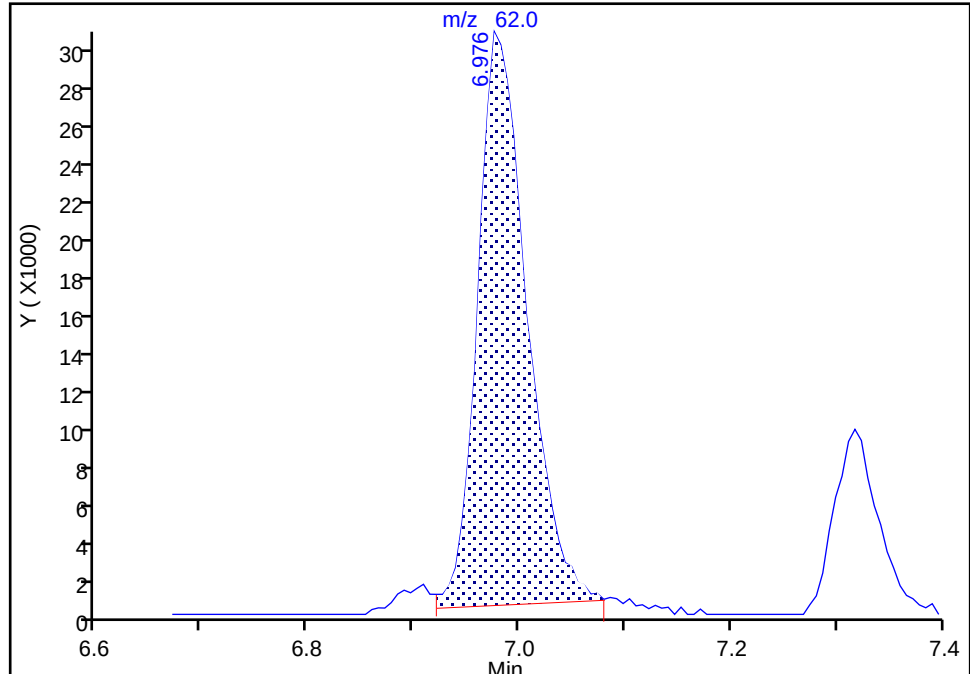
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Injection Date: 27-Oct-2025 19:47:30 Instrument ID: 19094
Lims ID: IC std6 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

60 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

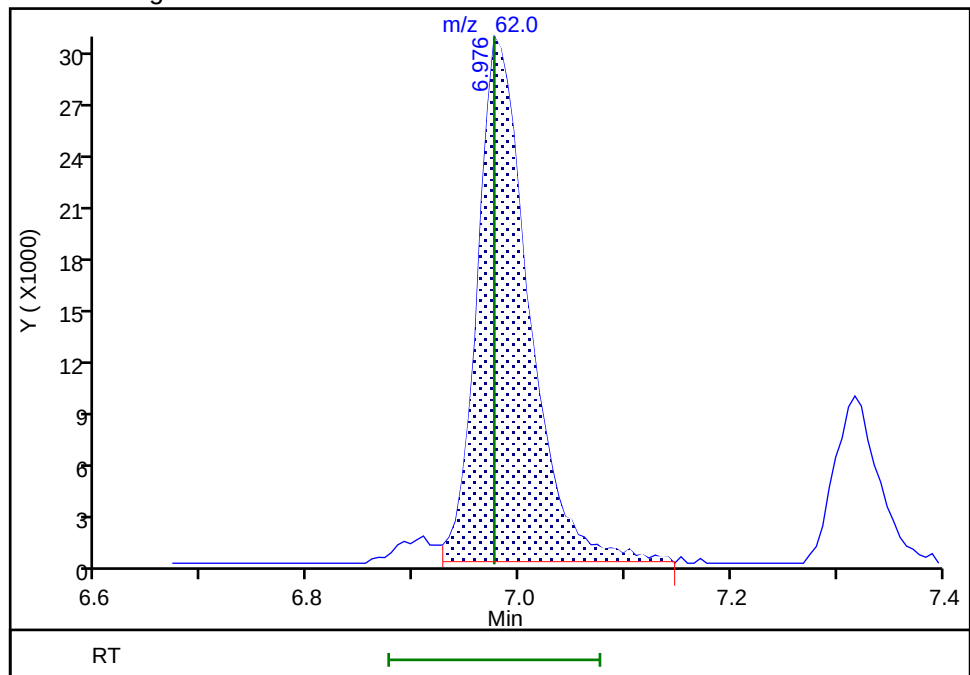
RT: 6.98
Area: 96342
Amount: 2.103521
Amount Units: ug/l

Processing Integration Results



RT: 6.98
Area: 102830
Amount: 2.048097
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 00:02:03 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

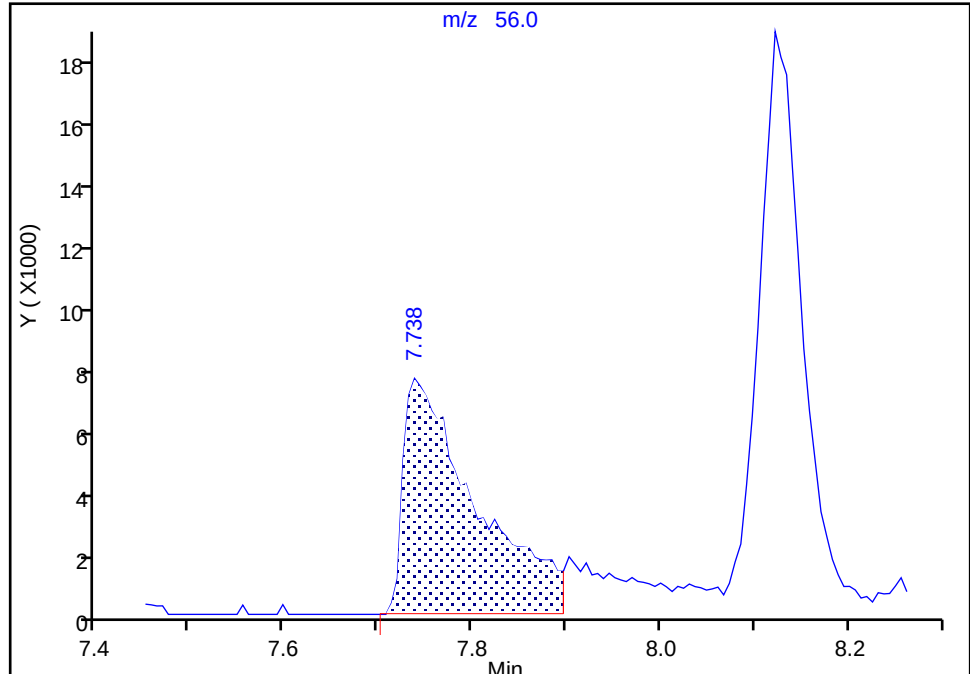
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Injection Date: 27-Oct-2025 19:47:30 Instrument ID: 19094
Lims ID: IC std6 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

66 n-Butanol, CAS: 71-36-3

Signal: 1

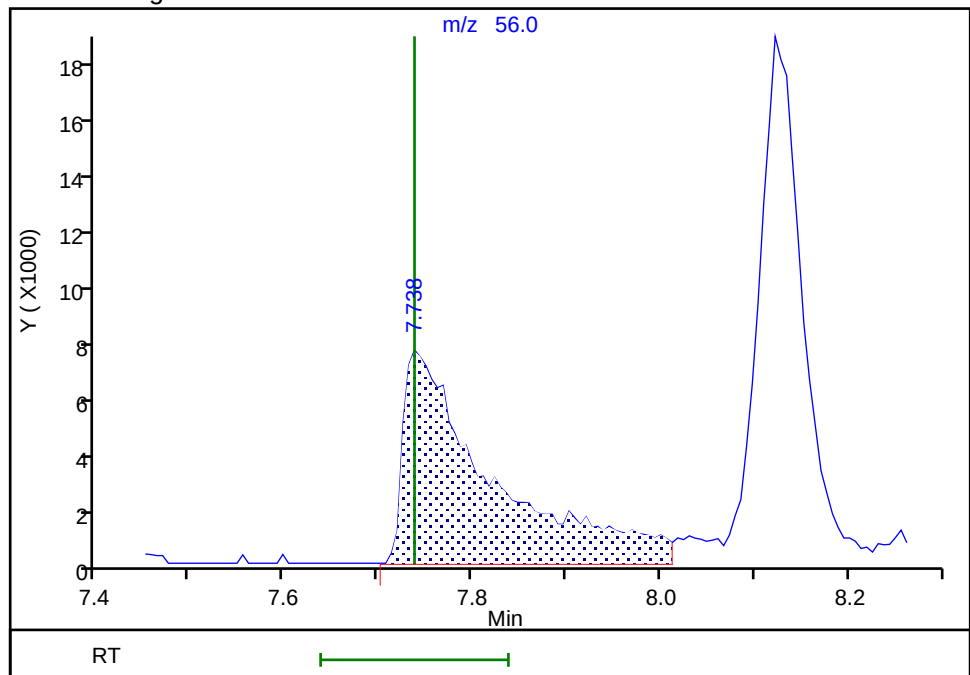
RT: 7.74
Area: 40955
Amount: 181.9170
Amount Units: ug/l

Processing Integration Results



RT: 7.74
Area: 49253
Amount: 201.2884
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 00:02:36 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

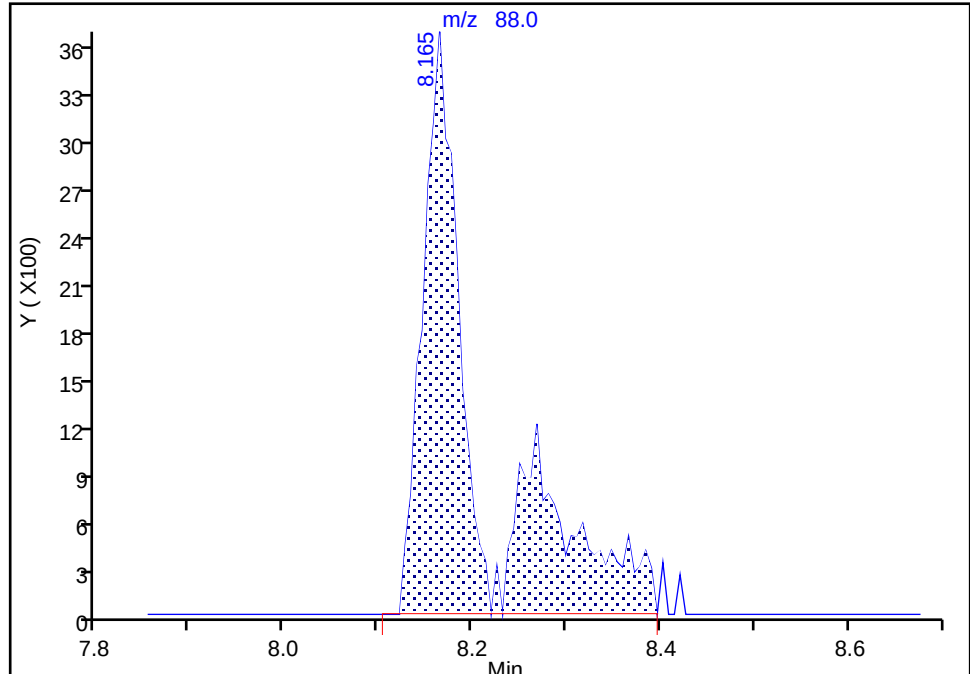
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Injection Date: 27-Oct-2025 19:47:30 Instrument ID: 19094
Lims ID: IC std6 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

73 1,4-Dioxane, CAS: 123-91-1

Signal: 1

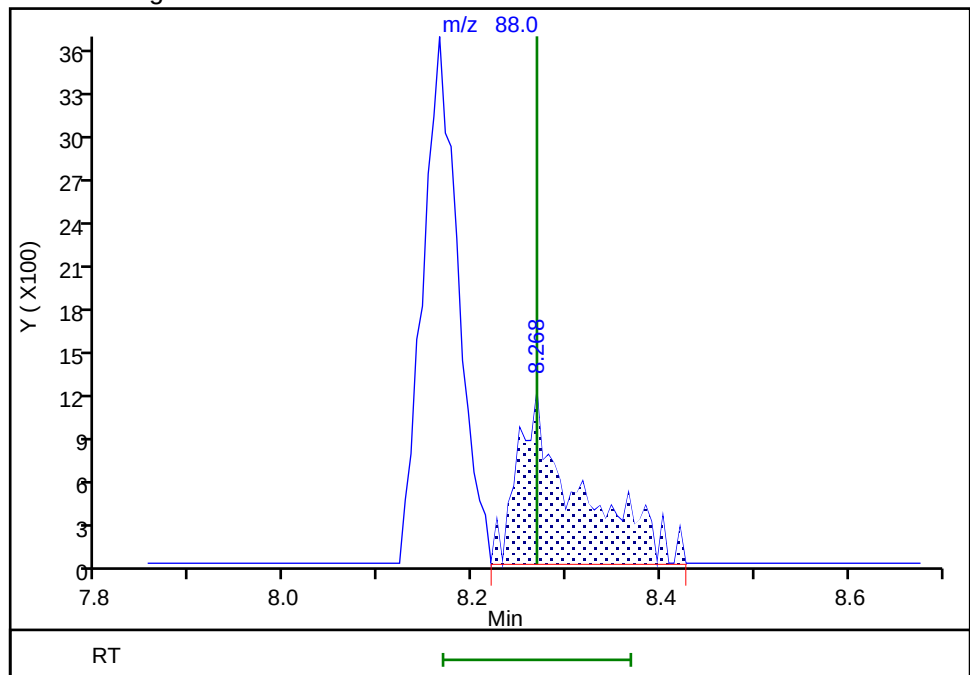
RT: 8.16
Area: 14757
Amount: 276.4226
Amount Units: ug/l

Processing Integration Results



RT: 8.27
Area: 5373
Amount: 127.8292
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 03:28:05 -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\19094\20251027-164600.b\HC27X18.D
 Lims ID: IC std7 5
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 27-Oct-2025 20:07:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0164600-019
 Misc. Info.: IC STD7 5
 Operator ID: ecr105096 Instrument ID: 19094
 Sublist: chrom-MSV_19094_25mL*sub1
 Method: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 29-Oct-2025 10:18:43 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JS6E

Date: 27-Oct-2025 22:04:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.819	1.819	0.001	100	372469	5.00	4.73	
5 Chloromethane	50	2.001	2.007	-0.006	99	434710	5.00	4.83	
6 Butadiene	39	2.093	2.093	0.000	92	454188	5.00	4.78	
7 Vinyl chloride	62	2.111	2.111	0.000	98	404517	5.00	4.73	
9 Bromomethane	94	2.416	2.416	0.000	90	264298	5.00	4.78	M
10 Chloroethane	64	2.459	2.459	0.000	100	217500	5.00	4.78	
11 Dichlorofluoromethane	67	2.672	2.672	0.000	98	578265	5.00	4.61	
12 Trichlorofluoromethane	101	2.770	2.763	0.007	97	511138	5.00	4.73	
13 Ethyl ether	59	2.946	2.946	0.000	92	158366	5.00	5.14	
14 1,2-Dichloro-1,1,2-trifluoroetha	67	3.032	3.026	0.006	93	341099	5.00	4.71	
16 Acrolein	56	3.099	3.105	-0.006	99	1024928	244.0	268.9	
17 1,1-Dichloroethene	96	3.227	3.227	0.000	98	239550	5.00	4.95	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.270	3.269	0.001	94	256071	5.00	5.13	
19 Acetone	43	3.263	3.276	-0.013	51	222856	50.0	49.5	M
20 Iodomethane	142	3.404	3.404	0.000	99	444200	5.00	5.01	
22 Ethyl bromide	108	3.428	3.434	-0.006	99	219480	4.99	4.95	
23 Carbon disulfide	76	3.507	3.513	-0.006	100	674677	5.00	4.90	
25 3-Chloro-1-propene	41	3.654	3.654	0.000	91	417487	5.00	4.96	
24 Methyl acetate	43	3.654	3.660	-0.006	24	46654	5.00	5.41	M
27 Methylene Chloride	84	3.824	3.830	-0.006	92	244128	5.00	5.00	
* 28 t-Butyl alcohol-d10 (IS)	65	3.830	3.836	-0.006	97	62212	50.0	50.0	
29 2-Methyl-2-propanol	59	3.928	3.934	-0.006	99	108073	100.0	100.8	M
31 Methyl tert-butyl ether	73	4.190	4.196	-0.006	95	540494	5.00	5.04	
30 Acrylonitrile	53	4.178	4.202	-0.024	98	72925	12.5	12.6	M
33 trans-1,2-Dichloroethene	96	4.208	4.208	0.000	98	268874	5.00	5.03	
34 Hexane	57	4.623	4.617	0.006	93	384666	5.00	5.06	
35 1,1-Dichloroethane	63	4.855	4.854	0.001	96	507612	5.00	5.10	
37 Isopropyl ether	45	4.916	4.909	0.007	94	821339	5.00	5.14	
38 2-Chloro-1,3-butadiene	53	4.964	4.964	0.000	92	439263	5.00	4.99	
39 Tert-butyl ethyl ether	59	5.452	5.458	-0.006	98	725905	5.00	5.04	

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	5.671	5.690	-0.019	100	382058	50.0	48.7	
42 cis-1,2-Dichloroethene	96	5.702	5.702	0.000	83	289337	5.00	5.11	
43 2,2-Dichloropropane	77	5.714	5.720	-0.006	88	443666	5.00	4.98	
44 Propionitrile	54	5.781	5.787	-0.006	98	157580	100.0	101.1	M
46 Methacrylonitrile	67	5.964	5.970	-0.006	92	461781	50.0	56.8	
47 Chlorobromomethane	128	6.037	6.043	-0.006	95	109792	5.00	5.13	
48 Tetrahydrofuran	71	6.049	6.043	0.006	86	61684	25.0	27.1	
S 49 1,2-Dichloroethene, Total	100				0			10.1	
50 Chloroform	83	6.190	6.190	0.000	94	489444	5.00	5.04	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.409	0.000	93	462161	10.0	10.1	
52 1,1,1-Trichloroethane	97	6.421	6.421	0.000	99	455059	5.00	4.97	
54 Cyclohexane	56	6.531	6.531	0.000	91	502830	5.00	4.91	
55 1,1-Dichloropropene	75	6.641	6.641	0.000	95	407242	5.00	5.09	
56 Carbon tetrachloride	117	6.641	6.647	-0.006	96	395573	5.00	5.14	
57 Isobutyl alcohol	41	6.805	6.811	-0.006	93	104267	250.0	226.8	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.866	6.872	-0.006	98	84955	10.0	10.1	
59 Benzene	78	6.903	6.903	0.000	97	1138048	5.00	4.91	
60 1,2-Dichloroethane	62	6.976	6.976	0.000	97	262426	5.00	5.09	
62 Tert-amyl methyl ether	73	7.104	7.110	-0.006	98	611578	5.00	5.08	
* 64 Fluorobenzene (IS)	96	7.318	7.317	0.001	98	1995997	10.0	10.0	
65 n-Heptane	43	7.348	7.342	0.006	92	375652	5.00	4.84	
66 n-Butanol	56	7.732	7.738	-0.006	88	107158	437.5	369.2	M
67 Trichloroethene	95	7.811	7.817	-0.006	98	308107	5.00	5.06	
69 Methylcyclohexane	83	8.128	8.128	0.000	91	521282	5.00	5.02	
70 1,2-Dichloropropane	63	8.141	8.147	-0.006	86	282804	5.00	5.19	
71 2-ethoxy-2-methyl butane	87	8.165	8.165	0.000	92	429655	5.00	5.18	
72 Methyl methacrylate	69	8.250	8.256	-0.006	90	95538	5.00	5.77	
74 Dibromomethane	93	8.256	8.262	-0.006	97	108057	5.00	5.05	
73 1,4-Dioxane	88	8.262	8.268	-0.006	28	10574	250.0	235.0	M
76 Dichlorobromomethane	83	8.500	8.506	-0.006	99	320094	5.00	5.13	
77 2-Nitropropane	41	8.768	8.768	0.000	99	145583	25.0	25.7	
79 1-Bromo-2-chloroethane	63	8.903	8.902	0.001	99	235442	5.00	5.11	
80 cis-1,3-Dichloropropene	75	9.073	9.073	0.000	95	372674	5.00	5.18	
81 4-Methyl-2-pentanone (MIBK)	43	9.256	9.256	0.000	97	1198188	50.0	54.2	
\$ 82 Toluene-d8 (Surr)	98	9.402	9.402	0.000	94	2021130	10.0	10.1	
84 Toluene	92	9.482	9.482	0.000	98	749248	5.00	5.00	
85 trans-1,3-Dichloropropene	75	9.762	9.768	-0.006	94	287430	5.00	5.26	
86 Ethyl methacrylate	69	9.835	9.841	-0.006	89	211377	5.00	5.42	
87 1,1,2-Trichloroethane	97	9.976	9.975	0.001	91	156402	5.00	5.03	
S 106 1,3-Dichloropropene, Total	100				0			10.4	
107 Tetrachloroethene	166	10.067	10.067	0.000	97	341761	5.00	5.05	
108 1,3-Dichloropropane	76	10.140	10.146	-0.006	91	278496	5.00	5.12	
109 2-Hexanone	43	10.201	10.201	0.000	97	795635	50.0	56.6	
111 Chlorodibromomethane	129	10.366	10.366	0.000	90	201933	5.00	5.06	
112 Ethylene Dibromide	107	10.482	10.481	0.001	99	143476	5.00	5.10	
* 113 Chlorobenzene-d5 (IS)	117	10.927	10.926	0.001	88	1421082	10.0	10.0	
114 1-Chlorohexane	91	10.939	10.945	-0.006	98	417012	5.00	4.80	
115 Chlorobenzene	112	10.951	10.951	0.000	94	787095	5.00	5.12	
116 1,1,1,2-Tetrachloroethane	131	11.036	11.036	0.000	96	262936	5.00	5.05	
117 Ethylbenzene	91	11.042	11.042	0.000	99	1493902	5.00	5.12	
118 m-Xylene & p-Xylene	106	11.164	11.164	0.000	100	1155227	10.0	10.1	
S 119 Xylenes, Total	106				0			15.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
120 o-Xylene	106	11.500	11.500	0.000	97	548992	5.00	5.12	
121 Styrene	104	11.518	11.518	0.000	95	878460	5.00	5.23	
122 Bromoform	173	11.670	11.676	-0.006	96	106702	5.00	5.16	
123 Isopropylbenzene	105	11.804	11.804	0.000	96	1483727	5.00	5.06	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	725192	10.0	10.1	
127 1,1,2,2-Tetrachloroethane	83	12.054	12.054	0.000	93	185269	5.00	4.99	
128 Bromobenzene	156	12.067	12.067	0.001	97	304191	5.00	5.03	
129 trans-1,4-Dichloro-2-butene	53	12.079	12.079	0.000	92	422467	50.0	55.3	
130 1,2,3-Trichloropropane	110	12.097	12.097	0.000	79	49348	5.00	4.99	
131 N-Propylbenzene	91	12.140	12.140	0.000	99	1786219	5.00	5.08	
132 2-Chlorotoluene	126	12.213	12.213	0.000	96	337918	5.00	5.08	
133 1,3,5-Trimethylbenzene	105	12.280	12.280	0.000	93	1254560	5.00	5.03	
134 4-Chlorotoluene	126	12.310	12.310	0.000	98	342977	5.00	5.06	
135 tert-Butylbenzene	134	12.518	12.518	0.000	93	263930	5.00	4.92	
136 Pentachloroethane	167	12.554	12.554	0.000	94	188076	5.00	5.18	
137 1,2,4-Trimethylbenzene	105	12.566	12.566	0.000	98	1294173	5.00	5.09	
138 sec-Butylbenzene	105	12.688	12.688	0.000	94	1598981	5.00	5.14	
139 1,3-Dichlorobenzene	146	12.786	12.786	0.000	98	635690	5.00	5.18	
140 4-Isopropyltoluene	119	12.798	12.798	0.000	97	1373140	5.00	5.11	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	95	799601	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.859	12.859	0.000	94	636985	5.00	5.05	
143 1,2,3-Trimethylbenzene	120	12.871	12.871	0.000	99	532358	5.00	5.08	
144 Benzyl chloride	126	12.938	12.938	0.000	99	75994	5.00	5.30	
145 p-Diethylbenzene	119	13.072	13.072	0.000	93	815737	5.00	5.12	
146 n-Butylbenzene	92	13.091	13.091	0.000	97	667572	5.00	5.17	
147 1,2-Dichlorobenzene	146	13.115	13.115	0.000	98	556292	5.00	5.14	
148 1,2-Dibromo-3-Chloropropane	155	13.664	13.664	0.000	85	24022	5.00	5.31	
150 1,3,5-Trichlorobenzene	180	13.792	13.792	0.000	97	439997	5.00	5.08	
151 1,2,4-Trichlorobenzene	180	14.213	14.212	0.000	94	347973	5.00	5.22	
152 Hexachlorobutadiene	225	14.298	14.298	0.000	97	145177	5.00	4.97	
153 Naphthalene	128	14.389	14.389	0.000	97	565133	5.00	5.10	
154 1,2,3-Trichlorobenzene	180	14.530	14.536	-0.006	95	279269	5.00	5.13	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#1_826_00182

Amount Added: 5.00

Units: uL

MSV_LL_GAS826_00295

Amount Added: 5.00

Units: uL

MSV_LL_#2_826_00196

Amount Added: 5.00

Units: uL

MSV_LLcentISS_00019

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 29-Oct-2025 10:18:44

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X18.D

Injection Date: 27-Oct-2025 20:07:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: IC std7 5

Worklist Smp#: 19

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

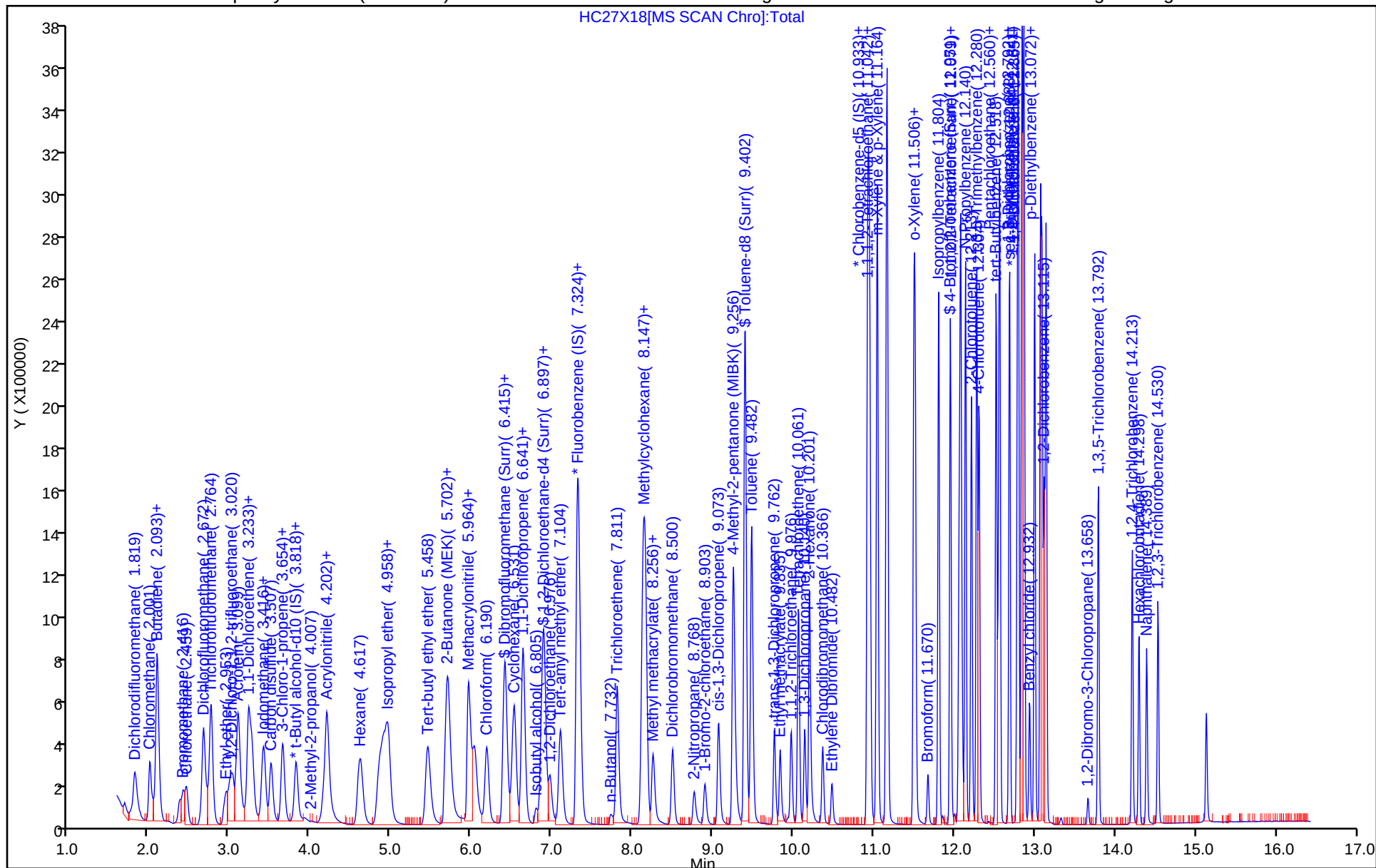
ALS Bottle#: 18

Method: MSV_19094_25mL

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

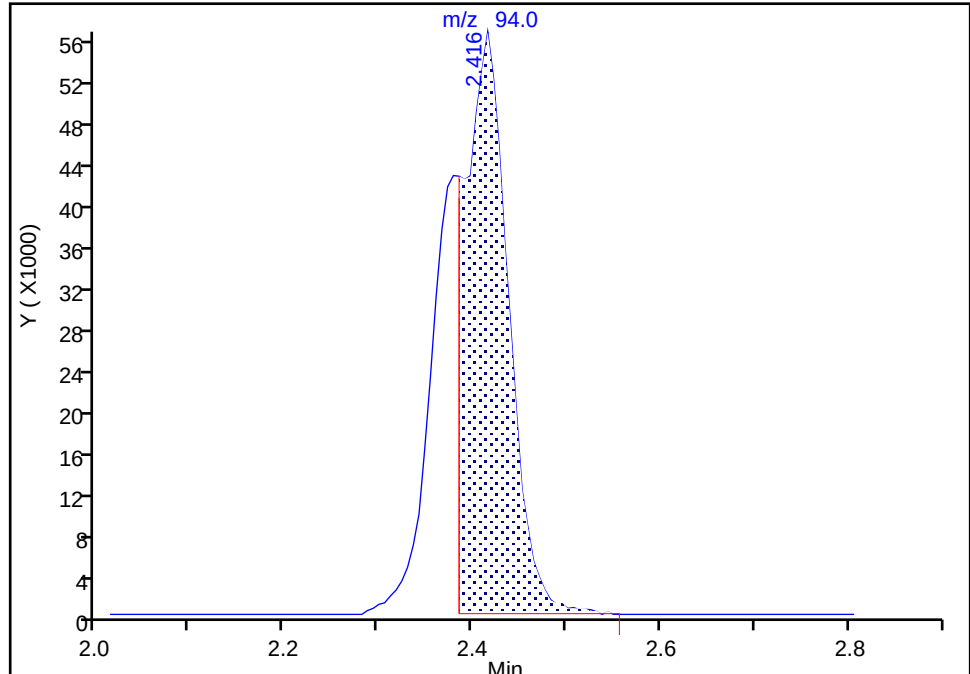
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Injection Date: 27-Oct-2025 20:07:30 Instrument ID: 19094
Lims ID: IC std7 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

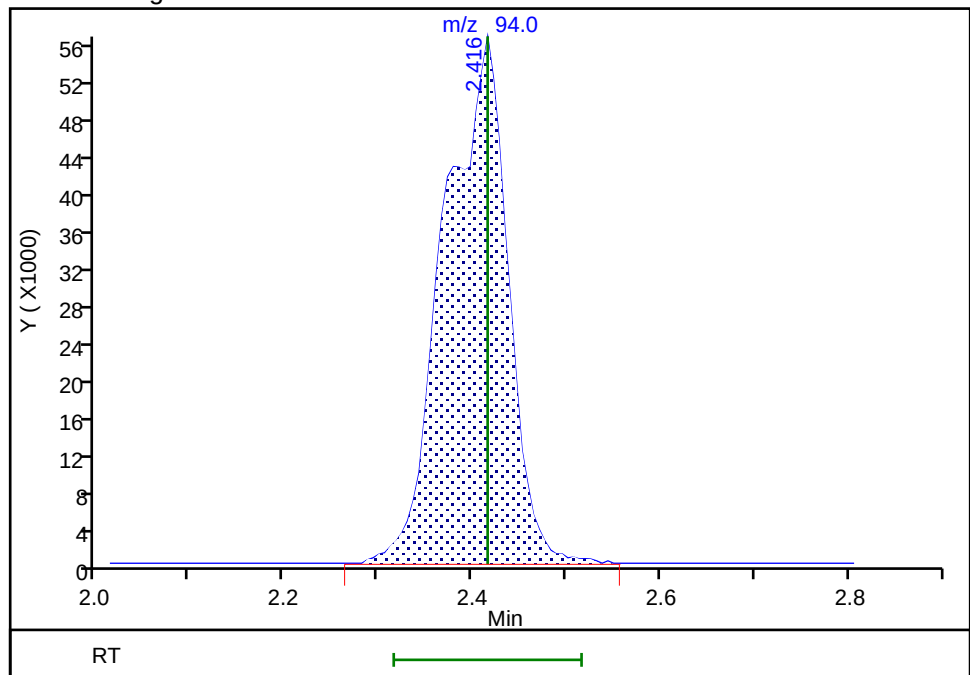
RT: 2.42
Area: 183360
Amount: 4.108722
Amount Units: ug/l

Processing Integration Results



RT: 2.42
Area: 264298
Amount: 4.775281
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 23:55:16 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

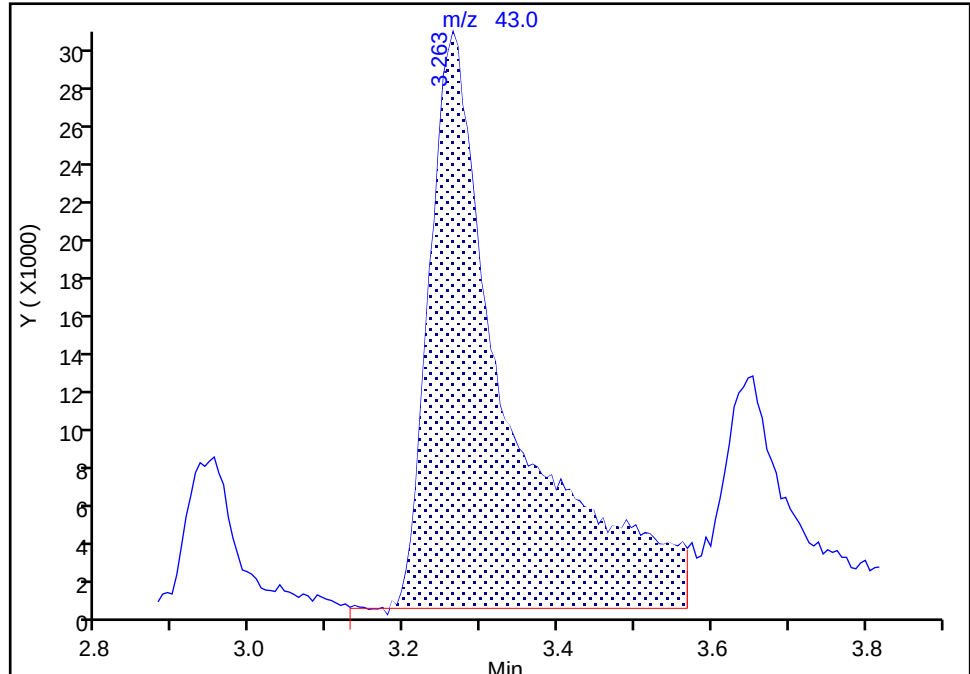
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Injection Date: 27-Oct-2025 20:07:30 Instrument ID: 19094
Lims ID: IC std7 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

19 Acetone, CAS: 67-64-1

Signal: 1

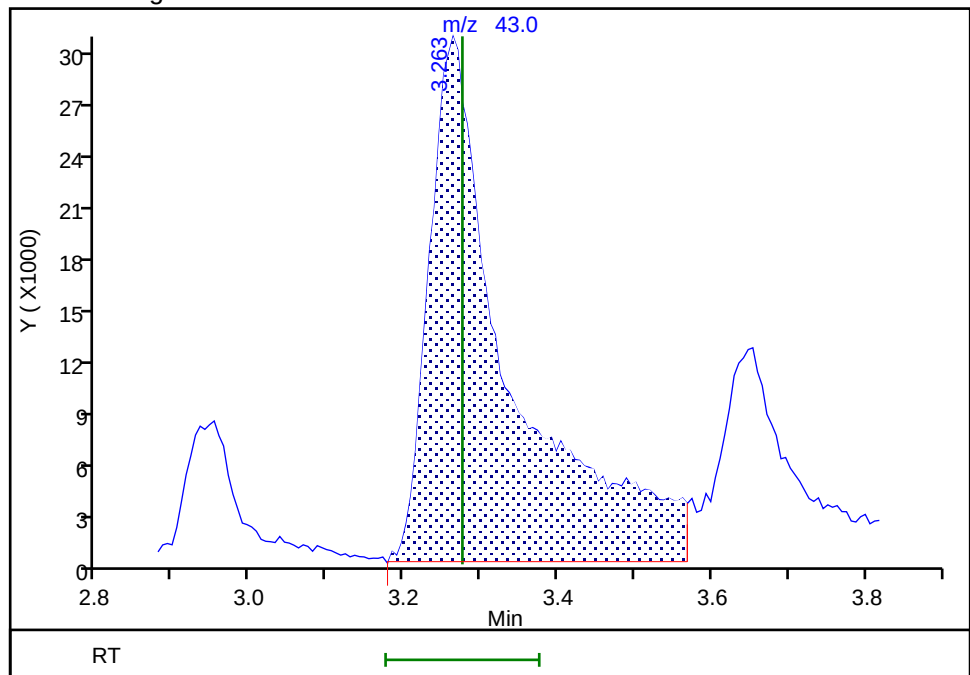
RT: 3.26
Area: 215227
Amount: 43.797266
Amount Units: ug/l

Processing Integration Results



RT: 3.26
Area: 222856
Amount: 49.511676
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:58:06 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

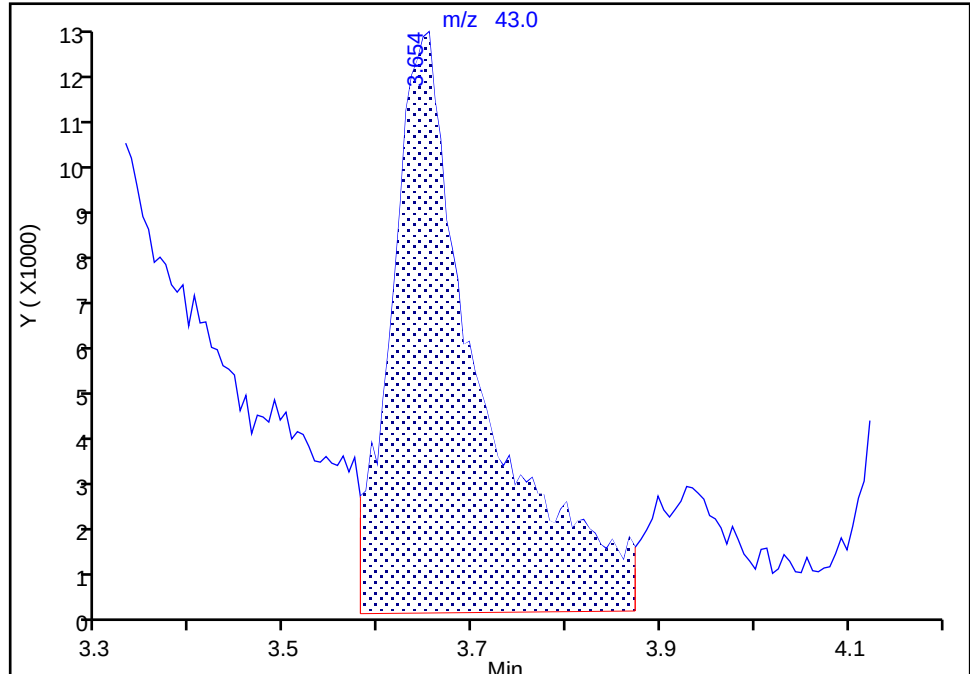
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Injection Date: 27-Oct-2025 20:07:30 Instrument ID: 19094
Lims ID: IC std7 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

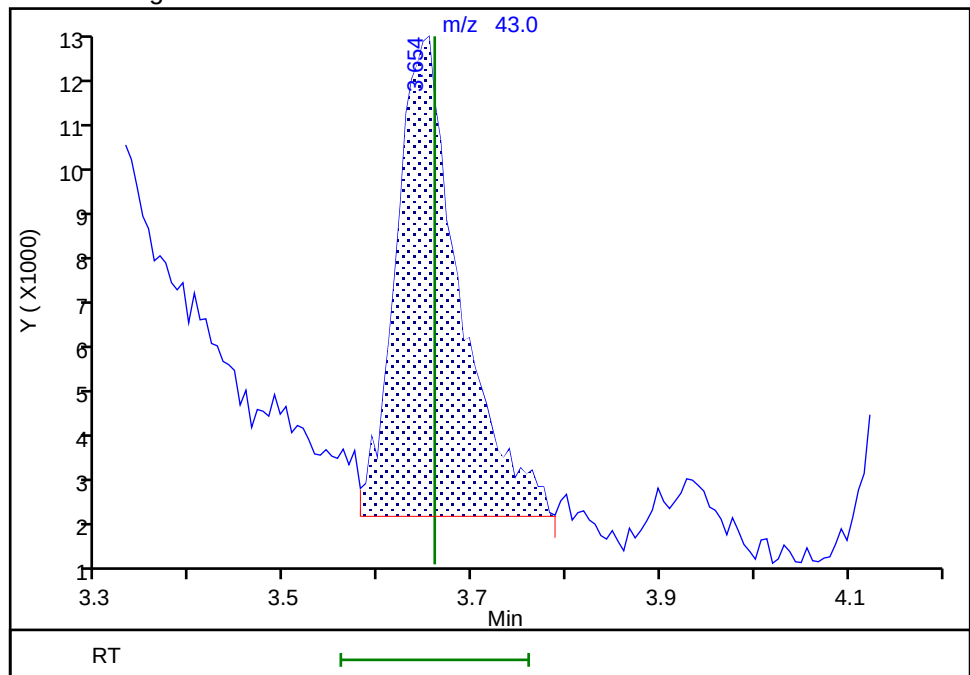
RT: 3.65
Area: 77985
Amount: 5.738130
Amount Units: ug/l

Processing Integration Results



RT: 3.65
Area: 46654
Amount: 5.409515
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 23:55:41 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

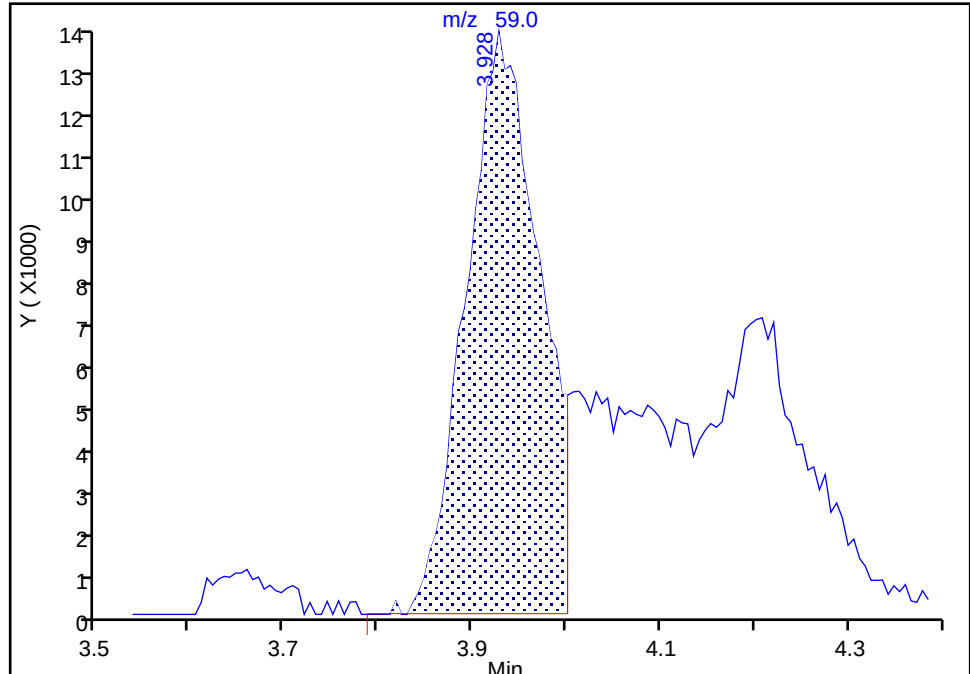
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Injection Date: 27-Oct-2025 20:07:30 Instrument ID: 19094
Lims ID: IC std7 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

29 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

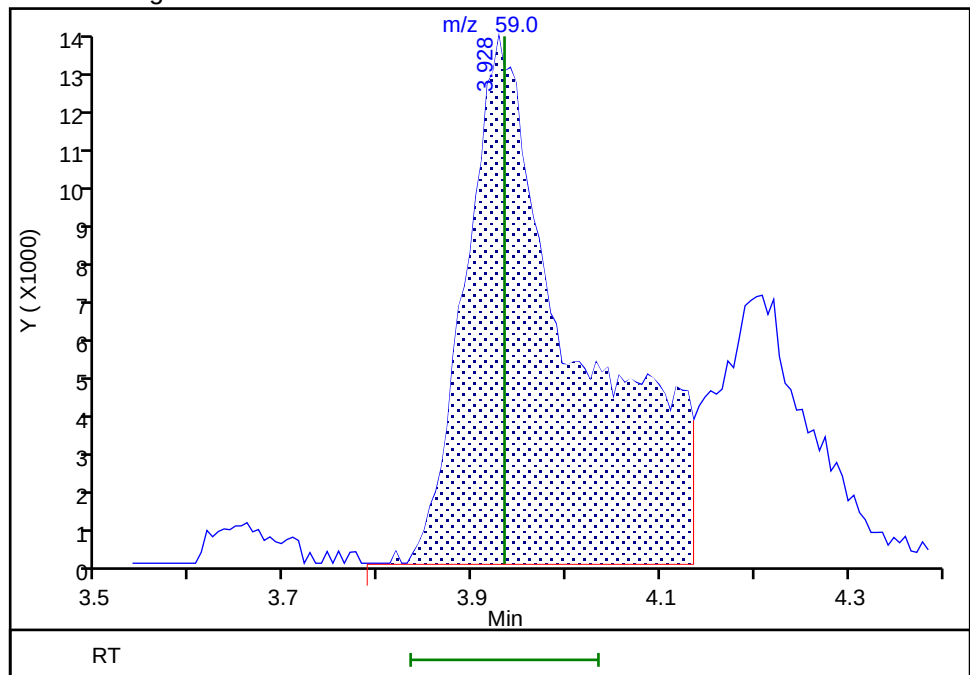
RT: 3.93
Area: 71731
Amount: 76.013509
Amount Units: ug/l

Processing Integration Results



RT: 3.93
Area: 108073
Amount: 100.8074
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 23:56:49 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

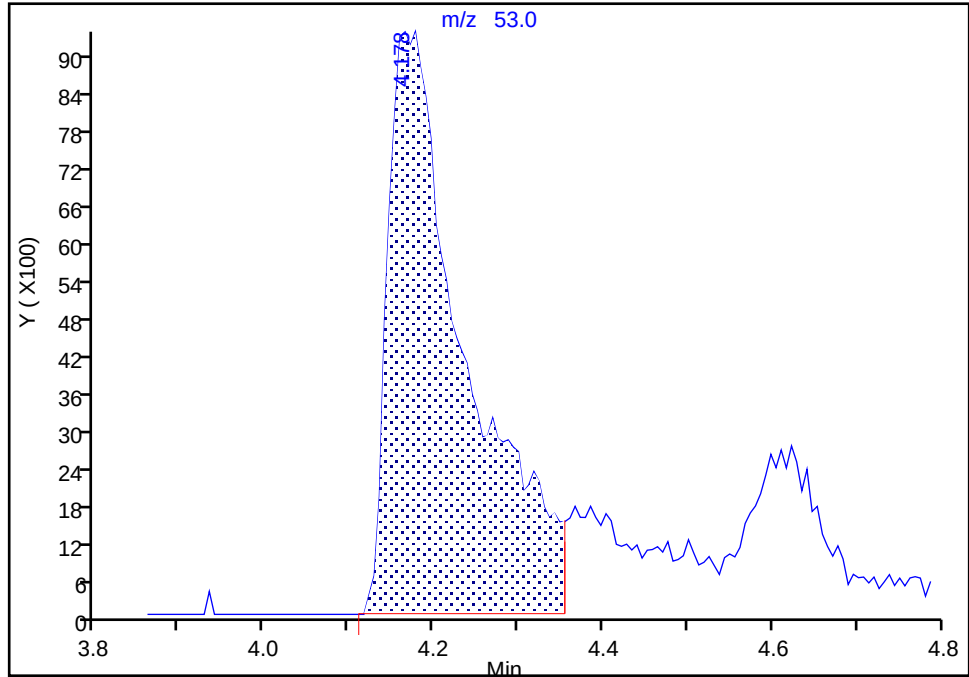
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Injection Date: 27-Oct-2025 20:07:30 Instrument ID: 19094
Lims ID: IC std7 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

30 Acrylonitrile, CAS: 107-13-1

Signal: 1

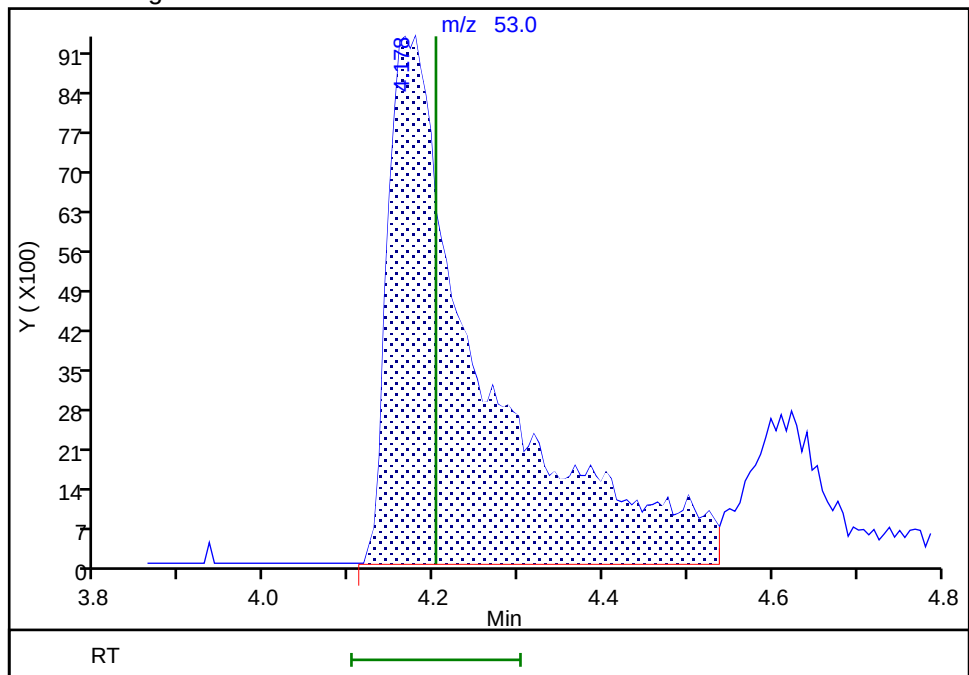
RT: 4.18
Area: 60195
Amount: 11.308625
Amount Units: ug/l

Processing Integration Results



RT: 4.18
Area: 72925
Amount: 12.619590
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 23:57:22 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

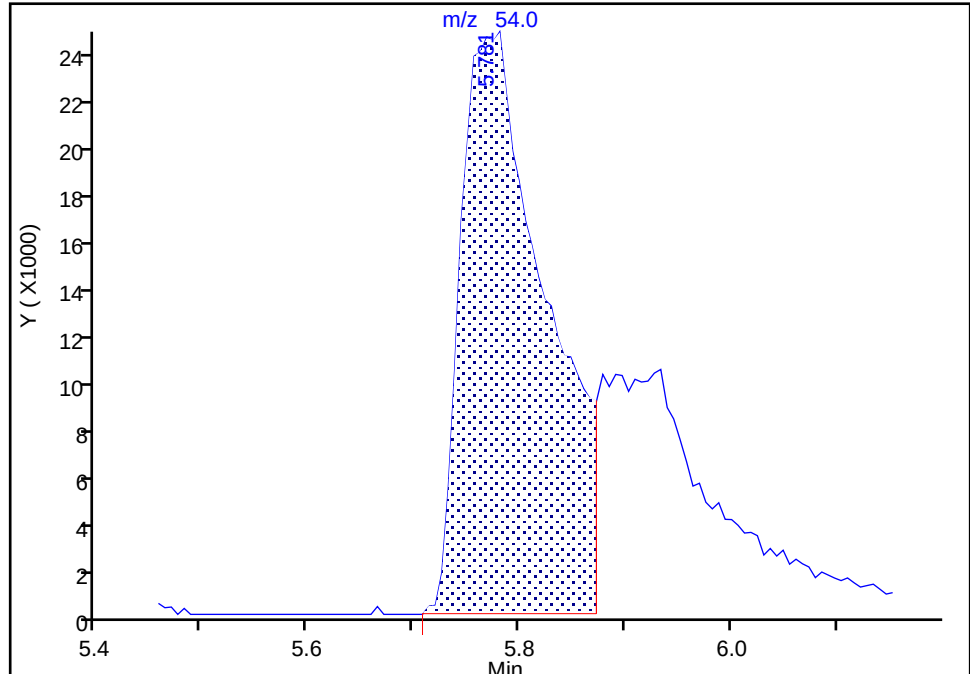
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Injection Date: 27-Oct-2025 20:07:30 Instrument ID: 19094
Lims ID: IC std7 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

44 Propionitrile, CAS: 107-12-0

Signal: 1

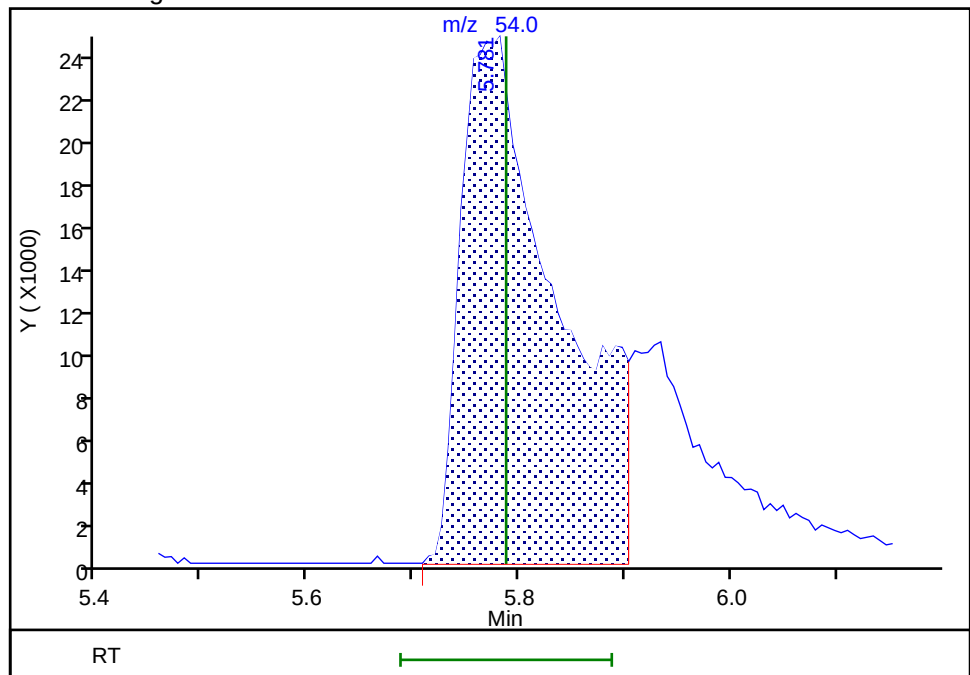
RT: 5.78
Area: 139423
Amount: 107.6952
Amount Units: ug/l

Processing Integration Results



RT: 5.78
Area: 157580
Amount: 101.1426
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 23:58:12 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

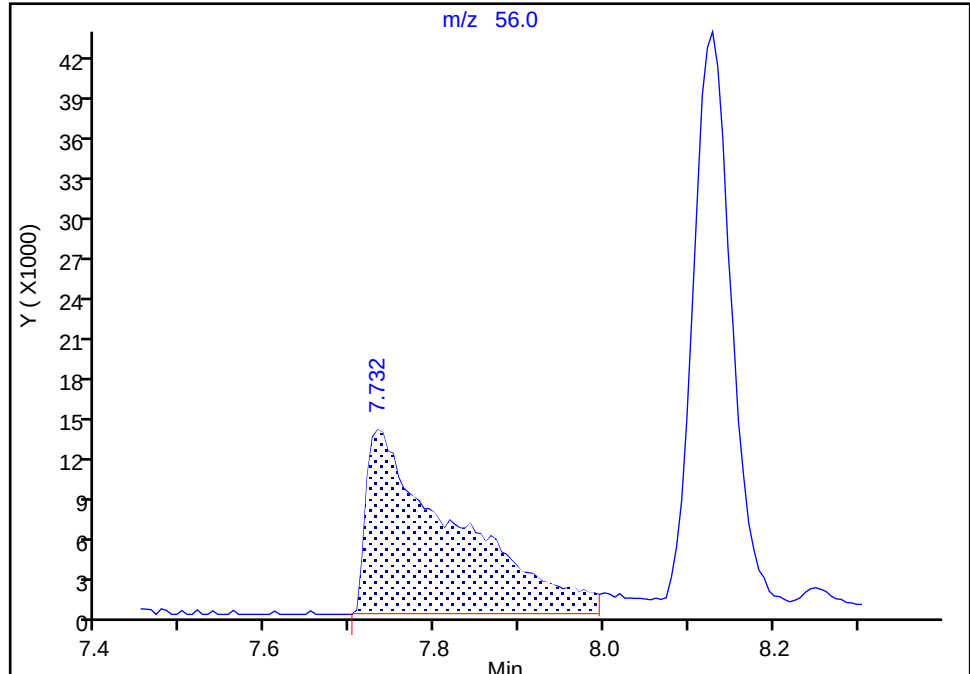
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Injection Date: 27-Oct-2025 20:07:30 Instrument ID: 19094
Lims ID: IC std7 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

66 n-Butanol, CAS: 71-36-3

Signal: 1

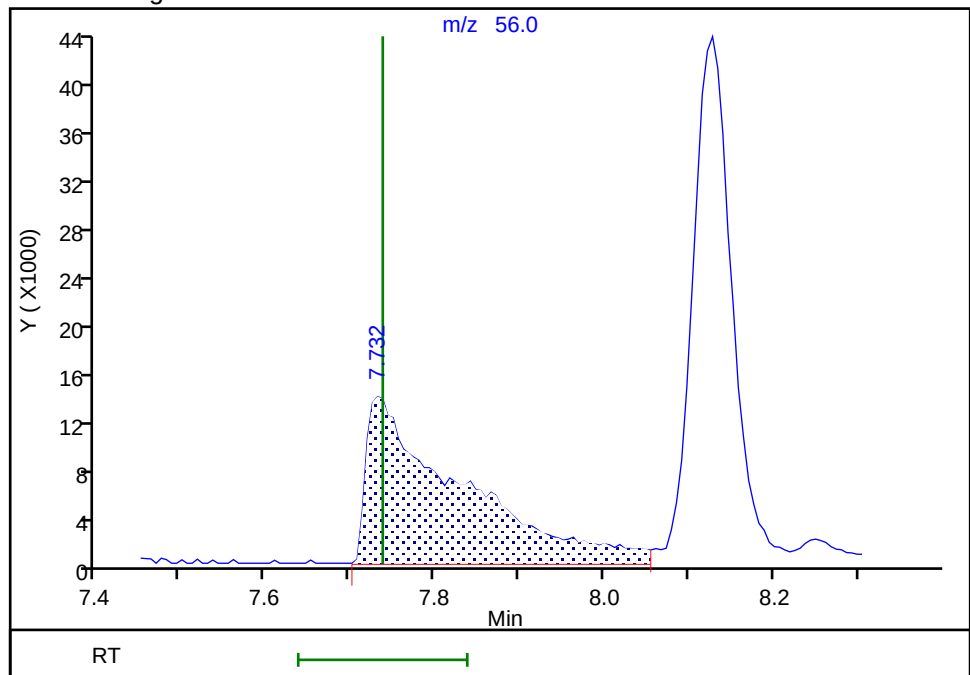
RT: 7.73
Area: 102353
Amount: 356.6288
Amount Units: ug/l

Processing Integration Results



RT: 7.73
Area: 107158
Amount: 369.2153
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 03:25:21 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

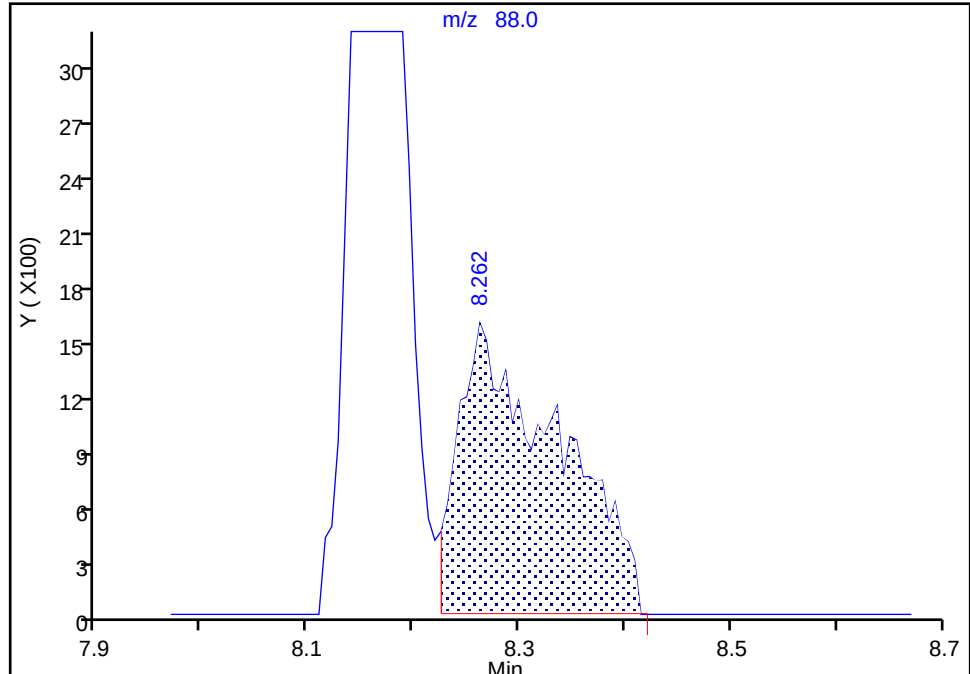
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Injection Date: 27-Oct-2025 20:07:30 Instrument ID: 19094
Lims ID: IC std7 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

73 1,4-Dioxane, CAS: 123-91-1

Signal: 1

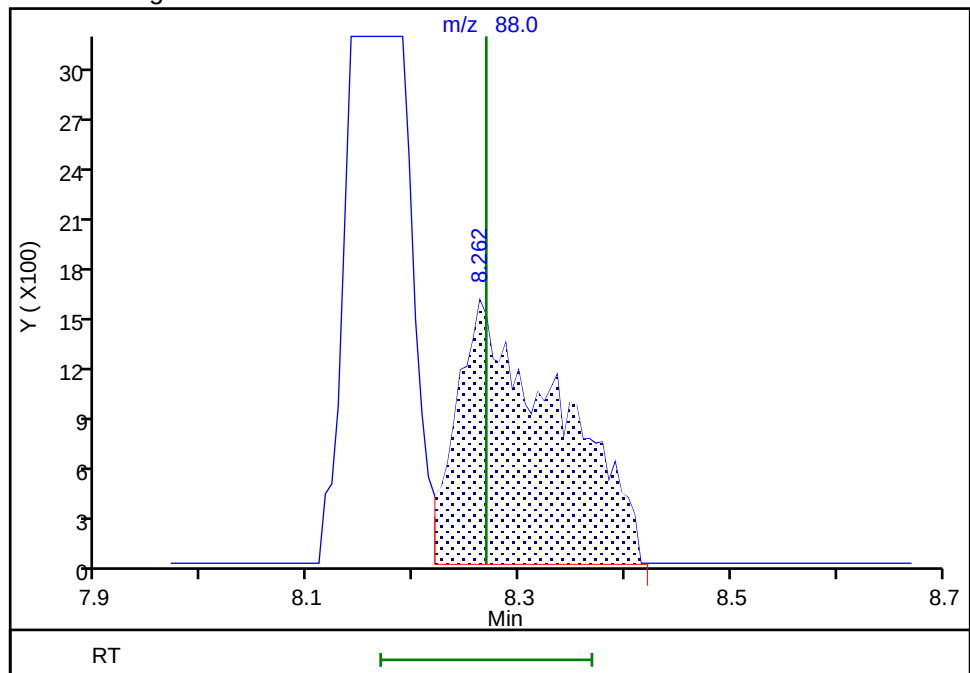
RT: 8.26
Area: 10426
Amount: 229.0516
Amount Units: ug/l

Processing Integration Results



RT: 8.26
Area: 10574
Amount: 235.0437
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 03:28:20 -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\19094\20251027-164600.b\copy_HC27X19.D
 Lims ID: ICIS 10
 Client ID:
 Sample Type: ICIS Calib Level: 8
 Inject. Date: 27-Oct-2025 20:28:30 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0164600-020
 Misc. Info.: IC STD8 10
 Operator ID: ecr105096 Instrument ID: 19094
 Sublist: chrom-MSV_19094_25mL*sub1
 Method: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 29-Oct-2025 10:18:56 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JS6E

Date: 27-Oct-2025 23:50:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.812	1.812	0.000	99	811766	10.0	10.0	
5 Chloromethane	50	1.995	1.995	0.000	99	903939	10.0	9.75	
6 Butadiene	39	2.081	2.081	0.000	92	964364	10.0	9.84	
7 Vinyl chloride	62	2.105	2.105	0.000	98	884971	10.0	10.0	
9 Bromomethane	94	2.410	2.410	0.000	91	568187	10.0	9.96	
10 Chloroethane	64	2.453	2.453	0.000	100	470933	10.0	10.0	
11 Dichlorofluoromethane	67	2.660	2.660	0.000	97	1255192	10.0	9.70	
12 Trichlorofluoromethane	101	2.757	2.757	0.000	98	1129337	10.0	10.1	
13 Ethyl ether	59	2.940	2.940	0.000	91	335643	10.0	10.6	
14 1,2-Dichloro-1,1,2-trifluoroetha	67	3.013	3.013	0.000	93	753026	10.0	10.1	
16 Acrolein	56	3.087	3.087	0.000	99	2183746	487.9	467.6	
17 1,1-Dichloroethene	96	3.221	3.221	0.000	98	497038	10.0	9.96	
19 Acetone	43	3.251	3.251	0.000	58	496392	100.0	90.0	M
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.257	3.257	0.000	93	531961	10.0	10.3	
20 Iodomethane	142	3.398	3.398	0.000	99	907793	10.0	9.94	
22 Ethyl bromide	108	3.422	3.422	0.000	98	456603	9.99	10.0	
23 Carbon disulfide	76	3.501	3.501	0.000	99	1395729	10.0	9.83	
24 Methyl acetate	43	3.629	3.629	0.000	97	110294	10.0	10.4	M
25 3-Chloro-1-propene	41	3.648	3.648	0.000	91	872039	10.0	10.0	
27 Methylene Chloride	84	3.812	3.812	0.000	92	499019	10.0	9.92	
* 28 t-Butyl alcohol-d10 (IS)	65	3.830	3.830	0.000	98	76229	50.0	50.0	
29 2-Methyl-2-propanol	59	3.934	3.934	0.000	99	287613	200.0	218.9	
30 Acrylonitrile	53	4.135	4.135	0.000	98	167553	25.0	21.8	
31 Methyl tert-butyl ether	73	4.178	4.178	0.000	96	1112095	10.0	10.1	
33 trans-1,2-Dichloroethene	96	4.196	4.196	0.000	98	560724	10.0	10.2	
34 Hexane	57	4.605	4.605	0.000	93	805226	10.0	10.3	
35 1,1-Dichloroethane	63	4.848	4.848	0.000	96	1039425	10.0	10.1	
37 Isopropyl ether	45	4.909	4.909	0.000	93	1690856	10.0	10.3	
38 2-Chloro-1,3-butadiene	53	4.958	4.958	0.000	92	925345	10.0	10.2	
39 Tert-butyl ethyl ether	59	5.452	5.452	0.000	98	1503413	10.0	10.1	

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	5.653	5.653	0.000	100	843089	100.0	86.6	
42 cis-1,2-Dichloroethene	96	5.696	5.696	0.000	83	598458	10.0	10.3	
43 2,2-Dichloropropane	77	5.708	5.708	0.000	88	914674	10.0	9.96	
44 Propionitrile	54	5.739	5.739	0.000	99	409567	200.0	198.8	
46 Methacrylonitrile	67	5.958	5.958	0.000	92	970115	100.0	97.4	
47 Chlorobromomethane	128	6.031	6.031	0.000	93	227941	10.0	10.3	
48 Tetrahydrofuran	71	6.043	6.043	0.000	79	130176	50.0	46.7	
50 Chloroform	83	6.190	6.190	0.000	94	1002160	10.0	10.0	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.409	0.000	93	472450	10.0	10.0	
52 1,1,1-Trichloroethane	97	6.421	6.421	0.000	99	937227	10.0	9.92	
54 Cyclohexane	56	6.525	6.525	0.000	91	1046865	10.0	9.91	
55 1,1-Dichloropropene	75	6.635	6.635	0.000	94	851307	10.0	10.3	
56 Carbon tetrachloride	117	6.641	6.641	0.000	95	824435	10.0	10.4	
57 Isobutyl alcohol	41	6.793	6.793	0.000	95	266775	500.0	473.6	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.866	6.866	0.000	90	87647	10.0	10.1	
59 Benzene	78	6.897	6.897	0.000	97	2361744	10.0	9.88	
60 1,2-Dichloroethane	62	6.970	6.970	0.000	97	544968	10.0	10.2	
62 Tert-amyl methyl ether	73	7.104	7.104	0.000	98	1268530	10.0	10.2	
* 64 Fluorobenzene (IS)	96	7.318	7.318	0.000	99	2057767	10.0	10.0	
65 n-Heptane	43	7.342	7.342	0.000	92	816557	10.0	10.2	
66 n-Butanol	56	7.702	7.702	0.000	88	341480	875.0	898.3	M
67 Trichloroethene	95	7.805	7.805	0.000	98	637756	10.0	10.2	
69 Methylcyclohexane	83	8.122	8.122	0.000	92	1099292	10.0	10.3	
70 1,2-Dichloropropane	63	8.141	8.141	0.000	87	573564	10.0	10.2	
71 2-ethoxy-2-methyl butane	87	8.165	8.165	0.000	92	885276	10.0	10.4	
72 Methyl methacrylate	69	8.244	8.244	0.000	93	199035	10.0	9.81	
73 1,4-Dioxane	88	8.250	8.250	0.000	32	33700	500.0	611.4	M
74 Dibromomethane	93	8.256	8.256	0.000	97	227399	10.0	10.3	
76 Dichlorobromomethane	83	8.500	8.500	0.000	99	670517	10.0	10.4	
77 2-Nitropropane	41	8.762	8.762	0.000	98	305105	50.0	44.0	
79 1-Bromo-2-chloroethane	63	8.896	8.896	0.000	99	492225	10.0	10.4	
80 cis-1,3-Dichloropropene	75	9.067	9.067	0.000	95	784339	10.0	10.6	
81 4-Methyl-2-pentanone (MIBK)	43	9.256	9.256	0.000	97	2501175	100.0	92.4	
\$ 82 Toluene-d8 (Surr)	98	9.396	9.396	0.000	94	2055024	10.0	10.1	
84 Toluene	92	9.482	9.482	0.000	98	1535598	10.0	10.1	
85 trans-1,3-Dichloropropene	75	9.762	9.762	0.000	94	614029	10.0	11.0	
86 Ethyl methacrylate	69	9.835	9.835	0.000	90	447973	10.0	11.3	
87 1,1,2-Trichloroethane	97	9.969	9.969	0.000	91	320299	10.0	10.1	
107 Tetrachloroethene	166	10.061	10.061	0.000	97	697676	10.0	10.1	
108 1,3-Dichloropropane	76	10.140	10.140	0.000	91	576940	10.0	10.4	
109 2-Hexanone	43	10.195	10.195	0.000	96	1666184	100.0	96.7	
111 Chlorodibromomethane	129	10.366	10.366	0.000	90	430028	10.0	10.6	
112 Ethylene Dibromide	107	10.475	10.475	0.000	99	300603	10.0	10.5	
* 113 Chlorobenzene-d5 (IS)	117	10.927	10.927	0.000	87	1445514	10.0	10.0	
114 1-Chlorohexane	91	10.939	10.939	0.000	98	857844	10.0	9.71	
115 Chlorobenzene	112	10.951	10.951	0.000	94	1596672	10.0	10.2	
116 1,1,1,2-Tetrachloroethane	131	11.036	11.036	0.000	96	549006	10.0	10.4	
117 Ethylbenzene	91	11.042	11.042	0.000	99	3095252	10.0	10.4	
118 m-Xylene & p-Xylene	106	11.164	11.164	0.000	100	2377888	20.0	20.5	
120 o-Xylene	106	11.500	11.500	0.000	96	1123506	10.0	10.3	
121 Styrene	104	11.512	11.512	0.000	95	1811100	10.0	10.6	
122 Bromoform	173	11.670	11.670	0.000	96	225462	10.0	10.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
123 Isopropylbenzene	105	11.804	11.804	0.000	96	3055295	10.0	10.2	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	742488	10.0	10.1	
127 1,1,2,2-Tetrachloroethane	83	12.054	12.054	0.000	93	384881	10.0	10.2	
128 Bromobenzene	156	12.067	12.067	0.000	97	631136	10.0	10.3	
129 trans-1,4-Dichloro-2-butene	53	12.079	12.079	0.000	94	911658	100.0	97.4	
130 1,2,3-Trichloropropane	110	12.097	12.097	0.000	80	101733	10.0	10.1	
131 N-Propylbenzene	91	12.140	12.140	0.000	99	3702344	10.0	10.4	
132 2-Chlorotoluene	126	12.213	12.213	0.000	96	693626	10.0	10.2	
133 1,3,5-Trimethylbenzene	105	12.280	12.280	0.000	93	2594665	10.0	10.2	
134 4-Chlorotoluene	126	12.304	12.304	0.000	98	697823	10.0	10.1	
135 tert-Butylbenzene	134	12.524	12.524	0.000	93	572823	10.0	10.5	
136 Pentachloroethane	167	12.548	12.548	0.000	95	395601	10.0	10.7	
137 1,2,4-Trimethylbenzene	105	12.566	12.566	0.000	98	2658889	10.0	10.3	
138 sec-Butylbenzene	105	12.688	12.688	0.000	94	3312057	10.0	10.5	
139 1,3-Dichlorobenzene	146	12.786	12.786	0.000	98	1299999	10.0	10.4	
140 4-Isopropyltoluene	119	12.798	12.798	0.000	97	2854664	10.0	10.4	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	94	813781	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.859	12.859	0.000	94	1287031	10.0	10.0	
143 1,2,3-Trimethylbenzene	120	12.871	12.871	0.000	99	1077166	10.0	10.1	
144 Benzyl chloride	126	12.932	12.932	0.000	99	159950	10.0	11.0	
145 p-Diethylbenzene	119	13.072	13.072	0.000	93	1685945	10.0	10.4	
146 n-Butylbenzene	92	13.091	13.091	0.000	98	1382107	10.0	10.5	
147 1,2-Dichlorobenzene	146	13.115	13.115	0.000	98	1129036	10.0	10.2	
148 1,2-Dibromo-3-Chloropropane	155	13.664	13.664	0.000	84	50555	10.0	11.0	
150 1,3,5-Trichlorobenzene	180	13.792	13.792	0.000	97	914549	10.0	10.4	
151 1,2,4-Trichlorobenzene	180	14.213	14.213	0.000	94	729839	10.0	10.7	
152 Hexachlorobutadiene	225	14.298	14.298	0.000	97	311837	10.0	10.5	
153 Naphthalene	128	14.389	14.389	0.000	97	1186711	10.0	10.5	
154 1,2,3-Trichlorobenzene	180	14.530	14.530	0.000	96	588624	10.0	10.6	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#1_826_00182	Amount Added: 10.00	Units: uL	
MSV_LL_GAS826_00295	Amount Added: 10.00	Units: uL	
MSV_LL_#2_826_00196	Amount Added: 10.00	Units: uL	
MSV_LLcentISS_00019	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 29-Oct-2025 10:18:57

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\copy_HC27X19.D

Injection Date: 27-Oct-2025 20:28:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: ICIS 10

Worklist Smp#: 20

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

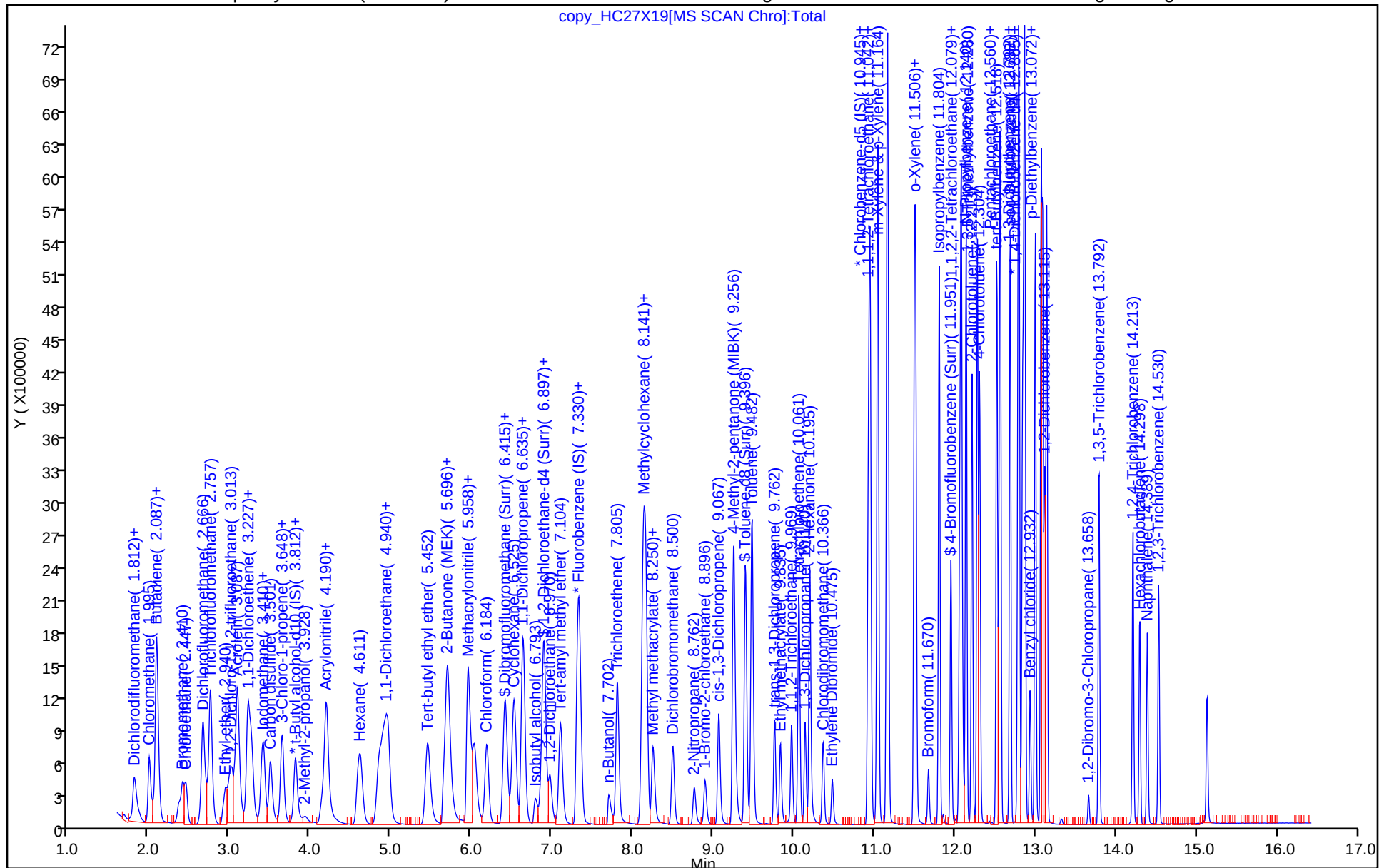
ALS Bottle#: 19

Method: MSV_19094_25mL

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

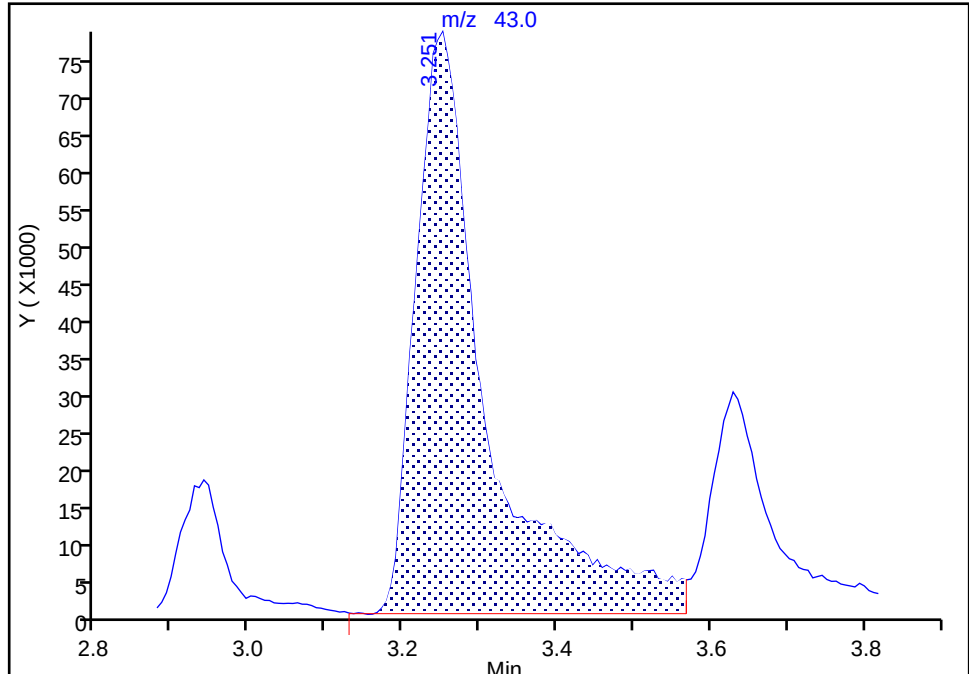
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Injection Date: 27-Oct-2025 20:28:30 Instrument ID: 19094
Lims ID: ICIS 10
Client ID:
Operator ID: ecr105096 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

19 Acetone, CAS: 67-64-1

Signal: 1

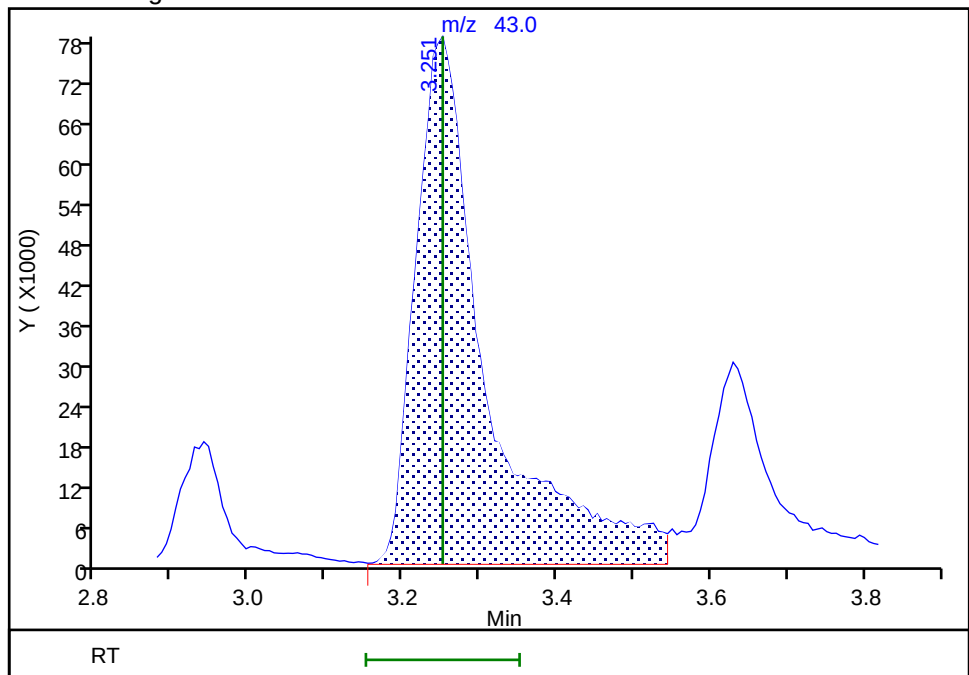
RT: 3.25
Area: 498926
Amount: 82.809338
Amount Units: ug/l

Processing Integration Results



RT: 3.25
Area: 496392
Amount: 90.004041
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:57:33 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

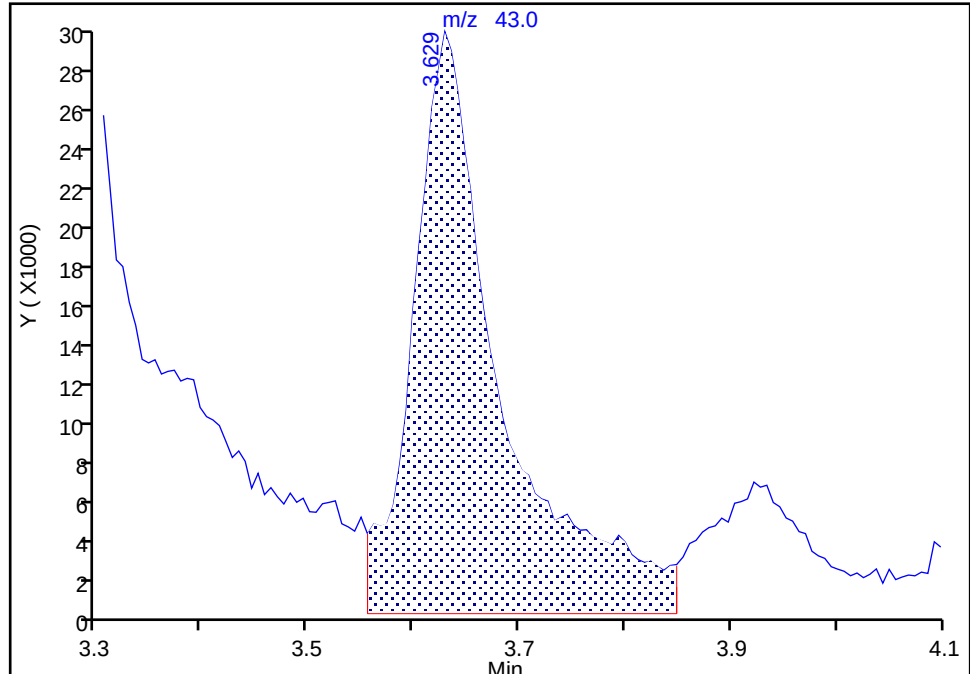
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Injection Date: 27-Oct-2025 20:28:30 Instrument ID: 19094
Lims ID: ICIS 10
Client ID:
Operator ID: ecr105096 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

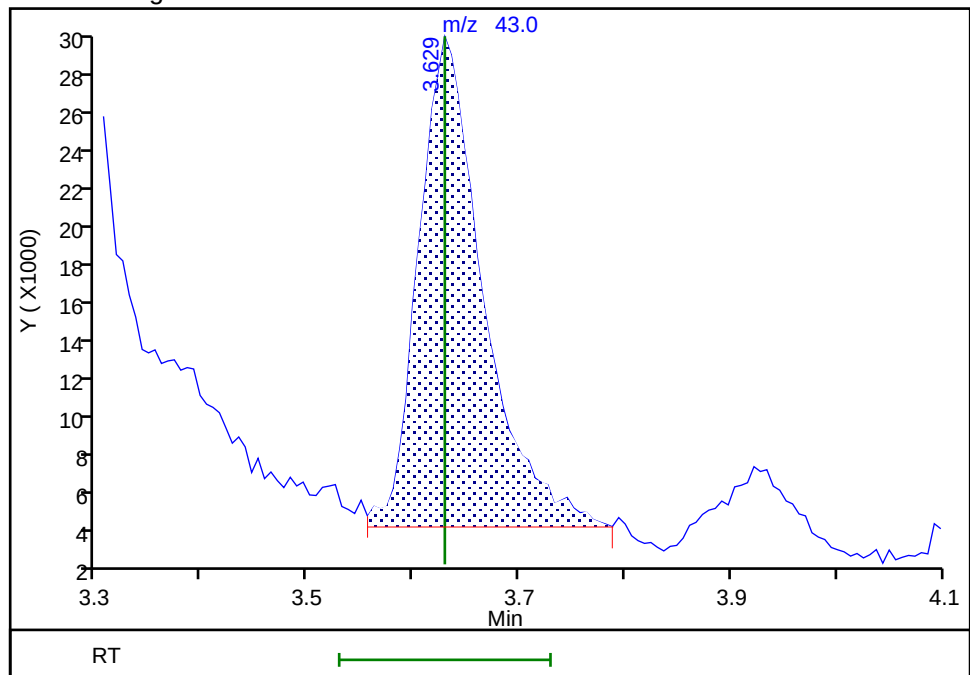
RT: 3.63
Area: 170831
Amount: 15.090063
Amount Units: ug/l

Processing Integration Results



RT: 3.63
Area: 110294
Amount: 10.436991
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 23:49:51 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

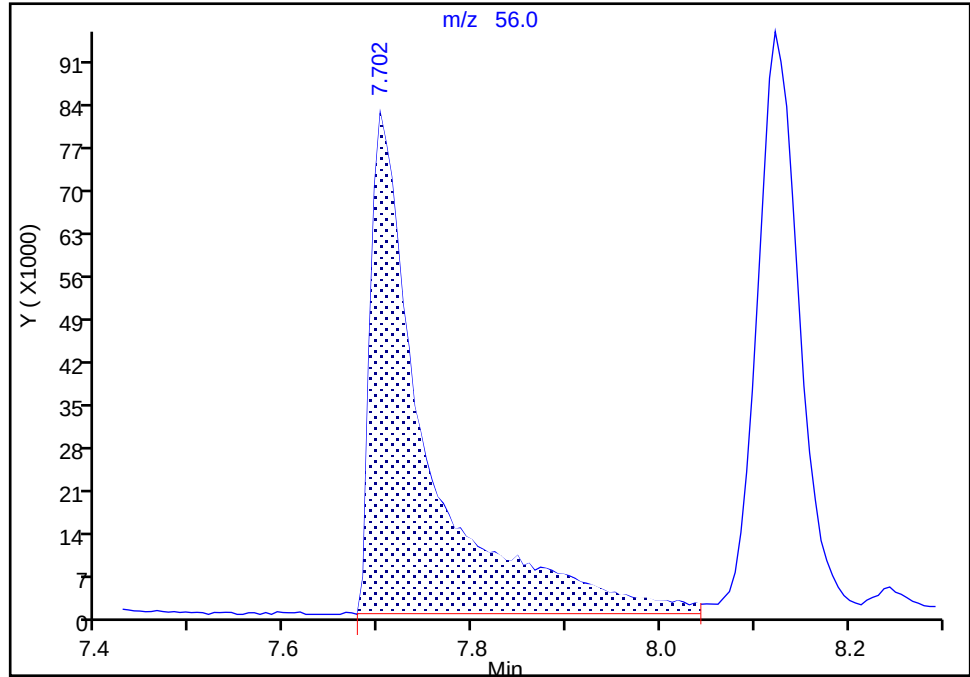
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Injection Date: 27-Oct-2025 20:28:30 Instrument ID: 19094
Lims ID: ICIS 10
Client ID:
Operator ID: ecr105096 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

66 n-Butanol, CAS: 71-36-3

Signal: 1

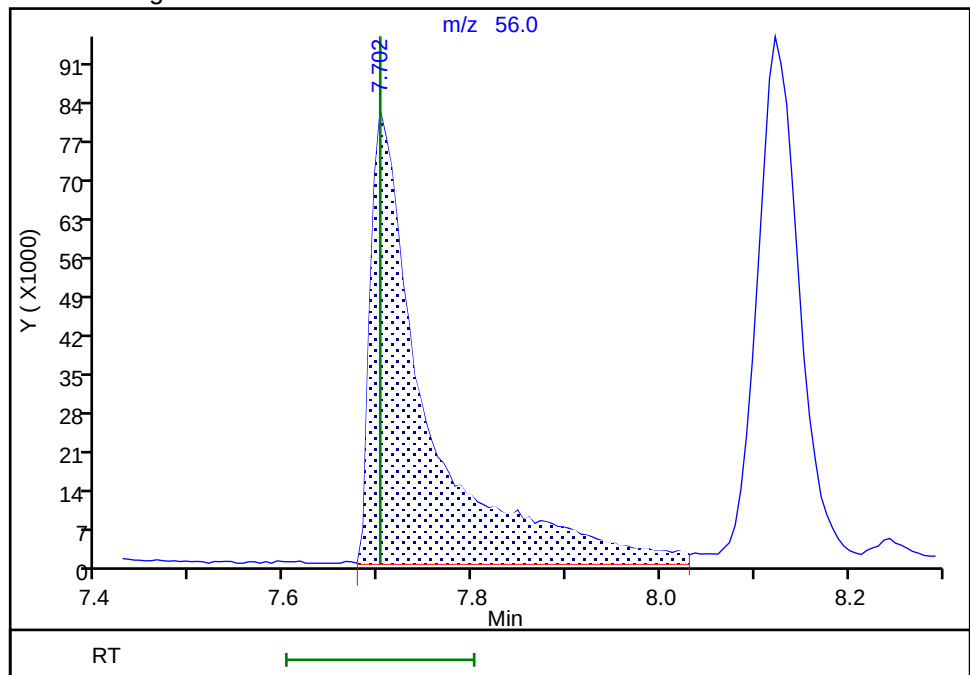
RT: 7.70
Area: 342769
Amount: 901.9433
Amount Units: ug/l

Processing Integration Results



RT: 7.70
Area: 341480
Amount: 898.2961
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 03:24:33 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

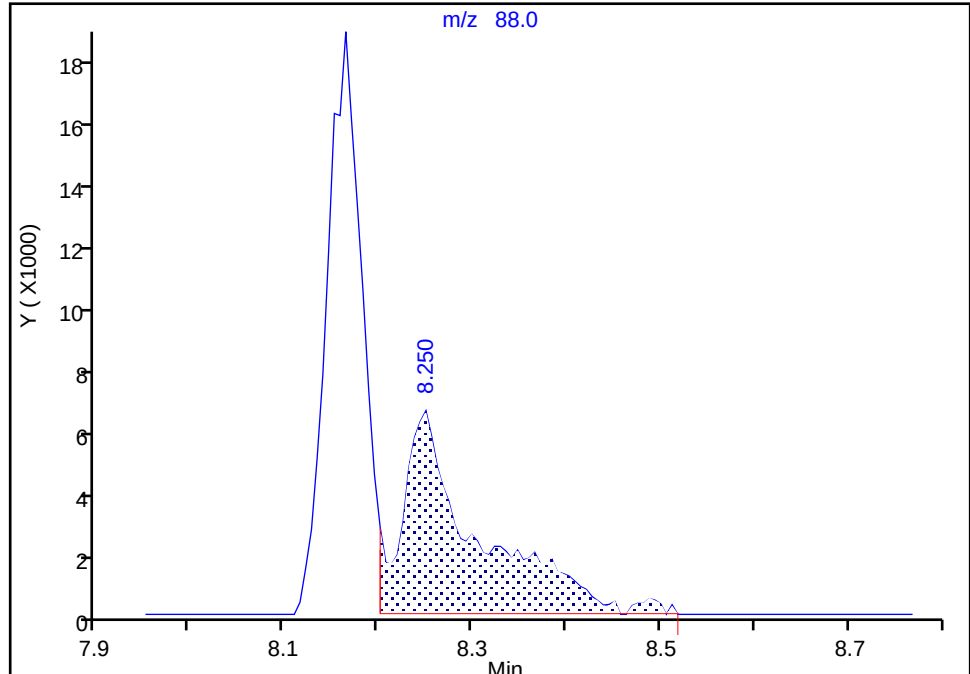
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Injection Date: 27-Oct-2025 20:28:30 Instrument ID: 19094
Lims ID: ICIS 10
Client ID:
Operator ID: ecr105096 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

73 1,4-Dioxane, CAS: 123-91-1

Signal: 1

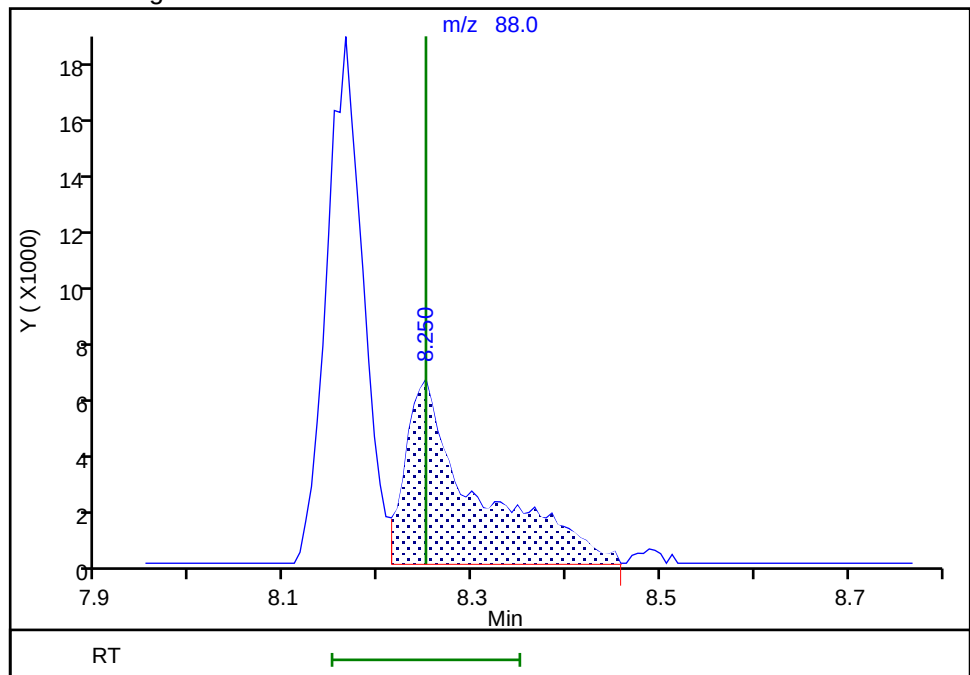
RT: 8.25
Area: 36237
Amount: 383.9232
Amount Units: ug/l

Processing Integration Results



RT: 8.25
Area: 33700
Amount: 611.3547
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 03:28:53 -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\19094\20251027-164600.b\HC27X20.D
 Lims ID: IC std9 25
 Client ID:
 Sample Type: IC Calib Level: 9
 Inject. Date: 27-Oct-2025 20:50:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0164600-021
 Misc. Info.: IC STD9 25
 Operator ID: ecr105096 Instrument ID: 19094
 Sublist: chrom-MSV_19094_25mL*sub1
 Method: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 29-Oct-2025 10:19:08 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JS6E

Date: 27-Oct-2025 23:53:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.818	1.812	0.006	99	1927645	25.0	22.5	
5 Chloromethane	50	2.001	1.995	0.006	99	2281643	25.0	23.3	
6 Butadiene	39	2.087	2.081	0.006	92	2407035	25.0	23.2	
7 Vinyl chloride	62	2.111	2.105	0.006	98	2176458	25.0	23.4	
9 Bromomethane	94	2.416	2.410	0.006	91	1438529	25.0	23.9	
10 Chloroethane	64	2.458	2.453	0.005	100	1196393	25.0	24.1	
11 Dichlorofluoromethane	67	2.666	2.660	0.006	97	3190970	25.0	23.3	
12 Trichlorofluoromethane	101	2.763	2.757	0.006	98	2793641	25.0	23.7	
13 Ethyl ether	59	2.940	2.940	0.000	92	910425	25.0	27.1	
14 1,2-Dichloro-1,1,2-trifluoroetha	67	3.025	3.013	0.012	93	1907347	25.0	24.2	
16 Acrolein	56	3.093	3.087	0.006	99	6117162	1219.9	1447.7	M
17 1,1-Dichloroethene	96	3.227	3.221	0.006	97	1345510	25.0	25.5	
19 Acetone	43	3.245	3.251	-0.006	100	1274521	250.0	255.4	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.269	3.257	0.012	94	1410603	25.0	25.9	
20 Iodomethane	142	3.403	3.398	0.005	99	2491281	25.0	25.8	
22 Ethyl bromide	108	3.428	3.422	0.006	99	1234905	25.0	25.6	
23 Carbon disulfide	76	3.507	3.501	0.006	99	3853582	25.0	25.7	
24 Methyl acetate	43	3.623	3.629	-0.006	97	291192	25.0	30.5	M
25 3-Chloro-1-propene	41	3.647	3.648	-0.001	91	2410543	25.0	26.3	
27 Methylene Chloride	84	3.818	3.812	0.006	93	1375032	25.0	25.9	
* 28 t-Butyl alcohol-d10 (IS)	65	3.818	3.830	-0.012	97	68968	50.0	50.0	
29 2-Methyl-2-propanol	59	3.940	3.934	0.006	99	630594	500.0	530.6	M
30 Acrylonitrile	53	4.123	4.135	-0.012	97	471832	62.5	63.6	
31 Methyl tert-butyl ether	73	4.190	4.178	0.012	95	3062723	25.0	26.2	
33 trans-1,2-Dichloroethene	96	4.196	4.196	0.000	98	1548921	25.0	26.6	
34 Hexane	57	4.617	4.605	0.012	93	2114367	25.0	25.5	
35 1,1-Dichloroethane	63	4.848	4.848	0.000	96	2895749	25.0	26.7	
37 Isopropyl ether	45	4.909	4.909	0.000	94	4703501	25.0	27.0	
38 2-Chloro-1,3-butadiene	53	4.958	4.958	0.000	91	2599718	25.0	27.1	
39 Tert-butyl ethyl ether	59	5.464	5.452	0.012	98	4156573	25.0	26.5	

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	5.653	5.653	0.000	100	2367985	250.0	265.8	M
42 cis-1,2-Dichloroethene	96	5.696	5.696	0.000	83	1667589	25.0	27.1	
43 2,2-Dichloropropane	77	5.714	5.708	0.006	91	2527004	25.0	26.0	
44 Propionitrile	54	5.738	5.739	-0.001	99	1115320	500.0	500.1	M
46 Methacrylonitrile	67	5.958	5.958	0.000	92	2732266	250.0	303.1	
47 Chlorobromomethane	128	6.037	6.031	0.006	96	632337	25.0	27.1	
48 Tetrahydrofuran	71	6.037	6.043	-0.006	85	368567	125.0	146.3	
S 49 1,2-Dichloroethene, Total	100				0			53.7	
50 Chloroform	83	6.189	6.190	-0.001	94	2784906	25.0	26.4	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.409	0.000	93	503342	10.0	10.1	
52 1,1,1-Trichloroethane	97	6.427	6.421	0.006	99	2597358	25.0	26.0	
54 Cyclohexane	56	6.531	6.525	0.006	91	2840825	25.0	25.4	
55 1,1-Dichloropropene	75	6.641	6.635	0.006	96	2364656	25.0	27.1	
56 Carbon tetrachloride	117	6.647	6.641	0.006	96	2297606	25.0	27.4	
57 Isobutyl alcohol	41	6.787	6.793	-0.006	94	645230	1250.0	1266.2	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.866	6.866	0.000	95	93451	10.0	10.2	
59 Benzene	78	6.903	6.897	0.006	96	6595132	25.0	26.1	
60 1,2-Dichloroethane	62	6.976	6.970	0.006	98	1498446	25.0	26.7	
62 Tert-amyl methyl ether	73	7.110	7.104	0.006	98	3546055	25.0	27.0	
* 64 Fluorobenzene (IS)	96	7.317	7.318	-0.001	99	2174373	10.0	10.0	
65 n-Heptane	43	7.342	7.342	0.000	94	2109148	25.0	24.9	
66 n-Butanol	56	7.701	7.702	-0.001	89	772942	2187.5	2189.3	
67 Trichloroethene	95	7.811	7.805	0.006	99	1765771	25.0	26.6	
69 Methylcyclohexane	83	8.128	8.122	0.006	91	2909349	25.0	25.7	
70 1,2-Dichloropropane	63	8.146	8.141	0.005	86	1619190	25.0	27.3	
71 2-ethoxy-2-methyl butane	87	8.171	8.165	0.006	93	2481074	25.0	27.5	
72 Methyl methacrylate	69	8.244	8.244	0.000	91	572439	25.0	31.2	M
73 1,4-Dioxane	88	8.250	8.250	0.000	28	63915	1250.0	1281.6	M
74 Dibromomethane	93	8.256	8.256	0.000	97	645059	25.0	27.7	
76 Dichlorobromomethane	83	8.500	8.500	0.000	99	1888816	25.0	27.8	
77 2-Nitropropane	41	8.762	8.762	0.000	98	868634	125.0	138.5	
79 1-Bromo-2-chloroethane	63	8.896	8.896	0.000	99	1343650	25.0	26.8	
80 cis-1,3-Dichloropropene	75	9.067	9.067	0.000	95	2213062	25.0	28.2	
81 4-Methyl-2-pentanone (MIBK)	43	9.256	9.256	0.000	97	6959869	250.0	284.1	
\$ 82 Toluene-d8 (Surr)	98	9.402	9.396	0.006	94	2169838	10.0	10.1	
84 Toluene	92	9.482	9.482	0.000	98	4246980	25.0	26.6	
85 trans-1,3-Dichloropropene	75	9.756	9.762	-0.006	94	1739958	25.0	29.8	
86 Ethyl methacrylate	69	9.829	9.835	-0.006	90	1243303	25.0	29.9	
87 1,1,2-Trichloroethane	97	9.969	9.969	0.000	91	880810	25.0	26.6	
S 106 1,3-Dichloropropene, Total	100				0			58.1	
107 Tetrachloroethene	166	10.067	10.061	0.006	96	1915767	25.0	26.5	
108 1,3-Dichloropropane	76	10.140	10.140	0.000	91	1597551	25.0	27.6	
109 2-Hexanone	43	10.195	10.195	0.000	96	4701405	250.0	301.6	
111 Chlorodibromomethane	129	10.365	10.366	-0.001	90	1215462	25.0	28.6	
112 Ethylene Dibromide	107	10.475	10.475	0.000	98	841541	25.0	28.1	
* 113 Chlorobenzene-d5 (IS)	117	10.926	10.927	-0.001	86	1515824	10.0	10.0	
114 1-Chlorohexane	91	10.939	10.939	0.000	98	2336412	25.0	25.2	
115 Chlorobenzene	112	10.951	10.951	0.000	97	4390301	25.0	26.8	
116 1,1,1,2-Tetrachloroethane	131	11.036	11.036	0.000	96	1520831	25.0	27.4	
117 Ethylbenzene	91	11.042	11.042	0.000	99	8459082	25.0	27.2	
118 m-Xylene & p-Xylene	106	11.164	11.164	0.000	99	6496295	50.0	53.5	
S 119 Xylenes, Total	106				0			80.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
120 o-Xylene	106	11.499	11.500	-0.001	97	3065722	25.0	26.8	
121 Styrene	104	11.512	11.512	0.000	95	4976862	25.0	27.8	
122 Bromoform	173	11.670	11.670	0.000	96	630369	25.0	28.6	
123 Isopropylbenzene	105	11.804	11.804	0.000	96	8262342	25.0	26.4	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	88	780813	10.0	10.2	
127 1,1,2,2-Tetrachloroethane	83	12.054	12.054	0.000	92	1048609	25.0	26.5	
128 Bromobenzene	156	12.066	12.067	-0.001	96	1707403	25.0	26.5	
129 trans-1,4-Dichloro-2-butene	53	12.079	12.079	0.000	94	2609665	250.0	308.3	
130 1,2,3-Trichloropropane	110	12.097	12.097	0.000	79	281919	25.0	26.7	
131 N-Propylbenzene	91	12.140	12.140	0.000	99	9959659	25.0	26.6	
132 2-Chlorotoluene	126	12.213	12.213	0.000	96	1890356	25.0	26.6	
133 1,3,5-Trimethylbenzene	105	12.280	12.280	0.000	93	7130642	25.0	26.8	
134 4-Chlorotoluene	126	12.310	12.304	0.006	98	1925198	25.0	26.6	
135 tert-Butylbenzene	134	12.524	12.524	0.000	93	1542479	25.0	27.0	
136 Pentachloroethane	167	12.554	12.548	0.006	93	1104765	25.0	28.5	
137 1,2,4-Trimethylbenzene	105	12.566	12.566	0.000	98	7313494	25.0	27.0	
138 sec-Butylbenzene	105	12.688	12.688	0.000	95	8929130	25.0	26.9	
139 1,3-Dichlorobenzene	146	12.786	12.786	0.000	98	3534139	25.0	27.0	
140 4-Isopropyltoluene	119	12.798	12.798	0.000	97	7646239	25.0	26.7	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	95	852817	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.859	12.859	0.000	93	3482387	25.0	25.9	
143 1,2,3-Trimethylbenzene	120	12.871	12.871	0.000	99	2987151	25.0	26.7	
144 Benzyl chloride	126	12.932	12.932	0.000	99	446354	25.0	29.2	
145 p-Diethylbenzene	119	13.072	13.072	0.000	93	4532566	25.0	26.7	
146 n-Butylbenzene	92	13.091	13.091	0.000	98	3757432	25.0	27.3	
147 1,2-Dichlorobenzene	146	13.115	13.115	0.000	98	3074117	25.0	26.6	
148 1,2-Dibromo-3-Chloropropane	155	13.658	13.664	-0.006	85	141169	25.0	29.3	
150 1,3,5-Trichlorobenzene	180	13.792	13.792	0.000	97	2456524	25.0	26.6	
151 1,2,4-Trichlorobenzene	180	14.212	14.213	0.000	94	1964162	25.0	27.6	
152 Hexachlorobutadiene	225	14.298	14.298	0.000	97	828965	25.0	26.6	
153 Naphthalene	128	14.389	14.389	0.000	97	3275490	25.0	27.7	
154 1,2,3-Trichlorobenzene	180	14.529	14.530	-0.001	96	1589694	25.0	27.4	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#1_826_00182

Amount Added: 25.00

Units: uL

MSV_LL_GAS826_00295

Amount Added: 25.00

Units: uL

MSV_LL_#2_826_00196

Amount Added: 25.00

Units: uL

MSV_LLcentISS_00019

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 29-Oct-2025 10:19:08

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D

Injection Date: 27-Oct-2025 20:50:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: IC std9 25

Worklist Smp#: 21

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

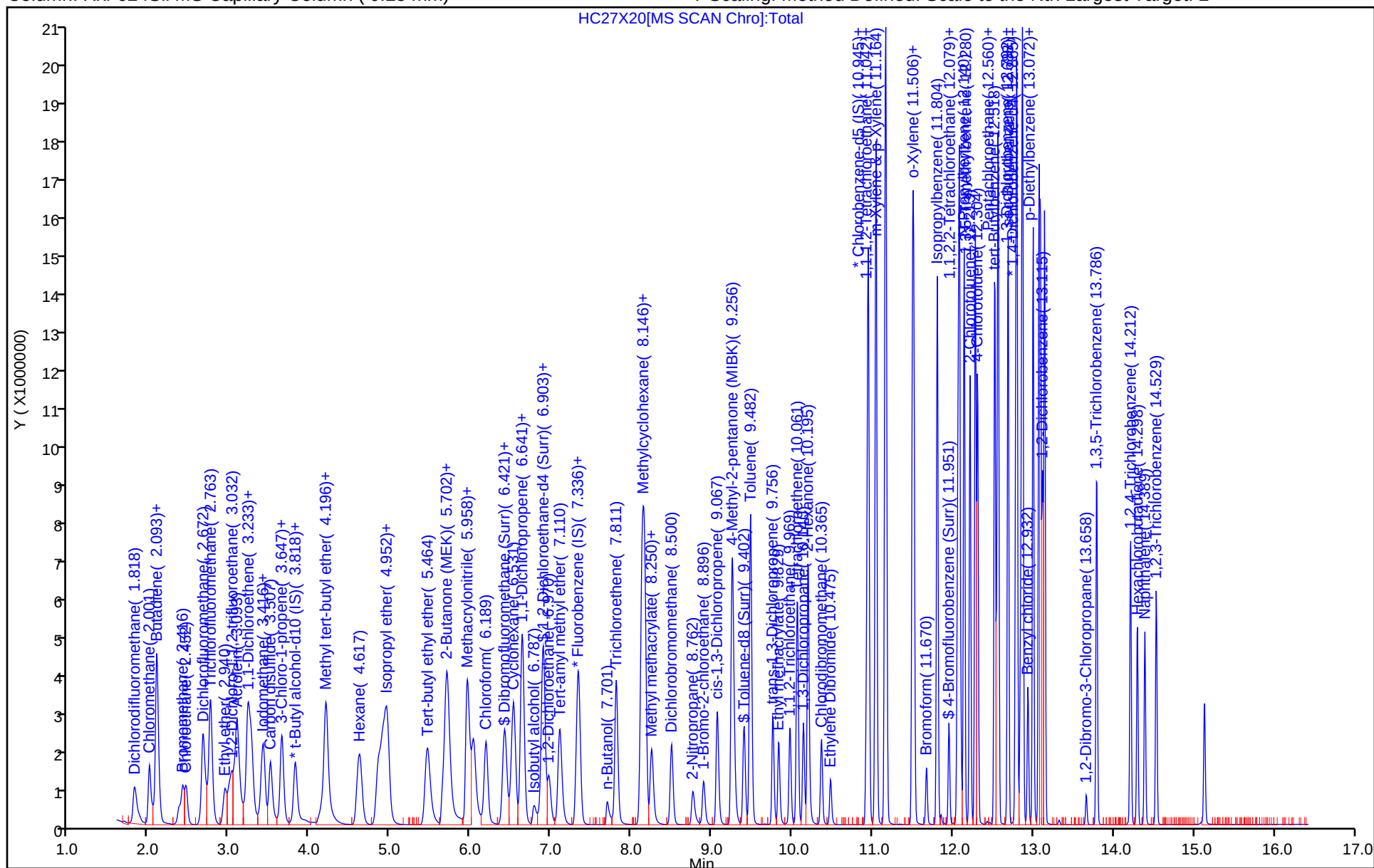
ALS Bottle#: 20

Method: MSV_19094_25mL

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

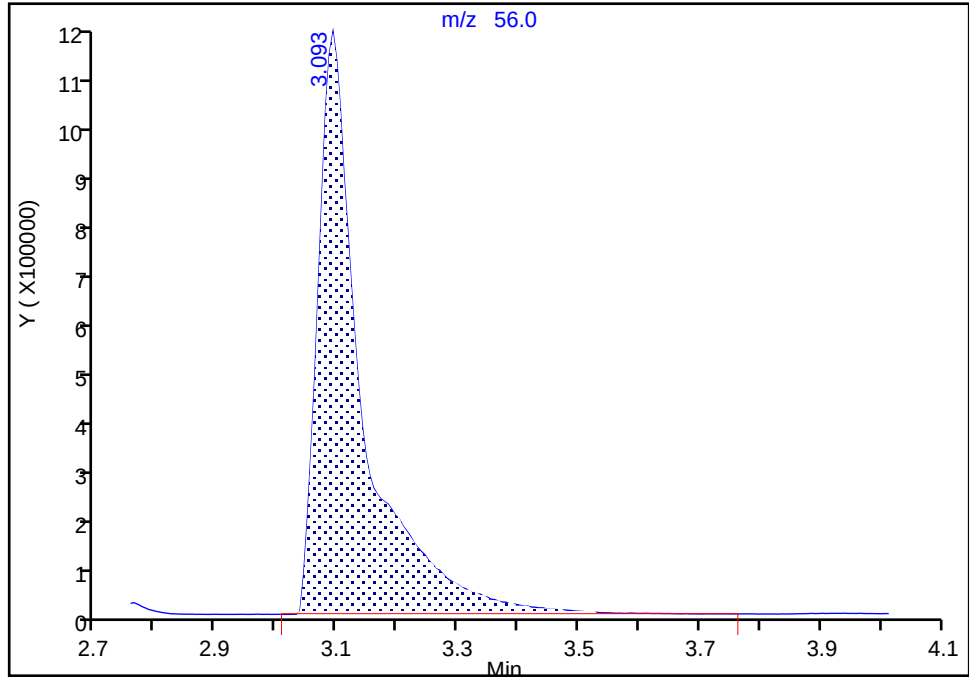
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Injection Date: 27-Oct-2025 20:50:30 Instrument ID: 19094
Lims ID: IC std9 25
Client ID:
Operator ID: ecr105096 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

16 Acrolein, CAS: 107-02-8

Signal: 1

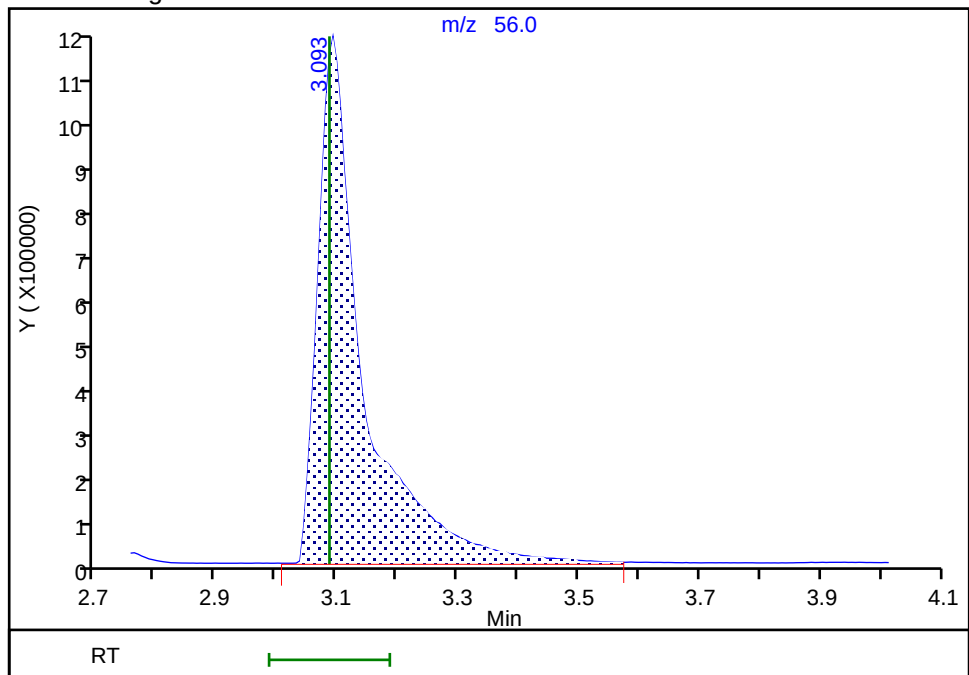
RT: 3.09
Area: 6133776
Amount: 1450.9382
Amount Units: ug/l

Processing Integration Results



RT: 3.09
Area: 6117162
Amount: 1447.6744
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 02:55:25 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

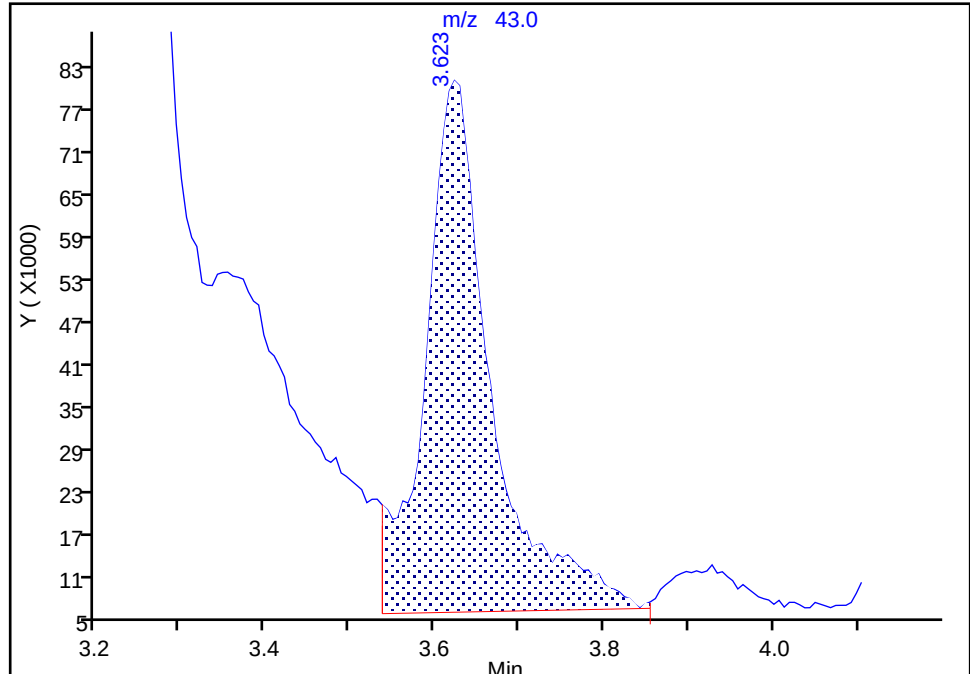
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Injection Date: 27-Oct-2025 20:50:30 Instrument ID: 19094
Lims ID: IC std9 25
Client ID:
Operator ID: ecr105096 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

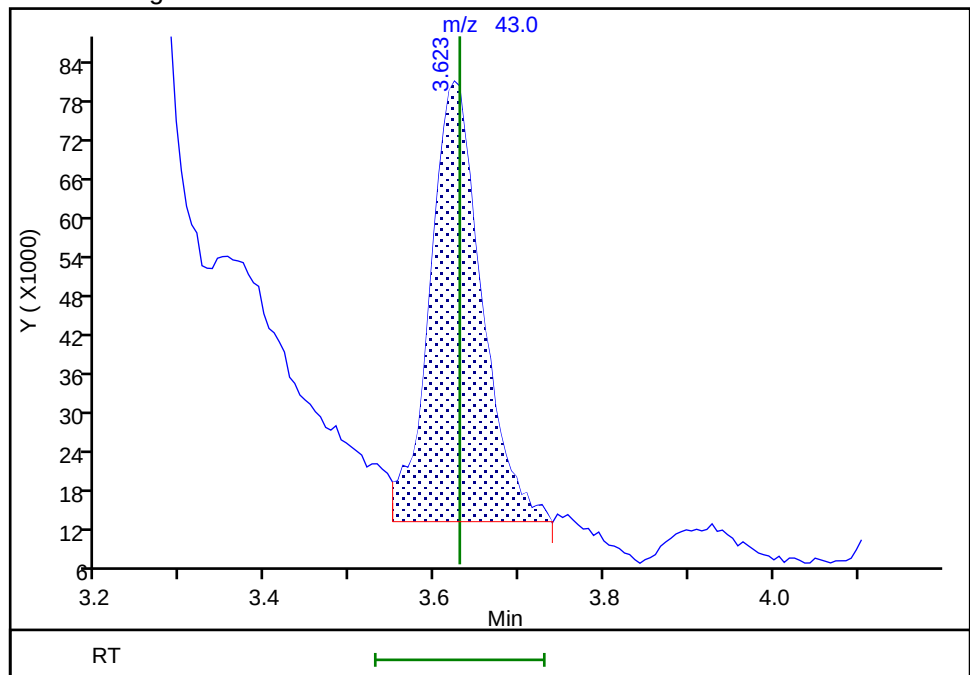
RT: 3.62
Area: 407914
Amount: 26.172952
Amount Units: ug/l

Processing Integration Results



RT: 3.62
Area: 291192
Amount: 30.456181
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 23:53:46 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

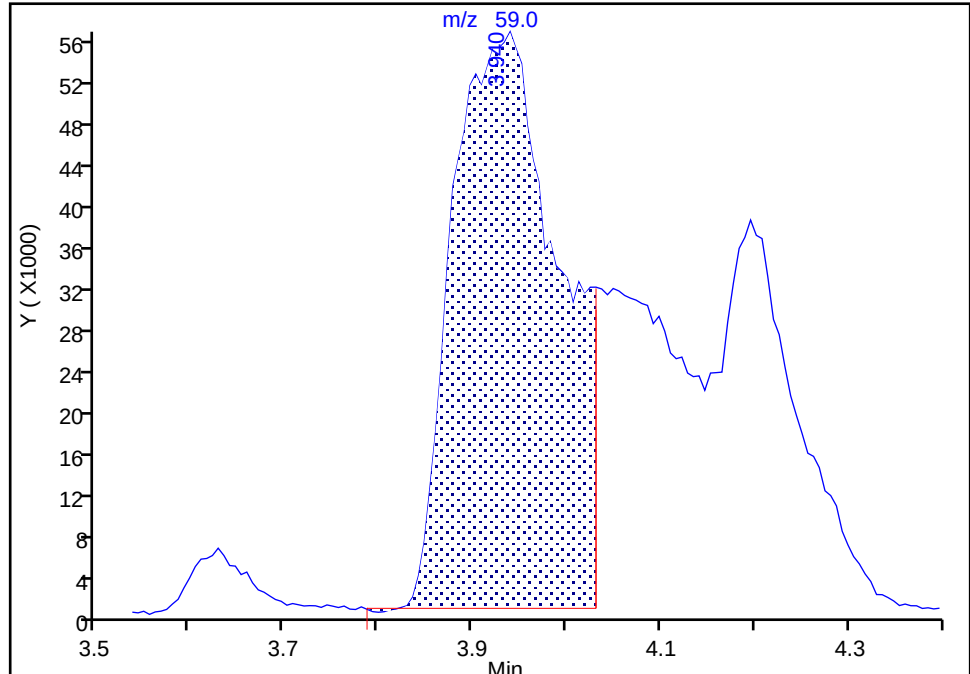
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Injection Date: 27-Oct-2025 20:50:30 Instrument ID: 19094
Lims ID: IC std9 25
Client ID:
Operator ID: ecr105096 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

29 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

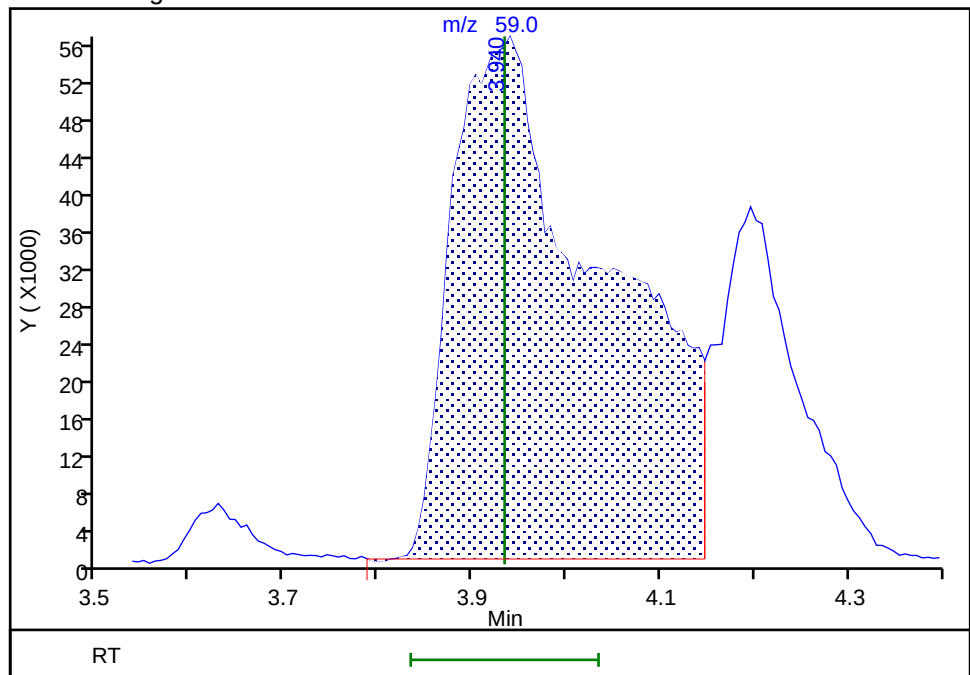
RT: 3.94
Area: 441949
Amount: 403.9429
Amount Units: ug/l

Processing Integration Results



RT: 3.94
Area: 630594
Amount: 530.5807
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 23:56:34 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

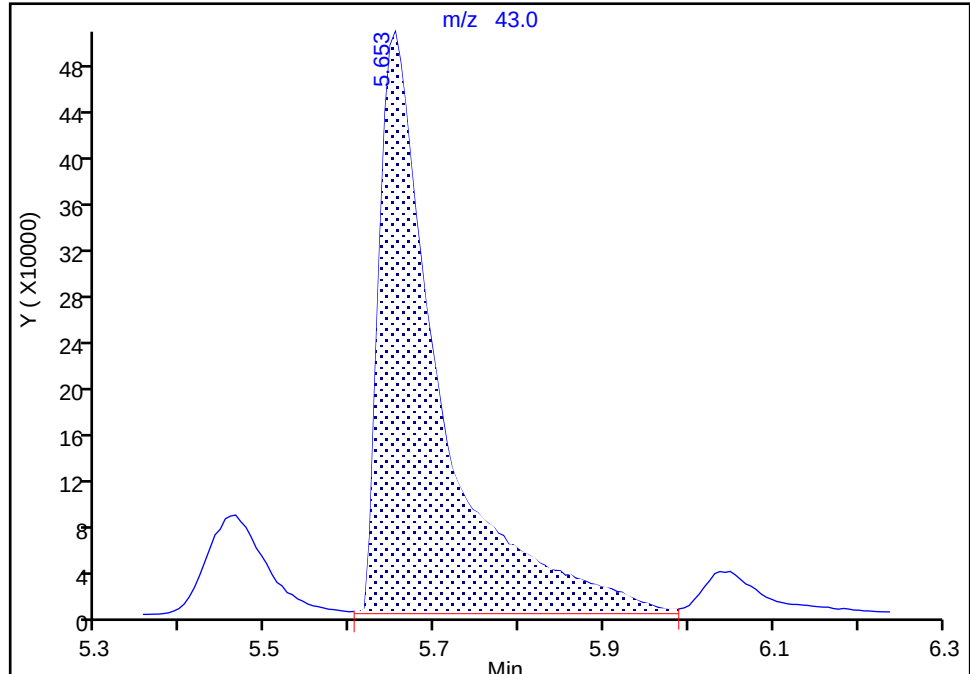
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Injection Date: 27-Oct-2025 20:50:30 Instrument ID: 19094
Lims ID: IC std9 25
Client ID:
Operator ID: ecr105096 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

41 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

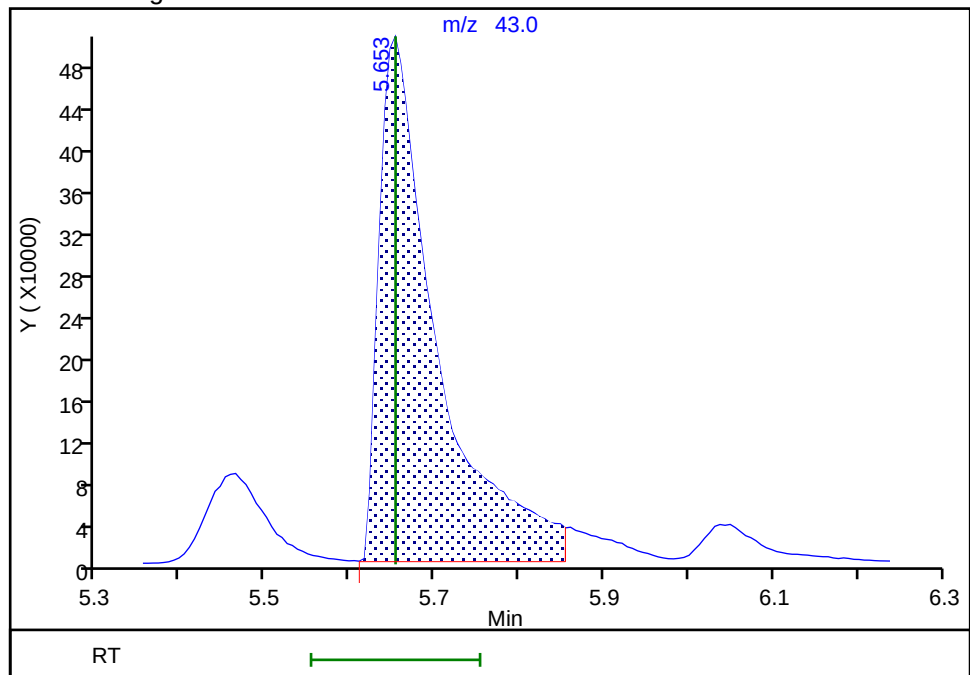
RT: 5.65
Area: 2519641
Amount: 339.4775
Amount Units: ug/l

Processing Integration Results



RT: 5.65
Area: 2367985
Amount: 265.7993
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 03:11:40 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

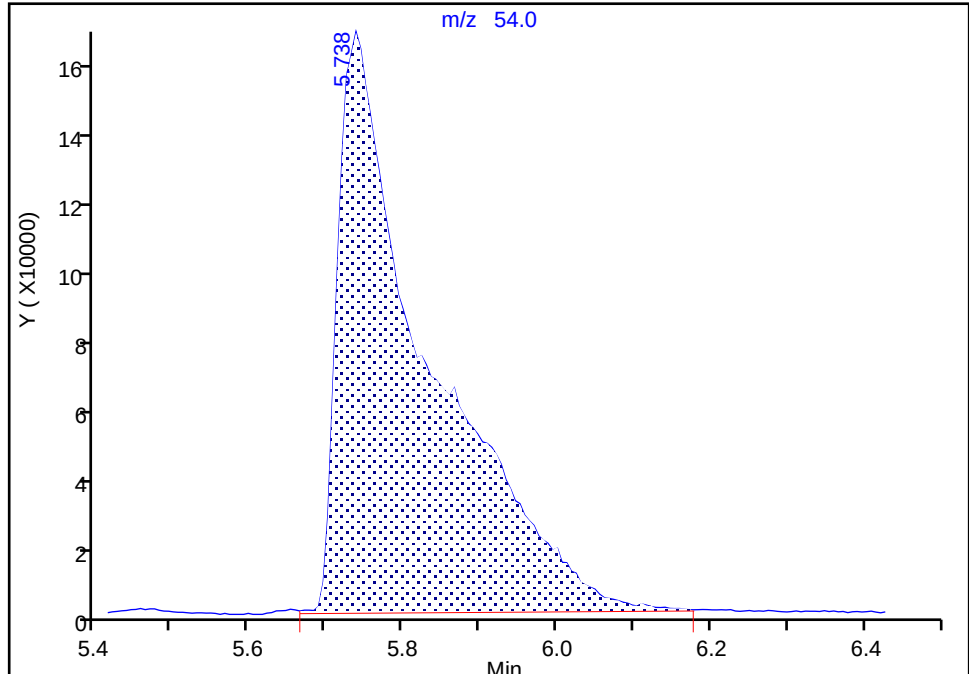
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Injection Date: 27-Oct-2025 20:50:30 Instrument ID: 19094
Lims ID: IC std9 25
Client ID:
Operator ID: ecr105096 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

44 Propionitrile, CAS: 107-12-0

Signal: 1

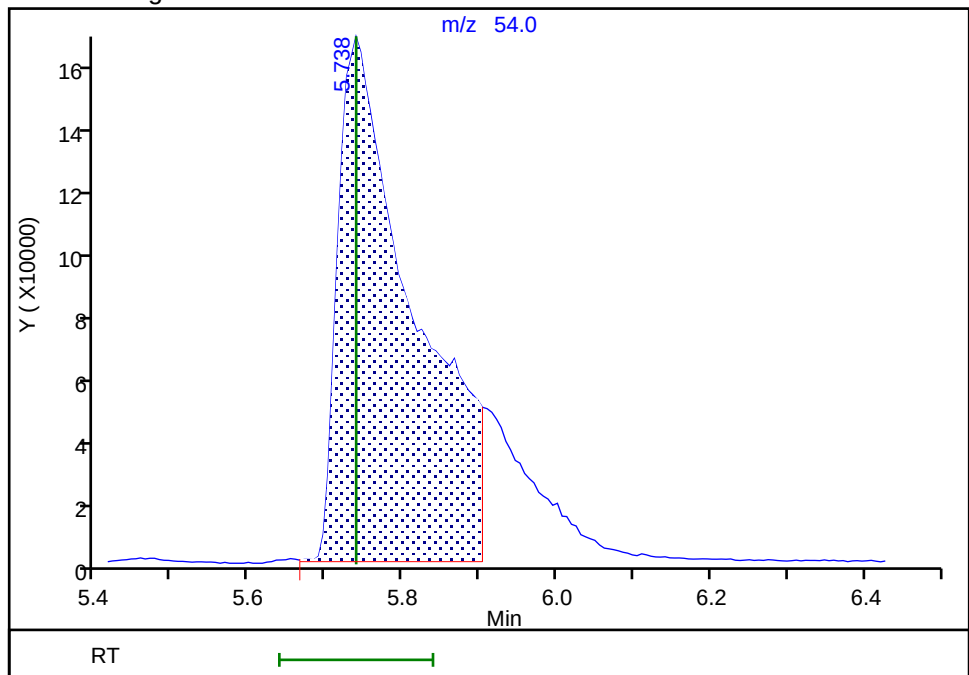
RT: 5.74
Area: 1334797
Amount: 884.9351
Amount Units: ug/l

Processing Integration Results



RT: 5.74
Area: 1115320
Amount: 500.1025
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 27-Oct-2025 23:57:52 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

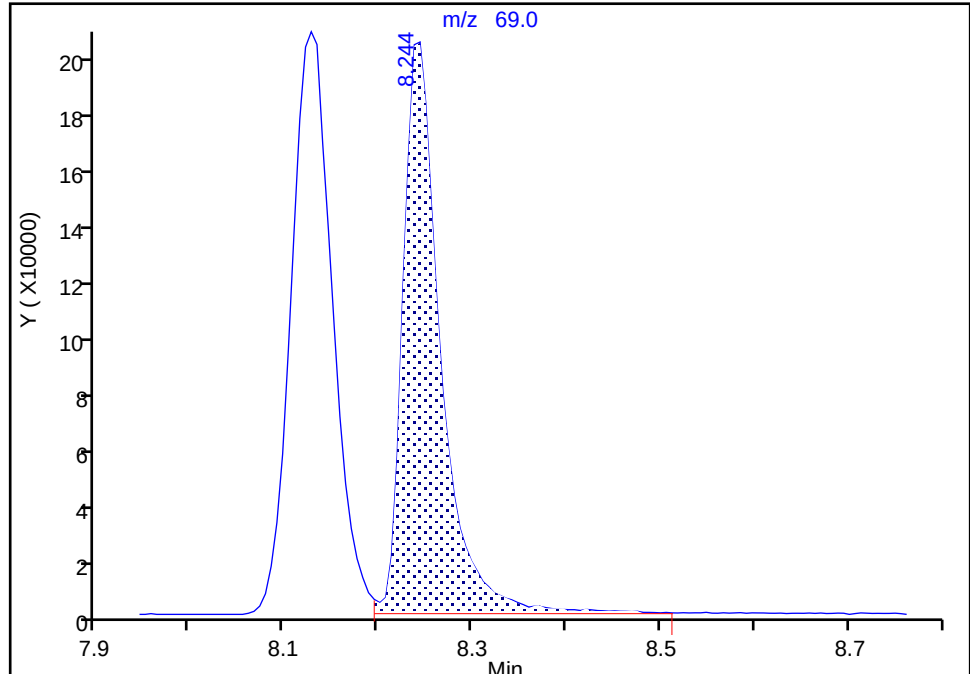
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Injection Date: 27-Oct-2025 20:50:30 Instrument ID: 19094
Lims ID: IC std9 25
Client ID:
Operator ID: ecr105096 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 Methyl methacrylate, CAS: 80-62-6

Signal: 1

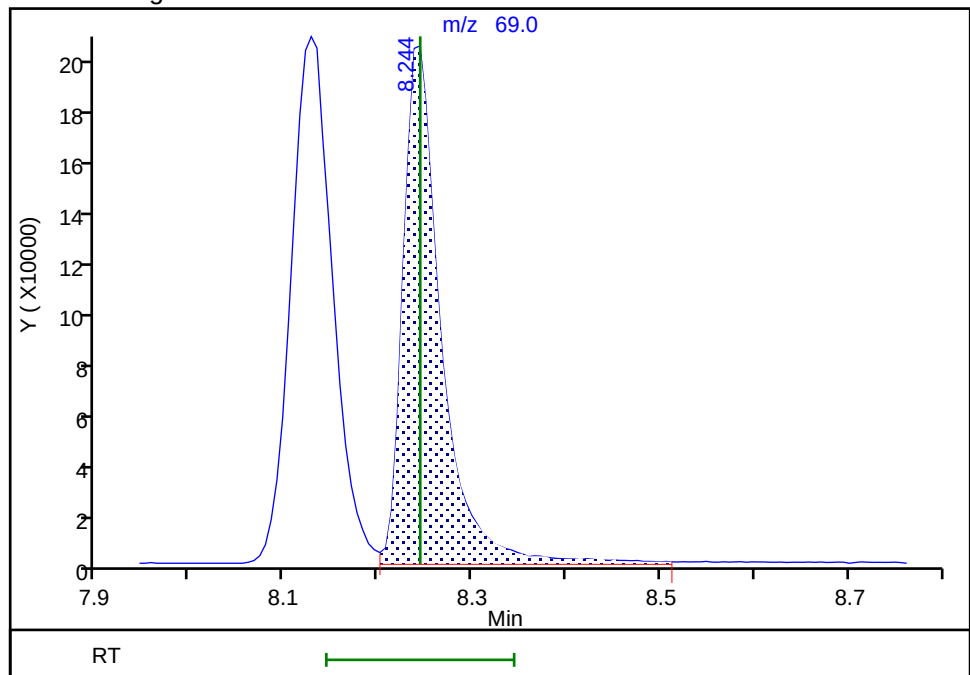
RT: 8.24
Area: 574390
Amount: 26.614297
Amount Units: ug/l

Processing Integration Results



RT: 8.24
Area: 572439
Amount: 31.192280
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 04:23:58 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

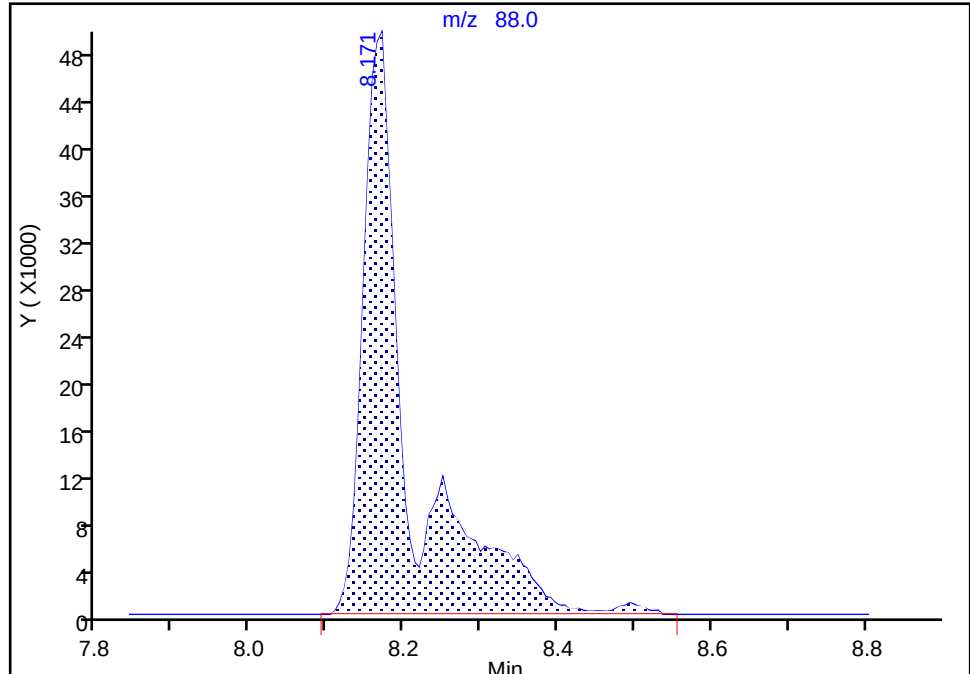
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Lims ID: IC std9 25
Client ID:
Operator ID: ecr105096 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

73 1,4-Dioxane, CAS: 123-91-1

Signal: 1

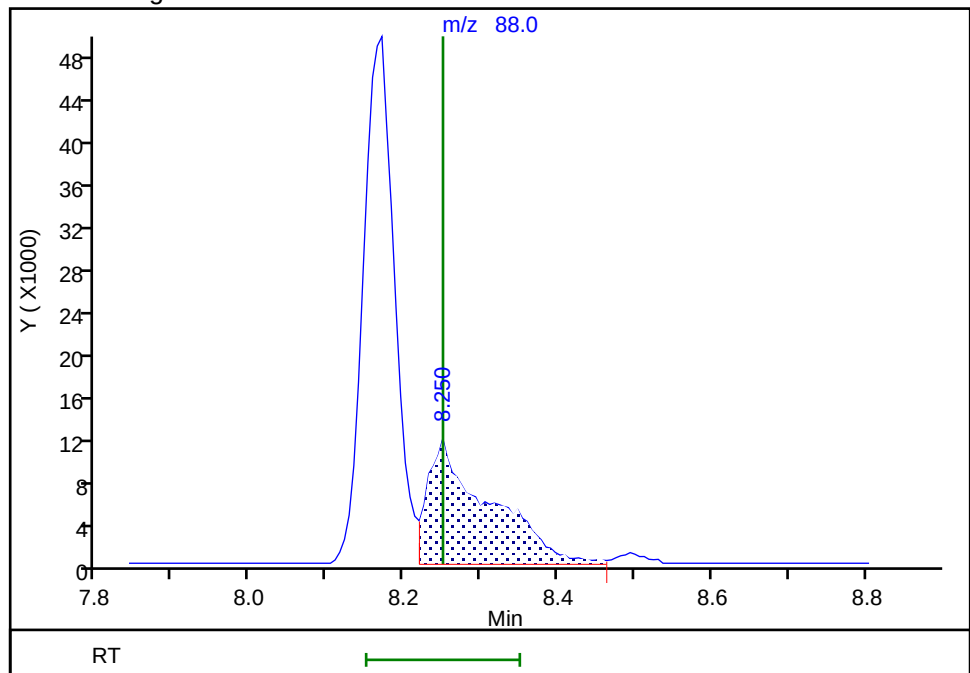
RT: 8.17
Area: 204551
Amount: 1581.3541
Amount Units: ug/l

Processing Integration Results



RT: 8.25
Area: 63915
Amount: 1281.5593
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 03:29:27 -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

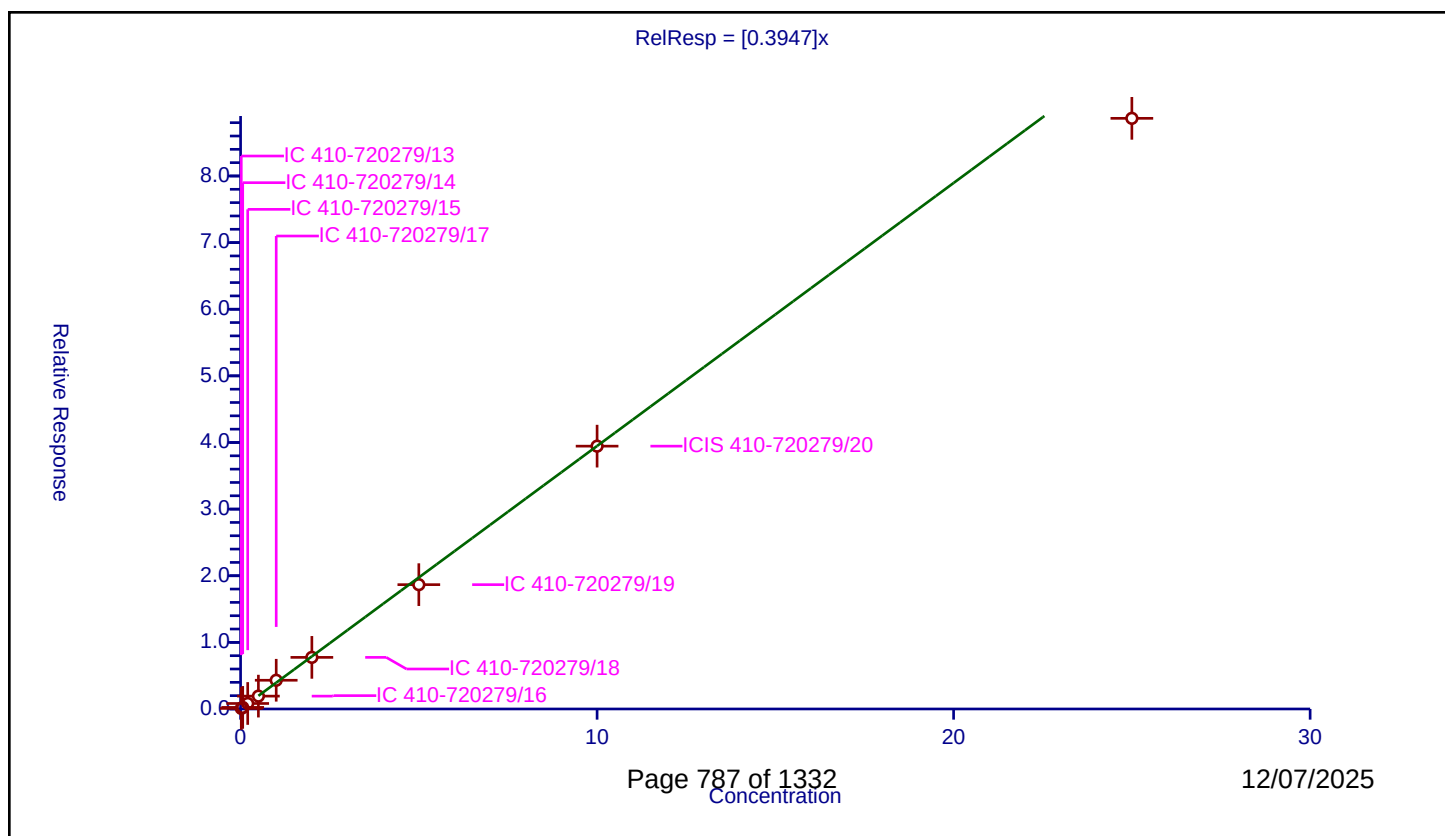
Curve Coefficients

Intercept: 0
Slope: 0.3947

Error Coefficients

Relative Standard Deviation: 5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.008309	10.0	1915919.0	0.415466	Y
2	IC 410-720279/14	0.06	0.023785	10.0	1876780.0	0.396424	Y
3	IC 410-720279/15	0.2	0.082728	10.0	1910483.0	0.413639	Y
4	IC 410-720279/16	0.5	0.19315	10.0	1894743.0	0.3863	Y
5	IC 410-720279/17	1.0	0.431208	10.0	1906735.0	0.431208	Y
6	IC 410-720279/18	2.0	0.774703	10.0	1942176.0	0.387352	Y
7	IC 410-720279/19	5.0	1.86608	10.0	1995997.0	0.373216	Y
8	ICIS 410-720279/20	10.0	3.944888	10.0	2057767.0	0.394489	Y
9	IC 410-720279/21	25.0	8.865291	10.0	2174373.0	0.354612	Y



Calibration

/ Chloromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

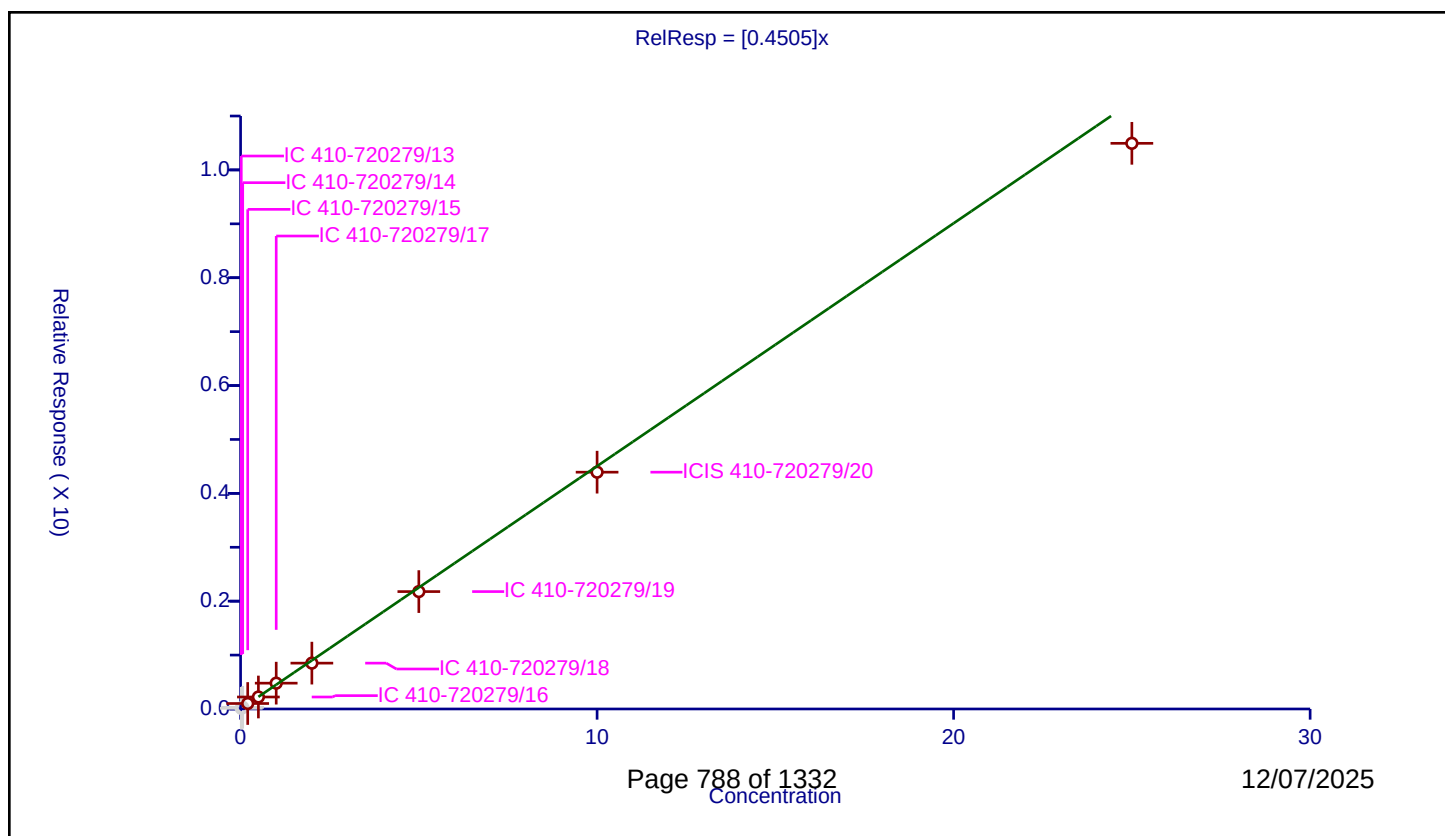
Curve Coefficients

Intercept: 0
Slope: 0.4505

Error Coefficients

Relative Standard Deviation: 7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.01284	10.0	1915919.0	0.64199	N
2	IC 410-720279/14	0.06	0.031591	10.0	1876780.0	0.526522	N
3	IC 410-720279/15	0.2	0.101885	10.0	1910483.0	0.509426	Y
4	IC 410-720279/16	0.5	0.22259	10.0	1894743.0	0.445179	Y
5	IC 410-720279/17	1.0	0.47907	10.0	1906735.0	0.47907	Y
6	IC 410-720279/18	2.0	0.850361	10.0	1942176.0	0.42518	Y
7	IC 410-720279/19	5.0	2.177909	10.0	1995997.0	0.435582	Y
8	ICIS 410-720279/20	10.0	4.392815	10.0	2057767.0	0.439282	Y
9	IC 410-720279/21	25.0	10.493338	10.0	2174373.0	0.419734	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

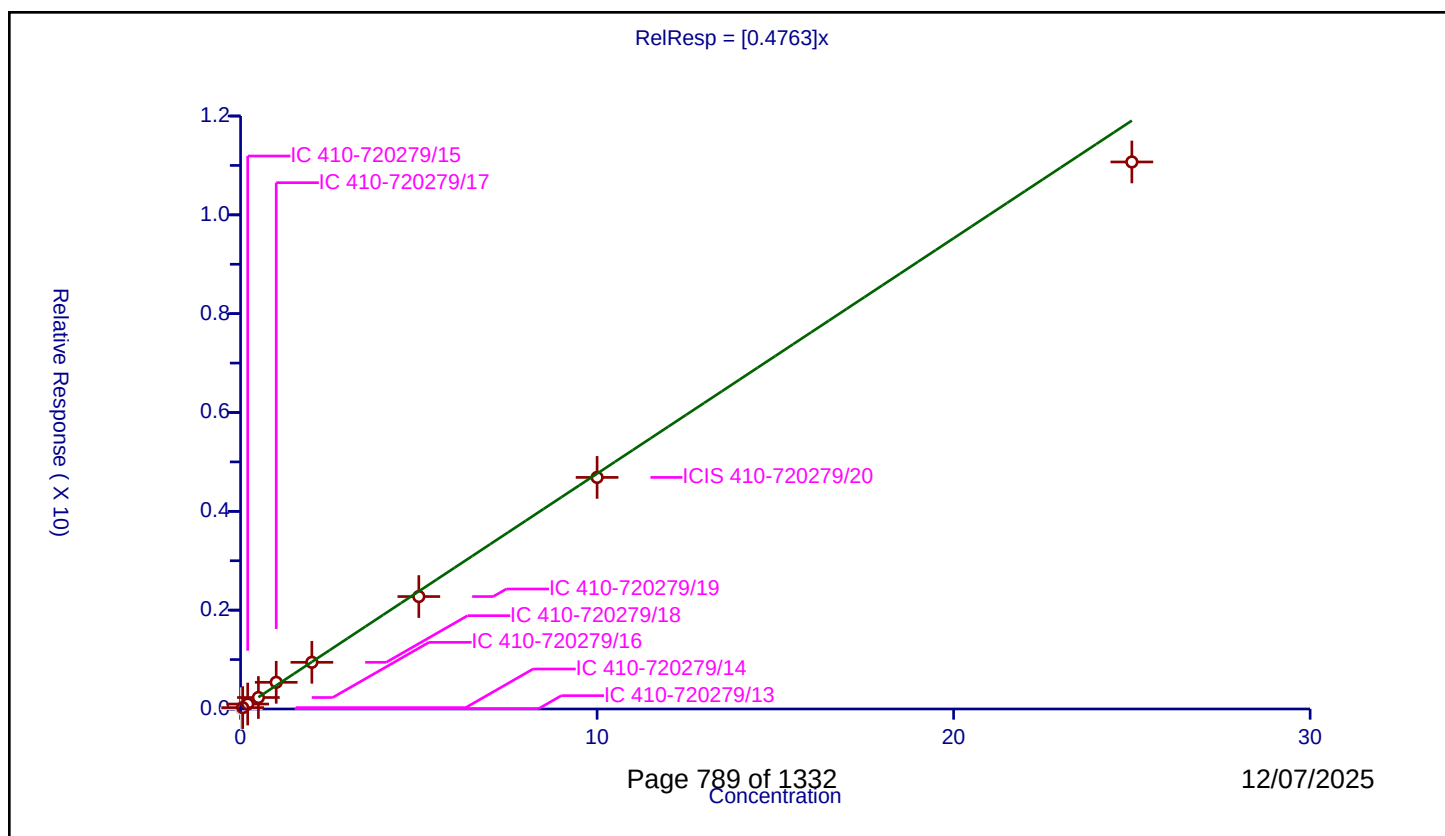
Curve Coefficients

Intercept: 0
Slope: 0.4763

Error Coefficients

Relative Standard Deviation: 6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0069	10.0	1915919.0	0.345004	N
2	IC 410-720279/14	0.06	0.028048	10.0	1876780.0	0.467467	Y
3	IC 410-720279/15	0.2	0.099896	10.0	1910483.0	0.499481	Y
4	IC 410-720279/16	0.5	0.232327	10.0	1894743.0	0.464654	Y
5	IC 410-720279/17	1.0	0.539829	10.0	1906735.0	0.539829	Y
6	IC 410-720279/18	2.0	0.944739	10.0	1942176.0	0.47237	Y
7	IC 410-720279/19	5.0	2.275494	10.0	1995997.0	0.455099	Y
8	ICIS 410-720279/20	10.0	4.686459	10.0	2057767.0	0.468646	Y
9	IC 410-720279/21	25.0	11.070019	10.0	2174373.0	0.442801	Y



Calibration

/ Vinyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

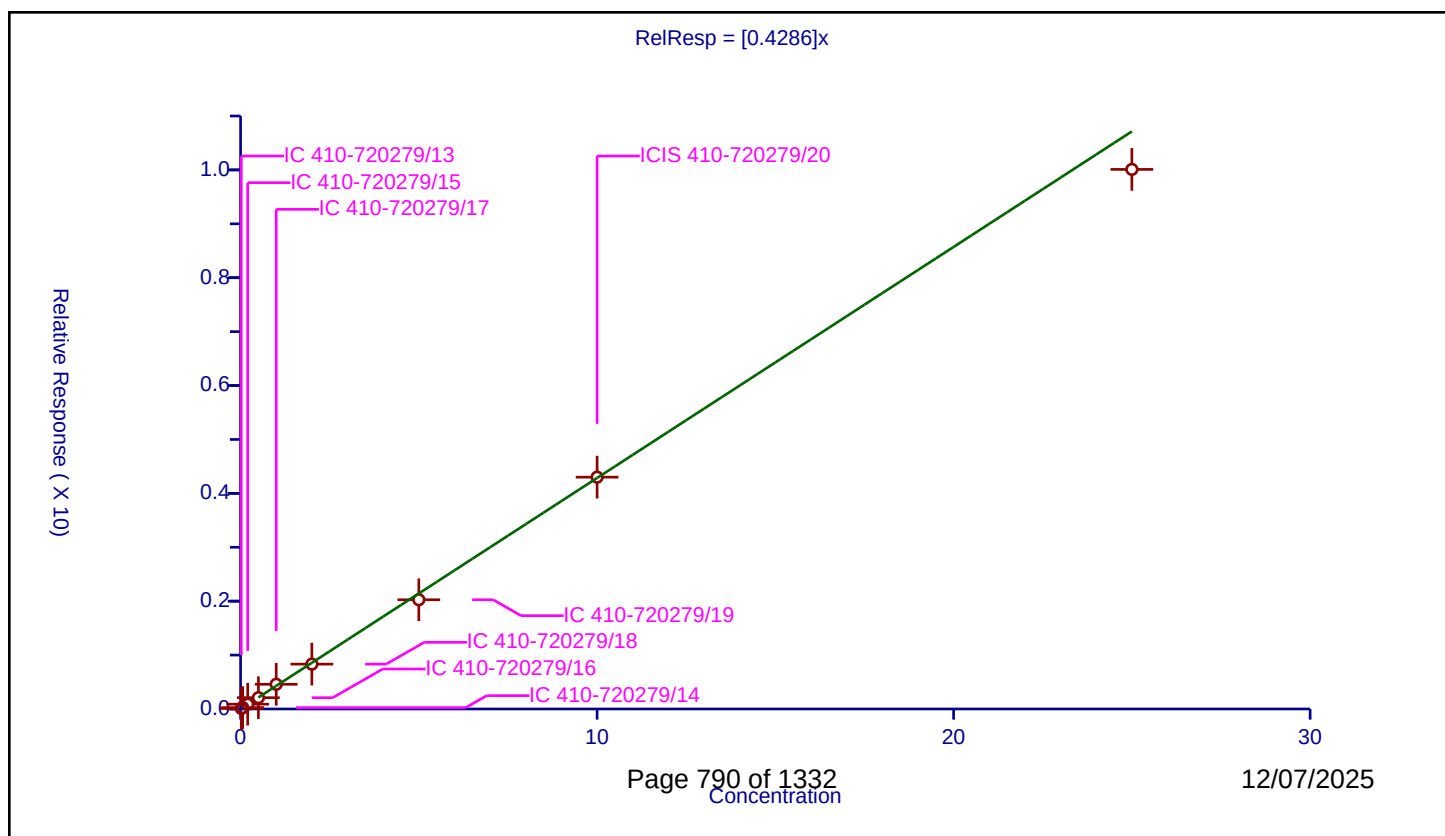
Curve Coefficients

Intercept: 0
Slope: 0.4286

Error Coefficients

Relative Standard Deviation: 5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.009197	10.0	1915919.0	0.459832	Y
2	IC 410-720279/14	0.06	0.025341	10.0	1876780.0	0.422355	Y
3	IC 410-720279/15	0.2	0.089093	10.0	1910483.0	0.445463	Y
4	IC 410-720279/16	0.5	0.209664	10.0	1894743.0	0.419329	Y
5	IC 410-720279/17	1.0	0.458234	10.0	1906735.0	0.458234	Y
6	IC 410-720279/18	2.0	0.832206	10.0	1942176.0	0.416103	Y
7	IC 410-720279/19	5.0	2.026641	10.0	1995997.0	0.405328	Y
8	ICIS 410-720279/20	10.0	4.300638	10.0	2057767.0	0.430064	Y
9	IC 410-720279/21	25.0	10.009589	10.0	2174373.0	0.400384	Y



Calibration

/ Bromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

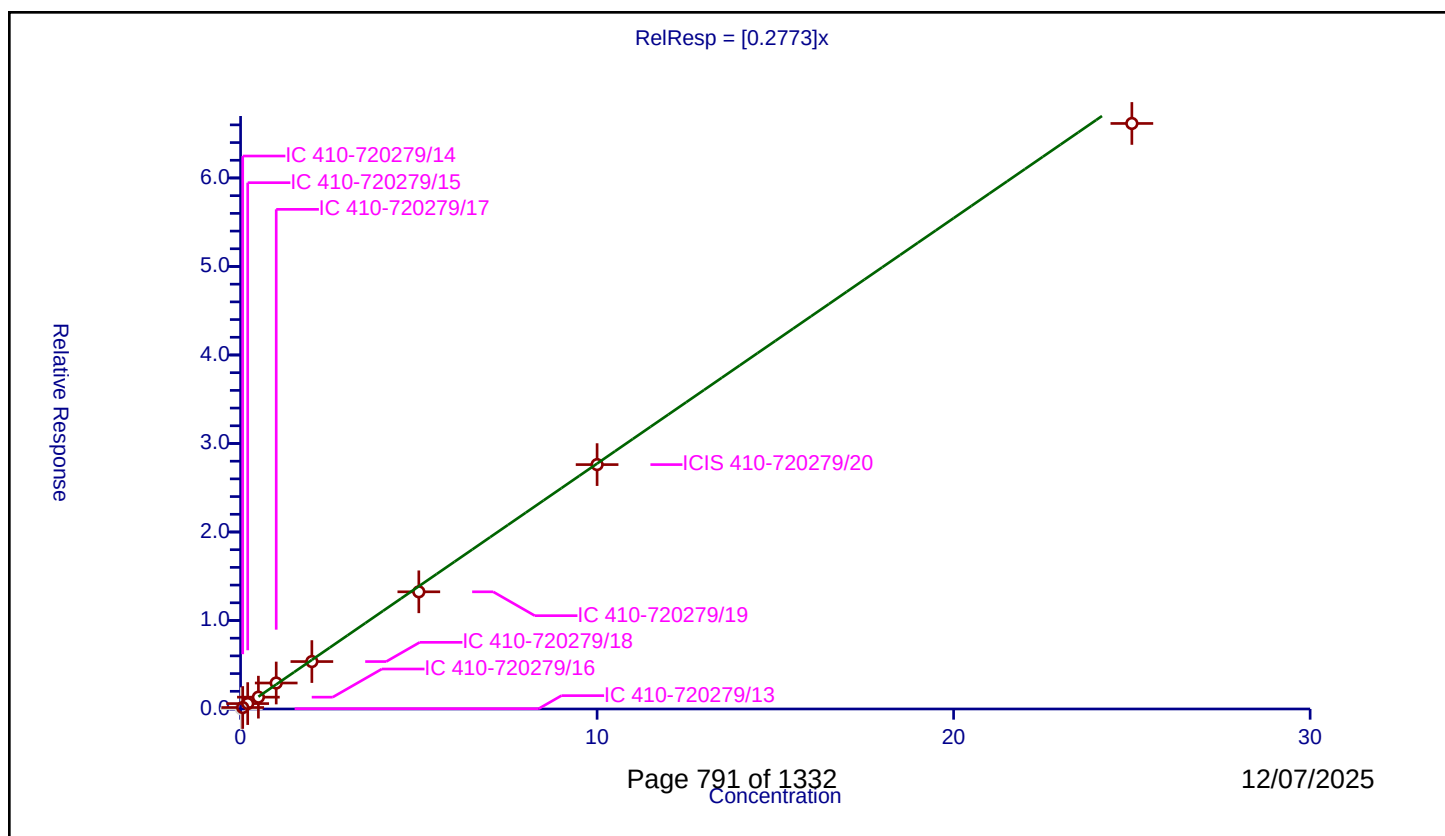
Curve Coefficients

Intercept: 0
Slope: 0.2773

Error Coefficients

Relative Standard Deviation: 5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.003403	10.0	1915919.0	0.170153	N
2	IC 410-720279/14	0.06	0.016715	10.0	1876780.0	0.27858	Y
3	IC 410-720279/15	0.2	0.060979	10.0	1910483.0	0.304897	Y
4	IC 410-720279/16	0.5	0.133754	10.0	1894743.0	0.267509	Y
5	IC 410-720279/17	1.0	0.293753	10.0	1906735.0	0.293753	Y
6	IC 410-720279/18	2.0	0.536012	10.0	1942176.0	0.268006	Y
7	IC 410-720279/19	5.0	1.32414	10.0	1995997.0	0.264828	Y
8	ICIS 410-720279/20	10.0	2.761182	10.0	2057767.0	0.276118	Y
9	IC 410-720279/21	25.0	6.615834	10.0	2174373.0	0.264633	Y



Calibration

/ Chloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

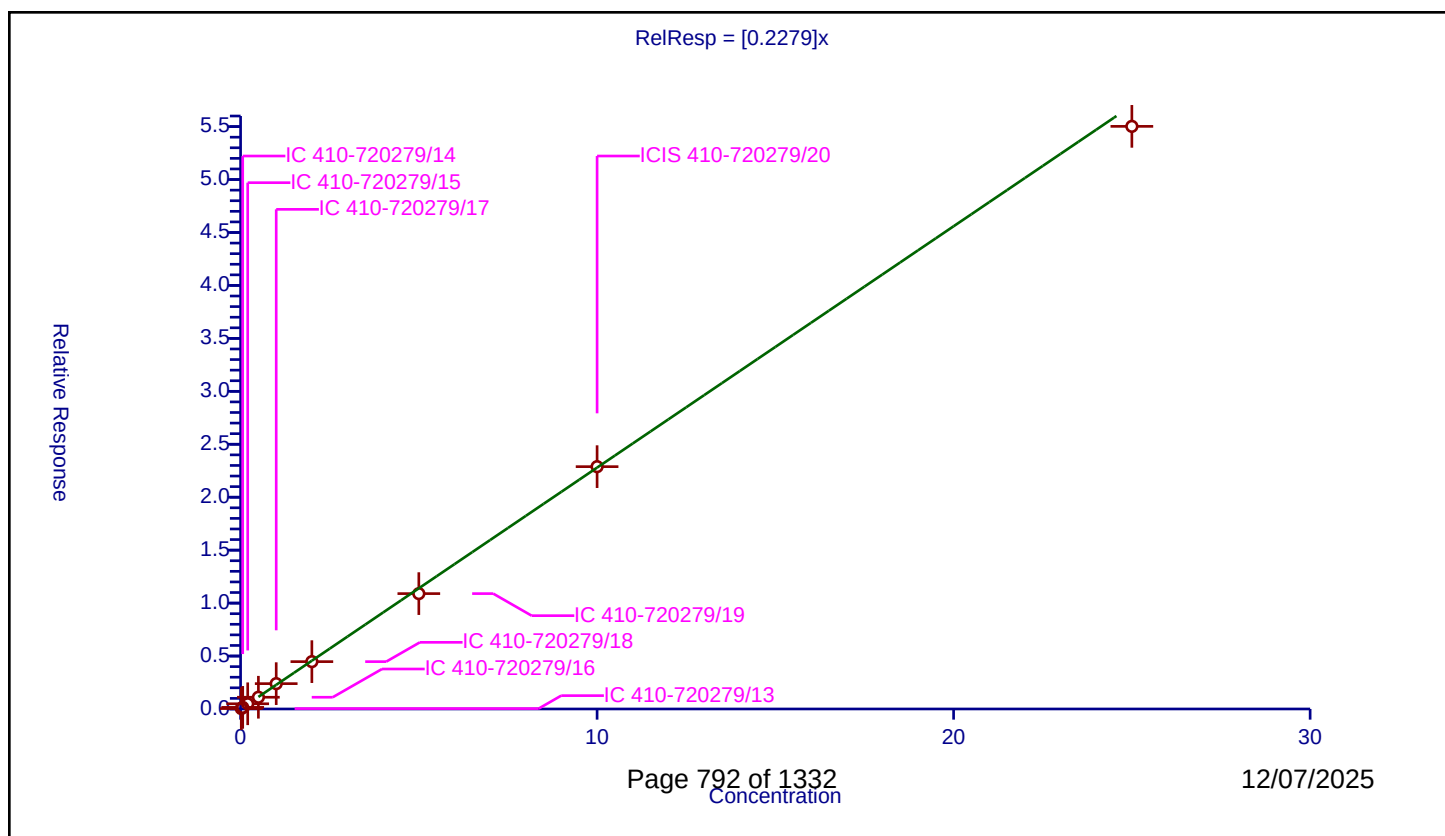
Curve Coefficients

Intercept: 0
Slope: 0.2279

Error Coefficients

Relative Standard Deviation: 7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.004009	10.0	1915919.0	0.200426	Y
2	IC 410-720279/14	0.06	0.015239	10.0	1876780.0	0.253981	Y
3	IC 410-720279/15	0.2	0.049118	10.0	1910483.0	0.245592	Y
4	IC 410-720279/16	0.5	0.110838	10.0	1894743.0	0.221677	Y
5	IC 410-720279/17	1.0	0.239294	10.0	1906735.0	0.239294	Y
6	IC 410-720279/18	2.0	0.447215	10.0	1942176.0	0.223607	Y
7	IC 410-720279/19	5.0	1.089681	10.0	1995997.0	0.217936	Y
8	ICIS 410-720279/20	10.0	2.288563	10.0	2057767.0	0.228856	Y
9	IC 410-720279/21	25.0	5.502244	10.0	2174373.0	0.22009	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

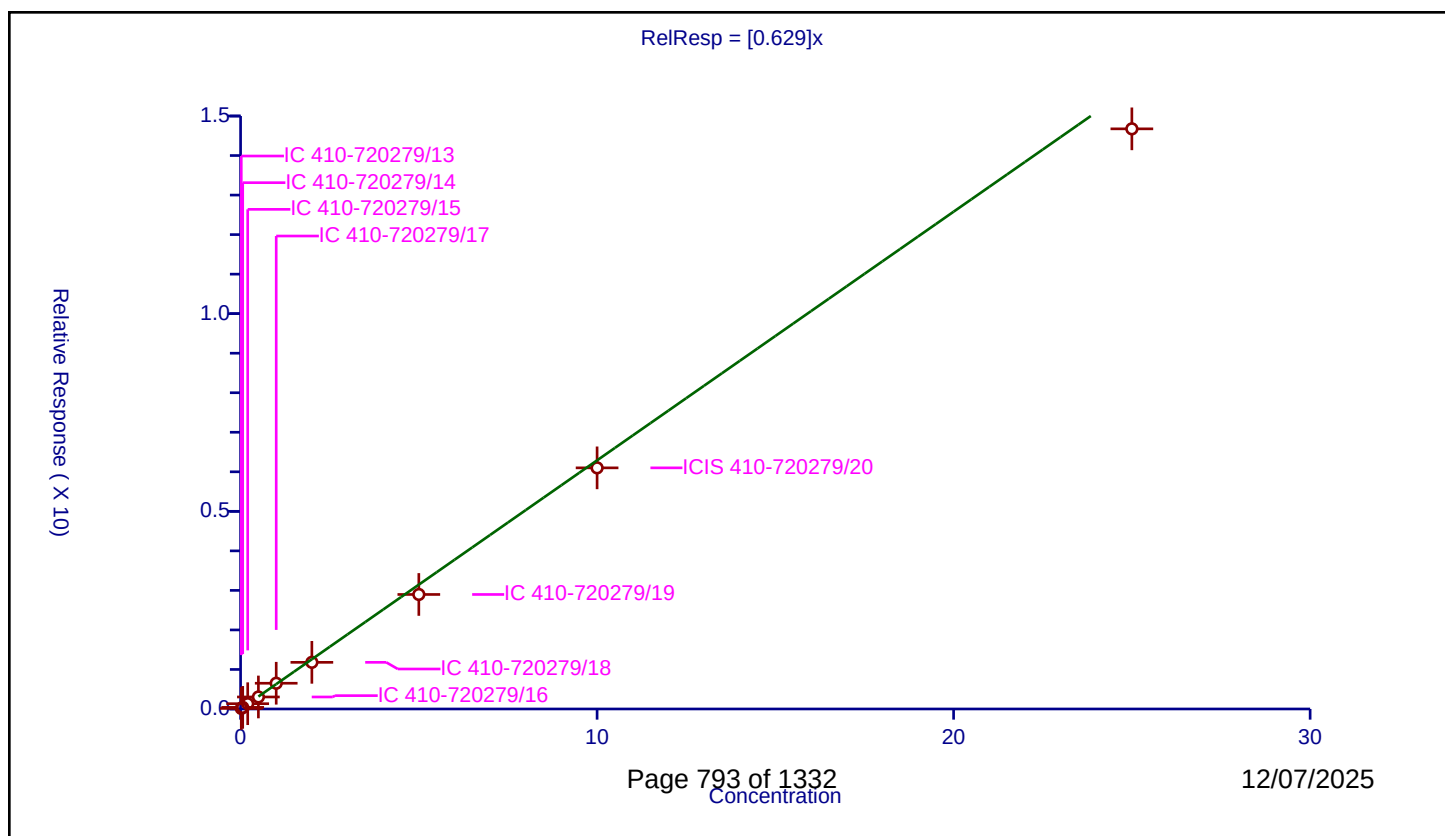
Curve Coefficients

Intercept: 0
Slope: 0.629

Error Coefficients

Relative Standard Deviation: 6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.013785	10.0	1915919.0	0.689225	Y
2	IC 410-720279/14	0.06	0.04074	10.0	1876780.0	0.679	Y
3	IC 410-720279/15	0.2	0.133579	10.0	1910483.0	0.667894	Y
4	IC 410-720279/16	0.5	0.30363	10.0	1894743.0	0.607259	Y
5	IC 410-720279/17	1.0	0.650992	10.0	1906735.0	0.650992	Y
6	IC 410-720279/18	2.0	1.179867	10.0	1942176.0	0.589934	Y
7	IC 410-720279/19	5.0	2.897124	10.0	1995997.0	0.579425	Y
8	ICIS 410-720279/20	10.0	6.099777	10.0	2057767.0	0.609978	Y
9	IC 410-720279/21	25.0	14.675357	10.0	2174373.0	0.587014	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

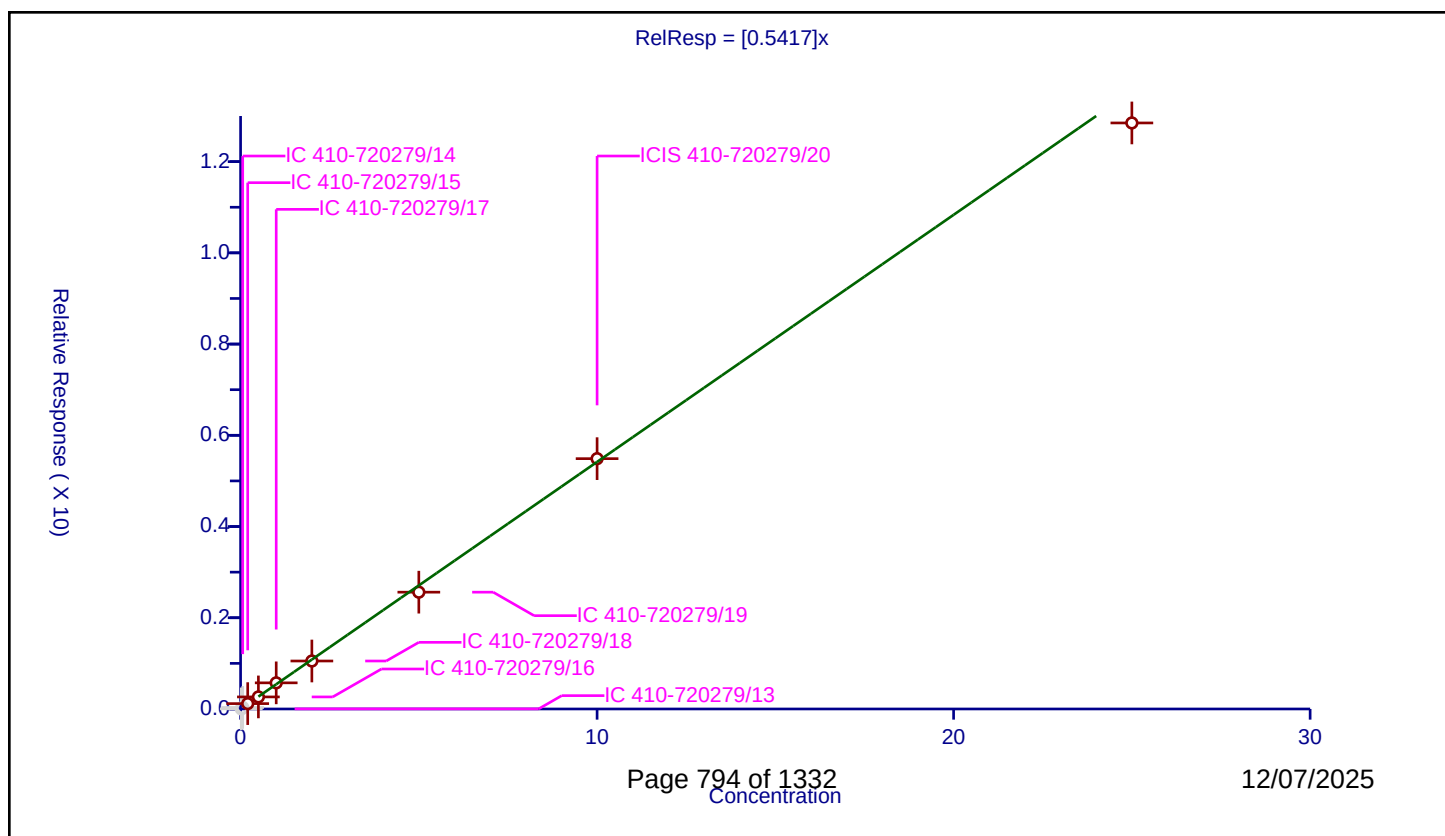
Curve Coefficients

Intercept: 0
Slope: 0.5417

Error Coefficients

Relative Standard Deviation: 5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.002881	10.0	1915919.0	0.144056	N
2	IC 410-720279/14	0.06	0.033547	10.0	1876780.0	0.559114	N
3	IC 410-720279/15	0.2	0.117808	10.0	1910483.0	0.58904	Y
4	IC 410-720279/16	0.5	0.264379	10.0	1894743.0	0.528758	Y
5	IC 410-720279/17	1.0	0.573137	10.0	1906735.0	0.573137	Y
6	IC 410-720279/18	2.0	1.051861	10.0	1942176.0	0.525931	Y
7	IC 410-720279/19	5.0	2.560815	10.0	1995997.0	0.512163	Y
8	ICIS 410-720279/20	10.0	5.488168	10.0	2057767.0	0.548817	Y
9	IC 410-720279/21	25.0	12.84803	10.0	2174373.0	0.513921	Y



Calibration

/ Ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

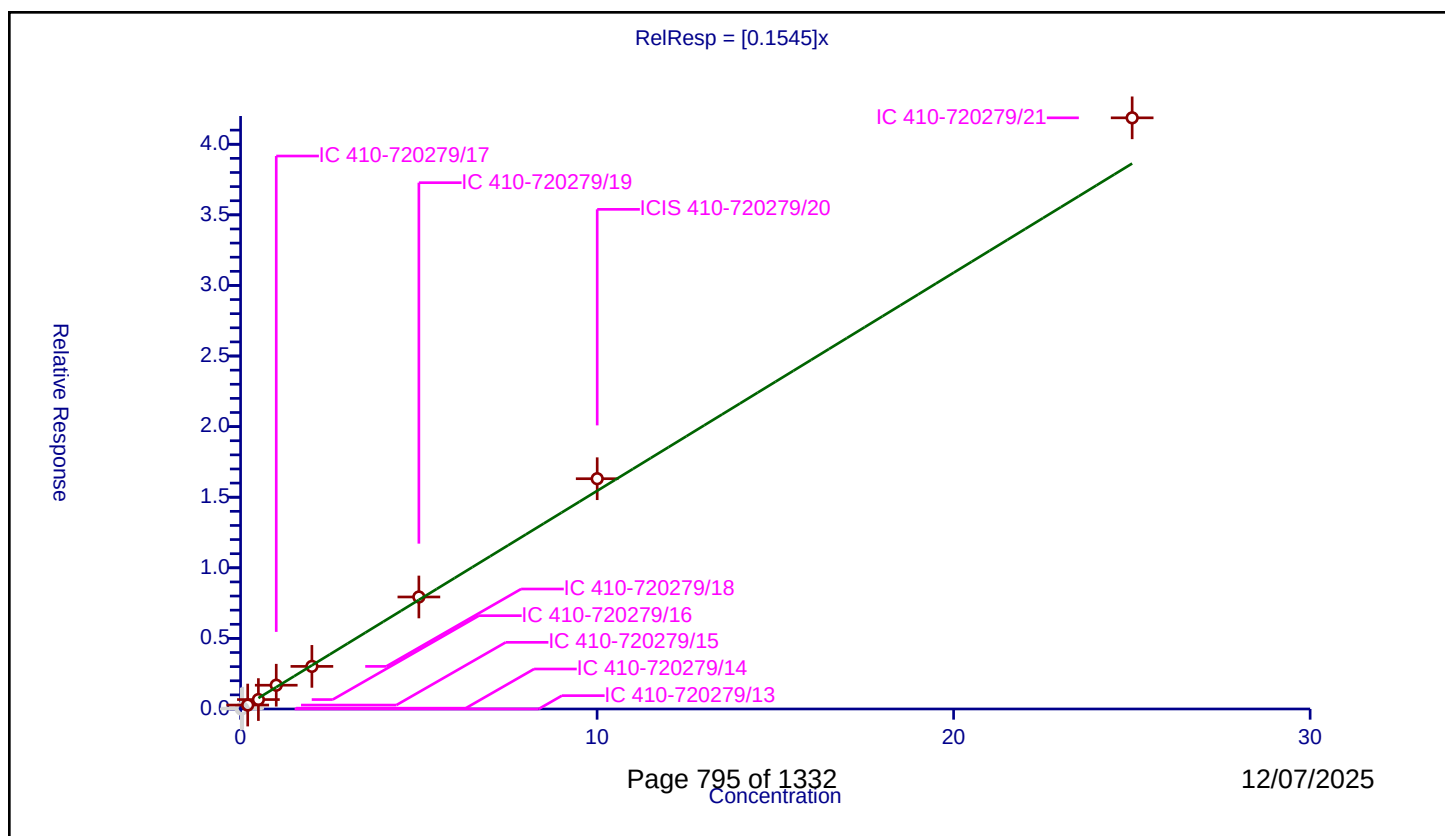
Curve Coefficients

Intercept: 0
Slope: 0.1545

Error Coefficients

Relative Standard Deviation: 8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.020007	0.0	10.0	1915919.0	0.0	N
2	IC 410-720279/14	0.06002	0.005728	10.0	1876780.0	0.095433	N
3	IC 410-720279/15	0.200066	0.02793	10.0	1910483.0	0.139604	Y
4	IC 410-720279/16	0.500166	0.066811	10.0	1894743.0	0.133578	Y
5	IC 410-720279/17	1.000332	0.168345	10.0	1906735.0	0.168289	Y
6	IC 410-720279/18	2.000664	0.301801	10.0	1942176.0	0.15085	Y
7	IC 410-720279/19	5.00166	0.793418	10.0	1995997.0	0.158631	Y
8	ICIS 410-720279/20	10.00332	1.631103	10.0	2057767.0	0.163056	Y
9	IC 410-720279/21	25.0083	4.187069	10.0	2174373.0	0.167427	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

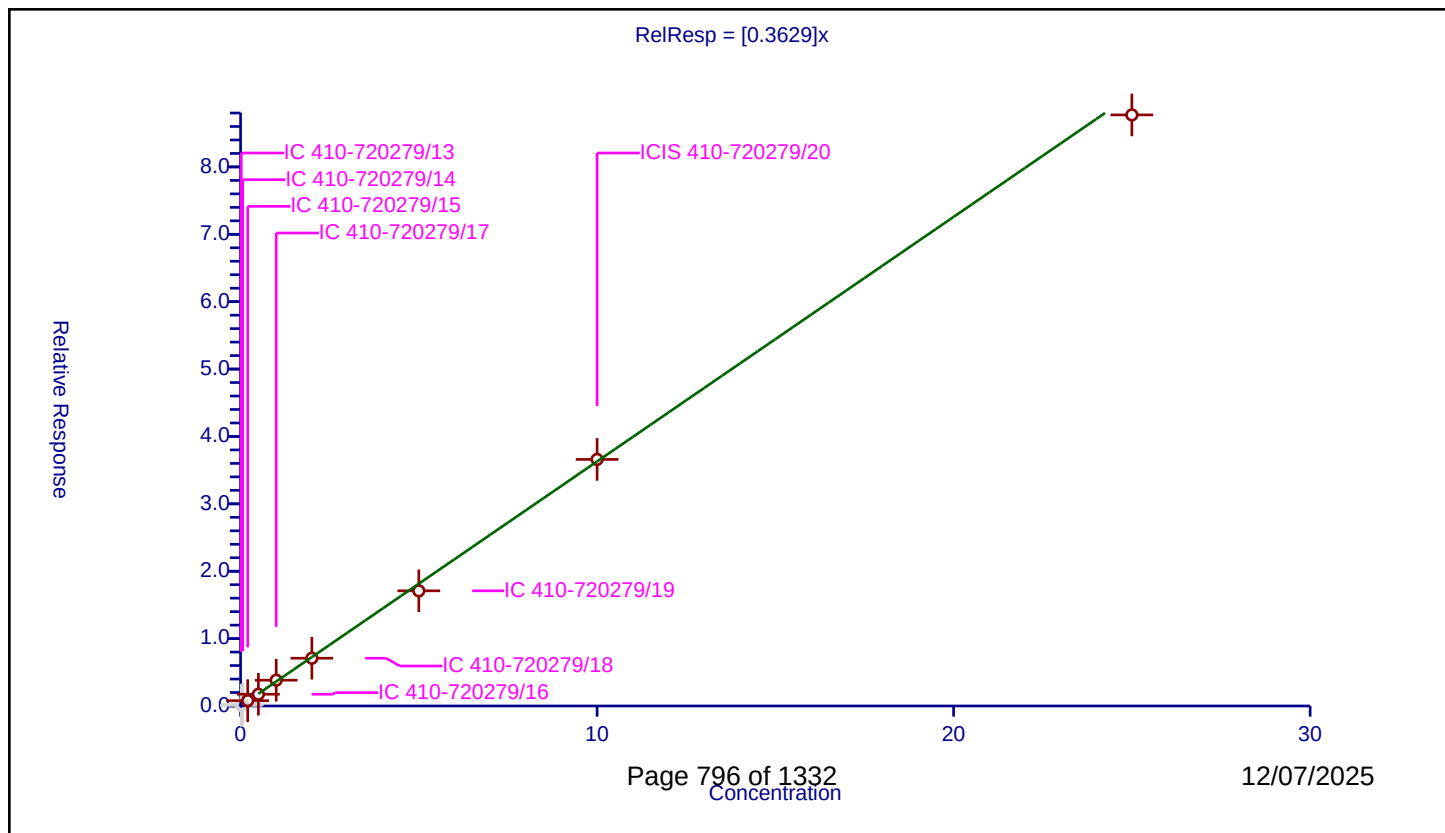
Curve Coefficients

Intercept: 0
Slope: 0.3629

Error Coefficients

Relative Standard Deviation: 5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.00939	10.0	1915919.0	0.469487	N
2	IC 410-720279/14	0.06	0.024995	10.0	1876780.0	0.416582	N
3	IC 410-720279/15	0.2	0.079142	10.0	1910483.0	0.395711	Y
4	IC 410-720279/16	0.5	0.174335	10.0	1894743.0	0.34867	Y
5	IC 410-720279/17	1.0	0.382922	10.0	1906735.0	0.382922	Y
6	IC 410-720279/18	2.0	0.709086	10.0	1942176.0	0.354543	Y
7	IC 410-720279/19	5.0	1.708915	10.0	1995997.0	0.341783	Y
8	ICIS 410-720279/20	10.0	3.659433	10.0	2057767.0	0.365943	Y
9	IC 410-720279/21	25.0	8.77194	10.0	2174373.0	0.350878	Y



Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

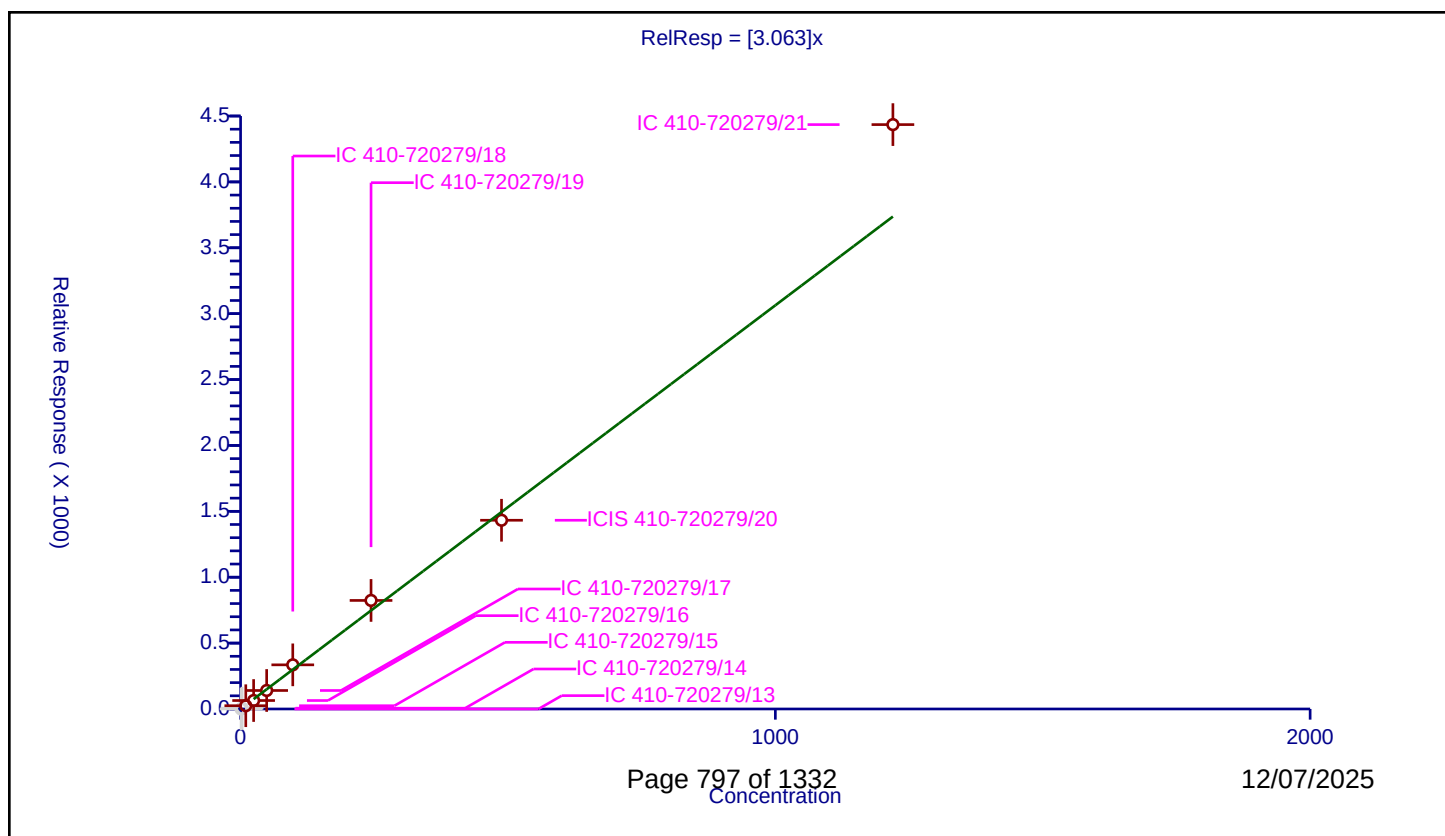
Curve Coefficients

Intercept: 0
Slope: 3.063

Error Coefficients

Relative Standard Deviation: 13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.975881	0.0	50.0	30751.0	0.0	N
2	IC 410-720279/14	2.927642	6.0849	50.0	68292.0	2.07843	N
3	IC 410-720279/15	9.758807	24.887686	50.0	60767.0	2.55028	Y
4	IC 410-720279/16	24.397017	64.312101	50.0	63614.0	2.636064	Y
5	IC 410-720279/17	48.794034	140.363005	50.0	65674.0	2.876643	Y
6	IC 410-720279/18	97.588068	335.047139	50.0	58126.0	3.43328	Y
7	IC 410-720279/19	243.970171	823.738186	50.0	62212.0	3.376389	Y
8	ICIS 410-720279/20	487.940342	1432.359076	50.0	76229.0	2.935521	Y
9	IC 410-720279/21	1219.850856	4434.782798	50.0	68968.0	3.635512	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

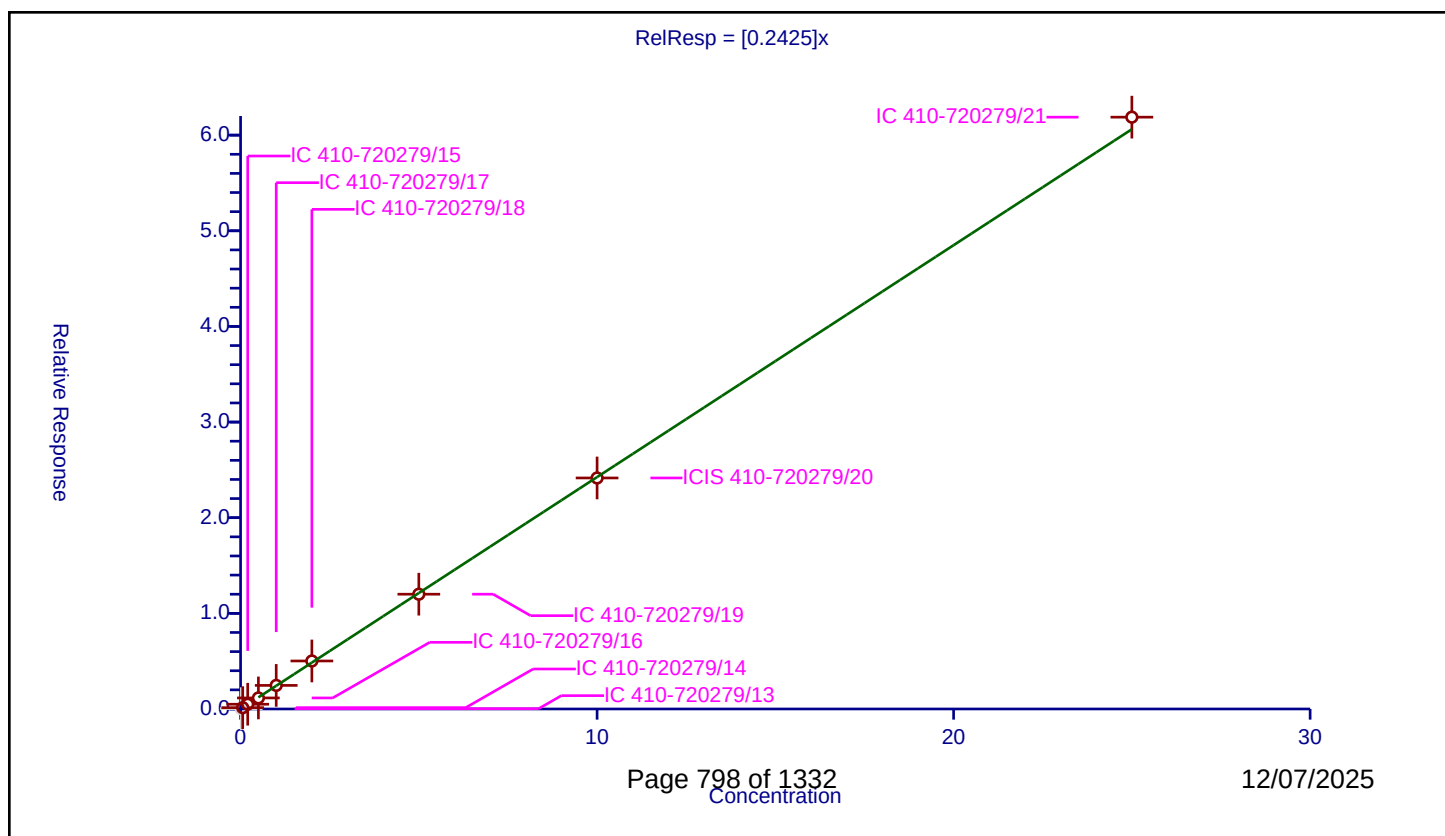
Curve Coefficients

Intercept: 0
Slope: 0.2425

Error Coefficients

Relative Standard Deviation: 3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.00346	10.0	1915919.0	0.173024	N
2	IC 410-720279/14	0.06	0.013981	10.0	1876780.0	0.233023	Y
3	IC 410-720279/15	0.2	0.049815	10.0	1910483.0	0.249073	Y
4	IC 410-720279/16	0.5	0.11552	10.0	1894743.0	0.231039	Y
5	IC 410-720279/17	1.0	0.246563	10.0	1906735.0	0.246563	Y
6	IC 410-720279/18	2.0	0.501947	10.0	1942176.0	0.250974	Y
7	IC 410-720279/19	5.0	1.200152	10.0	1995997.0	0.24003	Y
8	ICIS 410-720279/20	10.0	2.415424	10.0	2057767.0	0.241542	Y
9	IC 410-720279/21	25.0	6.188037	10.0	2174373.0	0.247521	Y



Calibration

/ Acetone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

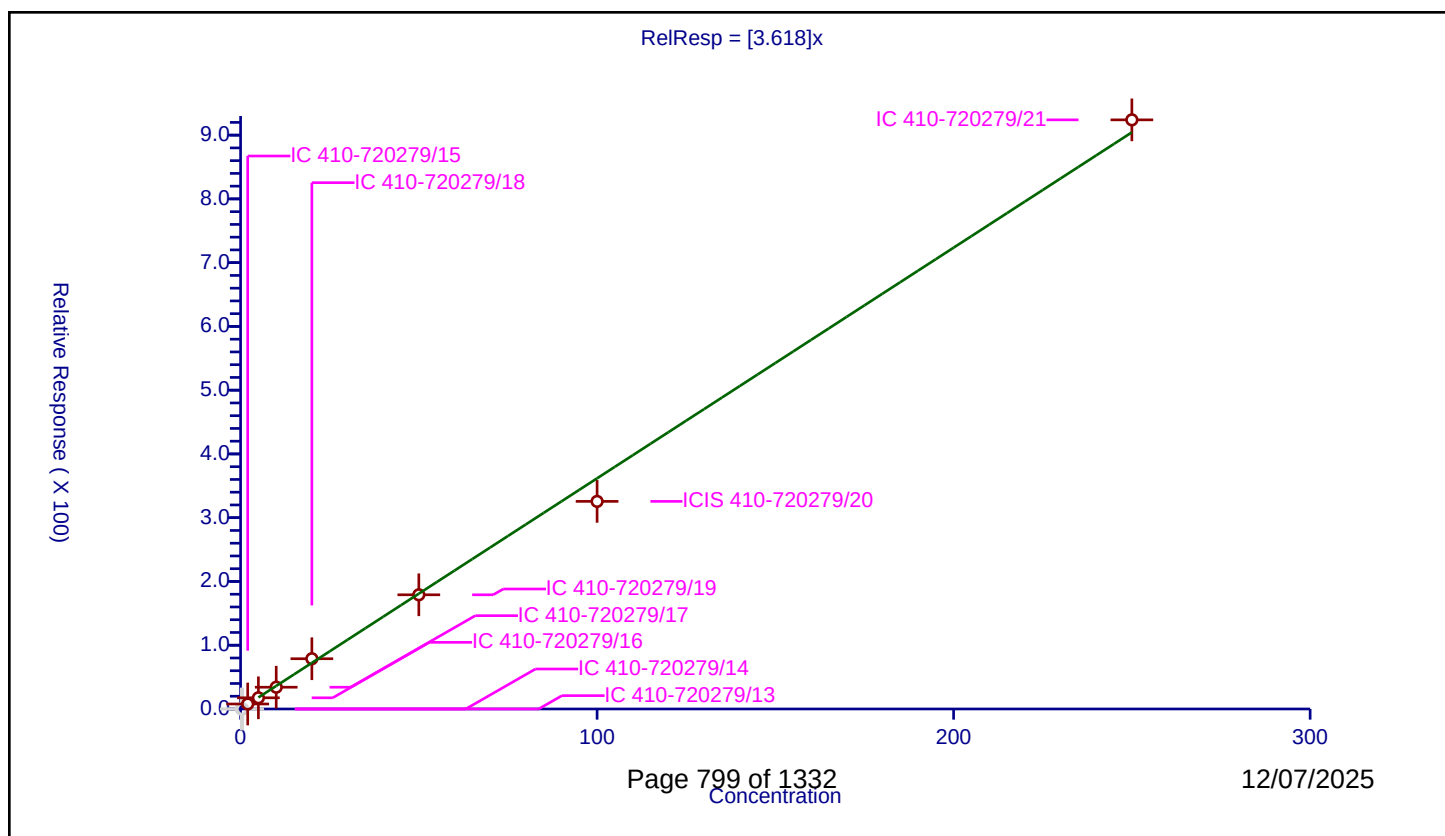
Curve Coefficients

Intercept: 0
Slope: 3.618

Error Coefficients

Relative Standard Deviation: 7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.2	0.0	50.0	30751.0	0.0	N
2	IC 410-720279/14	0.6	0.0	50.0	68292.0	0.0	N
3	IC 410-720279/15	2.0	7.849655	50.0	60767.0	3.924828	Y
4	IC 410-720279/16	5.0	17.543308	50.0	63614.0	3.508662	Y
5	IC 410-720279/17	10.0	34.145172	50.0	65674.0	3.414517	Y
6	IC 410-720279/18	20.0	78.812408	50.0	58126.0	3.94062	Y
7	IC 410-720279/19	50.0	179.11014	50.0	62212.0	3.582203	Y
8	ICIS 410-720279/20	100.0	325.592622	50.0	76229.0	3.255926	Y
9	IC 410-720279/21	250.0	923.994461	50.0	68968.0	3.695978	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

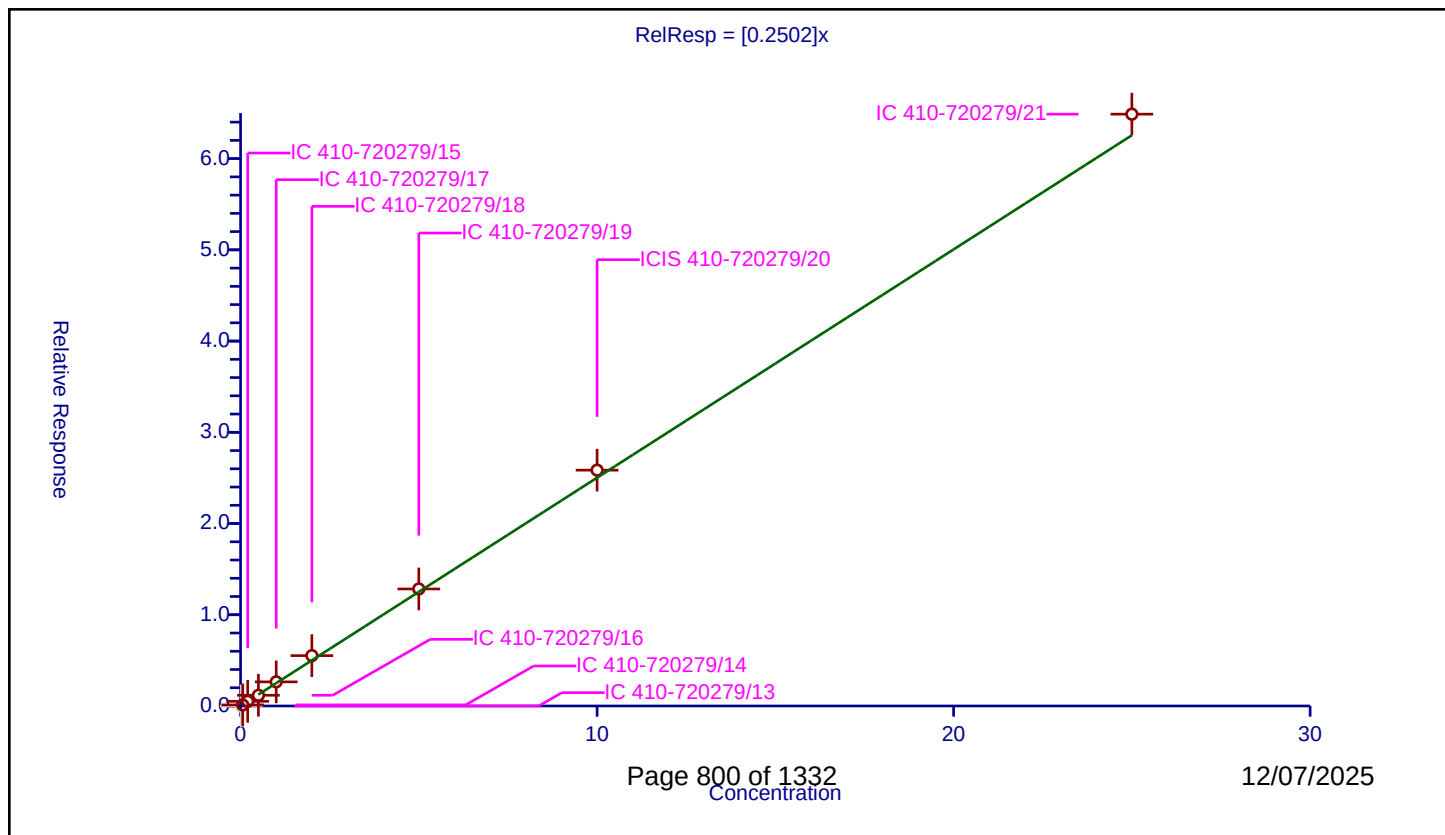
Curve Coefficients

Intercept: 0
Slope: 0.2502

Error Coefficients

Relative Standard Deviation: 9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0	10.0	1915919.0	0.0	N
2	IC 410-720279/14	0.06	0.011728	10.0	1876780.0	0.195459	Y
3	IC 410-720279/15	0.2	0.051228	10.0	1910483.0	0.256139	Y
4	IC 410-720279/16	0.5	0.117631	10.0	1894743.0	0.235261	Y
5	IC 410-720279/17	1.0	0.264505	10.0	1906735.0	0.264505	Y
6	IC 410-720279/18	2.0	0.551891	10.0	1942176.0	0.275946	Y
7	IC 410-720279/19	5.0	1.282923	10.0	1995997.0	0.256585	Y
8	ICIS 410-720279/20	10.0	2.585137	10.0	2057767.0	0.258514	Y
9	IC 410-720279/21	25.0	6.487401	10.0	2174373.0	0.259496	Y



Calibration

/ Iodomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

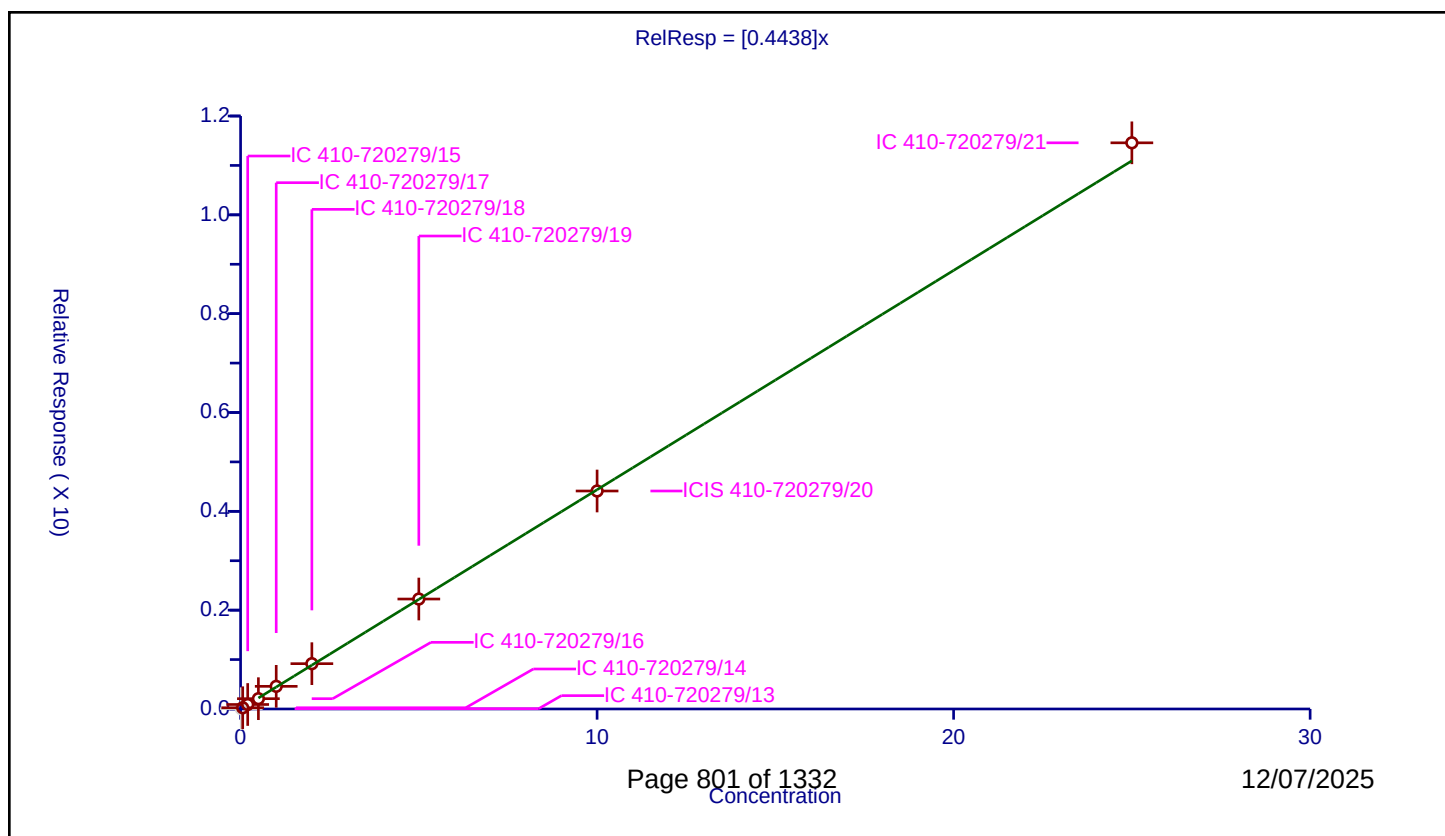
Curve Coefficients

Intercept: 0
Slope: 0.4438

Error Coefficients

Relative Standard Deviation: 4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.006013	10.0	1915919.0	0.300639	N
2	IC 410-720279/14	0.06	0.025011	10.0	1876780.0	0.416849	Y
3	IC 410-720279/15	0.2	0.090794	10.0	1910483.0	0.453969	Y
4	IC 410-720279/16	0.5	0.208788	10.0	1894743.0	0.417576	Y
5	IC 410-720279/17	1.0	0.458669	10.0	1906735.0	0.458669	Y
6	IC 410-720279/18	2.0	0.916971	10.0	1942176.0	0.458486	Y
7	IC 410-720279/19	5.0	2.225454	10.0	1995997.0	0.445091	Y
8	ICIS 410-720279/20	10.0	4.411544	10.0	2057767.0	0.441154	Y
9	IC 410-720279/21	25.0	11.457468	10.0	2174373.0	0.458299	Y



Calibration

/ Ethyl bromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

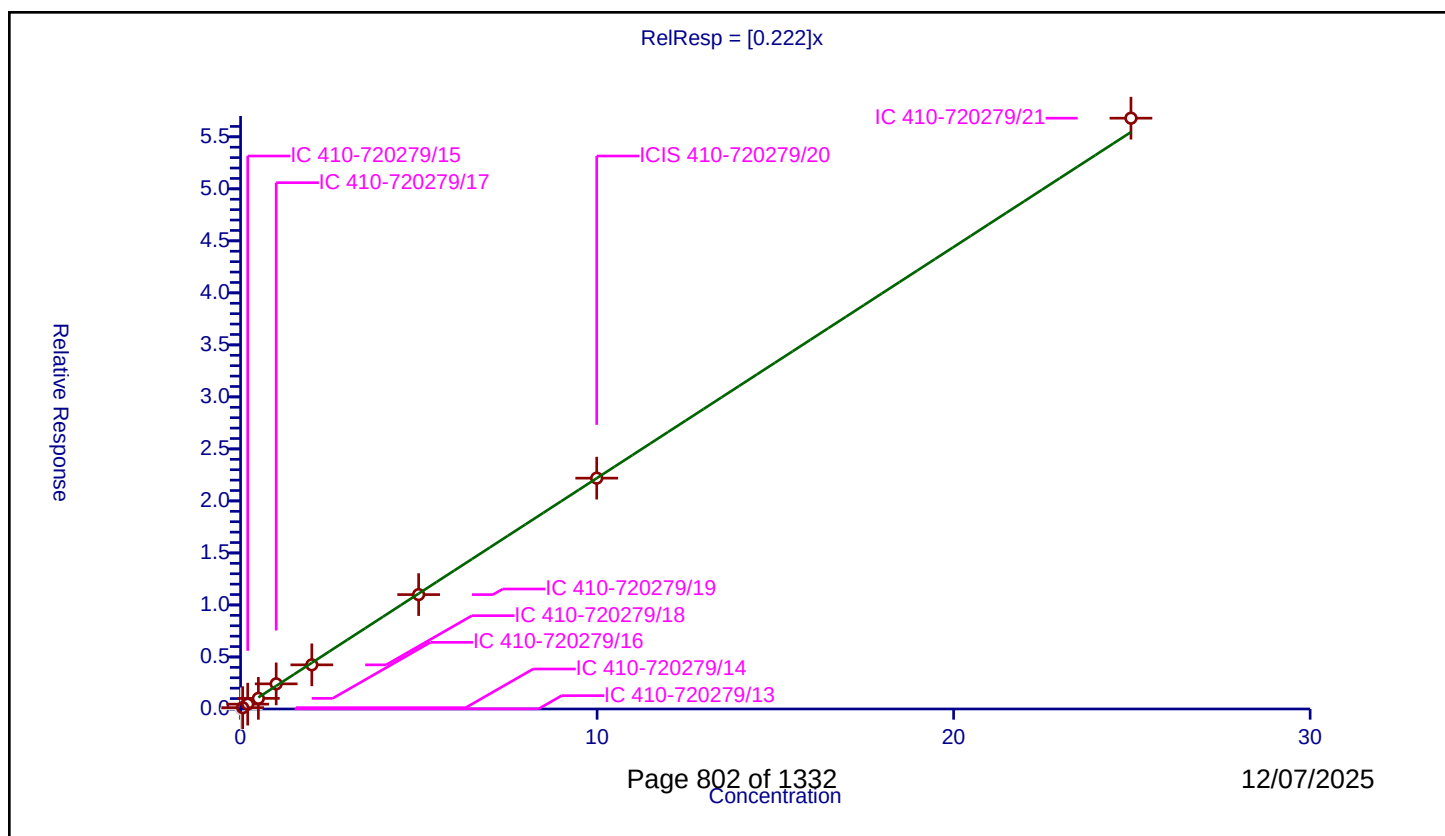
Curve Coefficients

Intercept: 0
 Slope: 0.222

Error Coefficients

Relative Standard Deviation: 5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.01998	0.001608	10.0	1915919.0	0.080462	N
2	IC 410-720279/14	0.059939	0.012868	10.0	1876780.0	0.214683	Y
3	IC 410-720279/15	0.199795	0.046622	10.0	1910483.0	0.233348	Y
4	IC 410-720279/16	0.499488	0.102098	10.0	1894743.0	0.204406	Y
5	IC 410-720279/17	0.998976	0.24168	10.0	1906735.0	0.241928	Y
6	IC 410-720279/18	1.997952	0.424241	10.0	1942176.0	0.212338	Y
7	IC 410-720279/19	4.99488	1.099601	10.0	1995997.0	0.220146	Y
8	ICIS 410-720279/20	9.98976	2.218925	10.0	2057767.0	0.22212	Y
9	IC 410-720279/21	24.9744	5.679361	10.0	2174373.0	0.227407	Y



Calibration

/ Carbon disulfide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

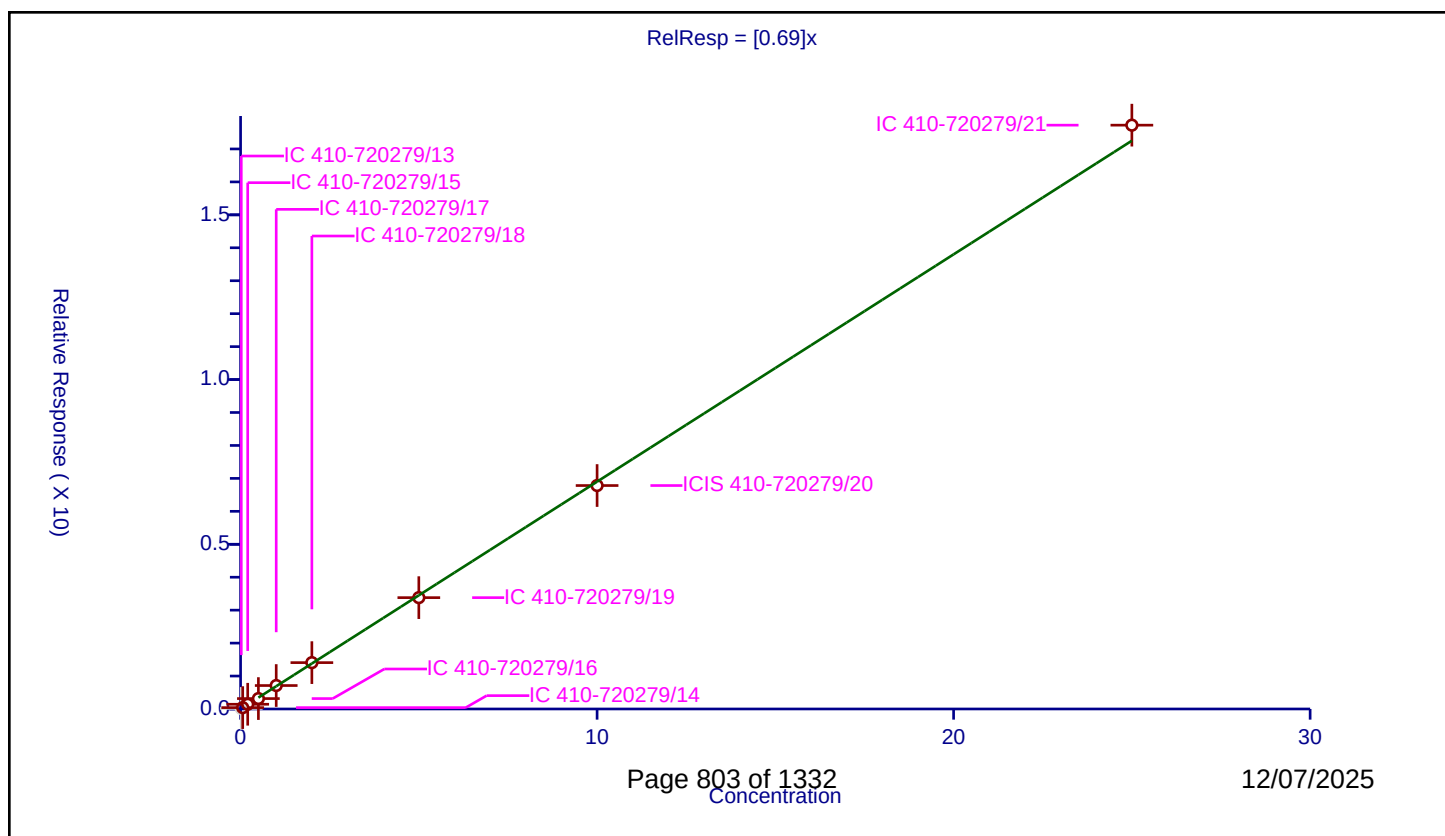
Curve Coefficients

Intercept: 0
Slope: 0.69

Error Coefficients

Relative Standard Deviation: 4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.01665	10.0	1915919.0	0.832499	N
2	IC 410-720279/14	0.06	0.04139	10.0	1876780.0	0.689834	Y
3	IC 410-720279/15	0.2	0.143707	10.0	1910483.0	0.718536	Y
4	IC 410-720279/16	0.5	0.316291	10.0	1894743.0	0.632582	Y
5	IC 410-720279/17	1.0	0.712149	10.0	1906735.0	0.712149	Y
6	IC 410-720279/18	2.0	1.407463	10.0	1942176.0	0.703731	Y
7	IC 410-720279/19	5.0	3.38015	10.0	1995997.0	0.67603	Y
8	ICIS 410-720279/20	10.0	6.782736	10.0	2057767.0	0.678274	Y
9	IC 410-720279/21	25.0	17.722727	10.0	2174373.0	0.708909	Y



Calibration

/ Methyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

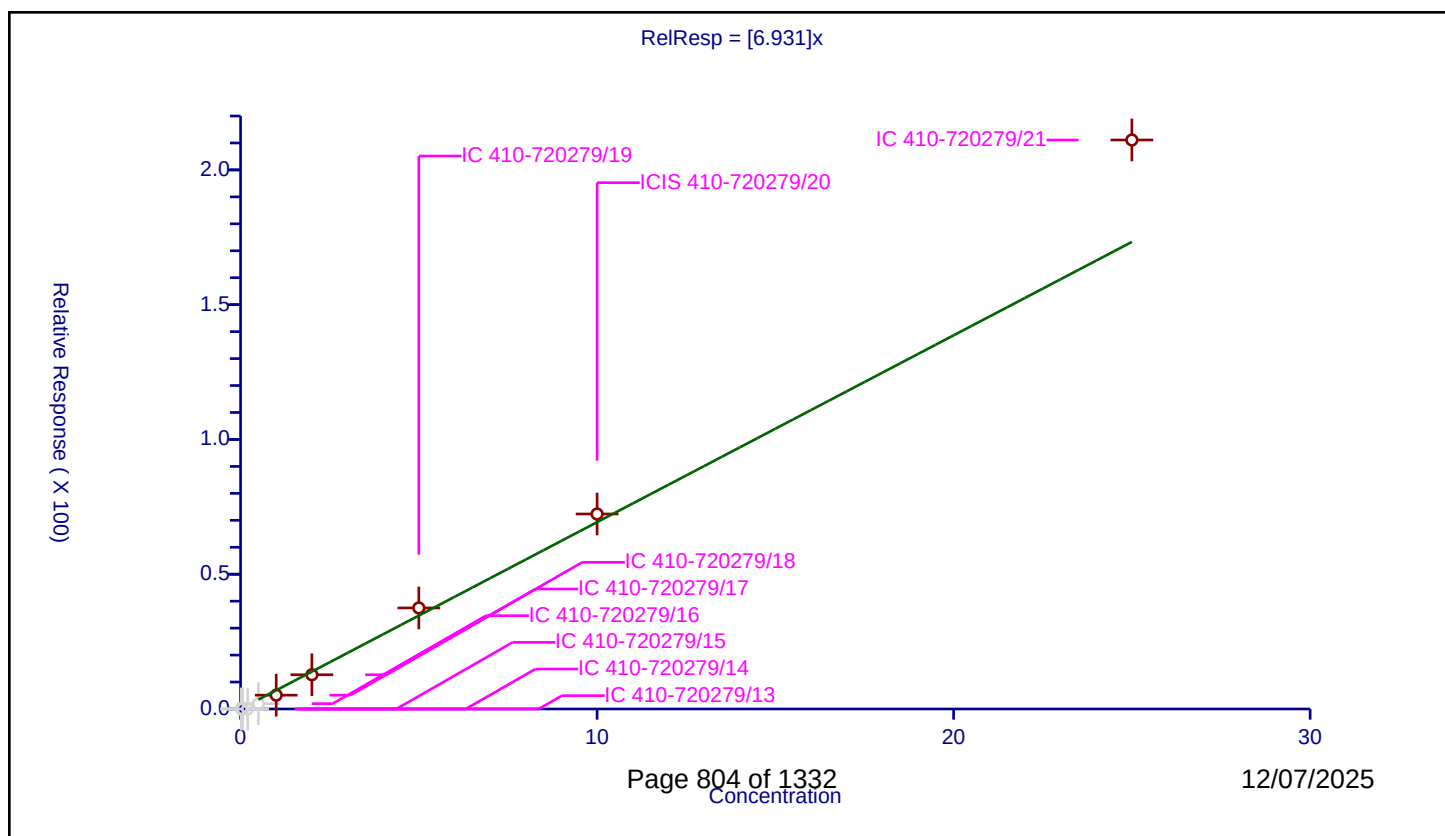
Curve Coefficients

Intercept: 0
Slope: 6.931

Error Coefficients

Relative Standard Deviation: 18.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0	50.0	30751.0	0.0	N
2	IC 410-720279/14	0.06	0.0	50.0	68292.0	0.0	N
3	IC 410-720279/15	0.2	0.0	50.0	60767.0	0.0	N
4	IC 410-720279/16	0.5	1.970478	50.0	63614.0	3.940956	N
5	IC 410-720279/17	1.0	5.132168	50.0	65674.0	5.132168	Y
6	IC 410-720279/18	2.0	12.694835	50.0	58126.0	6.347418	Y
7	IC 410-720279/19	5.0	37.495981	50.0	62212.0	7.499196	Y
8	ICIS 410-720279/20	10.0	72.343859	50.0	76229.0	7.234386	Y
9	IC 410-720279/21	25.0	211.1066	50.0	68968.0	8.444264	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

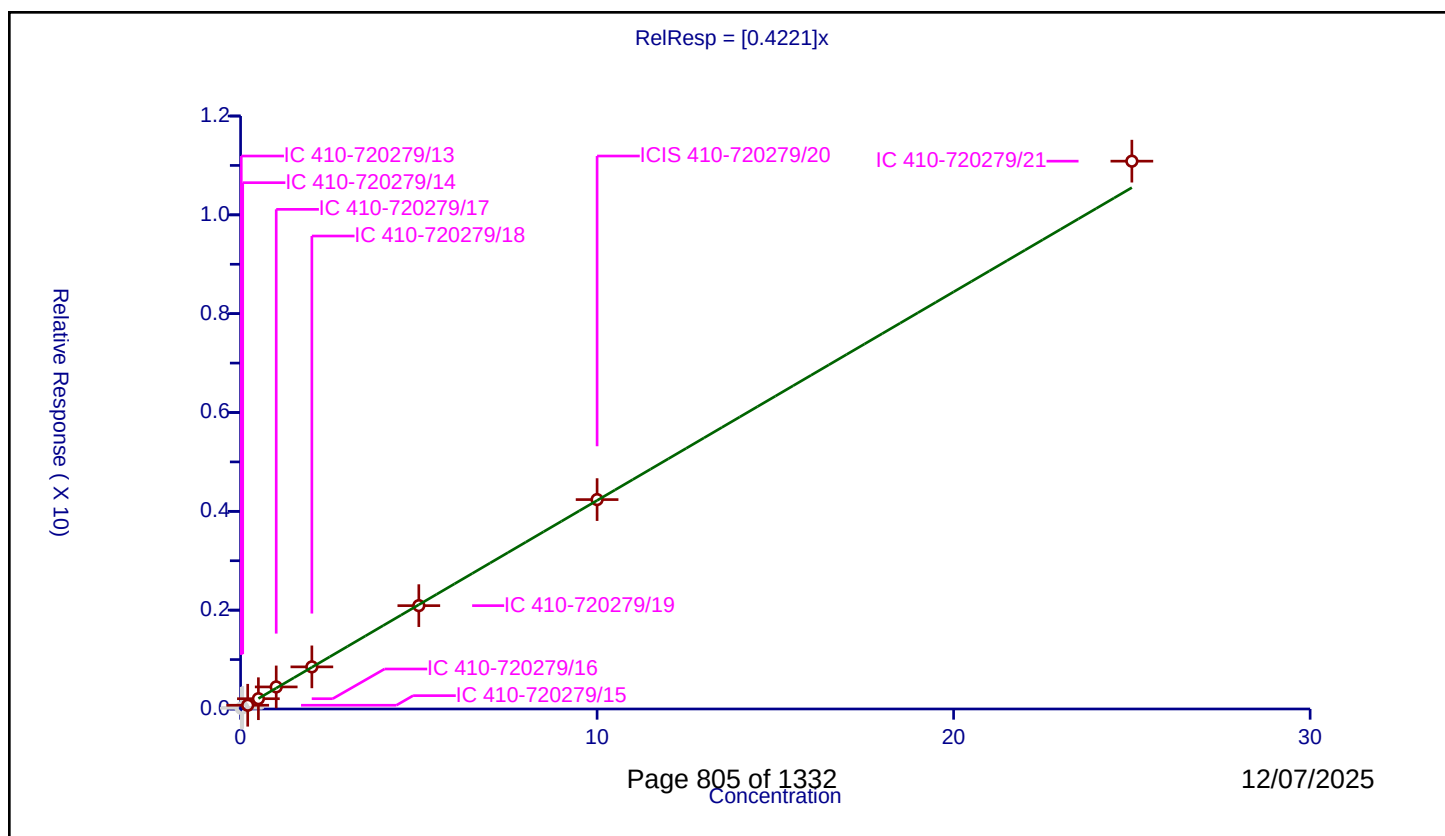
Curve Coefficients

Intercept: 0
Slope: 0.4221

Error Coefficients

Relative Standard Deviation: 5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.014599	10.0	1915919.0	0.729937	N
2	IC 410-720279/14	0.06	0.031064	10.0	1876780.0	0.517731	N
3	IC 410-720279/15	0.2	0.075965	10.0	1910483.0	0.379825	Y
4	IC 410-720279/16	0.5	0.208192	10.0	1894743.0	0.416384	Y
5	IC 410-720279/17	1.0	0.446412	10.0	1906735.0	0.446412	Y
6	IC 410-720279/18	2.0	0.852369	10.0	1942176.0	0.426184	Y
7	IC 410-720279/19	5.0	2.091621	10.0	1995997.0	0.418324	Y
8	ICIS 410-720279/20	10.0	4.237793	10.0	2057767.0	0.423779	Y
9	IC 410-720279/21	25.0	11.086152	10.0	2174373.0	0.443446	Y



Calibration

/ Methylene Chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

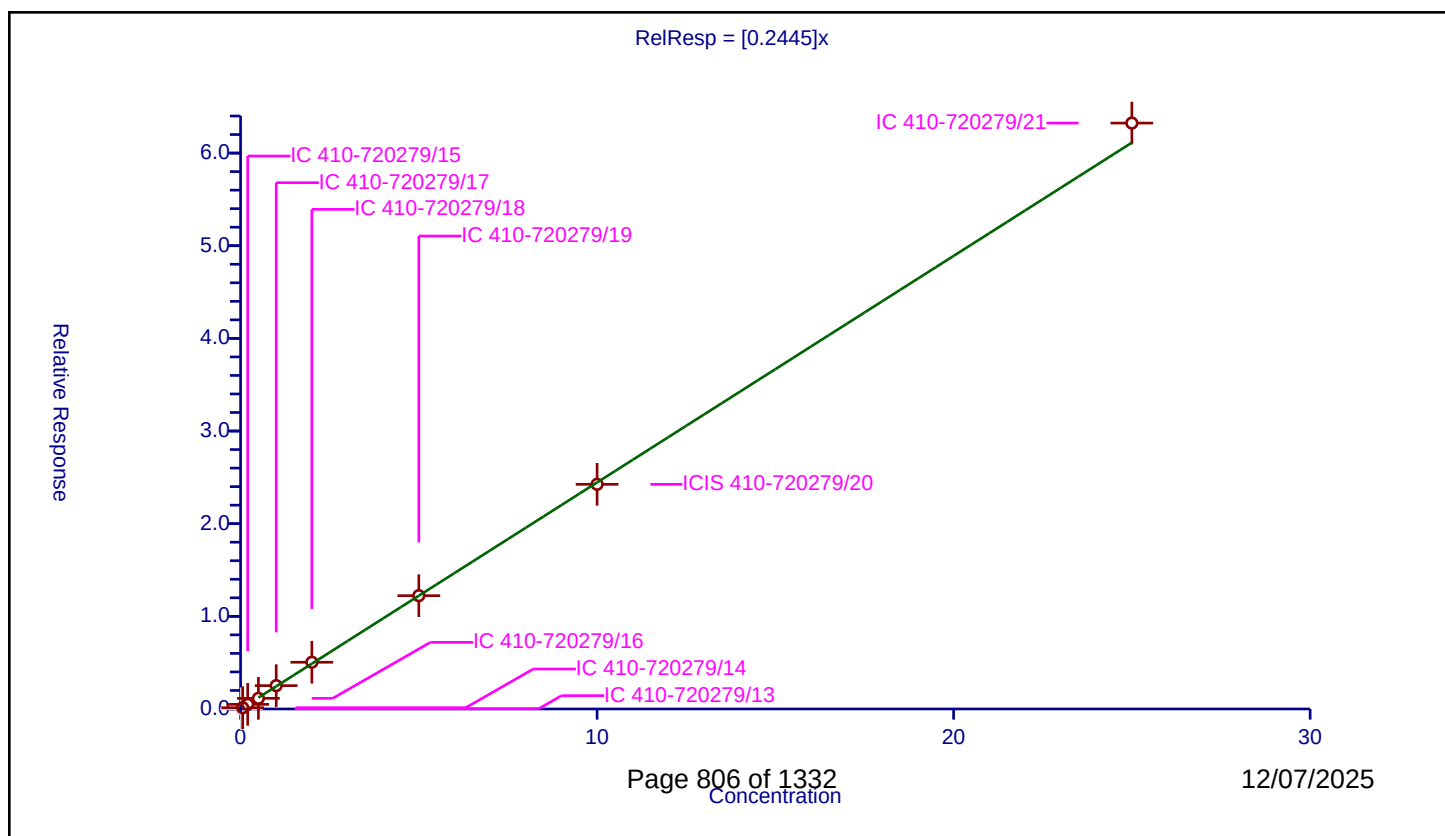
Curve Coefficients

Intercept: 0
Slope: 0.2445

Error Coefficients

Relative Standard Deviation: 3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.002563	10.0	1915919.0	0.128137	N
2	IC 410-720279/14	0.06	0.013955	10.0	1876780.0	0.232579	Y
3	IC 410-720279/15	0.2	0.049809	10.0	1910483.0	0.249047	Y
4	IC 410-720279/16	0.5	0.115024	10.0	1894743.0	0.230047	Y
5	IC 410-720279/17	1.0	0.252075	10.0	1906735.0	0.252075	Y
6	IC 410-720279/18	2.0	0.504434	10.0	1942176.0	0.252217	Y
7	IC 410-720279/19	5.0	1.223088	10.0	1995997.0	0.244618	Y
8	ICIS 410-720279/20	10.0	2.425051	10.0	2057767.0	0.242505	Y
9	IC 410-720279/21	25.0	6.323809	10.0	2174373.0	0.252952	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

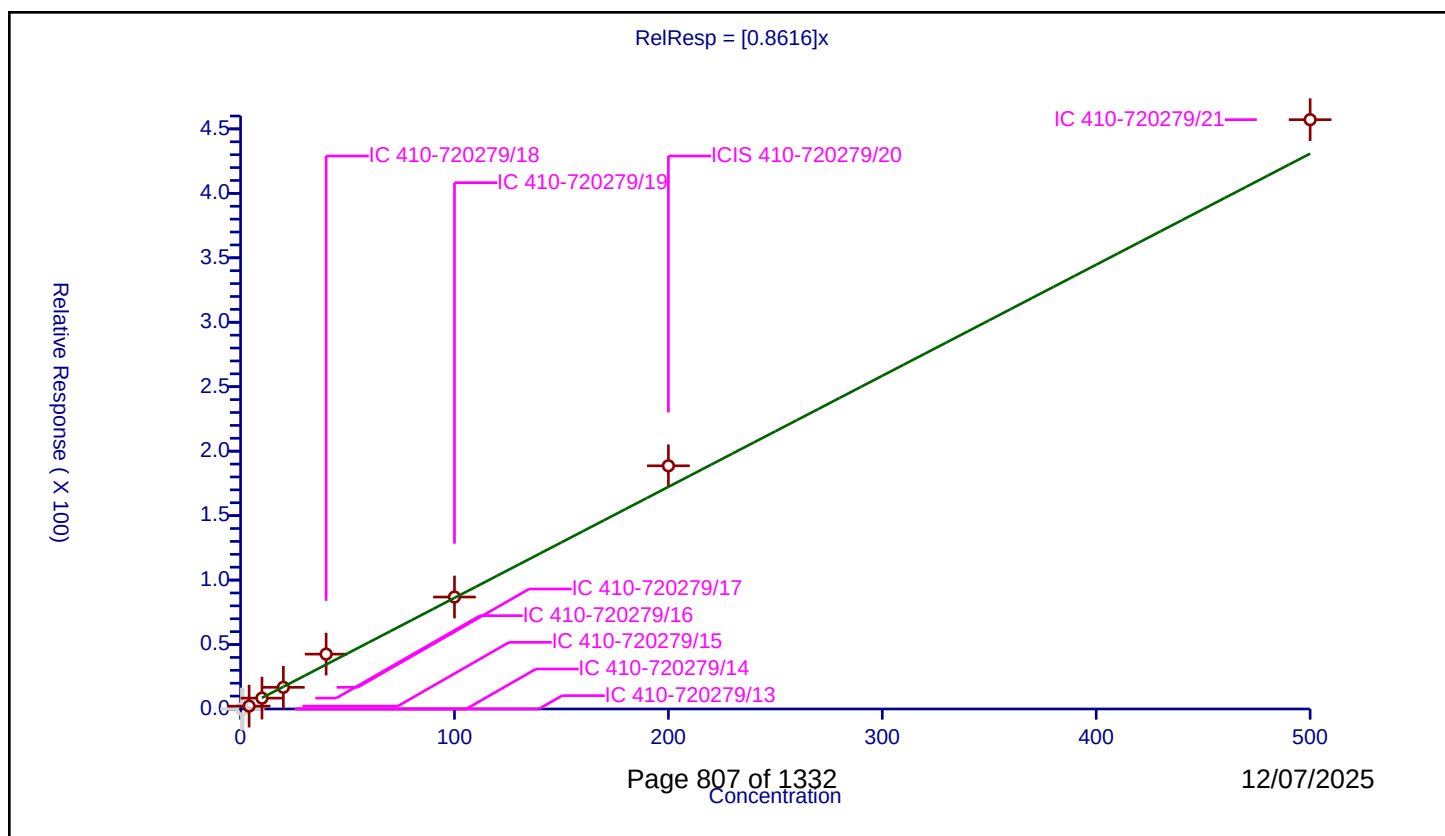
Curve Coefficients

Intercept: 0
Slope: 0.8616

Error Coefficients

Relative Standard Deviation: 18.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.4	0.0	50.0	30751.0	0.0	N
2	IC 410-720279/14	1.2	0.0	50.0	68292.0	0.0	N
3	IC 410-720279/15	4.0	2.231474	50.0	60767.0	0.557869	Y
4	IC 410-720279/16	10.0	8.426604	50.0	63614.0	0.84266	Y
5	IC 410-720279/17	20.0	16.810305	50.0	65674.0	0.840515	Y
6	IC 410-720279/18	40.0	42.56787	50.0	58126.0	1.064197	Y
7	IC 410-720279/19	100.0	86.858645	50.0	62212.0	0.868586	Y
8	ICIS 410-720279/20	200.0	188.650645	50.0	76229.0	0.943253	Y
9	IC 410-720279/21	500.0	457.164192	50.0	68968.0	0.914328	Y



Calibration

/ Acrylonitrile

Curve Type: Linear
 Weighting: None
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

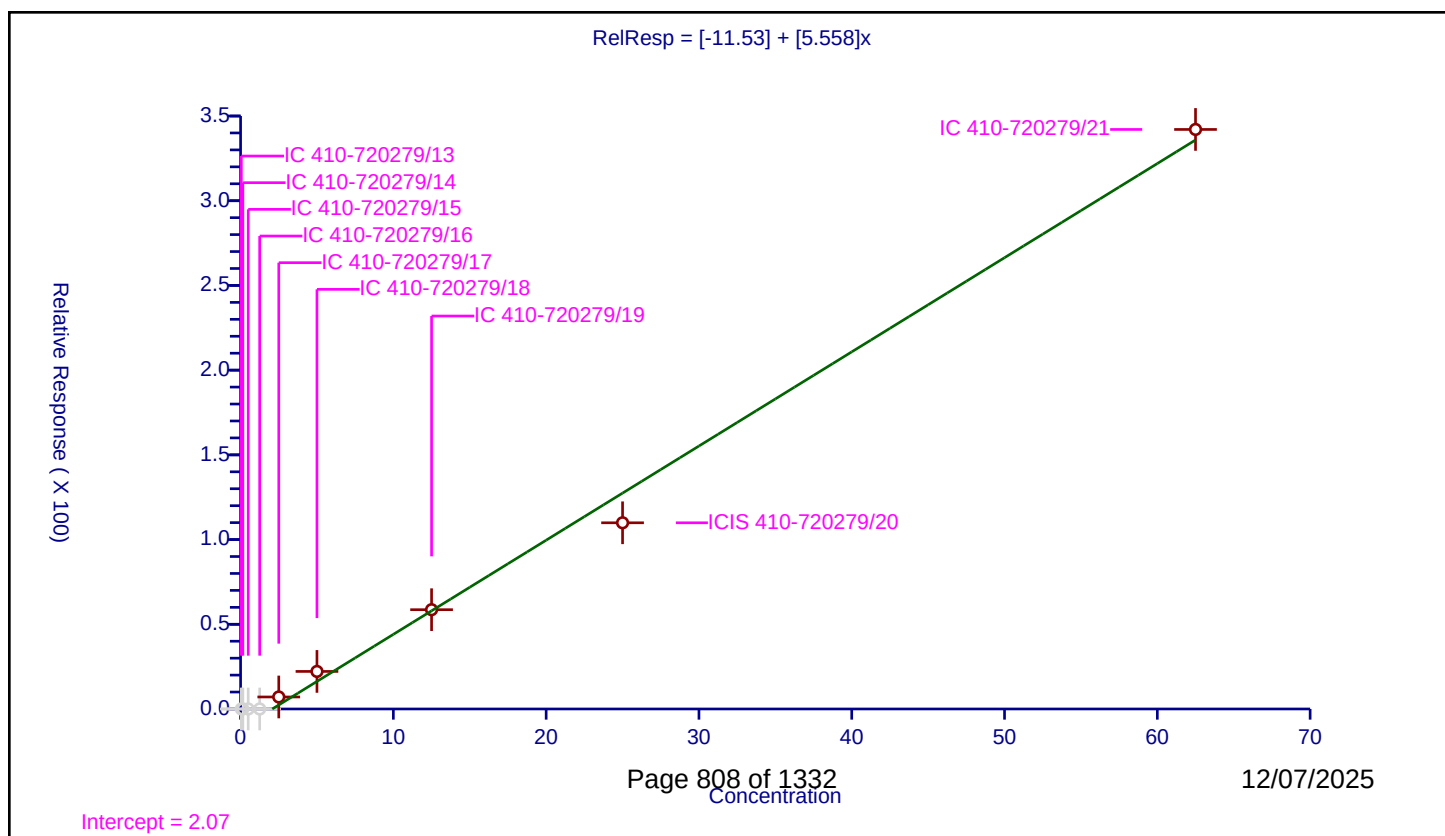
Curve Coefficients

Intercept: -11.53
 Slope: 5.558

Error Coefficients

Relative Standard Deviation: 24.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.05	0.0	50.0	30751.0	0.0	N
2	IC 410-720279/14	0.15	0.0	50.0	68292.0	0.0	N
3	IC 410-720279/15	0.5	0.0	50.0	60767.0	0.0	N
4	IC 410-720279/16	1.25	0.0	50.0	63614.0	0.0	N
5	IC 410-720279/17	2.5	7.097177	50.0	65674.0	2.838871	Y
6	IC 410-720279/18	5.0	22.169081	50.0	58126.0	4.433816	Y
7	IC 410-720279/19	12.5	58.610075	50.0	62212.0	4.688806	Y
8	ICIS 410-720279/20	25.0	109.901088	50.0	76229.0	4.396044	Y
9	IC 410-720279/21	62.5	342.065886	50.0	68968.0	5.473054	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

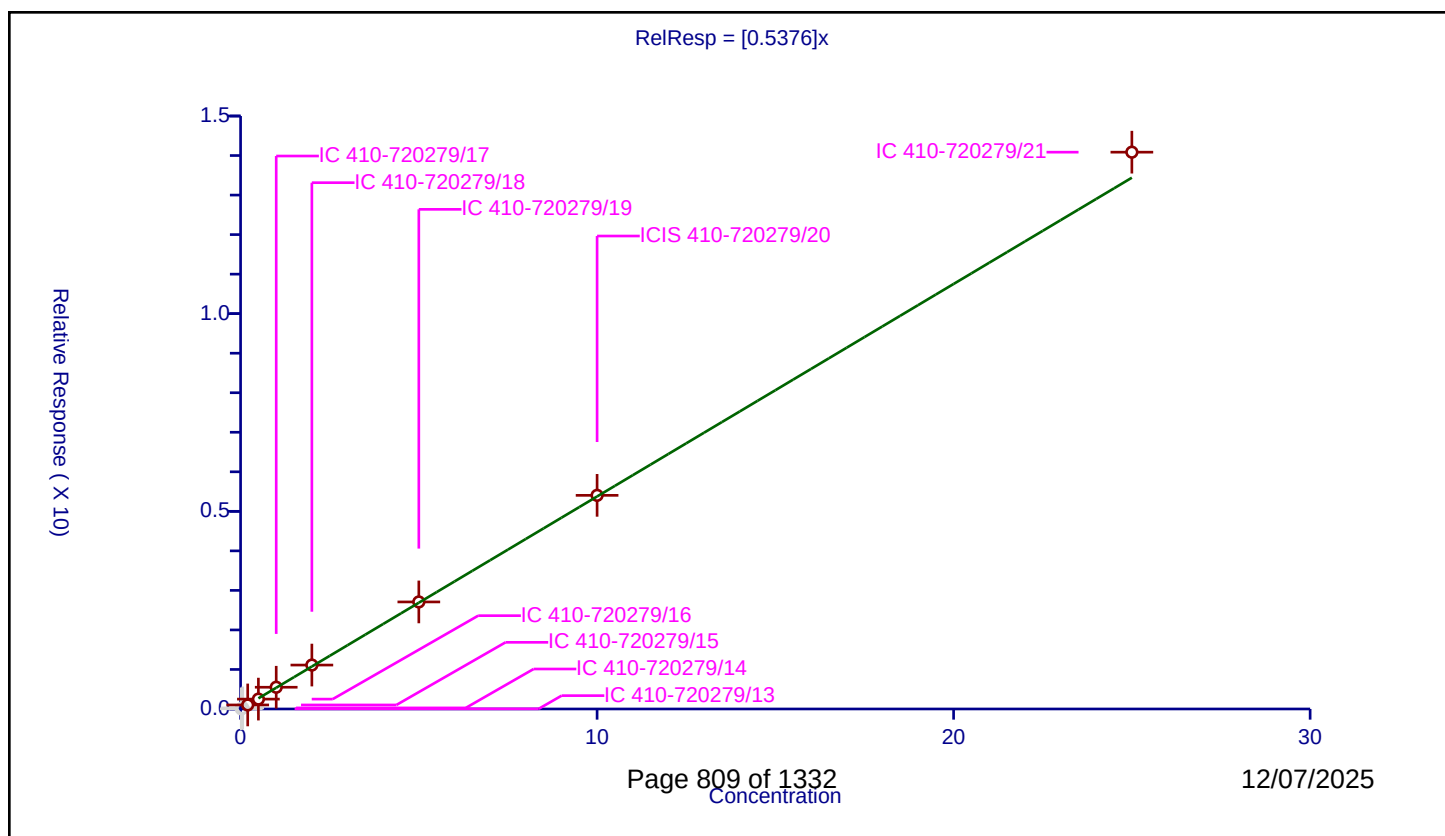
Curve Coefficients

Intercept: 0
Slope: 0.5376

Error Coefficients

Relative Standard Deviation: 4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.00429	10.0	1915919.0	0.214518	N
2	IC 410-720279/14	0.06	0.027233	10.0	1876780.0	0.45388	N
3	IC 410-720279/15	0.2	0.102456	10.0	1910483.0	0.512279	Y
4	IC 410-720279/16	0.5	0.249696	10.0	1894743.0	0.499392	Y
5	IC 410-720279/17	1.0	0.550213	10.0	1906735.0	0.550213	Y
6	IC 410-720279/18	2.0	1.11146	10.0	1942176.0	0.55573	Y
7	IC 410-720279/19	5.0	2.70789	10.0	1995997.0	0.541578	Y
8	ICIS 410-720279/20	10.0	5.404378	10.0	2057767.0	0.540438	Y
9	IC 410-720279/21	25.0	14.085546	10.0	2174373.0	0.563422	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

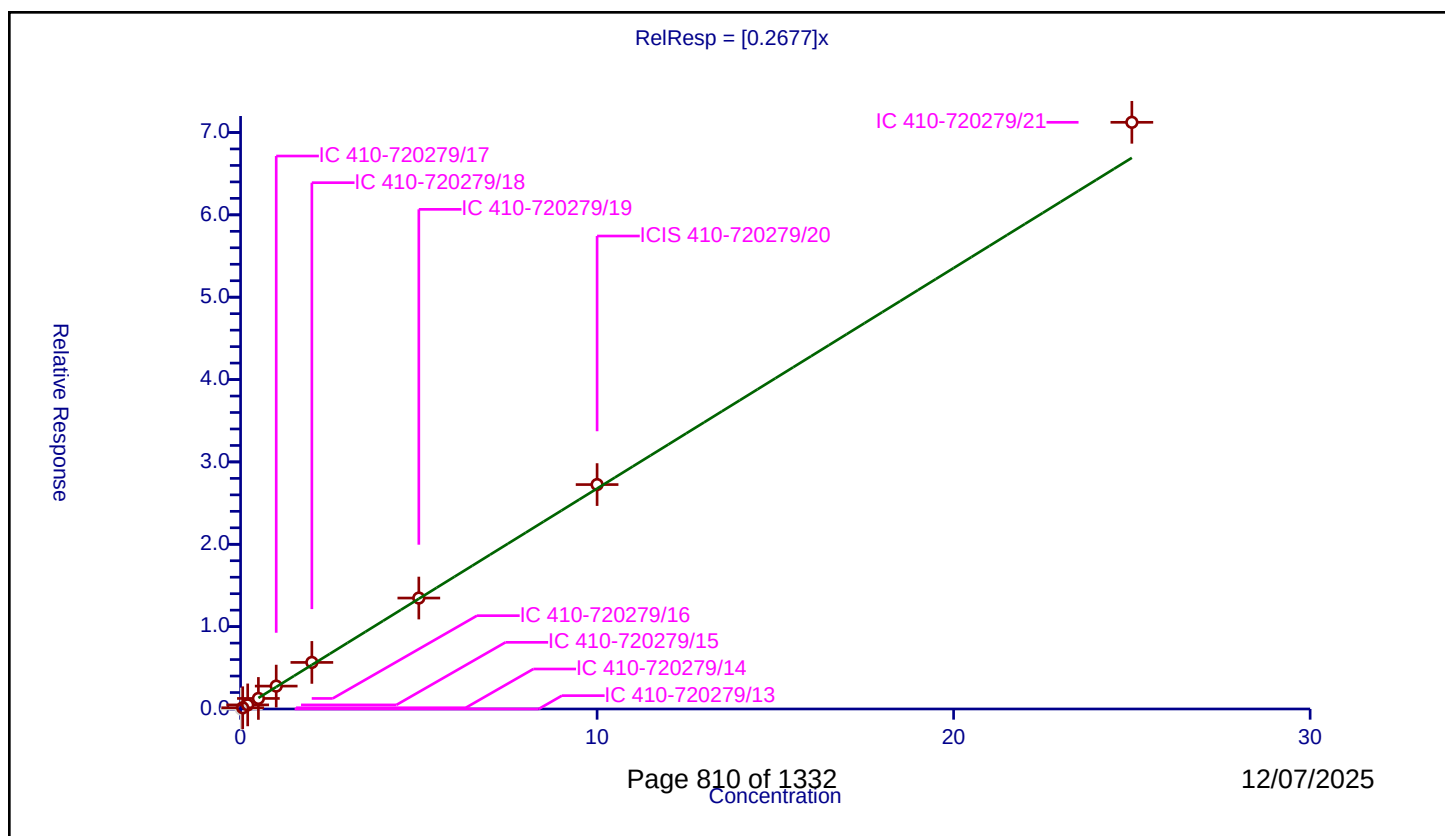
Curve Coefficients

Intercept: 0
Slope: 0.2677

Error Coefficients

Relative Standard Deviation: 5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0	10.0	1915919.0	0.0	N
2	IC 410-720279/14	0.06	0.014978	10.0	1876780.0	0.24963	Y
3	IC 410-720279/15	0.2	0.049631	10.0	1910483.0	0.248157	Y
4	IC 410-720279/16	0.5	0.128139	10.0	1894743.0	0.256278	Y
5	IC 410-720279/17	1.0	0.277862	10.0	1906735.0	0.277862	Y
6	IC 410-720279/18	2.0	0.565546	10.0	1942176.0	0.282773	Y
7	IC 410-720279/19	5.0	1.347066	10.0	1995997.0	0.269413	Y
8	ICIS 410-720279/20	10.0	2.724915	10.0	2057767.0	0.272491	Y
9	IC 410-720279/21	25.0	7.123529	10.0	2174373.0	0.284941	Y



Calibration

/ Hexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

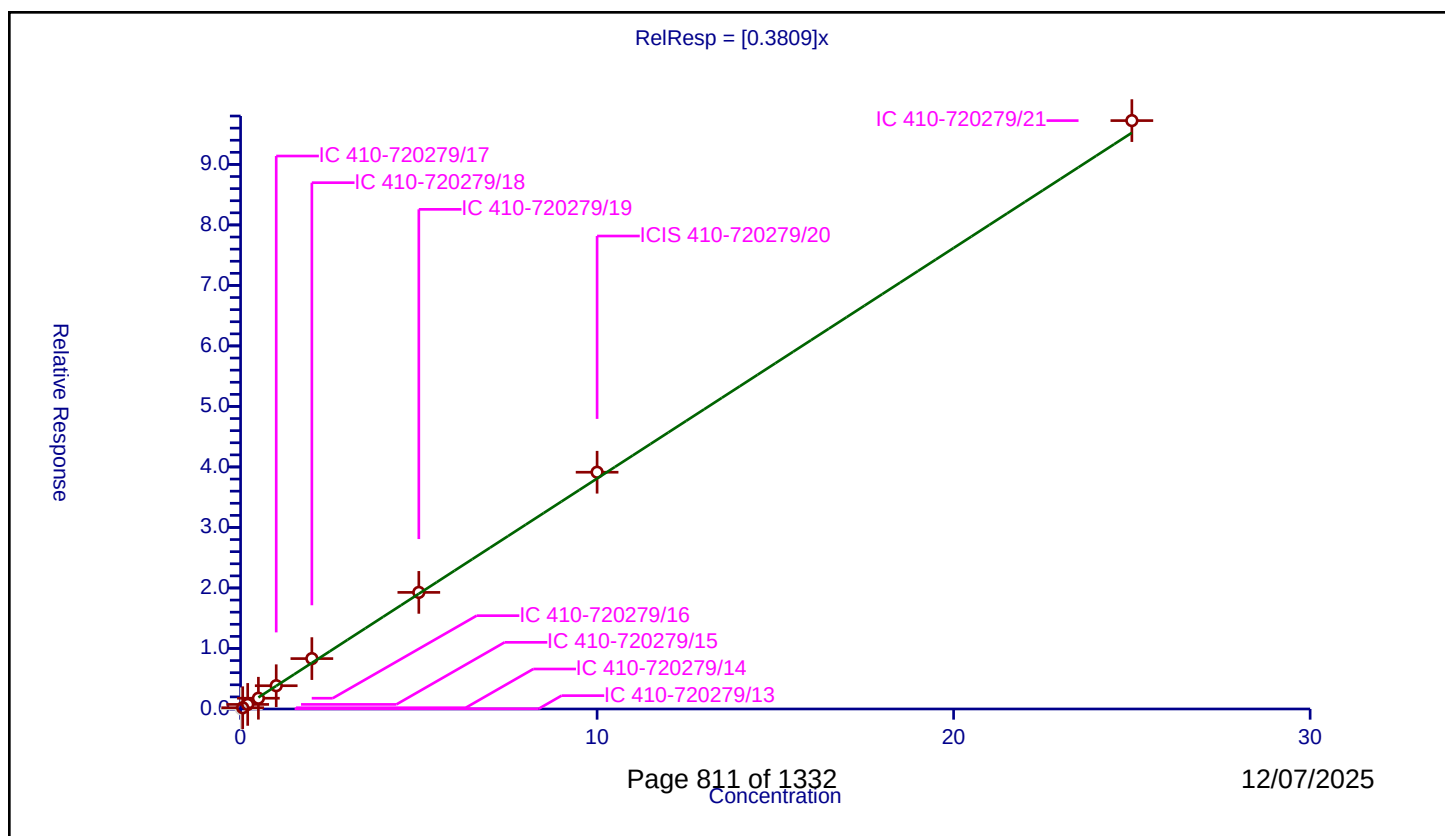
Curve Coefficients

Intercept: 0
Slope: 0.3809

Error Coefficients

Relative Standard Deviation: 5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.003878	10.0	1915919.0	0.193902	N
2	IC 410-720279/14	0.06	0.02078	10.0	1876780.0	0.346338	Y
3	IC 410-720279/15	0.2	0.075745	10.0	1910483.0	0.378726	Y
4	IC 410-720279/16	0.5	0.17775	10.0	1894743.0	0.355499	Y
5	IC 410-720279/17	1.0	0.384705	10.0	1906735.0	0.384705	Y
6	IC 410-720279/18	2.0	0.832901	10.0	1942176.0	0.41645	Y
7	IC 410-720279/19	5.0	1.927187	10.0	1995997.0	0.385437	Y
8	ICIS 410-720279/20	10.0	3.913106	10.0	2057767.0	0.391311	Y
9	IC 410-720279/21	25.0	9.724031	10.0	2174373.0	0.388961	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

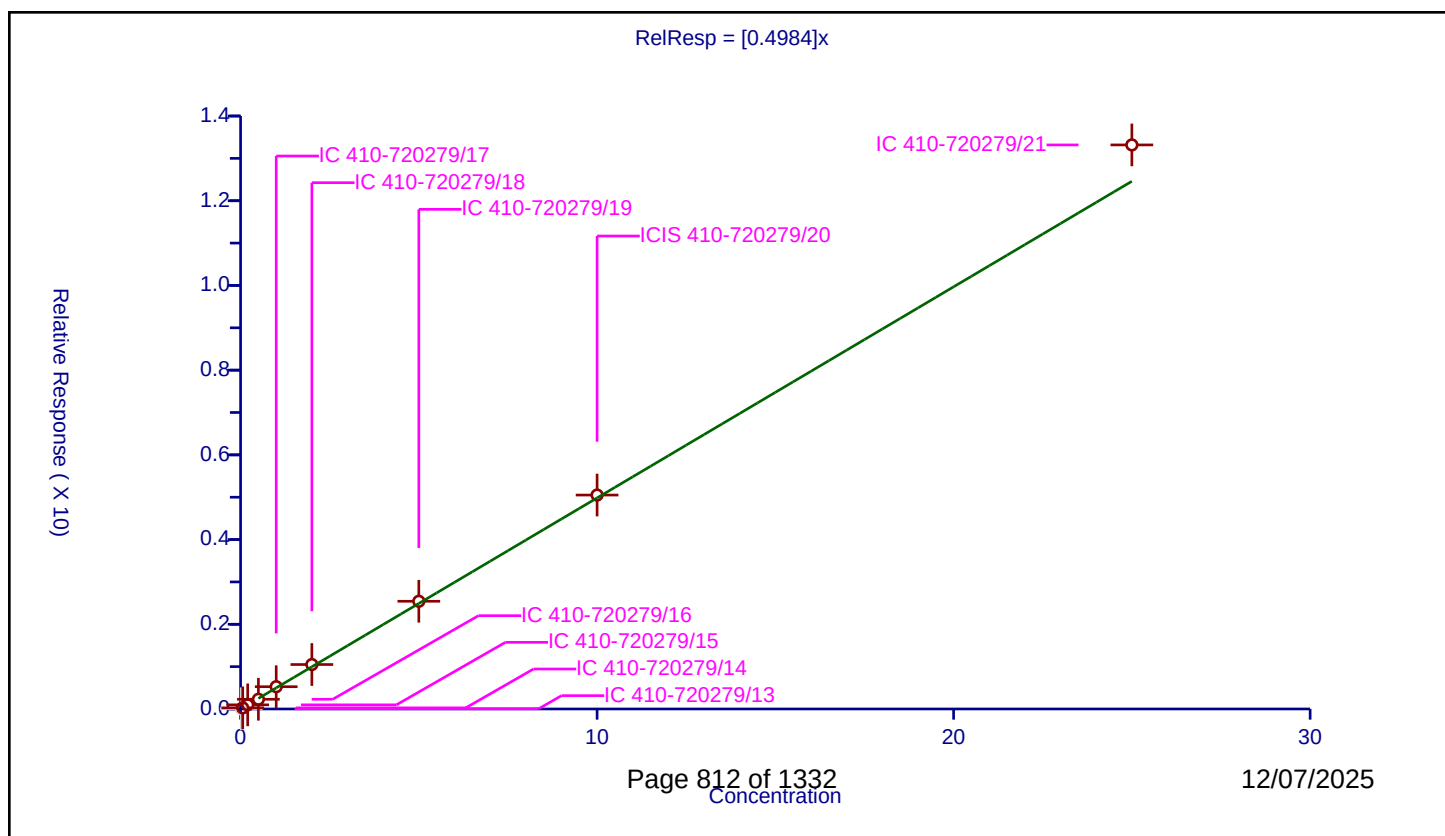
Curve Coefficients

Intercept: 0
Slope: 0.4984

Error Coefficients

Relative Standard Deviation: 6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.005402	10.0	1915919.0	0.270105	N
2	IC 410-720279/14	0.06	0.026513	10.0	1876780.0	0.441892	Y
3	IC 410-720279/15	0.2	0.097844	10.0	1910483.0	0.489222	Y
4	IC 410-720279/16	0.5	0.229303	10.0	1894743.0	0.458606	Y
5	IC 410-720279/17	1.0	0.525868	10.0	1906735.0	0.525868	Y
6	IC 410-720279/18	2.0	1.049704	10.0	1942176.0	0.524852	Y
7	IC 410-720279/19	5.0	2.54315	10.0	1995997.0	0.50863	Y
8	ICIS 410-720279/20	10.0	5.051228	10.0	2057767.0	0.505123	Y
9	IC 410-720279/21	25.0	13.317628	10.0	2174373.0	0.532705	Y



Calibration

/ Isopropyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

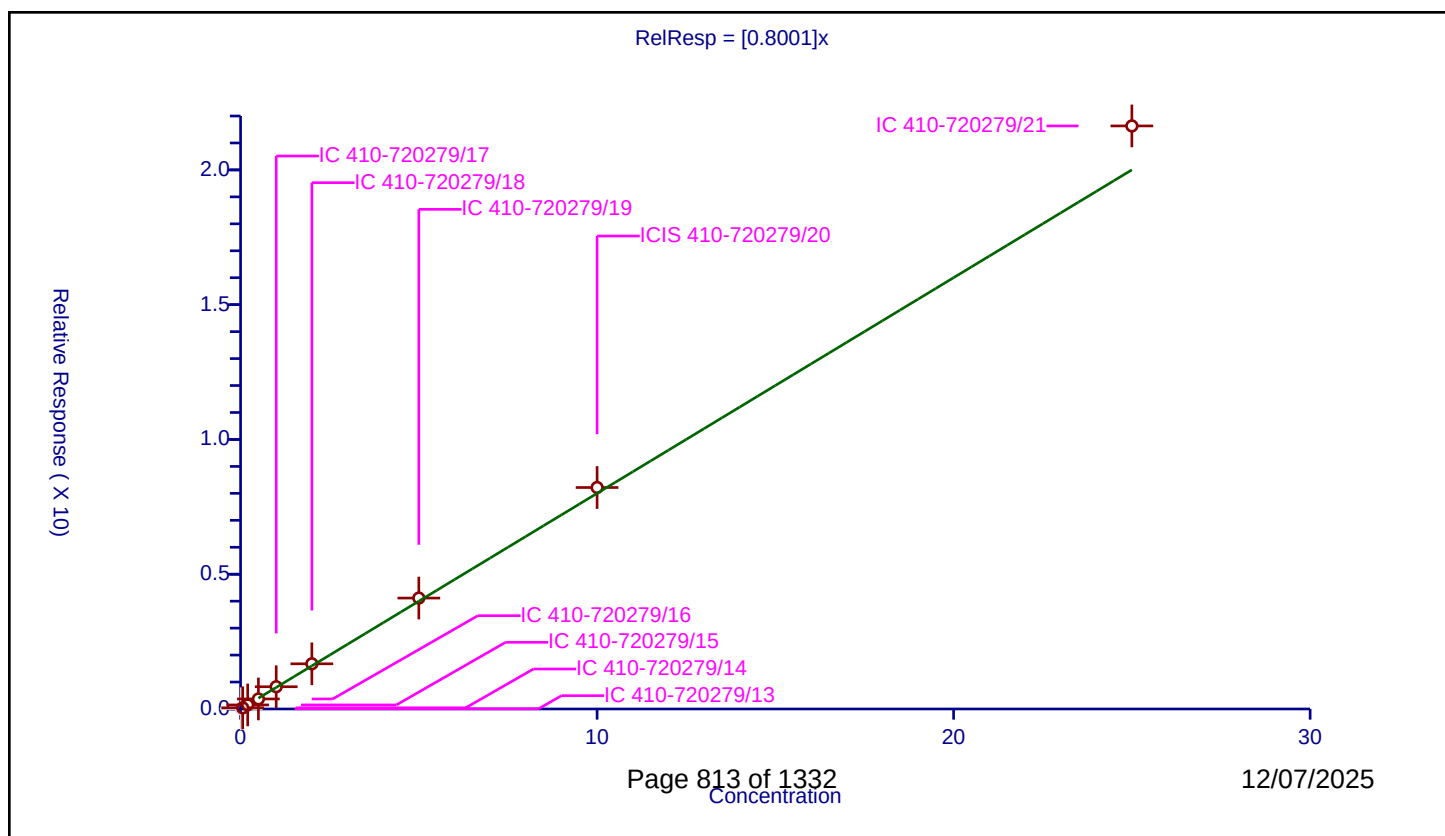
Curve Coefficients

Intercept: 0
Slope: 0.8001

Error Coefficients

Relative Standard Deviation: 6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.009557	10.0	1915919.0	0.477839	N
2	IC 410-720279/14	0.06	0.043687	10.0	1876780.0	0.728109	Y
3	IC 410-720279/15	0.2	0.150559	10.0	1910483.0	0.752794	Y
4	IC 410-720279/16	0.5	0.372937	10.0	1894743.0	0.745874	Y
5	IC 410-720279/17	1.0	0.825768	10.0	1906735.0	0.825768	Y
6	IC 410-720279/18	2.0	1.676722	10.0	1942176.0	0.838361	Y
7	IC 410-720279/19	5.0	4.114931	10.0	1995997.0	0.822986	Y
8	ICIS 410-720279/20	10.0	8.216946	10.0	2057767.0	0.821695	Y
9	IC 410-720279/21	25.0	21.631528	10.0	2174373.0	0.865261	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

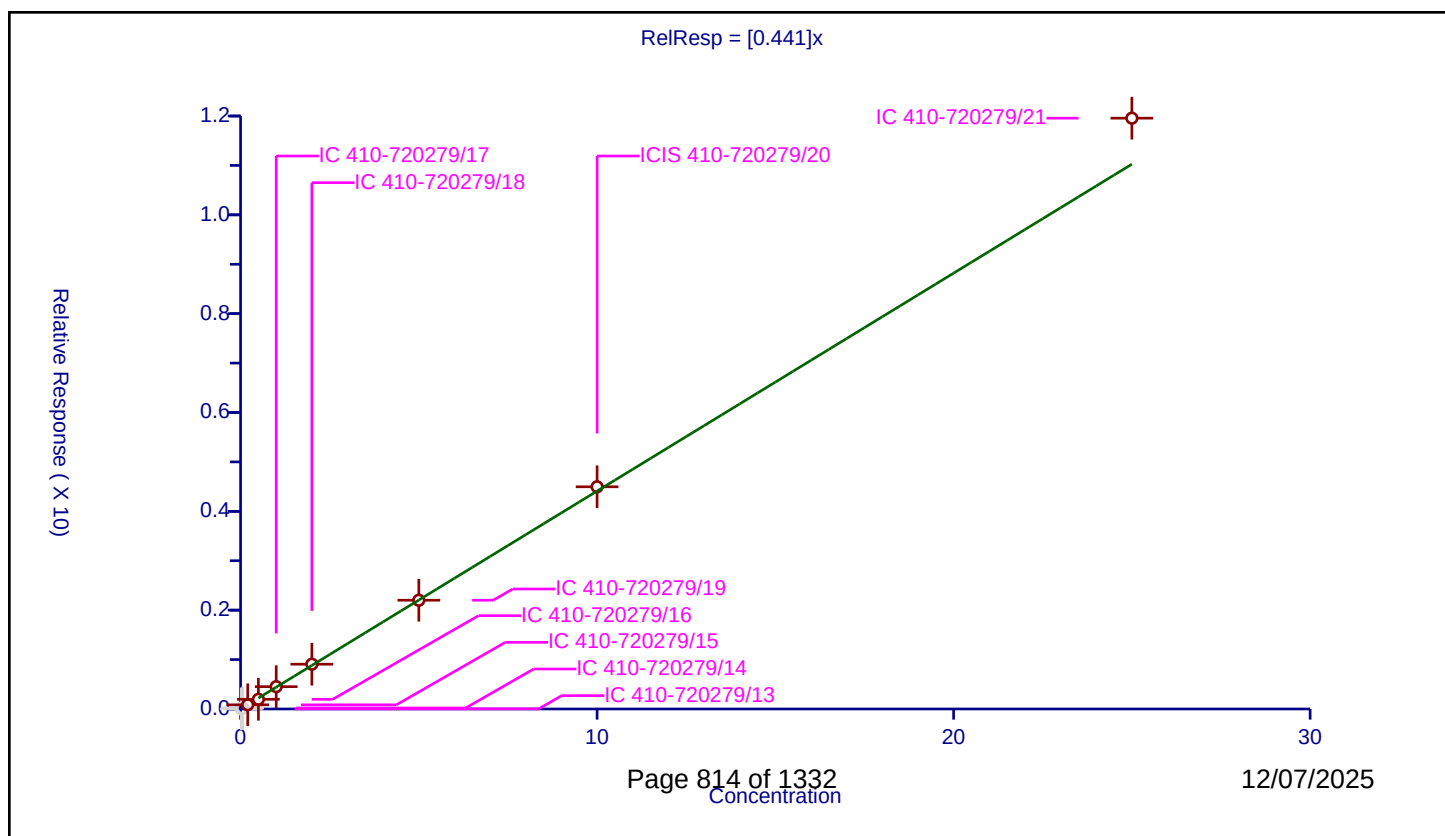
Curve Coefficients

Intercept: 0
Slope: 0.441

Error Coefficients

Relative Standard Deviation: 6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.002599	10.0	1915919.0	0.129964	N
2	IC 410-720279/14	0.06	0.020882	10.0	1876780.0	0.348025	N
3	IC 410-720279/15	0.2	0.084392	10.0	1910483.0	0.421961	Y
4	IC 410-720279/16	0.5	0.195932	10.0	1894743.0	0.391863	Y
5	IC 410-720279/17	1.0	0.45193	10.0	1906735.0	0.45193	Y
6	IC 410-720279/18	2.0	0.906282	10.0	1942176.0	0.453141	Y
7	IC 410-720279/19	5.0	2.20072	10.0	1995997.0	0.440144	Y
8	ICIS 410-720279/20	10.0	4.496841	10.0	2057767.0	0.449684	Y
9	IC 410-720279/21	25.0	11.956173	10.0	2174373.0	0.478247	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

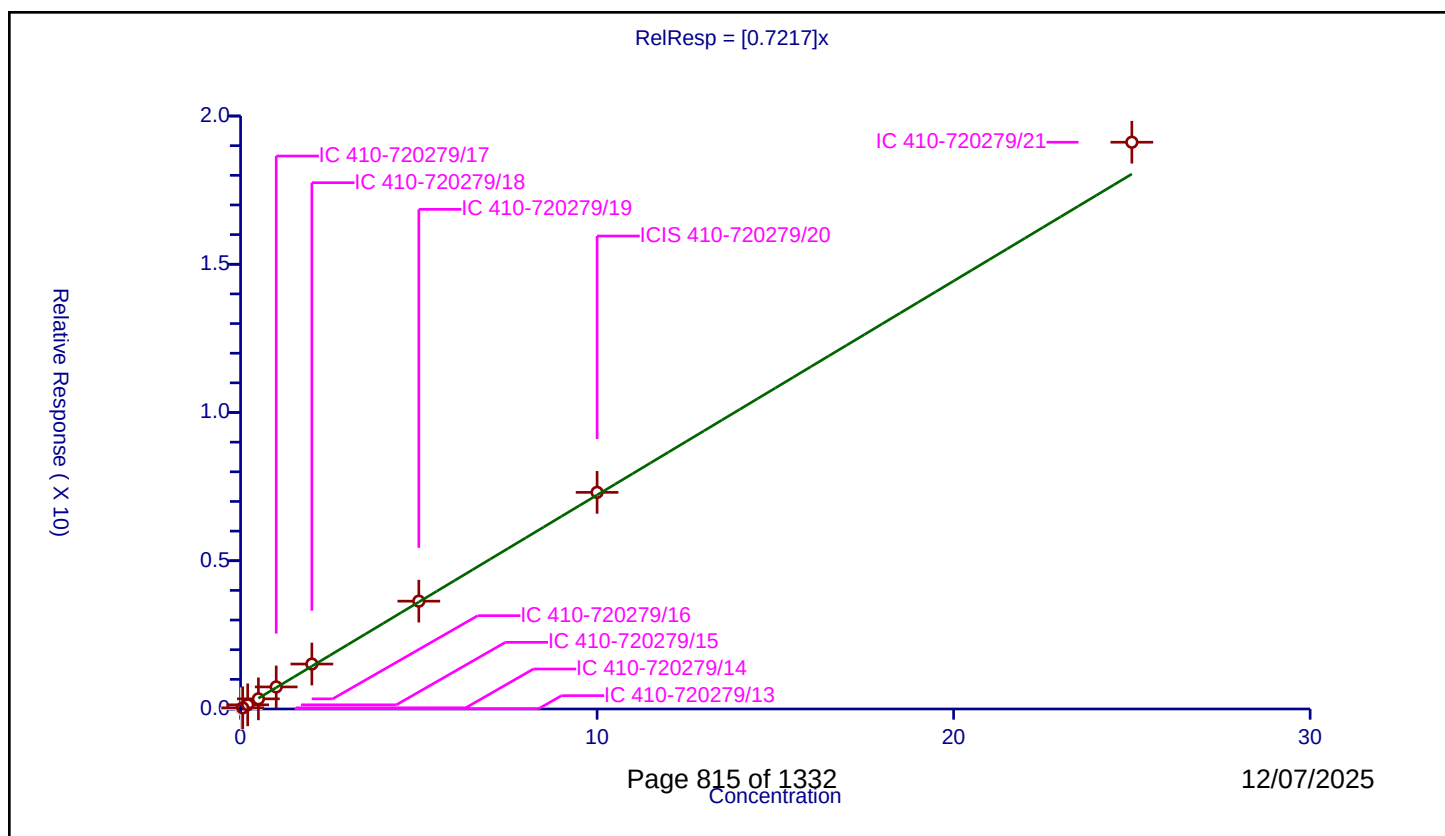
Curve Coefficients

Intercept: 0
Slope: 0.7217

Error Coefficients

Relative Standard Deviation: 5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.008857	10.0	1915919.0	0.442868	N
2	IC 410-720279/14	0.06	0.039616	10.0	1876780.0	0.660262	Y
3	IC 410-720279/15	0.2	0.140849	10.0	1910483.0	0.704246	Y
4	IC 410-720279/16	0.5	0.342115	10.0	1894743.0	0.68423	Y
5	IC 410-720279/17	1.0	0.744435	10.0	1906735.0	0.744435	Y
6	IC 410-720279/18	2.0	1.516212	10.0	1942176.0	0.758106	Y
7	IC 410-720279/19	5.0	3.636804	10.0	1995997.0	0.727361	Y
8	ICIS 410-720279/20	10.0	7.306041	10.0	2057767.0	0.730604	Y
9	IC 410-720279/21	25.0	19.116191	10.0	2174373.0	0.764648	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

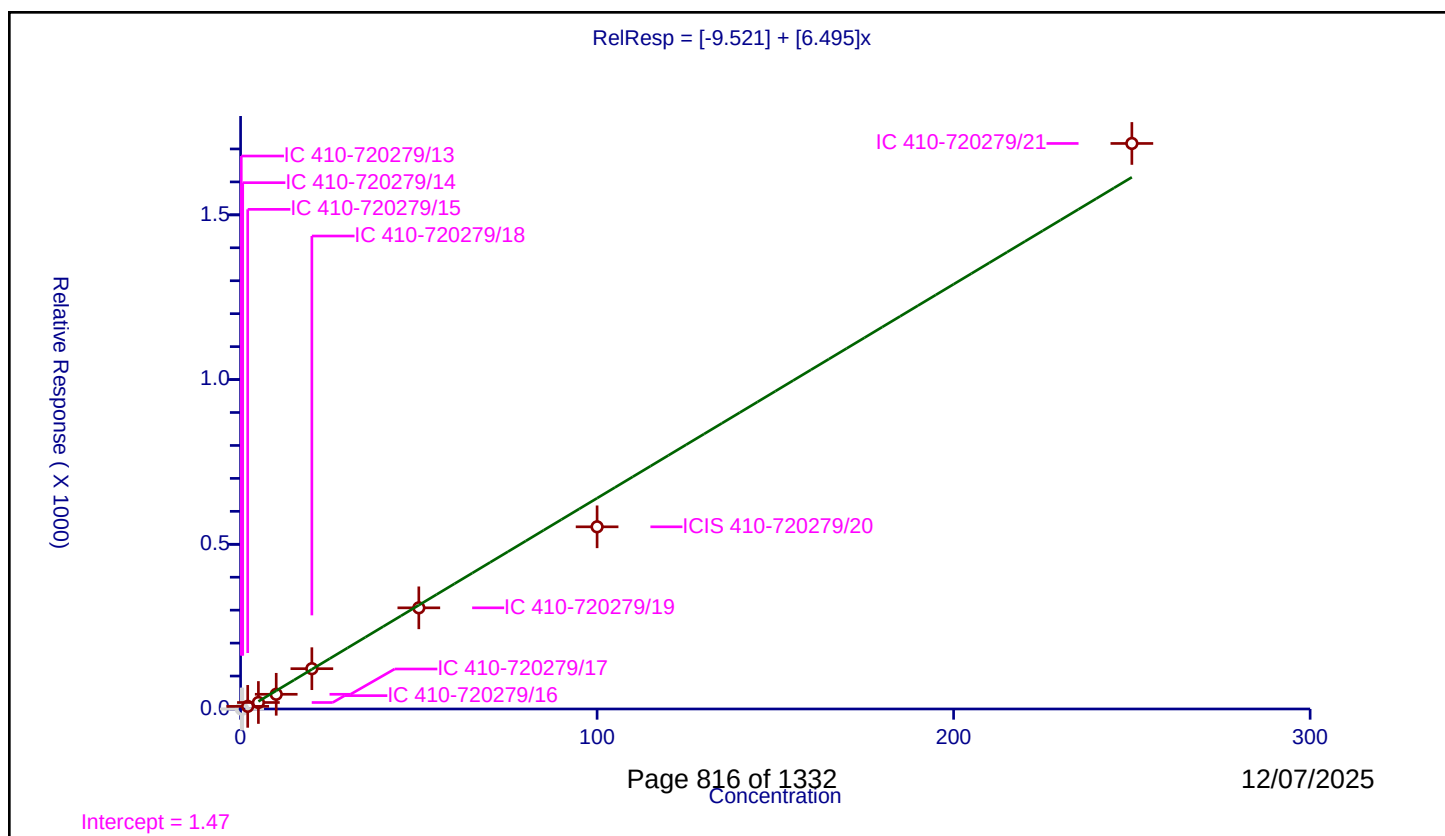
Curve Coefficients

Intercept: -9.521
Slope: 6.495

Error Coefficients

Relative Standard Deviation: 19.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.2	0.0	50.0	30751.0	0.0	N
2	IC 410-720279/14	0.6	0.0	50.0	68292.0	0.0	N
3	IC 410-720279/15	2.0	7.962381	50.0	60767.0	3.98119	Y
4	IC 410-720279/16	5.0	19.724432	50.0	63614.0	3.944886	Y
5	IC 410-720279/17	10.0	44.626488	50.0	65674.0	4.462649	Y
6	IC 410-720279/18	20.0	122.376389	50.0	58126.0	6.118819	Y
7	IC 410-720279/19	50.0	307.061339	50.0	62212.0	6.141227	Y
8	ICIS 410-720279/20	100.0	552.997547	50.0	76229.0	5.529975	Y
9	IC 410-720279/21	250.0	1716.727323	50.0	68968.0	6.866909	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

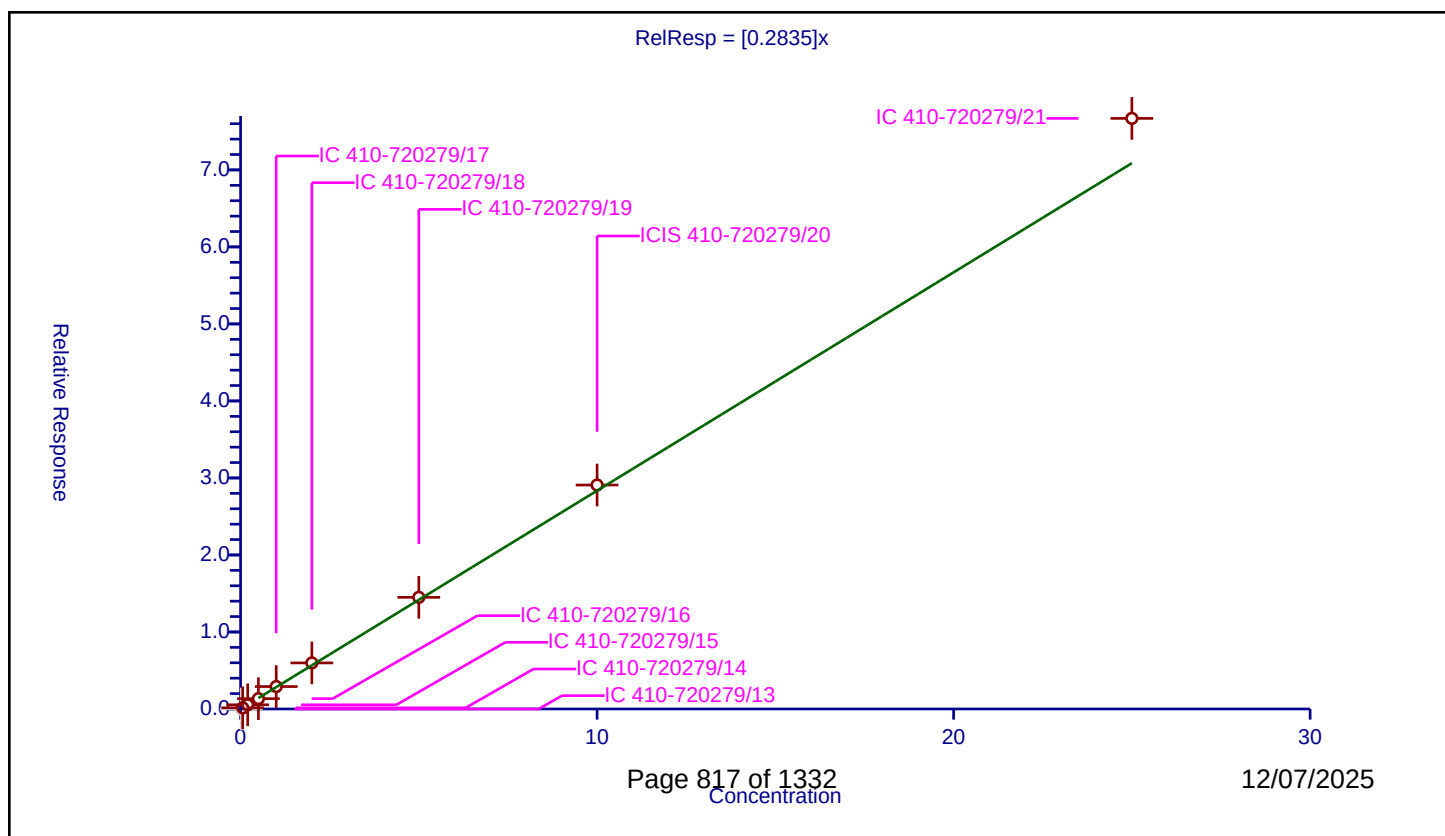
Curve Coefficients

Intercept: 0
Slope: 0.2835

Error Coefficients

Relative Standard Deviation: 6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0	10.0	1915919.0	0.0	N
2	IC 410-720279/14	0.06	0.01493	10.0	1876780.0	0.24883	Y
3	IC 410-720279/15	0.2	0.054536	10.0	1910483.0	0.27268	Y
4	IC 410-720279/16	0.5	0.134245	10.0	1894743.0	0.26849	Y
5	IC 410-720279/17	1.0	0.291325	10.0	1906735.0	0.291325	Y
6	IC 410-720279/18	2.0	0.598252	10.0	1942176.0	0.299126	Y
7	IC 410-720279/19	5.0	1.449586	10.0	1995997.0	0.289917	Y
8	ICIS 410-720279/20	10.0	2.908288	10.0	2057767.0	0.290829	Y
9	IC 410-720279/21	25.0	7.669287	10.0	2174373.0	0.306771	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

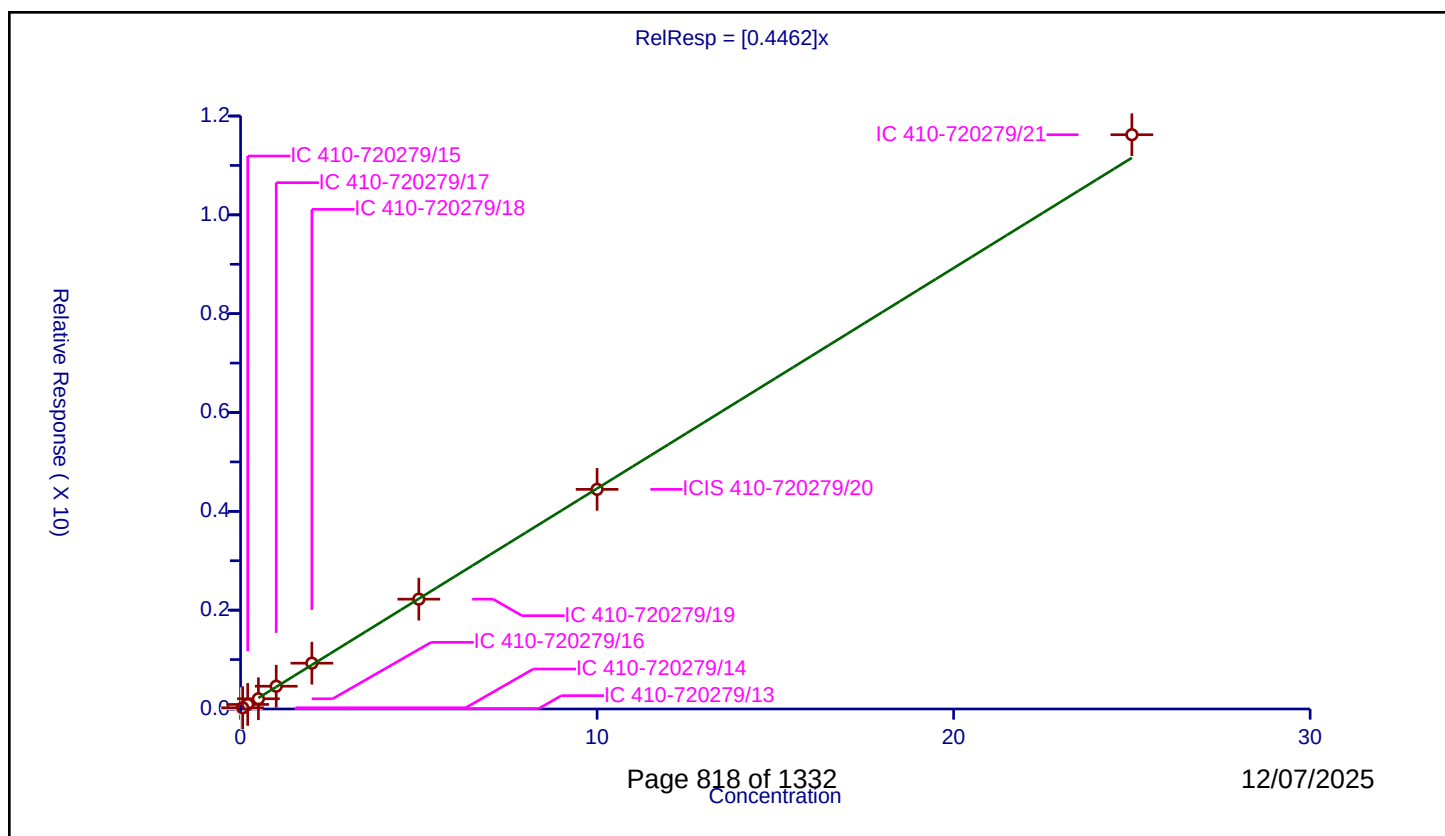
Curve Coefficients

Intercept: 0
Slope: 0.4462

Error Coefficients

Relative Standard Deviation: 4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.007083	10.0	1915919.0	0.354138	N
2	IC 410-720279/14	0.06	0.025064	10.0	1876780.0	0.417737	Y
3	IC 410-720279/15	0.2	0.091956	10.0	1910483.0	0.459779	Y
4	IC 410-720279/16	0.5	0.206798	10.0	1894743.0	0.413597	Y
5	IC 410-720279/17	1.0	0.46073	10.0	1906735.0	0.46073	Y
6	IC 410-720279/18	2.0	0.926976	10.0	1942176.0	0.463488	Y
7	IC 410-720279/19	5.0	2.222779	10.0	1995997.0	0.444556	Y
8	ICIS 410-720279/20	10.0	4.444983	10.0	2057767.0	0.444498	Y
9	IC 410-720279/21	25.0	11.621759	10.0	2174373.0	0.46487	Y



Calibration

/ Propionitrile

Curve Type: Quadratic
Weighting: None
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

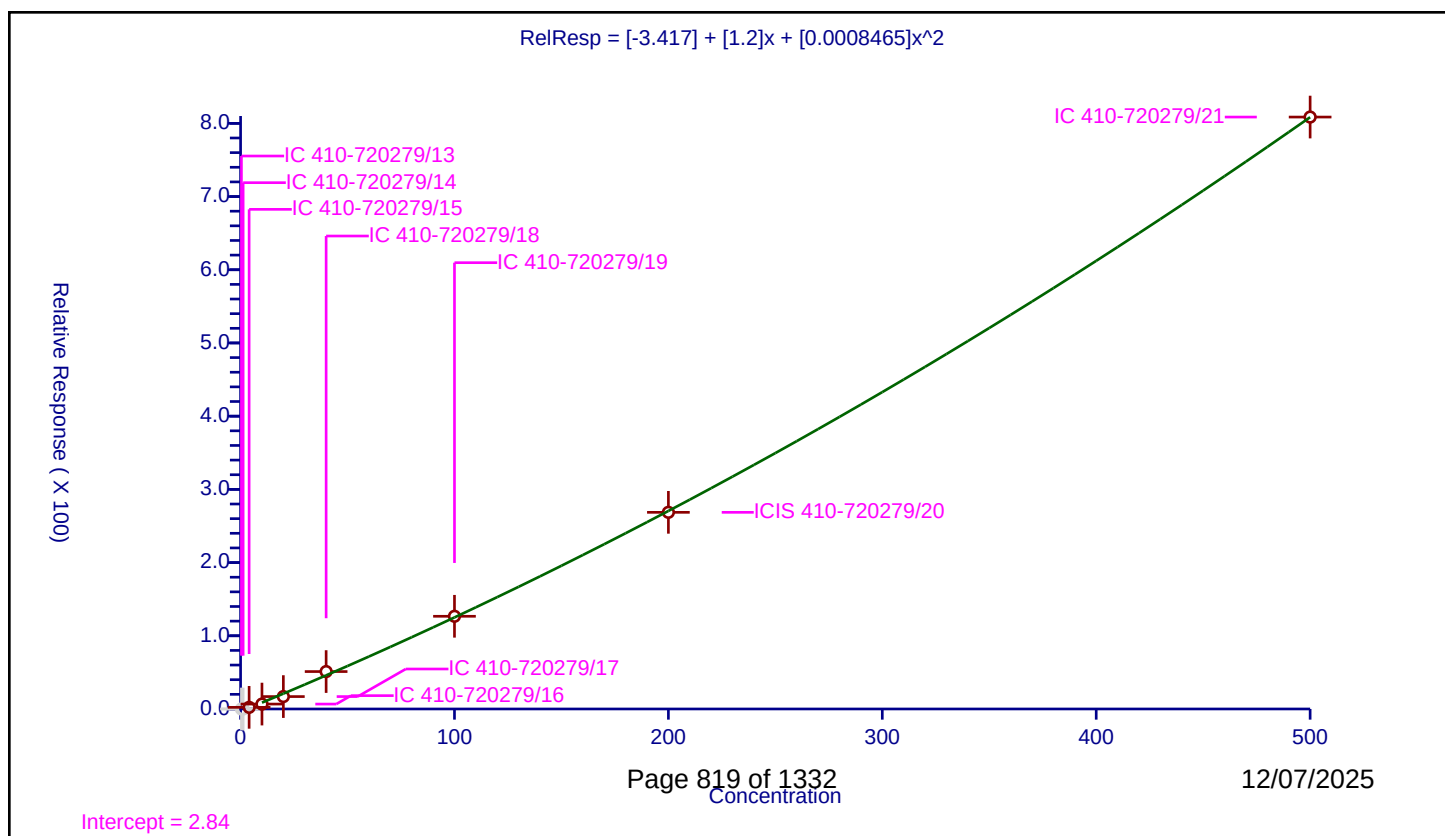
Curve Coefficients

Intercept: -3.417
Slope: 1.2
Second Order: 0.0008465

Error Coefficients

Relative Standard Deviation: 15.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.4	0.0	50.0	30751.0	0.0	N
2	IC 410-720279/14	1.2	0.0	50.0	68292.0	0.0	N
3	IC 410-720279/15	4.0	2.229829	50.0	60767.0	0.557457	Y
4	IC 410-720279/16	10.0	6.720219	50.0	63614.0	0.672022	Y
5	IC 410-720279/17	20.0	16.951914	50.0	65674.0	0.847596	Y
6	IC 410-720279/18	40.0	51.138045	50.0	58126.0	1.278451	Y
7	IC 410-720279/19	100.0	126.647592	50.0	62212.0	1.266476	Y
8	ICIS 410-720279/20	200.0	268.642511	50.0	76229.0	1.343213	Y
9	IC 410-720279/21	500.0	808.577891	50.0	68968.0	1.617156	Y



Calibration

/ Methacrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

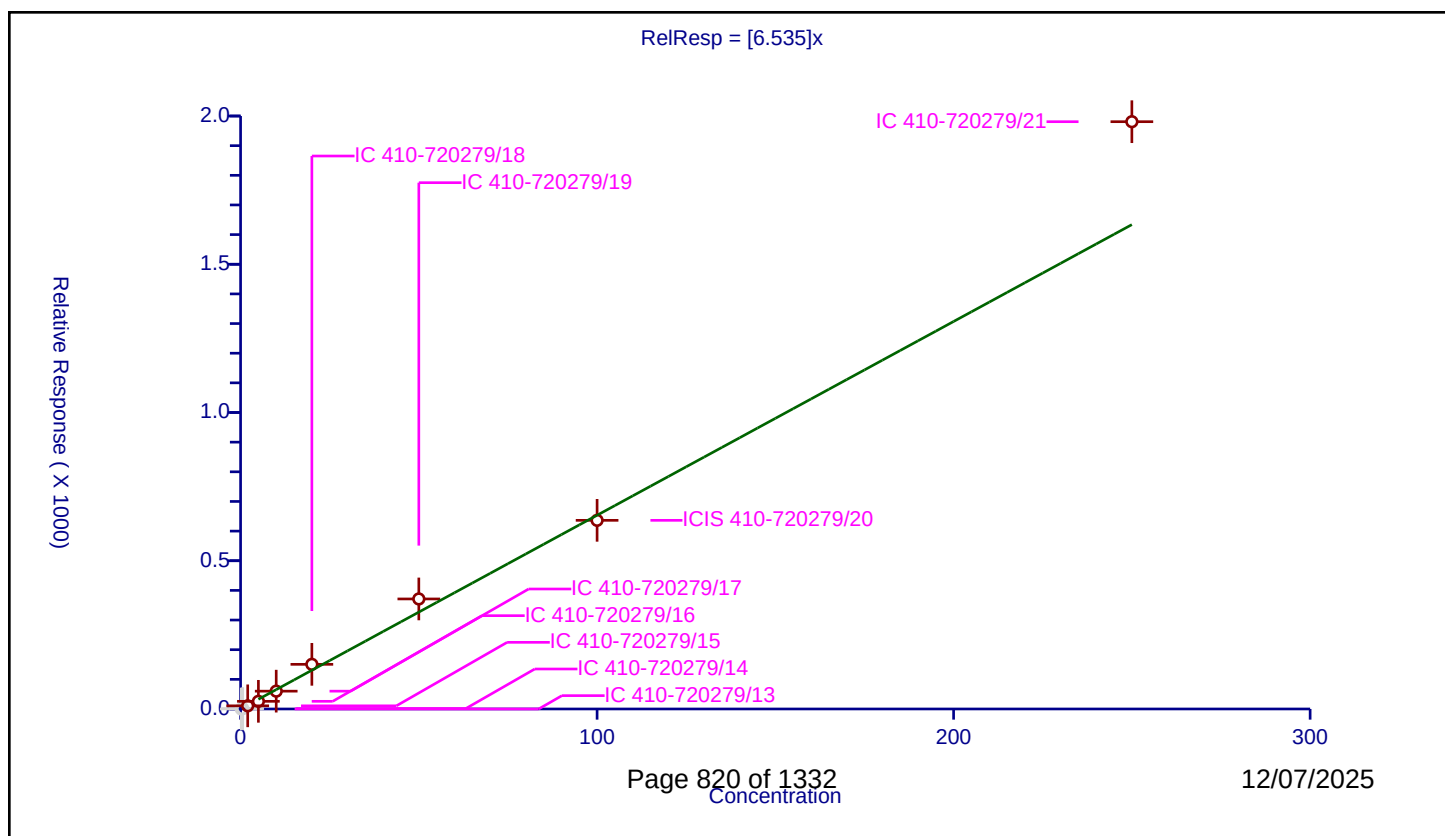
Curve Coefficients

Intercept: 0
Slope: 6.535

Error Coefficients

Relative Standard Deviation: 16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.2	0.0	50.0	30751.0	0.0	N
2	IC 410-720279/14	0.6	1.404996	50.0	68292.0	2.34166	N
3	IC 410-720279/15	2.0	10.618428	50.0	60767.0	5.309214	Y
4	IC 410-720279/16	5.0	25.897601	50.0	63614.0	5.17952	Y
5	IC 410-720279/17	10.0	60.167646	50.0	65674.0	6.016765	Y
6	IC 410-720279/18	20.0	150.584076	50.0	58126.0	7.529204	Y
7	IC 410-720279/19	50.0	371.13499	50.0	62212.0	7.4227	Y
8	ICIS 410-720279/20	100.0	636.316231	50.0	76229.0	6.363162	Y
9	IC 410-720279/21	250.0	1980.82154	50.0	68968.0	7.923286	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

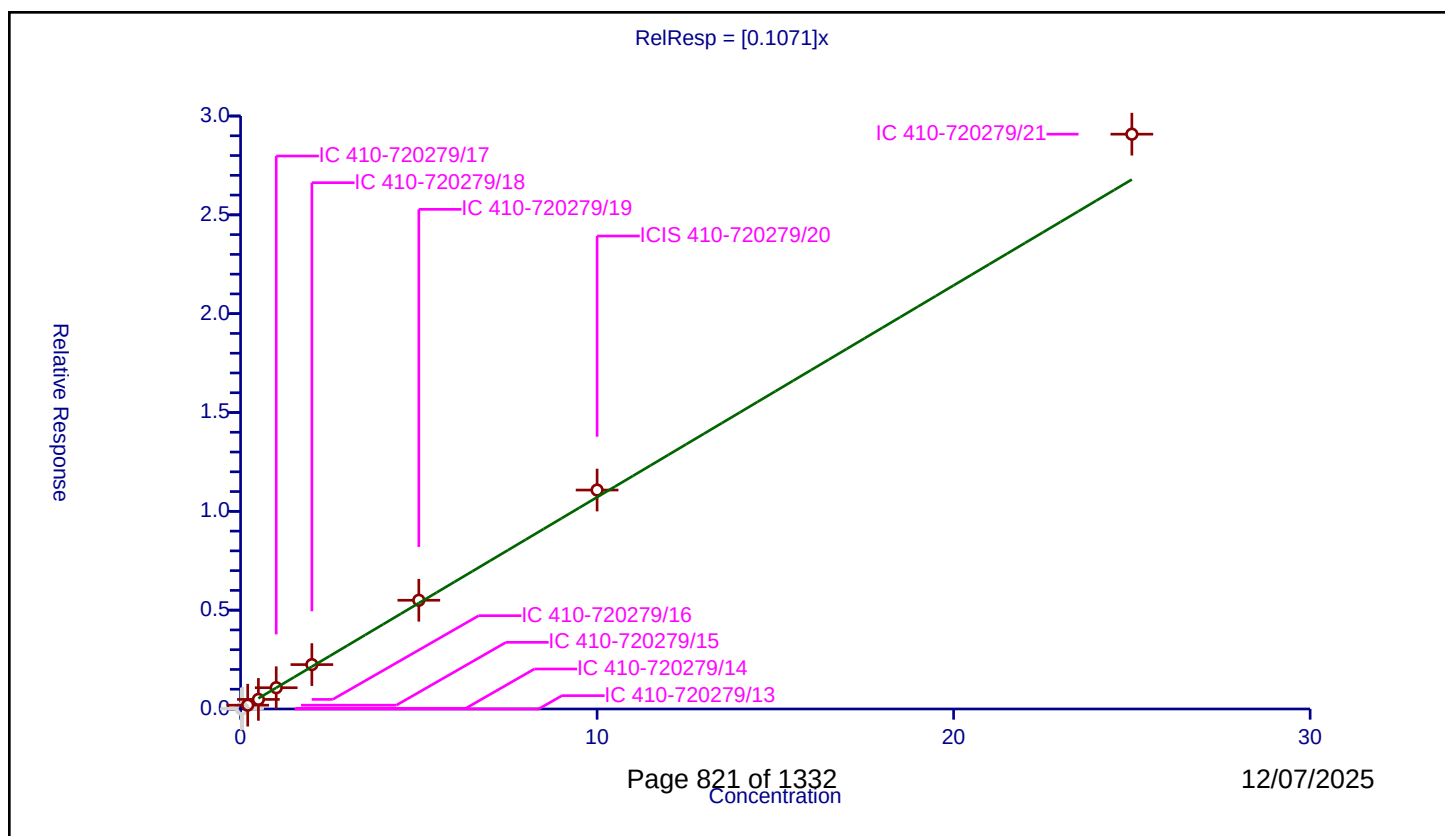
Curve Coefficients

Intercept: 0
Slope: 0.1071

Error Coefficients

Relative Standard Deviation: 7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0	10.0	1915919.0	0.0	N
2	IC 410-720279/14	0.06	0.003293	10.0	1876780.0	0.054881	N
3	IC 410-720279/15	0.2	0.01922	10.0	1910483.0	0.096101	Y
4	IC 410-720279/16	0.5	0.04845	10.0	1894743.0	0.0969	Y
5	IC 410-720279/17	1.0	0.107655	10.0	1906735.0	0.107655	Y
6	IC 410-720279/18	2.0	0.224563	10.0	1942176.0	0.112281	Y
7	IC 410-720279/19	5.0	0.550061	10.0	1995997.0	0.110012	Y
8	ICIS 410-720279/20	10.0	1.10771	10.0	2057767.0	0.110771	Y
9	IC 410-720279/21	25.0	2.908135	10.0	2174373.0	0.116325	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

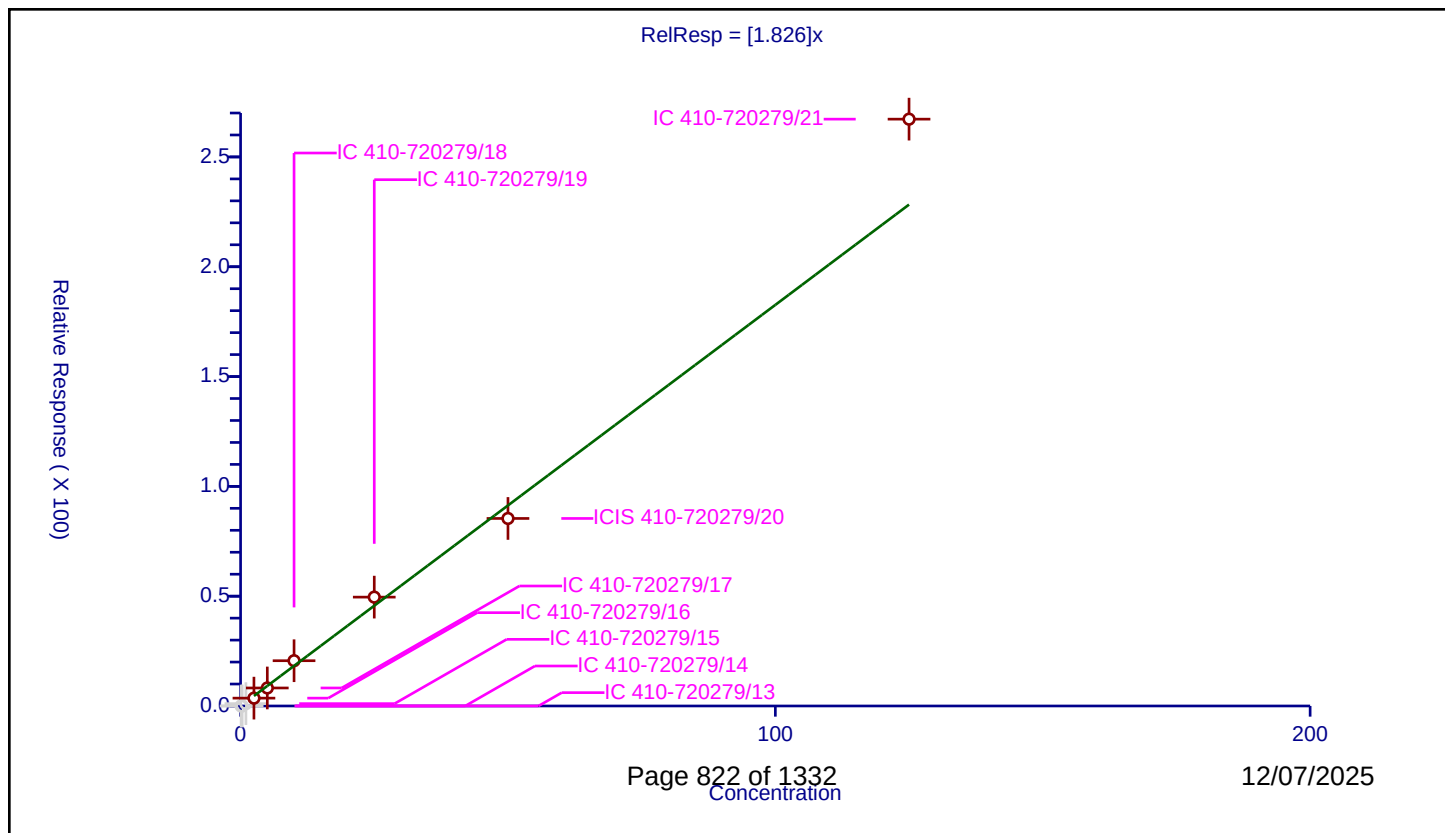
Curve Coefficients

Intercept: 0
 Slope: 1.826

Error Coefficients

Relative Standard Deviation: 15.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.1	0.0	50.0	30751.0	0.0	N
2	IC 410-720279/14	0.3	0.0	50.0	68292.0	0.0	N
3	IC 410-720279/15	1.0	1.07871	50.0	60767.0	1.07871	N
4	IC 410-720279/16	2.5	3.570755	50.0	63614.0	1.428302	Y
5	IC 410-720279/17	5.0	8.201115	50.0	65674.0	1.640223	Y
6	IC 410-720279/18	10.0	20.61642	50.0	58126.0	2.061642	Y
7	IC 410-720279/19	25.0	49.575645	50.0	62212.0	1.983026	Y
8	ICIS 410-720279/20	50.0	85.384827	50.0	76229.0	1.707697	Y
9	IC 410-720279/21	125.0	267.201456	50.0	68968.0	2.137612	Y



Calibration

/ Chloroform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

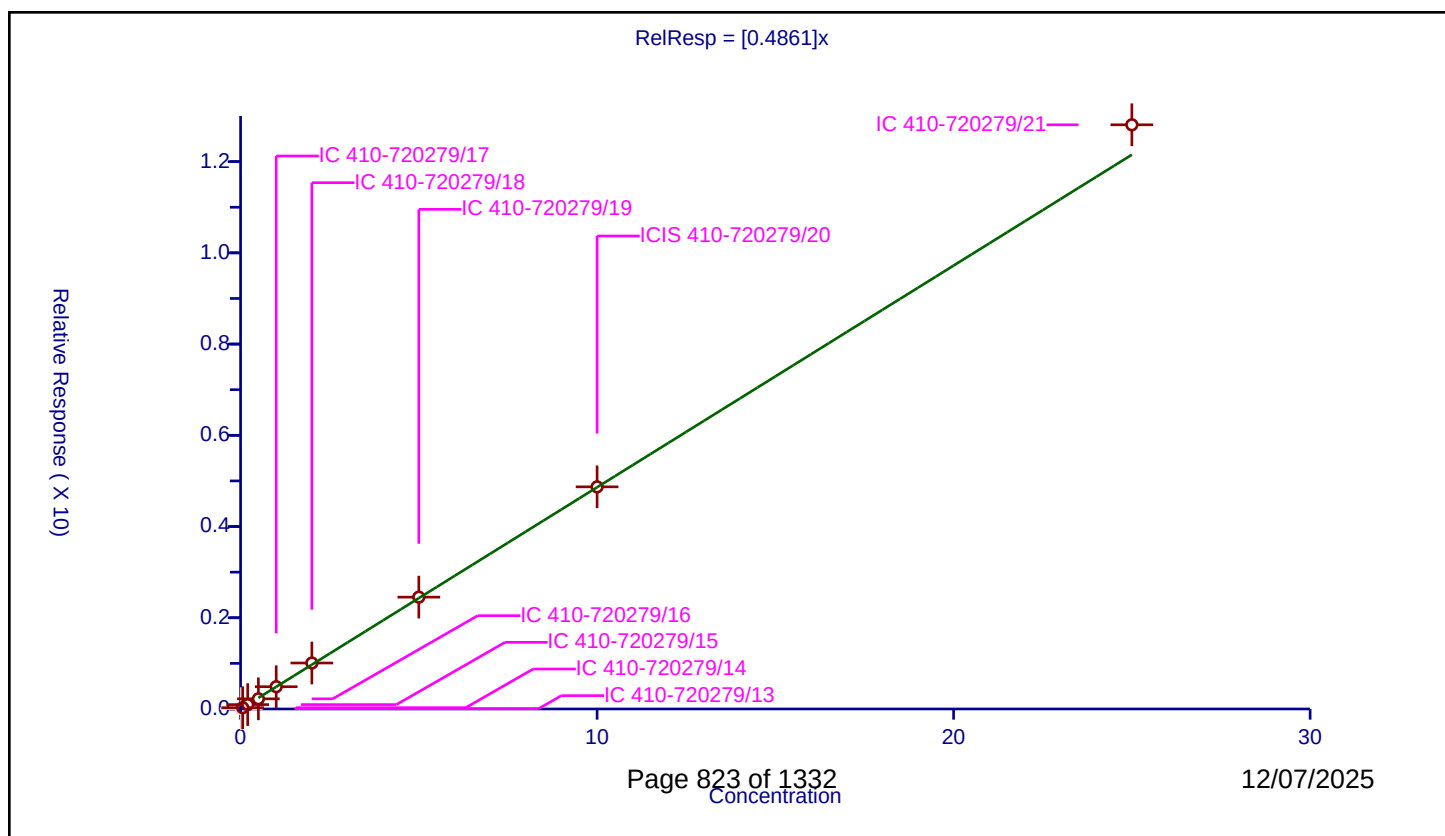
Curve Coefficients

Intercept: 0
Slope: 0.4861

Error Coefficients

Relative Standard Deviation: 4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.007735	10.0	1915919.0	0.38676	N
2	IC 410-720279/14	0.06	0.028741	10.0	1876780.0	0.479012	Y
3	IC 410-720279/15	0.2	0.096269	10.0	1910483.0	0.481344	Y
4	IC 410-720279/16	0.5	0.222869	10.0	1894743.0	0.445739	Y
5	IC 410-720279/17	1.0	0.488668	10.0	1906735.0	0.488668	Y
6	IC 410-720279/18	2.0	1.008019	10.0	1942176.0	0.504009	Y
7	IC 410-720279/19	5.0	2.452128	10.0	1995997.0	0.490426	Y
8	ICIS 410-720279/20	10.0	4.870133	10.0	2057767.0	0.487013	Y
9	IC 410-720279/21	25.0	12.807858	10.0	2174373.0	0.512314	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

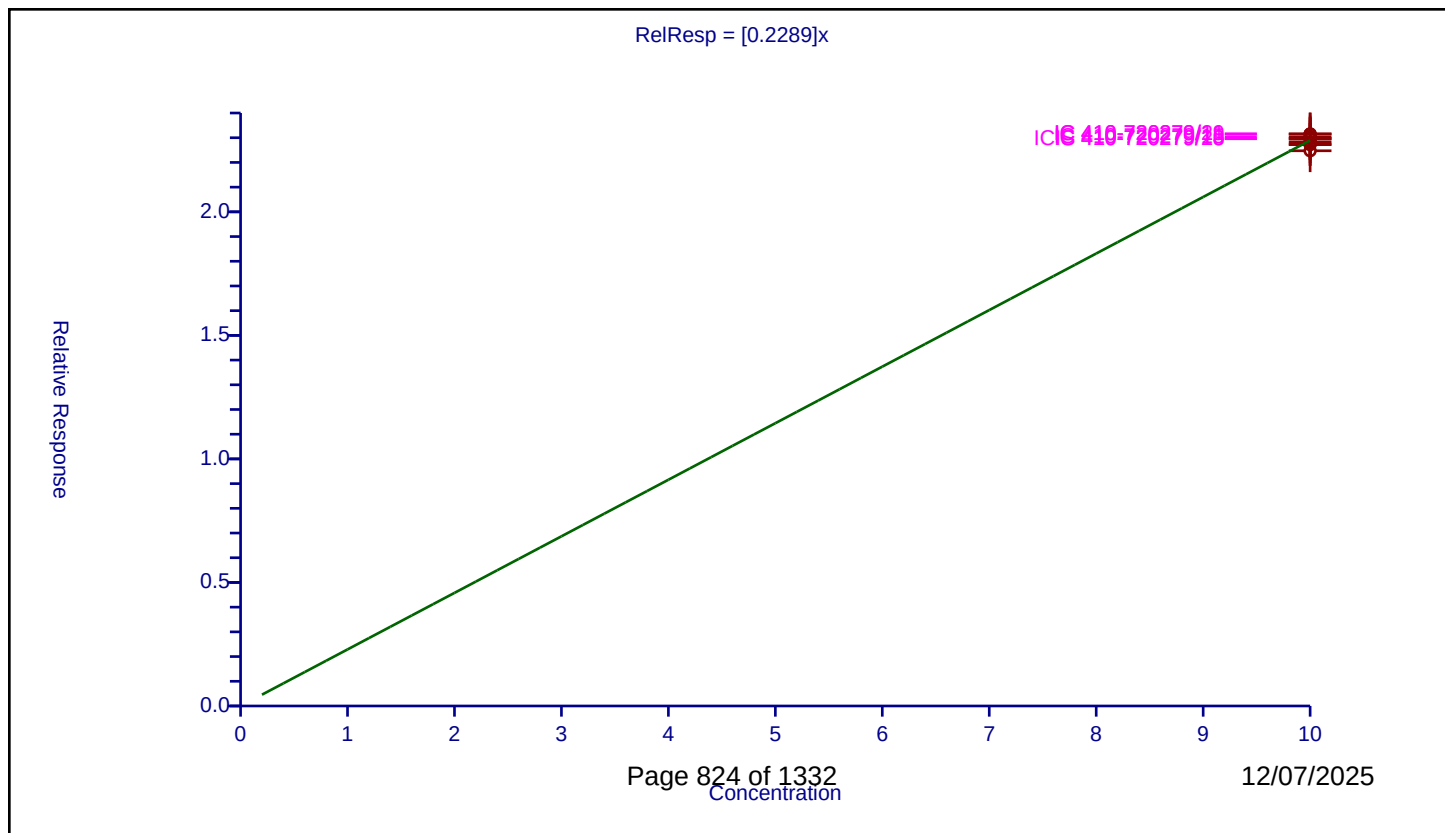
Curve Coefficients

Intercept: 0
Slope: 0.2289

Error Coefficients

Relative Standard Deviation: 1.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	10.0	2.247141	10.0	1915919.0	0.224714	Y
2	IC 410-720279/14	10.0	2.27414	10.0	1876780.0	0.227414	Y
3	IC 410-720279/15	10.0	2.302821	10.0	1910483.0	0.230282	Y
4	IC 410-720279/16	10.0	2.27186	10.0	1894743.0	0.227186	Y
5	IC 410-720279/17	10.0	2.283495	10.0	1906735.0	0.22835	Y
6	IC 410-720279/18	10.0	2.296048	10.0	1942176.0	0.229605	Y
7	IC 410-720279/19	10.0	2.315439	10.0	1995997.0	0.231544	Y
8	ICIS 410-720279/20	10.0	2.295935	10.0	2057767.0	0.229594	Y
9	IC 410-720279/21	10.0	2.314883	10.0	2174373.0	0.231488	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

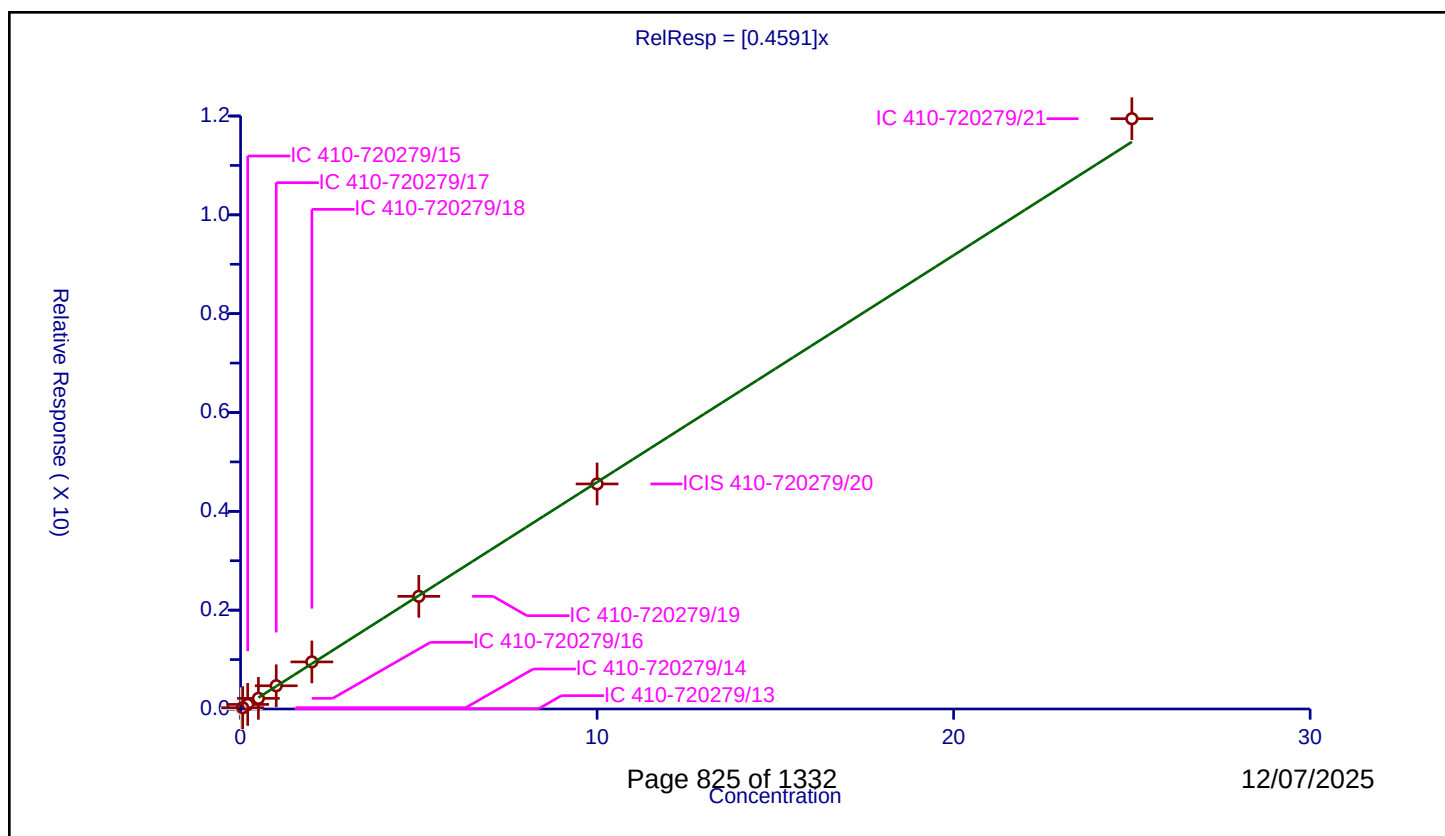
Curve Coefficients

Intercept: 0
Slope: 0.4591

Error Coefficients

Relative Standard Deviation: 3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.005773	10.0	1915919.0	0.288634	N
2	IC 410-720279/14	0.06	0.026577	10.0	1876780.0	0.442957	Y
3	IC 410-720279/15	0.2	0.092689	10.0	1910483.0	0.463443	Y
4	IC 410-720279/16	0.5	0.215259	10.0	1894743.0	0.430517	Y
5	IC 410-720279/17	1.0	0.469824	10.0	1906735.0	0.469824	Y
6	IC 410-720279/18	2.0	0.95289	10.0	1942176.0	0.476445	Y
7	IC 410-720279/19	5.0	2.279858	10.0	1995997.0	0.455972	Y
8	ICIS 410-720279/20	10.0	4.554583	10.0	2057767.0	0.455458	Y
9	IC 410-720279/21	25.0	11.945319	10.0	2174373.0	0.477813	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

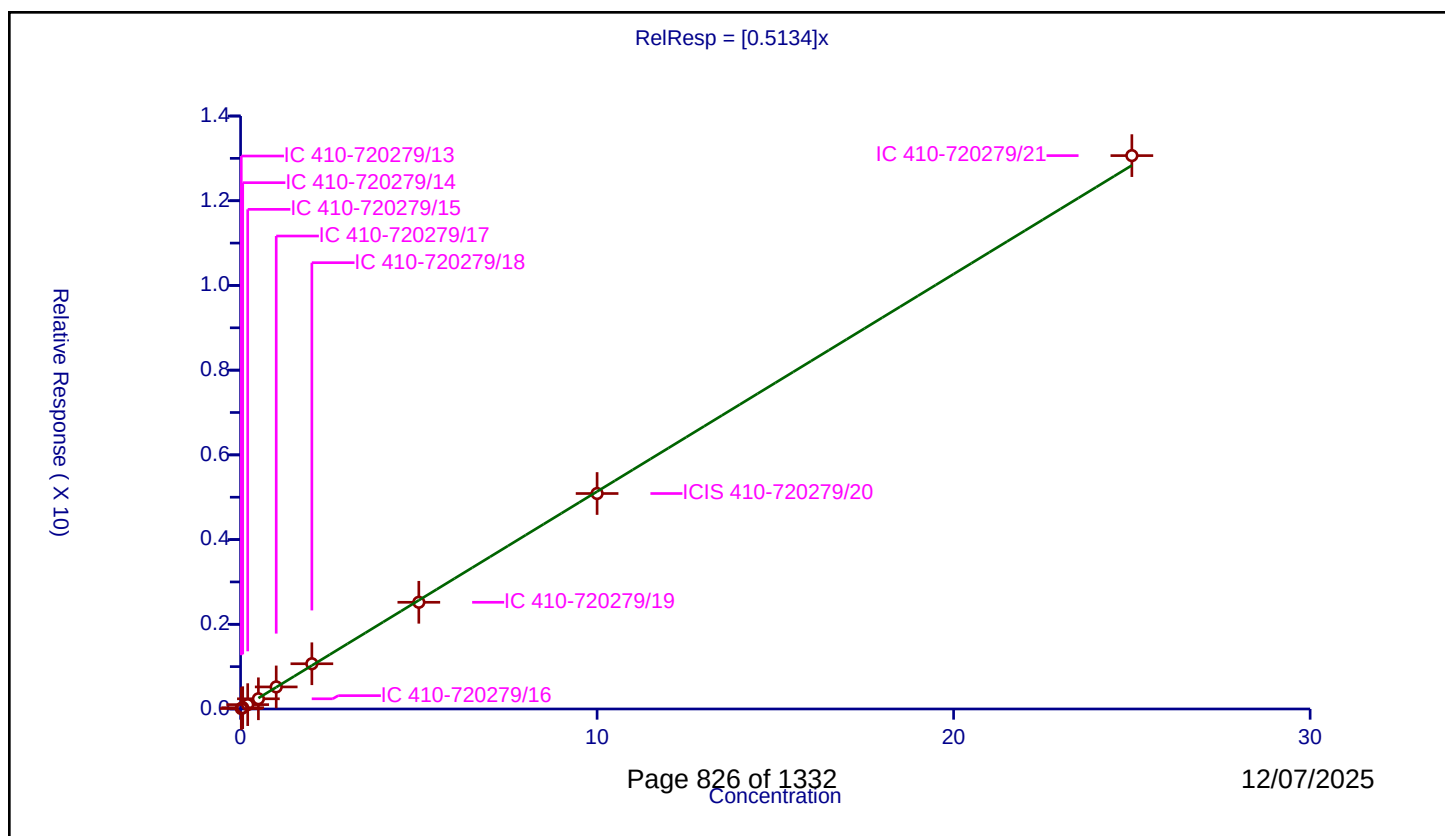
Curve Coefficients

Intercept: 0
Slope: 0.5134

Error Coefficients

Relative Standard Deviation: 2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.010408	10.0	1915919.0	0.520377	Y
2	IC 410-720279/14	0.06	0.030803	10.0	1876780.0	0.513379	Y
3	IC 410-720279/15	0.2	0.102911	10.0	1910483.0	0.514556	Y
4	IC 410-720279/16	0.5	0.24084	10.0	1894743.0	0.48168	Y
5	IC 410-720279/17	1.0	0.521053	10.0	1906735.0	0.521053	Y
6	IC 410-720279/18	2.0	1.068266	10.0	1942176.0	0.534133	Y
7	IC 410-720279/19	5.0	2.519192	10.0	1995997.0	0.503838	Y
8	ICIS 410-720279/20	10.0	5.087384	10.0	2057767.0	0.508738	Y
9	IC 410-720279/21	25.0	13.065031	10.0	2174373.0	0.522601	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

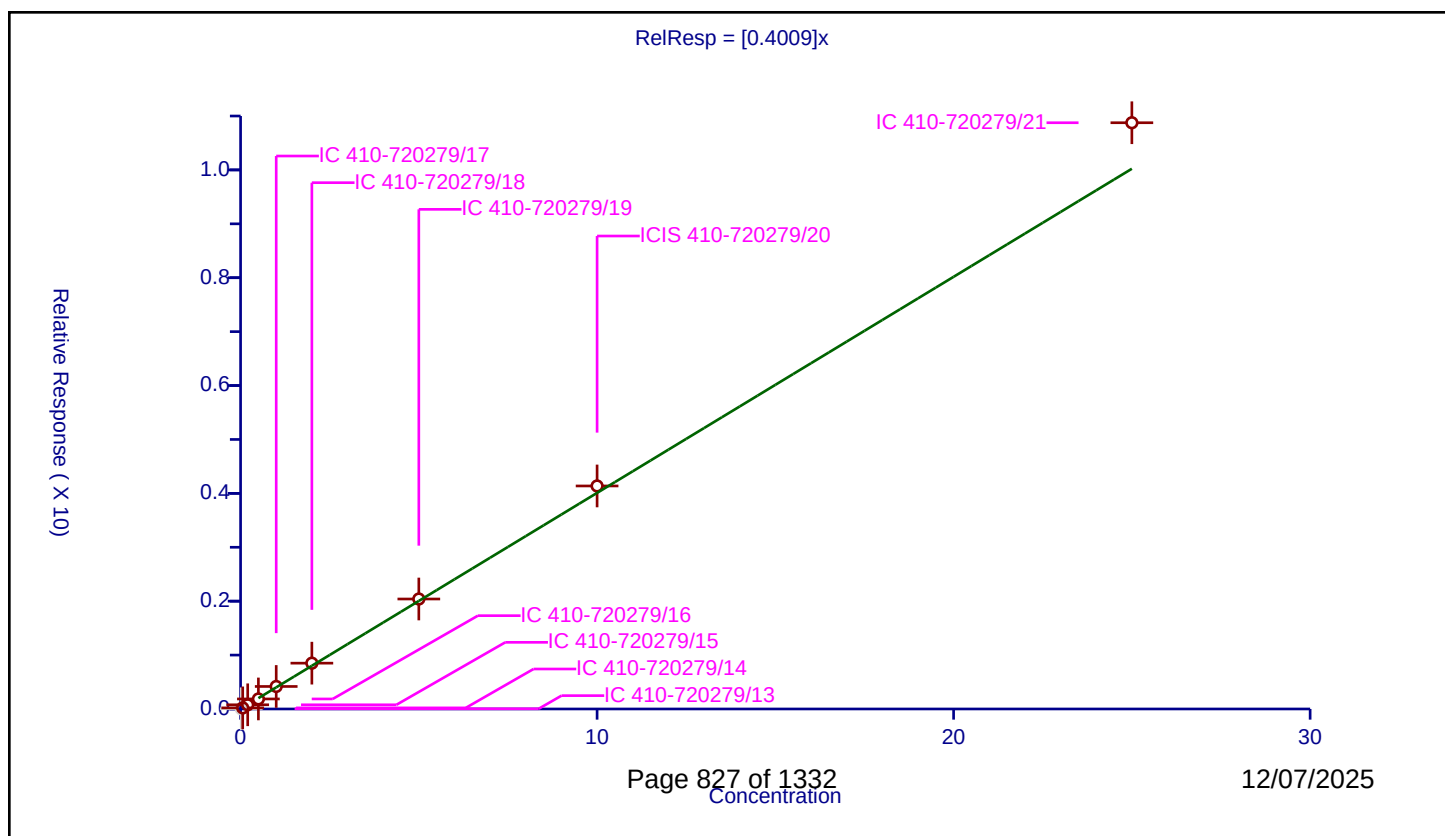
Curve Coefficients

Intercept: 0
Slope: 0.4009

Error Coefficients

Relative Standard Deviation: 7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.004296	10.0	1915919.0	0.214779	N
2	IC 410-720279/14	0.06	0.020743	10.0	1876780.0	0.345716	Y
3	IC 410-720279/15	0.2	0.077865	10.0	1910483.0	0.389326	Y
4	IC 410-720279/16	0.5	0.186099	10.0	1894743.0	0.372198	Y
5	IC 410-720279/17	1.0	0.417919	10.0	1906735.0	0.417919	Y
6	IC 410-720279/18	2.0	0.849938	10.0	1942176.0	0.424969	Y
7	IC 410-720279/19	5.0	2.040294	10.0	1995997.0	0.408059	Y
8	ICIS 410-720279/20	10.0	4.137043	10.0	2057767.0	0.413704	Y
9	IC 410-720279/21	25.0	10.875117	10.0	2174373.0	0.435005	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

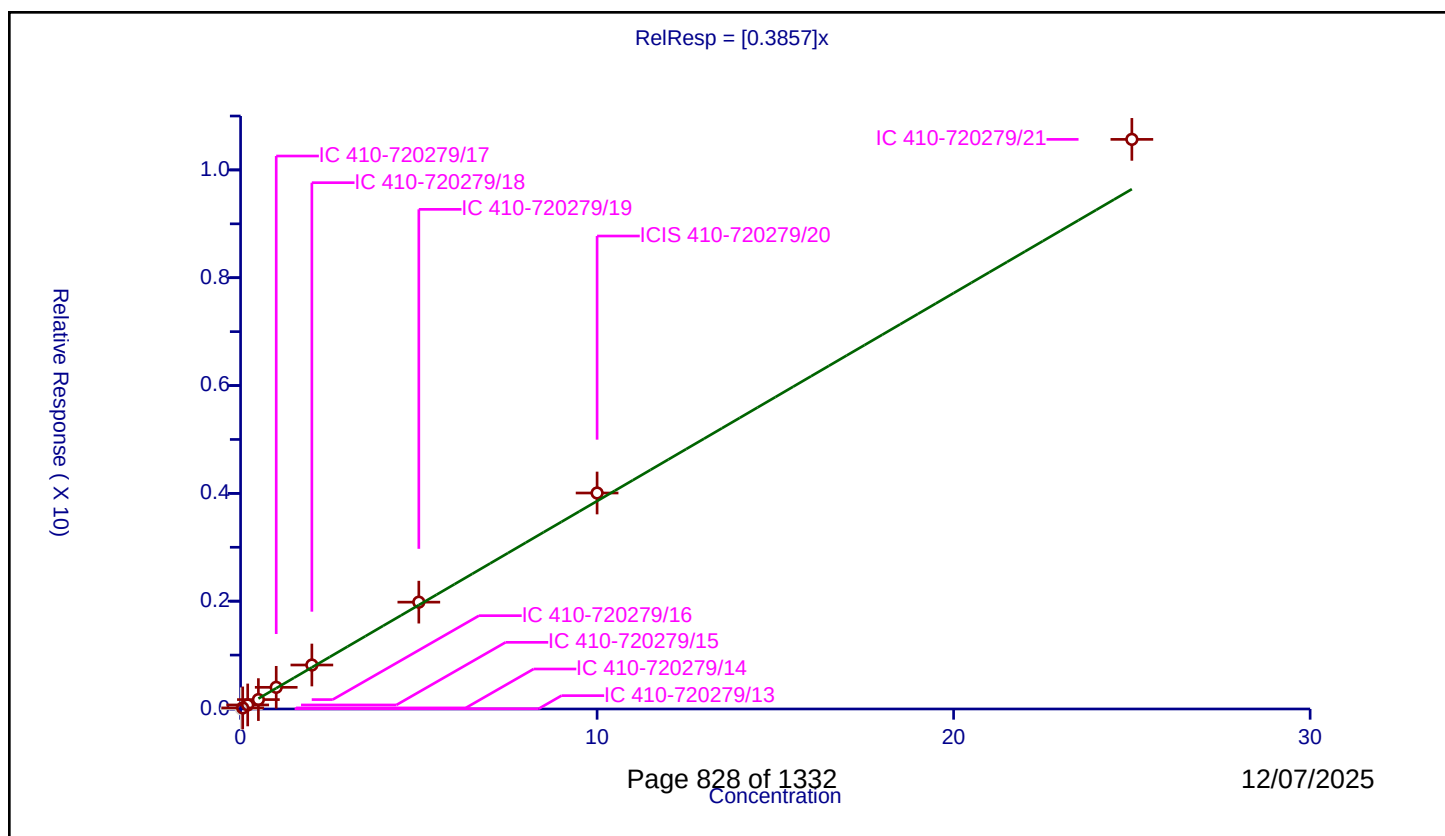
Curve Coefficients

Intercept: 0
Slope: 0.3857

Error Coefficients

Relative Standard Deviation: 8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.004818	10.0	1915919.0	0.240877	N
2	IC 410-720279/14	0.06	0.020008	10.0	1876780.0	0.333461	Y
3	IC 410-720279/15	0.2	0.07474	10.0	1910483.0	0.373701	Y
4	IC 410-720279/16	0.5	0.174493	10.0	1894743.0	0.348987	Y
5	IC 410-720279/17	1.0	0.402153	10.0	1906735.0	0.402153	Y
6	IC 410-720279/18	2.0	0.815807	10.0	1942176.0	0.407903	Y
7	IC 410-720279/19	5.0	1.981832	10.0	1995997.0	0.396366	Y
8	ICIS 410-720279/20	10.0	4.006455	10.0	2057767.0	0.400645	Y
9	IC 410-720279/21	25.0	10.566752	10.0	2174373.0	0.42267	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

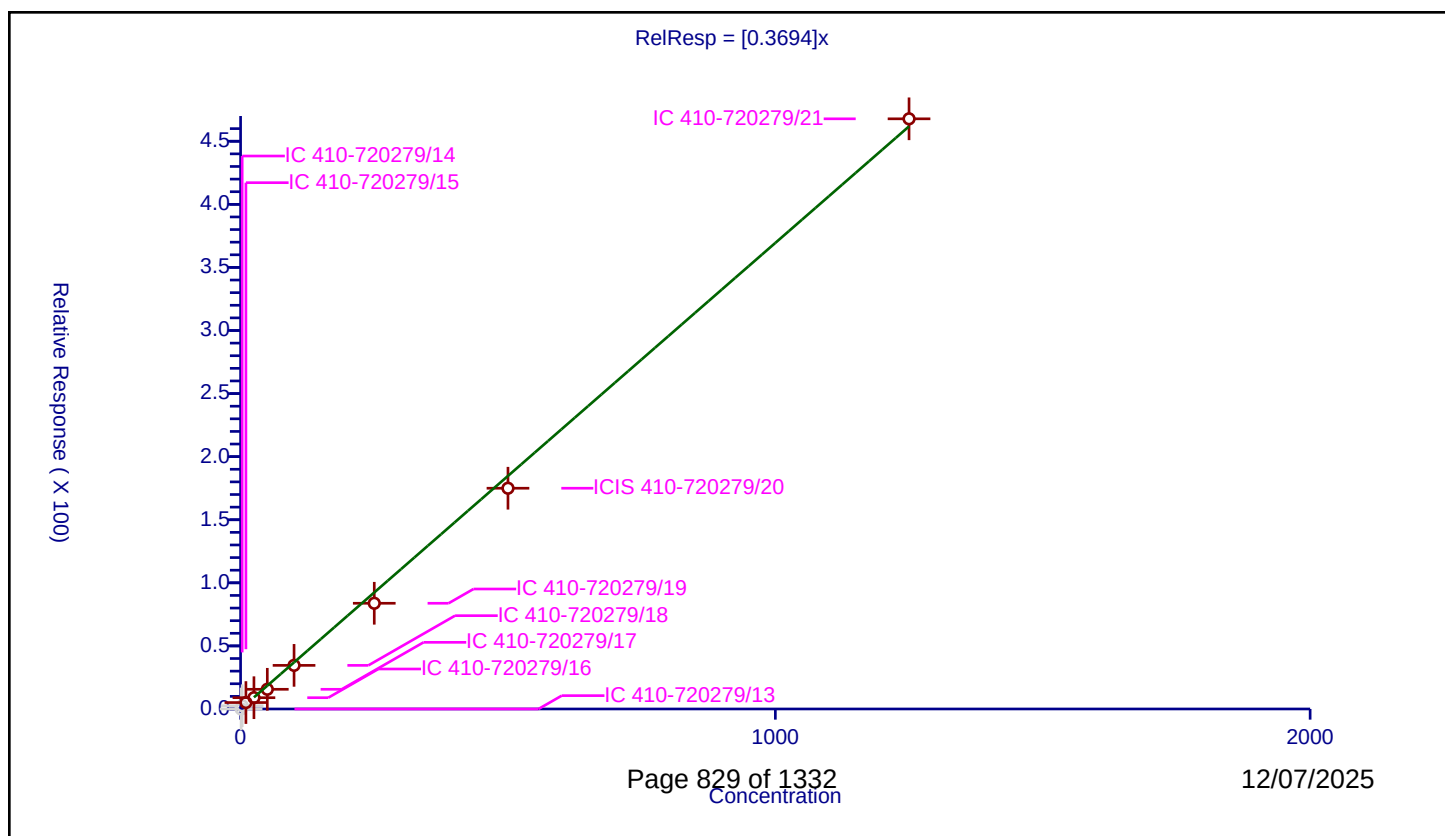
Curve Coefficients

Intercept: 0
Slope: 0.3694

Error Coefficients

Relative Standard Deviation: 17.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	1.0	0.0	50.0	30751.0	0.0	N
2	IC 410-720279/14	3.0	2.558865	50.0	68292.0	0.852955	N
3	IC 410-720279/15	10.0	5.110504	50.0	60767.0	0.51105	Y
4	IC 410-720279/16	25.0	8.945358	50.0	63614.0	0.357814	Y
5	IC 410-720279/17	50.0	15.608155	50.0	65674.0	0.312163	Y
6	IC 410-720279/18	100.0	34.568007	50.0	58126.0	0.34568	Y
7	IC 410-720279/19	250.0	83.799749	50.0	62212.0	0.335199	Y
8	ICIS 410-720279/20	500.0	174.982618	50.0	76229.0	0.349965	Y
9	IC 410-720279/21	1250.0	467.77491	50.0	68968.0	0.37422	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

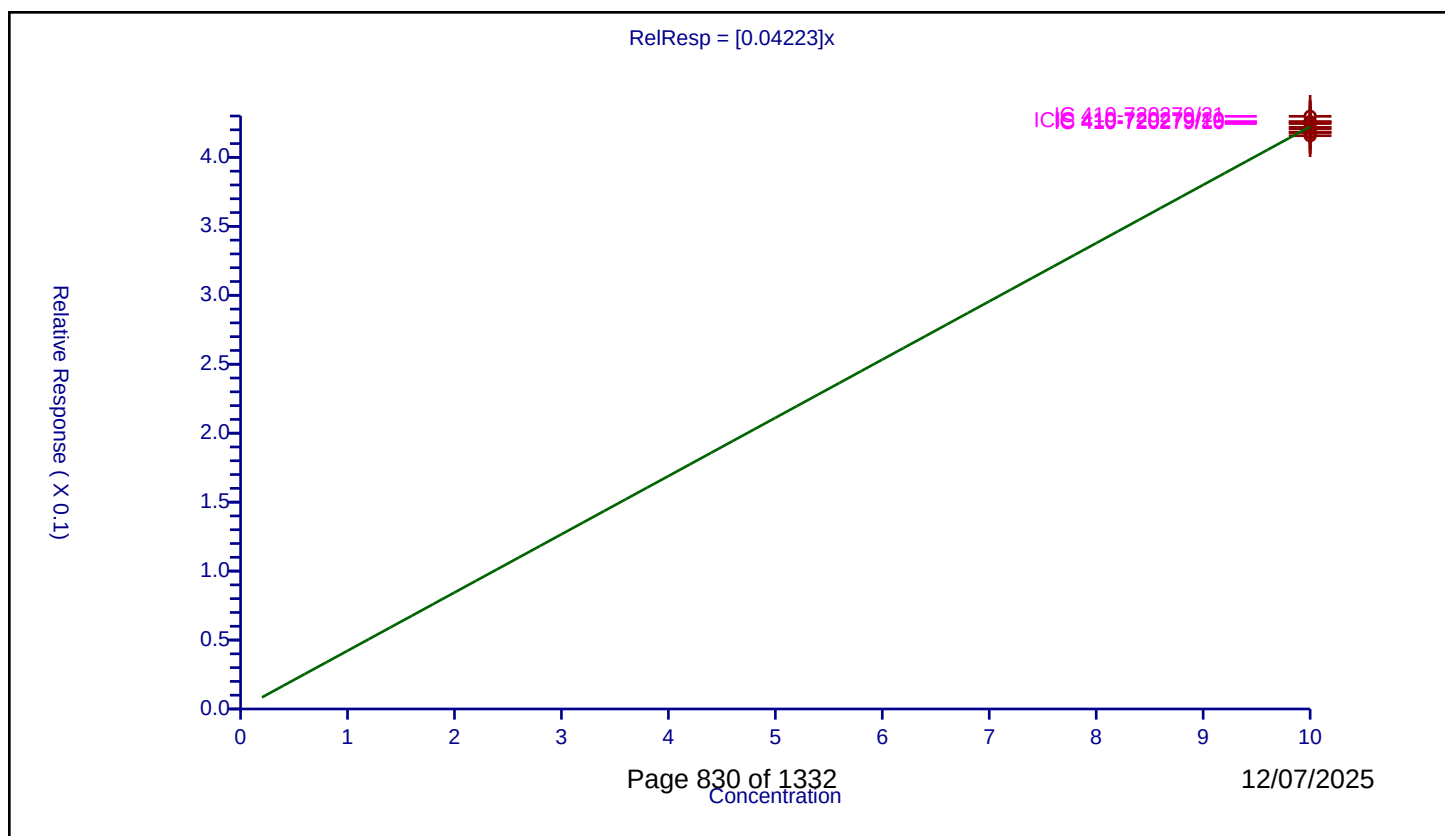
Curve Coefficients

Intercept: 0
Slope: 0.04223

Error Coefficients

Relative Standard Deviation: 1.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	10.0	0.417977	10.0	1915919.0	0.041798	Y
2	IC 410-720279/14	10.0	0.41836	10.0	1876780.0	0.041836	Y
3	IC 410-720279/15	10.0	0.420831	10.0	1910483.0	0.042083	Y
4	IC 410-720279/16	10.0	0.424511	10.0	1894743.0	0.042451	Y
5	IC 410-720279/17	10.0	0.415716	10.0	1906735.0	0.041572	Y
6	IC 410-720279/18	10.0	0.421805	10.0	1942176.0	0.042181	Y
7	IC 410-720279/19	10.0	0.425627	10.0	1995997.0	0.042563	Y
8	ICIS 410-720279/20	10.0	0.425933	10.0	2057767.0	0.042593	Y
9	IC 410-720279/21	10.0	0.429784	10.0	2174373.0	0.042978	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

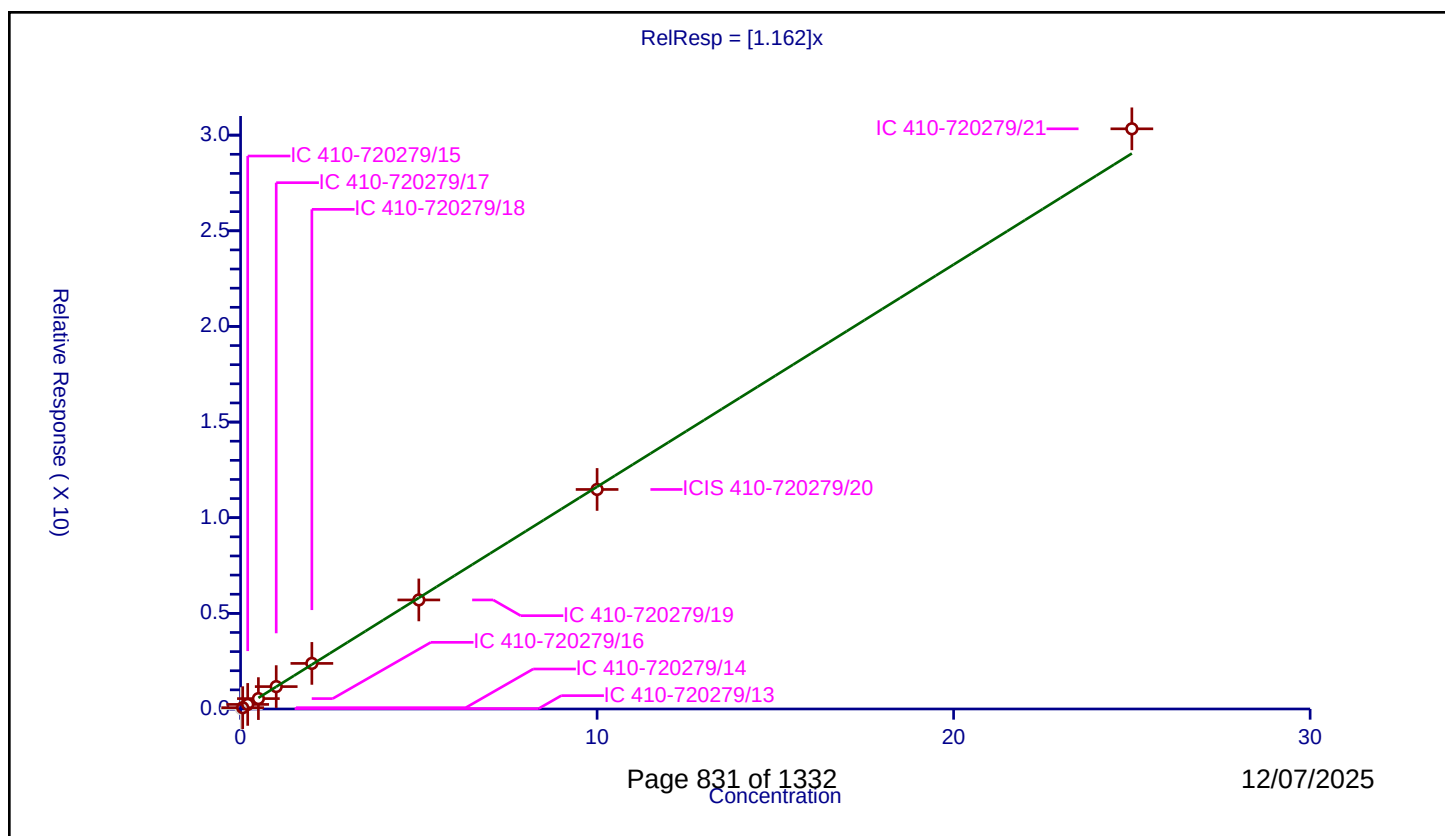
Curve Coefficients

Intercept: 0
Slope: 1.162

Error Coefficients

Relative Standard Deviation: 3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.02104	10.0	1915919.0	1.051976	N
2	IC 410-720279/14	0.06	0.0689	10.0	1876780.0	1.148332	Y
3	IC 410-720279/15	0.2	0.239201	10.0	1910483.0	1.196006	Y
4	IC 410-720279/16	0.5	0.54305	10.0	1894743.0	1.0861	Y
5	IC 410-720279/17	1.0	1.170299	10.0	1906735.0	1.170299	Y
6	IC 410-720279/18	2.0	2.382925	10.0	1942176.0	1.191463	Y
7	IC 410-720279/19	5.0	5.701652	10.0	1995997.0	1.14033	Y
8	ICIS 410-720279/20	10.0	11.477218	10.0	2057767.0	1.147722	Y
9	IC 410-720279/21	25.0	30.33119	10.0	2174373.0	1.213248	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

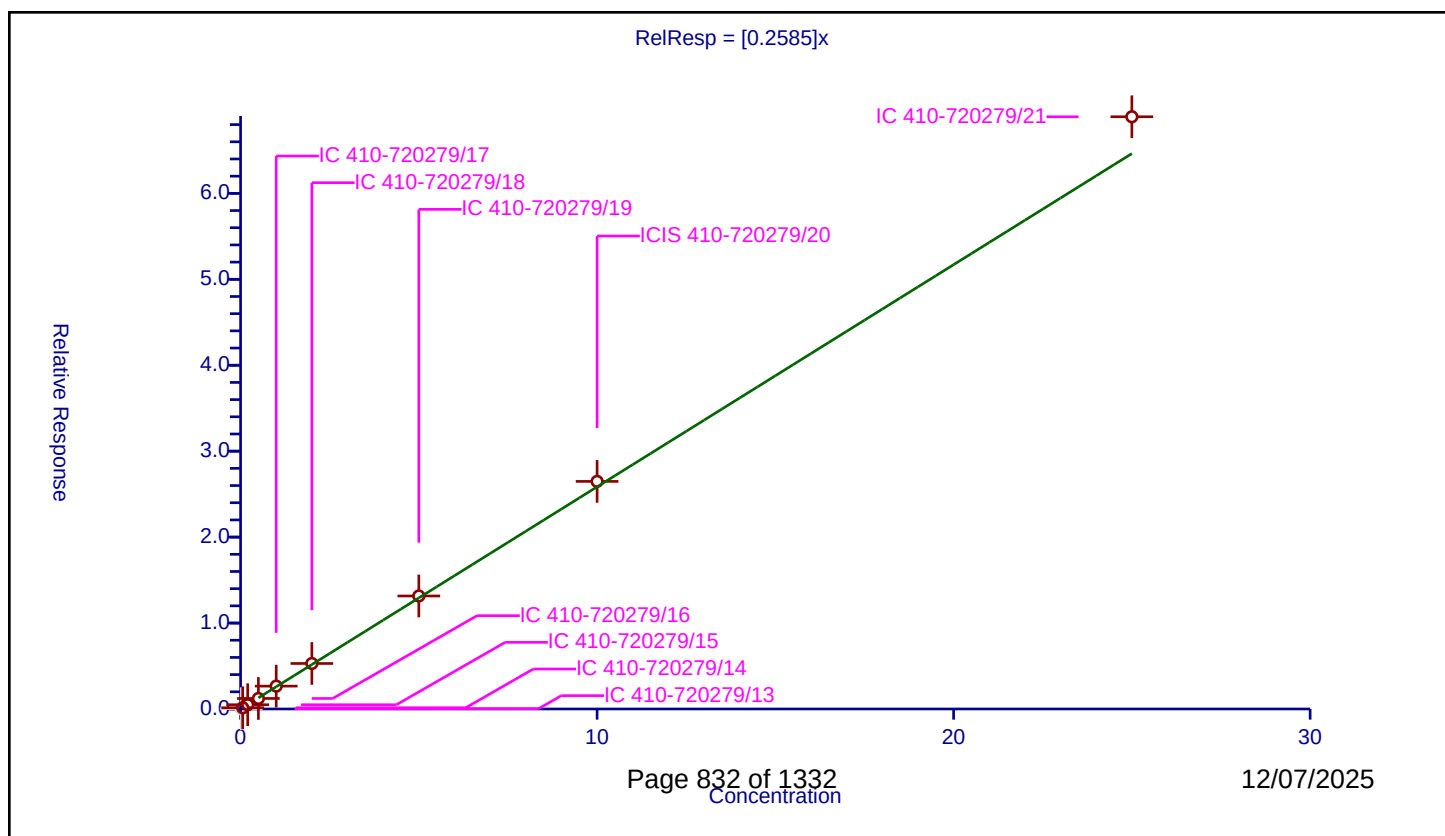
Curve Coefficients

Intercept: 0
Slope: 0.2585

Error Coefficients

Relative Standard Deviation: 4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.003941	10.0	1915919.0	0.197033	N
2	IC 410-720279/14	0.06	0.014461	10.0	1876780.0	0.241016	Y
3	IC 410-720279/15	0.2	0.04959	10.0	1910483.0	0.247948	Y
4	IC 410-720279/16	0.5	0.122502	10.0	1894743.0	0.245004	Y
5	IC 410-720279/17	1.0	0.265957	10.0	1906735.0	0.265957	Y
6	IC 410-720279/18	2.0	0.529458	10.0	1942176.0	0.264729	Y
7	IC 410-720279/19	5.0	1.314761	10.0	1995997.0	0.262952	Y
8	ICIS 410-720279/20	10.0	2.648346	10.0	2057767.0	0.264835	Y
9	IC 410-720279/21	25.0	6.891394	10.0	2174373.0	0.275656	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

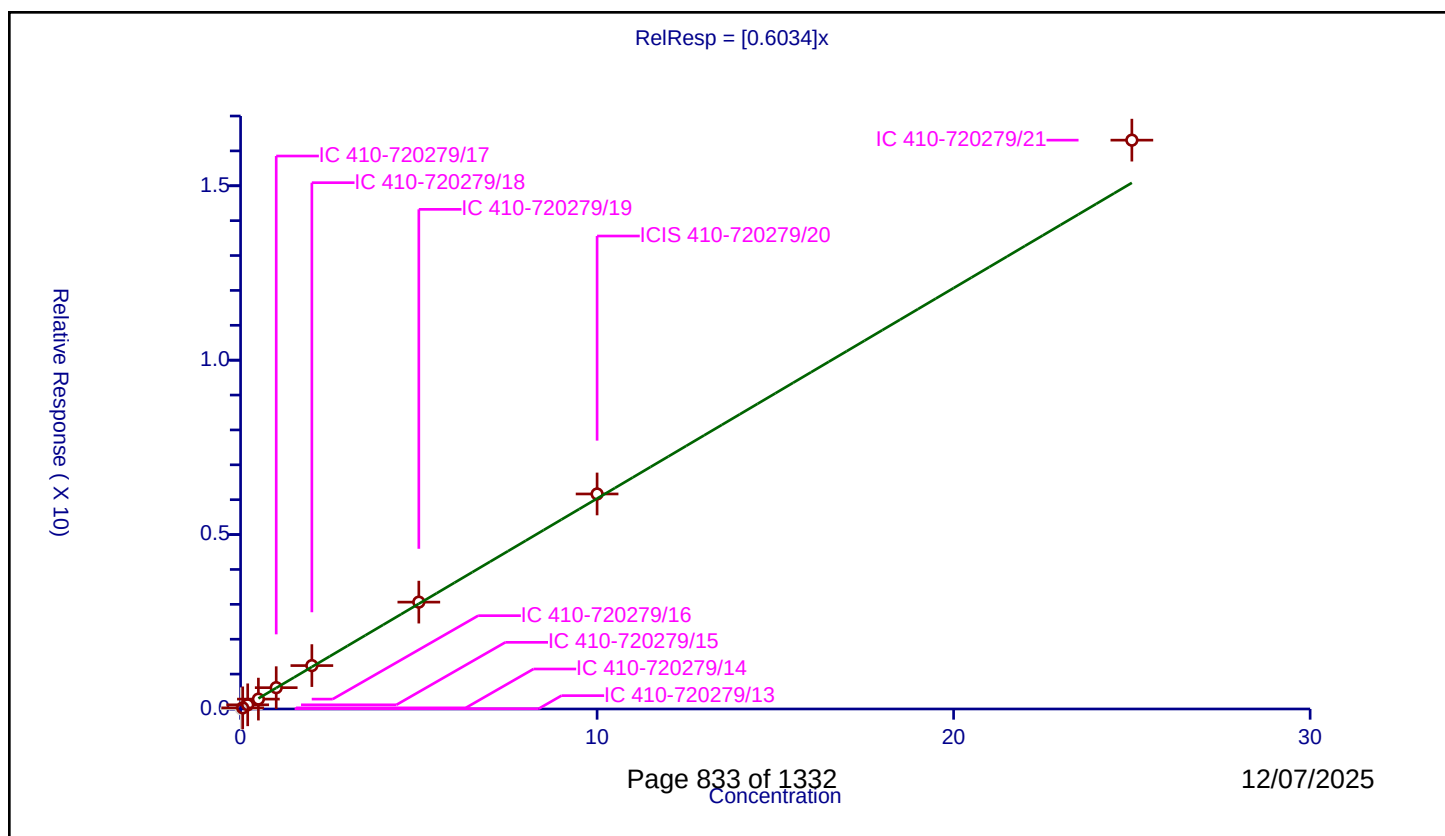
Curve Coefficients

Intercept: 0
Slope: 0.6034

Error Coefficients

Relative Standard Deviation: 5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.007866	10.0	1915919.0	0.393284	N
2	IC 410-720279/14	0.06	0.032828	10.0	1876780.0	0.547125	Y
3	IC 410-720279/15	0.2	0.119593	10.0	1910483.0	0.597964	Y
4	IC 410-720279/16	0.5	0.283548	10.0	1894743.0	0.567095	Y
5	IC 410-720279/17	1.0	0.61126	10.0	1906735.0	0.61126	Y
6	IC 410-720279/18	2.0	1.243904	10.0	1942176.0	0.621952	Y
7	IC 410-720279/19	5.0	3.064023	10.0	1995997.0	0.612805	Y
8	ICIS 410-720279/20	10.0	6.164595	10.0	2057767.0	0.616459	Y
9	IC 410-720279/21	25.0	16.308402	10.0	2174373.0	0.652336	Y



Calibration

/ n-Heptane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

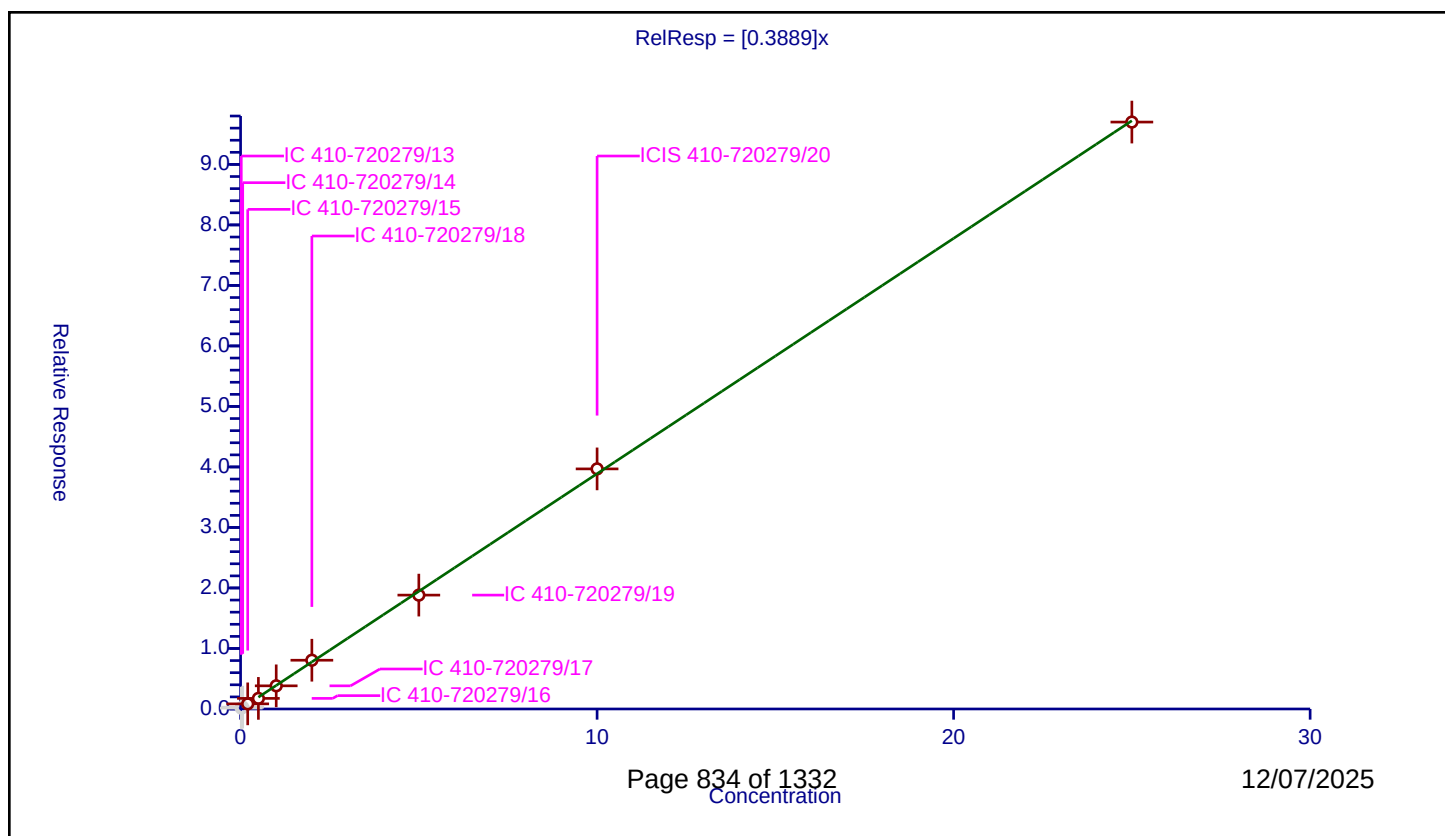
Curve Coefficients

Intercept: 0
Slope: 0.3889

Error Coefficients

Relative Standard Deviation: 6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.014881	10.0	1915919.0	0.744029	N
2	IC 410-720279/14	0.06	0.030046	10.0	1876780.0	0.500769	N
3	IC 410-720279/15	0.2	0.084999	10.0	1910483.0	0.424997	Y
4	IC 410-720279/16	0.5	0.175037	10.0	1894743.0	0.350074	Y
5	IC 410-720279/17	1.0	0.382885	10.0	1906735.0	0.382885	Y
6	IC 410-720279/18	2.0	0.805972	10.0	1942176.0	0.402986	Y
7	IC 410-720279/19	5.0	1.882027	10.0	1995997.0	0.376405	Y
8	ICIS 410-720279/20	10.0	3.96817	10.0	2057767.0	0.396817	Y
9	IC 410-720279/21	25.0	9.700028	10.0	2174373.0	0.388001	Y



Calibration

/ n-Butanol

Curve Type: Linear
Weighting: None
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

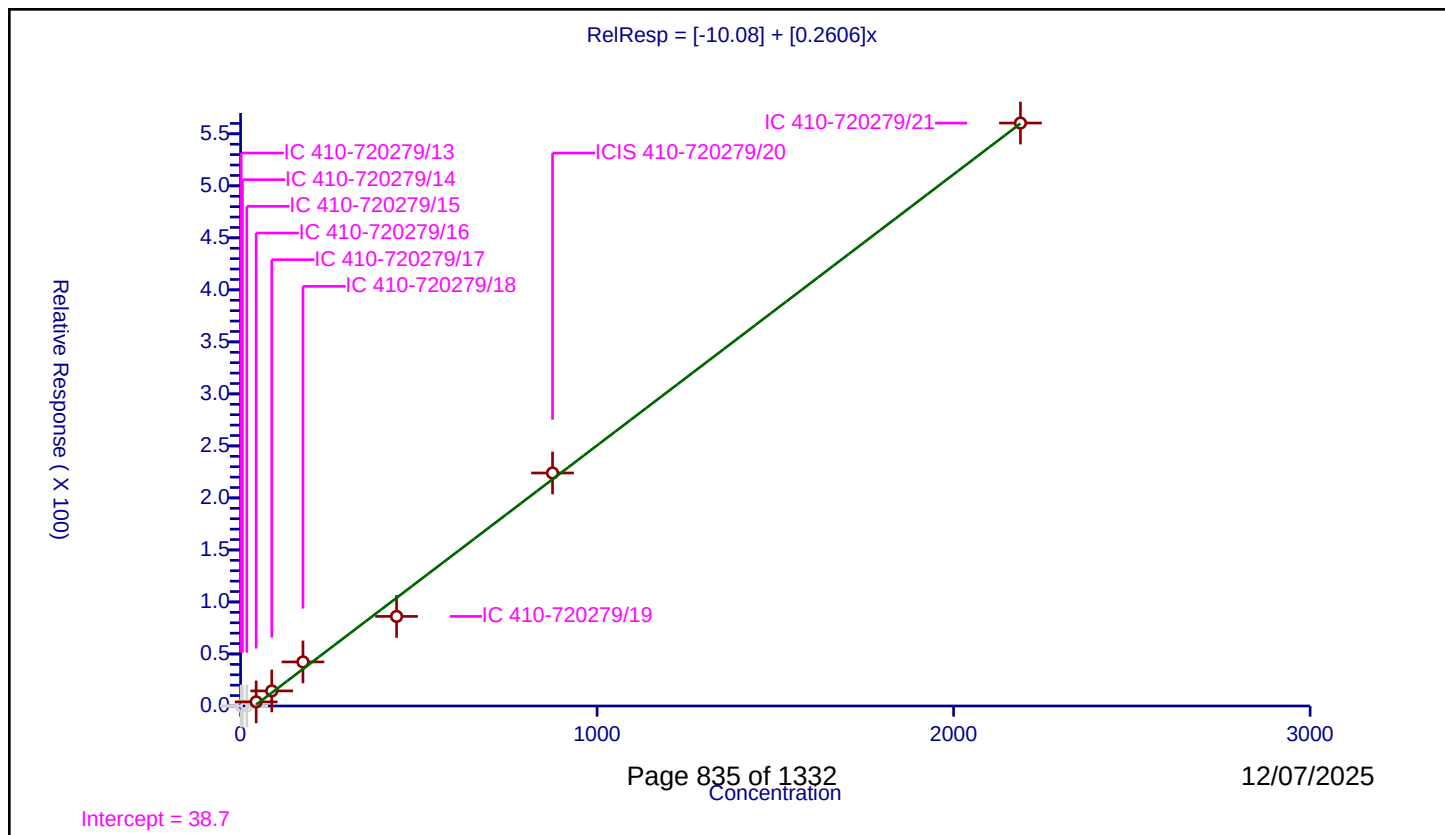
Curve Coefficients

Intercept: -10.08
Slope: 0.2606

Error Coefficients

Relative Standard Deviation: 16.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	1.75	0.0	50.0	30751.0	0.0	N
2	IC 410-720279/14	5.25	0.0	50.0	68292.0	0.0	N
3	IC 410-720279/15	17.5	0.0	50.0	60767.0	0.0	N
4	IC 410-720279/16	43.75	3.964536	50.0	63614.0	0.090618	Y
5	IC 410-720279/17	87.5	14.485946	50.0	65674.0	0.165554	Y
6	IC 410-720279/18	175.0	42.367443	50.0	58126.0	0.2421	Y
7	IC 410-720279/19	437.5	86.123256	50.0	62212.0	0.196853	Y
8	ICIS 410-720279/20	875.0	223.982999	50.0	76229.0	0.255981	Y
9	IC 410-720279/21	2187.5	560.362777	50.0	68968.0	0.256166	Y



Calibration

/ Trichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

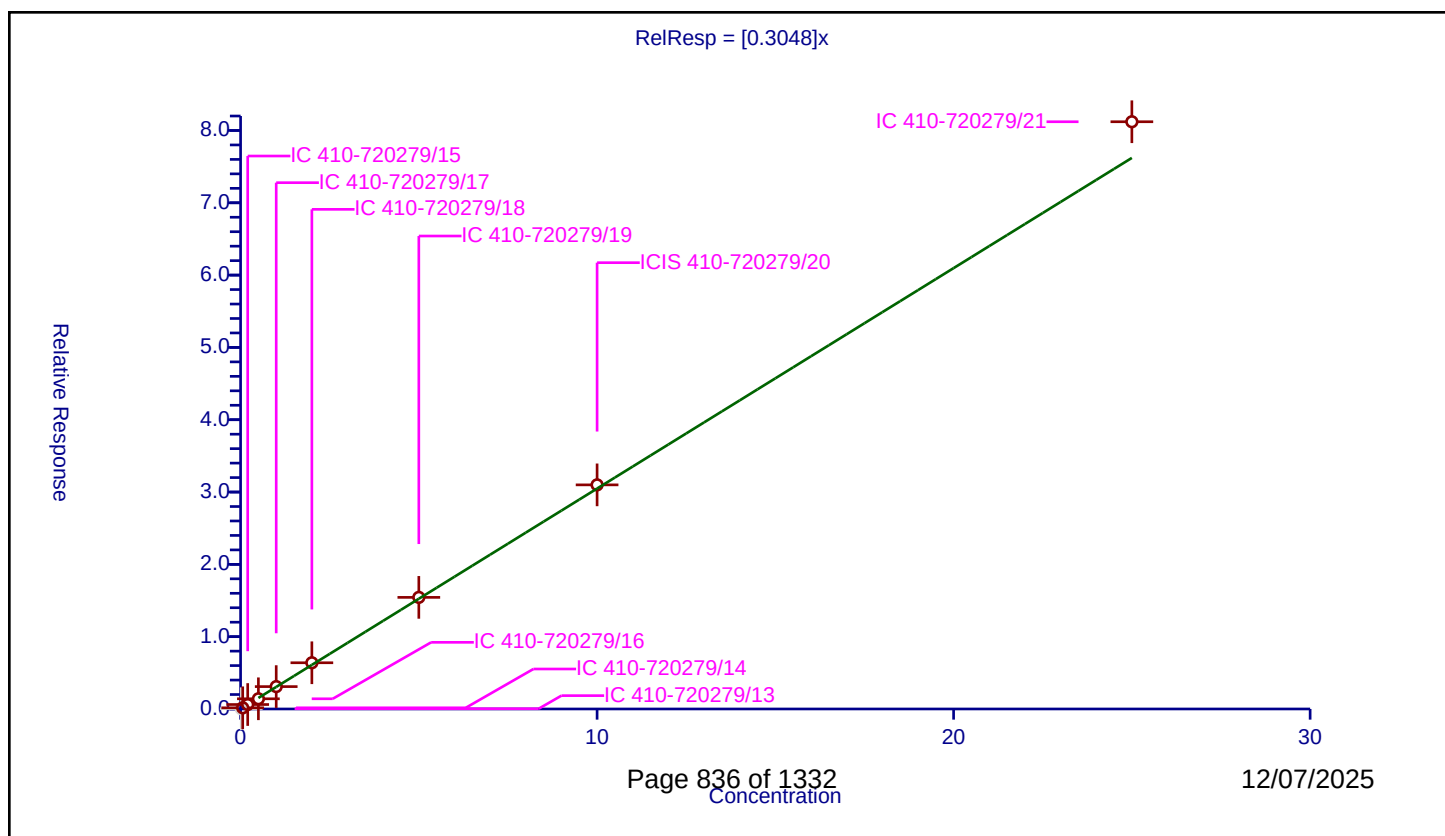
Curve Coefficients

Intercept: 0
Slope: 0.3048

Error Coefficients

Relative Standard Deviation: 5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.00381	10.0	1915919.0	0.190509	N
2	IC 410-720279/14	0.06	0.016528	10.0	1876780.0	0.275472	Y
3	IC 410-720279/15	0.2	0.06166	10.0	1910483.0	0.308299	Y
4	IC 410-720279/16	0.5	0.141154	10.0	1894743.0	0.282307	Y
5	IC 410-720279/17	1.0	0.30954	10.0	1906735.0	0.30954	Y
6	IC 410-720279/18	2.0	0.639077	10.0	1942176.0	0.319538	Y
7	IC 410-720279/19	5.0	1.543625	10.0	1995997.0	0.308725	Y
8	ICIS 410-720279/20	10.0	3.099262	10.0	2057767.0	0.309926	Y
9	IC 410-720279/21	25.0	8.120828	10.0	2174373.0	0.324833	Y



Calibration

/ Methylcyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

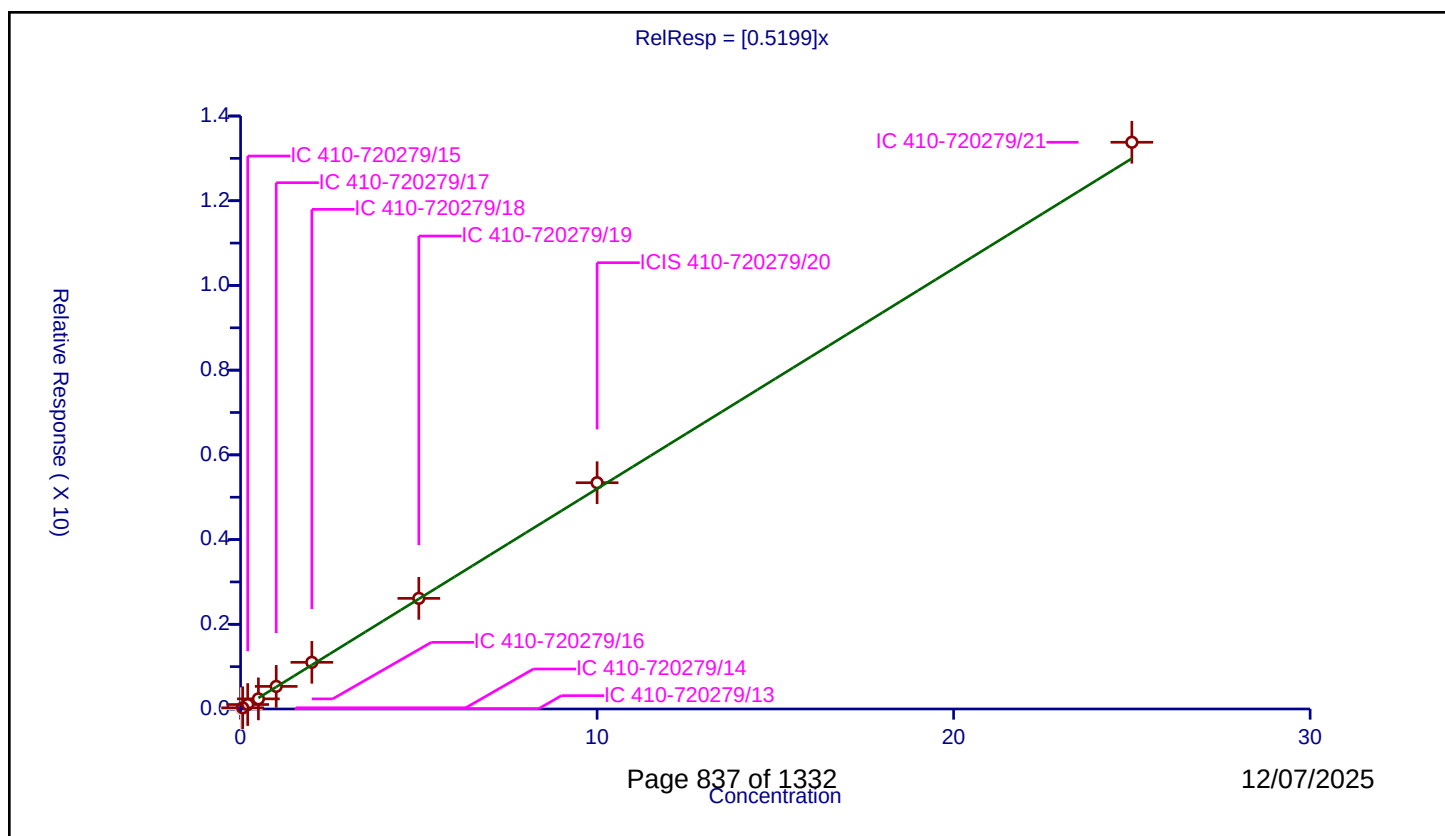
Curve Coefficients

Intercept: 0
Slope: 0.5199

Error Coefficients

Relative Standard Deviation: 5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.007532	10.0	1915919.0	0.376582	N
2	IC 410-720279/14	0.06	0.028757	10.0	1876780.0	0.479278	Y
3	IC 410-720279/15	0.2	0.105146	10.0	1910483.0	0.525731	Y
4	IC 410-720279/16	0.5	0.238956	10.0	1894743.0	0.477912	Y
5	IC 410-720279/17	1.0	0.533456	10.0	1906735.0	0.533456	Y
6	IC 410-720279/18	2.0	1.102166	10.0	1942176.0	0.551083	Y
7	IC 410-720279/19	5.0	2.611637	10.0	1995997.0	0.522327	Y
8	ICIS 410-720279/20	10.0	5.34216	10.0	2057767.0	0.534216	Y
9	IC 410-720279/21	25.0	13.380174	10.0	2174373.0	0.535207	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

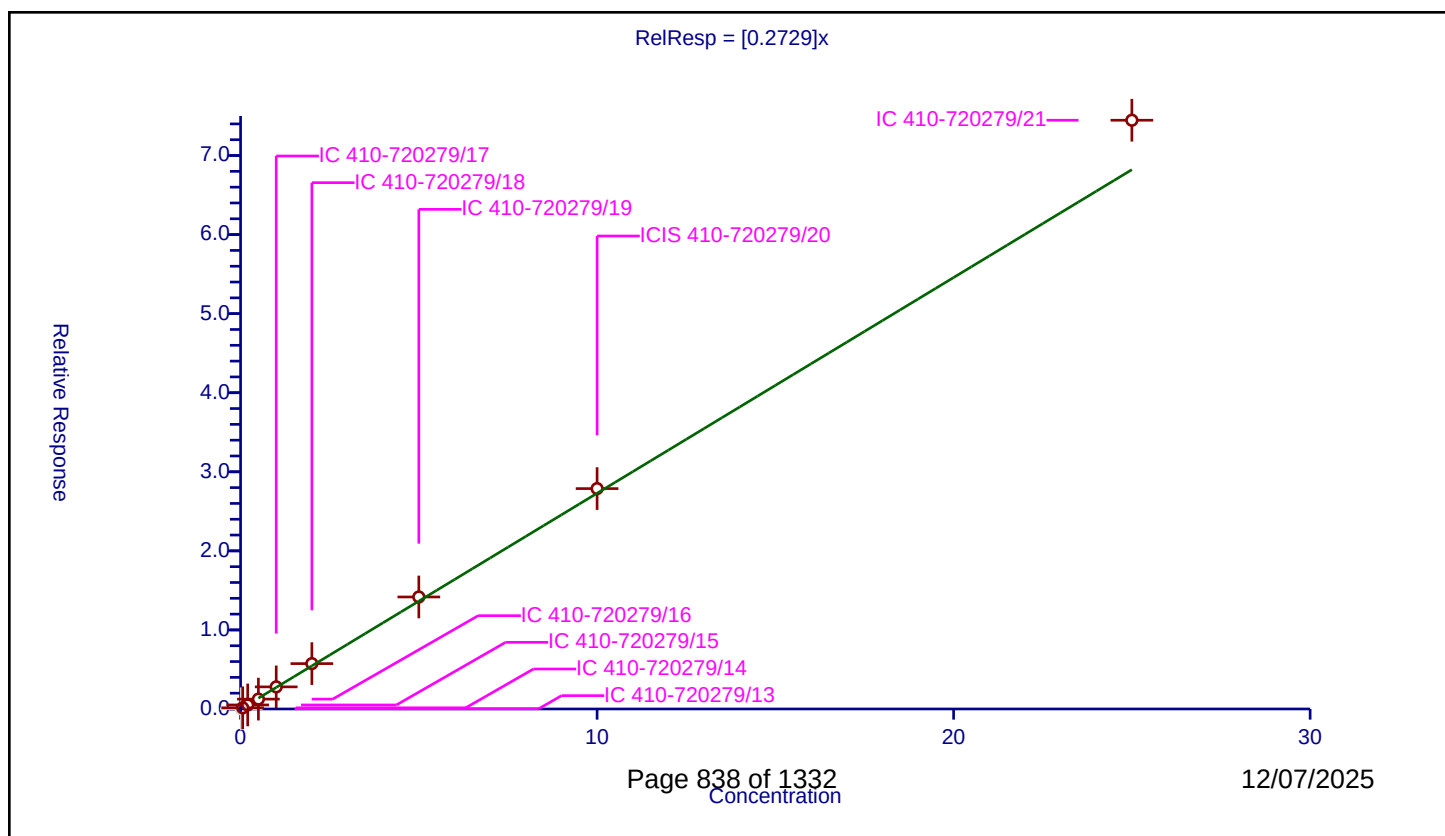
Curve Coefficients

Intercept: 0
Slope: 0.2729

Error Coefficients

Relative Standard Deviation: 6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.002886	10.0	1915919.0	0.144317	N
2	IC 410-720279/14	0.06	0.015015	10.0	1876780.0	0.250251	Y
3	IC 410-720279/15	0.2	0.051165	10.0	1910483.0	0.255825	Y
4	IC 410-720279/16	0.5	0.12494	10.0	1894743.0	0.249881	Y
5	IC 410-720279/17	1.0	0.279903	10.0	1906735.0	0.279903	Y
6	IC 410-720279/18	2.0	0.574016	10.0	1942176.0	0.287008	Y
7	IC 410-720279/19	5.0	1.416856	10.0	1995997.0	0.283371	Y
8	ICIS 410-720279/20	10.0	2.787313	10.0	2057767.0	0.278731	Y
9	IC 410-720279/21	25.0	7.446698	10.0	2174373.0	0.297868	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

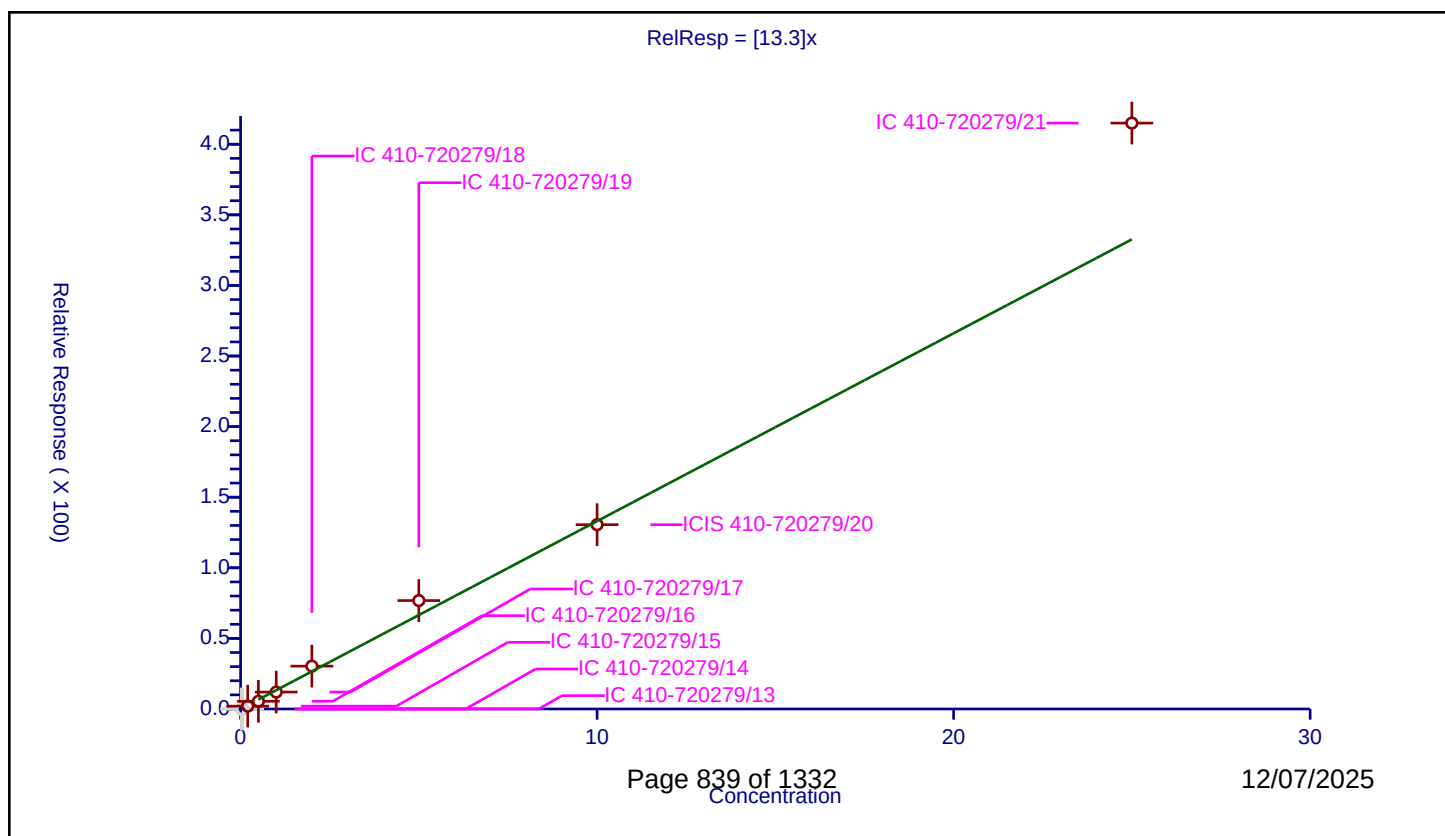
Curve Coefficients

Intercept: 0
Slope: 13.3

Error Coefficients

Relative Standard Deviation: 18.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0	50.0	30751.0	0.0	N
2	IC 410-720279/14	0.06	0.0	50.0	68292.0	0.0	N
3	IC 410-720279/15	0.2	2.015897	50.0	60767.0	10.079484	Y
4	IC 410-720279/16	0.5	5.440626	50.0	63614.0	10.881253	Y
5	IC 410-720279/17	1.0	11.986479	50.0	65674.0	11.986479	Y
6	IC 410-720279/18	2.0	30.347005	50.0	58126.0	15.173502	Y
7	IC 410-720279/19	5.0	76.784222	50.0	62212.0	15.356844	Y
8	ICIS 410-720279/20	10.0	130.550709	50.0	76229.0	13.055071	Y
9	IC 410-720279/21	25.0	415.003335	50.0	68968.0	16.600133	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

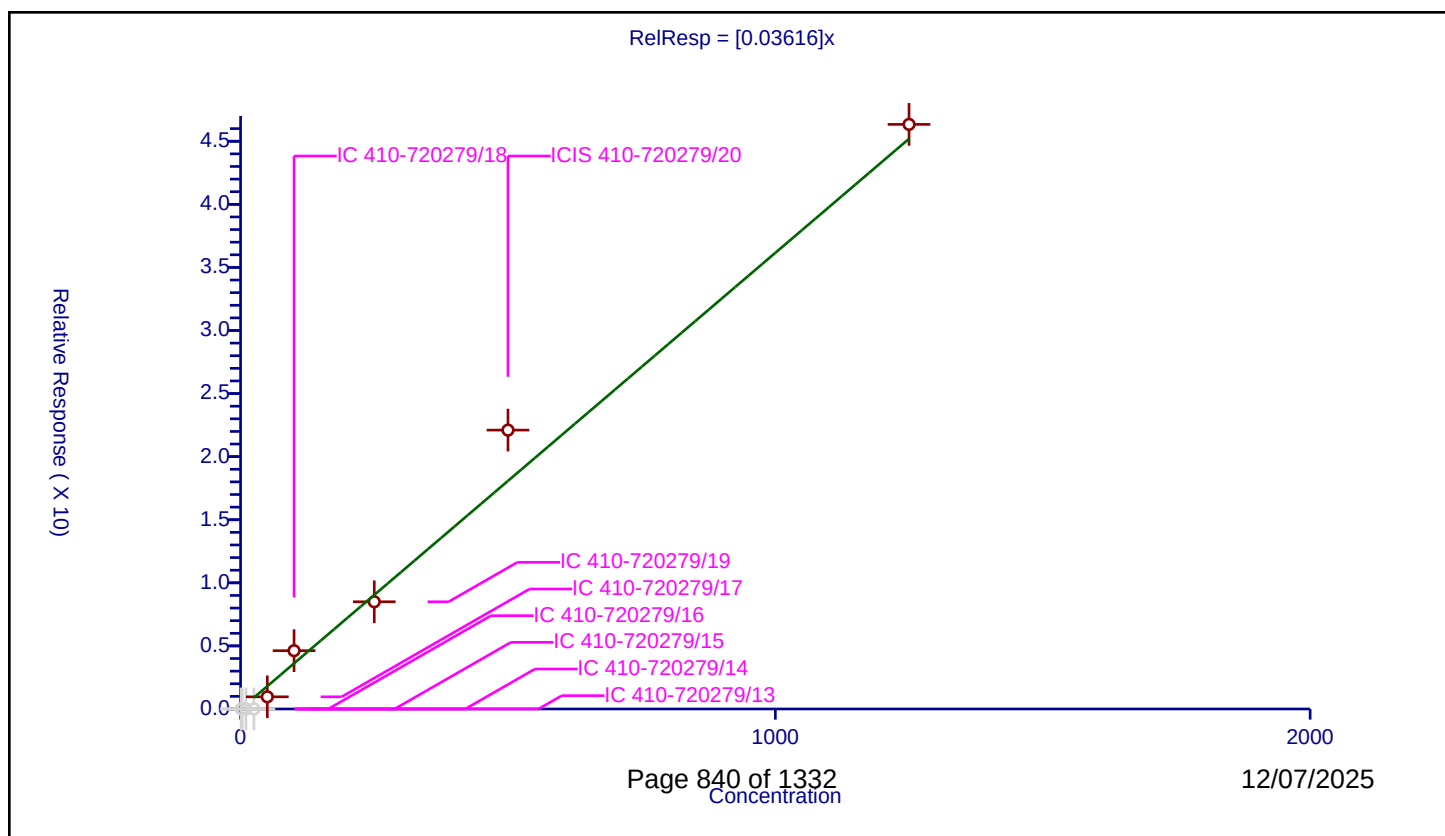
Curve Coefficients

Intercept: 0
Slope: 0.03616

Error Coefficients

Relative Standard Deviation: 29.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	1.0	0.0	50.0	30751.0	0.0	N
2	IC 410-720279/14	3.0	0.0	50.0	68292.0	0.0	N
3	IC 410-720279/15	10.0	0.0	50.0	60767.0	0.0	N
4	IC 410-720279/16	25.0	0.0	50.0	63614.0	0.0	N
5	IC 410-720279/17	50.0	0.964613	50.0	65674.0	0.019292	Y
6	IC 410-720279/18	100.0	4.621856	50.0	58126.0	0.046219	Y
7	IC 410-720279/19	250.0	8.49836	50.0	62212.0	0.033993	Y
8	ICIS 410-720279/20	500.0	22.104448	50.0	76229.0	0.044209	Y
9	IC 410-720279/21	1250.0	46.336707	50.0	68968.0	0.037069	Y



Calibration

/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

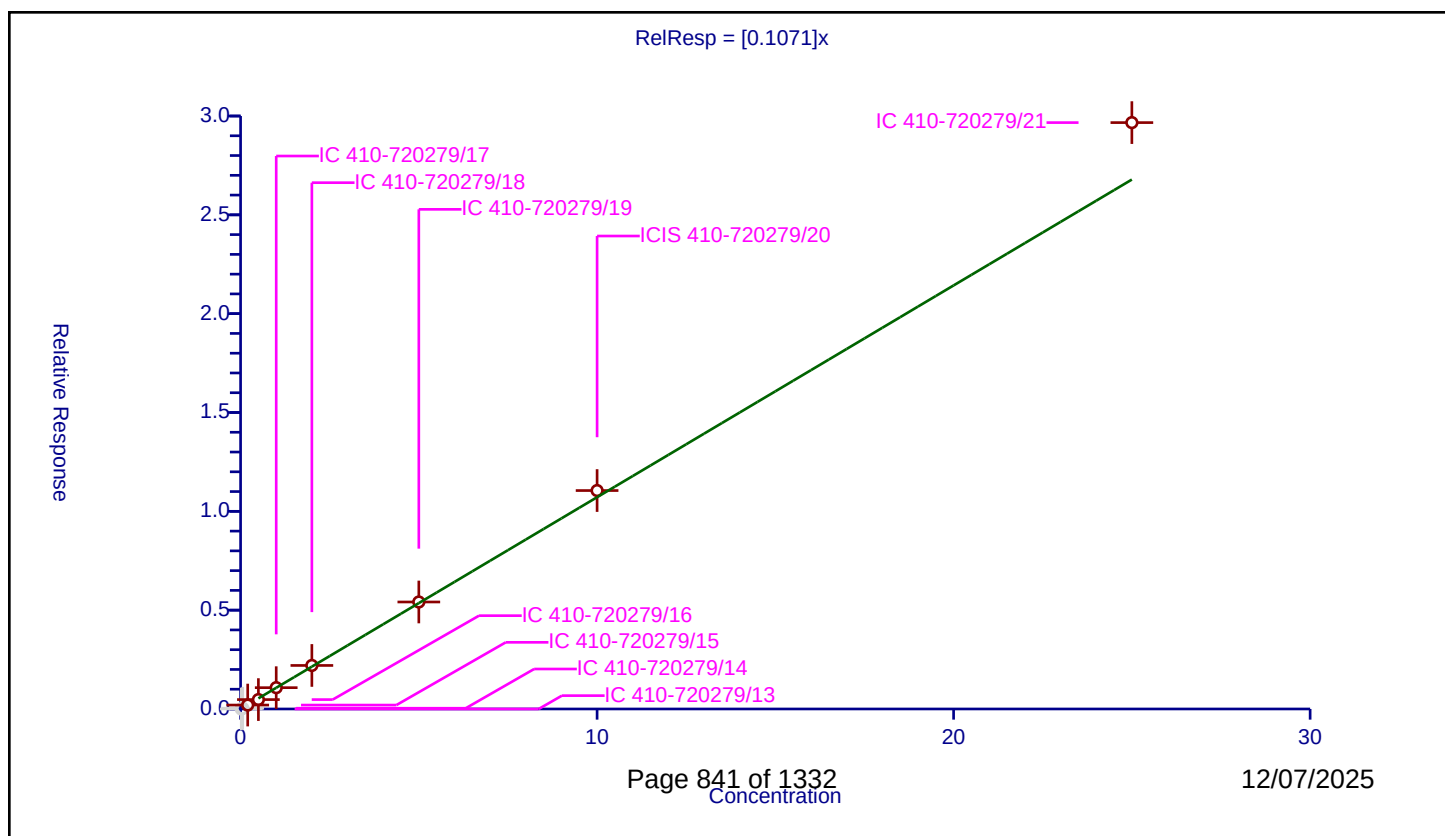
Curve Coefficients

Intercept: 0
Slope: 0.1071

Error Coefficients

Relative Standard Deviation: 7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0	10.0	1915919.0	0.0	N
2	IC 410-720279/14	0.06	0.00389	10.0	1876780.0	0.064827	N
3	IC 410-720279/15	0.2	0.019895	10.0	1910483.0	0.099477	Y
4	IC 410-720279/16	0.5	0.047563	10.0	1894743.0	0.095126	Y
5	IC 410-720279/17	1.0	0.107818	10.0	1906735.0	0.107818	Y
6	IC 410-720279/18	2.0	0.220258	10.0	1942176.0	0.110129	Y
7	IC 410-720279/19	5.0	0.541369	10.0	1995997.0	0.108274	Y
8	ICIS 410-720279/20	10.0	1.105077	10.0	2057767.0	0.110508	Y
9	IC 410-720279/21	25.0	2.966644	10.0	2174373.0	0.118666	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

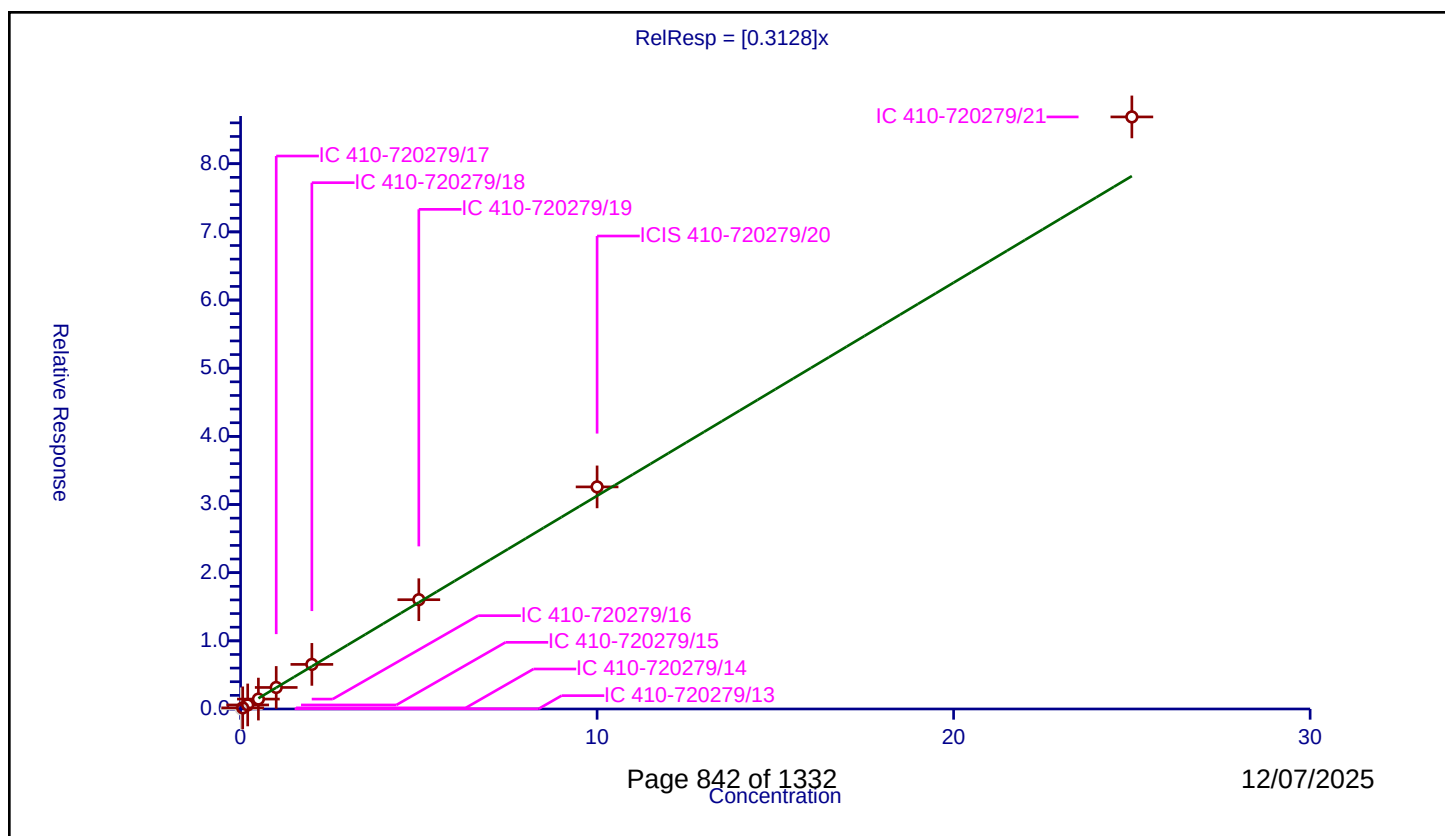
Curve Coefficients

Intercept: 0
Slope: 0.3128

Error Coefficients

Relative Standard Deviation: 7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.002986	10.0	1915919.0	0.149276	N
2	IC 410-720279/14	0.06	0.016678	10.0	1876780.0	0.277958	Y
3	IC 410-720279/15	0.2	0.059325	10.0	1910483.0	0.296627	Y
4	IC 410-720279/16	0.5	0.145218	10.0	1894743.0	0.290435	Y
5	IC 410-720279/17	1.0	0.315749	10.0	1906735.0	0.315749	Y
6	IC 410-720279/18	2.0	0.6544	10.0	1942176.0	0.3272	Y
7	IC 410-720279/19	5.0	1.60368	10.0	1995997.0	0.320736	Y
8	ICIS 410-720279/20	10.0	3.258469	10.0	2057767.0	0.325847	Y
9	IC 410-720279/21	25.0	8.686716	10.0	2174373.0	0.347469	Y



Calibration

/ 2-Nitropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

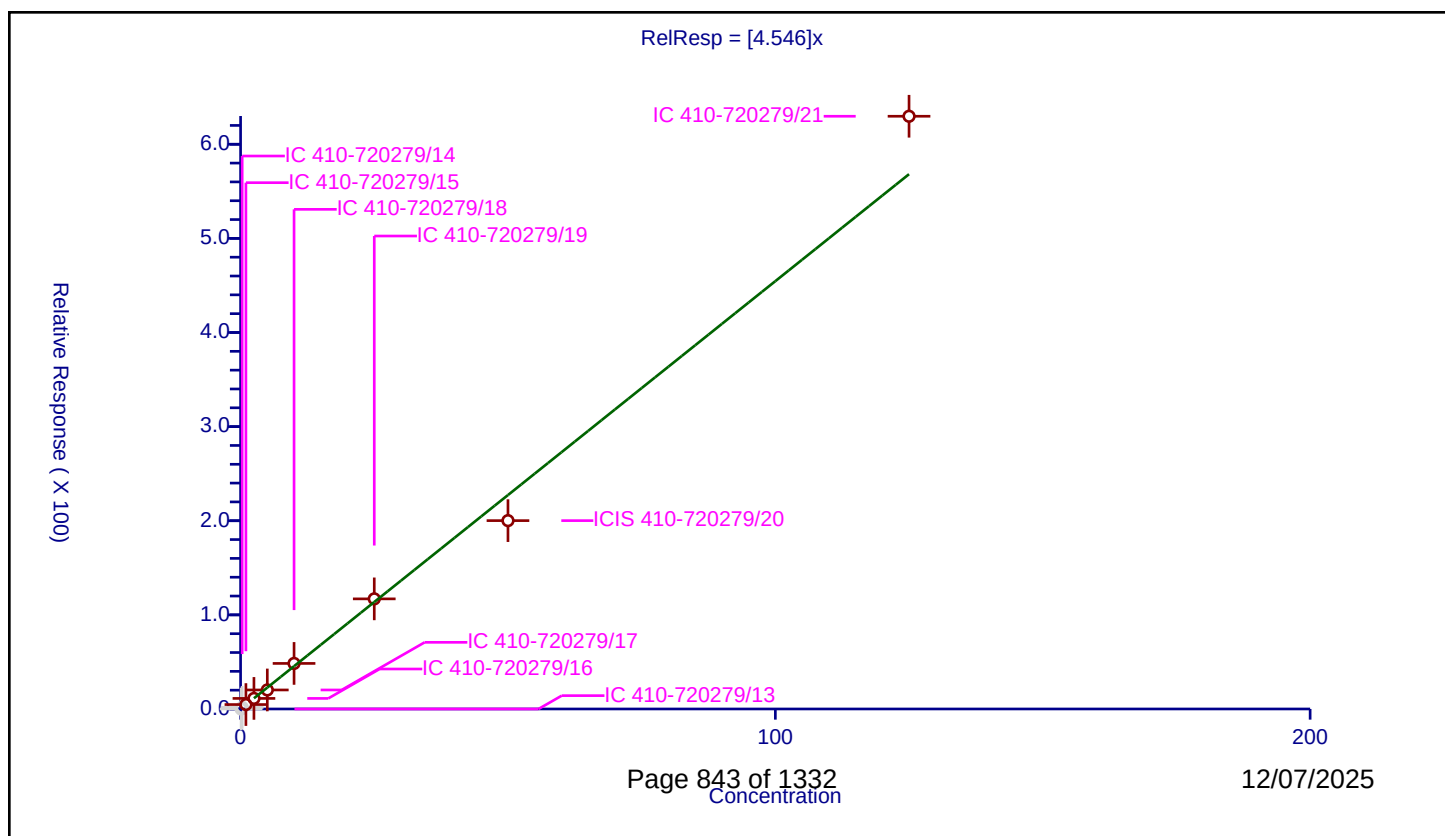
Curve Coefficients

Intercept: 0
Slope: 4.546

Error Coefficients

Relative Standard Deviation: 8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.1	0.0	50.0	30751.0	0.0	N
2	IC 410-720279/14	0.3	1.708839	50.0	68292.0	5.696128	N
3	IC 410-720279/15	1.0	4.722958	50.0	60767.0	4.722958	Y
4	IC 410-720279/16	2.5	11.227874	50.0	63614.0	4.49115	Y
5	IC 410-720279/17	5.0	20.224137	50.0	65674.0	4.044827	Y
6	IC 410-720279/18	10.0	48.402608	50.0	58126.0	4.840261	Y
7	IC 410-720279/19	25.0	117.005562	50.0	62212.0	4.680222	Y
8	ICIS 410-720279/20	50.0	200.123969	50.0	76229.0	4.002479	Y
9	IC 410-720279/21	125.0	629.736979	50.0	68968.0	5.037896	Y



Calibration

/ 1-Bromo-2-chloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

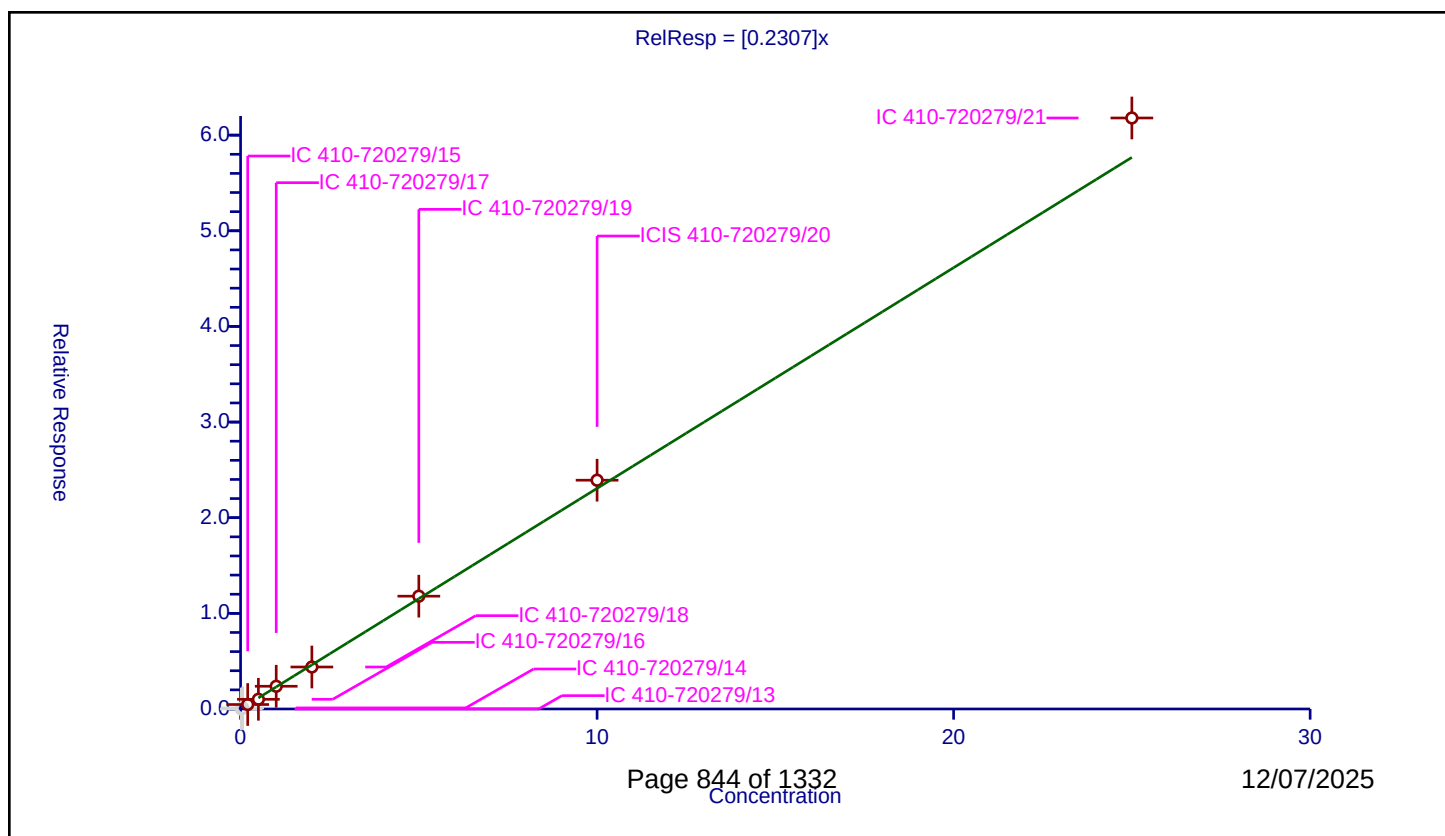
Curve Coefficients

Intercept: 0
Slope: 0.2307

Error Coefficients

Relative Standard Deviation: 6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0	10.0	1915919.0	0.0	N
2	IC 410-720279/14	0.06	0.011312	10.0	1876780.0	0.188532	N
3	IC 410-720279/15	0.2	0.046606	10.0	1910483.0	0.23303	Y
4	IC 410-720279/16	0.5	0.101249	10.0	1894743.0	0.202497	Y
5	IC 410-720279/17	1.0	0.237637	10.0	1906735.0	0.237637	Y
6	IC 410-720279/18	2.0	0.438879	10.0	1942176.0	0.219439	Y
7	IC 410-720279/19	5.0	1.179571	10.0	1995997.0	0.235914	Y
8	ICIS 410-720279/20	10.0	2.392035	10.0	2057767.0	0.239203	Y
9	IC 410-720279/21	25.0	6.179483	10.0	2174373.0	0.247179	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

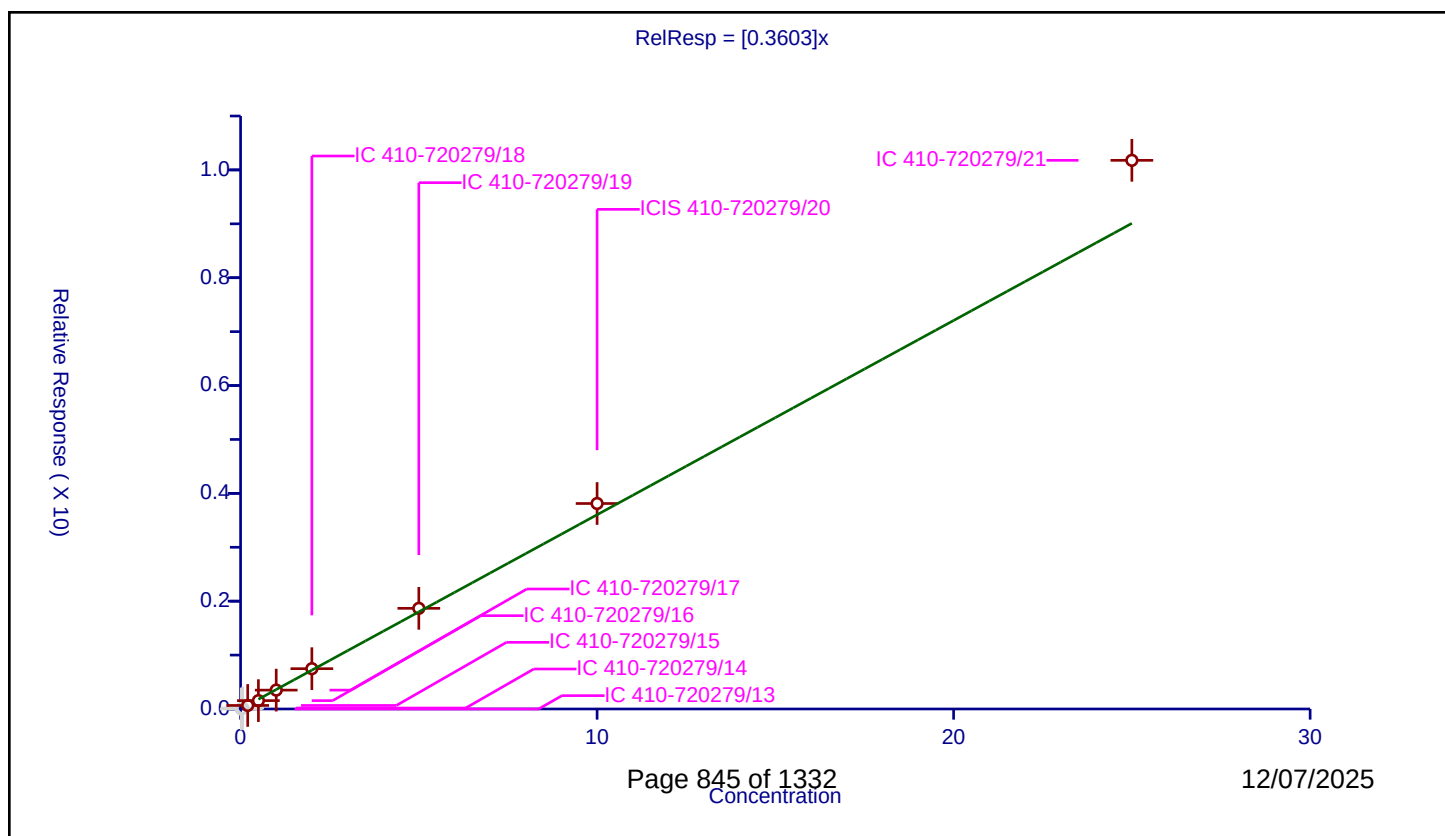
Curve Coefficients

Intercept: 0
Slope: 0.3603

Error Coefficients

Relative Standard Deviation: 9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0	10.0	1915919.0	0.0	N
2	IC 410-720279/14	0.06	0.017903	10.0	1876780.0	0.298383	N
3	IC 410-720279/15	0.2	0.065366	10.0	1910483.0	0.326828	Y
4	IC 410-720279/16	0.5	0.154997	10.0	1894743.0	0.309995	Y
5	IC 410-720279/17	1.0	0.350091	10.0	1906735.0	0.350091	Y
6	IC 410-720279/18	2.0	0.747625	10.0	1942176.0	0.373813	Y
7	IC 410-720279/19	5.0	1.867107	10.0	1995997.0	0.373421	Y
8	ICIS 410-720279/20	10.0	3.811603	10.0	2057767.0	0.38116	Y
9	IC 410-720279/21	25.0	10.177932	10.0	2174373.0	0.407117	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

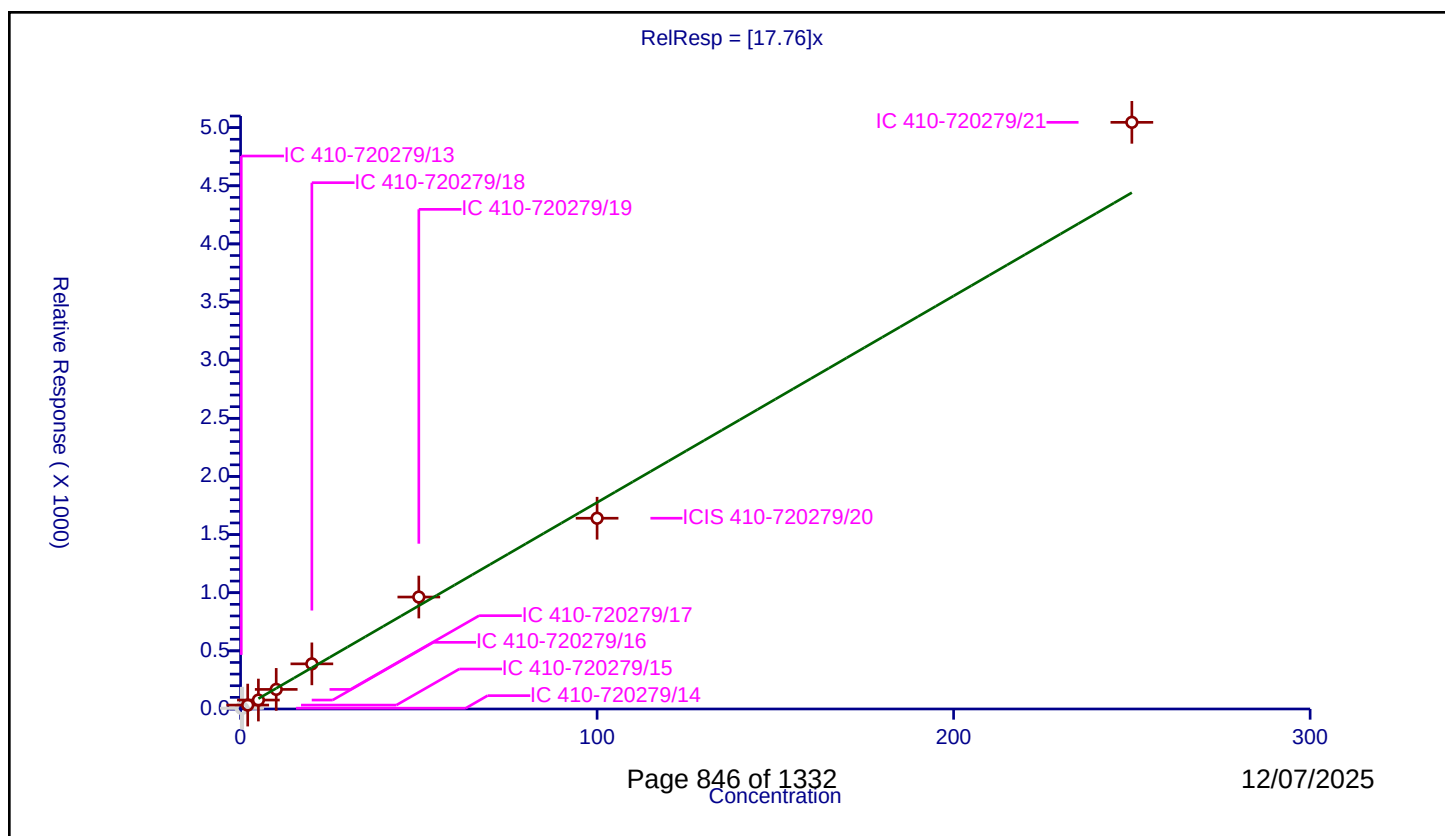
Curve Coefficients

Intercept: 0
Slope: 17.76

Error Coefficients

Relative Standard Deviation: 10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.2	6.494098	50.0	30751.0	32.470489	N
2	IC 410-720279/14	0.6	7.071839	50.0	68292.0	11.786398	N
3	IC 410-720279/15	2.0	33.703326	50.0	60767.0	16.851663	Y
4	IC 410-720279/16	5.0	76.884805	50.0	63614.0	15.376961	Y
5	IC 410-720279/17	10.0	168.541584	50.0	65674.0	16.854158	Y
6	IC 410-720279/18	20.0	388.191171	50.0	58126.0	19.409559	Y
7	IC 410-720279/19	50.0	962.987848	50.0	62212.0	19.259757	Y
8	ICIS 410-720279/20	100.0	1640.566582	50.0	76229.0	16.405666	Y
9	IC 410-720279/21	250.0	5045.723379	50.0	68968.0	20.182894	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

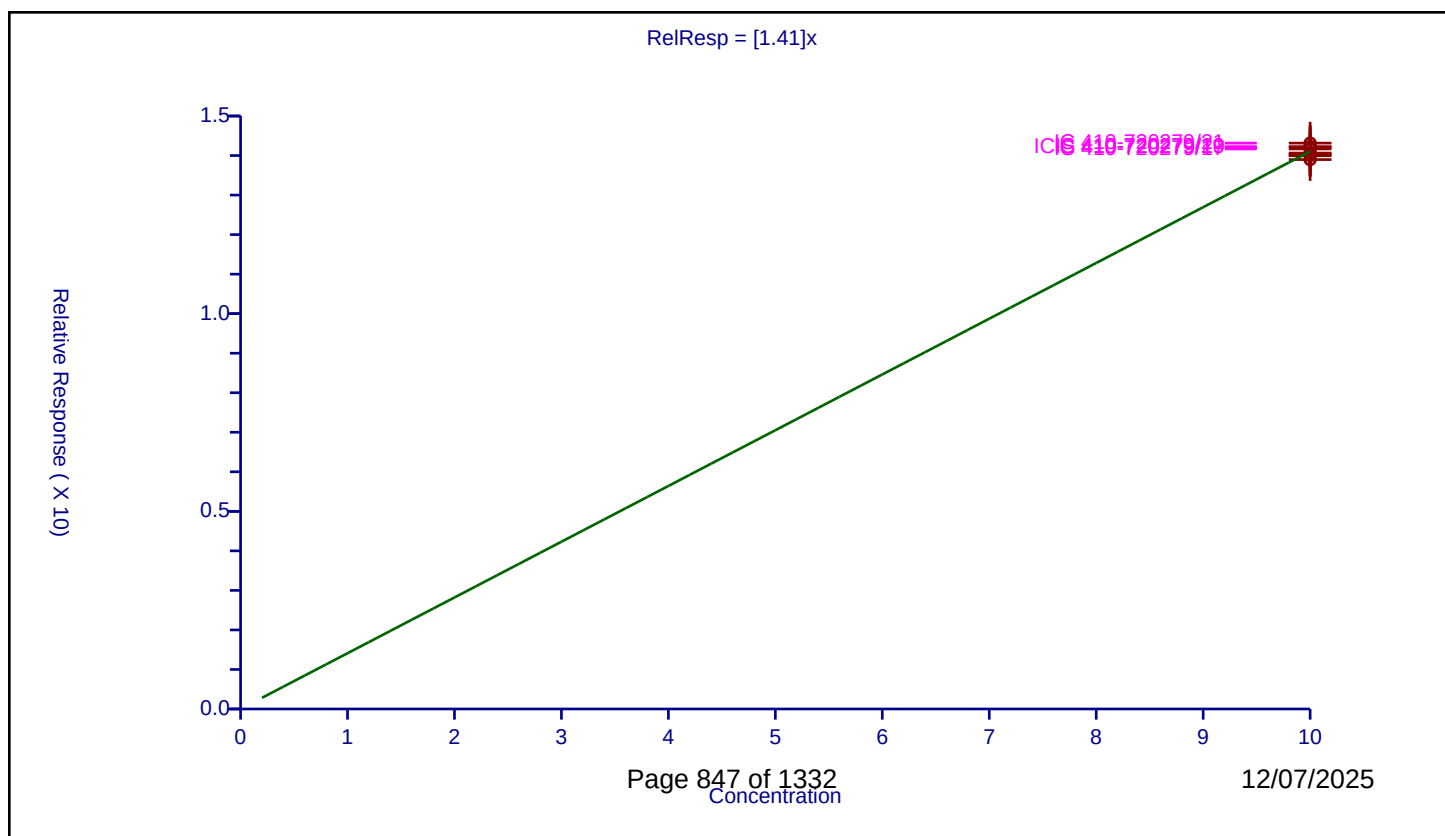
Curve Coefficients

Intercept: 0
Slope: 1.41

Error Coefficients

Relative Standard Deviation: 0.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	10.0	13.897616	10.0	1379869.0	1.389762	Y
2	IC 410-720279/14	10.0	14.033018	10.0	1341633.0	1.403302	Y
3	IC 410-720279/15	10.0	13.996471	10.0	1373184.0	1.399647	Y
4	IC 410-720279/16	10.0	14.063268	10.0	1352665.0	1.406327	Y
5	IC 410-720279/17	10.0	14.167233	10.0	1355758.0	1.416723	Y
6	IC 410-720279/18	10.0	14.019076	10.0	1388518.0	1.401908	Y
7	IC 410-720279/19	10.0	14.222473	10.0	1421082.0	1.422247	Y
8	ICIS 410-720279/20	10.0	14.216562	10.0	1445514.0	1.421656	Y
9	IC 410-720279/21	10.0	14.314577	10.0	1515824.0	1.431458	Y



Calibration

/ Toluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

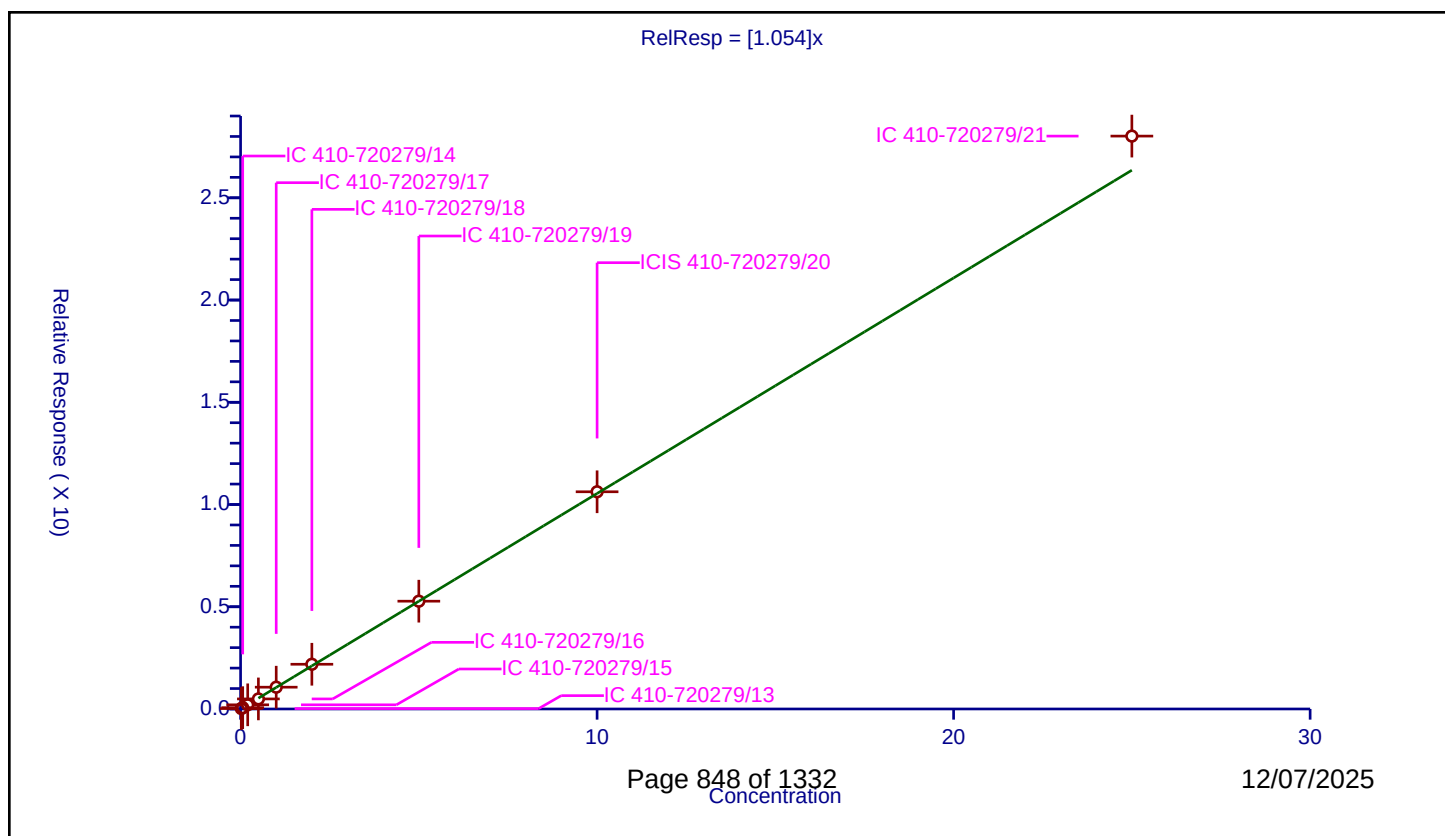
Curve Coefficients

Intercept: 0
Slope: 1.054

Error Coefficients

Relative Standard Deviation: 4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.02014	10.0	1379869.0	1.00698	Y
2	IC 410-720279/14	0.06	0.064511	10.0	1341633.0	1.075182	Y
3	IC 410-720279/15	0.2	0.204321	10.0	1373184.0	1.021604	Y
4	IC 410-720279/16	0.5	0.492428	10.0	1352665.0	0.984856	Y
5	IC 410-720279/17	1.0	1.065802	10.0	1355758.0	1.065802	Y
6	IC 410-720279/18	2.0	2.187671	10.0	1388518.0	1.093835	Y
7	IC 410-720279/19	5.0	5.272377	10.0	1421082.0	1.054475	Y
8	ICIS 410-720279/20	10.0	10.623197	10.0	1445514.0	1.06232	Y
9	IC 410-720279/21	25.0	28.017633	10.0	1515824.0	1.120705	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

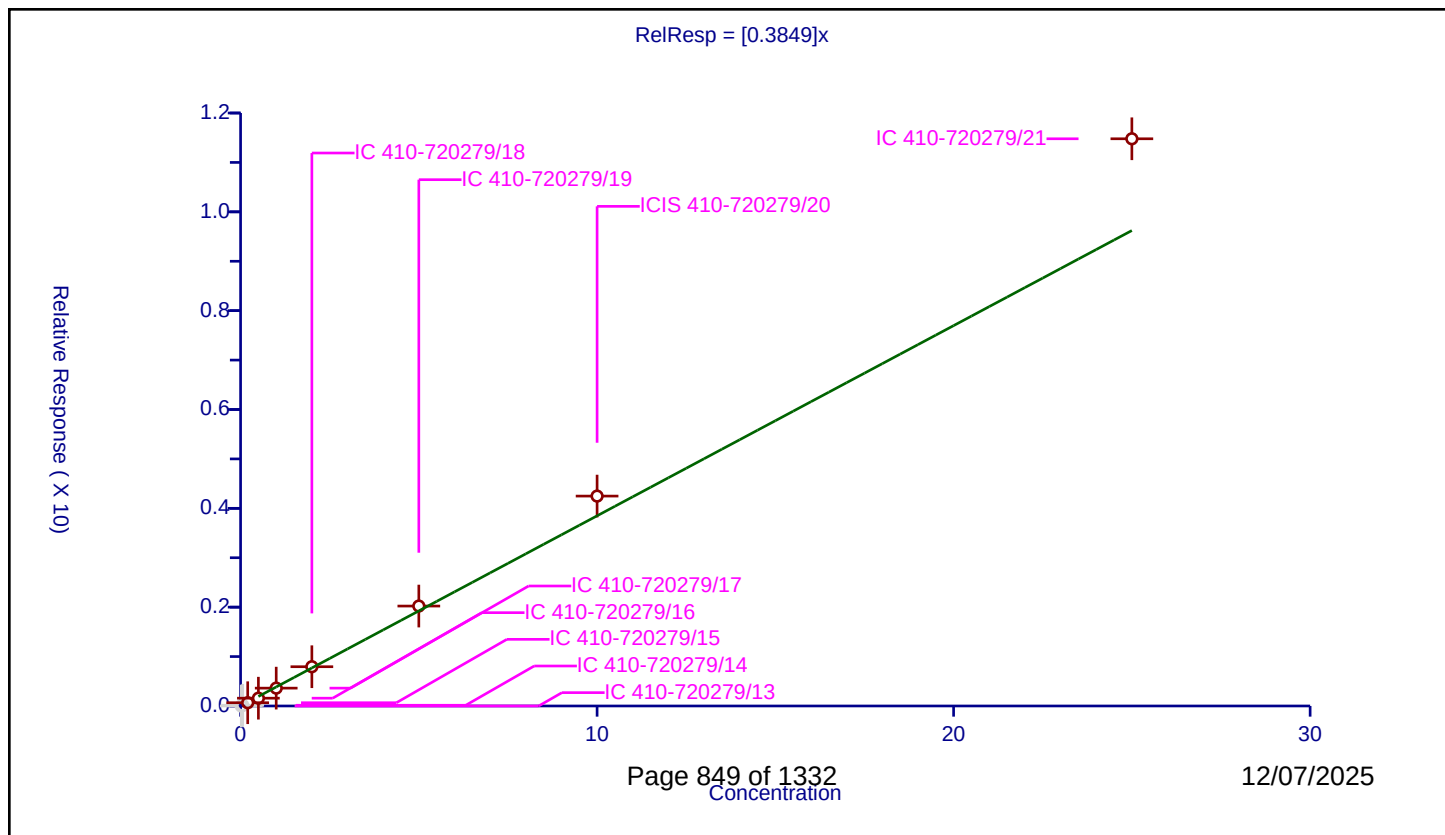
Curve Coefficients

Intercept: 0
Slope: 0.3849

Error Coefficients

Relative Standard Deviation: 13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0	10.0	1379869.0	0.0	N
2	IC 410-720279/14	0.06	0.014848	10.0	1341633.0	0.24746	N
3	IC 410-720279/15	0.2	0.066328	10.0	1373184.0	0.331638	Y
4	IC 410-720279/16	0.5	0.157615	10.0	1352665.0	0.31523	Y
5	IC 410-720279/17	1.0	0.361466	10.0	1355758.0	0.361466	Y
6	IC 410-720279/18	2.0	0.794725	10.0	1388518.0	0.397363	Y
7	IC 410-720279/19	5.0	2.022614	10.0	1421082.0	0.404523	Y
8	ICIS 410-720279/20	10.0	4.247825	10.0	1445514.0	0.424782	Y
9	IC 410-720279/21	25.0	11.478628	10.0	1515824.0	0.459145	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

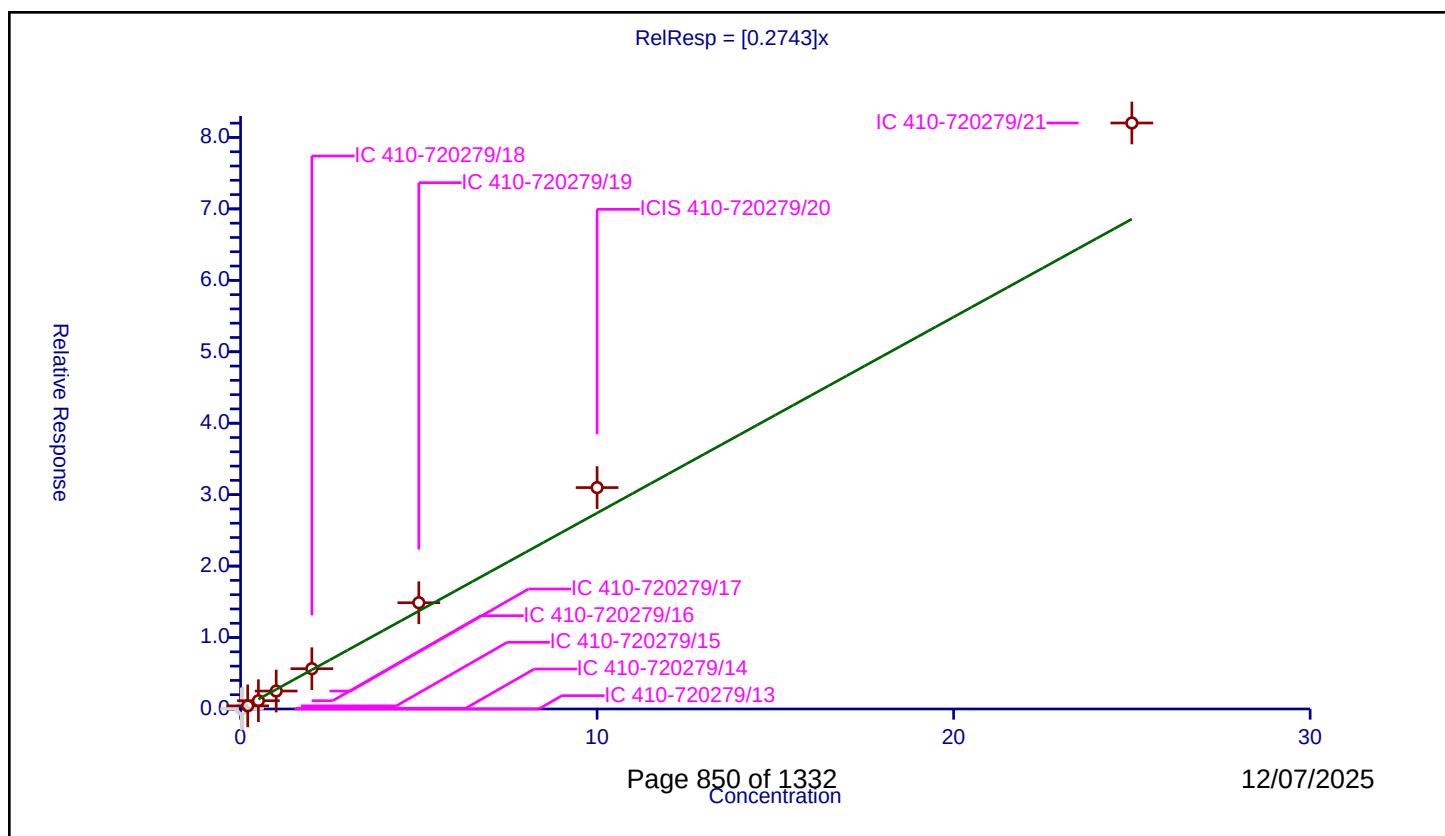
Curve Coefficients

Intercept: 0
Slope: 0.2743

Error Coefficients

Relative Standard Deviation: 14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0	10.0	1379869.0	0.0	N
2	IC 410-720279/14	0.06	0.009749	10.0	1341633.0	0.162489	N
3	IC 410-720279/15	0.2	0.043913	10.0	1373184.0	0.219563	Y
4	IC 410-720279/16	0.5	0.115912	10.0	1352665.0	0.231824	Y
5	IC 410-720279/17	1.0	0.251358	10.0	1355758.0	0.251358	Y
6	IC 410-720279/18	2.0	0.563774	10.0	1388518.0	0.281887	Y
7	IC 410-720279/19	5.0	1.487437	10.0	1421082.0	0.297487	Y
8	ICIS 410-720279/20	10.0	3.099057	10.0	1445514.0	0.309906	Y
9	IC 410-720279/21	25.0	8.202159	10.0	1515824.0	0.328086	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

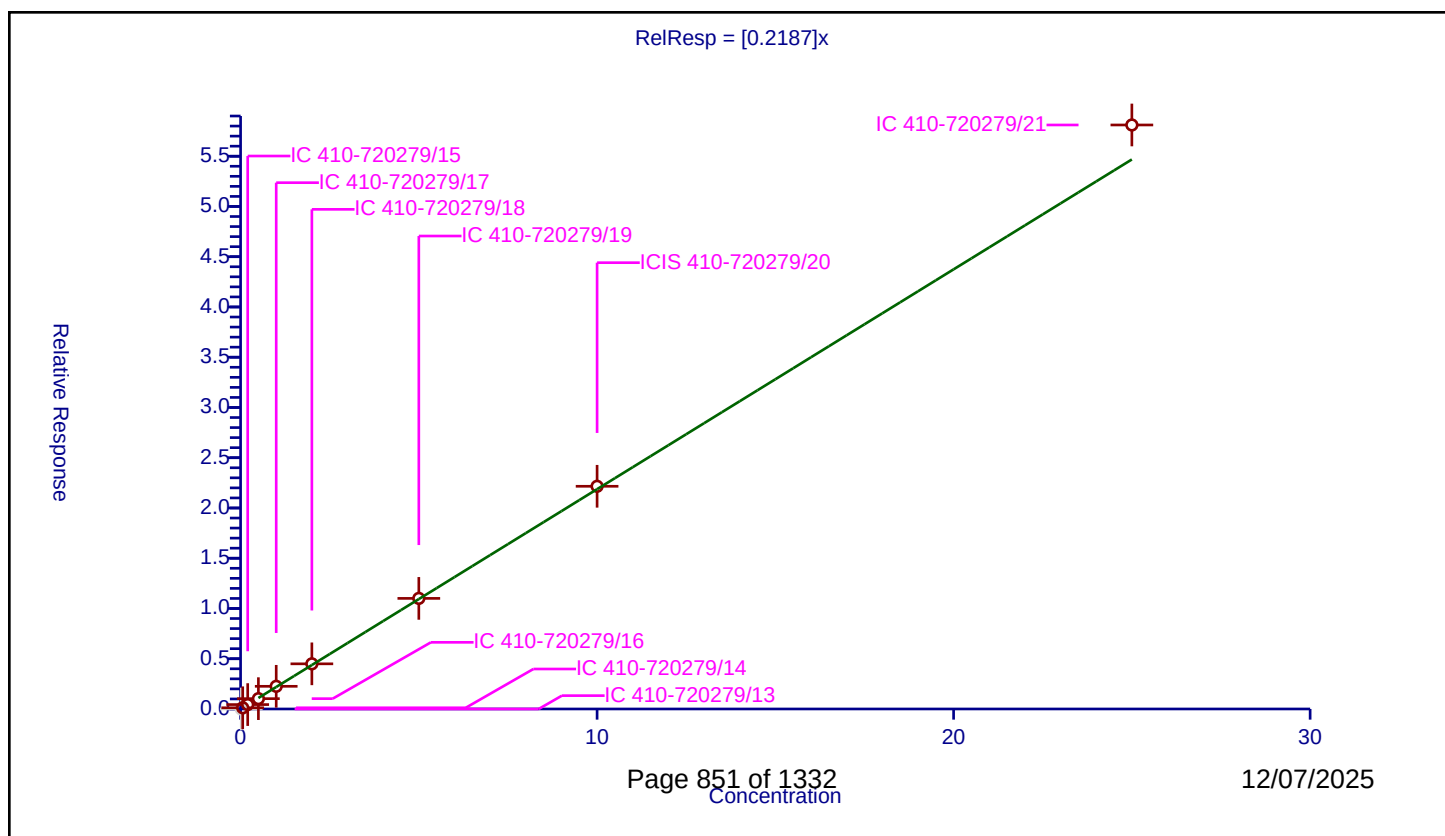
Curve Coefficients

Intercept: 0
Slope: 0.2187

Error Coefficients

Relative Standard Deviation: 4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0	10.0	1379869.0	0.0	N
2	IC 410-720279/14	0.06	0.011993	10.0	1341633.0	0.199881	Y
3	IC 410-720279/15	0.2	0.043913	10.0	1373184.0	0.219563	Y
4	IC 410-720279/16	0.5	0.102893	10.0	1352665.0	0.205786	Y
5	IC 410-720279/17	1.0	0.225638	10.0	1355758.0	0.225638	Y
6	IC 410-720279/18	2.0	0.44945	10.0	1388518.0	0.224725	Y
7	IC 410-720279/19	5.0	1.100584	10.0	1421082.0	0.220117	Y
8	ICIS 410-720279/20	10.0	2.215814	10.0	1445514.0	0.221581	Y
9	IC 410-720279/21	25.0	5.810767	10.0	1515824.0	0.232431	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

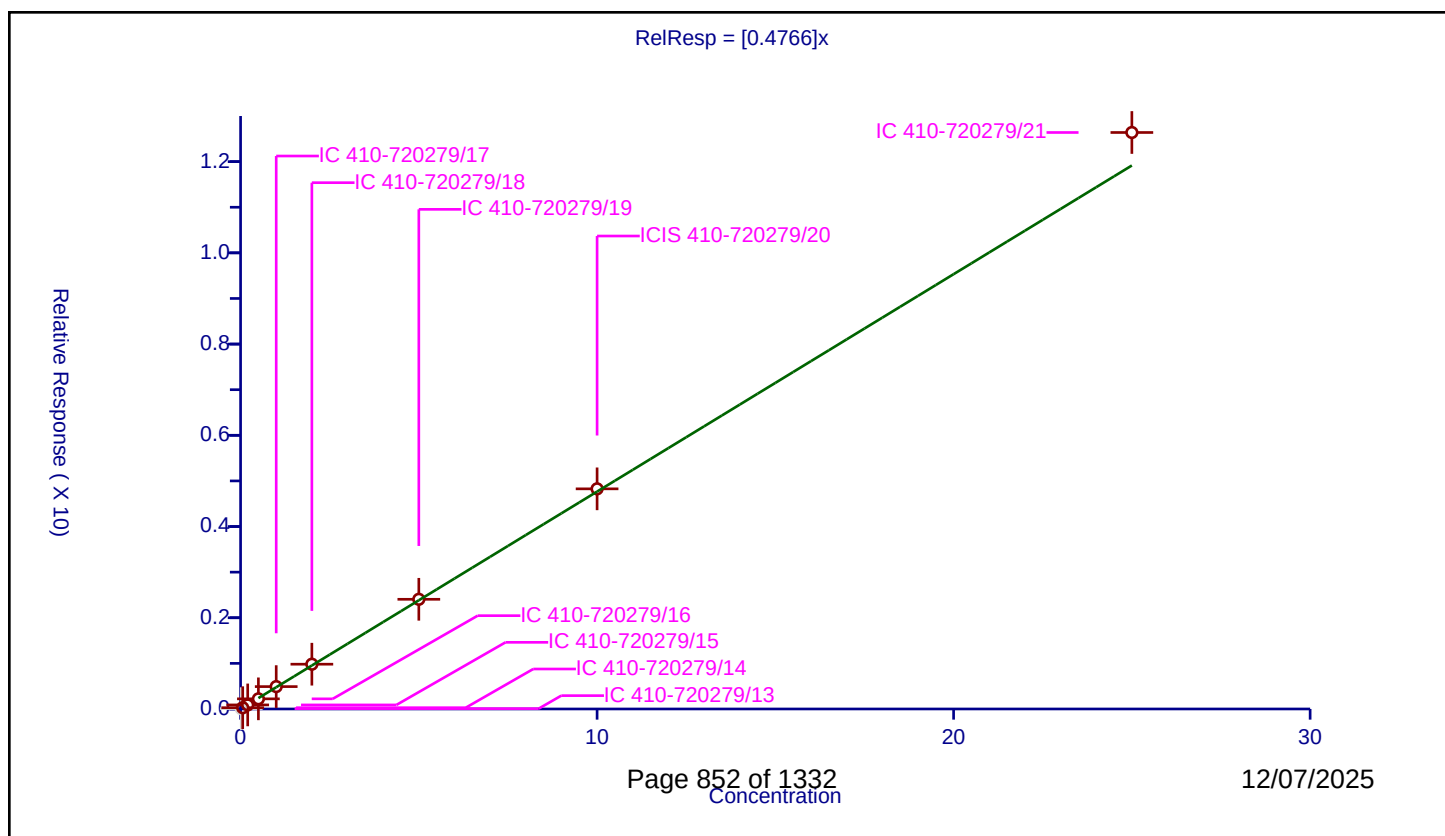
Curve Coefficients

Intercept: 0
Slope: 0.4766

Error Coefficients

Relative Standard Deviation: 4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.008146	10.0	1379869.0	0.407285	N
2	IC 410-720279/14	0.06	0.028279	10.0	1341633.0	0.471316	Y
3	IC 410-720279/15	0.2	0.089027	10.0	1373184.0	0.445133	Y
4	IC 410-720279/16	0.5	0.222694	10.0	1352665.0	0.445387	Y
5	IC 410-720279/17	1.0	0.490973	10.0	1355758.0	0.490973	Y
6	IC 410-720279/18	2.0	0.981953	10.0	1388518.0	0.490977	Y
7	IC 410-720279/19	5.0	2.404935	10.0	1421082.0	0.480987	Y
8	ICIS 410-720279/20	10.0	4.826491	10.0	1445514.0	0.482649	Y
9	IC 410-720279/21	25.0	12.638453	10.0	1515824.0	0.505538	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

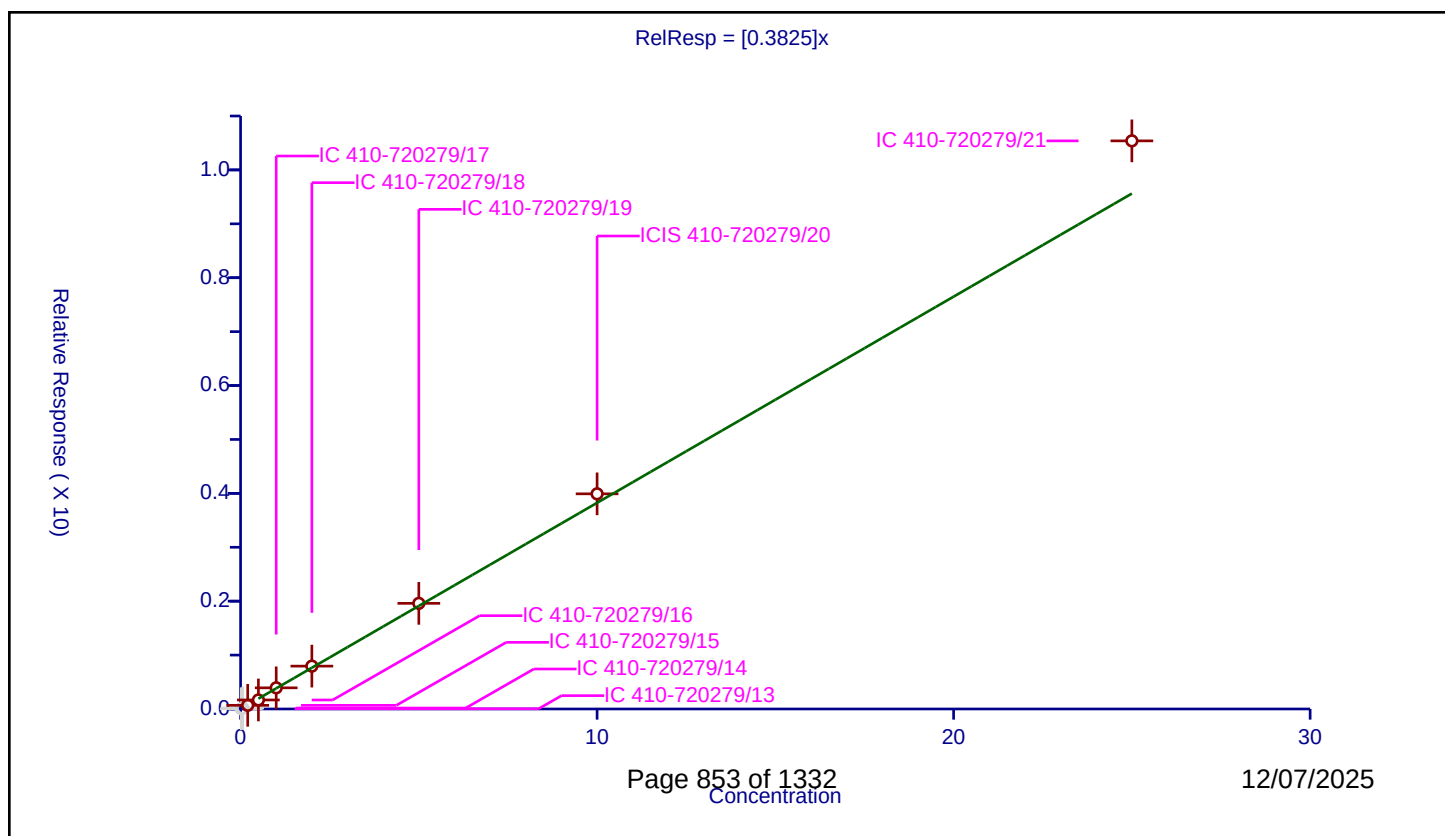
Curve Coefficients

Intercept: 0
Slope: 0.3825

Error Coefficients

Relative Standard Deviation: 8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.004471	10.0	1379869.0	0.223572	N
2	IC 410-720279/14	0.06	0.017695	10.0	1341633.0	0.294914	N
3	IC 410-720279/15	0.2	0.067813	10.0	1373184.0	0.339066	Y
4	IC 410-720279/16	0.5	0.167558	10.0	1352665.0	0.335116	Y
5	IC 410-720279/17	1.0	0.392673	10.0	1355758.0	0.392673	Y
6	IC 410-720279/18	2.0	0.795395	10.0	1388518.0	0.397697	Y
7	IC 410-720279/19	5.0	1.959746	10.0	1421082.0	0.391949	Y
8	ICIS 410-720279/20	10.0	3.991245	10.0	1445514.0	0.399124	Y
9	IC 410-720279/21	25.0	10.539159	10.0	1515824.0	0.421566	Y



Calibration

/ 2-Hexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

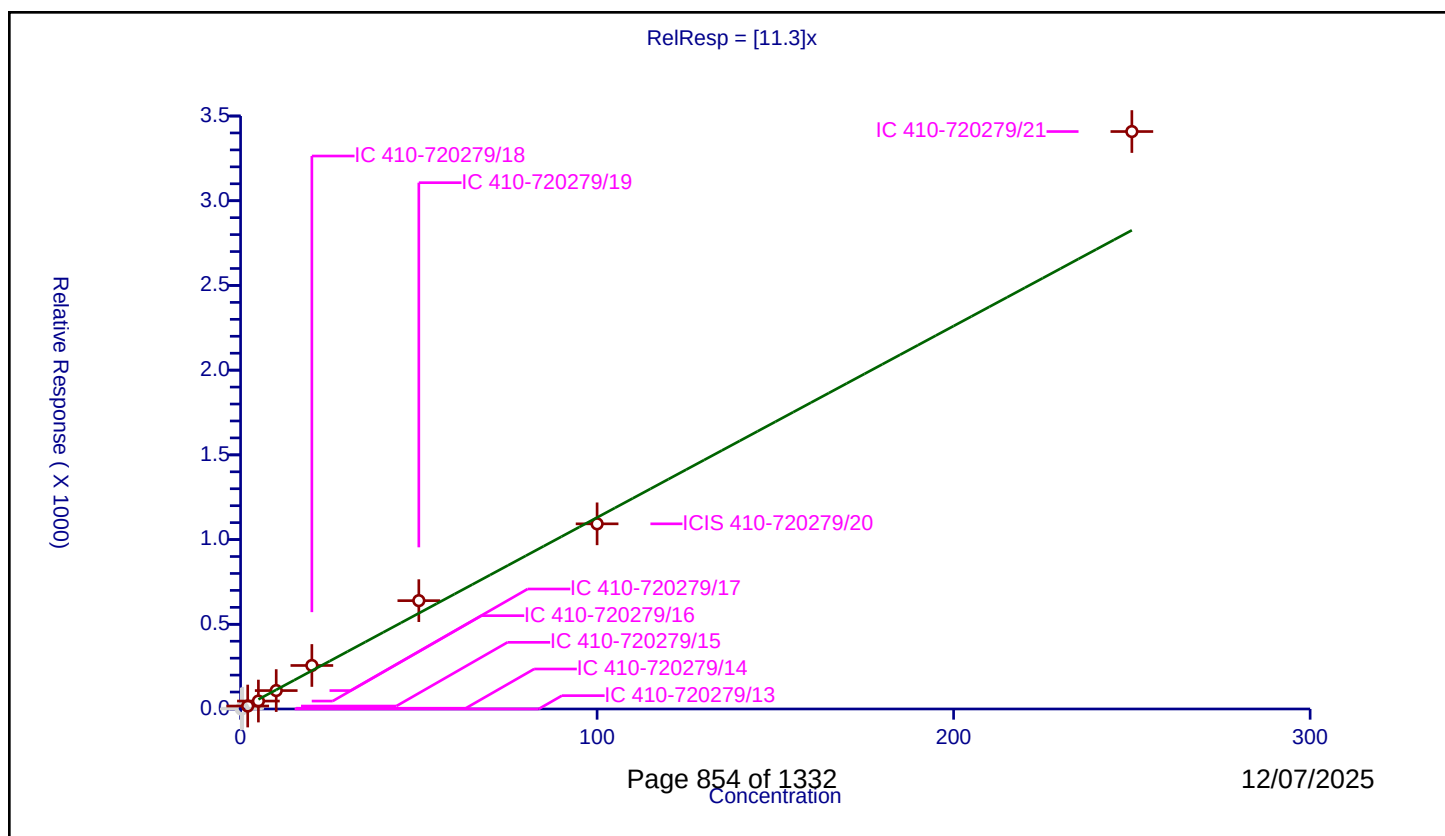
Curve Coefficients

Intercept: 0
Slope: 11.3

Error Coefficients

Relative Standard Deviation: 16.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.2	0.0	50.0	30751.0	0.0	N
2	IC 410-720279/14	0.6	4.499063	50.0	68292.0	7.498438	N
3	IC 410-720279/15	2.0	17.375385	50.0	60767.0	8.687692	Y
4	IC 410-720279/16	5.0	46.871758	50.0	63614.0	9.374352	Y
5	IC 410-720279/17	10.0	108.64878	50.0	65674.0	10.864878	Y
6	IC 410-720279/18	20.0	256.795582	50.0	58126.0	12.839779	Y
7	IC 410-720279/19	50.0	639.454607	50.0	62212.0	12.789092	Y
8	ICIS 410-720279/20	100.0	1092.880662	50.0	76229.0	10.928807	Y
9	IC 410-720279/21	250.0	3408.395923	50.0	68968.0	13.633584	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

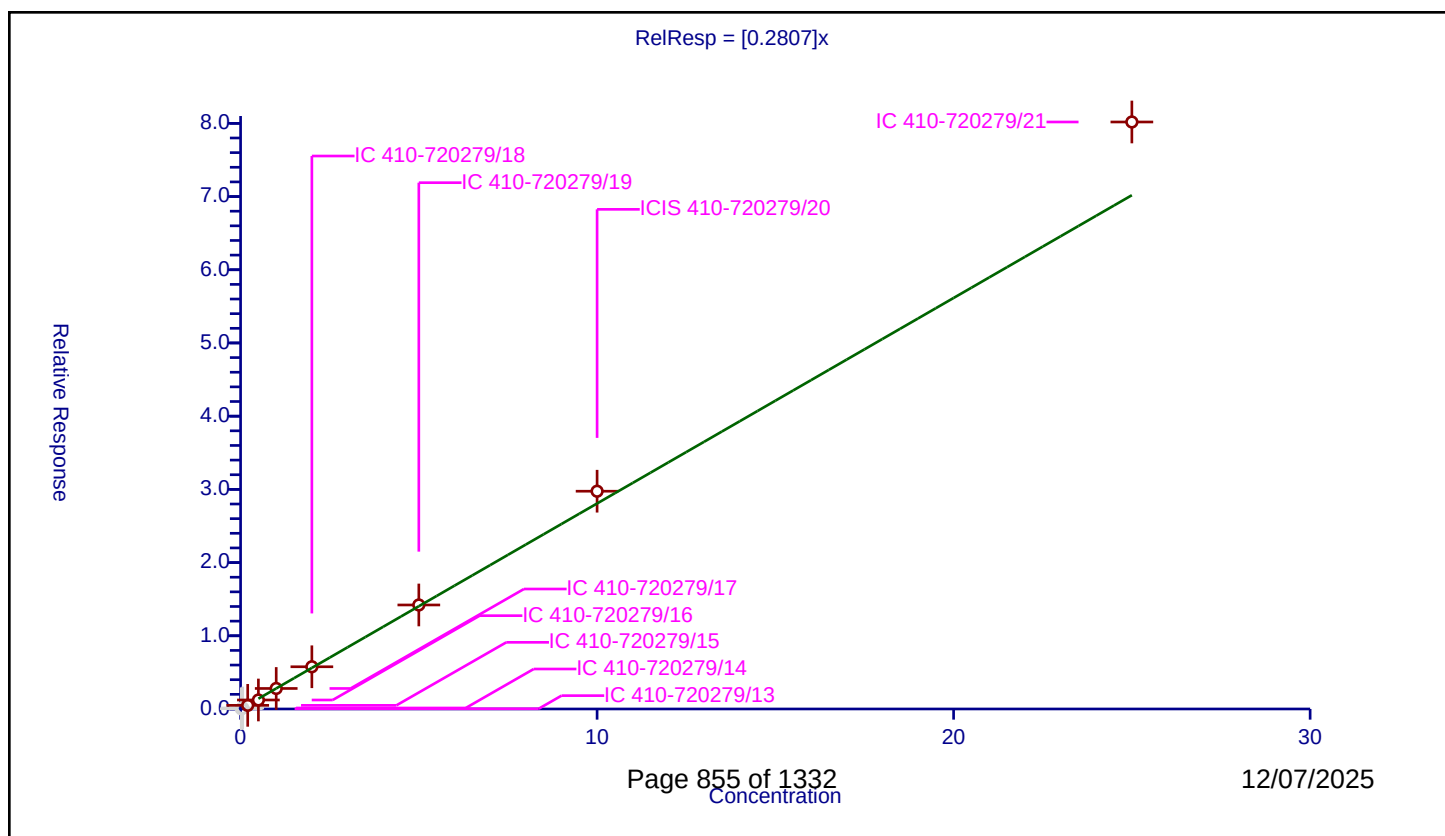
Curve Coefficients

Intercept: 0
Slope: 0.2807

Error Coefficients

Relative Standard Deviation: 9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.003276	10.0	1379869.0	0.163784	N
2	IC 410-720279/14	0.06	0.013812	10.0	1341633.0	0.230192	N
3	IC 410-720279/15	0.2	0.049549	10.0	1373184.0	0.247745	Y
4	IC 410-720279/16	0.5	0.123083	10.0	1352665.0	0.246166	Y
5	IC 410-720279/17	1.0	0.280411	10.0	1355758.0	0.280411	Y
6	IC 410-720279/18	2.0	0.576744	10.0	1388518.0	0.288372	Y
7	IC 410-720279/19	5.0	1.420981	10.0	1421082.0	0.284196	Y
8	ICIS 410-720279/20	10.0	2.974914	10.0	1445514.0	0.297491	Y
9	IC 410-720279/21	25.0	8.01849	10.0	1515824.0	0.32074	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

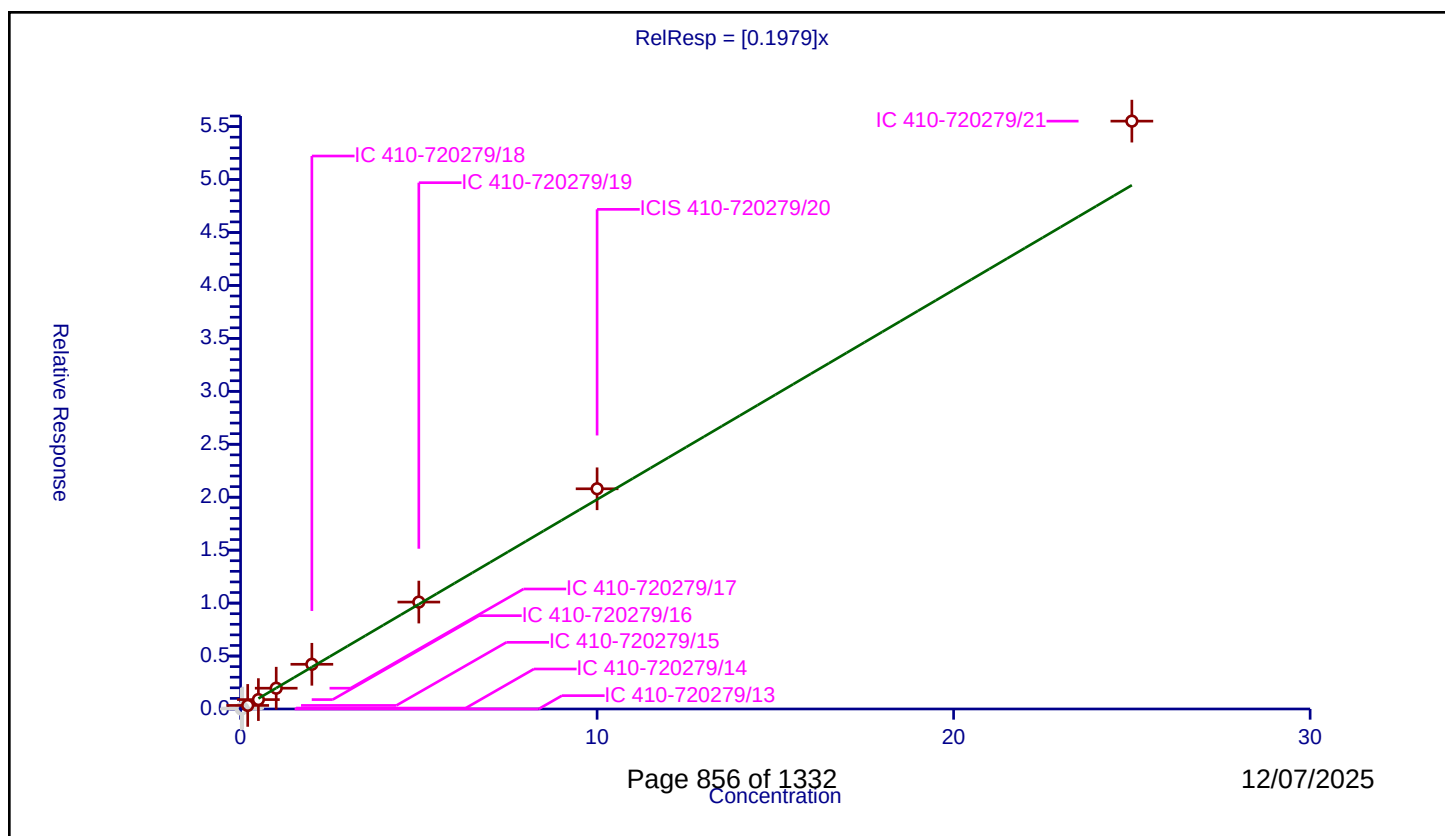
Curve Coefficients

Intercept: 0
Slope: 0.1979

Error Coefficients

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0	10.0	1379869.0	0.0	N
2	IC 410-720279/14	0.06	0.008572	10.0	1341633.0	0.142861	N
3	IC 410-720279/15	0.2	0.033608	10.0	1373184.0	0.16804	Y
4	IC 410-720279/16	0.5	0.088862	10.0	1352665.0	0.177723	Y
5	IC 410-720279/17	1.0	0.196193	10.0	1355758.0	0.196193	Y
6	IC 410-720279/18	2.0	0.422314	10.0	1388518.0	0.211157	Y
7	IC 410-720279/19	5.0	1.009625	10.0	1421082.0	0.201925	Y
8	ICIS 410-720279/20	10.0	2.079558	10.0	1445514.0	0.207956	Y
9	IC 410-720279/21	25.0	5.551707	10.0	1515824.0	0.222068	Y



Calibration

/ 1-Chlorohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

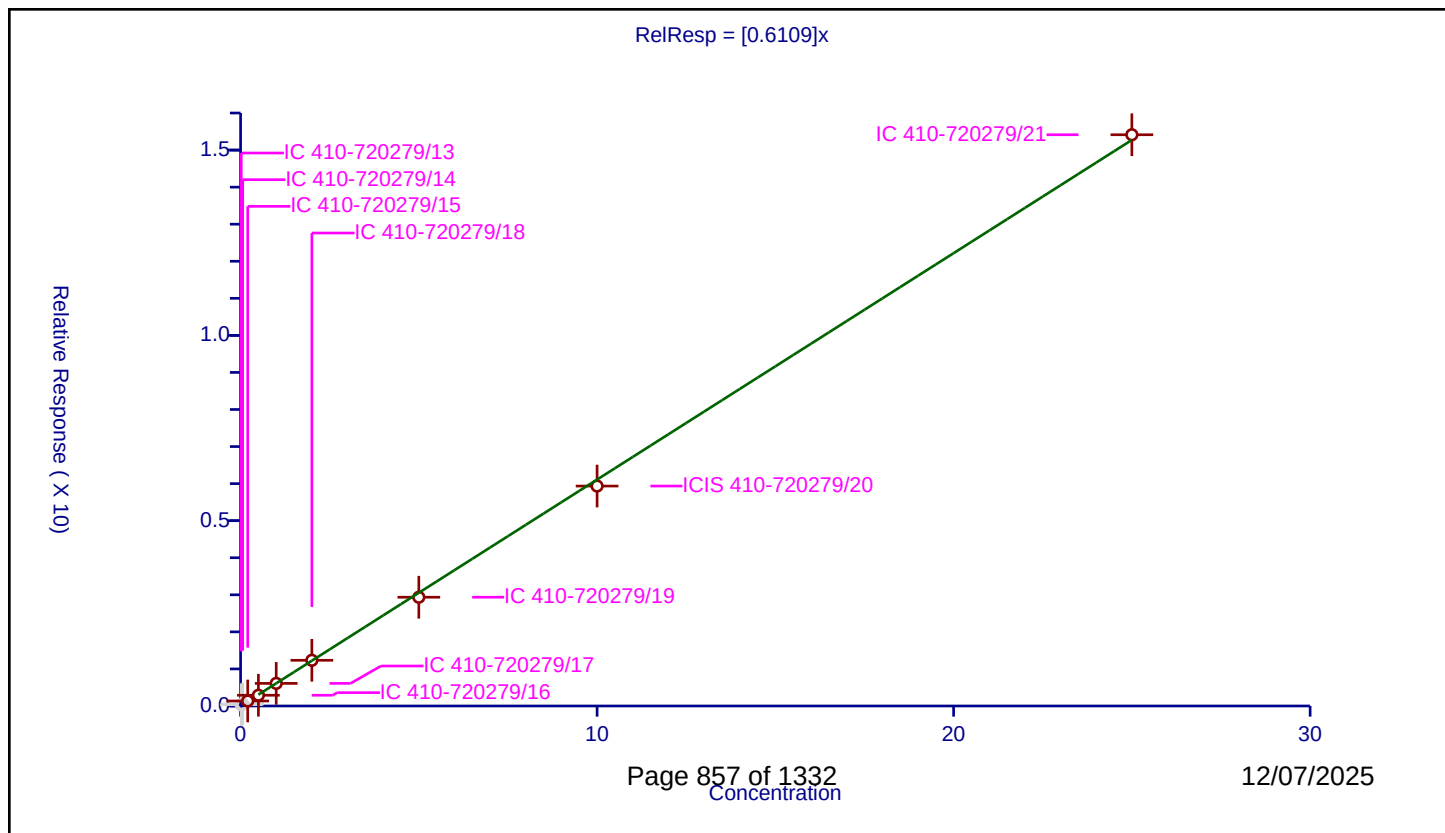
Curve Coefficients

Intercept: 0
Slope: 0.6109

Error Coefficients

Relative Standard Deviation: 5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.034358	10.0	1379869.0	1.717917	N
2	IC 410-720279/14	0.06	0.054791	10.0	1341633.0	0.913191	N
3	IC 410-720279/15	0.2	0.134898	10.0	1373184.0	0.674491	Y
4	IC 410-720279/16	0.5	0.289406	10.0	1352665.0	0.578813	Y
5	IC 410-720279/17	1.0	0.609873	10.0	1355758.0	0.609873	Y
6	IC 410-720279/18	2.0	1.232681	10.0	1388518.0	0.616341	Y
7	IC 410-720279/19	5.0	2.934468	10.0	1421082.0	0.586894	Y
8	ICIS 410-720279/20	10.0	5.934526	10.0	1445514.0	0.593453	Y
9	IC 410-720279/21	25.0	15.413478	10.0	1515824.0	0.616539	Y



Calibration

/ Chlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

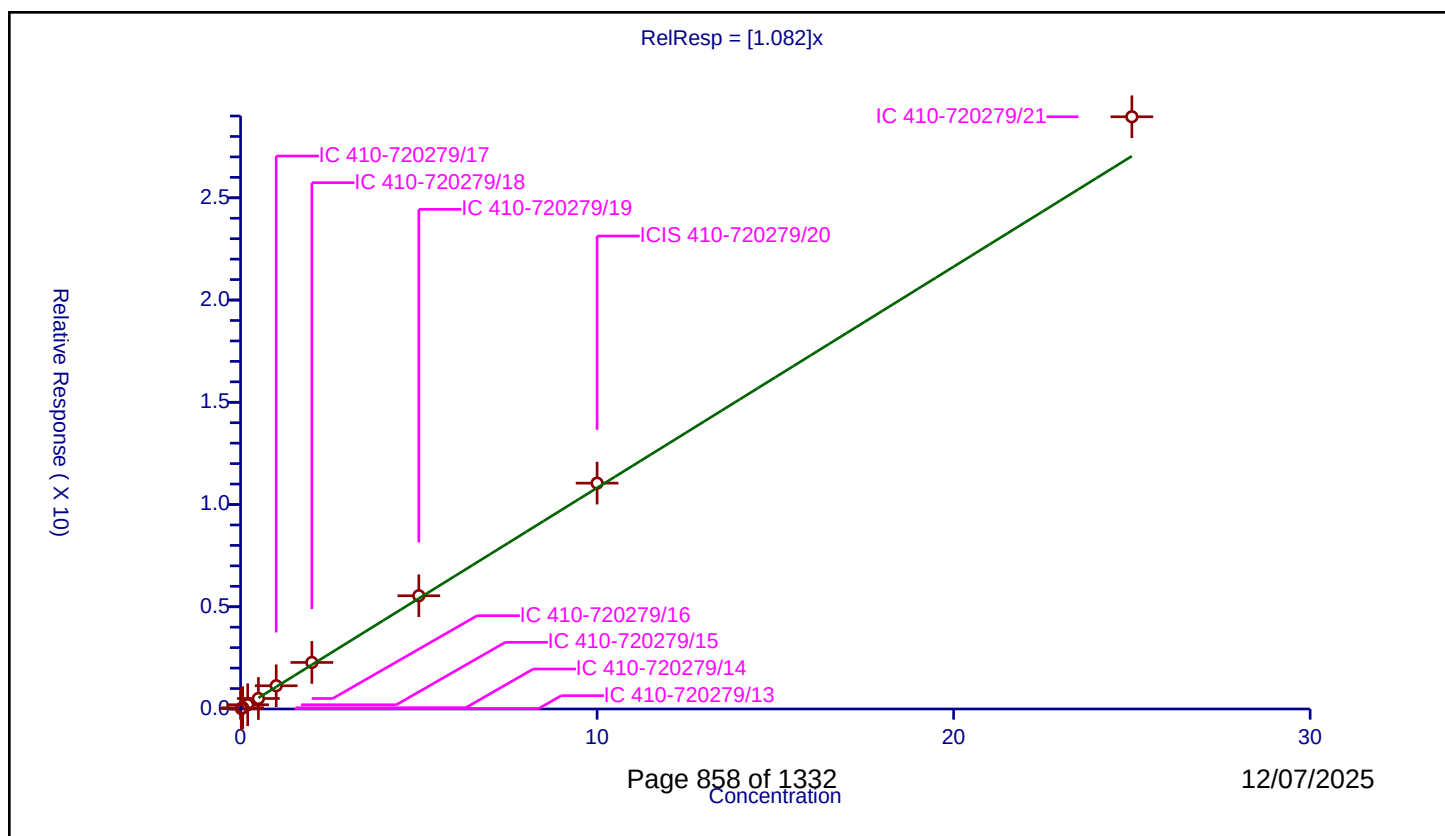
Curve Coefficients

Intercept: 0
Slope: 1.082

Error Coefficients

Relative Standard Deviation: 5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.019741	10.0	1379869.0	0.98705	Y
2	IC 410-720279/14	0.06	0.062148	10.0	1341633.0	1.035802	Y
3	IC 410-720279/15	0.2	0.208144	10.0	1373184.0	1.04072	Y
4	IC 410-720279/16	0.5	0.513246	10.0	1352665.0	1.026492	Y
5	IC 410-720279/17	1.0	1.134753	10.0	1355758.0	1.134753	Y
6	IC 410-720279/18	2.0	2.275822	10.0	1388518.0	1.137911	Y
7	IC 410-720279/19	5.0	5.538702	10.0	1421082.0	1.10774	Y
8	ICIS 410-720279/20	10.0	11.045704	10.0	1445514.0	1.10457	Y
9	IC 410-720279/21	25.0	28.963132	10.0	1515824.0	1.158525	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

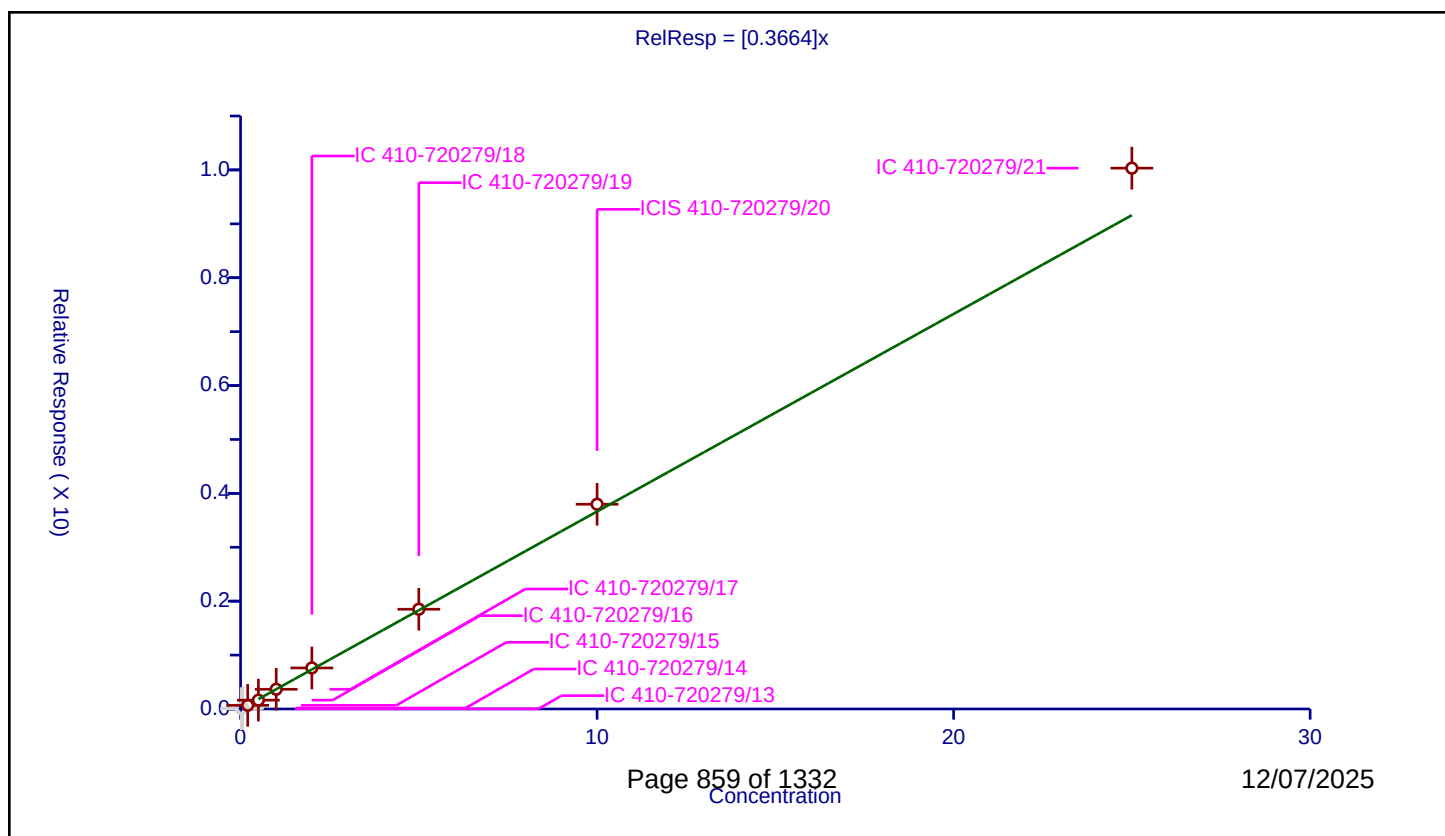
Curve Coefficients

Intercept: 0
Slope: 0.3664

Error Coefficients

Relative Standard Deviation: 6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.004037	10.0	1379869.0	0.201831	N
2	IC 410-720279/14	0.06	0.018463	10.0	1341633.0	0.30771	N
3	IC 410-720279/15	0.2	0.06793	10.0	1373184.0	0.339649	Y
4	IC 410-720279/16	0.5	0.163751	10.0	1352665.0	0.327502	Y
5	IC 410-720279/17	1.0	0.365773	10.0	1355758.0	0.365773	Y
6	IC 410-720279/18	2.0	0.761359	10.0	1388518.0	0.380679	Y
7	IC 410-720279/19	5.0	1.850252	10.0	1421082.0	0.37005	Y
8	ICIS 410-720279/20	10.0	3.797998	10.0	1445514.0	0.3798	Y
9	IC 410-720279/21	25.0	10.033032	10.0	1515824.0	0.401321	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

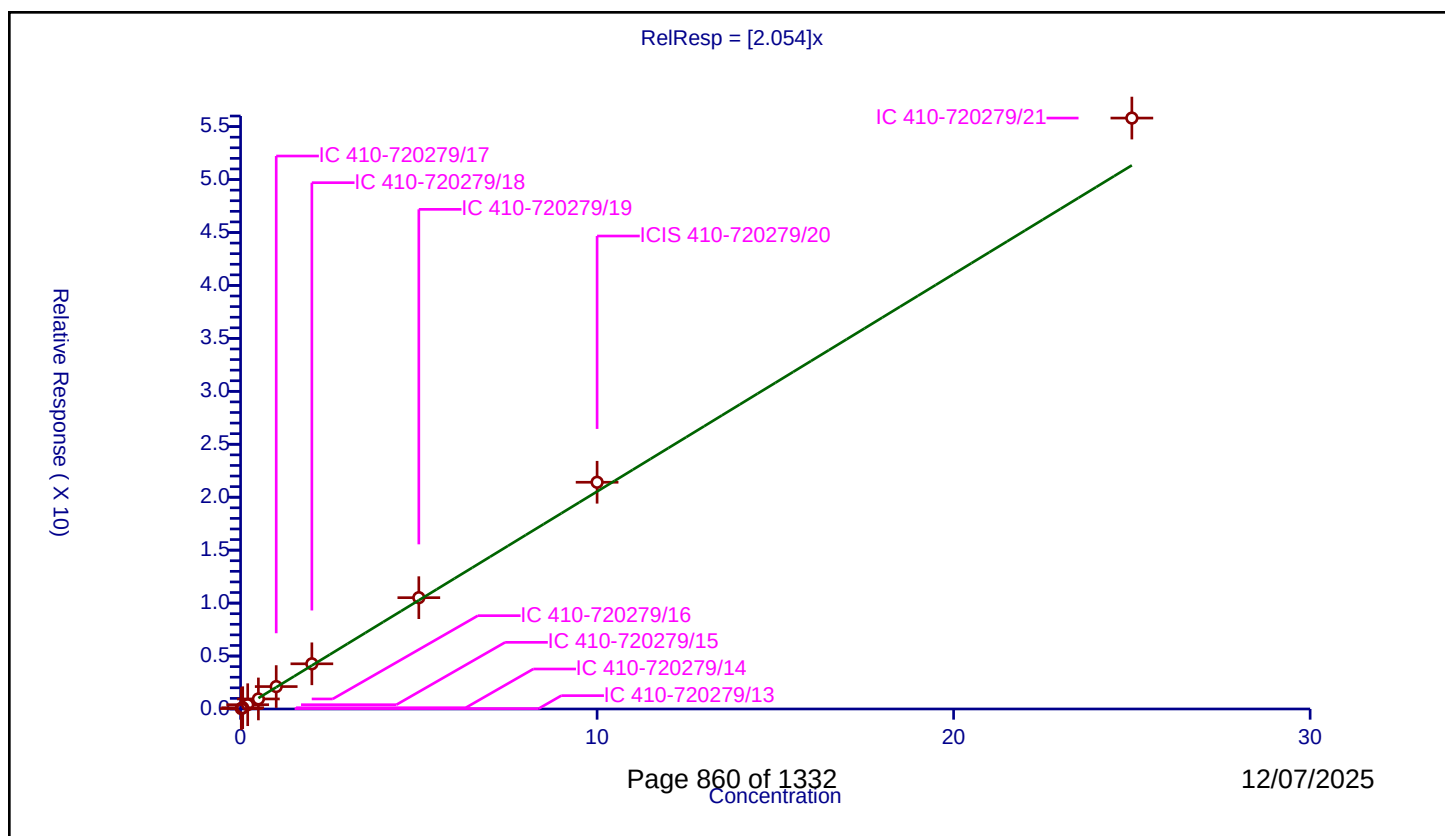
Curve Coefficients

Intercept: 0
Slope: 2.054

Error Coefficients

Relative Standard Deviation: 6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.037061	10.0	1379869.0	1.853074	Y
2	IC 410-720279/14	0.06	0.119109	10.0	1341633.0	1.985143	Y
3	IC 410-720279/15	0.2	0.40444	10.0	1373184.0	2.022198	Y
4	IC 410-720279/16	0.5	0.949356	10.0	1352665.0	1.898711	Y
5	IC 410-720279/17	1.0	2.115827	10.0	1355758.0	2.115827	Y
6	IC 410-720279/18	2.0	4.26634	10.0	1388518.0	2.13317	Y
7	IC 410-720279/19	5.0	10.512426	10.0	1421082.0	2.102485	Y
8	ICIS 410-720279/20	10.0	21.412812	10.0	1445514.0	2.141281	Y
9	IC 410-720279/21	25.0	55.805173	10.0	1515824.0	2.232207	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

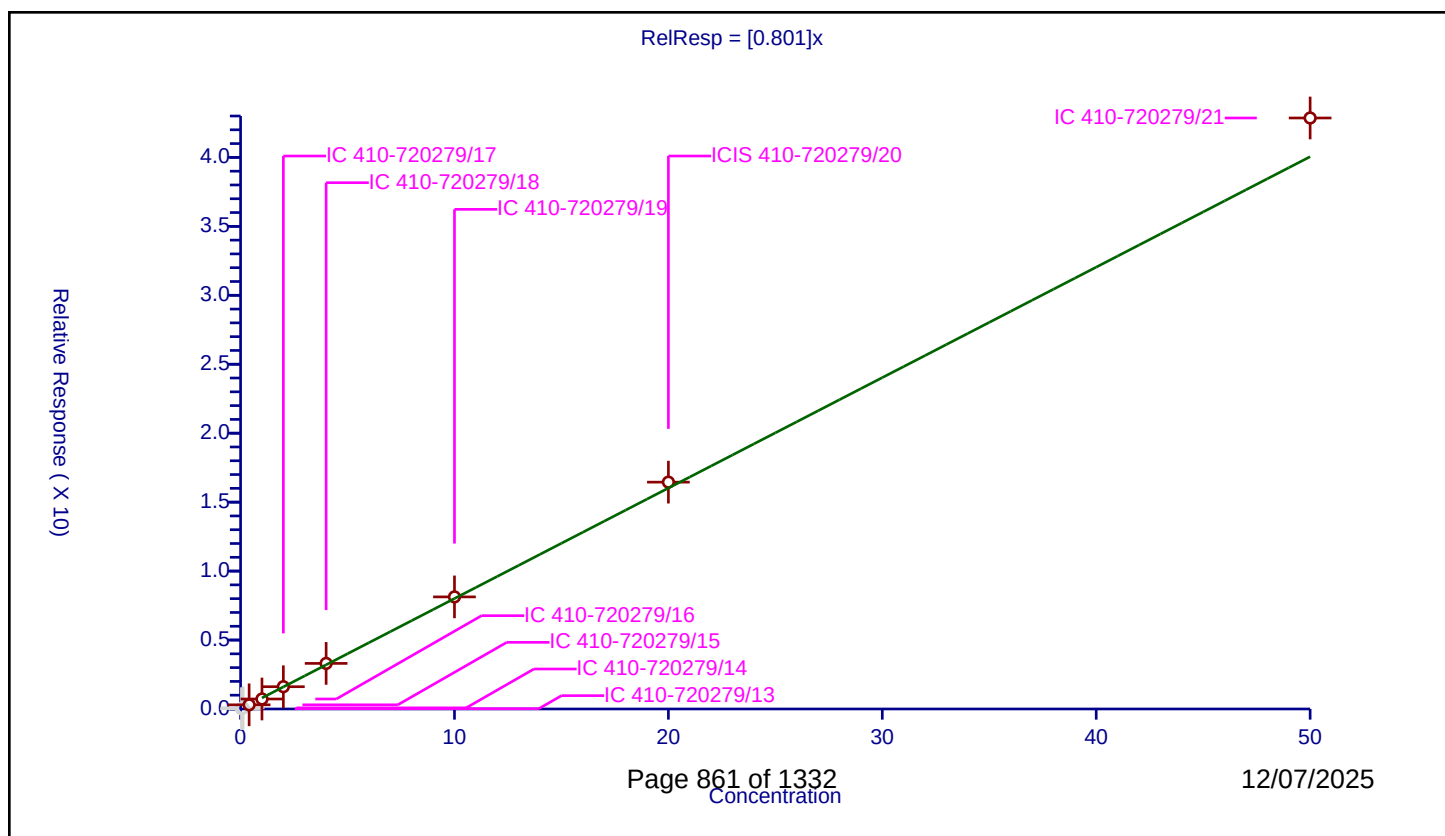
Curve Coefficients

Intercept: 0
 Slope: 0.801

Error Coefficients

Relative Standard Deviation: 5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.04	0.023966	10.0	1379869.0	0.599151	N
2	IC 410-720279/14	0.12	0.082228	10.0	1341633.0	0.685235	N
3	IC 410-720279/15	0.4	0.30245	10.0	1373184.0	0.756126	Y
4	IC 410-720279/16	1.0	0.723949	10.0	1352665.0	0.723949	Y
5	IC 410-720279/17	2.0	1.615797	10.0	1355758.0	0.807899	Y
6	IC 410-720279/18	4.0	3.30574	10.0	1388518.0	0.826435	Y
7	IC 410-720279/19	10.0	8.129207	10.0	1421082.0	0.812921	Y
8	ICIS 410-720279/20	20.0	16.450121	10.0	1445514.0	0.822506	Y
9	IC 410-720279/21	50.0	42.856526	10.0	1515824.0	0.857131	Y



Calibration

/ o-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

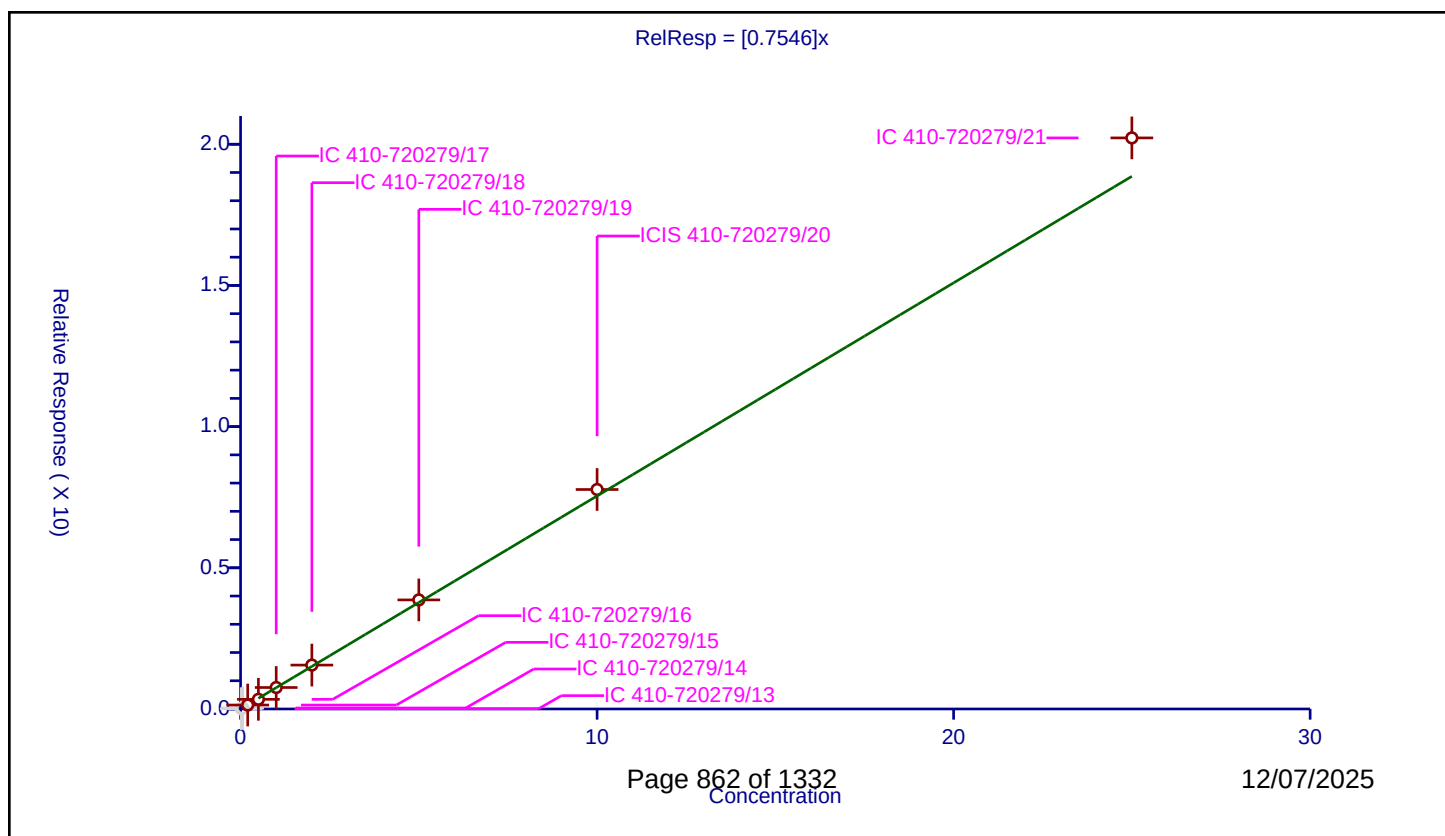
Curve Coefficients

Intercept: 0
Slope: 0.7546

Error Coefficients

Relative Standard Deviation: 6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.010371	10.0	1379869.0	0.518527	N
2	IC 410-720279/14	0.06	0.035524	10.0	1341633.0	0.592065	N
3	IC 410-720279/15	0.2	0.140025	10.0	1373184.0	0.700125	Y
4	IC 410-720279/16	0.5	0.342494	10.0	1352665.0	0.684989	Y
5	IC 410-720279/17	1.0	0.760733	10.0	1355758.0	0.760733	Y
6	IC 410-720279/18	2.0	1.554499	10.0	1388518.0	0.77725	Y
7	IC 410-720279/19	5.0	3.863197	10.0	1421082.0	0.772639	Y
8	ICIS 410-720279/20	10.0	7.772363	10.0	1445514.0	0.777236	Y
9	IC 410-720279/21	25.0	20.224789	10.0	1515824.0	0.808992	Y



Calibration

/ Styrene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

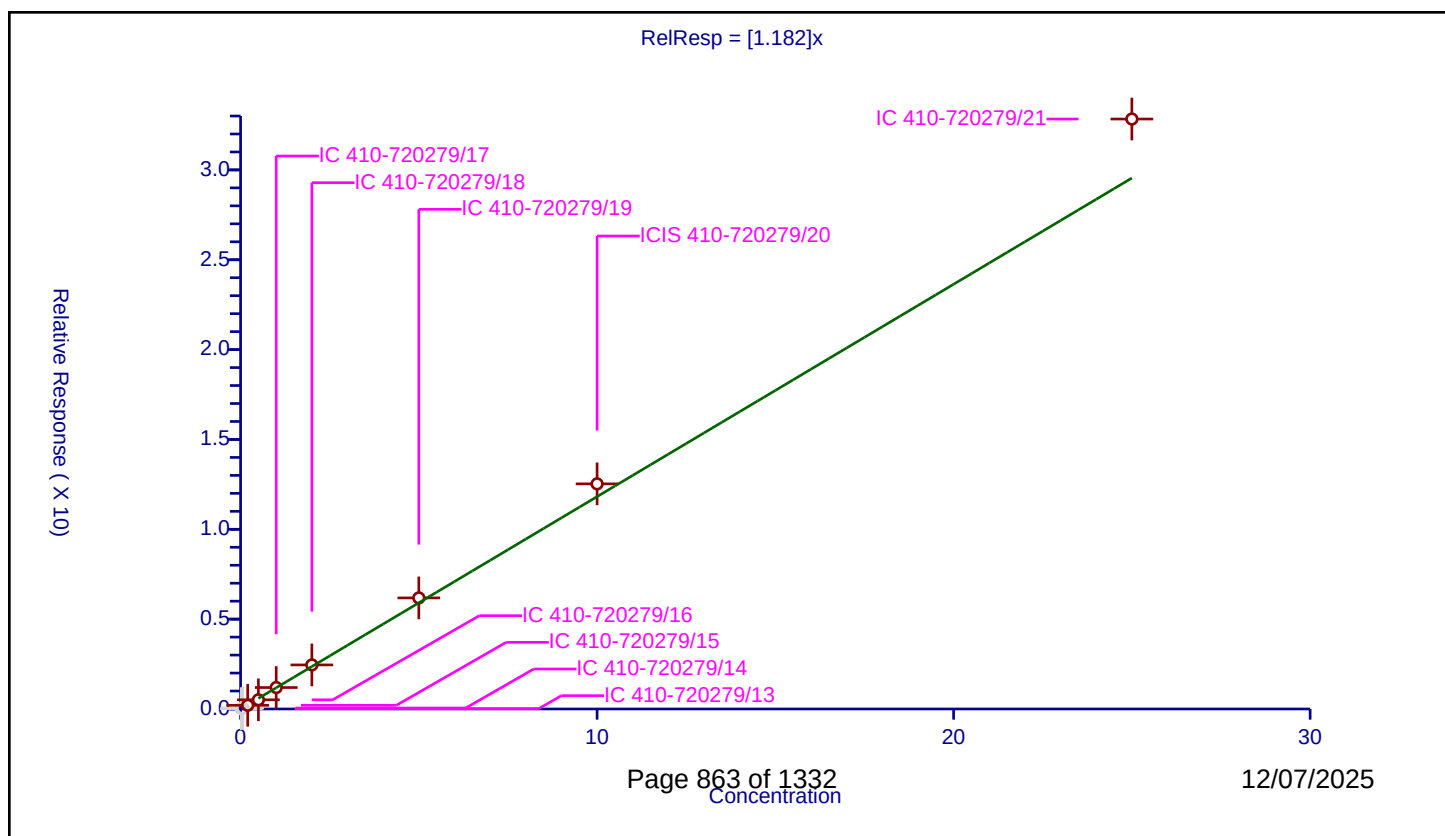
Curve Coefficients

Intercept: 0
Slope: 1.182

Error Coefficients

Relative Standard Deviation: 9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.016349	10.0	1379869.0	0.817469	N
2	IC 410-720279/14	0.06	0.054329	10.0	1341633.0	0.905489	N
3	IC 410-720279/15	0.2	0.205777	10.0	1373184.0	1.028886	Y
4	IC 410-720279/16	0.5	0.51111	10.0	1352665.0	1.022219	Y
5	IC 410-720279/17	1.0	1.193377	10.0	1355758.0	1.193377	Y
6	IC 410-720279/18	2.0	2.45219	10.0	1388518.0	1.226095	Y
7	IC 410-720279/19	5.0	6.181628	10.0	1421082.0	1.236326	Y
8	ICIS 410-720279/20	10.0	12.529107	10.0	1445514.0	1.252911	Y
9	IC 410-720279/21	25.0	32.832717	10.0	1515824.0	1.313309	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

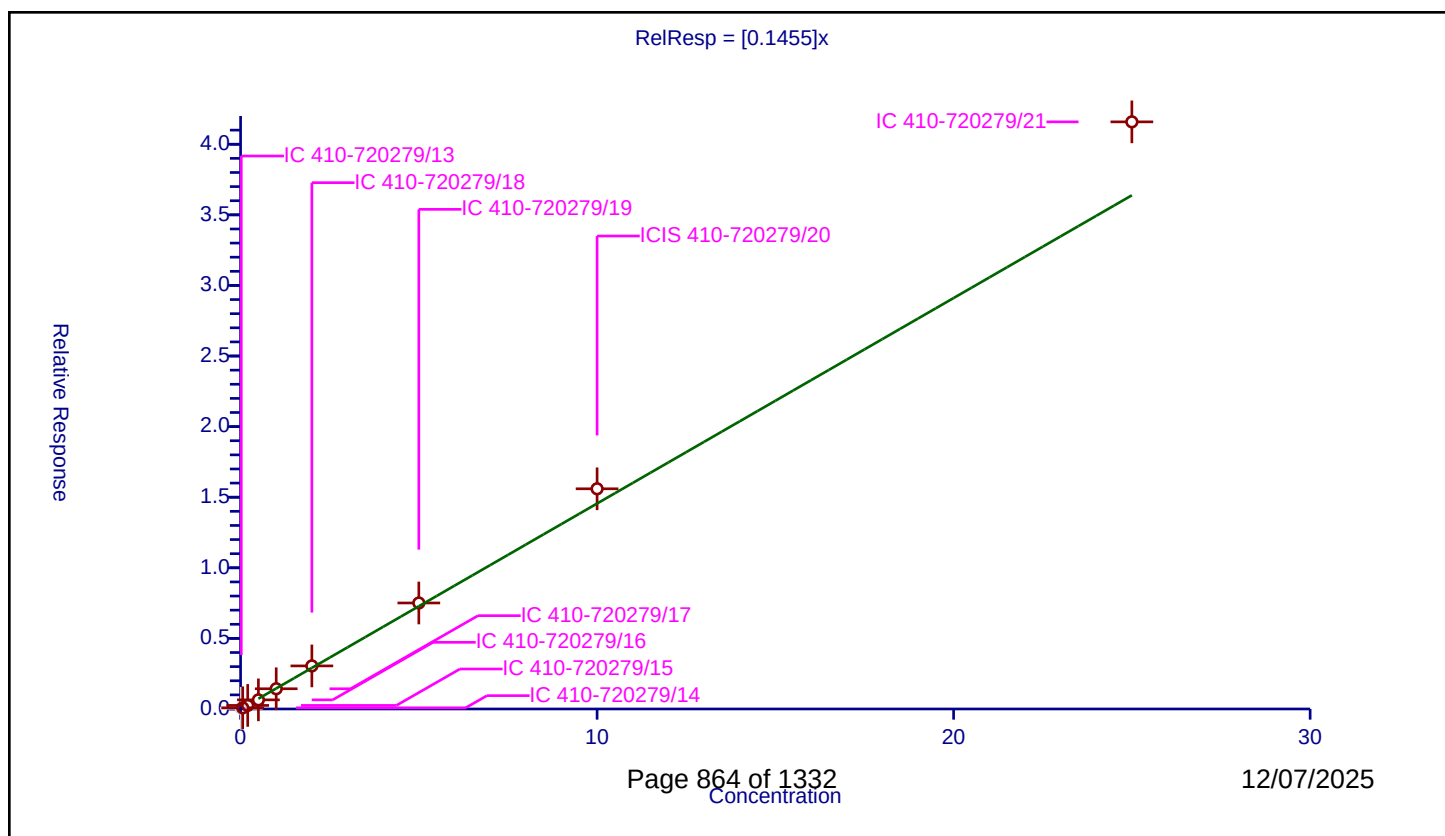
Curve Coefficients

Intercept: 0
Slope: 0.1455

Error Coefficients

Relative Standard Deviation: 9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.00458	10.0	1379869.0	0.229007	N
2	IC 410-720279/14	0.06	0.008423	10.0	1341633.0	0.140376	Y
3	IC 410-720279/15	0.2	0.025248	10.0	1373184.0	0.126239	Y
4	IC 410-720279/16	0.5	0.064724	10.0	1352665.0	0.129448	Y
5	IC 410-720279/17	1.0	0.143197	10.0	1355758.0	0.143197	Y
6	IC 410-720279/18	2.0	0.305066	10.0	1388518.0	0.152533	Y
7	IC 410-720279/19	5.0	0.75085	10.0	1421082.0	0.15017	Y
8	ICIS 410-720279/20	10.0	1.559736	10.0	1445514.0	0.155974	Y
9	IC 410-720279/21	25.0	4.15859	10.0	1515824.0	0.166344	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

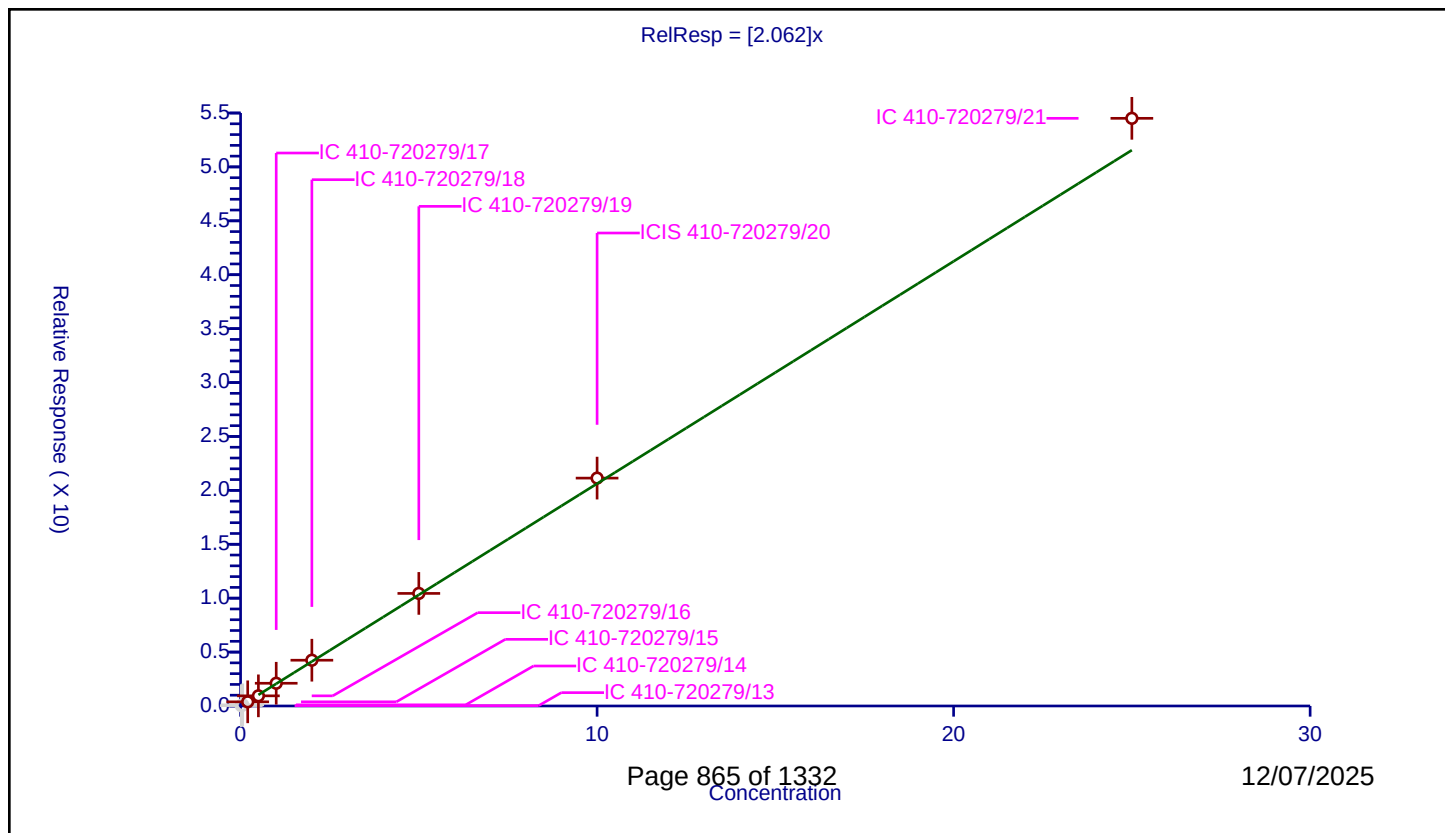
Curve Coefficients

Intercept: 0
Slope: 2.062

Error Coefficients

Relative Standard Deviation: 5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.032539	10.0	1379869.0	1.626966	N
2	IC 410-720279/14	0.06	0.106698	10.0	1341633.0	1.778305	N
3	IC 410-720279/15	0.2	0.387552	10.0	1373184.0	1.937759	Y
4	IC 410-720279/16	0.5	0.9418	10.0	1352665.0	1.8836	Y
5	IC 410-720279/17	1.0	2.108533	10.0	1355758.0	2.108533	Y
6	IC 410-720279/18	2.0	4.24616	10.0	1388518.0	2.12308	Y
7	IC 410-720279/19	5.0	10.440826	10.0	1421082.0	2.088165	Y
8	ICIS 410-720279/20	10.0	21.136392	10.0	1445514.0	2.113639	Y
9	IC 410-720279/21	25.0	54.507265	10.0	1515824.0	2.180291	Y



Calibration

/ 4-Bromofluorobenzene (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

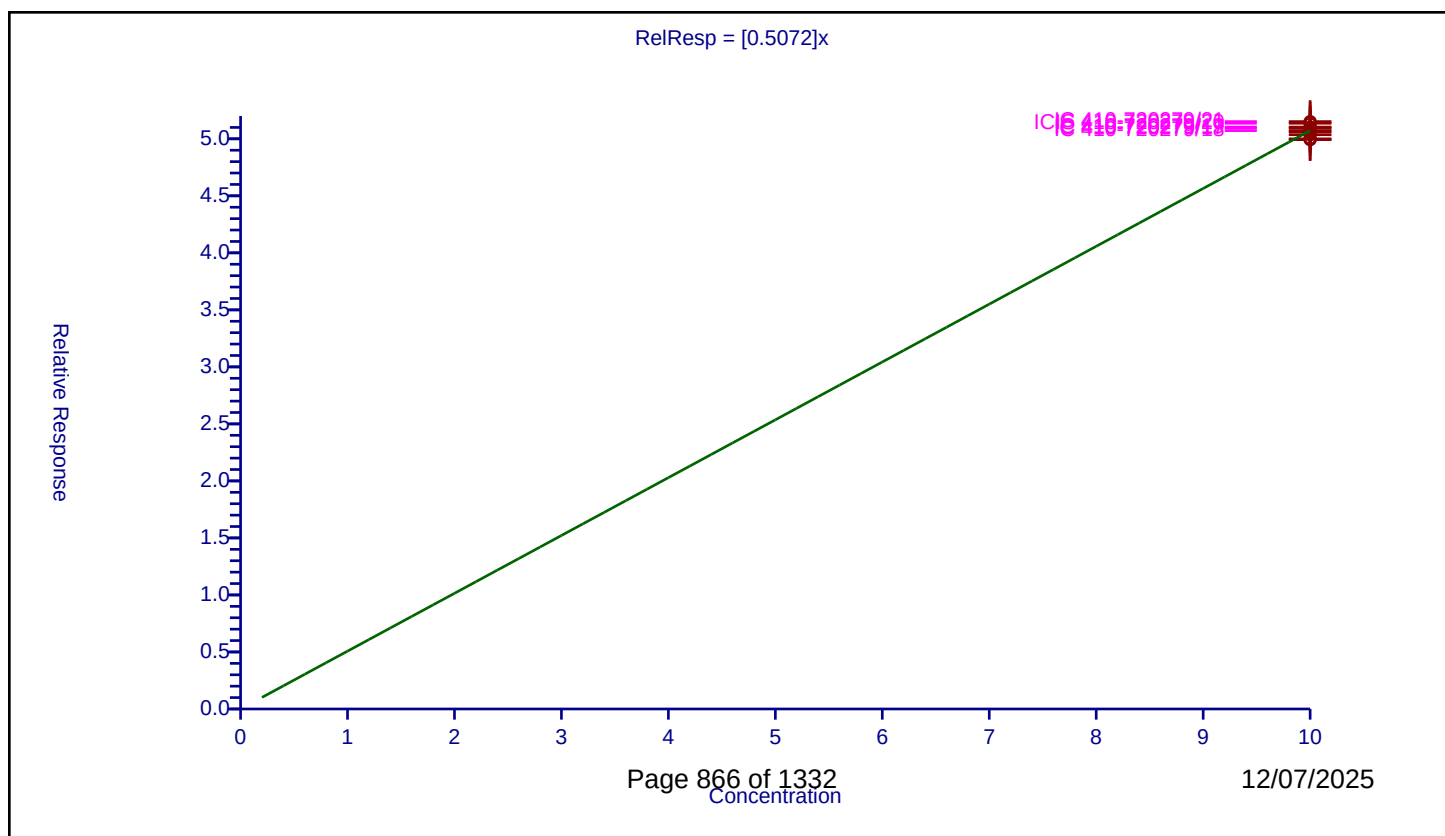
Curve Coefficients

Intercept: 0
 Slope: 0.5072

Error Coefficients

Relative Standard Deviation: 1.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	10.0	4.99983	10.0	1379869.0	0.499983	Y
2	IC 410-720279/14	10.0	5.03587	10.0	1341633.0	0.503587	Y
3	IC 410-720279/15	10.0	4.992521	10.0	1373184.0	0.499252	Y
4	IC 410-720279/16	10.0	5.0601	10.0	1352665.0	0.50601	Y
5	IC 410-720279/17	10.0	5.093815	10.0	1355758.0	0.509381	Y
6	IC 410-720279/18	10.0	5.071947	10.0	1388518.0	0.507195	Y
7	IC 410-720279/19	10.0	5.103097	10.0	1421082.0	0.51031	Y
8	ICIS 410-720279/20	10.0	5.136498	10.0	1445514.0	0.51365	Y
9	IC 410-720279/21	10.0	5.15108	10.0	1515824.0	0.515108	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

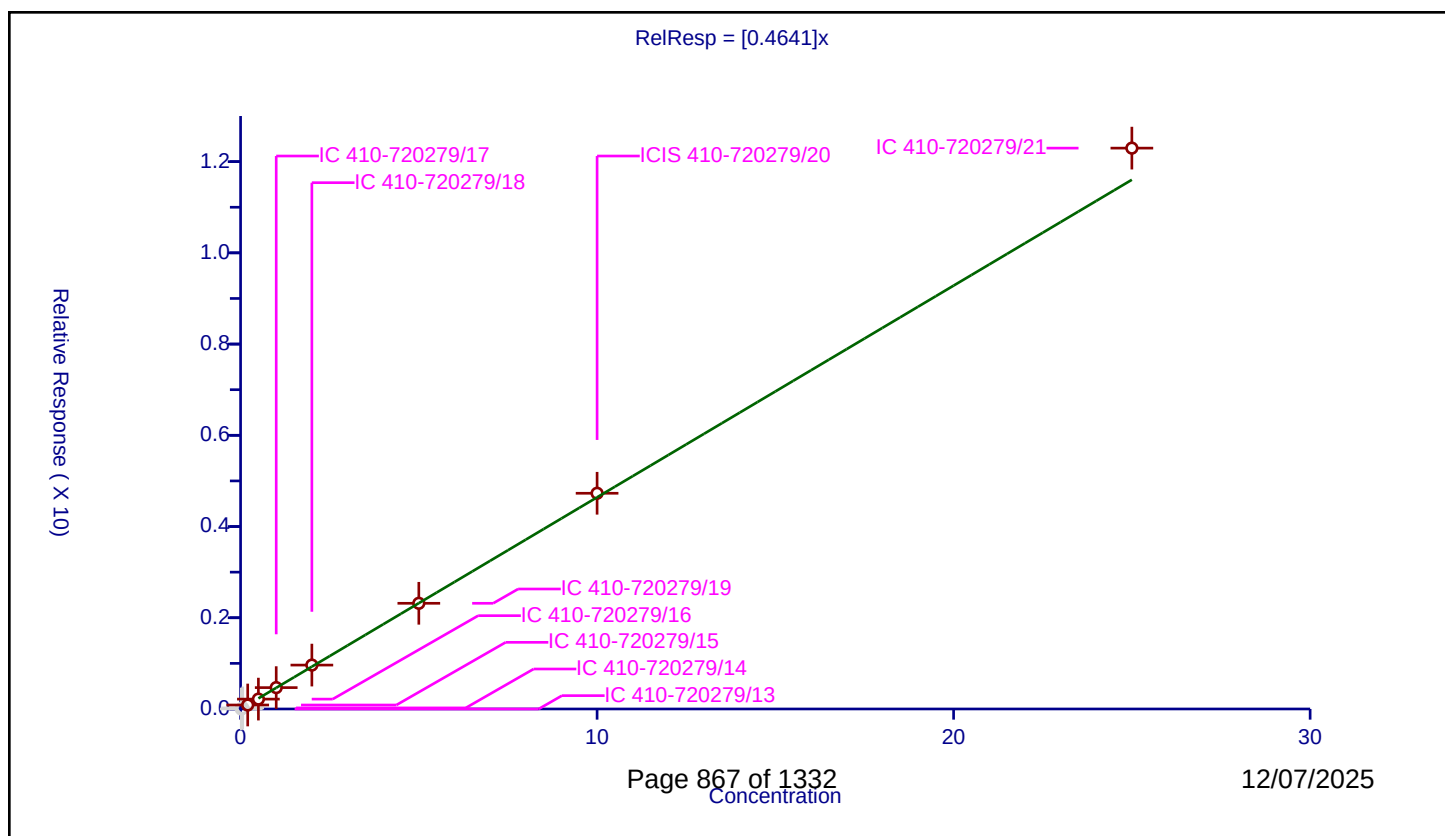
Curve Coefficients

Intercept: 0
Slope: 0.4641

Error Coefficients

Relative Standard Deviation: 4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0	10.0	737722.0	0.0	N
2	IC 410-720279/14	0.06	0.023401	10.0	730322.0	0.390011	N
3	IC 410-720279/15	0.2	0.087331	10.0	742810.0	0.436653	Y
4	IC 410-720279/16	0.5	0.216863	10.0	748490.0	0.433727	Y
5	IC 410-720279/17	1.0	0.468698	10.0	749352.0	0.468698	Y
6	IC 410-720279/18	2.0	0.962679	10.0	765520.0	0.481339	Y
7	IC 410-720279/19	5.0	2.317018	10.0	799601.0	0.463404	Y
8	ICIS 410-720279/20	10.0	4.72954	10.0	813781.0	0.472954	Y
9	IC 410-720279/21	25.0	12.295827	10.0	852817.0	0.491833	Y



Calibration

/ Bromobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

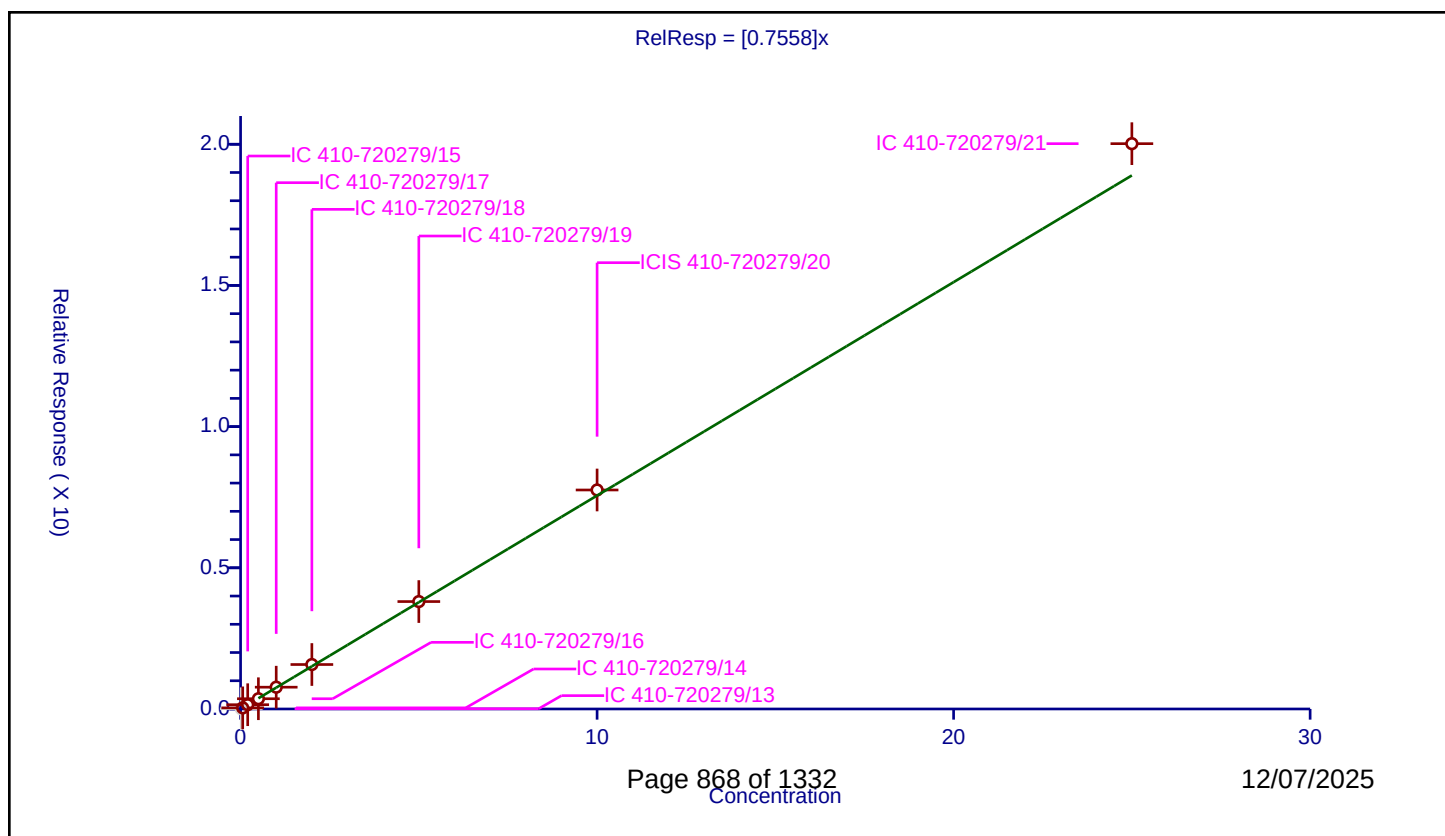
Curve Coefficients

Intercept: 0
Slope: 0.7558

Error Coefficients

Relative Standard Deviation: 5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.00938	10.0	737722.0	0.469011	N
2	IC 410-720279/14	0.06	0.0399	10.0	730322.0	0.665003	Y
3	IC 410-720279/15	0.2	0.1516	10.0	742810.0	0.758	Y
4	IC 410-720279/16	0.5	0.363118	10.0	748490.0	0.726235	Y
5	IC 410-720279/17	1.0	0.772441	10.0	749352.0	0.772441	Y
6	IC 410-720279/18	2.0	1.57523	10.0	765520.0	0.787615	Y
7	IC 410-720279/19	5.0	3.804285	10.0	799601.0	0.760857	Y
8	ICIS 410-720279/20	10.0	7.7556	10.0	813781.0	0.77556	Y
9	IC 410-720279/21	25.0	20.020743	10.0	852817.0	0.80083	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

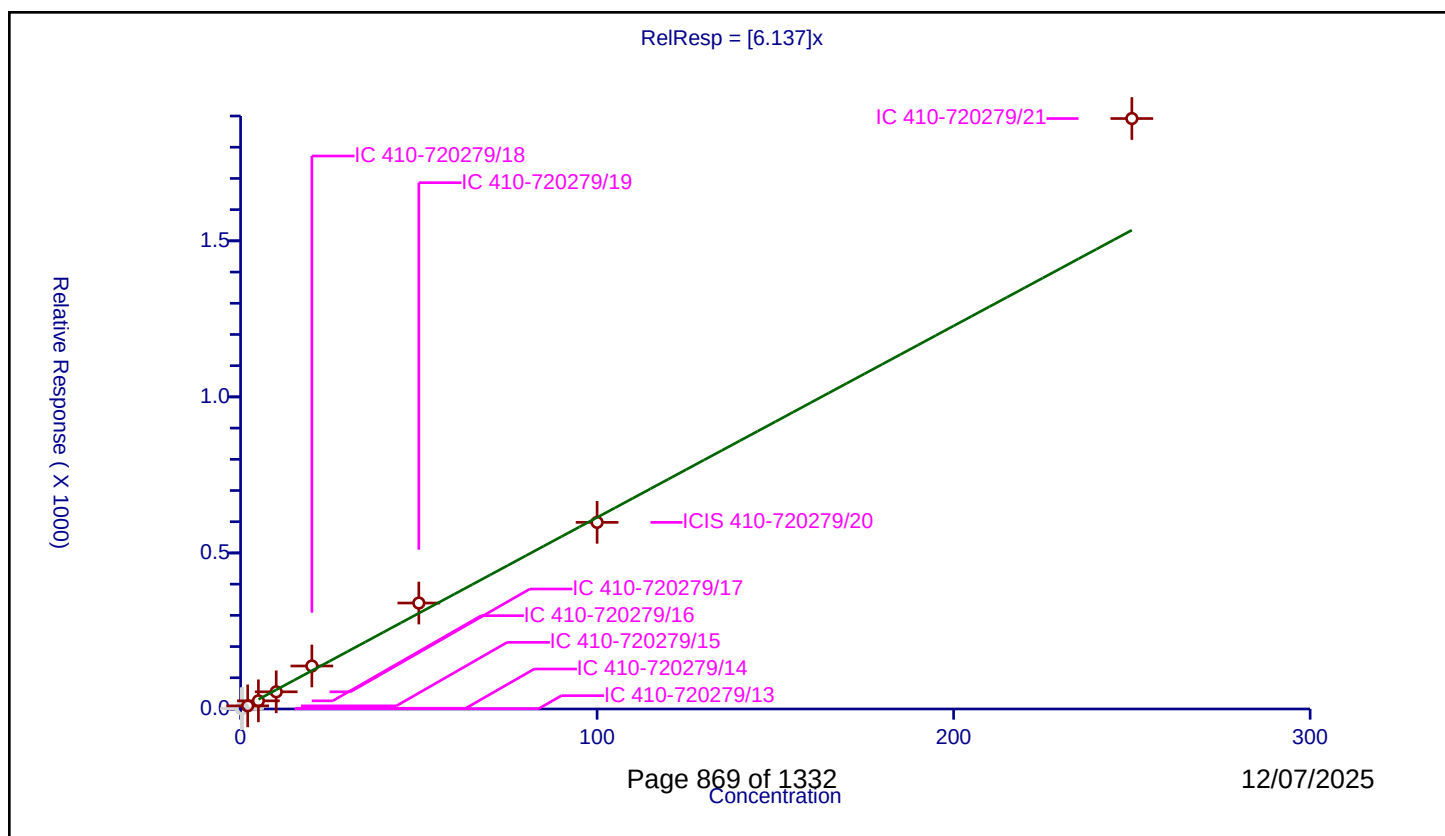
Curve Coefficients

Intercept: 0
Slope: 6.137

Error Coefficients

Relative Standard Deviation: 15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.2	1.012975	50.0	30751.0	5.064876	N
2	IC 410-720279/14	0.6	2.375095	50.0	68292.0	3.958492	N
3	IC 410-720279/15	2.0	10.027647	50.0	60767.0	5.013823	Y
4	IC 410-720279/16	5.0	26.072877	50.0	63614.0	5.214575	Y
5	IC 410-720279/17	10.0	55.046137	50.0	65674.0	5.504614	Y
6	IC 410-720279/18	20.0	137.776554	50.0	58126.0	6.888828	Y
7	IC 410-720279/19	50.0	339.538192	50.0	62212.0	6.790764	Y
8	ICIS 410-720279/20	100.0	597.973212	50.0	76229.0	5.979732	Y
9	IC 410-720279/21	250.0	1891.939015	50.0	68968.0	7.567756	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

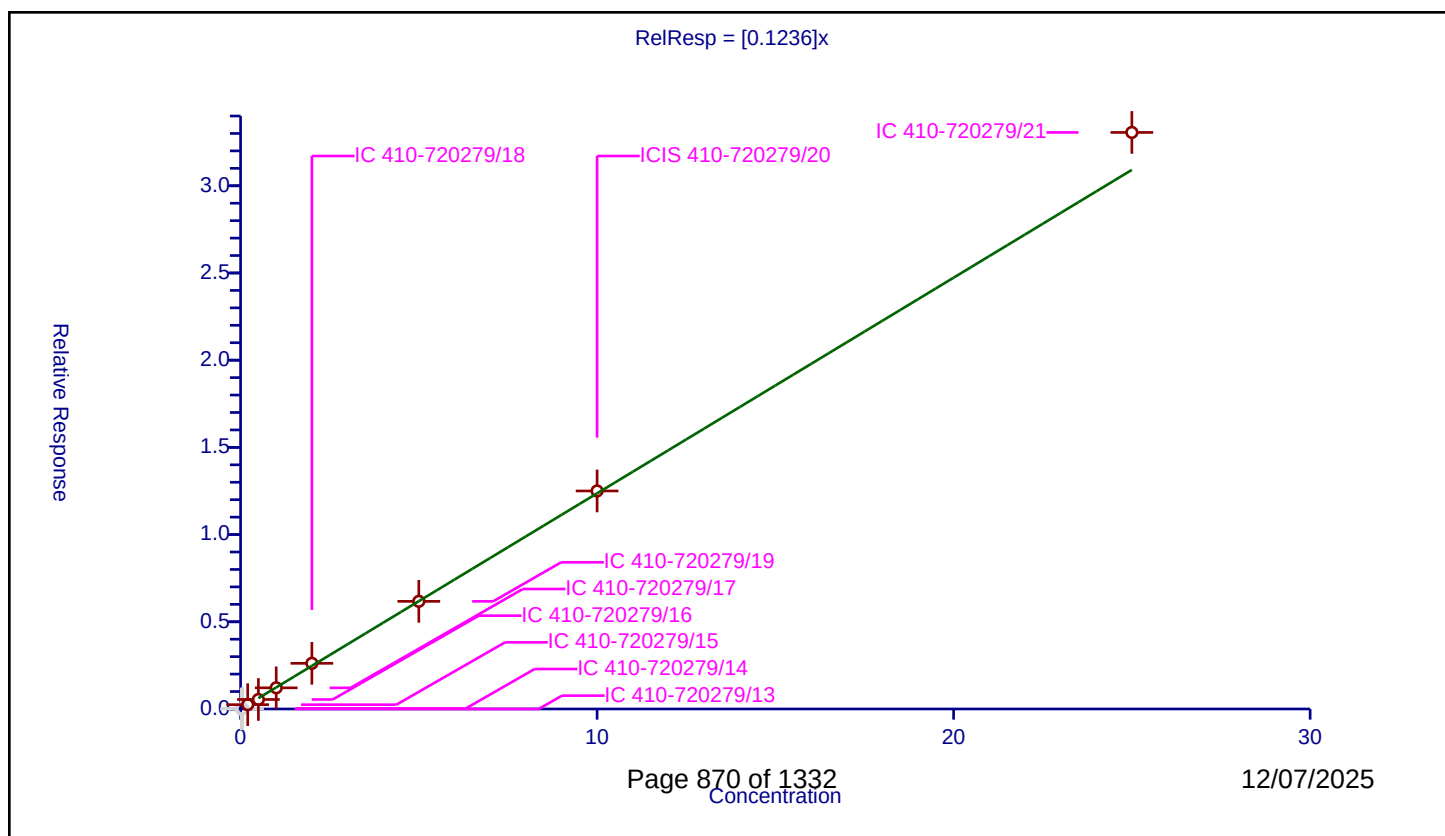
Curve Coefficients

Intercept: 0
Slope: 0.1236

Error Coefficients

Relative Standard Deviation: 6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0	10.0	737722.0	0.0	N
2	IC 410-720279/14	0.06	0.002752	10.0	730322.0	0.04587	N
3	IC 410-720279/15	0.2	0.024703	10.0	742810.0	0.123517	Y
4	IC 410-720279/16	0.5	0.054563	10.0	748490.0	0.109126	Y
5	IC 410-720279/17	1.0	0.121331	10.0	749352.0	0.121331	Y
6	IC 410-720279/18	2.0	0.26177	10.0	765520.0	0.130885	Y
7	IC 410-720279/19	5.0	0.617158	10.0	799601.0	0.123432	Y
8	ICIS 410-720279/20	10.0	1.250127	10.0	813781.0	0.125013	Y
9	IC 410-720279/21	25.0	3.305739	10.0	852817.0	0.13223	Y



Calibration

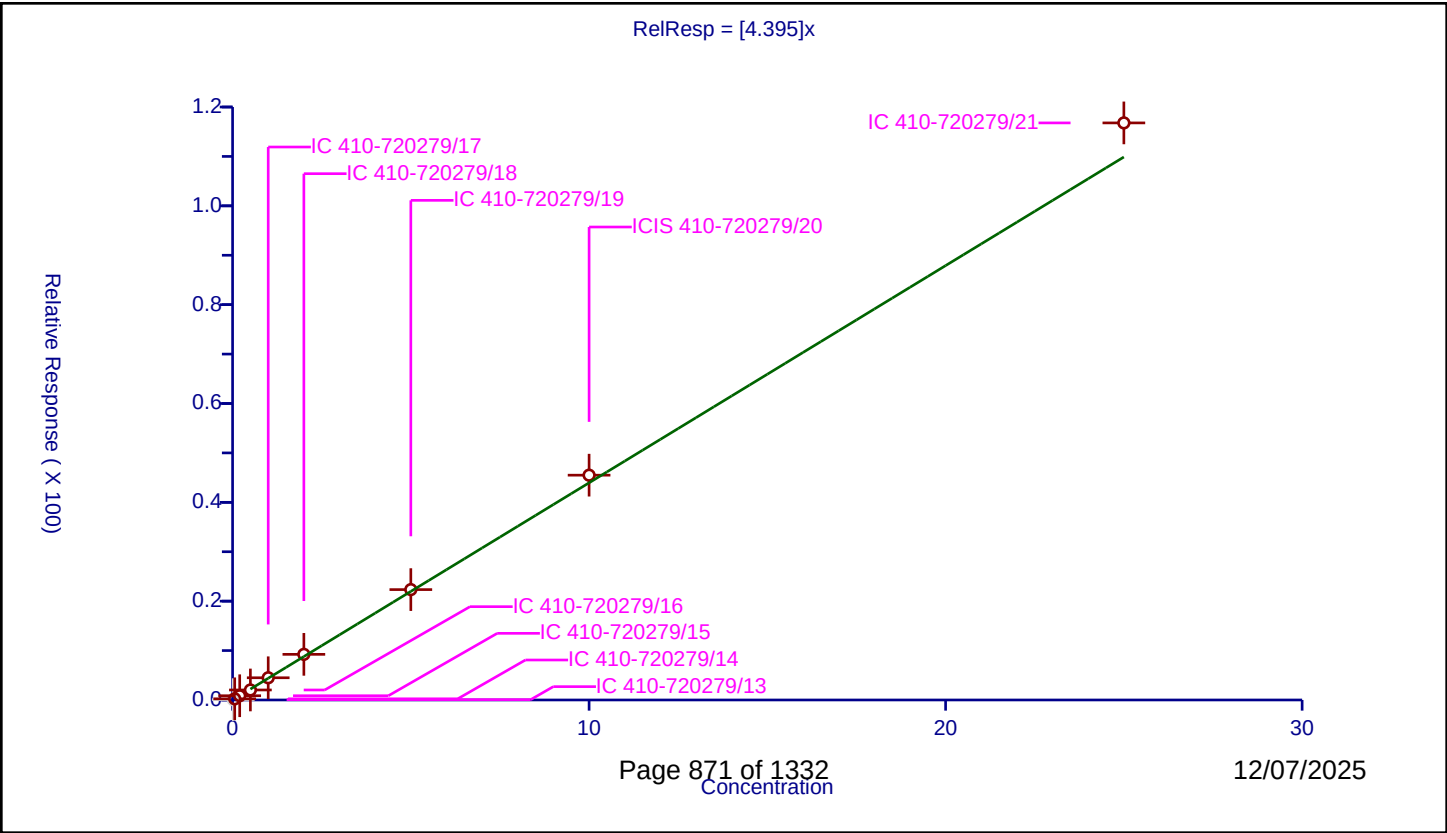
/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	4.395
Error Coefficients	

Relative Standard Deviation: 5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.074933	10.0	737722.0	3.746669	N
2	IC 410-720279/14	0.06	0.24125	10.0	730322.0	4.020829	Y
3	IC 410-720279/15	0.2	0.858268	10.0	742810.0	4.29134	Y
4	IC 410-720279/16	0.5	2.023728	10.0	748490.0	4.047456	Y
5	IC 410-720279/17	1.0	4.495911	10.0	749352.0	4.495911	Y
6	IC 410-720279/18	2.0	9.234729	10.0	765520.0	4.617365	Y
7	IC 410-720279/19	5.0	22.338879	10.0	799601.0	4.467776	Y
8	ICIS 410-720279/20	10.0	45.495582	10.0	813781.0	4.549558	Y
9	IC 410-720279/21	25.0	116.785418	10.0	852817.0	4.671417	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

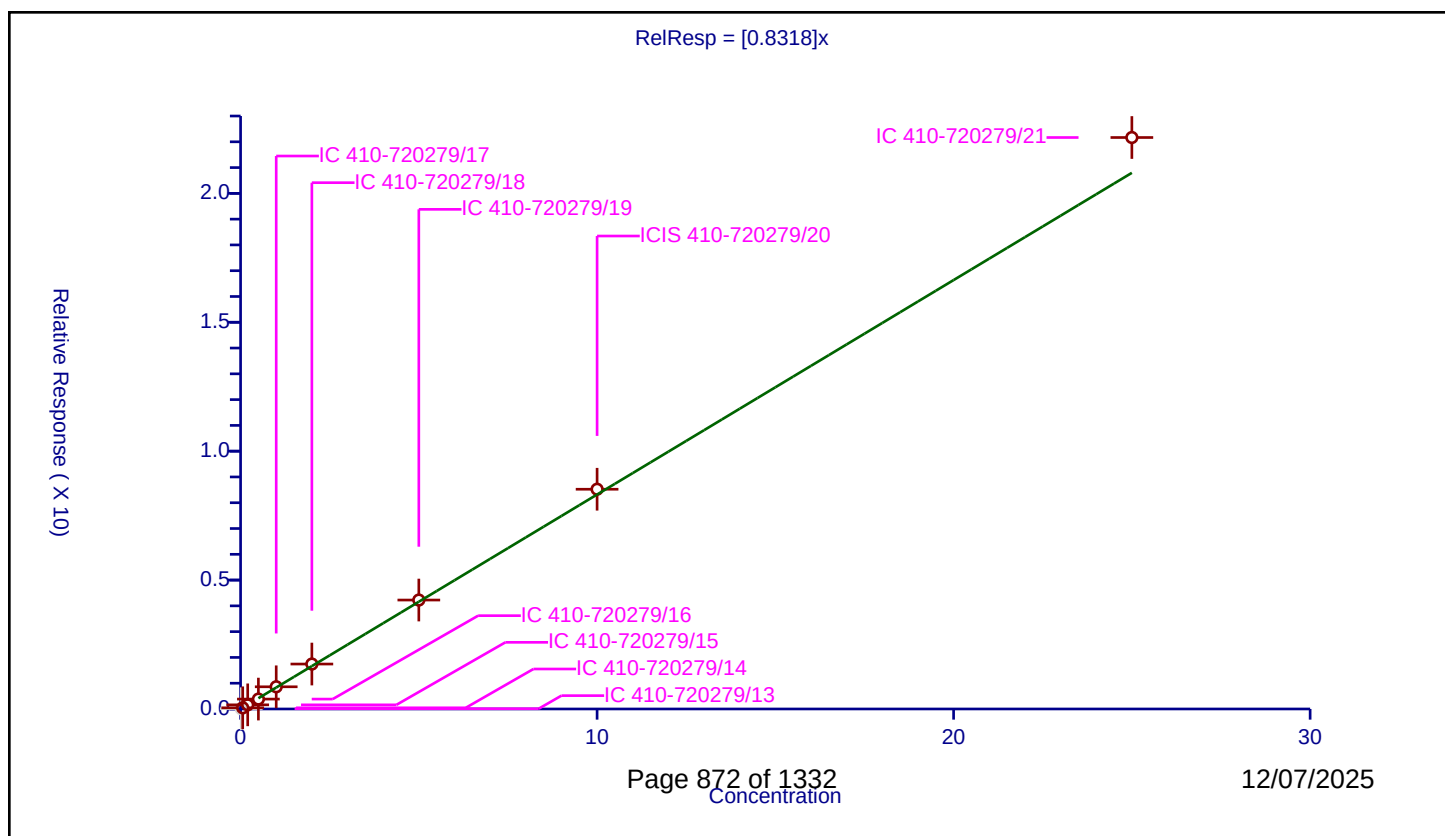
Curve Coefficients

Intercept: 0
Slope: 0.8318

Error Coefficients

Relative Standard Deviation: 5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0106	10.0	737722.0	0.53001	N
2	IC 410-720279/14	0.06	0.045911	10.0	730322.0	0.765188	Y
3	IC 410-720279/15	0.2	0.160862	10.0	742810.0	0.804311	Y
4	IC 410-720279/16	0.5	0.384187	10.0	748490.0	0.768374	Y
5	IC 410-720279/17	1.0	0.860904	10.0	749352.0	0.860904	Y
6	IC 410-720279/18	2.0	1.743312	10.0	765520.0	0.871656	Y
7	IC 410-720279/19	5.0	4.226083	10.0	799601.0	0.845217	Y
8	ICIS 410-720279/20	10.0	8.523497	10.0	813781.0	0.85235	Y
9	IC 410-720279/21	25.0	22.166022	10.0	852817.0	0.886641	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

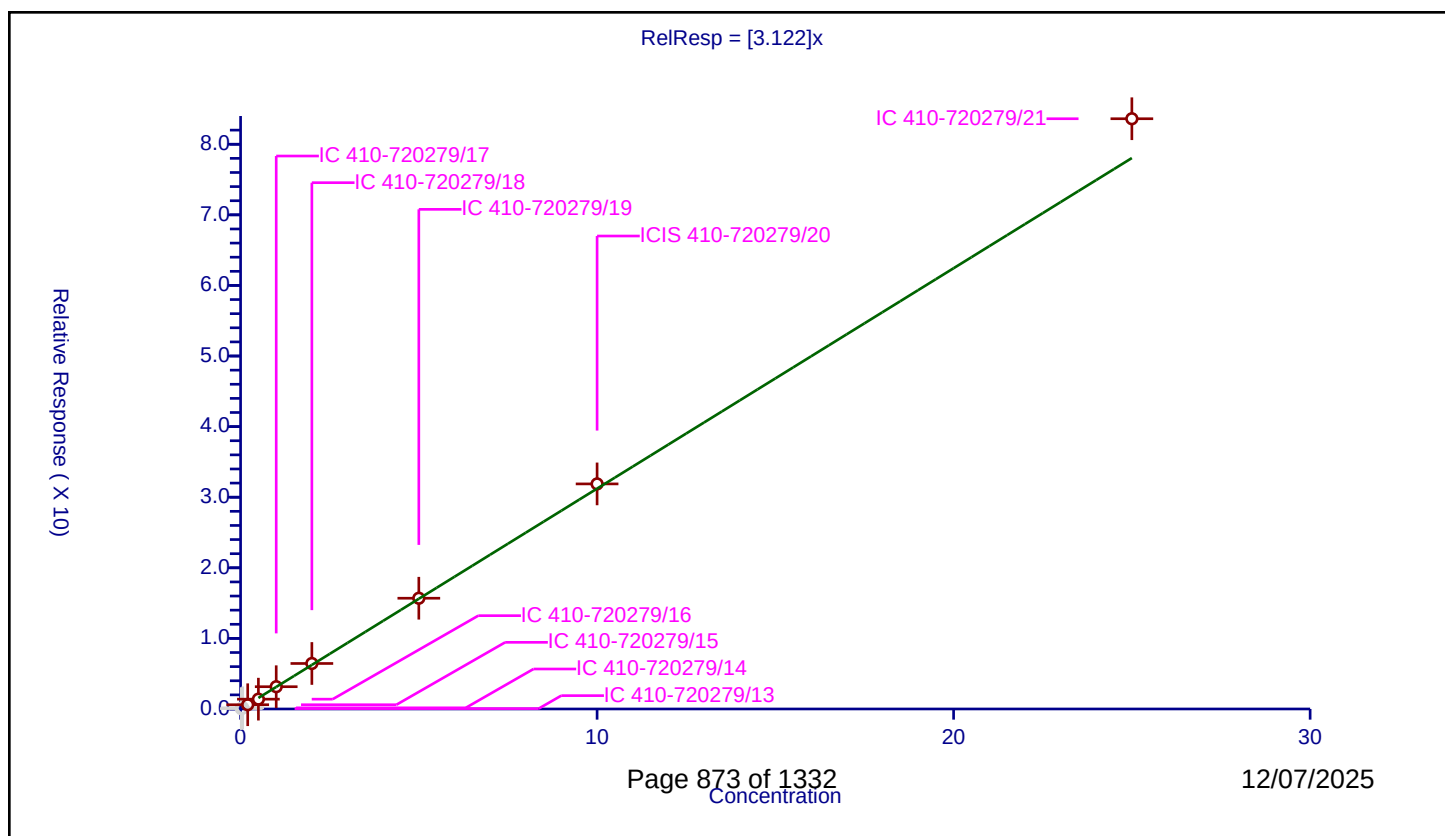
Curve Coefficients

Intercept: 0
Slope: 3.122

Error Coefficients

Relative Standard Deviation: 5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.054113	10.0	737722.0	2.705626	N
2	IC 410-720279/14	0.06	0.162887	10.0	730322.0	2.714784	N
3	IC 410-720279/15	0.2	0.6036	10.0	742810.0	3.017999	Y
4	IC 410-720279/16	0.5	1.392804	10.0	748490.0	2.785608	Y
5	IC 410-720279/17	1.0	3.154913	10.0	749352.0	3.154913	Y
6	IC 410-720279/18	2.0	6.447826	10.0	765520.0	3.223913	Y
7	IC 410-720279/19	5.0	15.689825	10.0	799601.0	3.137965	Y
8	ICIS 410-720279/20	10.0	31.88407	10.0	813781.0	3.188407	Y
9	IC 410-720279/21	25.0	83.612803	10.0	852817.0	3.344512	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

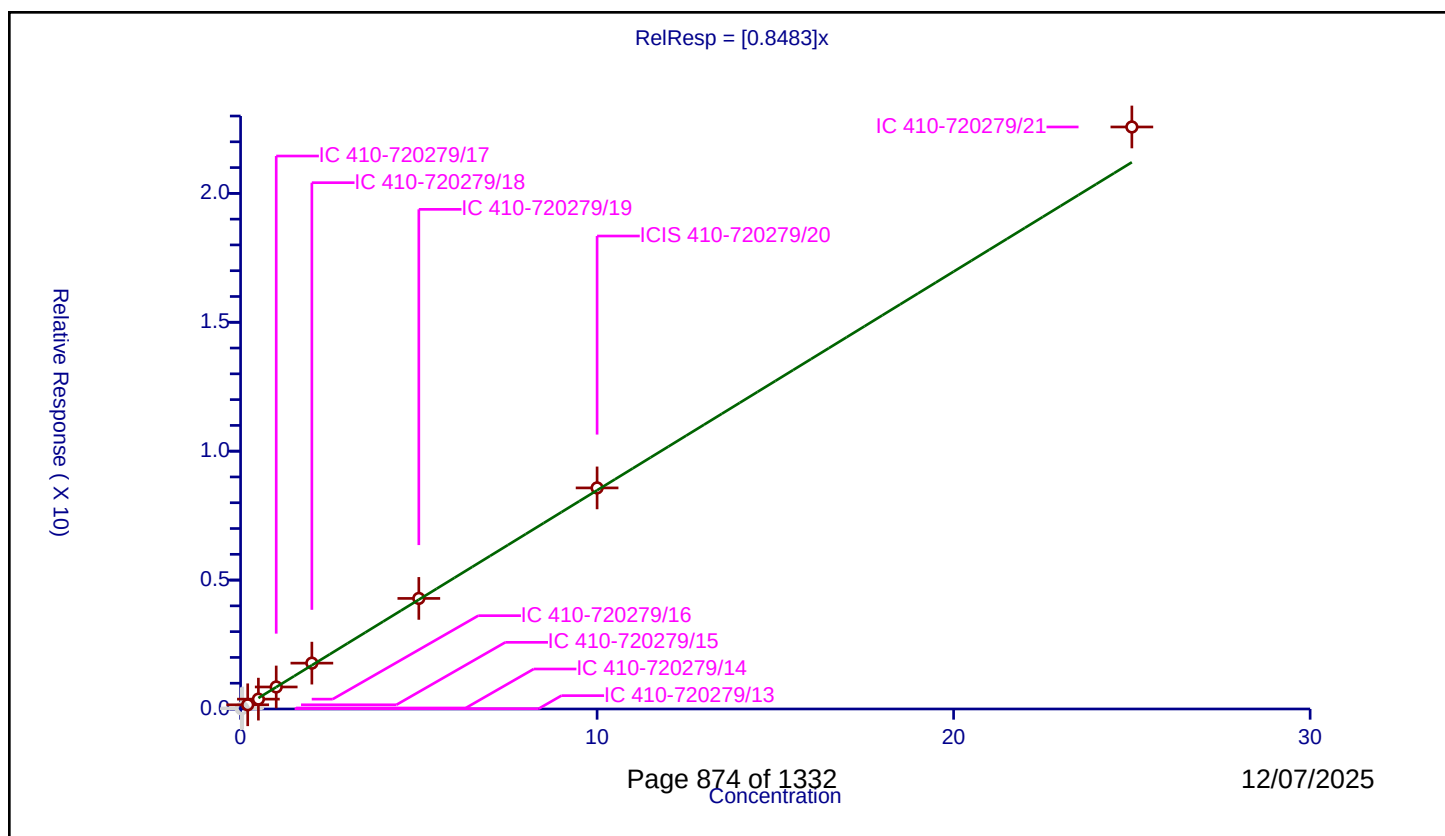
Curve Coefficients

Intercept: 0
Slope: 0.8483

Error Coefficients

Relative Standard Deviation: 5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.011969	10.0	737722.0	0.598464	N
2	IC 410-720279/14	0.06	0.039161	10.0	730322.0	0.65268	N
3	IC 410-720279/15	0.2	0.162437	10.0	742810.0	0.812186	Y
4	IC 410-720279/16	0.5	0.381876	10.0	748490.0	0.763751	Y
5	IC 410-720279/17	1.0	0.854218	10.0	749352.0	0.854218	Y
6	IC 410-720279/18	2.0	1.778765	10.0	765520.0	0.889382	Y
7	IC 410-720279/19	5.0	4.289352	10.0	799601.0	0.85787	Y
8	ICIS 410-720279/20	10.0	8.575071	10.0	813781.0	0.857507	Y
9	IC 410-720279/21	25.0	22.574573	10.0	852817.0	0.902983	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

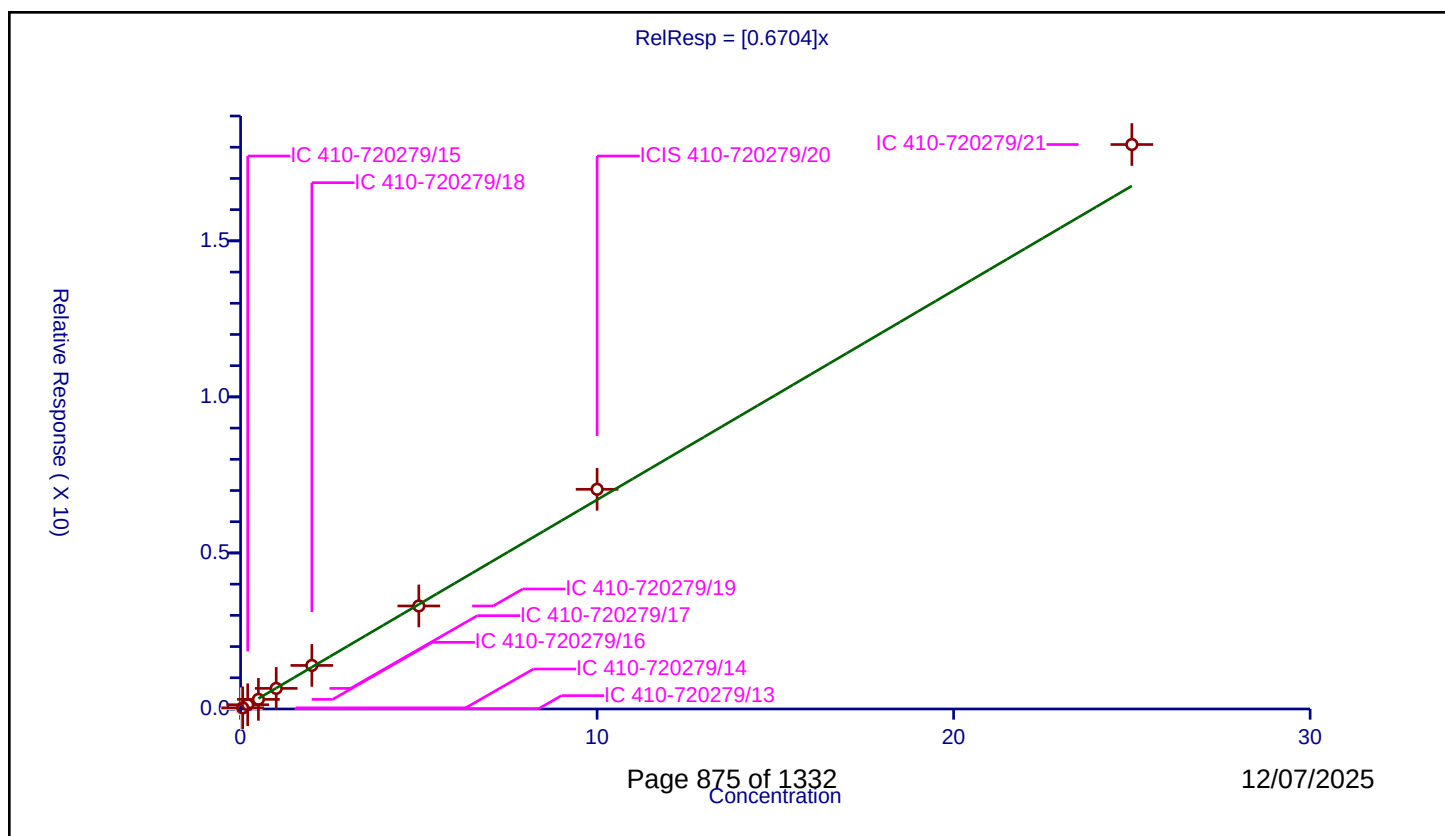
Curve Coefficients

Intercept: 0
Slope: 0.6704

Error Coefficients

Relative Standard Deviation: 5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.009055	10.0	737722.0	0.452745	N
2	IC 410-720279/14	0.06	0.037216	10.0	730322.0	0.620274	Y
3	IC 410-720279/15	0.2	0.136159	10.0	742810.0	0.680793	Y
4	IC 410-720279/16	0.5	0.308247	10.0	748490.0	0.616495	Y
5	IC 410-720279/17	1.0	0.660237	10.0	749352.0	0.660237	Y
6	IC 410-720279/18	2.0	1.395509	10.0	765520.0	0.697754	Y
7	IC 410-720279/19	5.0	3.300771	10.0	799601.0	0.660154	Y
8	ICIS 410-720279/20	10.0	7.039031	10.0	813781.0	0.703903	Y
9	IC 410-720279/21	25.0	18.08687	10.0	852817.0	0.723475	Y



Calibration

/ Pentachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

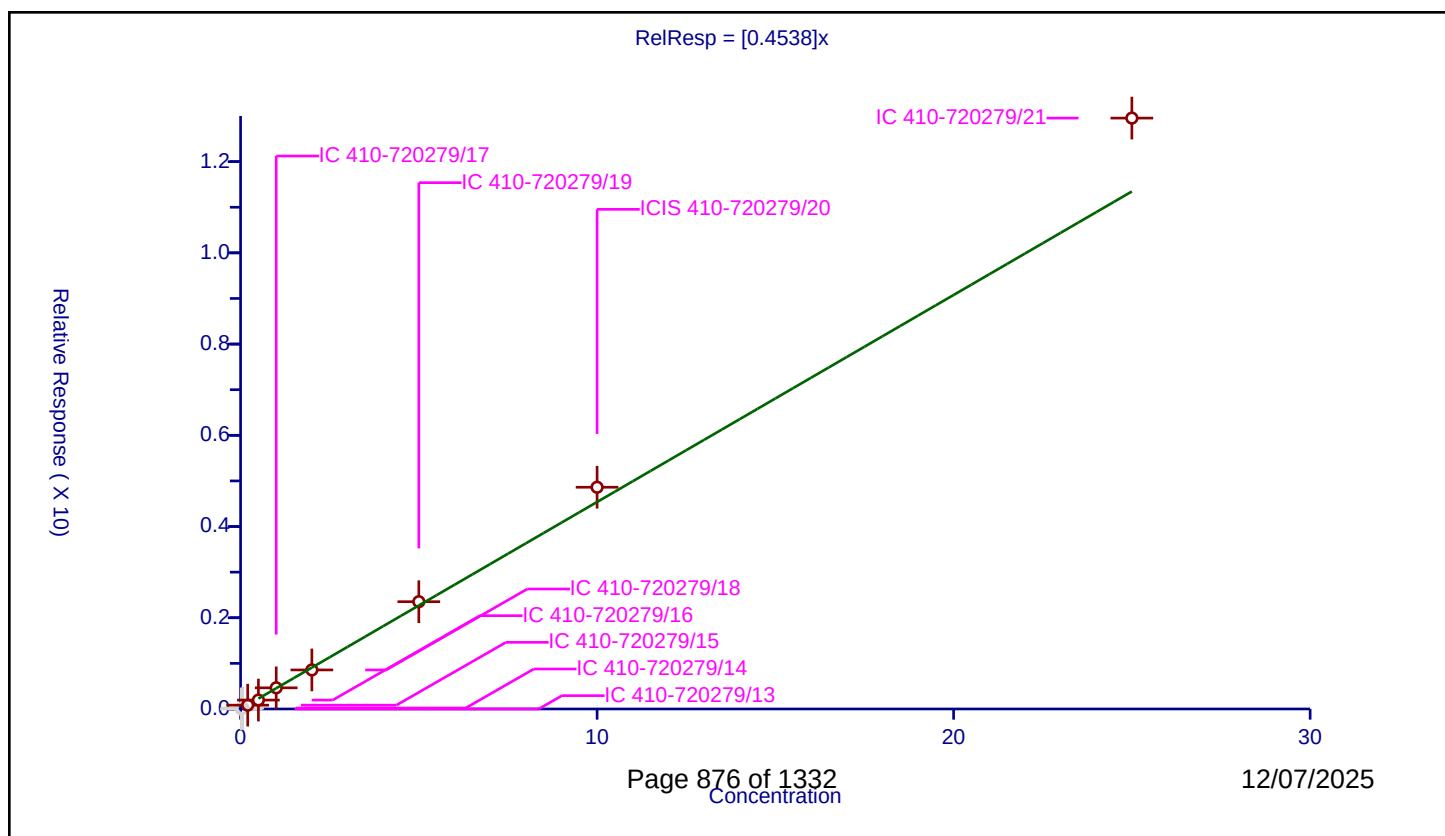
Curve Coefficients

Intercept: 0
Slope: 0.4538

Error Coefficients

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0	10.0	737722.0	0.0	N
2	IC 410-720279/14	0.06	0.021169	10.0	730322.0	0.352812	N
3	IC 410-720279/15	0.2	0.083763	10.0	742810.0	0.418815	Y
4	IC 410-720279/16	0.5	0.195514	10.0	748490.0	0.391027	Y
5	IC 410-720279/17	1.0	0.464028	10.0	749352.0	0.464028	Y
6	IC 410-720279/18	2.0	0.856411	10.0	765520.0	0.428206	Y
7	IC 410-720279/19	5.0	2.352123	10.0	799601.0	0.470425	Y
8	ICIS 410-720279/20	10.0	4.861271	10.0	813781.0	0.486127	Y
9	IC 410-720279/21	25.0	12.954303	10.0	852817.0	0.518172	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

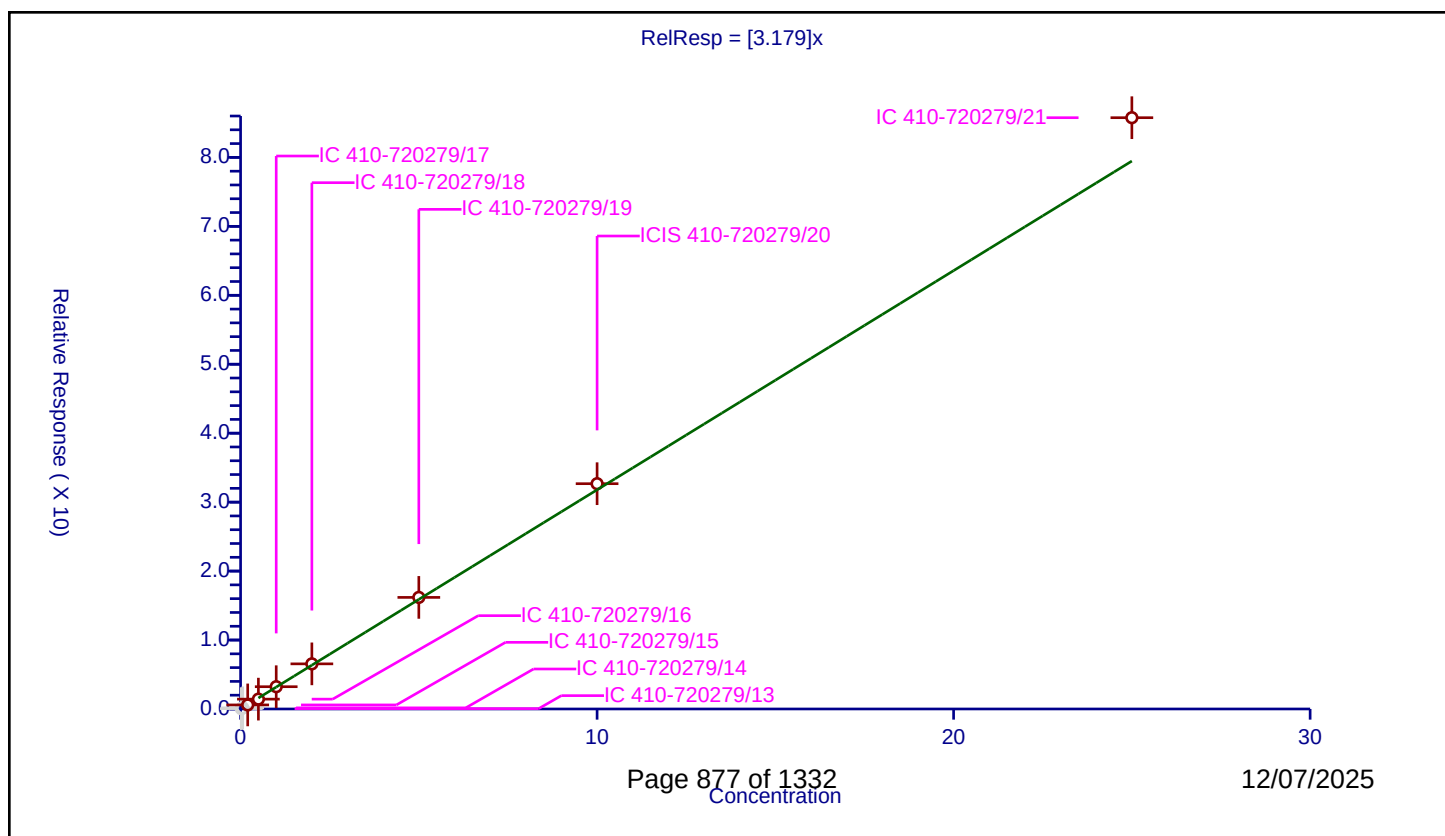
Curve Coefficients

Intercept: 0
Slope: 3.179

Error Coefficients

Relative Standard Deviation: 6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.051537	10.0	737722.0	2.576851	N
2	IC 410-720279/14	0.06	0.163353	10.0	730322.0	2.722543	N
3	IC 410-720279/15	0.2	0.590353	10.0	742810.0	2.951764	Y
4	IC 410-720279/16	0.5	1.429384	10.0	748490.0	2.858769	Y
5	IC 410-720279/17	1.0	3.23262	10.0	749352.0	3.23262	Y
6	IC 410-720279/18	2.0	6.546935	10.0	765520.0	3.273468	Y
7	IC 410-720279/19	5.0	16.185235	10.0	799601.0	3.237047	Y
8	ICIS 410-720279/20	10.0	32.673275	10.0	813781.0	3.267327	Y
9	IC 410-720279/21	25.0	85.756897	10.0	852817.0	3.430276	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

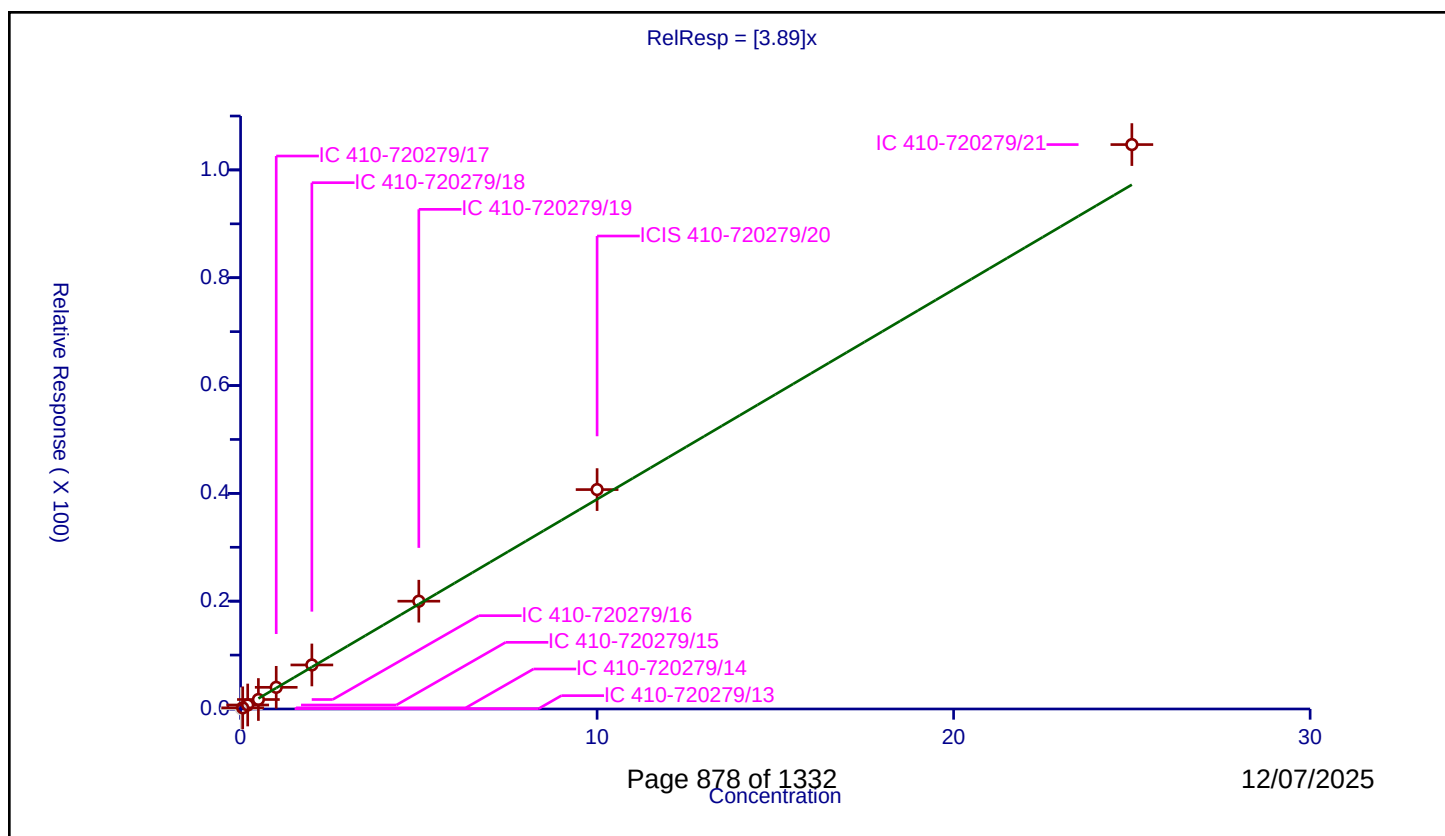
Curve Coefficients

Intercept: 0
Slope: 3.89

Error Coefficients

Relative Standard Deviation: 6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.062557	10.0	737722.0	3.127872	N
2	IC 410-720279/14	0.06	0.212797	10.0	730322.0	3.546609	Y
3	IC 410-720279/15	0.2	0.739557	10.0	742810.0	3.697783	Y
4	IC 410-720279/16	0.5	1.75985	10.0	748490.0	3.5197	Y
5	IC 410-720279/17	1.0	4.017324	10.0	749352.0	4.017324	Y
6	IC 410-720279/18	2.0	8.167677	10.0	765520.0	4.083838	Y
7	IC 410-720279/19	5.0	19.997236	10.0	799601.0	3.999447	Y
8	ICIS 410-720279/20	10.0	40.699611	10.0	813781.0	4.069961	Y
9	IC 410-720279/21	25.0	104.701595	10.0	852817.0	4.188064	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

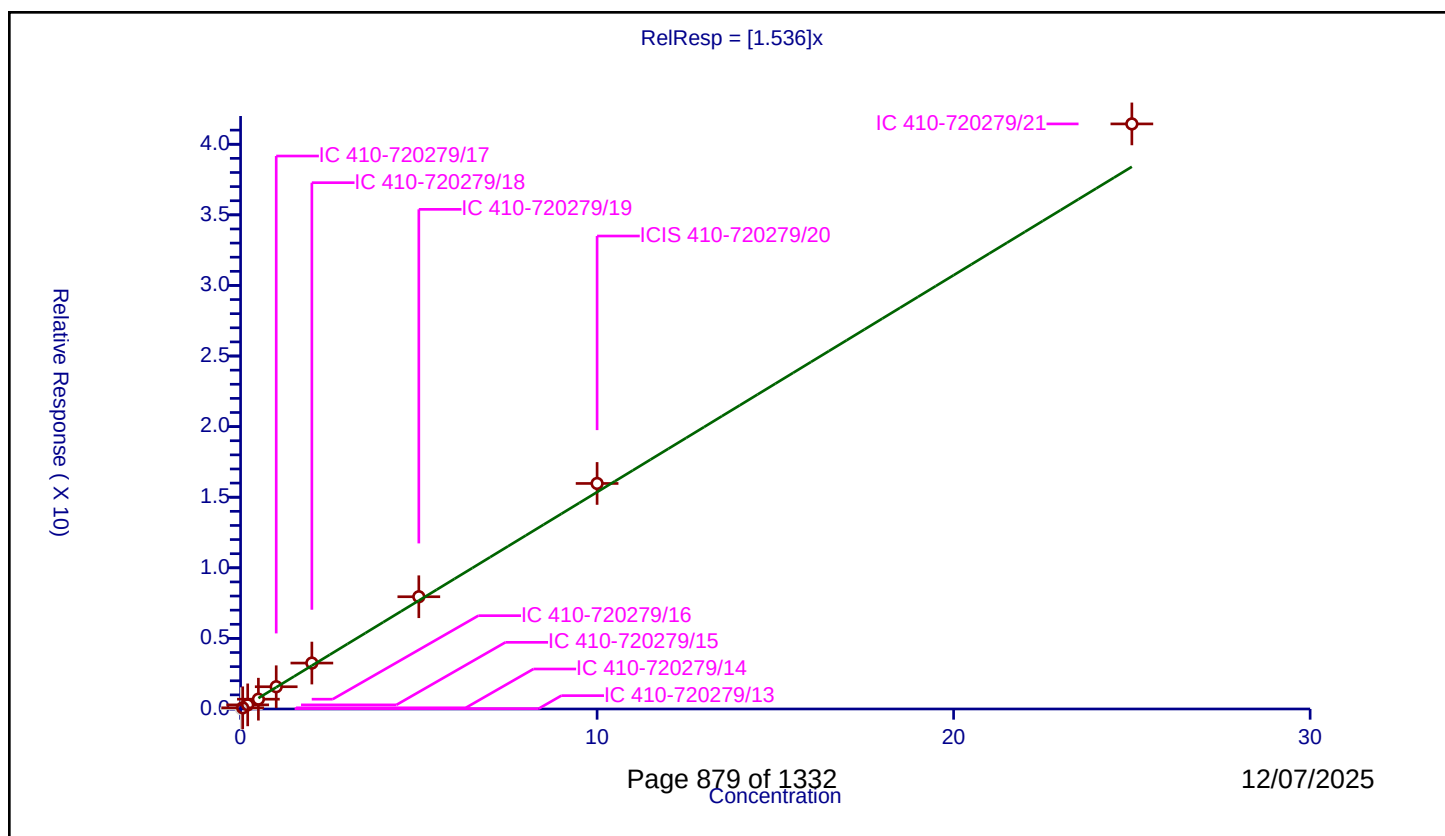
Curve Coefficients

Intercept: 0
Slope: 1.536

Error Coefficients

Relative Standard Deviation: 6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.025267	10.0	737722.0	1.263349	N
2	IC 410-720279/14	0.06	0.083552	10.0	730322.0	1.392536	Y
3	IC 410-720279/15	0.2	0.292659	10.0	742810.0	1.463295	Y
4	IC 410-720279/16	0.5	0.693343	10.0	748490.0	1.386685	Y
5	IC 410-720279/17	1.0	1.575801	10.0	749352.0	1.575801	Y
6	IC 410-720279/18	2.0	3.252639	10.0	765520.0	1.626319	Y
7	IC 410-720279/19	5.0	7.95009	10.0	799601.0	1.590018	Y
8	ICIS 410-720279/20	10.0	15.974802	10.0	813781.0	1.59748	Y
9	IC 410-720279/21	25.0	41.440766	10.0	852817.0	1.657631	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

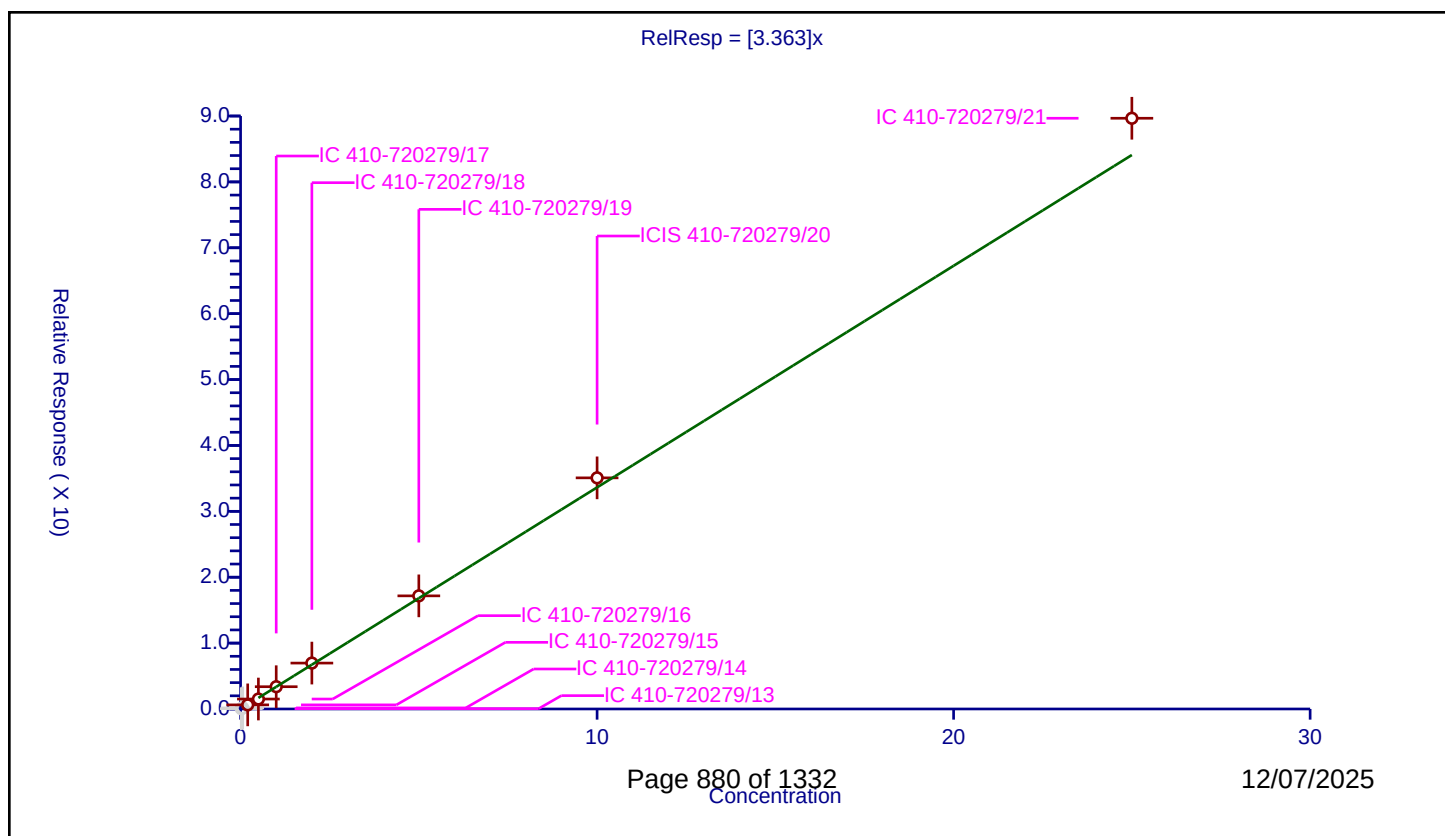
Curve Coefficients

Intercept: 0
Slope: 3.363

Error Coefficients

Relative Standard Deviation: 6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.050832	10.0	737722.0	2.541608	N
2	IC 410-720279/14	0.06	0.162983	10.0	730322.0	2.716382	N
3	IC 410-720279/15	0.2	0.625126	10.0	742810.0	3.125631	Y
4	IC 410-720279/16	0.5	1.511296	10.0	748490.0	3.022592	Y
5	IC 410-720279/17	1.0	3.381228	10.0	749352.0	3.381228	Y
6	IC 410-720279/18	2.0	6.969419	10.0	765520.0	3.48471	Y
7	IC 410-720279/19	5.0	17.172815	10.0	799601.0	3.434563	Y
8	ICIS 410-720279/20	10.0	35.07902	10.0	813781.0	3.507902	Y
9	IC 410-720279/21	25.0	89.658614	10.0	852817.0	3.586345	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

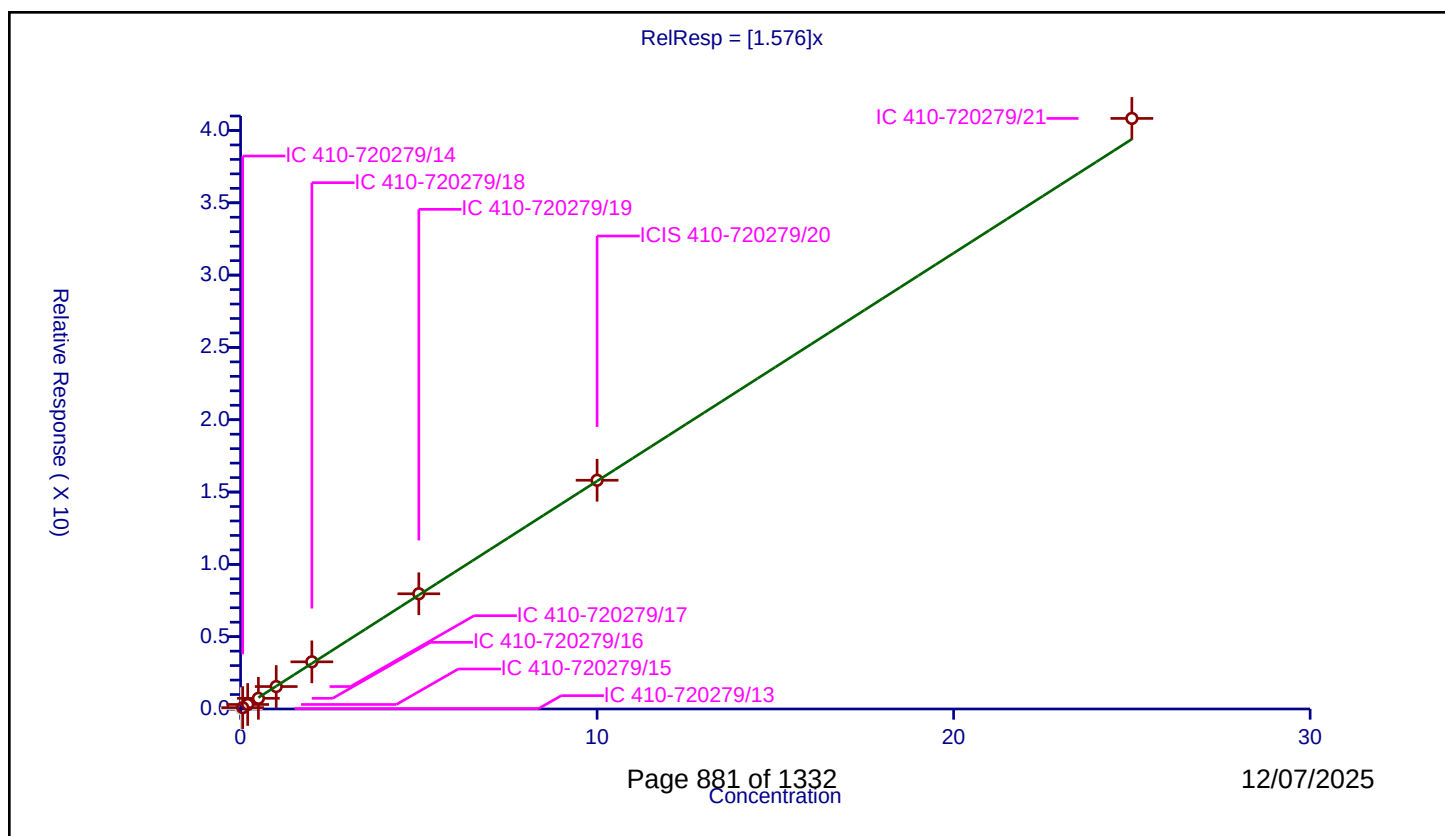
Curve Coefficients

Intercept: 0
Slope: 1.576

Error Coefficients

Relative Standard Deviation: 3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.02768	10.0	737722.0	1.38399	N
2	IC 410-720279/14	0.06	0.094876	10.0	730322.0	1.581266	Y
3	IC 410-720279/15	0.2	0.312072	10.0	742810.0	1.560359	Y
4	IC 410-720279/16	0.5	0.738233	10.0	748490.0	1.476466	Y
5	IC 410-720279/17	1.0	1.550833	10.0	749352.0	1.550833	Y
6	IC 410-720279/18	2.0	3.261195	10.0	765520.0	1.630598	Y
7	IC 410-720279/19	5.0	7.966286	10.0	799601.0	1.593257	Y
8	ICIS 410-720279/20	10.0	15.815447	10.0	813781.0	1.581545	Y
9	IC 410-720279/21	25.0	40.83393	10.0	852817.0	1.633357	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

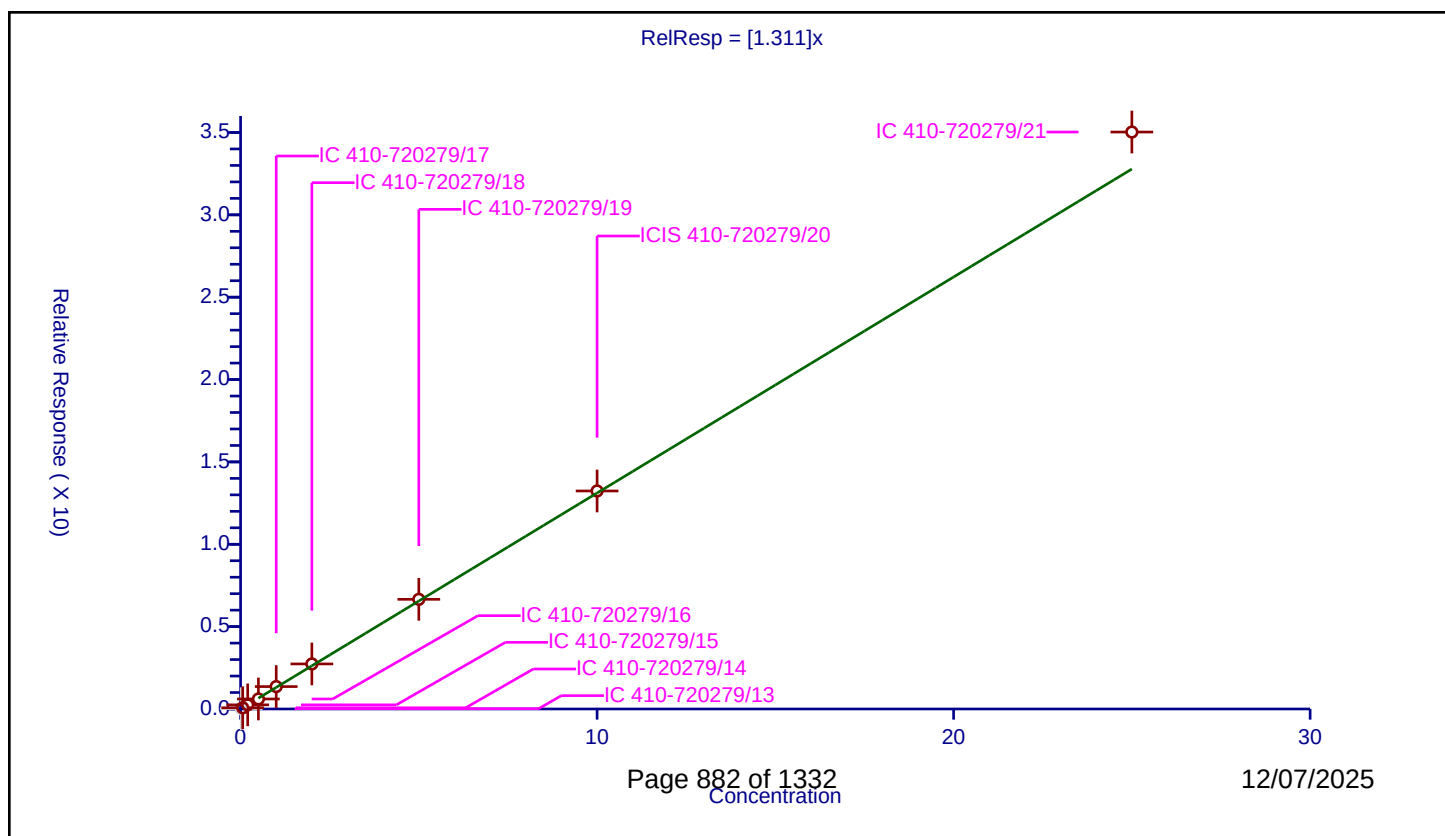
Curve Coefficients

Intercept: 0
Slope: 1.311

Error Coefficients

Relative Standard Deviation: 5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.020441	10.0	737722.0	1.022065	N
2	IC 410-720279/14	0.06	0.073995	10.0	730322.0	1.233246	Y
3	IC 410-720279/15	0.2	0.251289	10.0	742810.0	1.256445	Y
4	IC 410-720279/16	0.5	0.607904	10.0	748490.0	1.215808	Y
5	IC 410-720279/17	1.0	1.360562	10.0	749352.0	1.360562	Y
6	IC 410-720279/18	2.0	2.735801	10.0	765520.0	1.3679	Y
7	IC 410-720279/19	5.0	6.657796	10.0	799601.0	1.331559	Y
8	ICIS 410-720279/20	10.0	13.236559	10.0	813781.0	1.323656	Y
9	IC 410-720279/21	25.0	35.02687	10.0	852817.0	1.401075	Y



Calibration

/ Benzyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

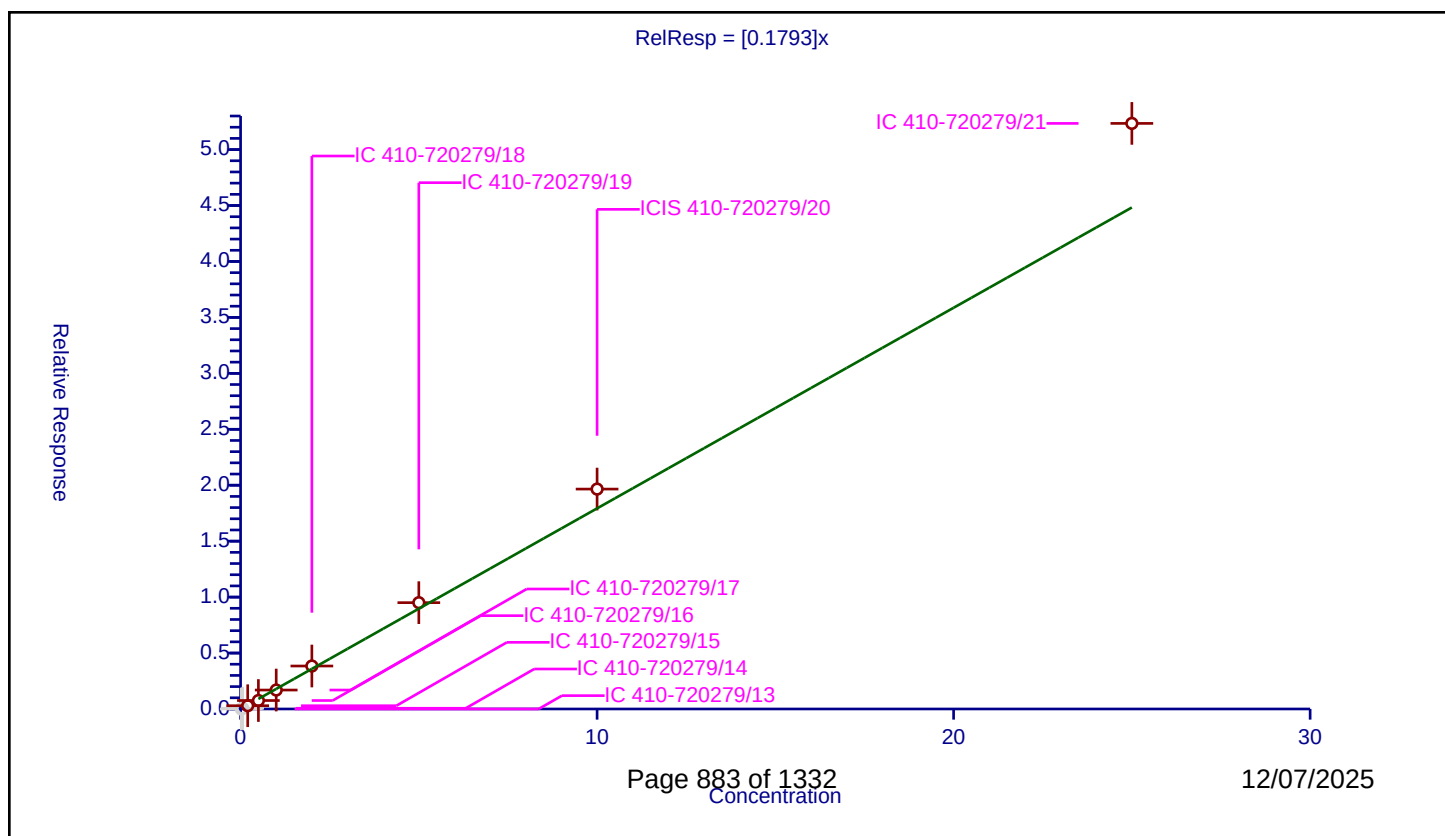
Curve Coefficients

Intercept: 0
 Slope: 0.1793

Error Coefficients

Relative Standard Deviation: 13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0	10.0	737722.0	0.0	N
2	IC 410-720279/14	0.06	0.006586	10.0	730322.0	0.109769	N
3	IC 410-720279/15	0.2	0.029308	10.0	742810.0	0.146538	Y
4	IC 410-720279/16	0.5	0.075592	10.0	748490.0	0.151184	Y
5	IC 410-720279/17	1.0	0.169333	10.0	749352.0	0.169333	Y
6	IC 410-720279/18	2.0	0.384092	10.0	765520.0	0.192046	Y
7	IC 410-720279/19	5.0	0.950399	10.0	799601.0	0.19008	Y
8	ICIS 410-720279/20	10.0	1.965517	10.0	813781.0	0.196552	Y
9	IC 410-720279/21	25.0	5.233878	10.0	852817.0	0.209355	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

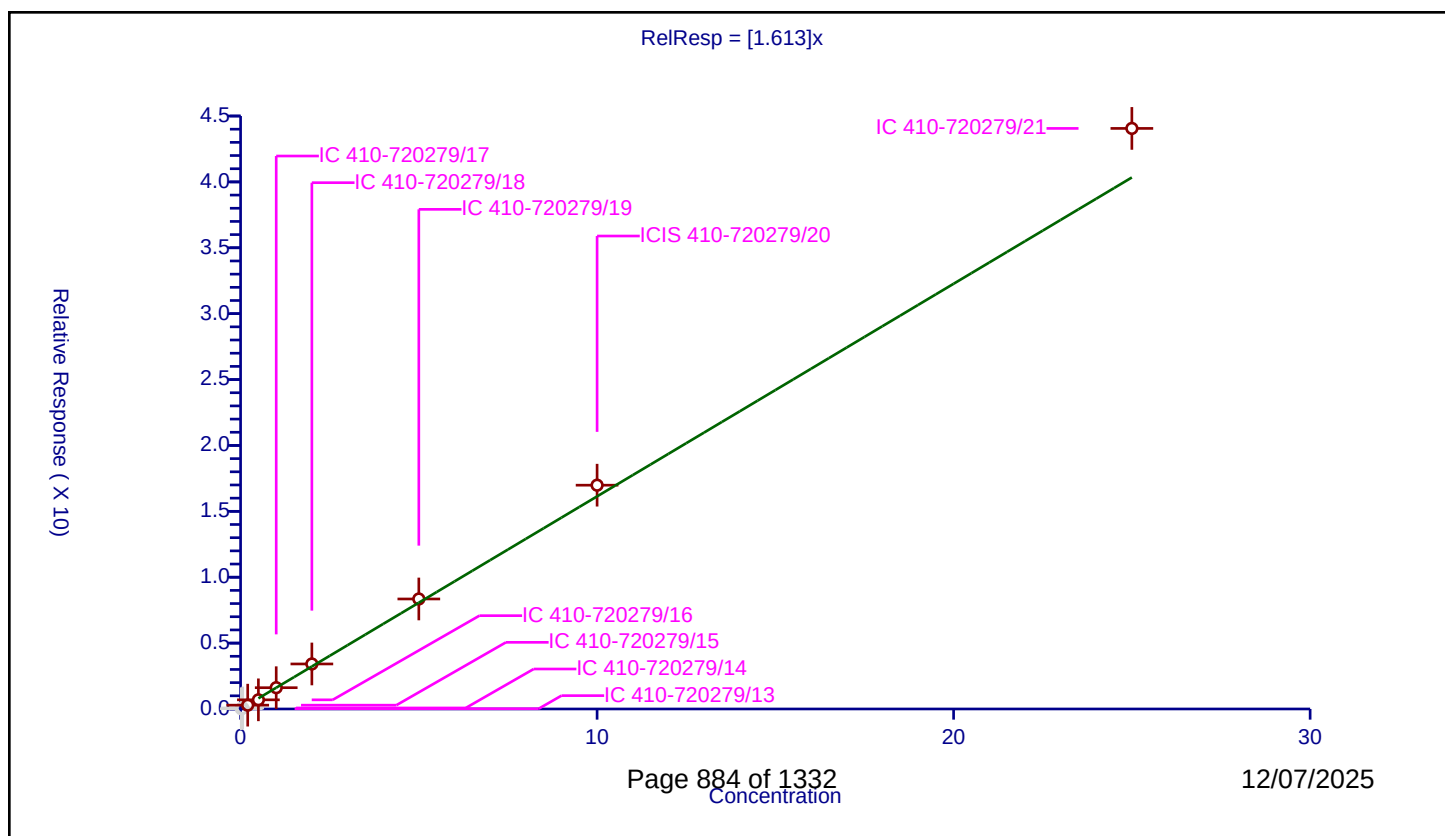
Curve Coefficients

Intercept: 0
Slope: 1.613

Error Coefficients

Relative Standard Deviation: 8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.020618	10.0	737722.0	1.030876	N
2	IC 410-720279/14	0.06	0.078472	10.0	730322.0	1.307871	N
3	IC 410-720279/15	0.2	0.289711	10.0	742810.0	1.448553	Y
4	IC 410-720279/16	0.5	0.69536	10.0	748490.0	1.39072	Y
5	IC 410-720279/17	1.0	1.615849	10.0	749352.0	1.615849	Y
6	IC 410-720279/18	2.0	3.417259	10.0	765520.0	1.708629	Y
7	IC 410-720279/19	5.0	8.348814	10.0	799601.0	1.669763	Y
8	ICIS 410-720279/20	10.0	16.983771	10.0	813781.0	1.698377	Y
9	IC 410-720279/21	25.0	44.059065	10.0	852817.0	1.762363	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

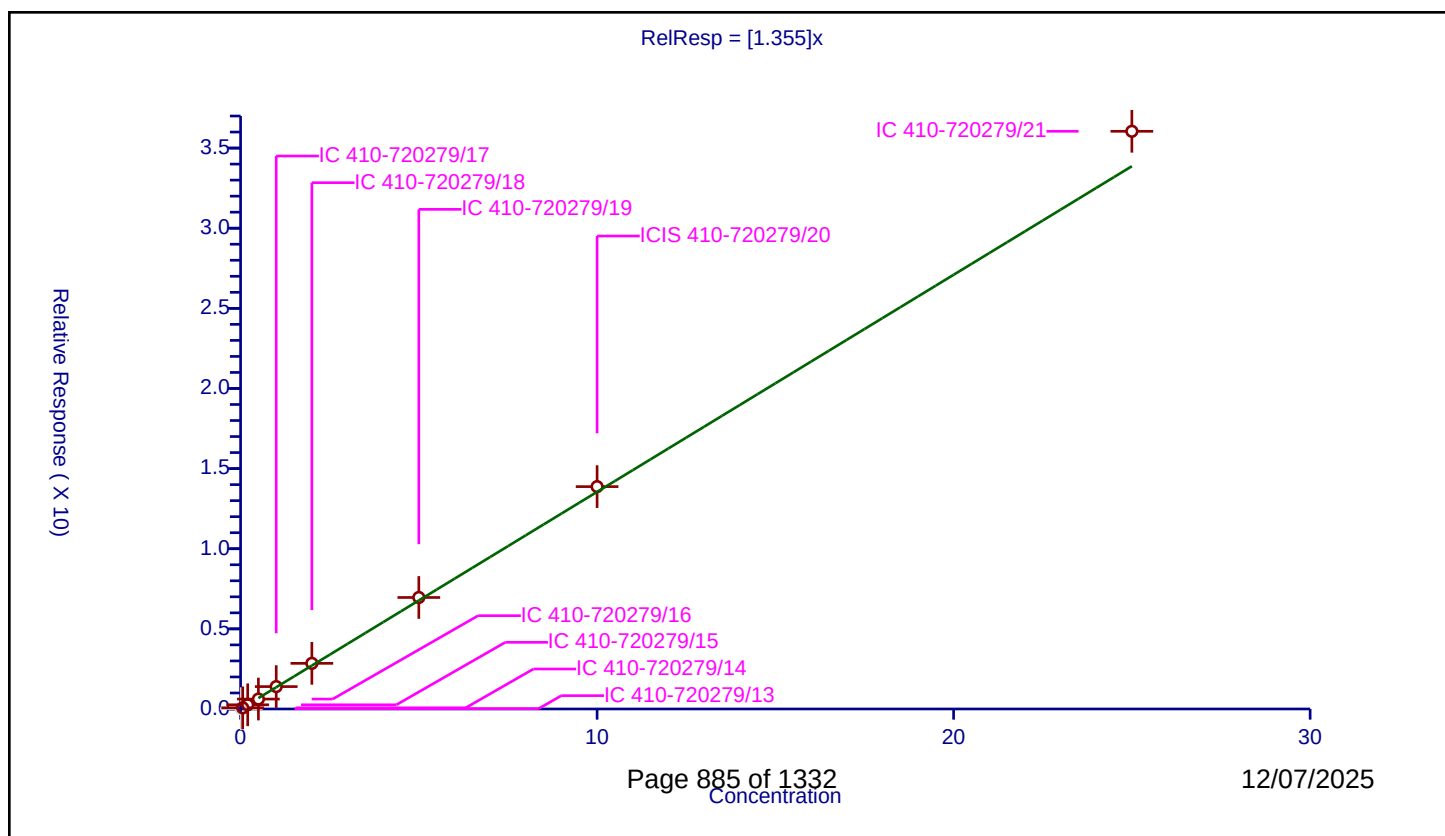
Curve Coefficients

Intercept: 0
Slope: 1.355

Error Coefficients

Relative Standard Deviation: 5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.02139	10.0	737722.0	1.069509	N
2	IC 410-720279/14	0.06	0.074734	10.0	730322.0	1.245569	Y
3	IC 410-720279/15	0.2	0.262517	10.0	742810.0	1.312583	Y
4	IC 410-720279/16	0.5	0.618966	10.0	748490.0	1.237932	Y
5	IC 410-720279/17	1.0	1.396393	10.0	749352.0	1.396393	Y
6	IC 410-720279/18	2.0	2.84809	10.0	765520.0	1.424045	Y
7	IC 410-720279/19	5.0	6.95712	10.0	799601.0	1.391424	Y
8	ICIS 410-720279/20	10.0	13.873954	10.0	813781.0	1.387395	Y
9	IC 410-720279/21	25.0	36.04662	10.0	852817.0	1.441865	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

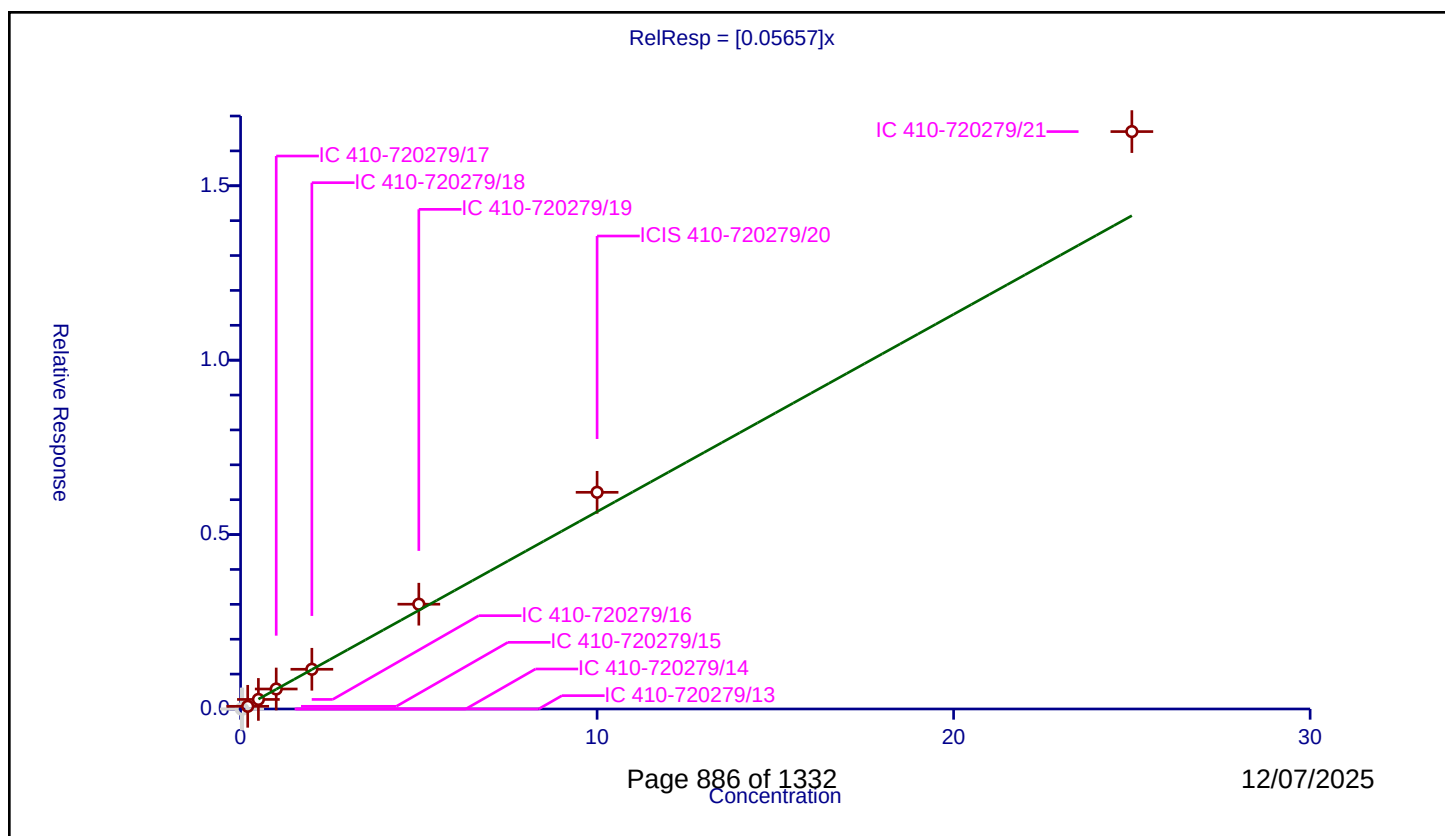
Curve Coefficients

Intercept: 0
Slope: 0.05657

Error Coefficients

Relative Standard Deviation: 15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.0	10.0	737722.0	0.0	N
2	IC 410-720279/14	0.06	0.0	10.0	730322.0	0.0	N
3	IC 410-720279/15	0.2	0.0077	10.0	742810.0	0.038502	Y
4	IC 410-720279/16	0.5	0.027442	10.0	748490.0	0.054884	Y
5	IC 410-720279/17	1.0	0.057263	10.0	749352.0	0.057263	Y
6	IC 410-720279/18	2.0	0.113883	10.0	765520.0	0.056942	Y
7	IC 410-720279/19	5.0	0.300425	10.0	799601.0	0.060085	Y
8	ICIS 410-720279/20	10.0	0.621236	10.0	813781.0	0.062124	Y
9	IC 410-720279/21	25.0	1.655326	10.0	852817.0	0.066213	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

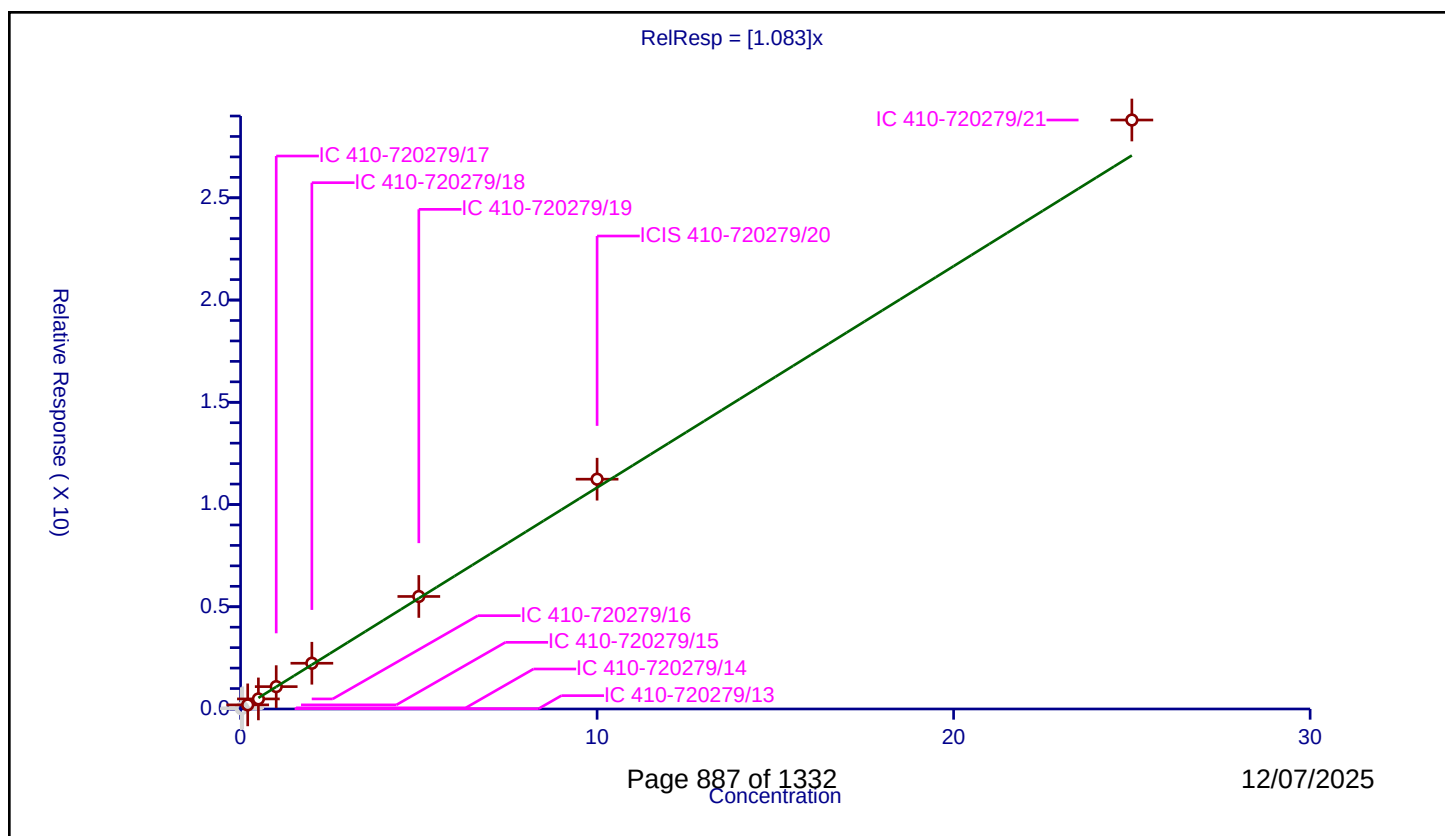
Curve Coefficients

Intercept: 0
Slope: 1.083

Error Coefficients

Relative Standard Deviation: 5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.016551	10.0	737722.0	0.827548	N
2	IC 410-720279/14	0.06	0.056742	10.0	730322.0	0.945702	N
3	IC 410-720279/15	0.2	0.201317	10.0	742810.0	1.006583	Y
4	IC 410-720279/16	0.5	0.491991	10.0	748490.0	0.983981	Y
5	IC 410-720279/17	1.0	1.093852	10.0	749352.0	1.093852	Y
6	IC 410-720279/18	2.0	2.237838	10.0	765520.0	1.118919	Y
7	IC 410-720279/19	5.0	5.502707	10.0	799601.0	1.100541	Y
8	ICIS 410-720279/20	10.0	11.238269	10.0	813781.0	1.123827	Y
9	IC 410-720279/21	25.0	28.80482	10.0	852817.0	1.152193	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

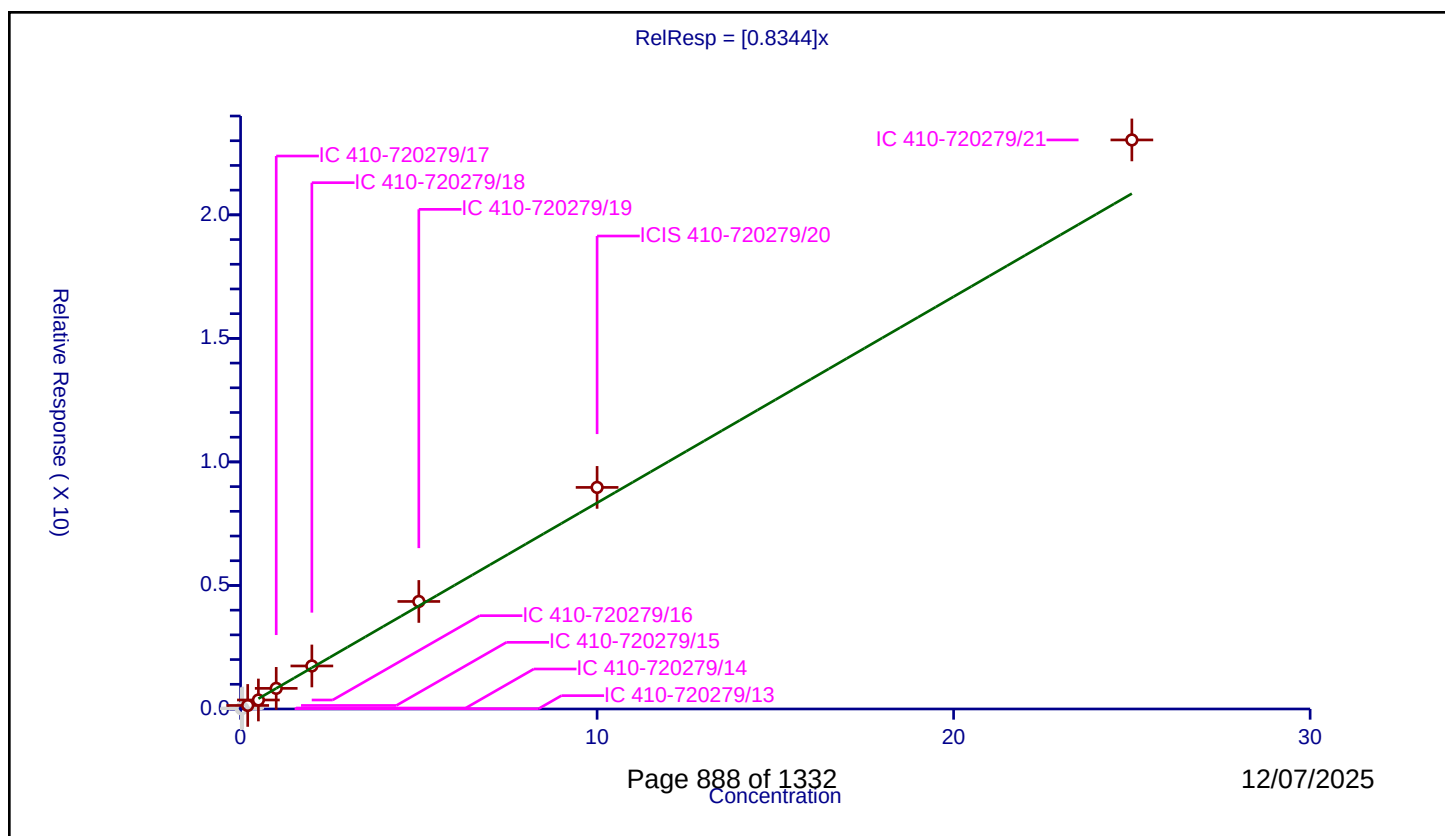
Curve Coefficients

Intercept: 0
Slope: 0.8344

Error Coefficients

Relative Standard Deviation: 9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.012796	10.0	737722.0	0.639807	N
2	IC 410-720279/14	0.06	0.039161	10.0	730322.0	0.65268	N
3	IC 410-720279/15	0.2	0.143415	10.0	742810.0	0.717074	Y
4	IC 410-720279/16	0.5	0.364547	10.0	748490.0	0.729095	Y
5	IC 410-720279/17	1.0	0.835041	10.0	749352.0	0.835041	Y
6	IC 410-720279/18	2.0	1.741823	10.0	765520.0	0.870911	Y
7	IC 410-720279/19	5.0	4.351833	10.0	799601.0	0.870367	Y
8	ICIS 410-720279/20	10.0	8.968494	10.0	813781.0	0.896849	Y
9	IC 410-720279/21	25.0	23.031459	10.0	852817.0	0.921258	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

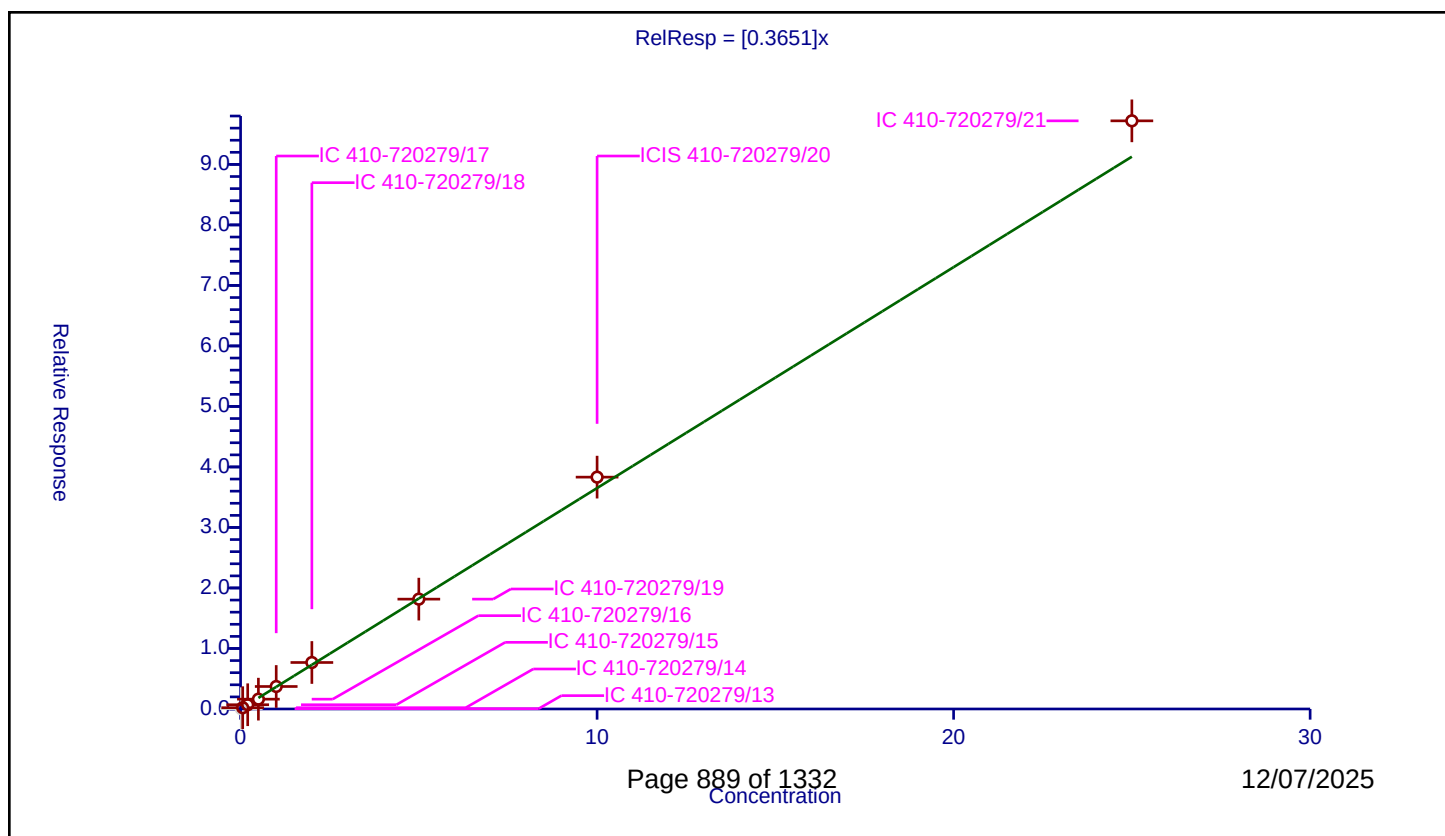
Curve Coefficients

Intercept: 0
Slope: 0.3651

Error Coefficients

Relative Standard Deviation: 5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.005192	10.0	737722.0	0.259583	N
2	IC 410-720279/14	0.06	0.021251	10.0	730322.0	0.354182	Y
3	IC 410-720279/15	0.2	0.07022	10.0	742810.0	0.351099	Y
4	IC 410-720279/16	0.5	0.162193	10.0	748490.0	0.324386	Y
5	IC 410-720279/17	1.0	0.371828	10.0	749352.0	0.371828	Y
6	IC 410-720279/18	2.0	0.768419	10.0	765520.0	0.384209	Y
7	IC 410-720279/19	5.0	1.815618	10.0	799601.0	0.363124	Y
8	ICIS 410-720279/20	10.0	3.831952	10.0	813781.0	0.383195	Y
9	IC 410-720279/21	25.0	9.720315	10.0	852817.0	0.388813	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

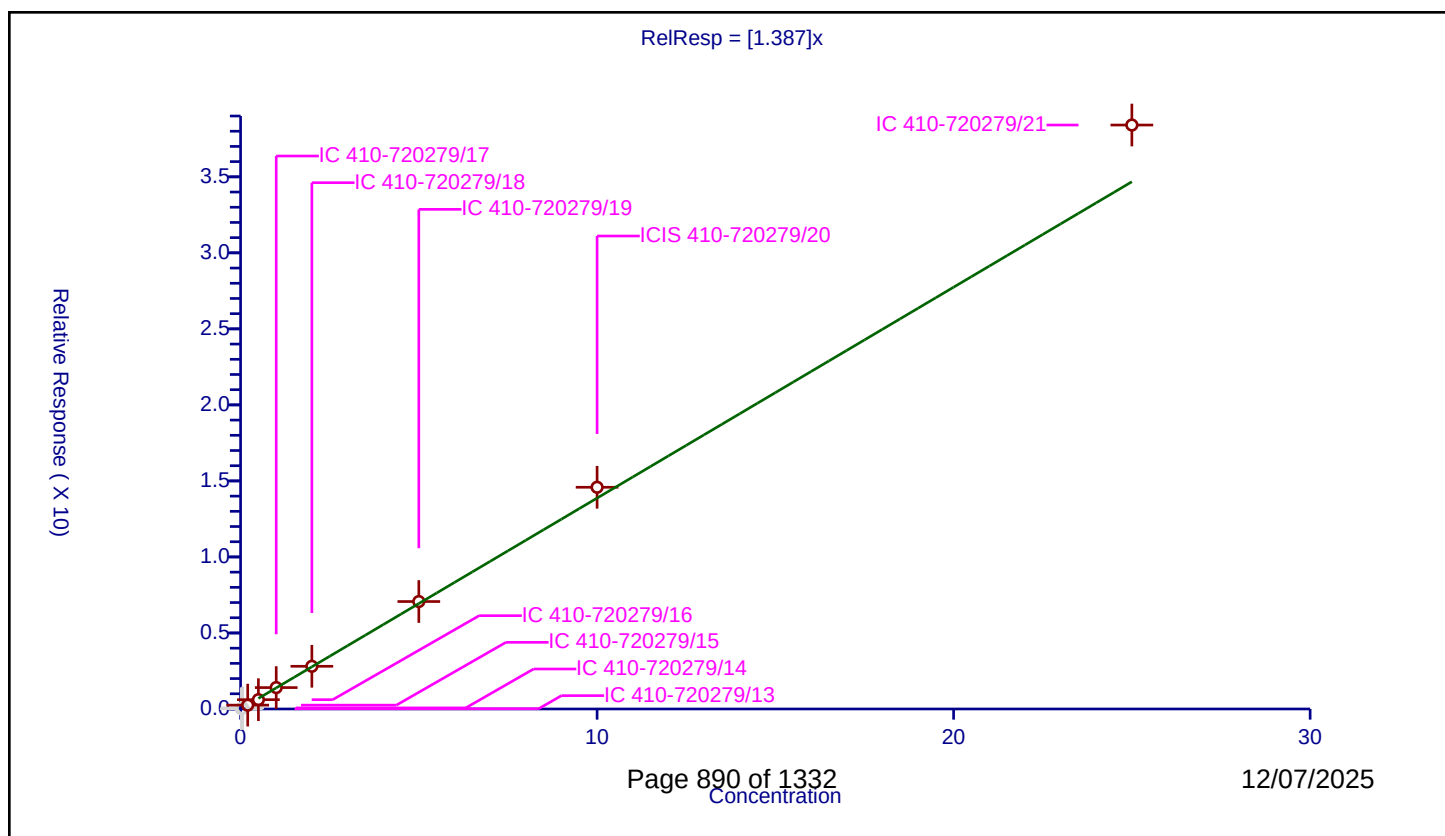
Curve Coefficients

Intercept: 0
Slope: 1.387

Error Coefficients

Relative Standard Deviation: 7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.018544	10.0	737722.0	0.927179	N
2	IC 410-720279/14	0.06	0.071106	10.0	730322.0	1.185094	N
3	IC 410-720279/15	0.2	0.252541	10.0	742810.0	1.262705	Y
4	IC 410-720279/16	0.5	0.612901	10.0	748490.0	1.225801	Y
5	IC 410-720279/17	1.0	1.408337	10.0	749352.0	1.408337	Y
6	IC 410-720279/18	2.0	2.808797	10.0	765520.0	1.404398	Y
7	IC 410-720279/19	5.0	7.067688	10.0	799601.0	1.413538	Y
8	ICIS 410-720279/20	10.0	14.582683	10.0	813781.0	1.458268	Y
9	IC 410-720279/21	25.0	38.407888	10.0	852817.0	1.536316	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

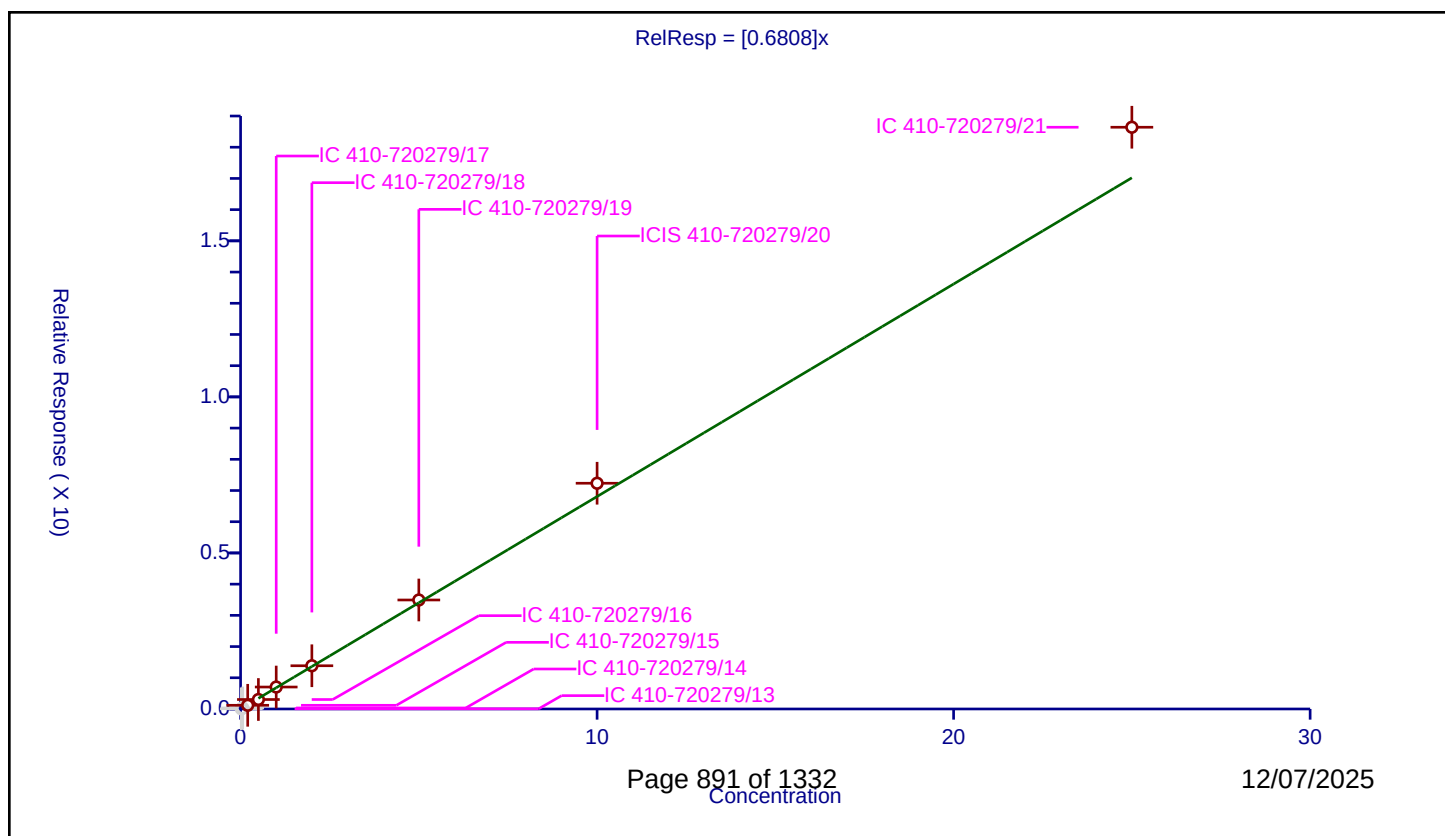
Curve Coefficients

Intercept: 0
Slope: 0.6808

Error Coefficients

Relative Standard Deviation: 8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-720279/13	0.02	0.006561	10.0	737722.0	0.328037	N
2	IC 410-720279/14	0.06	0.033314	10.0	730322.0	0.555235	N
3	IC 410-720279/15	0.2	0.118684	10.0	742810.0	0.593422	Y
4	IC 410-720279/16	0.5	0.303972	10.0	748490.0	0.607944	Y
5	IC 410-720279/17	1.0	0.703902	10.0	749352.0	0.703902	Y
6	IC 410-720279/18	2.0	1.385881	10.0	765520.0	0.692941	Y
7	IC 410-720279/19	5.0	3.492604	10.0	799601.0	0.698521	Y
8	ICIS 410-720279/20	10.0	7.233199	10.0	813781.0	0.72332	Y
9	IC 410-720279/21	25.0	18.640506	10.0	852817.0	0.74562	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 686919
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19930 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-686919/13	IG18X12.D
Level 2	IC 410-686919/27	IG18X13.D
Level 3	IC 410-686919/14	IG18X14.D
Level 4	IC 410-686919/15	IG18X15.D
Level 5	IC 410-686919/16	IG18X16.D
Level 6	IC 410-686919/17	IG18X17.D
Level 7	IC 410-686919/18	IG18X18.D
Level 8	ICIS 410-686919/19	IG18X19.D
Level 9	IC 410-686919/20	IG18X20.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	LVL 8	LVL 9													
Dichlorodifluoromethane	0.5013 0.5260	0.4278 0.4522	0.5072 0.5188	0.4705 0.4372	0.4316	Ave		0.474 7			0.1000	8.3		20.0			
Chloromethane	++++ 0.4587	0.6281 0.4047	0.5021 0.4552	0.4527 0.4267	0.3805	Ave		0.463 6			0.1000	16.4		20.0			
1,3-Butadiene	++++ 0.3950	++++ 0.3382	0.5256 0.3818	0.3839 0.3282	0.3573	Ave		0.387 1				17.0		20.0			
Vinyl chloride	0.3945 0.4546	0.4740 0.4126	0.4612 0.4706	0.4411 0.4251	0.3702	Ave		0.433 8			0.1000	8.3		20.0			
Bromomethane	0.4816 0.3600	0.4649 0.3306	0.4093 0.3932	0.3707 0.3859	0.3035	Ave		0.388 9			0.1000	14.8		20.0			
Chloroethane	0.3990 0.2596	0.3131 0.2351	0.2939 0.2790	0.2515 0.2708	0.2122	Ave		0.279 3			0.1000	19.3		20.0			
Dichlorofluoromethane	++++ 0.7133	1.0204 0.6492	0.8585 0.7596	0.6977 0.7378	0.5913	Ave		0.753 5			0.1000	17.7		20.0			
Trichlorofluoromethane	0.3623 0.7568	0.7345 0.6604	0.7485 0.7775	0.6798 0.7172	0.6138	Ave		0.672 3			0.1000	18.9		20.0			
Ethyl ether	0.1068 0.2273	0.2064 0.1948	0.2016 0.2325	0.2026 0.2117	0.1746	Ave		0.195 4				19.1		20.0			
Freon 123a	0.1832 0.3467	0.4087 0.3072	0.3877 0.3594	0.3312 0.3144	0.2860	Ave		0.325 0				20.3	*	20.0			
Acrolein	2.2298 2.3302	2.3437 1.9333	1.9583 2.4286	1.8614 2.1902	1.9305	Ave		2.134 0				10.1		20.0			
1,1-Dichloroethene	0.2175 0.3019	0.3288 0.2484	0.2991 0.2984	0.3013 0.2619	0.2506	Ave		0.278 7			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.: 410-254861-1 Analy Batch No.: 686919
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19930 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acetone	+++++ 2.5667	+++++ 2.1359	+++++ 2.7226	2.2943 2.2495	2.1619	Ave		2.355 1			0.1000	10.0		20.0			
Freon 113	0.2059 0.3248	0.1945 0.2632	0.2757 0.3184	0.2926 0.2684	0.2822	Ave		0.269 5			0.1000	16.5		20.0			
Methyl iodide	0.6464 0.6868	0.6801 0.5778	0.6744 0.6975	0.6687 0.6153	0.5799	Ave		0.647 4				7.1		20.0			
Ethyl bromide	+++++ 0.2826	0.3029 0.2403	0.2687 0.2831	0.2668 0.2509	0.2244	Ave		0.265 0				9.6		20.0			
Carbon disulfide	0.9922 0.8000	0.9233 0.6672	0.8321 0.8024	0.7955 0.7089	0.6778	Ave		0.799 9			0.1000	13.6		20.0			
Methyl acetate	+++++ 5.7275	+++++ 5.7200	+++++ 7.6397	4.8625 6.5744	4.8939	Ave		5.903 0			0.1000	18.0		20.0			
Allyl chloride	+++++ 0.3945	0.5490 0.3289	0.4196 0.4024	0.3721 0.3803	0.3332	Ave		0.397 5				17.3		20.0			
Methylene Chloride	0.2984 0.3220	0.2747 0.2704	0.3142 0.3315	0.3204 0.2989	0.2727	Ave		0.300 4			0.1000	7.8		20.0			
t-Butyl alcohol	+++++ 1.1426	0.7663 0.8851	0.8883 1.1581	1.0637 0.8434	0.9361	Ave		0.960 4				15.0		20.0			
Acrylonitrile	+++++ 3.5452	+++++ 2.9218	+++++ 3.7445	+++++ 3.0688	2.4978	Ave		3.155 6				15.8		20.0			
Methyl tert-butyl ether	0.7410 0.8331	0.7782 0.7141	0.8280 0.8772	0.7858 0.7916	0.6963	Ave		0.782 8			0.1000	7.5		20.0			
trans-1,2-Dichloroethene	0.4133 0.3427	0.3498 0.2851	0.3287 0.3493	0.3304 0.3127	0.2928	Ave		0.333 9			0.1000	11.3		20.0			
n-Hexane	0.4351 0.4155	0.3119 0.3262	0.3704 0.4006	0.3816 0.3444	0.3466	Ave		0.370 3				11.3		20.0			
1,1-Dichloroethane	0.5213 0.5625	0.6027 0.4758	0.5272 0.5761	0.5337 0.5130	0.4701	Ave		0.531 4			0.2000	8.2		20.0			
di-Isopropyl ether	0.7081 0.8386	0.9119 0.7190	0.8359 0.8879	0.8172 0.8107	0.7081	Ave		0.804 1				9.5		20.0			
2-Chloro-1,3-butadiene	0.2898 0.4464	0.3544 0.3760	0.4423 0.4608	0.4398 0.4179	0.3718	Ave		0.399 9				14.0		20.0			
Ethyl t-butyl ether	0.7604 0.8749	0.8877 0.7511	0.8580 0.9279	0.8673 0.8316	0.7528	Ave		0.834 6				7.8		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.: 410-254861-1 Analy Batch No.: 686919
 Environment Testing, LLC

SDG No.: _____

Instrument ID: 19930 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Butanone (MEK)	+++++ 4.5490	+++++ 3.9680	3.9065 4.9882	3.9802 4.2191	3.4170	Ave		4.146 9			0.1000	12.2		20.0			
cis-1,2-Dichloroethene	0.3990 0.3944	0.3810 0.3277	0.3698 0.3987	0.3679 0.3614	0.3234	Ave		0.369 2			0.1000	7.7		20.0			
2,2-Dichloropropane	+++++ 0.5307	0.6072 0.4442	0.5998 0.5292	0.5240 0.4755	0.4597	Ave		0.521 3				11.6		20.0			
Propionitrile	+++++ 1.1971	+++++ 1.0795	+++++ 1.4119	0.9282 1.1705	0.9688	Ave		1.126 0				15.6		20.0			
Methacrylonitrile	+++++ 5.1988	3.6333 4.2956	3.4690 5.3263	4.0117 4.6338	4.1172	Ave		4.335 7				15.6		20.0			
Bromochloromethane	+++++ 0.1987	0.1471 0.1694	0.1989 0.2032	0.1881 0.1783	0.1664	Ave		0.181 3				10.8		20.0			
Tetrahydrofuran	+++++ 1.6761	+++++ 1.4134	1.3885 1.7081	1.6005 1.4274	1.3393	Ave		1.507 6				10.0		20.0			
Chloroform	0.7475 0.6184	0.5990 0.5198	0.5927 0.6332	0.6008 0.5696	0.5268	Ave		0.600 9			0.2000	11.2		20.0			
1,1,1-Trichloroethane	0.6461 0.6004	0.6607 0.4994	0.6065 0.6011	0.5878 0.5297	0.5032	Ave		0.581 7			0.1000	10.1		20.0			
Cyclohexane	0.6517 0.4954	0.4259 0.4023	0.4718 0.4885	0.4952 0.4232	0.4229	Ave		0.475 2			0.1000	15.8		20.0			
Carbon tetrachloride	0.4864 0.5736	0.5175 0.4833	0.5536 0.5860	0.5341 0.5080	0.4811	Ave		0.524 8			0.1000	7.5		20.0			
1,1-Dichloropropene	0.4249 0.4653	0.4389 0.3841	0.4687 0.4656	0.4462 0.4144	0.3906	Ave		0.433 2				7.4		20.0			
Isobutyl alcohol	+++++ 0.3224	+++++ 0.2724	0.3437 0.3546	0.3457 0.2870	0.2608	Ave		0.312 4				12.3		20.0			
Benzene	1.5610 1.3367	1.5185 1.1256	1.3610 1.3723	1.3225 1.2476	1.1373	Ave		1.331 4			0.5000	11.2		20.0			
1,2-Dichloroethane	0.3142 0.3612	0.4107 0.3126	0.3621 0.3901	0.3495 0.3504	0.3065	Ave		0.350 8			0.1000	10.1		20.0			
t-Amyl methyl ether	1.0313 0.8836	0.8854 0.7481	0.8467 0.9271	0.8666 0.8286	0.7378	Ave		0.861 7				10.4		20.0			
n-Heptane	+++++ 0.3872	0.4697 0.3102	0.2985 0.3902	0.3531 0.3332	0.3183	Ave		0.357 6				15.8		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.: 410-254861-1 Analy Batch No.: 686919
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19930 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
n-Butanol	+++++ 0.2665	+++++ 0.2446	+++++ 0.3211	0.1639 0.2804	0.1898	Qua	-14.9 2	0.344 3	-0.000026						0.9970		0.9900
Trichloroethene	0.3900 0.3874	0.3932 0.3304	0.3874 0.3991	0.3841 0.3588	0.3271	Ave		0.373 n			0.2000	7.4		20.0			
Methylcyclohexane	0.6702 0.6262	0.4979 0.5079	0.5327 0.6131	0.5705 0.5255	0.5318	Ave		0.564 n			0.1000	10.6		20.0			
1,2-Dichloropropane	0.2229 0.3338	0.3807 0.2743	0.3213 0.3405	0.3253 0.3196	0.2783	Ave		0.310 7			0.1000	14.8		20.0			
1,4-Dioxane	+++++ 0.0826	+++++ 0.0686	+++++ 0.0828	0.0511 0.0706	0.0553	Ave		0.068 5			0.0050	19.4		20.0			
Methyl methacrylate	+++++ 10.089	+++++ 8.6879	+++++ 10.584	6.1474 9.3302	7.8857	Ave		8.787 4				18.4		20.0			
Dibromomethane	+++++ 0.1888	0.1497 0.1576	0.1704 0.1984	0.1796 0.1746	0.1544	Ave		0.171 7				10.0		20.0			
Bromodichloromethane	0.3751 0.4638	0.4493 0.3973	0.4437 0.4790	0.4457 0.4406	0.3878	Ave		0.431 4			0.2000	8.3		20.0			
2-Nitropropane	+++++ 3.4477	+++++ 2.8850	3.7335 3.5582	2.9891 3.0657	2.8604	Ave		3.219 9				11.0		20.0			
1-Bromo-2-chloroethane	+++++ 0.3314	0.2324 0.2821	0.2884 0.3329	0.2929 0.3025	0.2516	Ave		0.289 3				12.1		20.0			
cis-1,3-Dichloropropene	0.2745 0.5294	0.3627 0.4559	0.4842 0.5626	0.4738 0.5144	0.4356	Ave		0.454 8			0.2000	19.6		20.0			
4-Methyl-2-pentanone (MIBK)	10.124 12.591	10.928 10.913	10.085 13.682	10.645 12.060	10.186	Ave		11.24 6			0.1000	11.2		20.0			
Toluene	1.1614 1.1099	1.1689 0.9394	1.1009 1.1597	1.1360 1.0289	0.9539	Ave		1.084 3			0.4000	8.2		20.0			
trans-1,3-Dichloropropene	+++++ 0.5304	0.4308 0.4719	0.4187 0.5913	0.4857 0.5280	0.4396	Ave		0.487 n			0.1000	12.2		20.0			
Ethyl methacrylate	+++++ 0.4336	+++++ 0.3613	0.3400 0.4694	0.3985 0.4146	0.3475	Ave		0.395 n				12.2		20.0			
1,1,2-Trichloroethane	0.2912 0.3279	0.3575 0.2868	0.3545 0.3484	0.3209 0.3038	0.2879	Ave		0.319 9			0.1000	9.0		20.0			
Tetrachloroethene	0.7589 0.7163	0.6601 0.5771	0.6724 0.7093	0.6751 0.5996	0.5854	Ave		0.661 6			0.2000	9.5		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.: 410-254861-1 Analy Batch No.: 686919
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19930 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,3-Dichloropropane	0.2511 0.5442	0.4986 0.4465	0.4854 0.5537	0.4895 0.4855	0.4504	Ave		0.467 2				19.0		20.0			
2-Hexanone	++++ 8.9340	5.9926 7.8574	7.0580 9.7301	7.1578 8.6833	6.9075	Ave		7.790 1			0.1000	16.0		20.0			
Dibromochloromethane	0.5125 0.5071	0.4370 0.4299	0.4613 0.5365	0.4796 0.4640	0.4123	Ave		0.471 1				8.8		20.0			
1,2-Dibromoethane (EDB)	0.1726 0.3359	0.2730 0.2889	0.2943 0.3557	0.3050 0.3054	0.2714	Ave		0.289 1			0.1000	17.8		20.0			
1-Chlorohexane	++++ 0.6265	++++ 0.5154	0.6754 0.6354	0.6453 0.5668	0.5064	Ave		0.595 9				11.2		20.0			
Chlorobenzene	1.4354 1.3921	1.4166 1.1664	1.3305 1.4310	1.3393 1.2861	1.1766	Ave		1.330 4			0.5000	7.7		20.0			
1,1,1,2-Tetrachloroethane	0.4337 0.5320	0.5097 0.4455	0.4934 0.5444	0.5070 0.4893	0.4444	Ave		0.488 8				8.1		20.0			
Ethylbenzene	2.3633 2.2075	2.2057 1.8444	2.2482 2.2862	2.1423 2.0655	1.8296	Ave		2.132 5			0.1000	8.8		20.0			
m&p-Xylene	0.9285 0.9475	0.8949 0.7918	0.9208 0.9656	0.9141 0.8602	0.7843	Ave		0.889 7			0.1000	7.3		20.0			
o-Xylene	0.8642 0.9220	0.8950 0.7697	0.8682 0.9327	0.8975 0.8429	0.7654	Ave		0.862 0			0.3000	7.0		20.0			
Styrene	1.0124 1.4552	1.3708 1.2435	1.2620 1.5447	1.4191 1.4261	1.1829	Ave		1.324 1			0.3000	12.4		20.0			
Bromoform	0.4713 0.3491	0.3733 0.2975	0.3363 0.3726	0.3197 0.3107	0.2790	Ave		0.345 5			0.1000	16.5		20.0			
Isopropylbenzene	2.6262 2.3684	2.3668 1.9948	2.2381 2.4449	2.3086 2.1529	2.0055	Ave		2.278 5			0.1000	9.0		20.0			
1,1,2,2-Tetrachloroethane	++++ 0.6653	++++ 0.5670	0.6317 0.7409	0.6406 0.6678	0.5320	Ave		0.635 1			0.3000	10.9		20.0			
Bromobenzene	0.9624 1.0806	0.9691 0.9127	1.0573 1.1776	0.9964 1.0181	0.8789	Ave		1.005 9				9.0		20.0			
trans-1,4-Dichloro-2-butene	++++ 4.8459	4.1998 4.2616	3.6836 5.5192	4.2331 5.3521	4.0802	Ave		4.521 9				14.3		20.0			
1,2,3-Trichloropropane	++++ 0.2113	0.2176 0.1751	0.1919 0.2265	0.1944 0.1927	0.1709	Ave		0.197 5				9.9		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.: 410-254861-1 Analy Batch No.: 686919
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19930 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
N-Propylbenzene	4.3991 4.0646	3.9793 3.4865	3.5691 4.4921	3.7957 3.9607	3.2146	Ave		3.884 6				10.8		20.0			
2-Chlorotoluene	0.7287 0.9614	0.8602 0.8182	0.9018 1.0165	0.9548 0.8896	0.8087	Ave		0.882 2				10.1		20.0			
1,3,5-Trimethylbenzene	3.2877 3.1894	3.3617 2.6783	2.9865 3.4260	3.0823 3.1001	2.5894	Ave		3.077 9				9.4		20.0			
4-Chlorotoluene	0.7083 1.0008	0.9476 0.8453	0.8893 1.0570	0.9487 0.9292	0.8346	Ave		0.906 8				11.3		20.0			
tert-Butylbenzene	0.6058 0.8291	0.8328 0.6893	0.7906 0.8697	0.7916 0.7589	0.6792	Ave		0.760 8				11.3		20.0			
Pentachloroethane	++++ 0.6826	0.6027 0.5922	0.5733 0.7211	0.5930 0.6334	0.5029	Ave		0.612 6				11.0		20.0			
1,2,4-Trimethylbenzene	3.7451 3.3030	3.4432 2.7677	3.0524 3.5842	3.1706 3.2205	2.6864	Ave		3.219 2				10.9		20.0			
sec-Butylbenzene	4.7103 4.1742	4.2745 3.5227	3.9460 4.4871	4.0799 3.9333	3.4214	Ave		4.061 0				10.3		20.0			
1,3-Dichlorobenzene	1.7161 2.0107	1.7791 1.7041	1.7434 2.1702	1.8716 1.9459	1.6275	Ave		1.841 0			0.6000	9.5		20.0			
p-Isopropyltoluene	3.8409 3.7761	3.7837 3.1972	3.3749 4.1179	3.5765 3.6714	3.0700	Ave		3.601 0				9.3		20.0			
1,4-Dichlorobenzene	2.4914 2.0646	2.1096 1.7477	2.0246 2.1703	2.0363 1.9460	1.7608	Ave		2.039 0			0.5000	10.9		20.0			
1,2,3-Trimethylbenzene	1.5195 1.4984	1.6341 1.2601	1.4337 1.5839	1.5181 1.4607	1.2298	Ave		1.459 8				9.3		20.0			
Benzyl chloride	++++ 0.3190	0.2805 0.2807	0.2486 0.3581	0.2722 0.3068	0.2440	Ave		0.288 7				13.1		20.0			
n-Butylbenzene	1.2781 1.6173	1.6281 1.3738	1.4843 1.8216	1.4718 1.7769	1.3114	Ave		1.529 3				12.8		20.0			
1,2-Dichlorobenzene	1.4110 1.8898	1.6273 1.5405	1.7538 1.9372	1.8342 1.7913	1.5556	Ave		1.704 5			0.4000	10.5		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.1344	0.0846 0.1184	0.1247 0.1542	0.1204 0.1275	0.1112	Ave		0.121 9			0.0500	16.3		20.0			
1,3,5-Trichlorobenzene	1.1612 1.6760	1.3668 1.3956	1.4728 1.8411	1.5307 1.6477	1.3407	Ave		1.492 5				13.8		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.: 410-254861-1 Analy Batch No.: 686919
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19930 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2,4-Trichlorobenzene	1.0090 1.4465	1.0812 1.2217	1.1280 1.6640	1.2802 1.4657	1.1473	Ave		1.271 5			0.2000	16.8		20.0			
Hexachlorobutadiene	0.7265 0.7141	0.6584 0.6085	0.6610 0.8204	0.6533 0.7223	0.5895	Ave		0.683 8				10.3		20.0			
Naphthalene	1.8507 2.6047	2.3671 2.2672	2.2548 3.0054	2.3400 2.5535	2.1061	Ave		2.372 2				13.8		20.0			
1,2,3-Trichlorobenzene	0.9425 1.3197	1.1248 1.1014	1.1082 1.4545	1.1443 1.2878	1.0186	Ave		1.166 9				13.7		20.0			
Dibromofluoromethane (Surr)	0.2743 0.2718	0.2721 0.2736	0.2719 0.2699	0.2725 0.2716	0.2733	Ave		0.272 3				0.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.0552 0.0548	0.0546 0.0549	0.0560 0.0550	0.0553 0.0559	0.0542	Ave		0.055 1				1.1		20.0			
Toluene-d8 (Surr)	1.2538 1.2668	1.2552 1.2506	1.2704 1.2616	1.2782 1.2363	1.2535	Ave		1.258 5				1.0		20.0			
4-Bromofluorobenzene (Surr)	0.4661 0.4516	0.4555 0.4584	0.4615 0.4525	0.4590 0.4397	0.4595	Ave		0.456 0				1.7		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

Analy Batch No.: 686919

SDG No.:

Instrument ID: 19930 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-686919/13	IG18X12.D
Level 2	IC 410-686919/27	IG18X13.D
Level 3	IC 410-686919/14	IG18X14.D
Level 4	IC 410-686919/15	IG18X15.D
Level 5	IC 410-686919/16	IG18X16.D
Level 6	IC 410-686919/17	IG18X17.D
Level 7	IC 410-686919/18	IG18X18.D
Level 8	ICIS 410-686919/19	IG18X19.D
Level 9	IC 410-686919/20	IG18X20.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	FB	Ave	1680 161060	3856 388397	17378 764592	37458 1832651	77436	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Chloromethane	FB	Ave	++++ 140452	5661 347551	17202 670820	36038 1788743	68274	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,3-Butadiene	FB	Ave	++++ 120946	++++ 290486	18008 562651	30563 1375728	64112	++++ 2.00	++++ 5.00	0.200 10.0	0.500 25.0	1.00
Vinyl chloride	FB	Ave	1322 139185	4272 354352	15802 693549	35116 1781980	66423	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Bromomethane	FB	Ave	1614 110217	4190 283966	14024 579541	29507 1617928	54451	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Chloroethane	FB	Ave	1337 79495	2822 201899	10068 411205	20019 1135384	38069	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Dichlorofluoromethane	FB	Ave	++++ 218392	9197 557588	29412 1119434	55542 3092859	106082	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Trichlorofluoromethane	FB	Ave	1214 231729	6620 567179	25644 1145810	54116 3006747	110126	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Ethyl ether	FB	Ave	358 69628	1861 167381	6908 342779	16134 887853	31344	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Freon 123a	FB	Ave	614 106153	3684 263852	13284 529709	26365 1318203	51306	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Acrolein	TBAd1 0	Ave	6203 556490	16087 1331766	57478 2924941	121374 7910115	271595	0.976 97.6	2.93 244	9.76 488	24.4 1220	48.8
1,1-Dichloroethene	FB	Ave	729 92441	2964 213365	10249 439768	23986 1098134	44959	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Acetone	TBAd1 0	Ave	++++ 125625	++++ 301532	++++ 672006	30659 1664971	62331	++++ 20.0	++++ 50.0	++++ 100	5.00 250	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 686919
Environment Testing, LLC

SDG No.:

Instrument ID: 19930 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Freon 113	FB	Ave	690 99456	1753 226084	9445 469304	23295 1125040	50623	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Methyl iodide	FB	Ave	2166 210281	6130 496246	23107 1027892	53234 2579351	104050	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Ethyl bromide	FB	Ave	++++ 86452	2727 206152	9198 416829	21220 1050666	40213	++++ 2.00	0.0599 4.99	0.200 9.99	0.499 25.0	0.999
Carbon disulfide	FB	Ave	3325 244958	8322 573042	28509 1182510	63332 2971931	121602	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Methyl acetate	TBAd1 0	Ave	++++ 28033	++++ 80752	++++ 188567	6498 486611	14110	++++ 2.00	++++ 5.00	++++ 10.0	0.500 25.0	1.00
Allyl chloride	FB	Ave	++++ 120787	4948 282489	14376 593053	29619 1594320	59776	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Methylene Chloride	FB	Ave	1000 98582	2476 232252	10764 488545	25505 1252962	48935	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
t-Butyl alcohol	TBAd1 0	Ave	++++ 111848	2156 249893	10687 571716	28429 1248508	53977	++++ 40.0	1.20 100	4.00 200	10.0 500	20.0
Acrylonitrile	TBAd1 0	Ave	++++ 43380	++++ 103122	++++ 231061	++++ 567857	18004	++++ 5.00	++++ 12.5	++++ 25.0	++++ 62.5	2.50
Methyl tert-butyl ether	FB	Ave	2483 255074	7014 613346	28367 1292787	62556 3318418	124927	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
trans-1,2-Dichloroethene	FB	Ave	1385 104939	3153 244845	11263 514714	26302 1311014	52536	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
n-Hexane	FB	Ave	1458 127230	2811 280143	12689 590374	30381 1443682	62192	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,1-Dichloroethane	FB	Ave	1747 172226	5432 408658	18061 849070	42483 2150606	84337	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
di-Isopropyl ether	FB	Ave	2373 256759	8219 617473	28640 1308497	65053 3398533	127052	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
2-Chloro-1,3-butadiene	FB	Ave	971 136693	3194 322920	15152 679169	35014 1752034	66712	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Ethyl t-butyl ether	FB	Ave	2548 267889	8001 645113	29396 1367535	69041 3486137	135060	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
2-Butanone (MEK)	TBAd1 0	Ave	++++ 222646	++++ 560181	23499 1231196	53189 3122795	98520	++++ 20.0	++++ 50.0	2.00 100	5.00 250	10.0
cis-1,2-Dichloroethene	FB	Ave	1337 120775	3434 281428	12668 587588	29291 1514971	58017	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
2,2-Dichloropropane	FB	Ave	++++	5473	20548	41718	82477	++++	0.0600	0.200	0.500	1.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

Analy Batch No.: 686919

SDG No.:

Instrument ID: 19930 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			162500	381493	779911	1993213		2.00	5.00	10.0	25.0	
Propionitrile	TBA01	Ave	++++	++++	++++	24809	55865	++++	++++	++++	10.0	20.0
			117182	304798	697003	1732717		40.0	100	200	500	
Methacrylonitrile	TBA01	Ave	++++	5111	20867	53610	118706	++++	0.600	2.00	5.00	10.0
			254450	606429	1314650	3429746		20.0	50.0	100	250	
Bromochloromethane	FB	Ave	++++	1326	6813	14971	29855	++++	0.0600	0.200	0.500	1.00
			60845	145498	299523	747421		2.00	5.00	10.0	25.0	
Tetrahydrofuran	TBA01	Ave	++++	++++	4176	10694	19308	++++	++++	1.00	2.50	5.00
			41019	99767	210800	528269		10.0	25.0	50.0	125	
Chloroform	FB	Ave	2505	5399	20305	47828	94515	0.0200	0.0600	0.200	0.500	1.00
			189359	446434	933153	2387746		2.00	5.00	10.0	25.0	
1,1,1-Trichloroethane	FB	Ave	2165	5955	20779	46796	90288	0.0200	0.0600	0.200	0.500	1.00
			183836	428951	885815	2220768		2.00	5.00	10.0	25.0	
Cyclohexane	FB	Ave	2184	3839	16164	39420	75866	0.0200	0.0600	0.200	0.500	1.00
			151672	345496	719911	1774223		2.00	5.00	10.0	25.0	
Carbon tetrachloride	FB	Ave	1630	4664	18968	42516	86321	0.0200	0.0600	0.200	0.500	1.00
			175627	415050	863686	2129670		2.00	5.00	10.0	25.0	
1,1-Dichloropropene	FB	Ave	1424	3956	16057	35522	70078	0.0200	0.0600	0.200	0.500	1.00
			142479	329851	686245	1737459		2.00	5.00	10.0	25.0	
Isobutyl alcohol	TBA01	Ave	++++	++++	10336	23096	37599	++++	++++	10.0	25.0	50.0
			78888	192258	437565	1062276		100	250	500	1250	
Benzene	FB	Ave	5231	13687	46628	105280	204043	0.0200	0.0600	0.200	0.500	1.00
			409299	966719	2022437	5230133		2.00	5.00	10.0	25.0	
1,2-Dichloroethane	FB	Ave	1053	3702	12405	27822	54998	0.0200	0.0600	0.200	0.500	1.00
			110597	268454	574926	1468966		2.00	5.00	10.0	25.0	
t-Amyl methyl ether	FB	Ave	3456	7980	29009	68990	132377	0.0200	0.0600	0.200	0.500	1.00
			270555	642548	1366347	3473699		2.00	5.00	10.0	25.0	
n-Heptane	FB	Ave	++++	4234	10228	28108	57112	++++	0.0600	0.200	0.500	1.00
			118556	266376	575102	1396997		2.00	5.00	10.0	25.0	
n-Butanol	TBA01	Qua	++++	++++	++++	19168	47878	++++	++++	++++	43.8	87.5
			114113	302101	693488	1816151		175	438	875	2188	
Trichloroethene	FB	Ave	1307	3544	13274	30579	58679	0.0200	0.0600	0.200	0.500	1.00
			118605	283732	588113	1504299		2.00	5.00	10.0	25.0	
Methylcyclohexane	FB	Ave	2246	4488	18250	45414	95412	0.0200	0.0600	0.200	0.500	1.00
			191748	436216	903547	2203041		2.00	5.00	10.0	25.0	
1,2-Dichloropropane	FB	Ave	747	3431	11009	25899	49925	0.0200	0.0600	0.200	0.500	1.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

Analy Batch No.: 686919

SDG No.:

Instrument ID: 19930 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			102212	235565	501816	1339657		2.00	5.00	10.0	25.0	
1,4-Dioxane	TBA01	Ave	++++	++++	++++	3412	7976	++++	++++	++++	25.0	50.0
			20215	48408	102175	261448		100	250	500	1250	
Methyl methacrylate	TBA01	Ave	++++	++++	++++	8215	22736	++++	++++	++++	0.500	1.00
			49381	122650	261244	690582		2.00	5.00	10.0	25.0	
Dibromomethane	FB	Ave	++++	1349	5837	14299	27696	++++	0.0600	0.200	0.500	1.00
			57823	135329	292337	731939		2.00	5.00	10.0	25.0	
Bromodichloromethane	FB	Ave	1257	4050	15202	35482	69585	0.0200	0.0600	0.200	0.500	1.00
			142011	341221	705942	1847145		2.00	5.00	10.0	25.0	
2-Nitropropane	TBA01	Ave	++++	++++	11229	19972	41235	++++	++++	1.00	2.50	5.00
			84372	203641	439129	1134545		10.0	25.0	50.0	125	
1-Bromo-2-chloroethane	FB	Ave	++++	2095	9880	23316	45132	++++	0.0600	0.200	0.500	1.00
			101478	242292	490588	1267956		2.00	5.00	10.0	25.0	
cis-1,3-Dichloropropene	FB	Ave	920	3269	16589	37721	78156	0.0200	0.0600	0.200	0.500	1.00
			162104	391513	829175	2156682		2.00	5.00	10.0	25.0	
4-Methyl-2-pentanone (MIBK)	TBA01	Ave	5772	15372	60664	142250	293671	0.200	0.600	2.00	5.00	10.0
			616259	1540578	3377066	8926380		20.0	50.0	100	250	
Toluene	CBZd5	Ave	3243	8773	30930	73758	142139	0.0200	0.0600	0.200	0.500	1.00
			278842	666371	1406221	3643115		2.00	5.00	10.0	25.0	
trans-1,3-Dichloropropene	CBZd5	Ave	++++	3233	11763	31535	65502	++++	0.0600	0.200	0.500	1.00
			133256	334785	716934	1869425		2.00	5.00	10.0	25.0	
Ethyl methacrylate	CBZd5	Ave	++++	++++	9552	25870	51780	++++	++++	0.200	0.500	1.00
			108942	256290	569112	1467876		2.00	5.00	10.0	25.0	
1,1,2-Trichloroethane	CBZd5	Ave	813	2683	9960	20833	42904	0.0200	0.0600	0.200	0.500	1.00
			82378	203440	422479	1075766		2.00	5.00	10.0	25.0	
Tetrachloroethene	CBZd5	Ave	2119	4954	18892	43831	87229	0.0200	0.0600	0.200	0.500	1.00
			179967	409415	860091	2122964		2.00	5.00	10.0	25.0	
1,3-Dichloropropane	CBZd5	Ave	701	3742	13639	31780	67111	0.0200	0.0600	0.200	0.500	1.00
			136721	316728	671351	1718936		2.00	5.00	10.0	25.0	
2-Hexanone	TBA01	Ave	++++	8430	42456	95652	199156	++++	0.600	2.00	5.00	10.0
			437269	1109260	2401614	6427023		20.0	50.0	100	250	
Dibromochloromethane	CBZd5	Ave	1431	3280	12961	31141	61438	0.0200	0.0600	0.200	0.500	1.00
			127394	304984	650556	1642876		2.00	5.00	10.0	25.0	
1,2-Dibromoethane (EDB)	CBZd5	Ave	482	2049	8270	19800	40444	0.0200	0.0600	0.200	0.500	1.00
			84383	204908	431277	1081325		2.00	5.00	10.0	25.0	
1-Chlorohexane	CBZd5	Ave	++++	++++	18977	41898	75451	++++	++++	0.200	0.500	1.00

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 686919
Environment Testing, LLC

SDG No.:

Instrument ID: 19930 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			157407	365614	770415	2006921		2.00	5.00	10.0	25.0	
Chlorobenzene	CBZd5	Ave	4008	10632	37381	86953	175323	0.0200	0.0600	0.200	0.500	1.00
			349743	827450	1735153	4553708		2.00	5.00	10.0	25.0	
1,1,1,2-Tetrachloroethane	CBZd5	Ave	1211	3825	13863	32920	66223	0.0200	0.0600	0.200	0.500	1.00
			133668	316020	660105	1732651		2.00	5.00	10.0	25.0	
Ethylbenzene	CBZd5	Ave	6599	16554	63166	139089	272629	0.0200	0.0600	0.200	0.500	1.00
			554593	1308403	2772051	7313400		2.00	5.00	10.0	25.0	
m&p-Xylene	CBZd5	Ave	5185	13433	51743	118694	233735	0.0400	0.120	0.400	1.00	2.00
			476086	1123418	2341577	6091416		4.00	10.0	20.0	50.0	
o-Xylene	CBZd5	Ave	2413	6717	24394	58268	114049	0.0200	0.0600	0.200	0.500	1.00
			231644	546028	1130896	2984632		2.00	5.00	10.0	25.0	
Styrene	CBZd5	Ave	2827	10288	35457	92137	176264	0.0200	0.0600	0.200	0.500	1.00
			365594	882081	1873018	5049505		2.00	5.00	10.0	25.0	
Bromoform	CBZd5	Ave	1316	2802	9450	20758	41576	0.0200	0.0600	0.200	0.500	1.00
			87708	211007	451738	1100132		2.00	5.00	10.0	25.0	
Isopropylbenzene	CBZd5	Ave	7333	17763	62881	149889	298827	0.0200	0.0600	0.200	0.500	1.00
			595016	1415042	2964583	7622895		2.00	5.00	10.0	25.0	
1,1,2,2-Tetrachloroethane	DCBd4	Ave	++++	++++	11563	26697	51048	++++	++++	0.200	0.500	1.00
			106182	252848	541544	1420496		2.00	5.00	10.0	25.0	
Bromobenzene	DCBd4	Ave	1738	4557	19352	41523	84331	0.0200	0.0600	0.200	0.500	1.00
			172462	407011	860675	2165515		2.00	5.00	10.0	25.0	
trans-1,4-Dichloro-2-butene	TBA d10	Ave	++++	5908	22158	56568	117641	++++	0.600	2.00	5.00	10.0
			237182	601622	1362269	3961409		20.0	50.0	100	250	
1,2,3-Trichloropropane	DCBd4	Ave	++++	1023	3513	8101	16401	++++	0.0600	0.200	0.500	1.00
			33718	78073	165535	409933		2.00	5.00	10.0	25.0	
N-Propylbenzene	DCBd4	Ave	7944	18712	65328	158187	308435	0.0200	0.0600	0.200	0.500	1.00
			648704	1554856	3283313	8424593		2.00	5.00	10.0	25.0	
2-Chlorotoluene	DCBd4	Ave	1316	4045	16506	39792	77598	0.0200	0.0600	0.200	0.500	1.00
			153442	364905	742929	1892284		2.00	5.00	10.0	25.0	
1,3,5-Trimethylbenzene	DCBd4	Ave	5937	15808	54665	128453	248447	0.0200	0.0600	0.200	0.500	1.00
			509012	1194397	2504067	6593972		2.00	5.00	10.0	25.0	
4-Chlorotoluene	DCBd4	Ave	1279	4456	16278	39539	80081	0.0200	0.0600	0.200	0.500	1.00
			159720	376963	772540	1976484		2.00	5.00	10.0	25.0	
tert-Butylbenzene	DCBd4	Ave	1094	3916	14471	32989	65166	0.0200	0.0600	0.200	0.500	1.00
			132318	307390	635696	1614229		2.00	5.00	10.0	25.0	
Pentachloroethane	DCBd4	Ave	++++	2834	10494	24713	48254	++++	0.0600	0.200	0.500	1.00
			108934	264110	527021	1347278		2.00	5.00	10.0	25.0	
1,2,4-Trimethylbenzene	DCBd4	Ave	6763	16191	55870	132136	257760	0.0200	0.0600	0.200	0.500	1.00
			527149	1234282	2619686	6850100		2.00	5.00	10.0	25.0	

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

Analy Batch No.: 686919

SDG No.:

Instrument ID: 19930 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
sec-Butylbenzene	DCBd4	Ave	8506 666191	20100 1570962	72226 3279611	170029 8366208	328280	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,3-Dichlorobenzene	DCBd4	Ave	3099 320907	8366 759962	31911 1586185	78000 4139004	156156	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
p-Isopropyltoluene	DCBd4	Ave	6936 602652	17792 1425827	61774 3009766	149051 7809200	294567	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,4-Dichlorobenzene	DCBd4	Ave	4499 329509	9920 779425	37058 1586267	84861 4139149	168947	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,2,3-Trimethylbenzene	DCBd4	Ave	2744 239142	7684 561970	26242 1157680	63267 3106894	118003	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Benzyl chloride	DCBd4	Ave	++++ 50908	1319 125186	4550 261704	11343 652492	23407	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
n-Butylbenzene	DCBd4	Ave	2308 258122	7656 612639	27169 1331435	61339 3779460	125831	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,2-Dichlorobenzene	DCBd4	Ave	2548 301611	7652 686990	32101 1415884	76441 3810236	149259	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	++++ 21455	398 52810	2282 112701	5018 271150	10670	++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,3,5-Trichlorobenzene	DCBd4	Ave	2097 267486	6427 622365	26957 1345667	63792 3504625	128641	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,2,4-Trichlorobenzene	DCBd4	Ave	1822 230860	5084 544837	20647 1216248	53354 3117496	110079	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Hexachlorobutadiene	DCBd4	Ave	1312 113976	3096 271361	12099 599644	27228 1536381	56565	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Naphthalene	DCBd4	Ave	3342 415710	11131 1011093	41271 2196661	97521 5431439	202082	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,2,3-Trichlorobenzene	DCBd4	Ave	1702 210622	5289 491186	20285 1063128	47687 2739205	97737	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Dibromofluoromethane (Surr)	FB	Ave	459524 416143	408680 469947	465839 397722	433849 455451	490266	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	92417 83866	82021 94292	95922 81011	88121 93745	97234	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0
Toluene-d8 (Surr)	CBZd5	Ave	1750461 1591293	1570010 1774254	1784615 1529786	1659784 1751047	1867748	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0
4-Bromofluorobenzene (Surr)	CBZd5	Ave	650706 567335	569778 650383	648374 548646	596024 622752	684650	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 686919
Environment Testing, LLC

SDG No.:

Instrument ID: 19930 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-686919/13	IG18X12.D
Level 2	IC 410-686919/27	IG18X13.D
Level 3	IC 410-686919/14	IG18X14.D
Level 4	IC 410-686919/15	IG18X15.D
Level 5	IC 410-686919/16	IG18X16.D
Level 6	IC 410-686919/17	IG18X17.D
Level 7	IC 410-686919/18	IG18X18.D
Level 8	ICIS 410-686919/19	IG18X19.D
Level 9	IC 410-686919/20	IG18X20.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
	LVL 7 #	LVL 8 #	LVL 9 #				LVL 7	LVL 8	LVL 9			
Dichlorodifluoromethane	5.6	-9.9	6.8	-0.9	-9.1	10.8	50	30	30	30	30	30
	-4.7	9.3	-7.9				30	30	30			
Chloromethane	++++	35.5	8.3	-2.3	-17.9	-1.1		50	30	30	30	30
	-12.7	-1.8	-8.0				30	30	30			
1,3-Butadiene	++++	35.8	-0.8	-7.7	2.0			50	30	30	30	30
	-12.6	-1.4	-15.2				30	30	30			
Vinyl chloride	-9.1	9.3	6.3	1.7	-14.6	4.8	50	30	30	30	30	30
	-4.9	8.5	-2.0				30	30	30			
Bromomethane	23.9	19.5	5.3	-4.7	-22.0	-7.4	50	30	30	30	30	30
	-15.0	1.1	-0.8				30	30	30			
Chloroethane	42.8	12.1	5.2	-10.0	-24.0	-7.1	50	30	30	30	30	30
	-15.8	-0.1	-3.0				30	30	30			
Dichlorofluoromethane	++++	35.4	13.9	-7.4	-21.5	-5.3		50	30	30	30	30
	-13.8	0.8	-2.1				30	30	30			
Trichlorofluoromethane	-46.1	9.2	11.3	1.1	-8.7	12.6	50	30	30	30	30	30
	-1.8	15.6	6.7				30	30	30			
Ethyl ether	-45.3	5.6	3.2	3.7	-10.6	16.4	50	30	30	30	30	30
	-0.3	19.0	8.4				30	30	30			
Freon 123a	-43.6	25.8	19.3	1.9	-12.0	6.7	50	30	30	30	30	30
	-5.5	10.6	-3.2				30	30	30			
Acrolein	4.5	9.8	-8.2	-12.8	-9.5	9.2	50	30	30	30	30	30
	-9.4	13.8	2.6				30	30	30			
1,1-Dichloroethene	-21.9	18.0	7.3	8.1	-10.1	8.3	50	30	30	30	30	30
	-10.9	7.1	-6.0				30	30	30			
Acetone	++++	35.6	-4.5	-2.6	-8.2	9.0		50	30	30	30	30
	-9.3	15.6	-4.5				30	30	30			
Freon 113	-23.6	-27.8	2.3	8.6	4.7	20.5	50	30	30	30	30	30
	-2.3	18.1	-0.4				30	30	30			

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1 Analy Batch No.: 686919
Environment Testing, LLC

SDG No.:

Instrument ID: 19930 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
Methyl iodide	-0.2 -10.8	5.0 7.7	4.2 -5.0	3.3	-10.4	6.1	50 30	30 30	30 30	30	30	30
Ethyl bromide	++++ -9.3	14.3 6.9	1.4 -5.3	0.7	-15.3	6.7	50 30	30 30	30 30	30	30	30
Carbon disulfide	24.0 -16.6	15.4 0.3	4.0 -11.4	-0.5	-15.3	0.0	50 30	30 30	30 30	30	30	30
Methyl acetate	++++ -3.1	++++ 29.4	++++ 11.4	-17.6	-17.1	-3.0	30	30	30	50	30	30
Allyl chloride	++++ -17.3	38.1 1.2	5.6 -4.3	-6.4	-16.2	-0.8	30	50 30	30 30	30	30	30
Methylene Chloride	-0.6 -10.0	-8.5 10.4	4.6 -0.5	6.7	-9.2	7.2	50 30	30 30	30 30	30	30	30
t-Butyl alcohol	++++ -7.9	-20.2 20.6	-7.5 -12.2	10.7	-2.5	19.0	30	50 30	30 30	30	30	30
Acrylonitrile	++++ -7.4	++++ 18.7	++++ -2.8	++++	-20.8	12.3	30	30	30		50	30
Methyl tert-butyl ether	-5.3 -8.8	-0.6 12.1	5.8 1.1	0.4	-11.0	6.4	50 30	30 30	30 30	30	30	30
trans-1,2-Dichloroethene	23.8 -14.6	4.8 4.6	-1.5 -6.3	-1.0	-12.3	2.7	50 30	30 30	30 30	30	30	30
n-Hexane	17.5 -11.9	-15.8 8.2	0.0 -7.0	3.1	-6.4	12.2	50 30	30 30	30 30	30	30	30
1,1-Dichloroethane	-1.9 -10.5	13.4 8.4	-0.8 -3.5	0.4	-11.5	5.9	50 30	30 30	30 30	30	30	30
di-Isopropyl ether	-11.9 -10.6	13.4 10.4	4.0 0.8	1.6	-11.9	4.3	50 30	30 30	30 30	30	30	30
2-Chloro-1,3-butadiene	-27.5 -6.0	-11.4 15.2	10.6 4.5	10.0	-7.0	11.6	50 30	30 30	30 30	30	30	30
Ethyl t-butyl ether	-8.9 -10.0	6.4 11.2	2.8 -0.4	3.9	-9.8	4.8	50 30	30 30	30 30	30	30	30
2-Butanone (MEK)	++++ -4.3	++++ 20.3	-5.8 1.7	-4.0	-17.6	9.7	30	30	50 30	30	30	30
cis-1,2-Dichloroethene	8.1 -11.3	3.2 8.0	0.1 -2.1	-0.4	-12.4	6.8	50 30	30 30	30 30	30	30	30
2,2-Dichloropropane	++++ -14.8	16.5 1.5	15.1 -8.8	0.5	-11.8	1.8	30	50 30	30 30	30	30	30
Propionitrile	++++ -4.1	++++ 25.4	++++ 4.0	-17.6	-14.0	6.3	30	30	30	50	30	30
Methacrylonitrile	++++ -0.9	-16.2 22.8	-20.0 6.9	-7.5	-5.0	19.9	30	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.: 410-254861-1 Analy Batch No.: 686919
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19930 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
Bromochloromethane	++++ -6.5	-18.8 12.1	9.7 -1.6	3.8	-8.2	9.6	30	50 30	30 30	30	30	30
Tetrahydrofuran	++++ -6.3	++++ 13.3	-7.9 -5.3	6.2	-11.2	11.2	30	30	50 30	30	30	30
Chloroform	24.4 -13.5	-0.3 5.4	-1.4 -5.2	0.0	-12.3	2.9	50 30	30 30	30 30	30	30	30
1,1,1-Trichloroethane	11.1 -14.1	13.6 3.3	4.3 -8.9	1.1	-13.5	3.2	50 30	30 30	30 30	30	30	30
Cyclohexane	37.1 -15.3	-10.4 2.8	-0.7 -10.9	4.2	-11.0	4.2	50 30	30 30	30 30	30	30	30
Carbon tetrachloride	-7.3 -7.9	-1.4 11.7	5.5 -3.2	1.8	-8.3	9.3	50 30	30 30	30 30	30	30	30
1,1-Dichloropropene	-1.9 -11.3	1.3 7.5	8.2 -4.3	3.0	-9.8	7.4	50 30	30 30	30 30	30	30	30
Isobutyl alcohol	++++ -12.8	++++ 13.5	10.0 -8.1	10.7	-16.5	3.2	30	30	50 30	30	30	30
Benzene	17.2 -15.5	14.1 3.1	2.2 -6.3	-0.7	-14.6	0.4	50 30	30 30	30 30	30	30	30
1,2-Dichloroethane	-10.4 -10.9	17.1 11.2	3.2 -0.1	-0.4	-12.6	3.0	50 30	30 30	30 30	30	30	30
t-Amyl methyl ether	19.7 -13.2	2.7 7.6	-1.7 -3.8	0.6	-14.4	2.5	50 30	30 30	30 30	30	30	30
n-Heptane	++++ -13.3	31.4 9.1	-16.5 -6.8	-1.3	-11.0	8.3	30	50 30	30 30	30	30	30
n-Butanol	++++ -16.8	++++ 5.5	++++ -0.3	47.4	5.4	3.6	30	30	30	50	30	30
Trichloroethene	4.6 -11.4	5.4 7.0	3.9 -3.8	3.0	-12.3	3.8	50 30	30 30	30 30	30	30	30
Methylcyclohexane	18.8 -9.9	-11.7 8.7	-5.6 -6.8	1.1	-5.7	11.0	50 30	30 30	30 30	30	30	30
1,2-Dichloropropane	-28.3 -11.7	22.5 9.6	3.4 2.8	4.7	-10.5	7.4	50 30	30 30	30 30	30	30	30
1,4-Dioxane	++++ 0.1	++++ 20.9	++++ 3.1	-25.5	-19.2	20.6	30	30	30	50	30	30
Methyl methacrylate	++++ -1.1	++++ 20.4	++++ 6.2	-30.0	-10.3	14.8	30	30	30	50	30	30
Dibromomethane	++++ -8.2	-12.8 15.5	-0.8 1.7	4.6	-10.1	10.0	30	50 30	30 30	30	30	30
Bromodichloromethane	-13.0 -7.9	4.2 11.0	2.9 2.1	3.3	-10.1	7.5	50 30	30 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.: 410-254861-1 Analy Batch No.: 686919
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19930 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
2-Nitropropane	++++ -10.4	++++ 10.5	15.9 -4.8	-7.2	-11.2	7.1	30	30	50 30	30	30	30
1-Bromo-2-chloroethane	++++ -2.5	-19.6 15.1	-0.3 4.6	1.3	-13.0	14.6	30	50 30	30 30	30	30	30
cis-1,3-Dichloropropene	-39.6 0.2	-20.3 23.7	6.5 13.1	4.2	-4.2	16.4	50 30	30 30	30 30	30	30	30
4-Methyl-2-pentanone (MIBK)	-10.0 -3.0	-2.8 21.7	-10.3 7.2	-5.3	-9.4	12.0	50 30	30 30	30 30	30	30	30
Toluene	7.1 -13.4	7.8 7.0	1.5 -5.1	4.8	-12.0	2.4	50 30	30 30	30 30	30	30	30
trans-1,3-Dichloropropene	++++ -3.1	-11.6 21.4	-14.0 8.4	-0.3	-9.7	8.9	30	50 30	30 30	30	30	30
Ethyl methacrylate	++++ -8.5	++++ 18.8	-13.9 5.0	0.9	-12.0	9.8	30	30	50 30	30	30	30
1,1,2-Trichloroethane	-9.0 -10.3	11.8 8.9	10.8 -5.0	0.3	-10.0	2.5	50 30	30 30	30 30	30	30	30
Tetrachloroethene	14.7 -12.8	-0.2 7.2	1.6 -9.4	2.0	-11.5	8.3	50 30	30 30	30 30	30	30	30
1,3-Dichloropropane	-46.3 -4.4	6.7 18.5	3.9 3.9	4.8	-3.6	16.5	50 30	30 30	30 30	30	30	30
2-Hexanone	++++ 0.9	-23.1 24.9	-9.4 11.5	-8.1	-11.3	14.7	30	50 30	30 30	30	30	30
Dibromochloromethane	8.8 -8.7	-7.2 13.9	-2.1 -1.5	1.8	-12.5	7.6	50 30	30 30	30 30	30	30	30
1,2-Dibromoethane (EDB)	-40.3 -0.1	-5.6 23.0	1.8 5.6	5.5	-6.1	16.2	50 30	30 30	30 30	30	30	30
1-Chlorohexane	++++ -13.5	++++ 6.6	13.3 -4.9	8.3	-15.0	5.1	30	30	50 30	30	30	30
Chlorobenzene	7.9 -12.3	6.5 7.6	0.0 -3.3	0.7	-11.6	4.6	50 30	30 30	30 30	30	30	30
1,1,1,2-Tetrachloroethane	-11.3 -8.9	4.3 11.4	0.9 0.1	3.7	-9.1	8.8	50 30	30 30	30 30	30	30	30
Ethylbenzene	10.8 -13.5	3.4 7.2	5.4 -3.1	0.5	-14.2	3.5	50 30	30 30	30 30	30	30	30
m&p-Xylene	4.4 -11.0	0.6 8.5	3.5 -3.3	2.7	-11.8	6.5	50 30	30 30	30 30	30	30	30
o-Xylene	0.3 -10.7	3.8 8.2	0.7 -2.2	4.1	-11.2	7.0	50 30	30 30	30 30	30	30	30
Styrene	-23.5 -6.1	3.5 16.7	-4.7 7.7	7.2	-10.7	9.9	50 30	30 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.: 410-254861-1 Analy Batch No.: 686919
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19930 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
Bromoform	36.4 -13.9	8.1 7.8	-2.7 -10.1	-7.5	-19.2	1.0	50 30	30 30	30 30	30	30	30
Isopropylbenzene	15.3 -12.5	3.9 7.3	-1.8 -5.5	1.3	-12.0	3.9	50 30	30 30	30 30	30	30	30
1,1,2,2-Tetrachloroethane	++++ -10.7	++++ 16.7	-0.5 5.2	0.9	-16.2	4.8	30	30	50 30	30	30	30
Bromobenzene	-4.3 -9.3	-3.7 17.1	5.1 1.2	-0.9	-12.6	7.4	50 30	30 30	30 30	30	30	30
trans-1,4-Dichloro-2-butene	++++ -5.8	-7.1 22.1	-18.5 18.4	-6.4	-9.8	7.2	30	50 30	30 30	30	30	30
1,2,3-Trichloropropane	++++ -11.4	10.1 14.6	-2.8 -2.4	-1.6	-13.5	6.9	30	50 30	30 30	30	30	30
N-Propylbenzene	13.2 -10.2	2.4 15.6	-8.1 2.0	-2.3	-17.2	4.6	50 30	30 30	30 30	30	30	30
2-Chlorotoluene	-17.4 -7.3	-2.5 15.2	2.2 0.8	8.2	-8.3	9.0	50 30	30 30	30 30	30	30	30
1,3,5-Trimethylbenzene	6.8 -13.0	9.2 11.3	-3.0 0.7	0.1	-15.9	3.6	50 30	30 30	30 30	30	30	30
4-Chlorotoluene	-21.9 -6.8	4.5 16.6	-1.9 2.5	4.6	-8.0	10.4	50 30	30 30	30 30	30	30	30
tert-Butylbenzene	-20.4 -9.4	9.5 14.3	3.9 -0.2	4.0	-10.7	9.0	50 30	30 30	30 30	30	30	30
Pentachloroethane	++++ -3.3	-1.6 17.7	-6.4 3.4	-3.2	-17.9	11.4	30	50 30	30 30	30	30	30
1,2,4-Trimethylbenzene	16.3 -14.0	7.0 11.3	-5.2 0.0	-1.5	-16.6	2.6	50 30	30 30	30 30	30	30	30
sec-Butylbenzene	16.0 -13.3	5.3 10.5	-2.8 -3.1	0.5	-15.8	2.8	50 30	30 30	30 30	30	30	30
1,3-Dichlorobenzene	-6.8 -7.4	-3.4 17.9	-5.3 5.7	1.7	-11.6	9.2	50 30	30 30	30 30	30	30	30
p-Isopropyltoluene	6.7 -11.2	5.1 14.4	-6.3 2.0	-0.7	-14.7	4.9	50 30	30 30	30 30	30	30	30
1,4-Dichlorobenzene	22.2 -14.3	3.5 6.4	-0.7 -4.6	-0.1	-13.6	1.3	50 30	30 30	30 30	30	30	30
1,2,3-Trimethylbenzene	4.1 -13.7	11.9 8.5	-1.8 0.1	4.0	-15.8	2.6	50 30	30 30	30 30	30	30	30
Benzyl chloride	++++ -2.8	-2.8 24.0	-13.9 6.3	-5.7	-15.5	10.5	30	50 30	30 30	30	30	30
n-Butylbenzene	-16.4 -10.2	6.5 19.1	-2.9 16.2	-3.8	-14.2	5.8	50 30	30 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.: 410-254861-1 Analy Batch No.: 686919
Environment Testing, LLC

SDG No.: _____

Instrument ID: 19930 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/18/2025 19:53 Calibration End Date: 08/18/2025 22:36 Calibration ID: 75997

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
	LVL 7 #	LVL 8 #	LVL 9 #				LVL 7	LVL 8	LVL 9			
1,2-Dichlorobenzene	-17.2	-4.5	2.9	7.6	-8.7	10.9	50	30	30	30	30	30
	-9.6	13.6	5.1				30	30	30			
1,2-Dibromo-3-Chloropropane	+++++	-30.6	2.2	-1.2	-8.8	10.3		50	30	30	30	30
	-2.9	26.5	4.5				30	30	30			
1,3,5-Trichlorobenzene	-22.2	-8.4	-1.3	2.6	-10.2	12.3	50	30	30	30	30	30
	-6.5	23.4	10.4				30	30	30			
1,2,4-Trichlorobenzene	-20.6	-15.0	-11.3	0.7	-9.8	13.8	50	30	30	30	30	30
	-3.9	30.9 *	15.3				30	30	30			
Hexachlorobutadiene	6.2	-3.7	-3.3	-4.5	-13.8	4.4	50	30	30	30	30	30
	-11.0	20.0	5.6				30	30	30			
Naphthalene	-22.0	-0.2	-4.9	-1.4	-11.2	9.8	50	30	30	30	30	30
	-4.4	26.7	7.6				30	30	30			
1,2,3-Trichlorobenzene	-19.2	-3.6	-5.0	-1.9	-12.7	13.1	50	30	30	30	30	30
	-5.6	24.7	10.4				30	30	30			
Dibromofluoromethane (Surr)	0.7	-0.1	-0.1	0.1	0.3	-0.2	50	30	30	30	30	30
	0.5	-0.9	-0.3				30	30	30			
1,2-Dichloroethane-d4 (Surr)	0.1	-0.9	1.6	0.5	-1.6	-0.6	50	30	30	30	30	30
	-0.4	-0.2	1.5				30	30	30			
Toluene-d8 (Surr)	-0.4	-0.3	0.9	1.6	-0.4	0.7	50	30	30	30	30	30
	-0.6	0.3	-1.8				30	30	30			
4-Bromofluorobenzene (Surr)	2.2	-0.1	1.2	0.7	0.8	-1.0	50	30	30	30	30	30
	0.5	-0.8	-3.6				30	30	30			

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X12.D
 Lims ID: IC std1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 18-Aug-2025 19:53:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156919-013
 Misc. Info.: IC STD1
 Operator ID: ecr105096 Instrument ID: 19930
 Sublist: chrom-8260 25ml HP31*sub2
 Method: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\8260 25ml HP31.m
 Limit Group: MSV - 8260C_D
 Last Update: 22-Aug-2025 12:40:44 Calib Date: 18-Aug-2025 22:36:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1618

First Level Reviewer: N7YK

Date: 20-Aug-2025 11:52:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.770	1.770	0.000	1	1680	0.0200	0.0211	
4 Chloromethane	50	1.946	1.953	-0.007	1	2542	0.0200	0.0327	
6 Butadiene	39	2.044	2.050	-0.006	32	2120	0.0200	0.0327	
5 Vinyl chloride	62	2.068	2.050	0.018	1	1322	0.0200	0.0182	
7 Bromomethane	94	2.373	2.361	0.012	3	1614	0.0200	0.0248	
8 Chloroethane	64	2.410	2.410	0.000	1	1337	0.0200	0.0286	
9 Dichlorofluoromethane	67	2.654	2.635	0.019	1	5663	0.0200	0.0449	
10 Trichlorofluoromethane	101	2.702	2.709	-0.007	34	1214	0.0200	0.0108	M
11 Ethyl ether	59	2.898	2.891	0.007	1	358	0.0200	0.0109	
13 1,2-Dichloro-1,1,2-trifluoroetha	67	2.958	2.977	-0.019	1	614	0.0200	0.0113	
14 Acrolein	56	3.062	3.038	0.024	28	6203	0.9759	1.02	
15 1,1-Dichloroethene	96	3.178	3.166	0.012	1	729	0.0200	0.0156	
16 Acetone	43	3.275	3.190	0.085	1	6541	0.2000	0.9743	M
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.227	3.215	0.012	1	690	0.0200	0.0153	M
18 Iodomethane	142	3.349	3.343	0.006	1	2166	0.0200	0.0200	
19 Ethyl bromide	108	3.373	3.367	0.006	1	425	0.0200	0.009573	M
20 Carbon disulfide	76	3.458	3.440	0.018	3	3325	0.0200	0.0248	
23 Methyl acetate	43	3.562	3.568	-0.006	1	639	0.0200	0.0380	
24 3-Chloro-1-propene	41	3.611	3.586	0.025	1	3480	0.0200	0.0523	M
25 Methylene Chloride	84	3.769	3.757	0.012	72	1000	0.0200	0.0199	
* 26 t-Butyl alcohol-d10 (IS)	65	3.788	3.763	0.025	70	142532	50.0	50.0	M
27 2-Methyl-2-propanol	59	3.867	3.885	-0.018	1	636	0.4000	0.2323	
28 Acrylonitrile	53		4.062				ND	ND	
29 Methyl tert-butyl ether	73	4.123	4.123	0.000	4	2483	0.0200	0.0189	
30 trans-1,2-Dichloroethene	96	4.147	4.135	0.012	1	1385	0.0200	0.0248	
31 Hexane	57	4.537	4.544	-0.007	1	1458	0.0200	0.0235	
32 1,1-Dichloroethane	63	4.793	4.781	0.012	1	1747	0.0200	0.0196	M
35 Isopropyl ether	45	4.842	4.848	-0.006	14	2373	0.0200	0.0176	M
36 2-Chloro-1,3-butadiene	53	4.934	4.897	0.037	1	971	0.0200	0.0145	M
37 Tert-butyl ethyl ether	59	5.397	5.397	0.000	77	2548	0.0200	0.0182	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 2-Butanone (MEK)	43	5.586	5.604	-0.018	21	808	0.2000	0.0684	
39 cis-1,2-Dichloroethene	96	5.665	5.635	0.030	1	1337	0.0200	0.0216	M
40 2,2-Dichloropropane	77	5.635	5.647	-0.012	36	3158	0.0200	0.0362	M
43 Propionitrile	54		5.684				ND	ND	
45 Methacrylonitrile	67	5.988	5.909	0.079	1	429	0.2000	0.0347	
46 Chlorobromomethane	128	6.001	5.970	0.031	1	108	0.0200	0.003556	M
47 Tetrahydrofuran	71	6.013	5.988	0.025	10	122	0.1000	0.0284	M
48 Chloroform	83	6.135	6.129	0.006	79	2505	0.0200	0.0249	
S 41 1,2-Dichloroethene, Total	100				0			0.0464	
\$ 49 Dibromofluoromethane (Surr)	113	6.354	6.348	0.006	95	459524	10.0	10.1	
50 1,1,1-Trichloroethane	97	6.342	6.354	-0.012	1	2165	0.0200	0.0222	M
51 Cyclohexane	56	6.482	6.458	0.024	1	2184	0.0200	0.0274	
54 Carbon tetrachloride	117	6.586	6.574	0.012	43	1630	0.0200	0.0185	M
53 1,1-Dichloropropene	75	6.580	6.574	0.006	67	1424	0.0200	0.0196	
55 Isobutyl alcohol	41	6.799	6.750	0.049	29	1864	1.00	2.09	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	6.811	6.811	0.000	62	92417	10.0	10.0	
57 Benzene	78	6.854	6.836	0.018	82	5231	0.0200	0.0234	
58 1,2-Dichloroethane	62	6.915	6.915	0.000	1	1053	0.0200	0.0179	M
60 Tert-amyl methyl ether	73	7.055	7.043	0.012	1	3456	0.0200	0.0239	M
* 61 Fluorobenzene (IS)	96	7.250	7.250	0.000	100	1675538	10.0	10.0	
62 n-Heptane	43	7.281	7.275	0.006	36	2699	0.0200	0.0451	
63 n-Butanol	56		7.641				ND	ND	
64 Trichloroethene	95	7.756	7.738	0.018	78	1307	0.0200	0.0209	
65 Methylcyclohexane	83	8.055	8.043	0.012	83	2246	0.0200	0.0238	
66 1,2-Dichloropropane	63	8.086	8.067	0.019	53	747	0.0200	0.0143	
68 1,4-Dioxane	88		8.171				ND	ND	
67 Methyl methacrylate	69		8.171				ND	ND	
69 Dibromomethane	93	8.195	8.183	0.012	1	129	0.0200	0.004485	M
71 Dichlorobromomethane	83	8.439	8.427	0.012	1	1257	0.0200	0.0174	
72 2-Nitropropane	41	8.726	8.689	0.037	1	1832	0.1000	0.1996	
75 1-Bromo-2-chloroethane	63	8.829	8.817	0.012	1	207	0.0200	0.004271	M
76 cis-1,3-Dichloropropene	75	9.024	8.988	0.036	1	920	0.0200	0.0121	M
77 4-Methyl-2-pentanone (MIBK)	43	9.207	9.177	0.030	85	5772	0.2000	0.1800	
\$ 78 Toluene-d8 (Surr)	98	9.317	9.317	0.000	93	1750461	10.0	9.96	
79 Toluene	92	9.415	9.402	0.013	94	3243	0.0200	0.0214	
97 trans-1,3-Dichloropropene	75		9.683				ND	ND	
99 Ethyl methacrylate	69		9.756				ND	ND	
100 1,1,2-Trichloroethane	97	9.908	9.896	0.012	1	813	0.0200	0.0182	M
101 Tetrachloroethene	166	9.994	9.982	0.012	87	2119	0.0200	0.0229	
S 98 1,3-Dichloropropene, Total	100				0			0.0121	
102 1,3-Dichloropropane	76	10.091	10.061	0.030	1	701	0.0200	0.0107	M
103 2-Hexanone	43	10.134	10.122	0.012	1	139	0.2000	0.006259	M
105 Chlorodibromomethane	129	10.292	10.286	0.006	80	1431	0.0200	0.0218	
106 Ethylene Dibromide	107	10.433	10.396	0.037	1	482	0.0200	0.0119	
* 107 Chlorobenzene-d5 (IS)	117	10.841	10.841	0.000	83	1396134	10.0	10.0	
108 1-Chlorohexane	91	10.841	10.859	-0.018	40	5148	0.0200	0.0619	
109 Chlorobenzene	112	10.872	10.872	0.000	28	4008	0.0200	0.0216	M
111 1,1,1,2-Tetrachloroethane	131	10.957	10.957	0.000	75	1211	0.0200	0.0177	
112 Ethylbenzene	91	10.975	10.963	0.012	95	6599	0.0200	0.0222	
113 m-Xylene & p-Xylene	106	11.097	11.079	0.018	92	5185	0.0400	0.0417	
S 110 Xylenes, Total	106				0			0.0618	
114 o-Xylene	106	11.432	11.414	0.018	94	2413	0.0200	0.0201	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
115 Styrene	104	11.475	11.432	0.043	1	2827	0.0200	0.0153	M
116 Bromoform	173	11.597	11.585	0.012	88	1316	0.0200	0.0273	
117 Isopropylbenzene	105	11.725	11.719	0.006	94	7333	0.0200	0.0231	
\$ 120 4-Bromofluorobenzene (Surr)	95	11.865	11.865	0.000	97	650706	10.0	10.2	
121 1,1,2,2-Tetrachloroethane	83		11.969				ND	ND	
122 Bromobenzene	156	11.981	11.975	0.006	78	1738	0.0200	0.0191	
123 trans-1,4-Dichloro-2-butene	53		11.993				ND	ND	
124 1,2,3-Trichloropropane	110		12.012				ND	ND	
125 N-Propylbenzene	91	12.066	12.054	0.012	98	7944	0.0200	0.0226	
126 2-Chlorotoluene	126	12.140	12.127	0.013	95	1316	0.0200	0.0165	
127 1,3,5-Trimethylbenzene	105	12.201	12.195	0.006	92	5937	0.0200	0.0214	
128 4-Chlorotoluene	126	12.231	12.219	0.012	74	1279	0.0200	0.0156	
129 tert-Butylbenzene	134	12.438	12.432	0.006	90	1094	0.0200	0.0159	
130 Pentachloroethane	167		12.463				ND	ND	
131 1,2,4-Trimethylbenzene	105	12.487	12.475	0.012	91	6763	0.0200	0.0233	
132 sec-Butylbenzene	105	12.603	12.597	0.006	92	8506	0.0200	0.0232	
133 1,3-Dichlorobenzene	146	12.707	12.694	0.013	59	3099	0.0200	0.0186	
134 4-Isopropyltoluene	119	12.713	12.707	0.006	95	6936	0.0200	0.0213	
* 135 1,4-Dichlorobenzene-d4	152	12.755	12.749	0.006	92	902916	10.0	10.0	
136 1,4-Dichlorobenzene	146	12.768	12.768	0.000	85	4499	0.0200	0.0244	
137 1,2,3-Trimethylbenzene	120	12.780	12.780	0.000	90	2744	0.0200	0.0208	
138 Benzyl chloride	126	12.859	12.847	0.012	1	143	0.0200	0.005486	
139 n-Butylbenzene	92	13.011	12.999	0.012	94	2308	0.0200	0.0167	
140 1,2-Dichlorobenzene	146	13.048	13.030	0.018	90	2548	0.0200	0.0166	
142 1,2-Dibromo-3-Chloropropane	155		13.572				ND	ND	
143 1,3,5-Trichlorobenzene	180	13.712	13.694	0.018	85	2097	0.0200	0.0156	
144 1,2,4-Trichlorobenzene	180	14.139	14.115	0.024	82	1822	0.0200	0.0159	
145 Hexachlorobutadiene	225	14.206	14.200	0.006	84	1312	0.0200	0.0212	
146 Naphthalene	128	14.328	14.292	0.036	89	3342	0.0200	0.0156	
147 1,2,3-Trichlorobenzene	180	14.450	14.438	0.012	86	1702	0.0200	0.0162	
165 Isopropyl alcohol	45		0.000				ND	ND	
150 2-ethoxy-2-methyl butane	1		0.000				ND	ND	
161 Pentane	43		0.000				ND	ND	
156 p-Diethylbenzene	1		0.000				ND	ND	
155 2-Methylnaphthalene	142	15.078	15.029	0.049	73	883	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#1_826_00174	Amount Added: 0.40	Units: uL	
MSV_LL_#2_826_00189	Amount Added: 0.40	Units: uL	
MSV_LL_GAS826_00285	Amount Added: 0.40	Units: uL	
MSV_LLcentISS_00018	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 22-Aug-2025 12:40:44

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X12.D

Injection Date: 18-Aug-2025 19:53:30

Instrument ID: 19930

Operator ID: ecr105096

Lims ID: IC std1

Worklist Smp#: 13

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

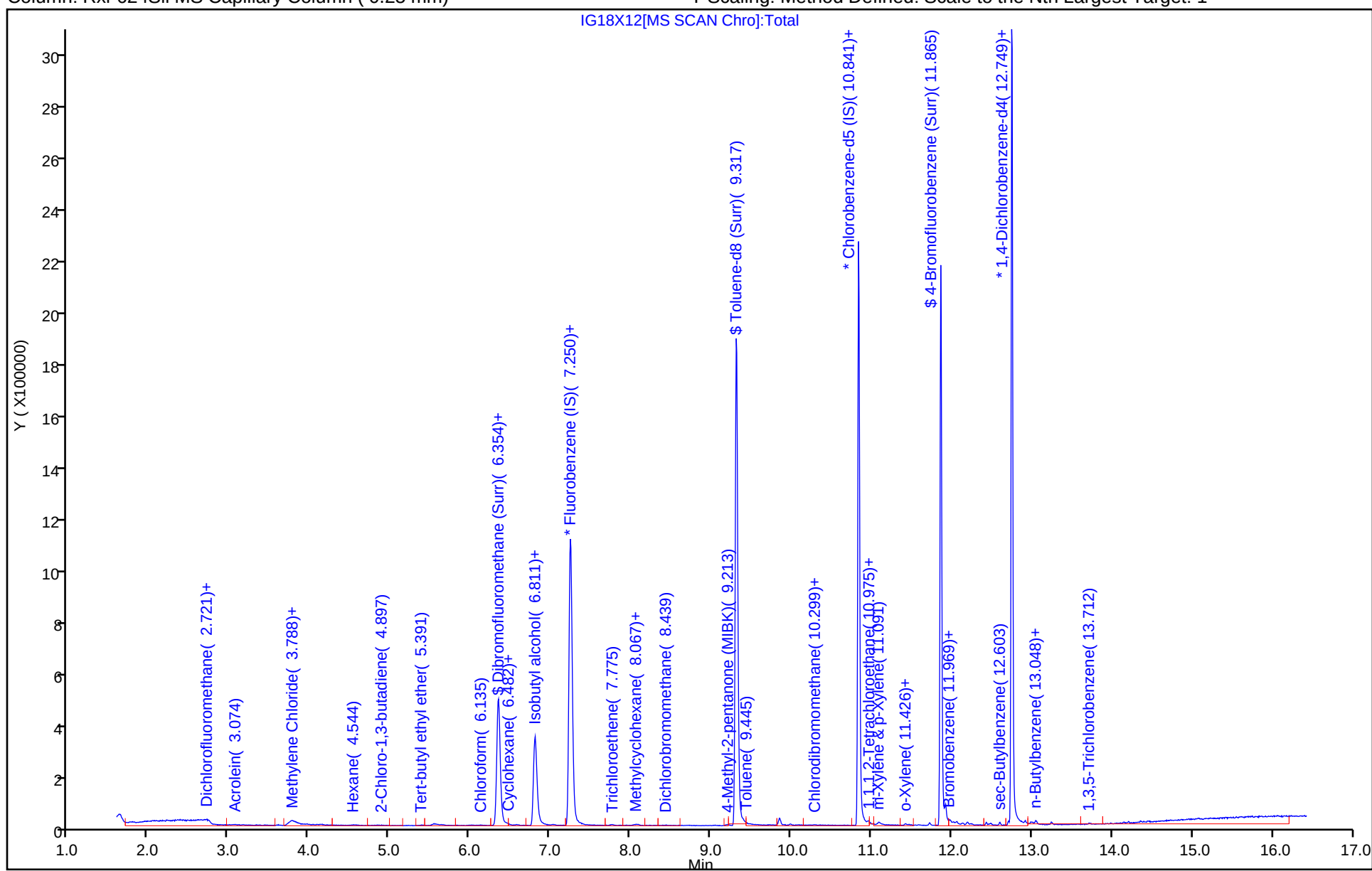
ALS Bottle#: 12

Method: 8260 25ml HP31

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

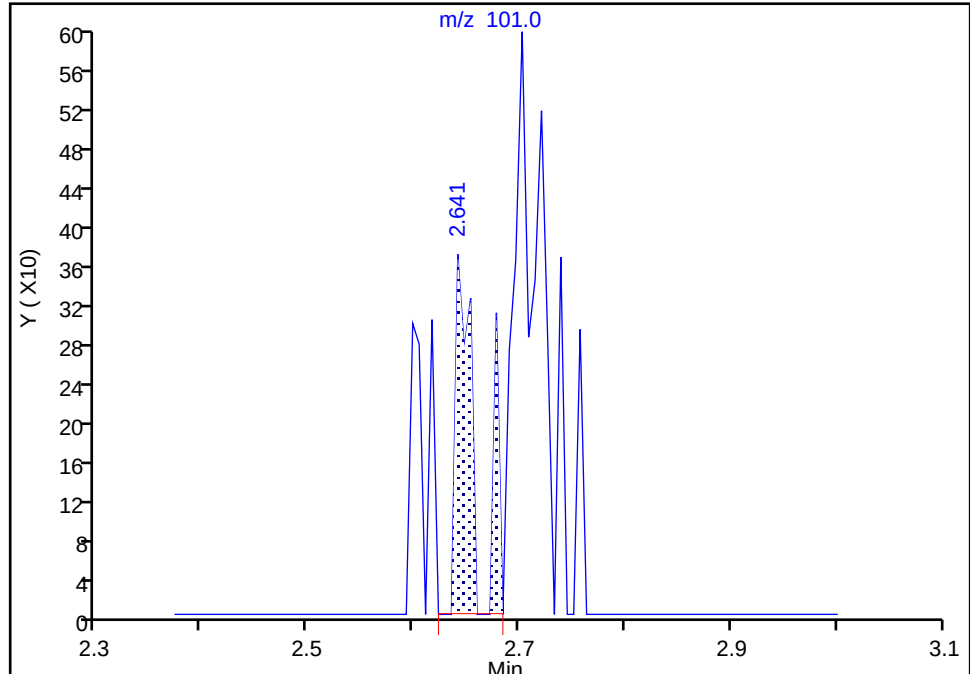
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

10 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

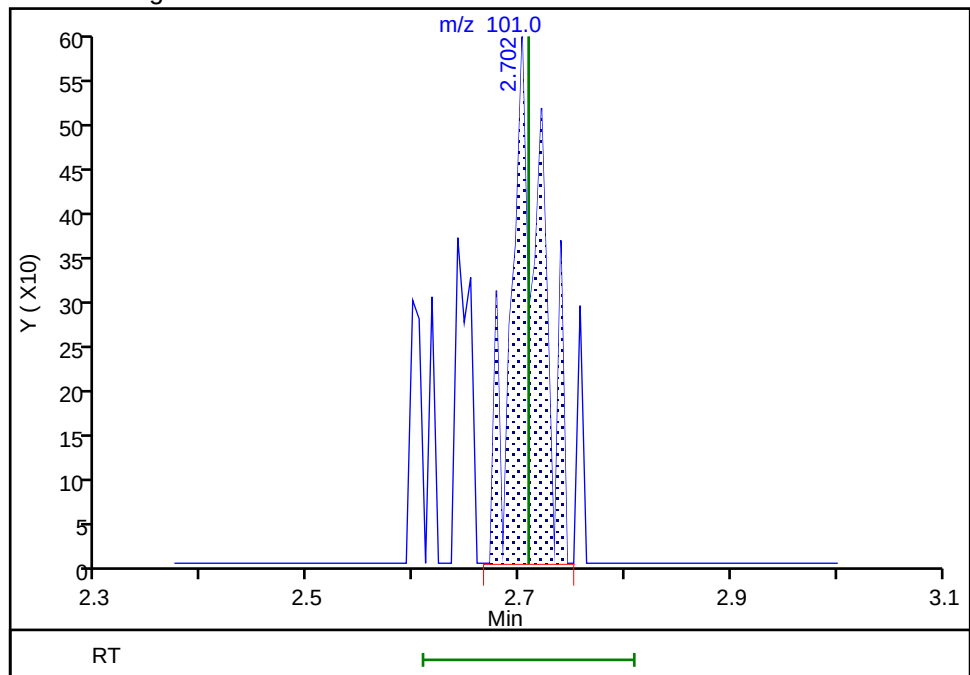
RT: 2.64
Area: 466
Amount: 0.005841
Amount Units: ug/l

Processing Integration Results



RT: 2.70
Area: 1214
Amount: 0.010777
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:47:54 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

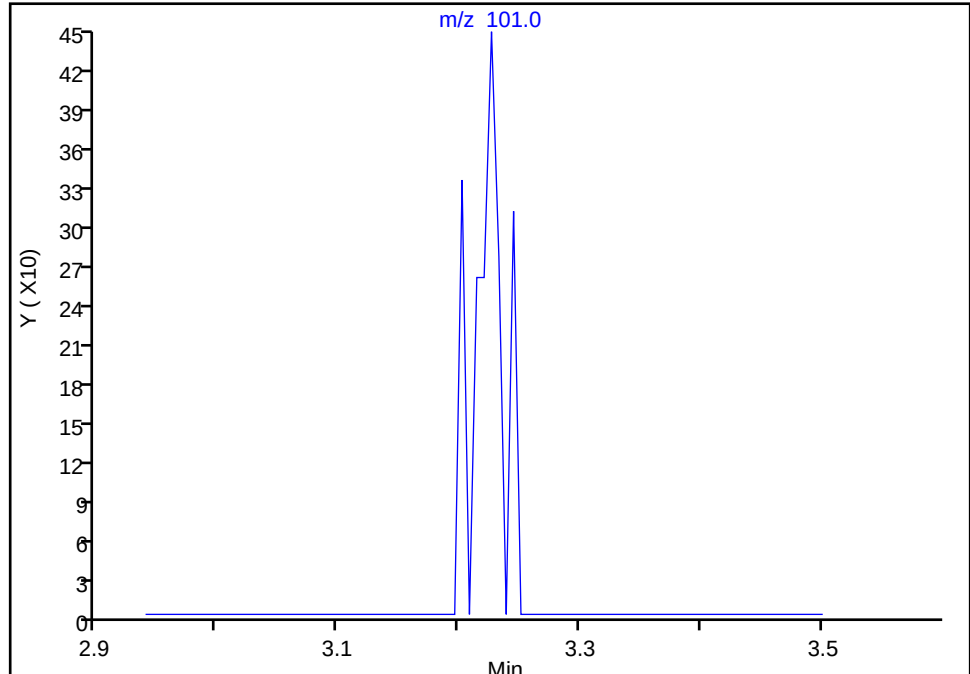
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

17 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

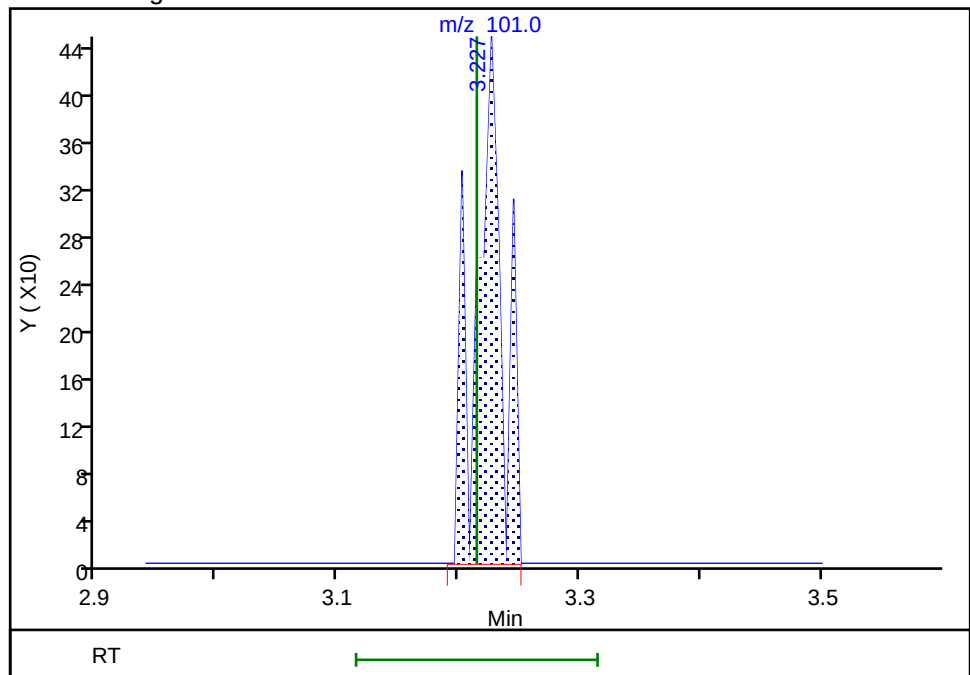
Not Detected
Expected RT: 3.21

Processing Integration Results



RT: 3.23
Area: 690
Amount: 0.015279
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:48:18 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

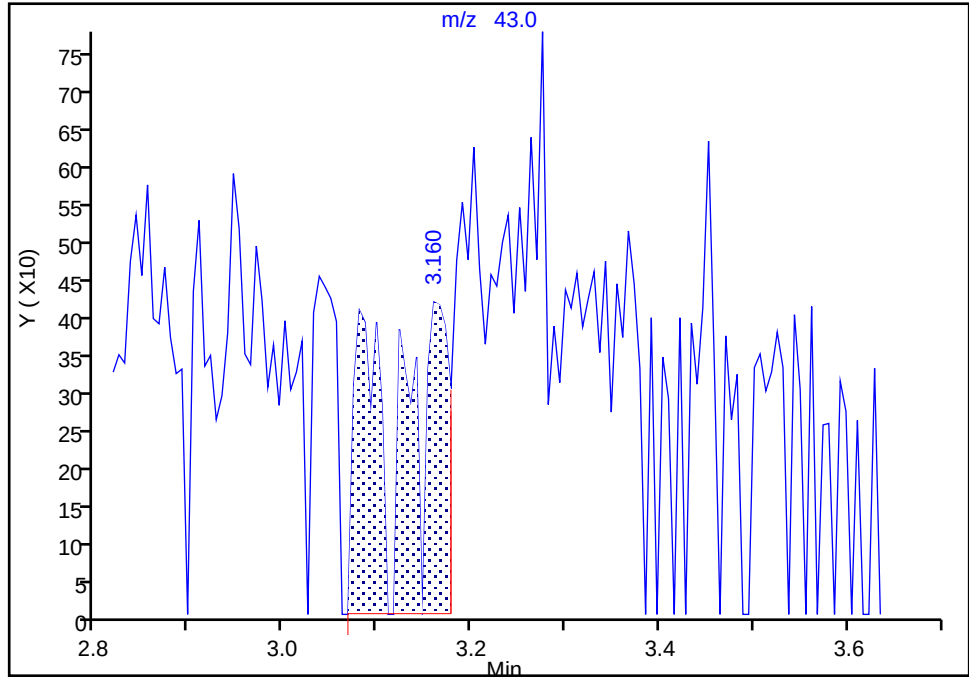
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

16 Acetone, CAS: 67-64-1

Signal: 1

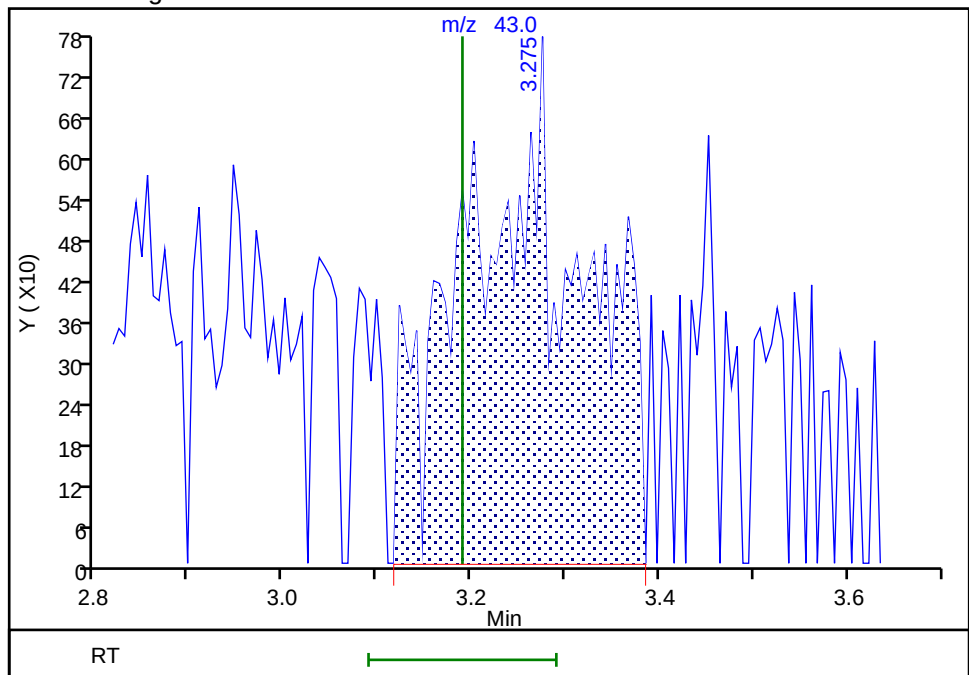
RT: 3.16
Area: 1890
Amount: 0.223451
Amount Units: ug/l

Processing Integration Results



RT: 3.28
Area: 6541
Amount: 0.974287
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:48:10 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

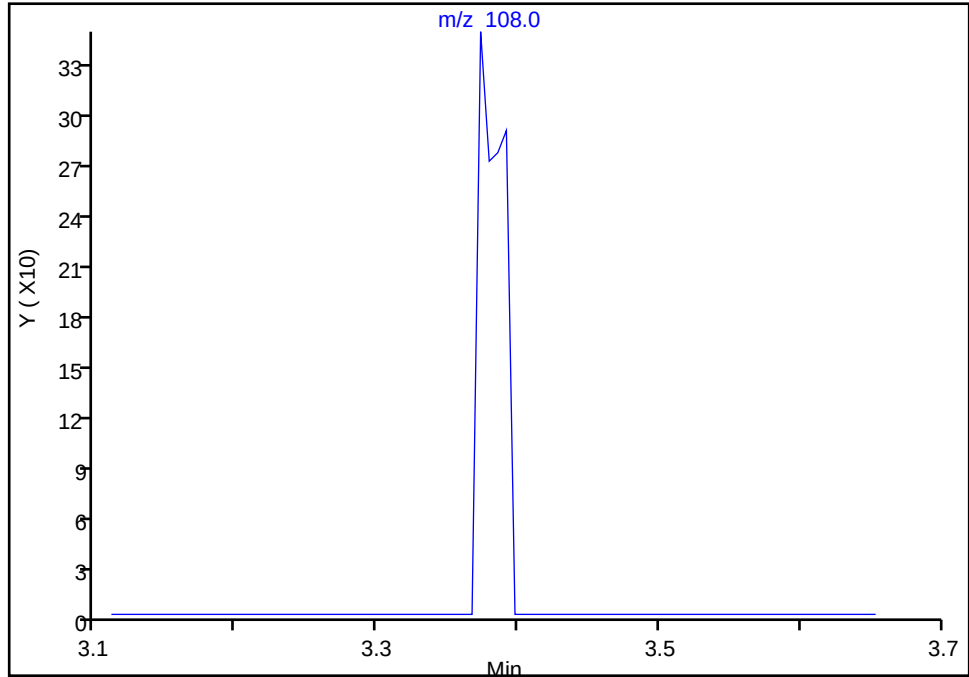
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

19 Ethyl bromide, CAS: 74-96-4

Signal: 1

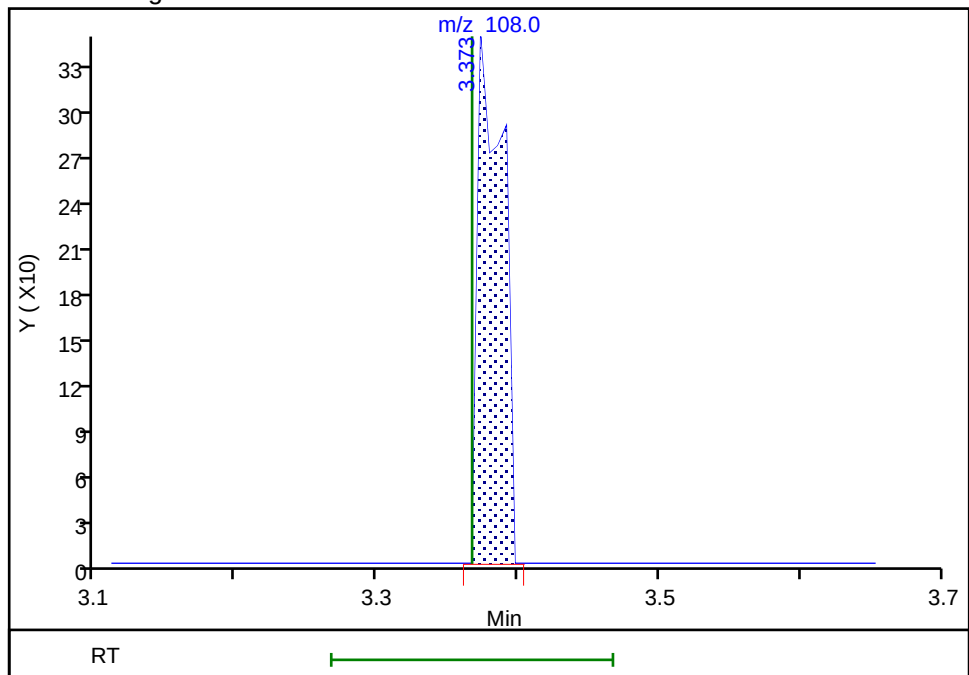
Not Detected
Expected RT: 3.37

Processing Integration Results



RT: 3.37
Area: 425
Amount: 0.009573
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:48:24 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

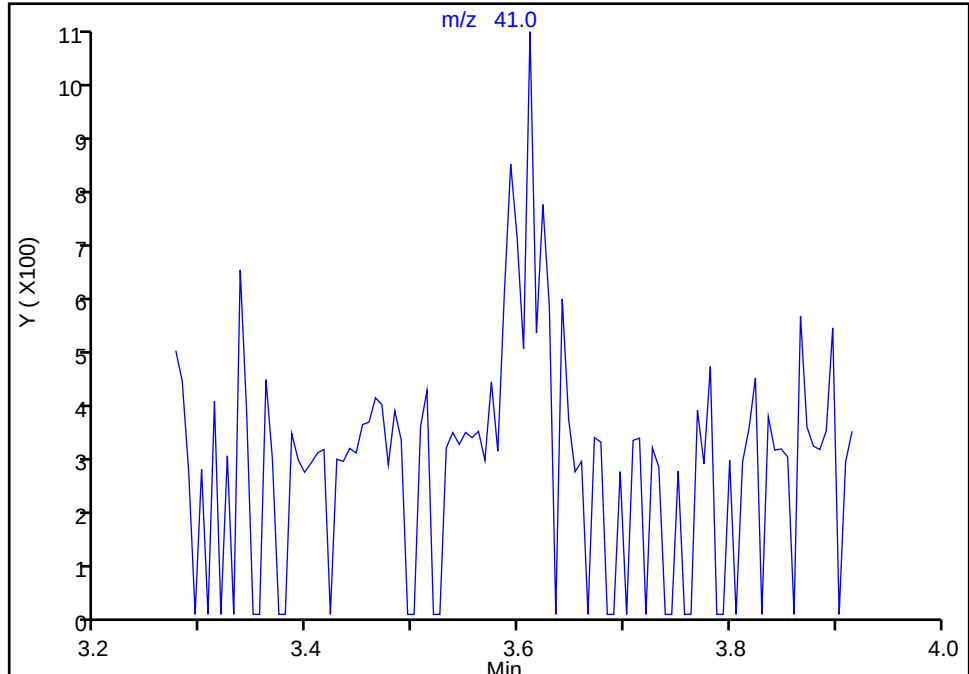
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

24 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

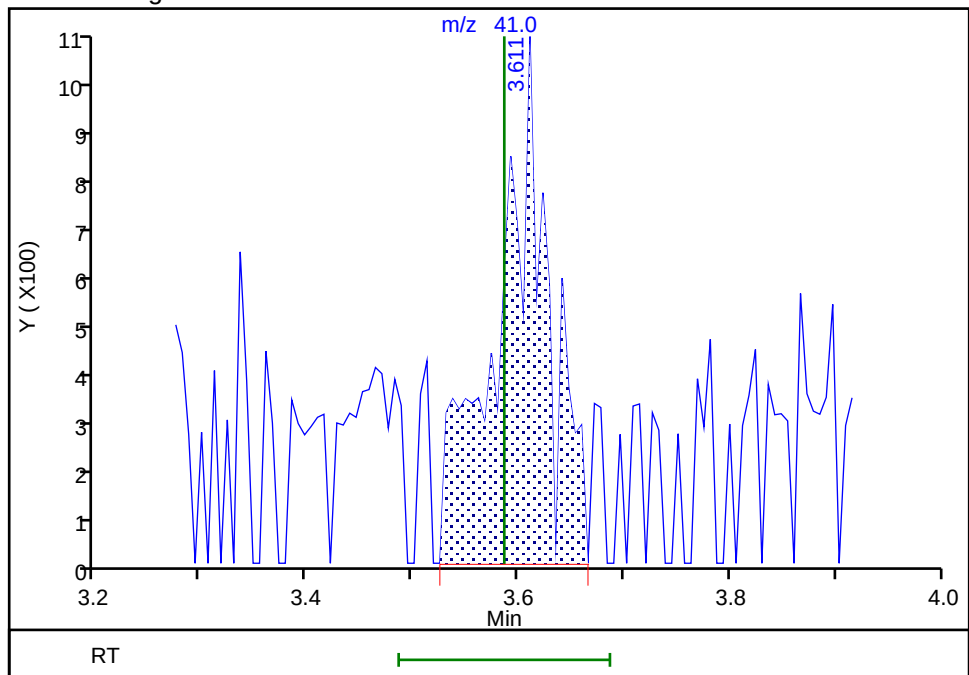
Not Detected
Expected RT: 3.59

Processing Integration Results



RT: 3.61
Area: 3480
Amount: 0.052252
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:48:38 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

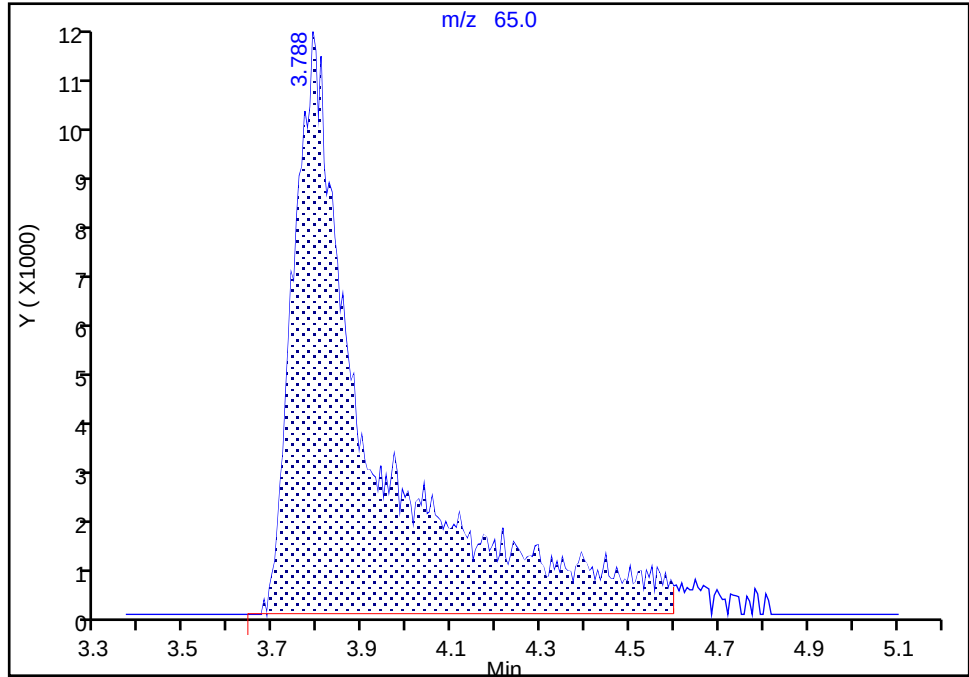
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

* 26 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

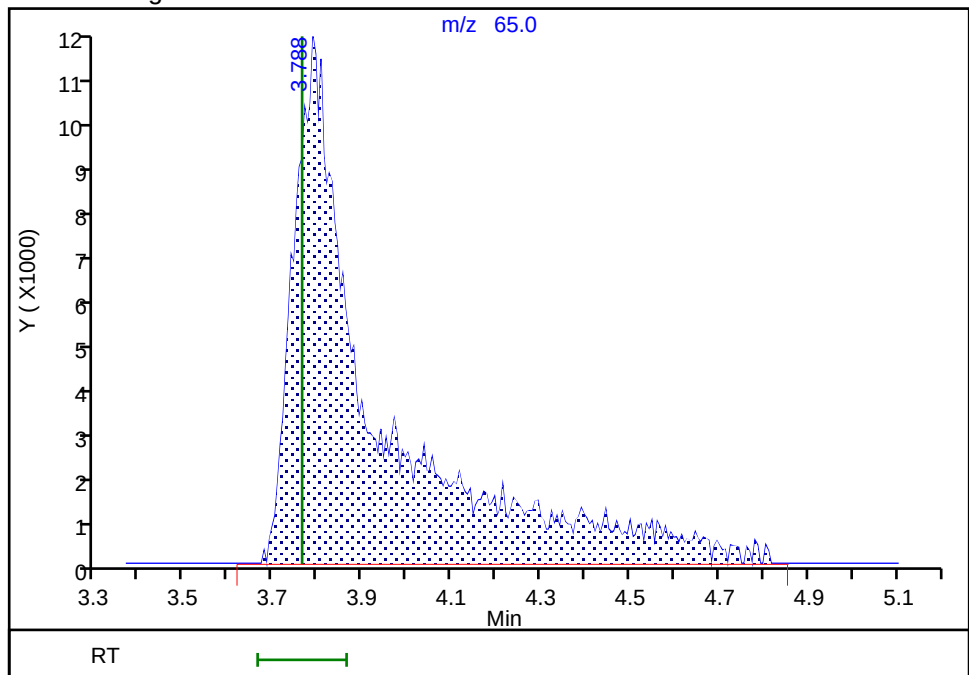
RT: 3.79
Area: 138046
Amount: 50.000000
Amount Units: ug/l

Processing Integration Results



RT: 3.79
Area: 142532
Amount: 50.000000
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:48:47 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

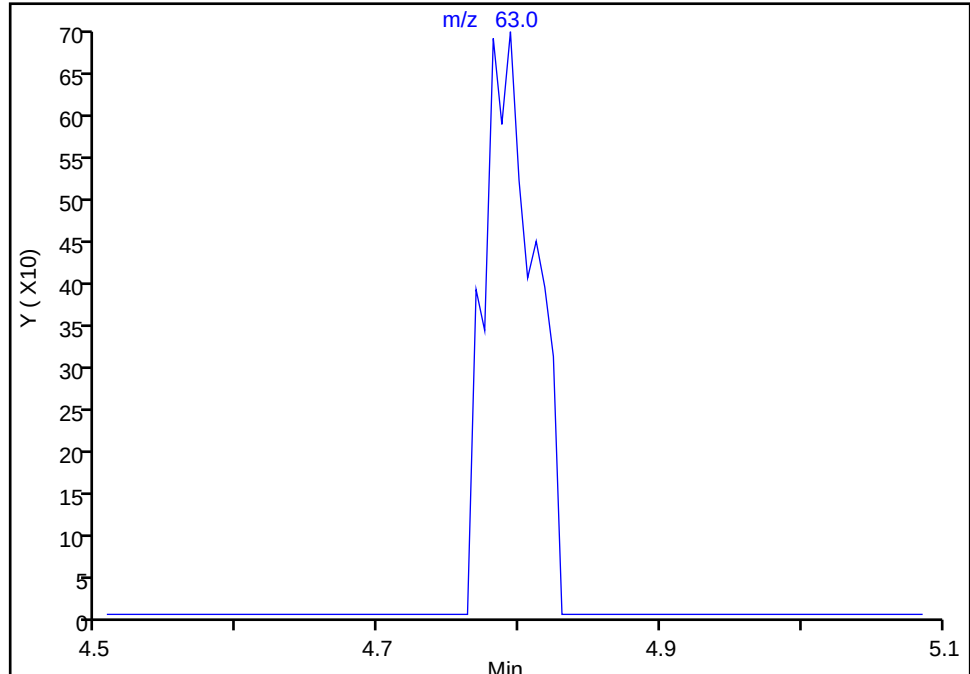
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

32 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

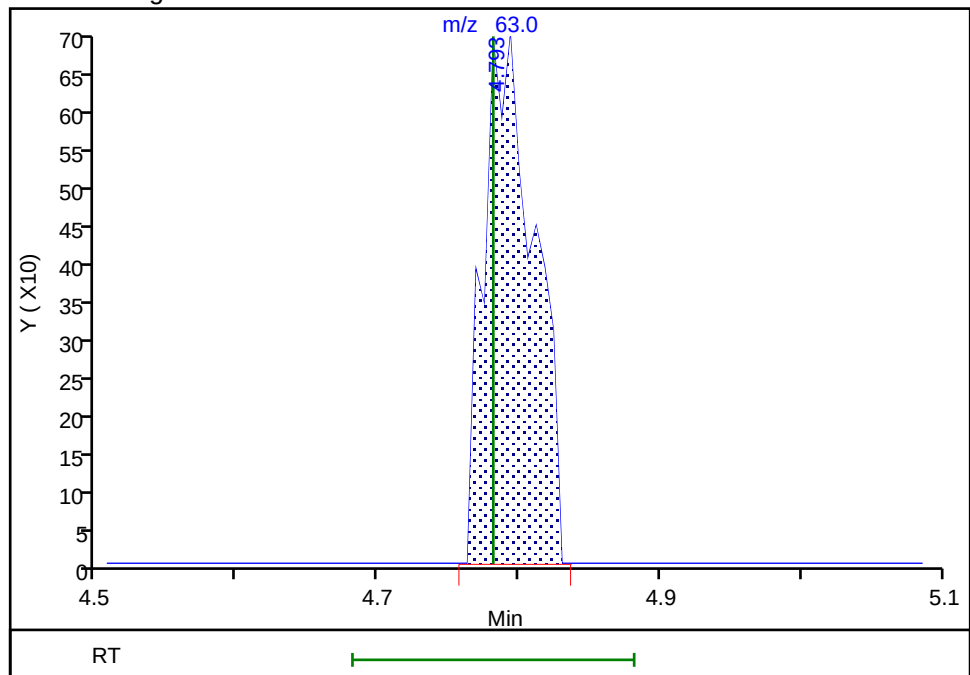
Not Detected
Expected RT: 4.78

Processing Integration Results



RT: 4.79
Area: 1747
Amount: 0.019622
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:48:57 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

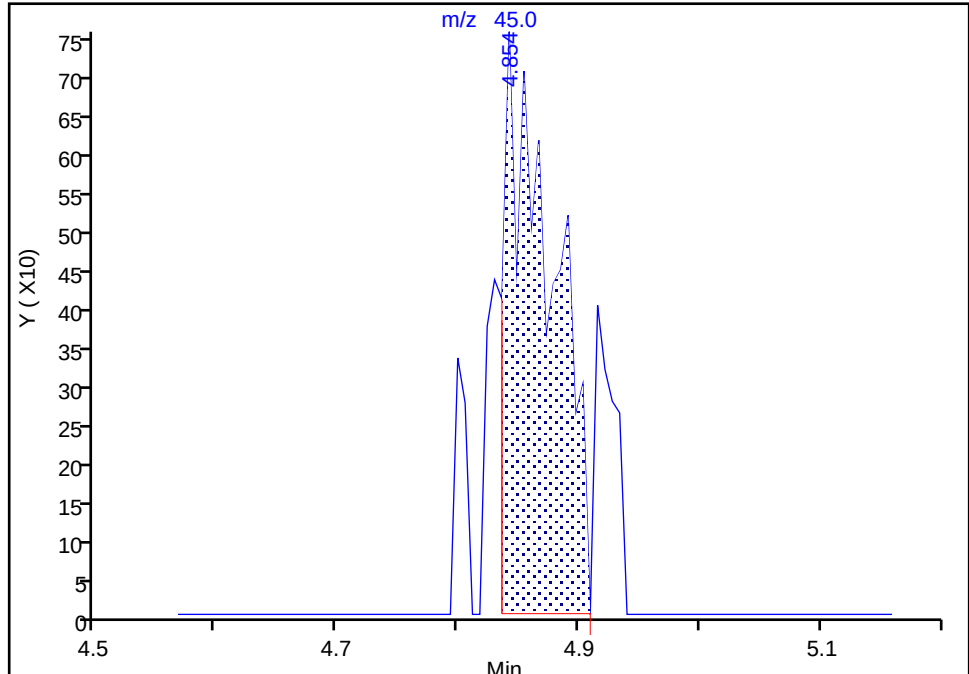
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

35 Isopropyl ether, CAS: 108-20-3

Signal: 1

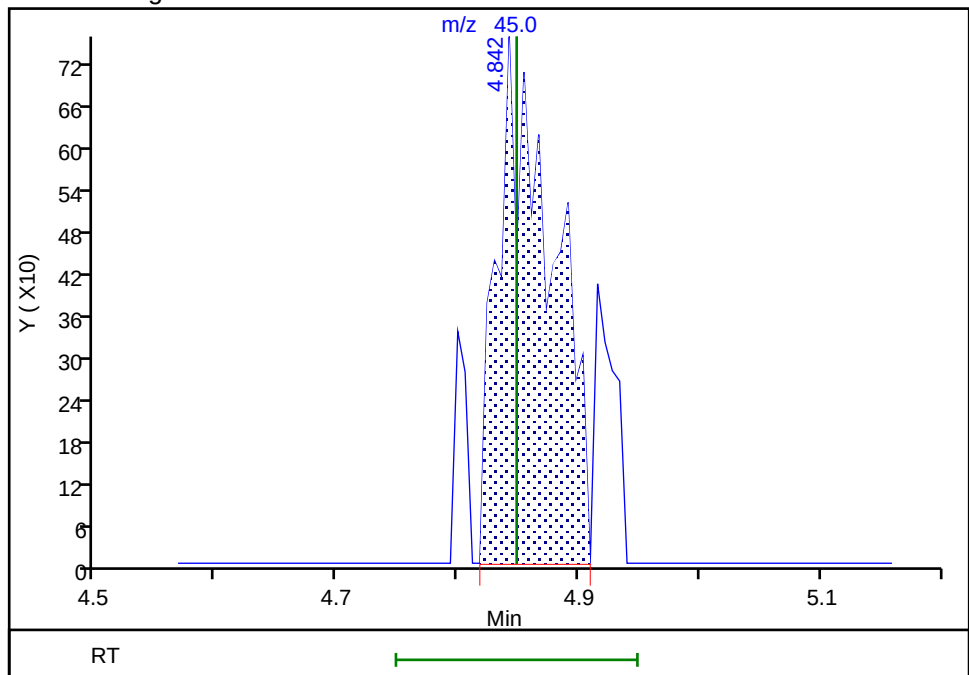
RT: 4.85
Area: 2079
Amount: 0.015619
Amount Units: ug/l

Processing Integration Results



RT: 4.84
Area: 2373
Amount: 0.017612
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:49:04 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

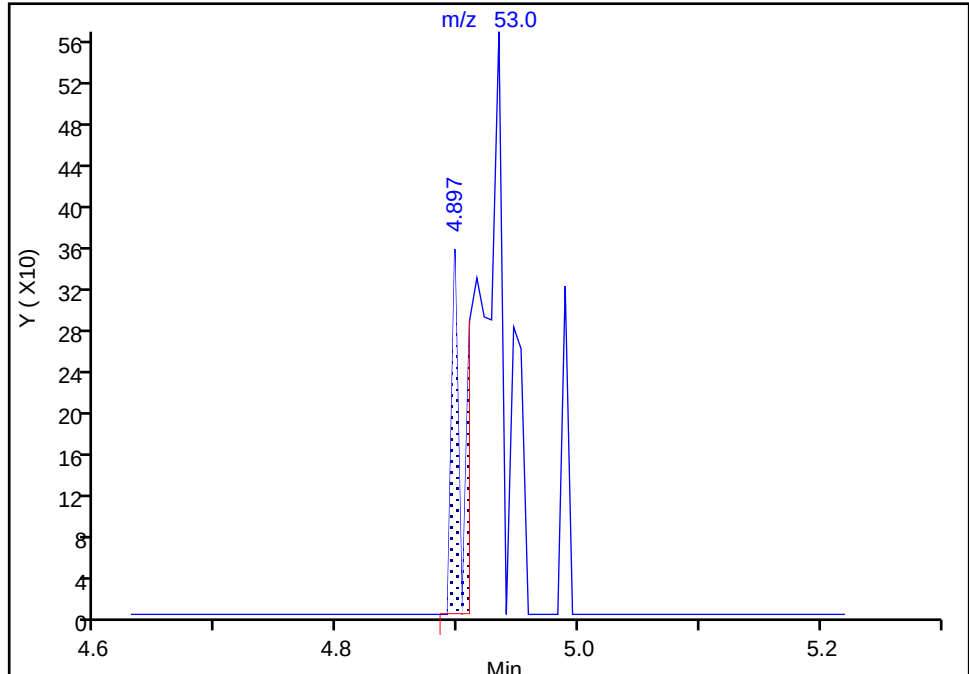
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

36 2-Chloro-1,3-butadiene, CAS: 126-99-8

Signal: 1

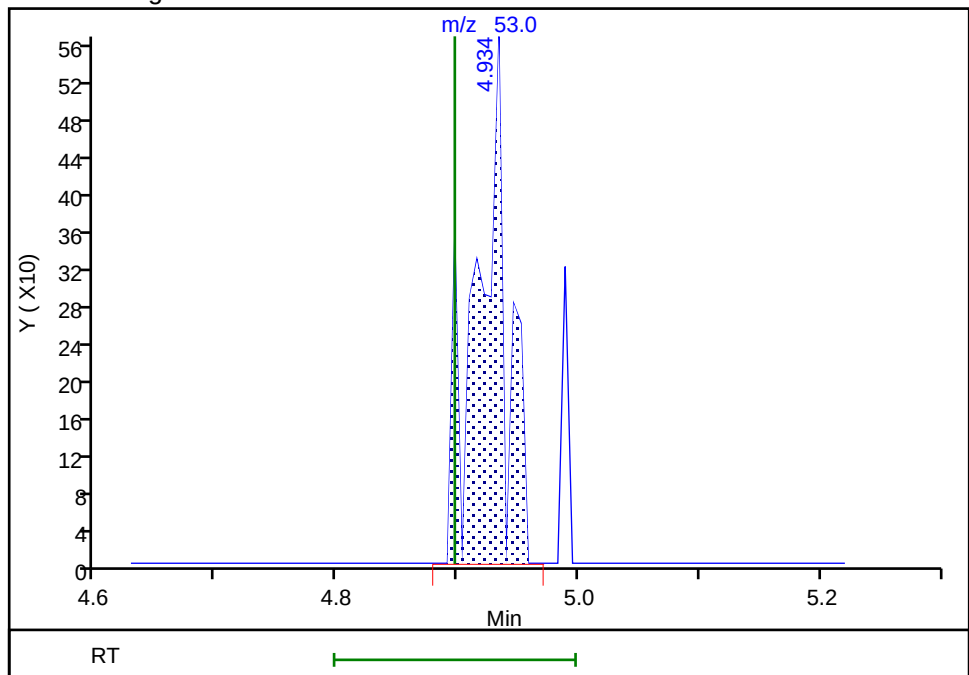
RT: 4.90
Area: 235
Amount: 0.019257
Amount Units: ug/l

Processing Integration Results



RT: 4.93
Area: 971
Amount: 0.014491
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:49:08 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

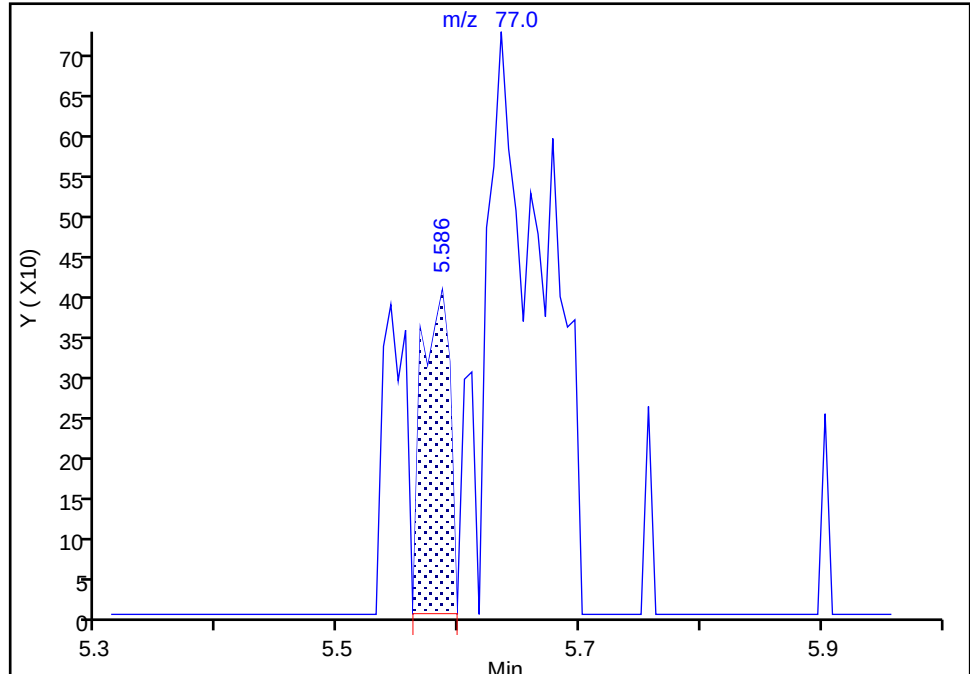
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

40 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

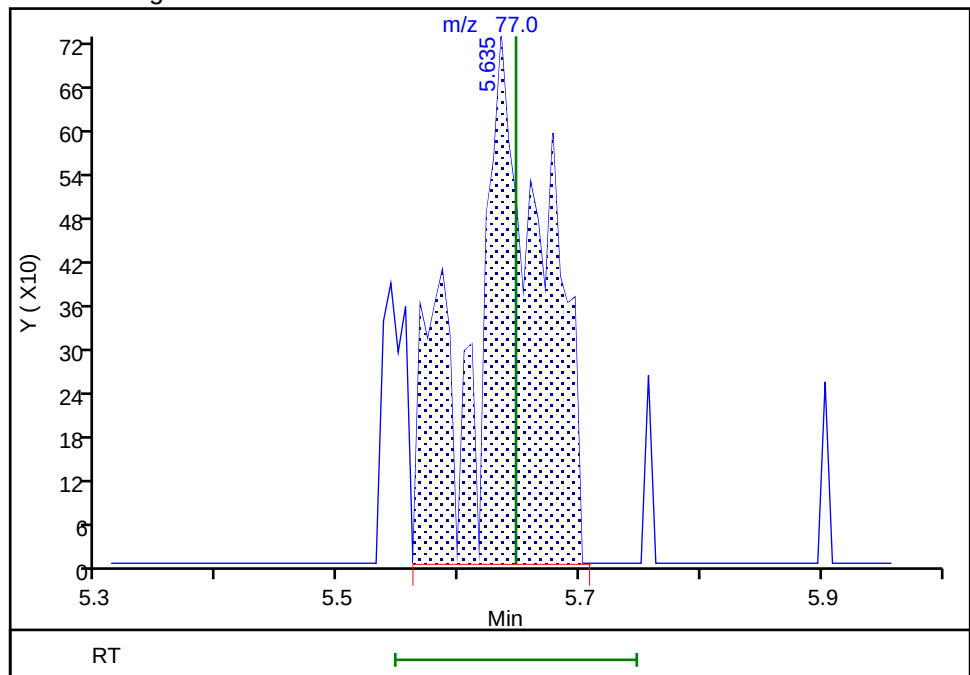
RT: 5.59
Area: 637
Amount: 0.007847
Amount Units: ug/l

Processing Integration Results



RT: 5.63
Area: 3158
Amount: 0.036156
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:49:27 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

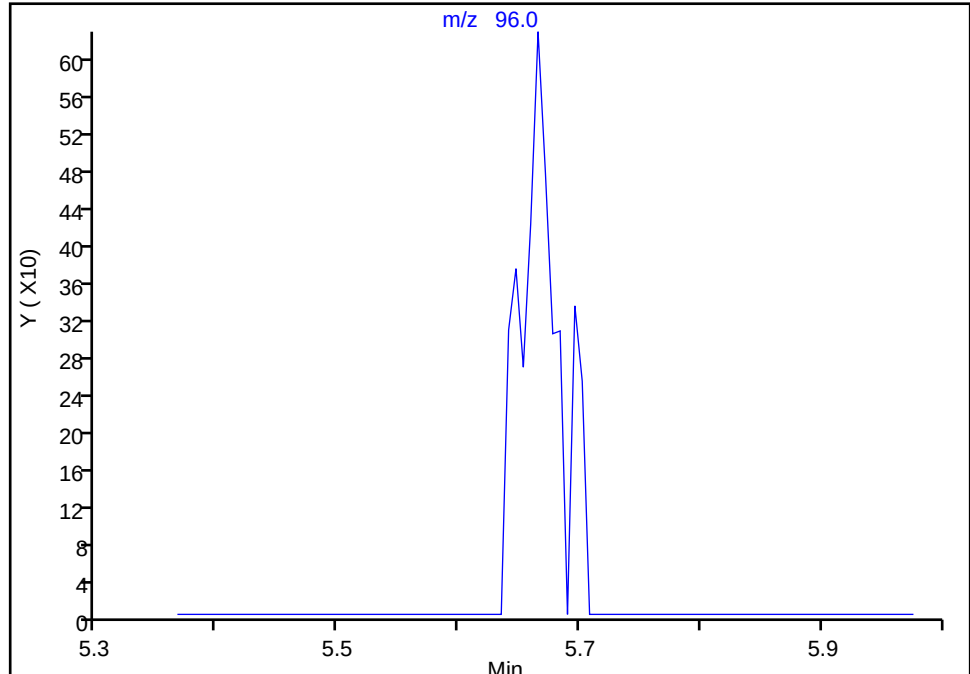
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

39 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

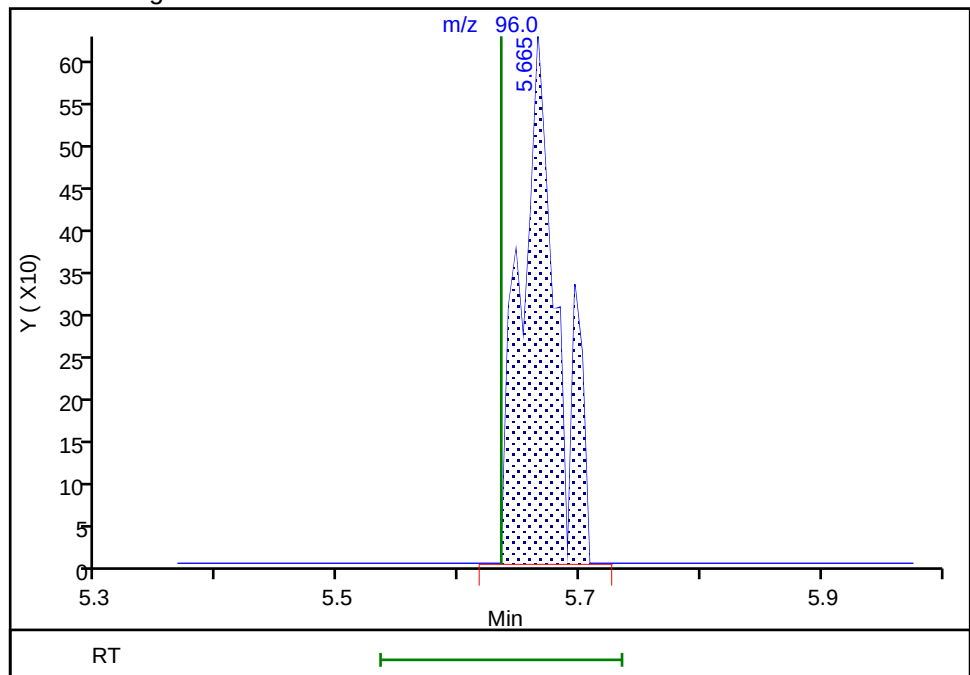
Not Detected
Expected RT: 5.63

Processing Integration Results



RT: 5.67
Area: 1337
Amount: 0.021610
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:49:19 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

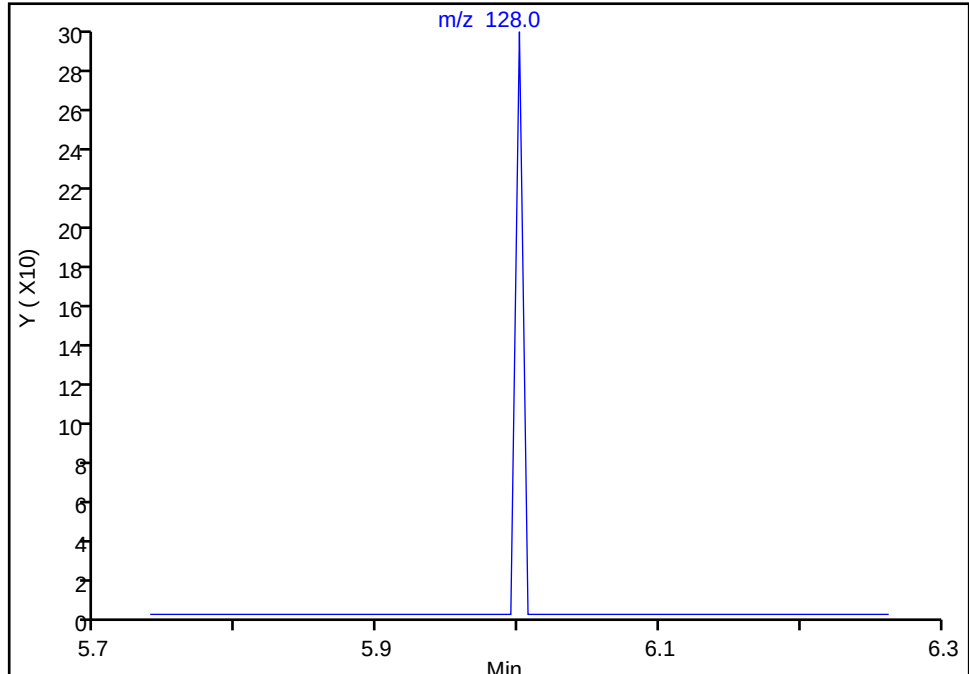
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

46 Chlorobromomethane, CAS: 74-97-5

Signal: 1

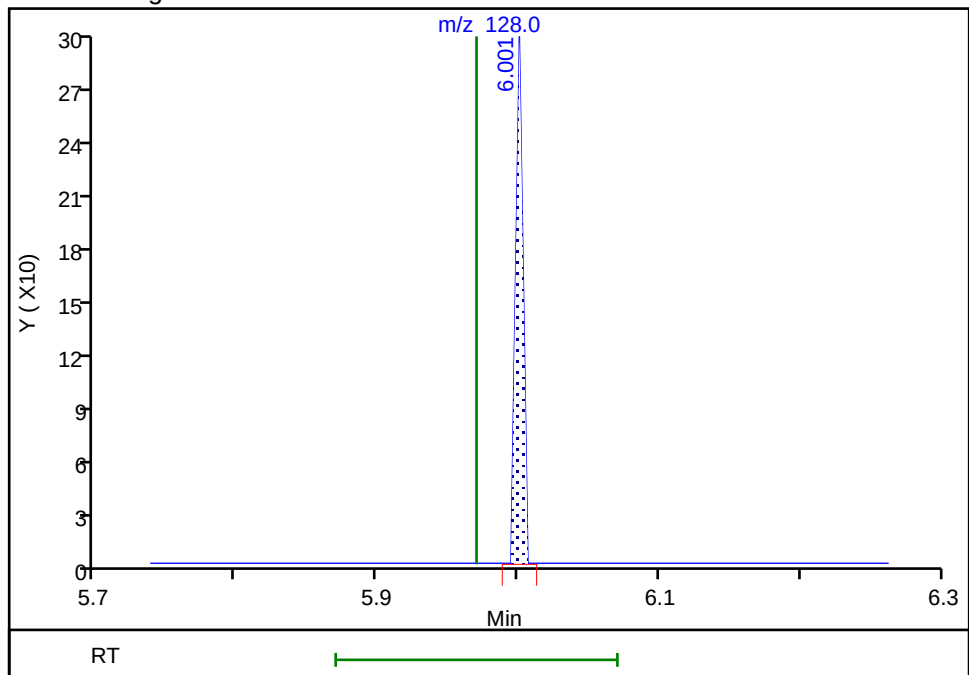
Not Detected
Expected RT: 5.97

Processing Integration Results



RT: 6.00
Area: 108
Amount: 0.003556
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:49:35 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

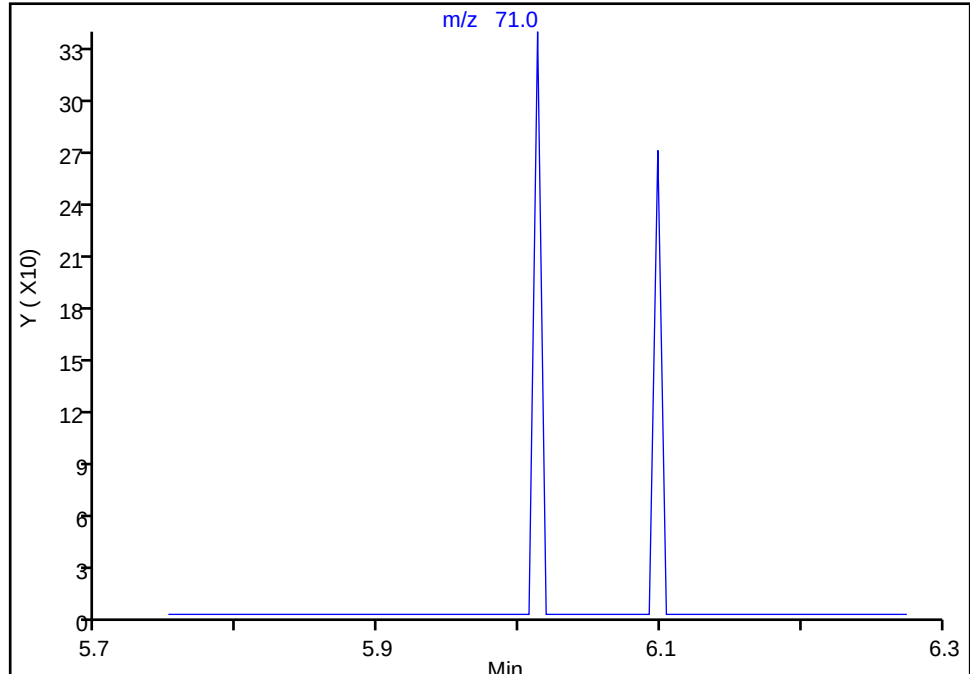
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

47 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

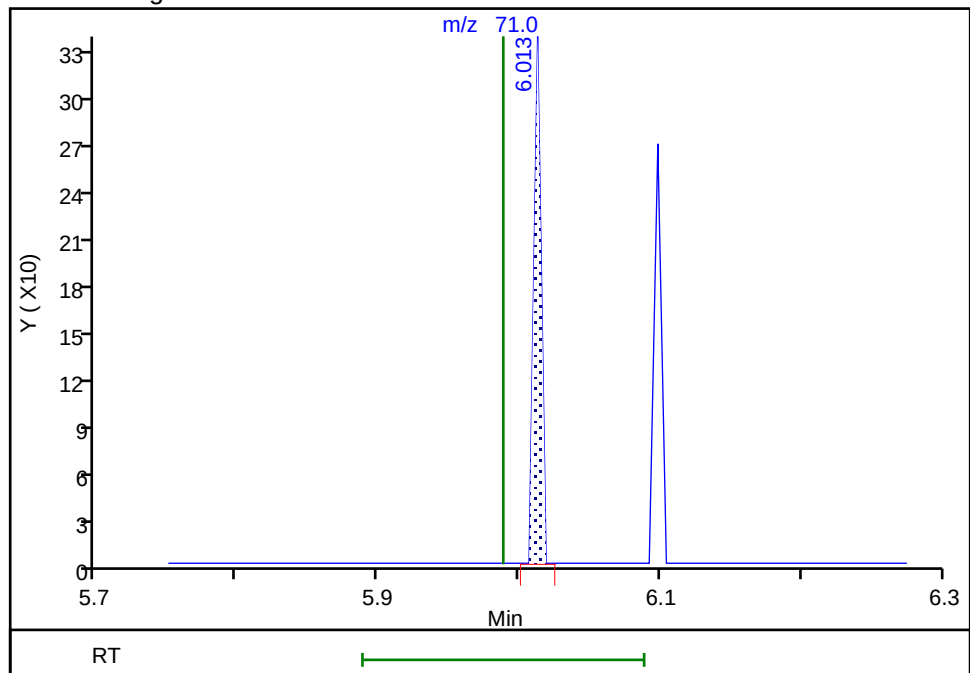
Not Detected
Expected RT: 5.99

Processing Integration Results



RT: 6.01
Area: 122
Amount: 0.028387
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:49:43 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

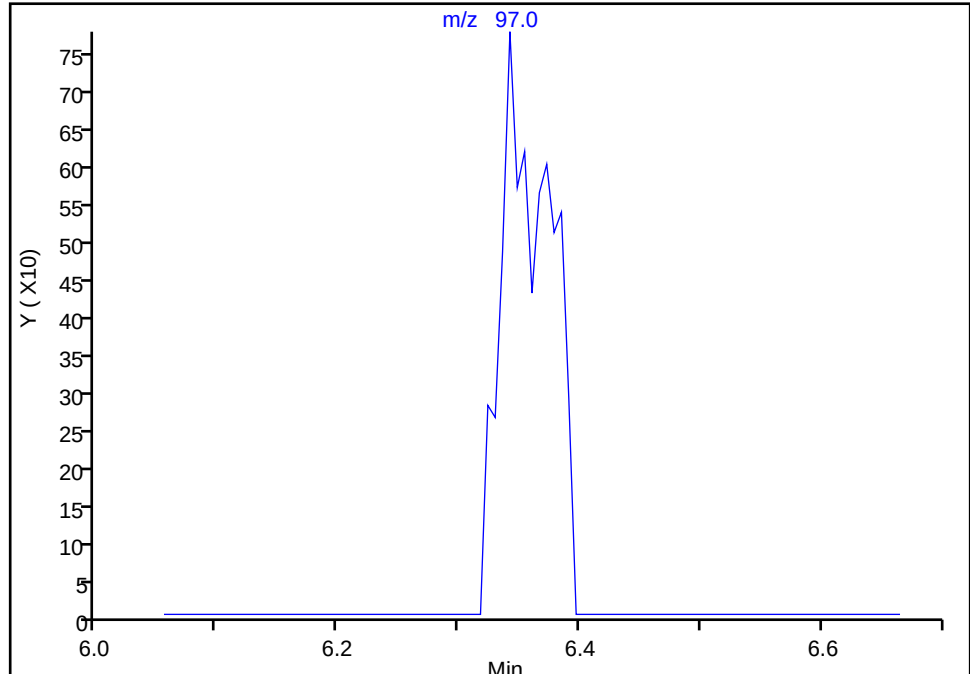
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Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

50 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

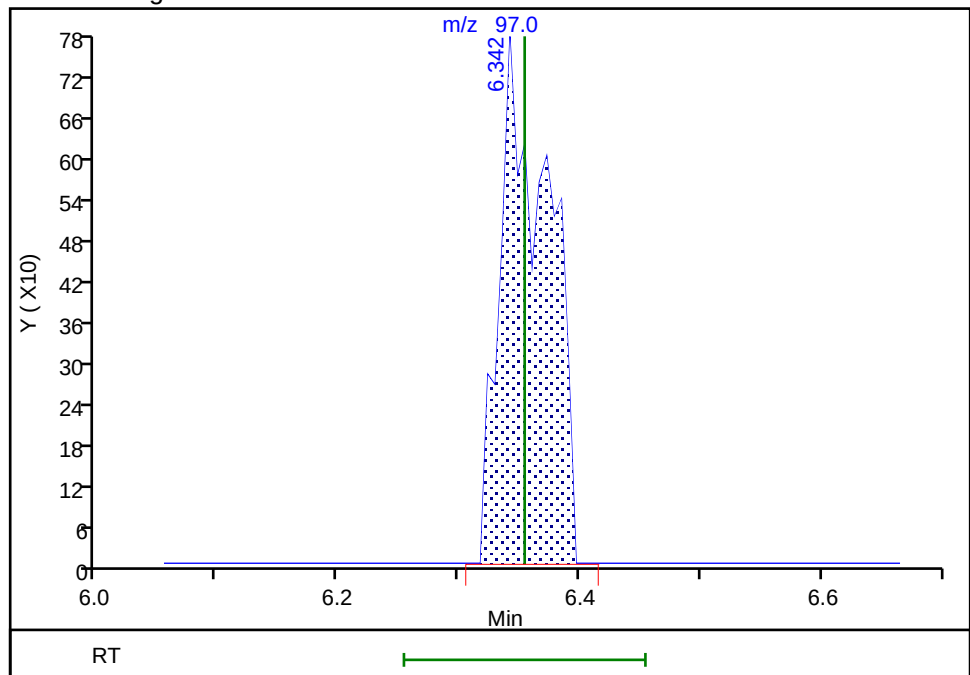
Not Detected
Expected RT: 6.35

Processing Integration Results



RT: 6.34
Area: 2165
Amount: 0.022214
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:49:56 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

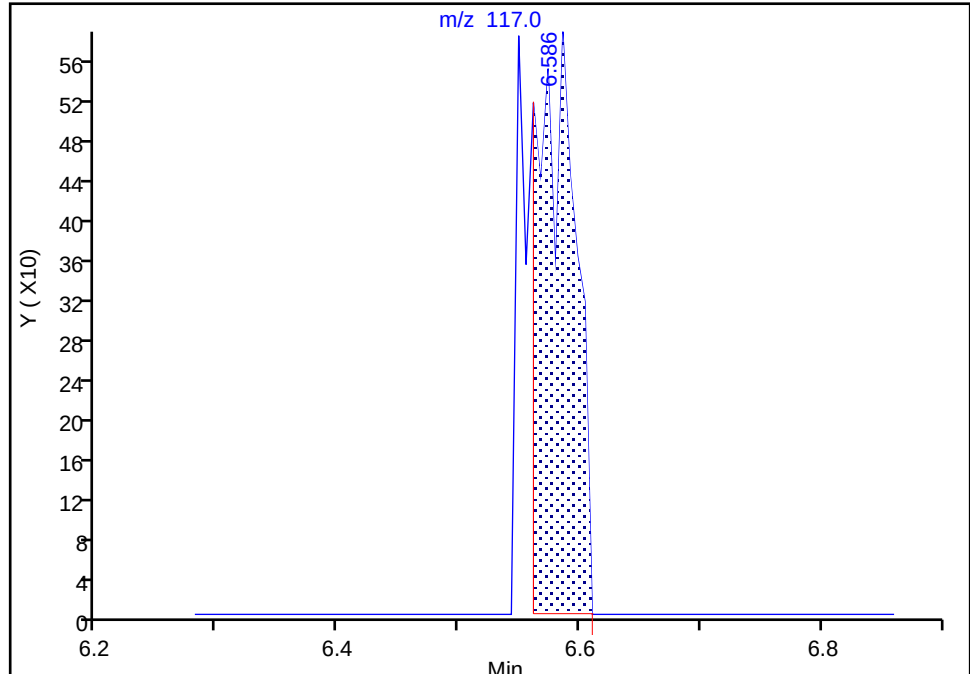
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

54 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

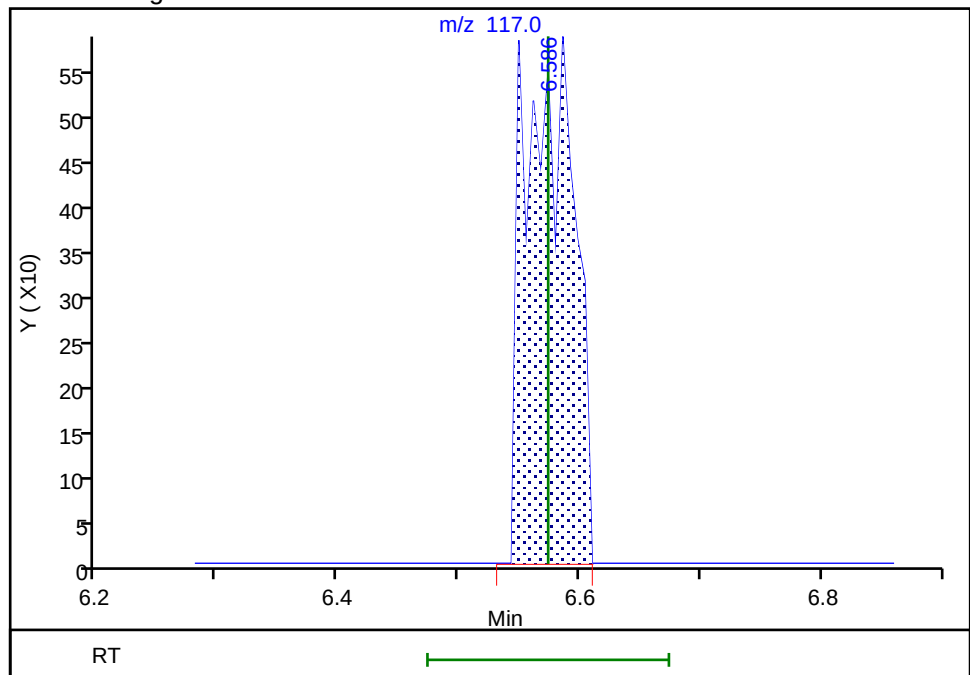
RT: 6.59
Area: 1290
Amount: 0.015005
Amount Units: ug/l

Processing Integration Results



RT: 6.59
Area: 1630
Amount: 0.018535
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:50:05 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

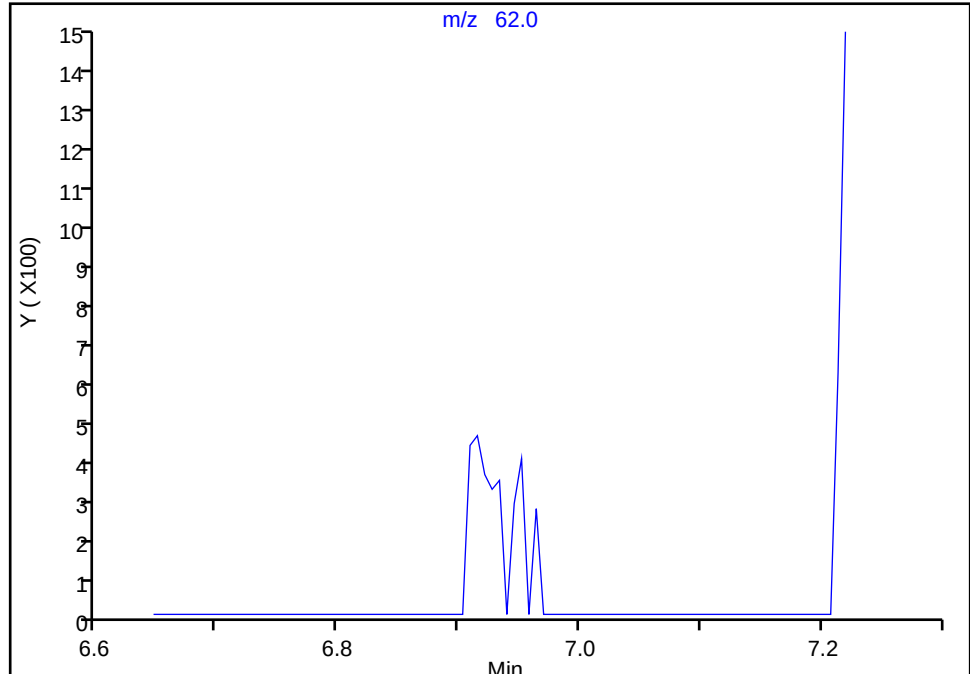
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

58 1,2-Dichloroethane, CAS: 107-06-2

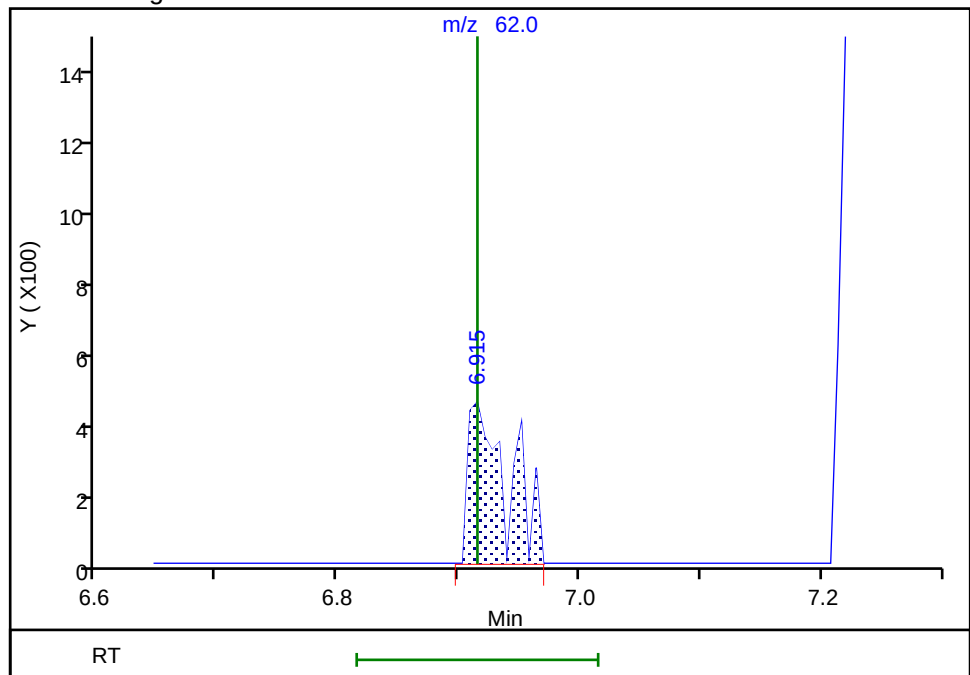
Signal: 1

Not Detected
Expected RT: 6.92

Processing Integration Results



Manual Integration Results



RT: 6.92
Area: 1053
Amount: 0.017914
Amount Units: ug/l

Reviewer: N7YK, 20-Aug-2025 11:50:18 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

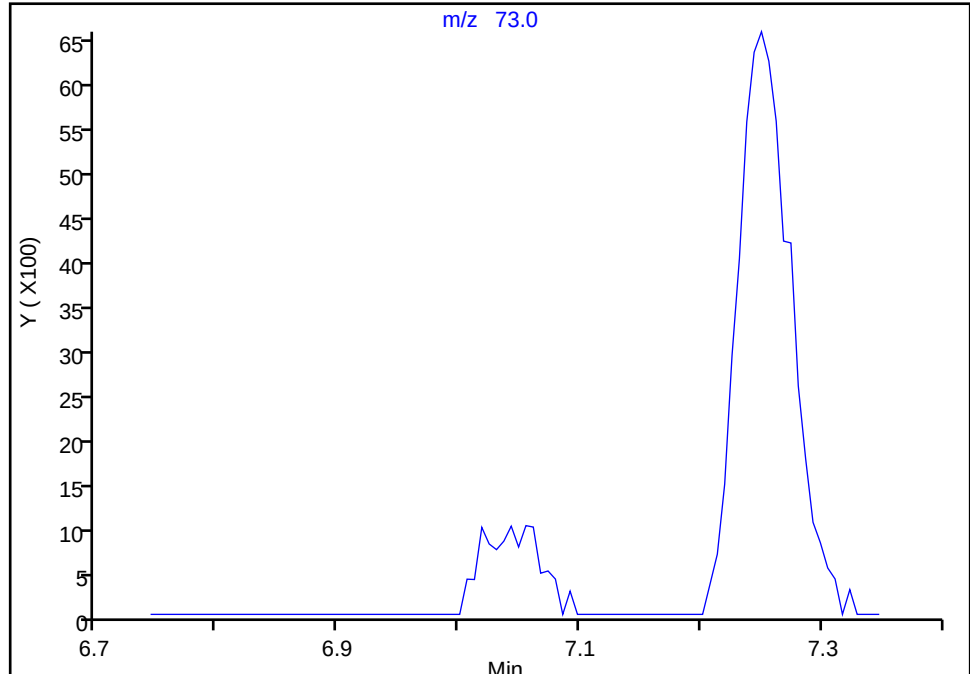
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

60 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

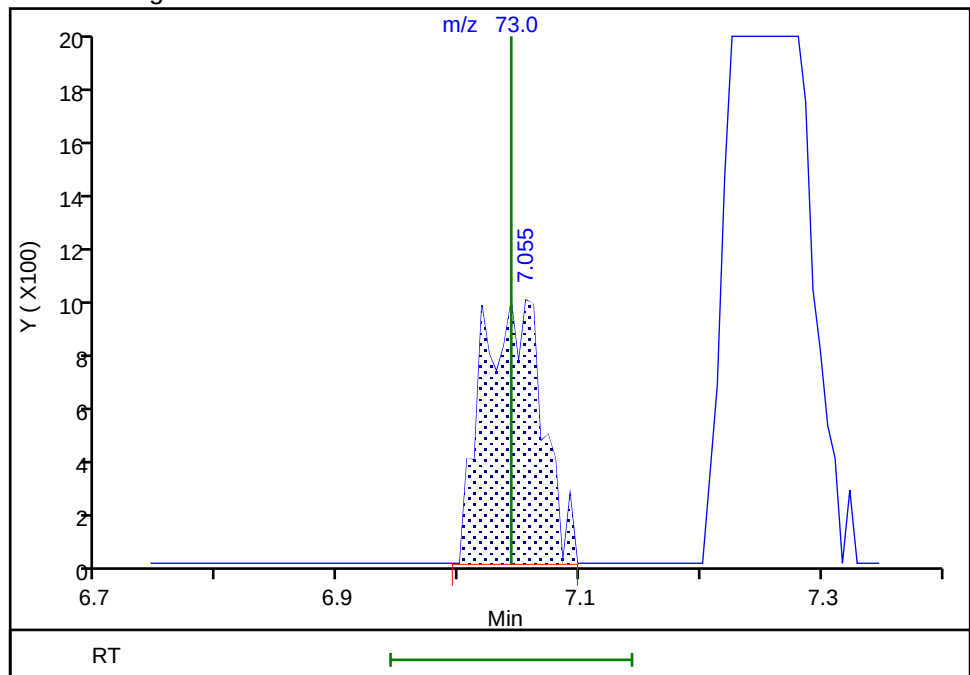
Not Detected
Expected RT: 7.04

Processing Integration Results



RT: 7.06
Area: 3456
Amount: 0.023937
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:50:25 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

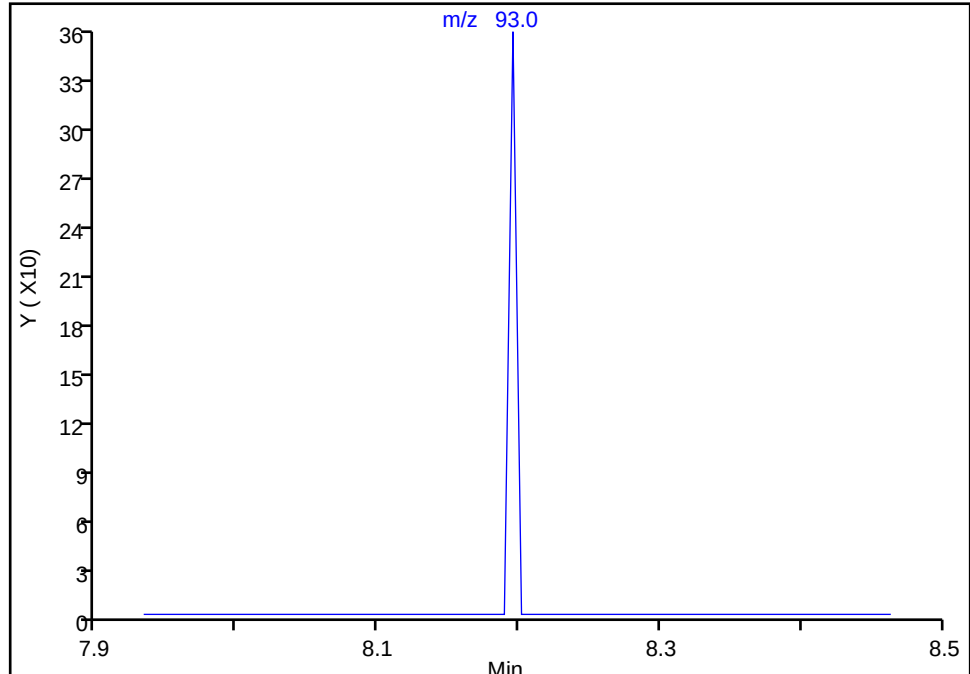
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

69 Dibromomethane, CAS: 74-95-3

Signal: 1

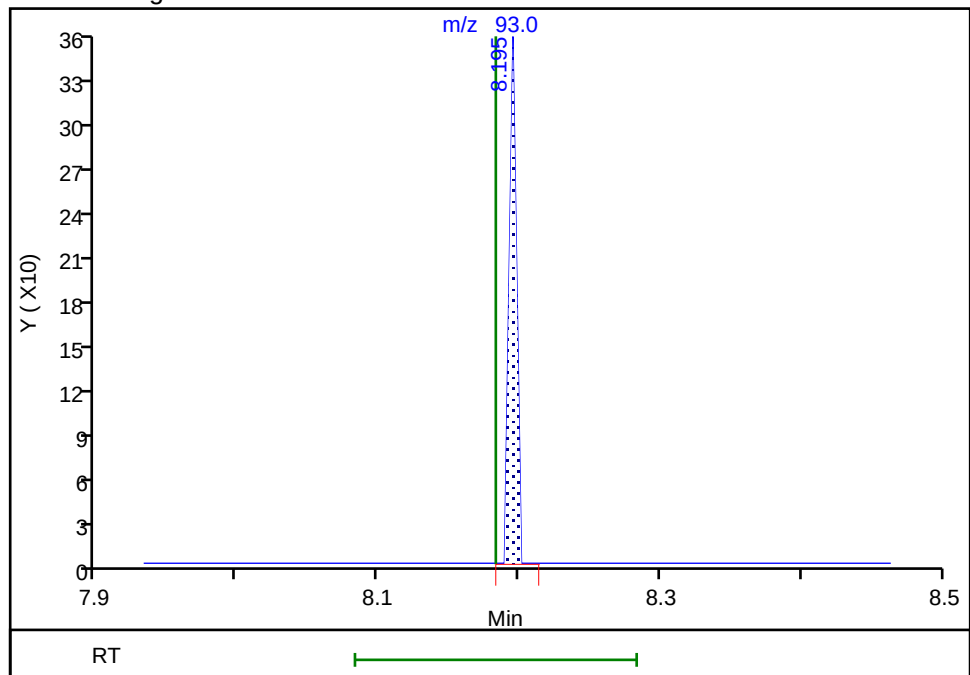
Not Detected
Expected RT: 8.18

Processing Integration Results



RT: 8.20
Area: 129
Amount: 0.004485
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:50:43 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

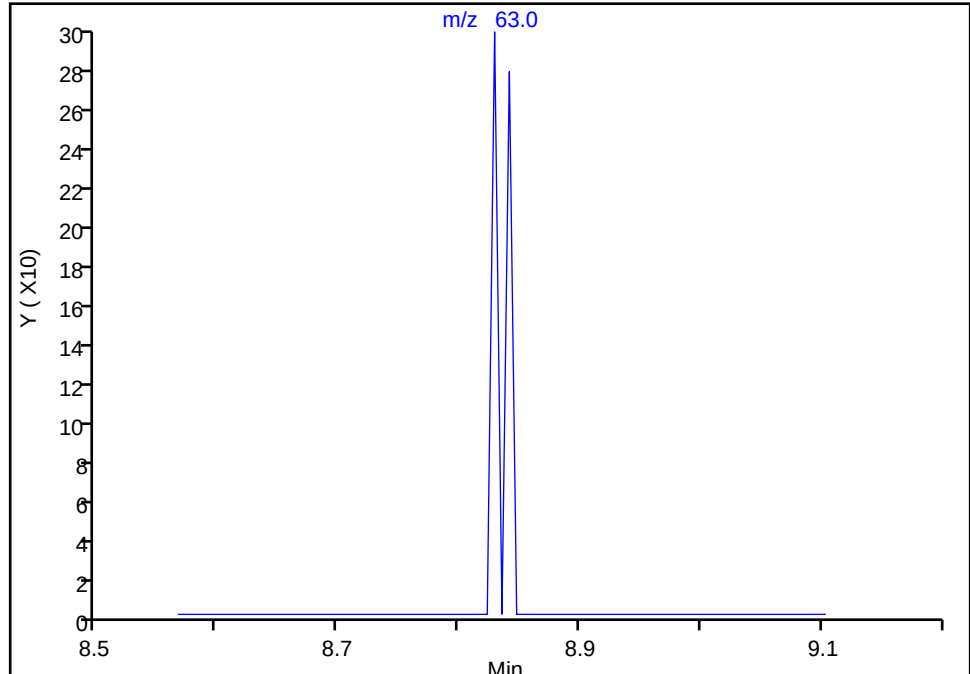
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

75 1-Bromo-2-chloroethane, CAS: 107-04-0

Signal: 1

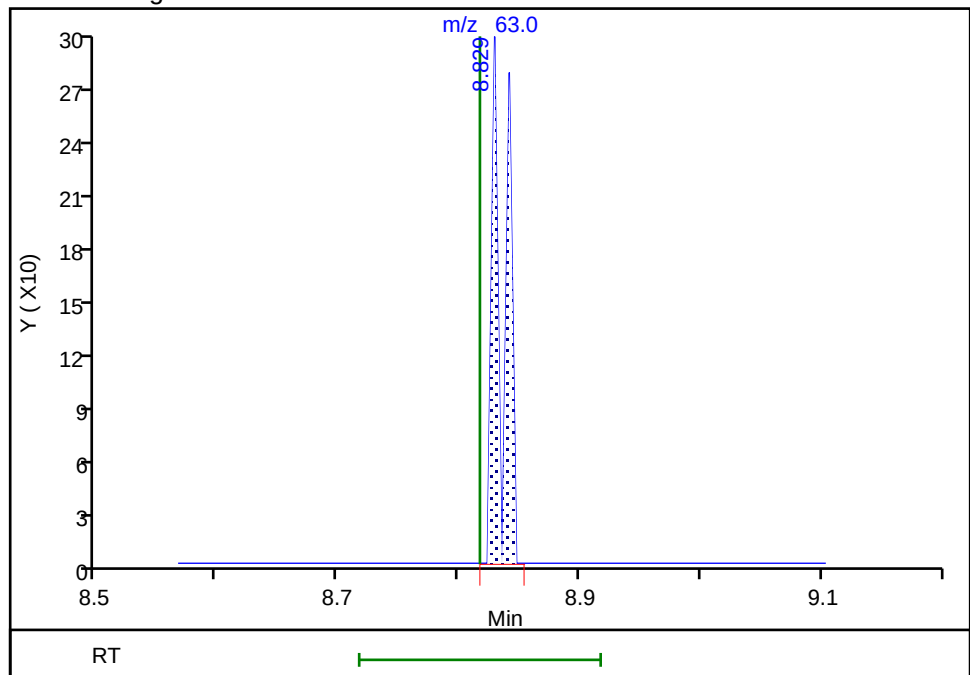
Not Detected
Expected RT: 8.82

Processing Integration Results



RT: 8.83
Area: 207
Amount: 0.004271
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:50:51 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

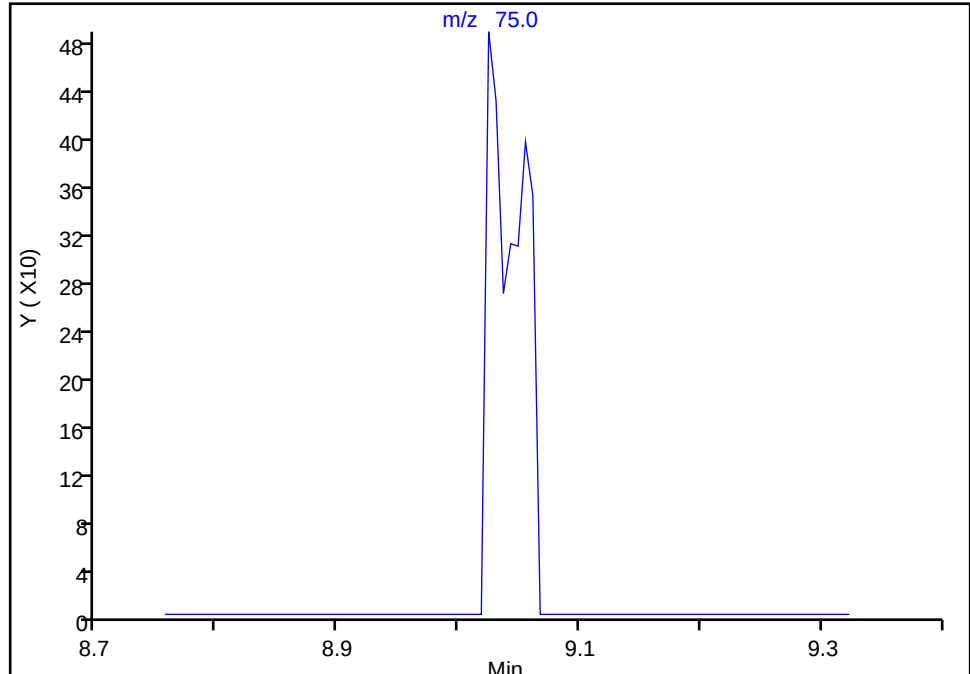
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Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

76 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

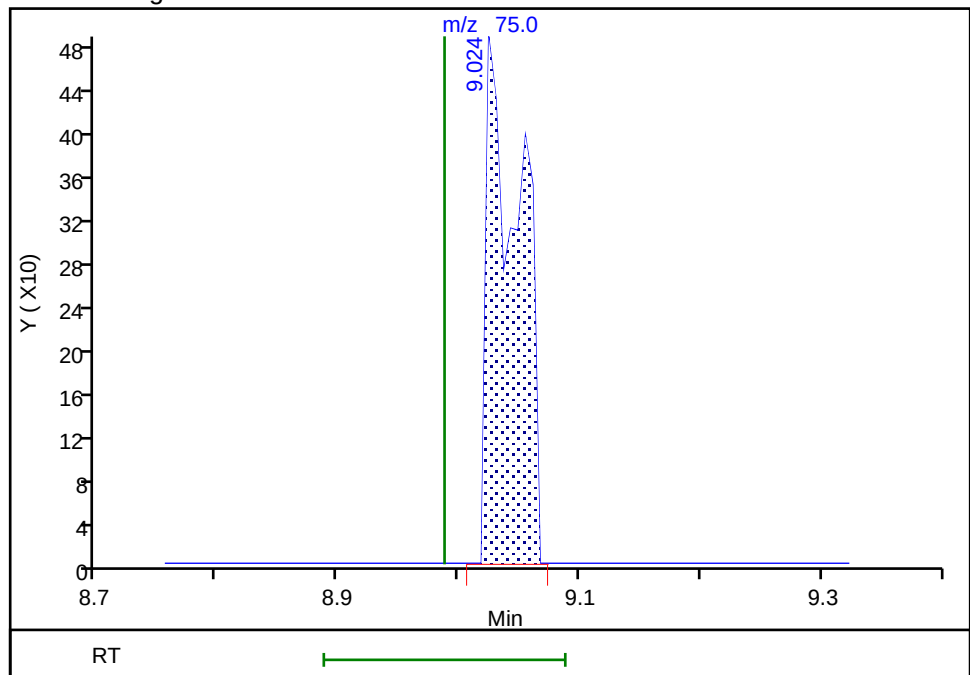
Not Detected
Expected RT: 8.99

Processing Integration Results



RT: 9.02
Area: 920
Amount: 0.012073
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:50:57 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

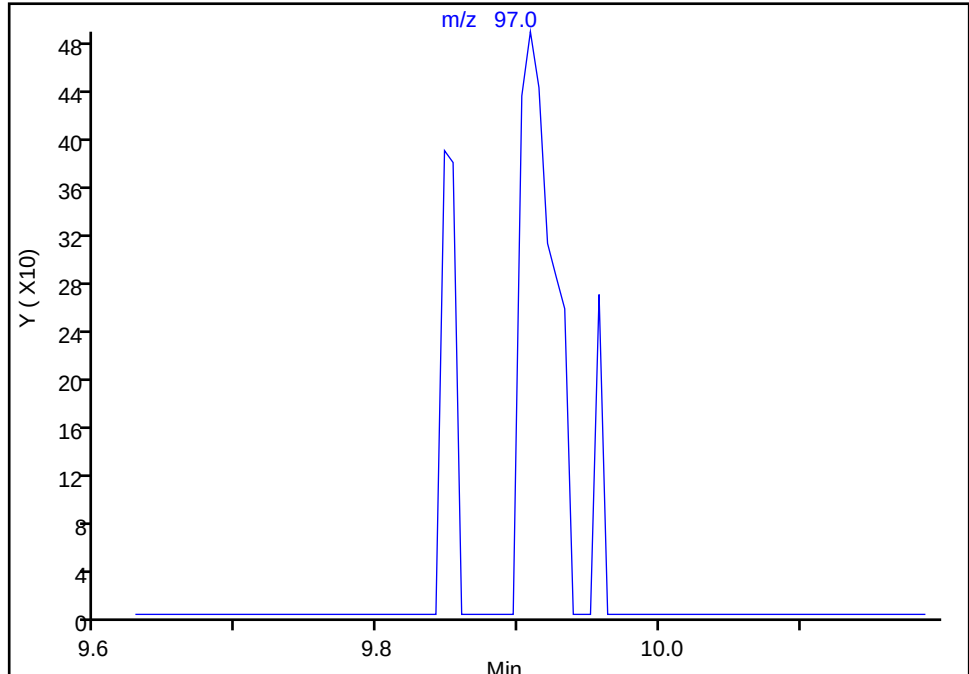
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X12.D
Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

100 1,1,2-Trichloroethane, CAS: 79-00-5
Signal: 1

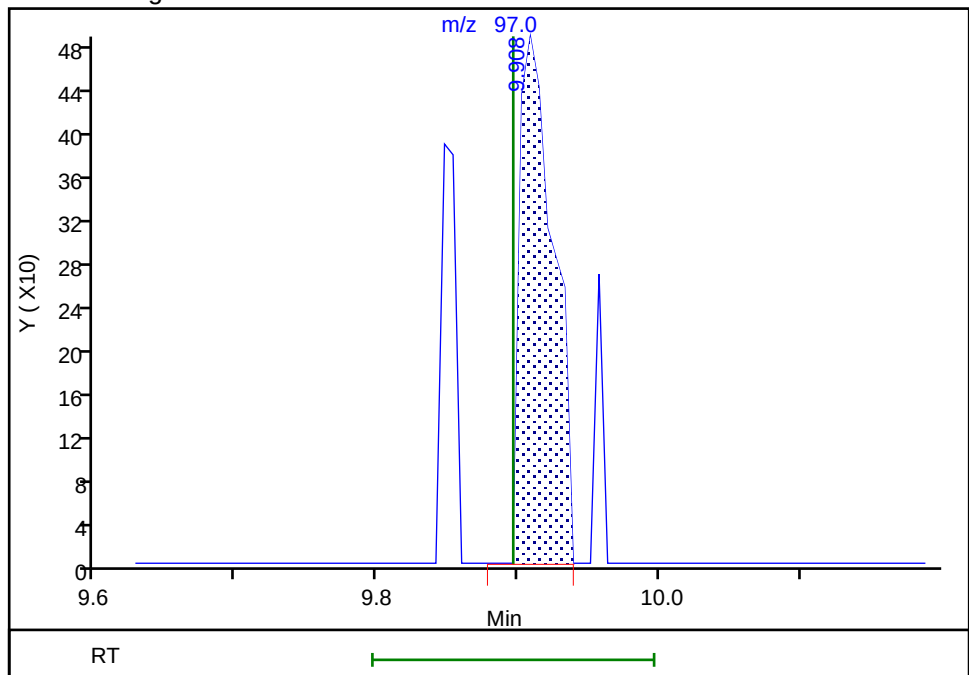
Not Detected
Expected RT: 9.90

Processing Integration Results



RT: 9.91
Area: 813
Amount: 0.018205
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:51:18 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

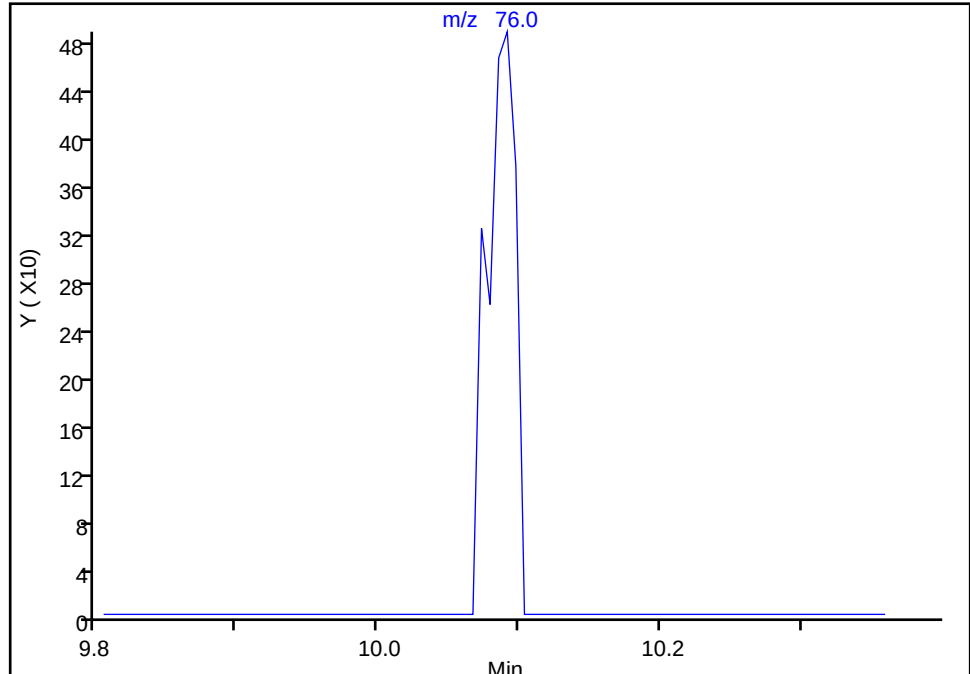
Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X12.D
Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

102 1,3-Dichloropropane, CAS: 142-28-9

Signal: 1

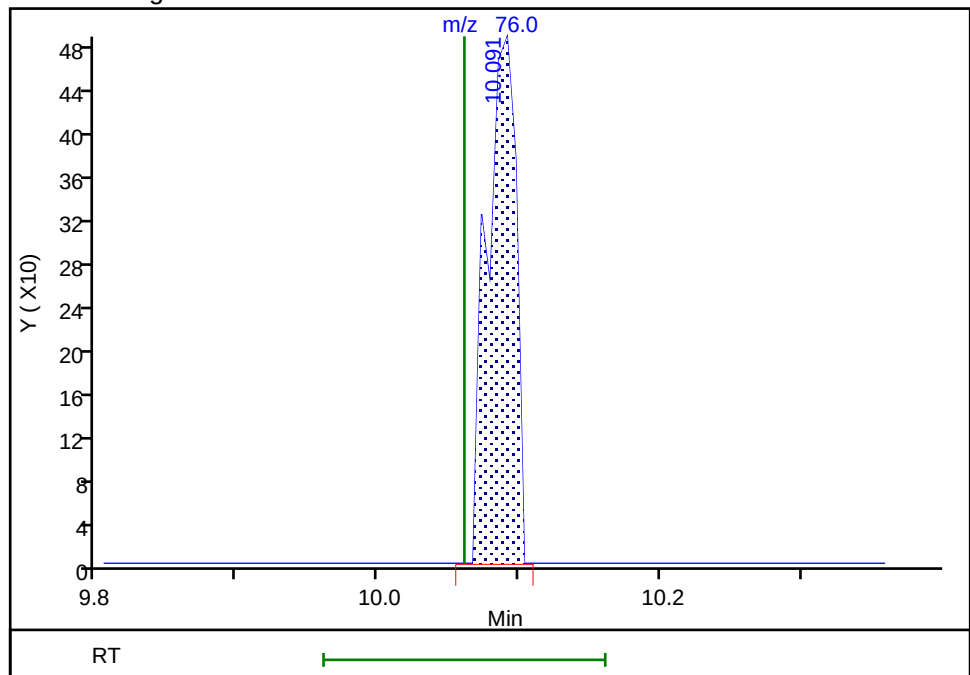
Not Detected
Expected RT: 10.06

Processing Integration Results



RT: 10.09
Area: 701
Amount: 0.010747
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:51:25 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

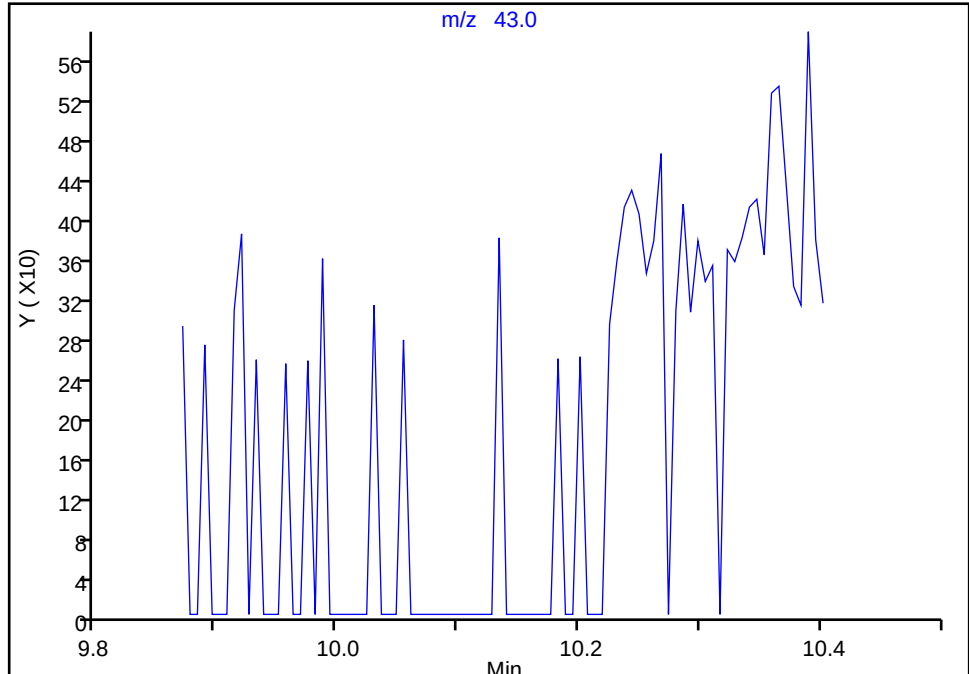
Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X12.D
Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

103 2-Hexanone, CAS: 591-78-6

Signal: 1

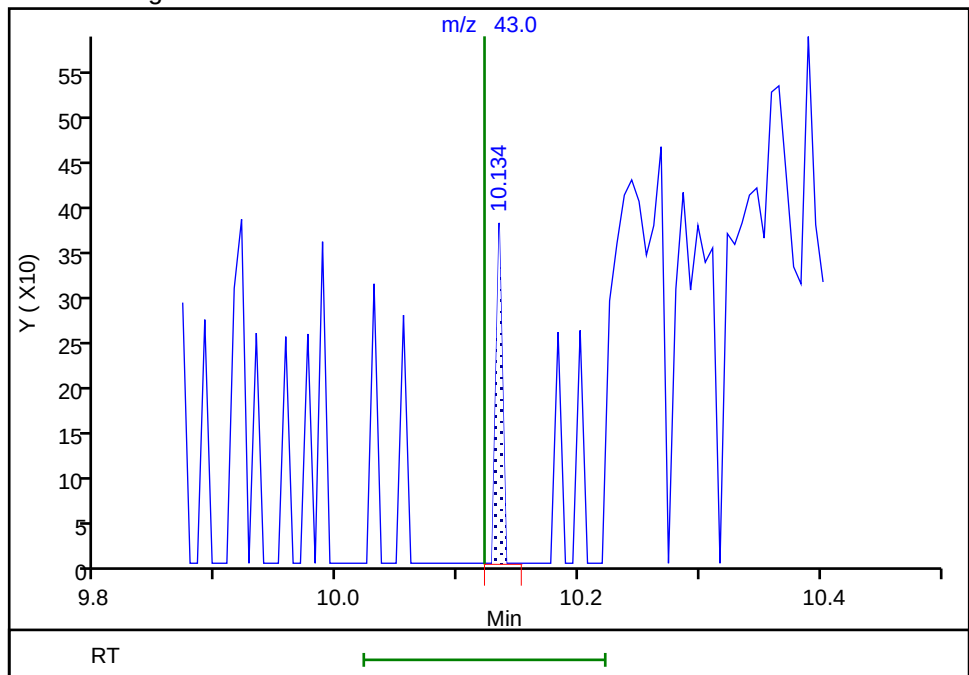
Not Detected
Expected RT: 10.12

Processing Integration Results



RT: 10.13
Area: 139
Amount: 0.006259
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:51:31 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

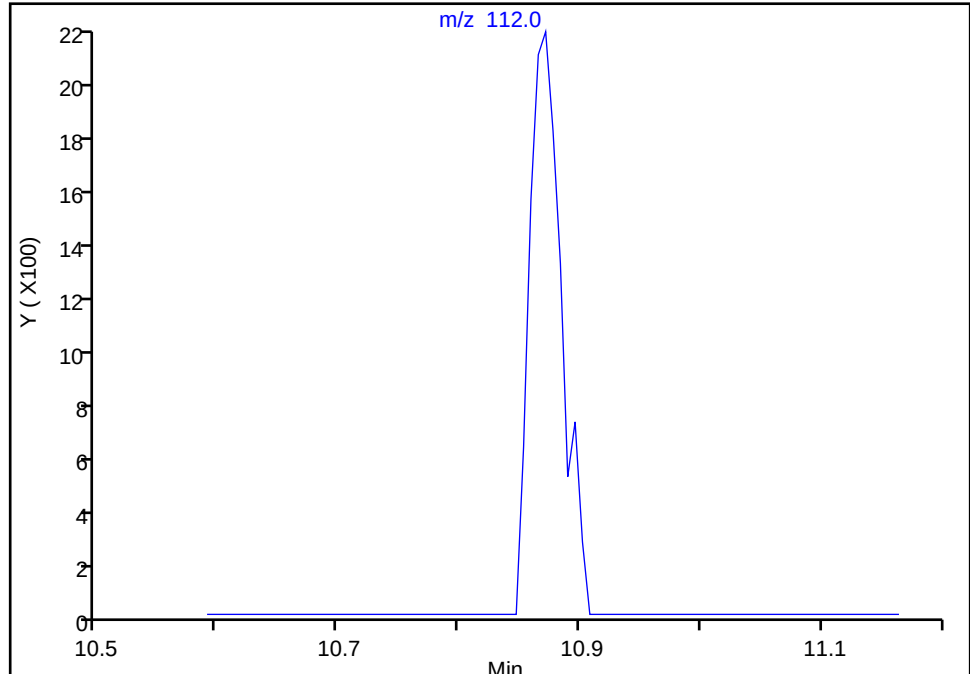
Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X12.D
Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

109 Chlorobenzene, CAS: 108-90-7

Signal: 1

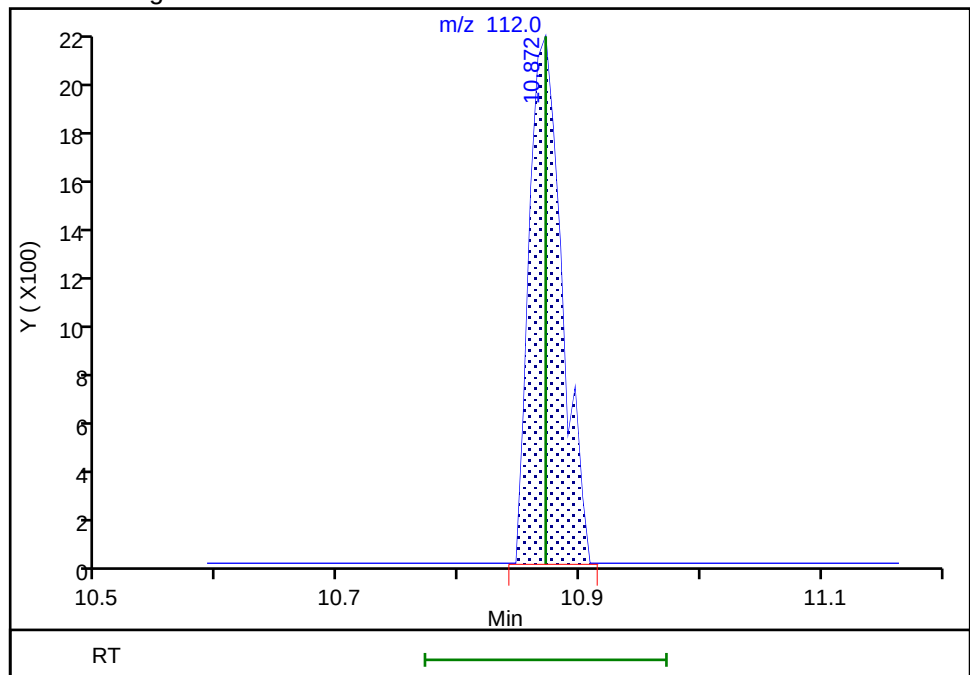
Not Detected
Expected RT: 10.87

Processing Integration Results



RT: 10.87
Area: 4008
Amount: 0.021578
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:51:44 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

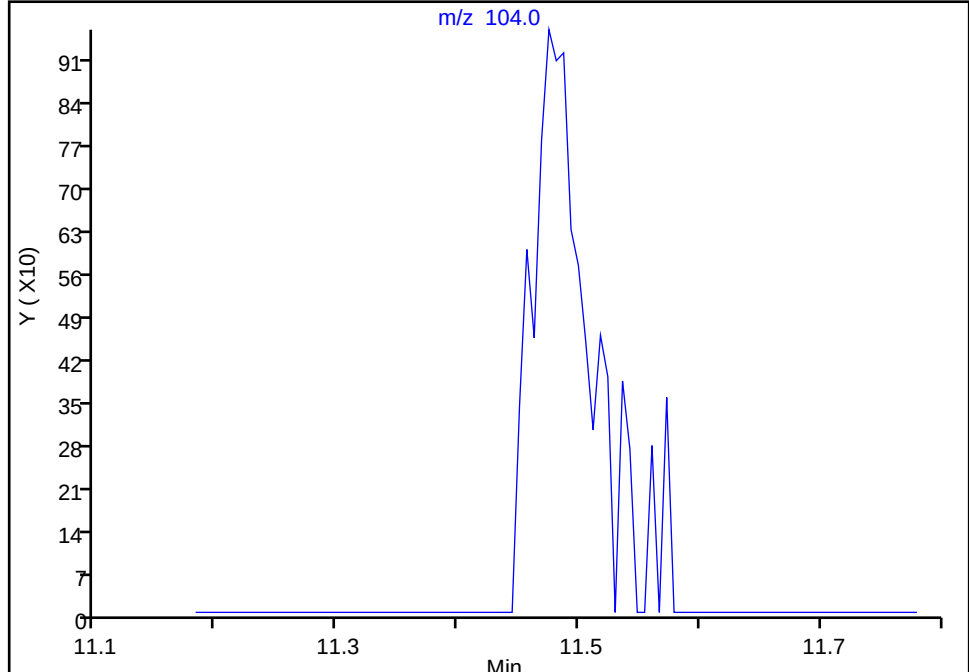
Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X12.D
Injection Date: 18-Aug-2025 19:53:30 Instrument ID: 19930
Lims ID: IC std1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

115 Styrene, CAS: 100-42-5

Signal: 1

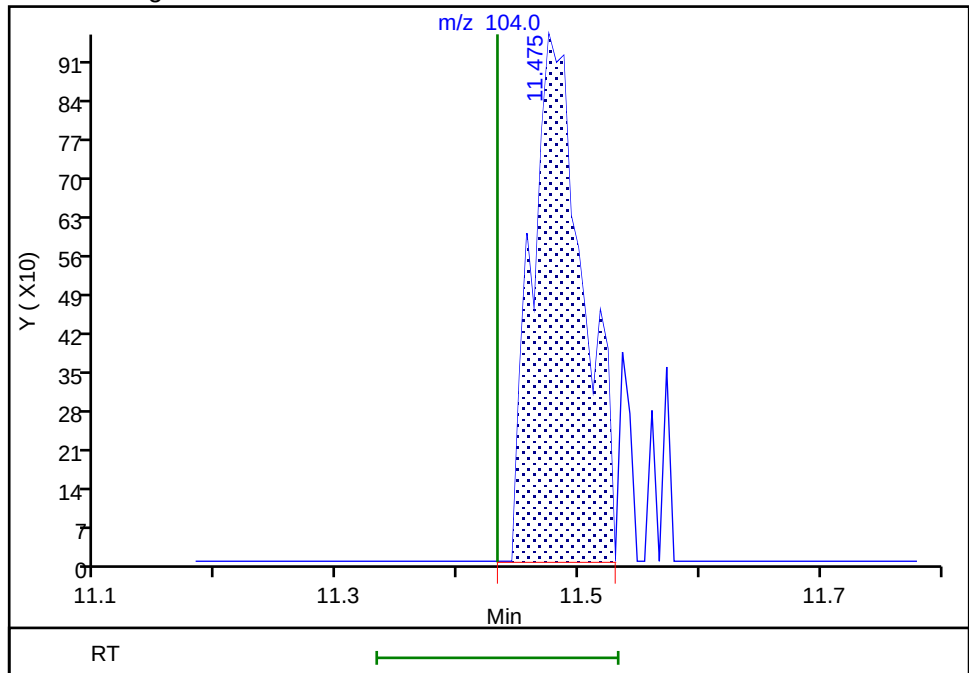
Not Detected
Expected RT: 11.43

Processing Integration Results



RT: 11.48
Area: 2827
Amount: 0.015293
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:52:00 -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\19930\20250818-156919.b\IG18X14.D
 Lims ID: IC std3
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 18-Aug-2025 20:34:30 ALS Bottle#: 14 Worklist Smp#: 14
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156919-015
 Misc. Info.: IC STD3
 Operator ID: ecr105096 Instrument ID: 19930
 Sublist: chrom-8260 25ml HP31*sub2
 Method: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\8260 25ml HP31.m
 Limit Group: MSV - 8260C_D
 Last Update: 22-Aug-2025 12:40:49 Calib Date: 18-Aug-2025 22:36:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1618

First Level Reviewer: N7YK

Date: 20-Aug-2025 12:24:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.782	1.770	0.012	97	17378	0.2000	0.2137	
4 Chloromethane	50	1.953	1.953	-0.001	98	17202	0.2000	0.2166	
6 Butadiene	39	2.050	2.050	0.000	89	18008	0.2000	0.2715	
5 Vinyl chloride	62	2.056	2.050	0.006	96	15802	0.2000	0.2127	
7 Bromomethane	94	2.361	2.361	0.000	91	14024	0.2000	0.2105	
8 Chloroethane	64	2.428	2.410	0.018	35	10068	0.2000	0.2104	
9 Dichlorofluoromethane	67	2.629	2.635	-0.006	96	29412	0.2000	0.2279	
10 Trichlorofluoromethane	101	2.715	2.709	0.006	79	25644	0.2000	0.2227	M
11 Ethyl ether	59	2.891	2.891	0.000	88	6908	0.2001	0.2064	
13 1,2-Dichloro-1,1,2-trifluoroetha	67	2.983	2.977	0.006	51	13284	0.2000	0.2386	
14 Acrolein	56	3.056	3.038	0.018	99	57478	9.76	8.96	
15 1,1-Dichloroethene	96	3.166	3.166	0.000	94	10249	0.2000	0.2147	
16 Acetone	43	3.227	3.190	0.037	86	23003	2.00	3.25	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.214	3.215	-0.001	40	9445	0.2000	0.2046	
18 Iodomethane	142	3.355	3.343	0.012	98	23107	0.2000	0.2083	
19 Ethyl bromide	108	3.373	3.367	0.006	96	9198	0.1998	0.2026	
20 Carbon disulfide	76	3.446	3.440	0.006	98	28509	0.2000	0.2080	
23 Methyl acetate	43	3.641	3.568	0.073	19	4961	0.2000	0.2794	M
24 3-Chloro-1-propene	41	3.599	3.586	0.013	84	14376	0.2000	0.2111	
25 Methylene Chloride	84	3.775	3.757	0.018	89	10764	0.2000	0.2092	
* 26 t-Butyl alcohol-d10 (IS)	65	3.775	3.763	0.012	92	150383	50.0	50.0	M
27 2-Methyl-2-propanol	59	3.916	3.885	0.031	45	10687	4.00	3.70	
28 Acrylonitrile	53		4.062				ND	ND	
29 Methyl tert-butyl ether	73	4.123	4.123	0.000	93	28367	0.2000	0.2115	
30 trans-1,2-Dichloroethene	96	4.147	4.135	0.012	93	11263	0.2000	0.1969	
31 Hexane	57	4.556	4.544	0.012	91	12689	0.2000	0.2001	
32 1,1-Dichloroethane	63	4.793	4.781	0.012	95	18061	0.2000	0.1984	
35 Isopropyl ether	45	4.854	4.848	0.006	91	28640	0.2000	0.2079	
36 2-Chloro-1,3-butadiene	53	4.909	4.897	0.012	87	15152	0.2000	0.2212	
37 Tert-butyl ethyl ether	59	5.409	5.397	0.012	92	29396	0.2000	0.2056	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 2-Butanone (MEK)	43	5.683	5.604	0.079	19	23499	2.00	1.88	M
39 cis-1,2-Dichloroethene	96	5.647	5.635	0.012	79	12668	0.2000	0.2003	
40 2,2-Dichloropropane	77	5.647	5.647	0.000	66	20548	0.2000	0.2301	
43 Propionitrile	54		5.684				ND	ND	
45 Methacrylonitrile	67	5.952	5.909	0.043	88	20867	2.00	1.60	
46 Chlorobromomethane	128	5.982	5.970	0.012	79	6813	0.2000	0.2194	
47 Tetrahydrofuran	71	6.025	5.988	0.037	48	4176	1.00	0.9210	M
48 Chloroform	83	6.141	6.129	0.012	93	20305	0.2000	0.1973	
S 41 1,2-Dichloroethene, Total	100				0			0.3972	
\$ 49 Dibromofluoromethane (Surr)	113	6.354	6.348	0.006	95	465839	10.0	9.99	
50 1,1,1-Trichloroethane	97	6.354	6.354	0.000	37	20779	0.2000	0.2085	
51 Cyclohexane	56	6.452	6.458	-0.006	90	16164	0.2000	0.1986	
54 Carbon tetrachloride	117	6.580	6.574	0.006	96	18968	0.2000	0.2110	
53 1,1-Dichloropropene	75	6.592	6.574	0.018	94	16057	0.2000	0.2164	
55 Isobutyl alcohol	41	6.787	6.750	0.037	30	10336	10.0	11.0	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	6.811	6.811	0.000	66	95922	10.0	10.2	
57 Benzene	78	6.842	6.836	0.006	94	46628	0.2000	0.2044	
58 1,2-Dichloroethane	62	6.927	6.915	0.012	96	12405	0.2000	0.2064	
60 Tert-amyl methyl ether	73	7.043	7.043	0.000	99	29009	0.2000	0.1965	
* 61 Fluorobenzene (IS)	96	7.250	7.250	0.000	100	1713039	10.0	10.0	
62 n-Heptane	43	7.275	7.275	0.000	42	10228	0.2000	0.1670	
63 n-Butanol	56		7.641				ND	ND	
64 Trichloroethene	95	7.750	7.738	0.012	92	13274	0.2000	0.2077	
65 Methylcyclohexane	83	8.055	8.043	0.012	85	18250	0.2000	0.1889	
66 1,2-Dichloropropane	63	8.079	8.067	0.012	90	11009	0.2000	0.2068	
68 1,4-Dioxane	88		8.171				ND	ND	
67 Methyl methacrylate	69	8.226	8.171	0.055	33	2415	0.2000	0.0914	
69 Dibromomethane	93	8.201	8.183	0.018	87	5837	0.2000	0.1985	
71 Dichlorobromomethane	83	8.433	8.427	0.006	97	15202	0.2000	0.2057	
72 2-Nitropropane	41	8.701	8.689	0.012	93	11229	1.00	1.16	
75 1-Bromo-2-chloroethane	63	8.835	8.817	0.018	94	9880	0.2000	0.1994	
76 cis-1,3-Dichloropropene	75	9.024	8.988	0.036	54	16589	0.2000	0.2129	M
77 4-Methyl-2-pentanone (MIBK)	43	9.189	9.177	0.012	96	60664	2.00	1.79	
\$ 78 Toluene-d8 (Surr)	98	9.317	9.317	0.000	93	1784615	10.0	10.1	
79 Toluene	92	9.408	9.402	0.006	98	30930	0.2000	0.2030	
97 trans-1,3-Dichloropropene	75	9.707	9.683	0.024	91	11763	0.2000	0.1719	
99 Ethyl methacrylate	69	9.780	9.756	0.024	84	9552	0.2000	0.1722	
100 1,1,2-Trichloroethane	97	9.902	9.896	0.006	86	9960	0.2000	0.2216	
101 Tetrachloroethene	166	9.988	9.982	0.006	95	18892	0.2000	0.2033	
S 98 1,3-Dichloropropene, Total	100				0			0.3848	
102 1,3-Dichloropropane	76	10.073	10.061	0.012	89	13639	0.2000	0.2078	
103 2-Hexanone	43	10.146	10.122	0.024	94	42456	2.00	1.81	M
105 Chlorodibromomethane	129	10.292	10.286	0.006	88	12961	0.2000	0.1958	
106 Ethylene Dibromide	107	10.408	10.396	0.012	99	8270	0.2000	0.2036	
* 107 Chlorobenzene-d5 (IS)	117	10.841	10.841	0.000	83	1404815	10.0	10.0	
108 1-Chlorohexane	91	10.865	10.859	0.006	69	18977	0.2000	0.2267	
109 Chlorobenzene	112	10.871	10.872	-0.001	97	37381	0.2000	0.2000	
111 1,1,1,2-Tetrachloroethane	131	10.957	10.957	0.000	95	13863	0.2000	0.2019	
112 Ethylbenzene	91	10.969	10.963	0.006	98	63166	0.2000	0.2108	
113 m-Xylene & p-Xylene	106	11.085	11.079	0.006	92	51743	0.4000	0.4140	
S 110 Xylenes, Total	106				0			0.6154	
114 o-Xylene	106	11.420	11.414	0.006	96	24394	0.2000	0.2015	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
115 Styrene	104	11.445	11.432	0.013	94	35457	0.2000	0.1906	a
116 Bromoform	173	11.591	11.585	0.006	96	9450	0.2000	0.1947	
117 Isopropylbenzene	105	11.725	11.719	0.006	95	62881	0.2000	0.1965	
\$ 120 4-Bromofluorobenzene (Surr)	95	11.865	11.865	0.000	96	648374	10.0	10.1	
121 1,1,2,2-Tetrachloroethane	83	11.975	11.969	0.006	95	11563	0.2000	0.1990	
122 Bromobenzene	156	11.981	11.975	0.006	80	19352	0.2000	0.2102	
123 trans-1,4-Dichloro-2-butene	53	12.005	11.993	0.012	92	22158	2.00	1.63	
124 1,2,3-Trichloropropane	110	12.018	12.012	0.006	75	3513	0.2000	0.1943	
125 N-Propylbenzene	91	12.060	12.054	0.006	98	65328	0.2000	0.1838	
126 2-Chlorotoluene	126	12.133	12.127	0.006	98	16506	0.2000	0.2044	
127 1,3,5-Trimethylbenzene	105	12.194	12.195	-0.001	96	54665	0.2000	0.1941	
128 4-Chlorotoluene	126	12.231	12.219	0.012	94	16278	0.2000	0.1962	
129 tert-Butylbenzene	134	12.432	12.432	0.000	91	14471	0.2000	0.2078	
130 Pentachloroethane	167	12.469	12.463	0.006	80	10494	0.2000	0.1872	
131 1,2,4-Trimethylbenzene	105	12.481	12.475	0.006	96	55870	0.2000	0.1896	
132 sec-Butylbenzene	105	12.597	12.597	0.000	93	72226	0.2000	0.1943	
133 1,3-Dichlorobenzene	146	12.700	12.694	0.006	97	31911	0.2000	0.1894	
134 4-Isopropyltoluene	119	12.707	12.707	-0.001	97	61774	0.2000	0.1874	
* 135 1,4-Dichlorobenzene-d4	152	12.749	12.749	0.000	92	915189	10.0	10.0	
136 1,4-Dichlorobenzene	146	12.767	12.768	-0.001	95	37058	0.2000	0.1986	
137 1,2,3-Trimethylbenzene	120	12.780	12.780	0.000	93	26242	0.2000	0.1964	
138 Benzyl chloride	126	12.859	12.847	0.012	96	4550	0.2000	0.1722	
139 n-Butylbenzene	92	13.005	12.999	0.006	96	27169	0.2000	0.1941	
140 1,2-Dichlorobenzene	146	13.036	13.030	0.006	98	32101	0.2000	0.2058	
142 1,2-Dibromo-3-Chloropropane	155	13.578	13.572	0.006	88	2282	0.2000	0.2045	
143 1,3,5-Trichlorobenzene	180	13.706	13.694	0.012	94	26957	0.2000	0.1974	
144 1,2,4-Trichlorobenzene	180	14.127	14.115	0.012	93	20647	0.2000	0.1774	
145 Hexachlorobutadiene	225	14.206	14.200	0.006	94	12099	0.2000	0.1933	
146 Naphthalene	128	14.304	14.292	0.012	96	41271	0.2000	0.1901	
147 1,2,3-Trichlorobenzene	180	14.444	14.438	0.006	96	20285	0.2000	0.1900	
165 Isopropyl alcohol	45		0.000				ND	ND	
161 Pentane	43		0.000				ND	ND	
150 2-ethoxy-2-methyl butane	1		0.000				ND	ND	
156 p-Diethylbenzene	1		0.000				ND	ND	
155 2-Methylnaphthalene	142	15.041	15.029	0.012	91	16890	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LL_#1_826_00174

Amount Added: 2.00

Units: uL

MSV_LL_#2_826_00189

Amount Added: 2.00

Units: uL

MSV_LL_GAS826_00285

Amount Added: 2.00

Units: uL

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 22-Aug-2025 12:40:49

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X14.D

Injection Date: 18-Aug-2025 20:34:30

Instrument ID: 19930

Operator ID: ecr105096

Lims ID: IC std3

Worklist Smp#: 14

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

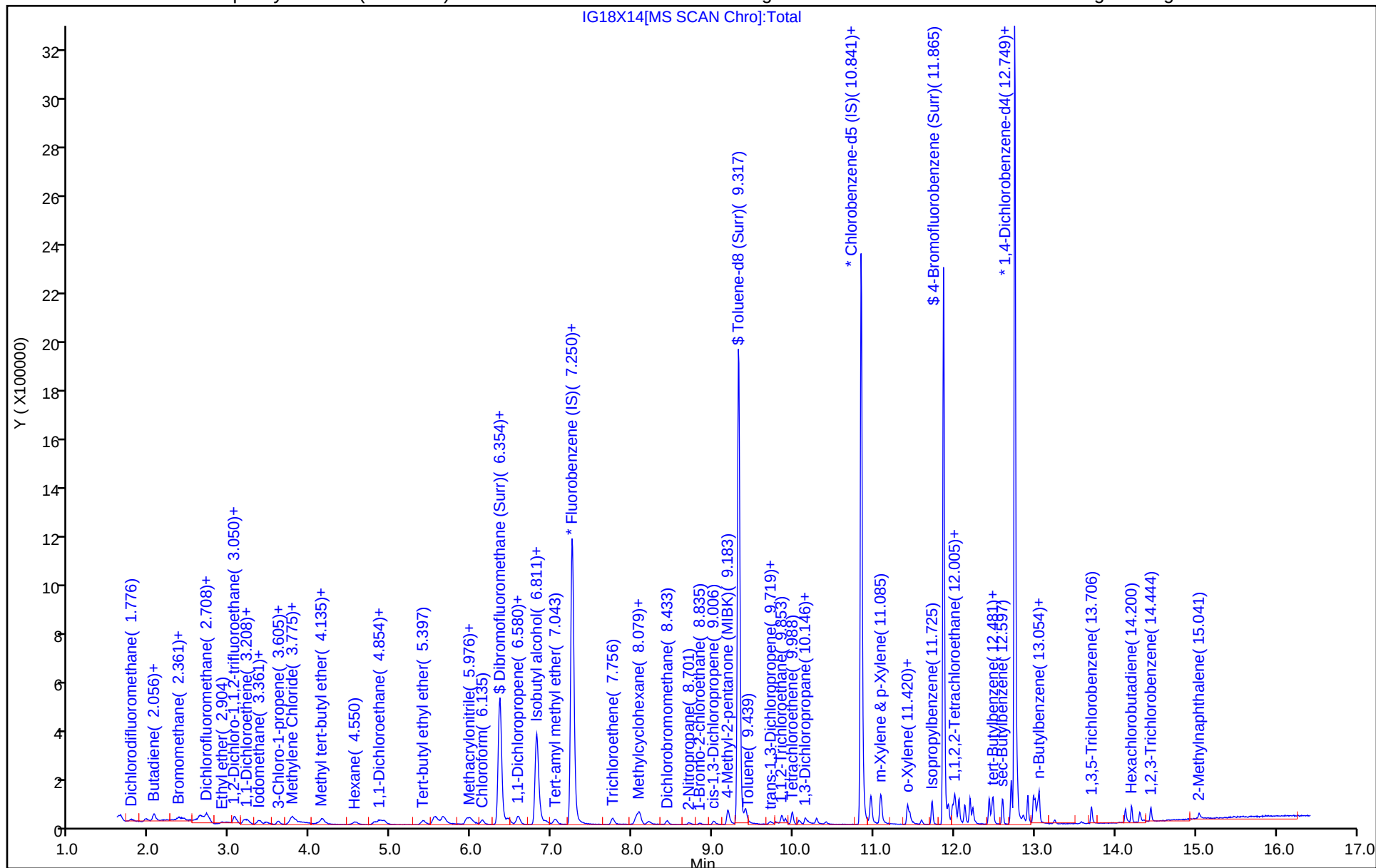
ALS Bottle#: 14

Method: 8260 25ml HP31

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

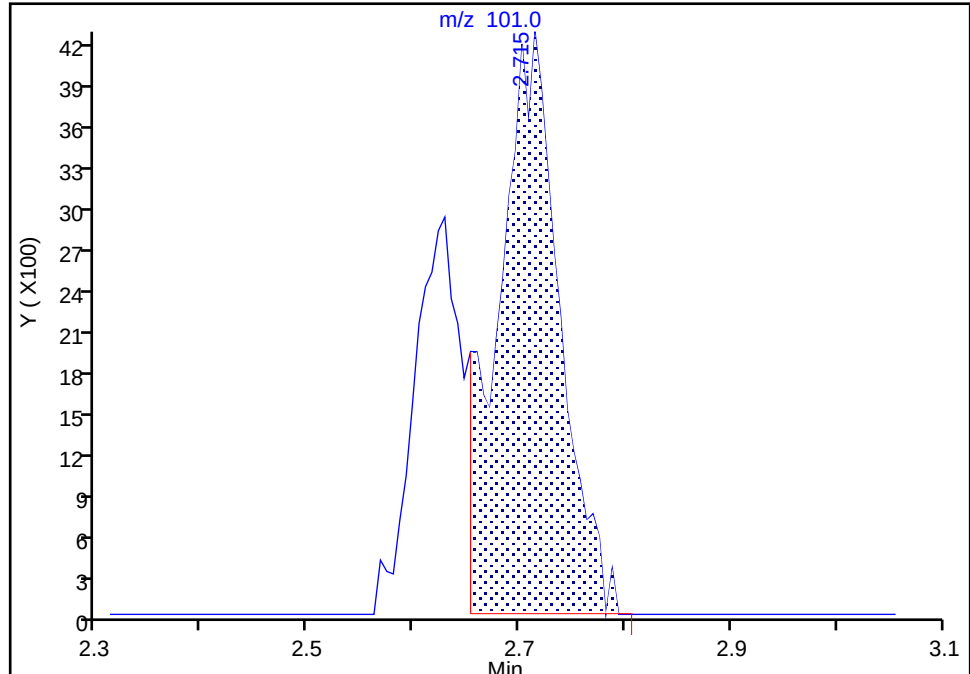
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Injection Date: 18-Aug-2025 20:34:30 Instrument ID: 19930
Lims ID: IC std3
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

10 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

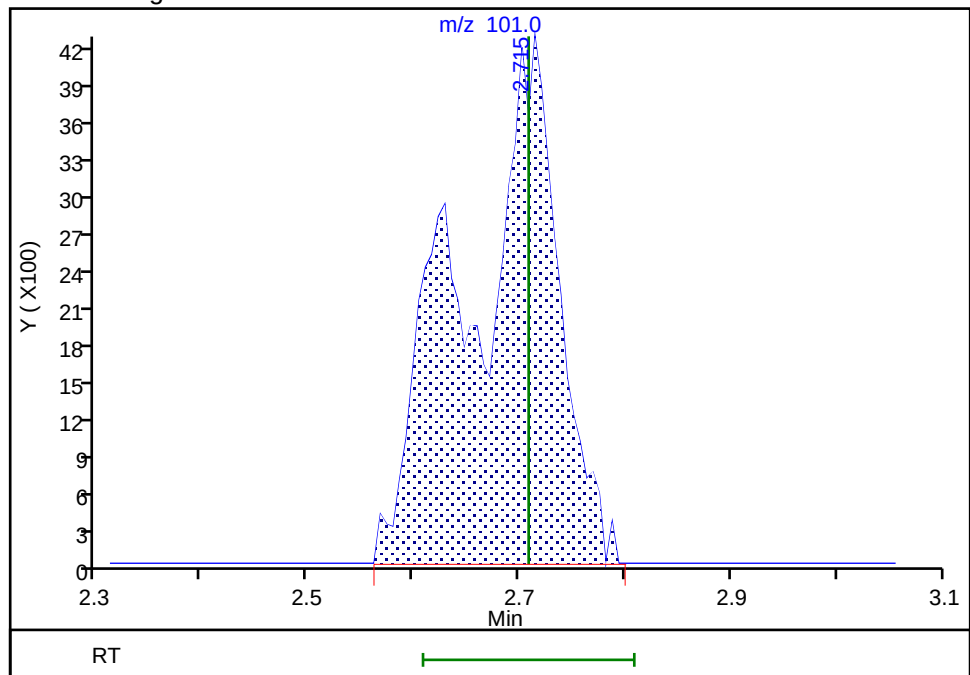
RT: 2.71
Area: 17276
Amount: 0.191130
Amount Units: ug/l

Processing Integration Results



RT: 2.71
Area: 25644
Amount: 0.222666
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:20:42 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

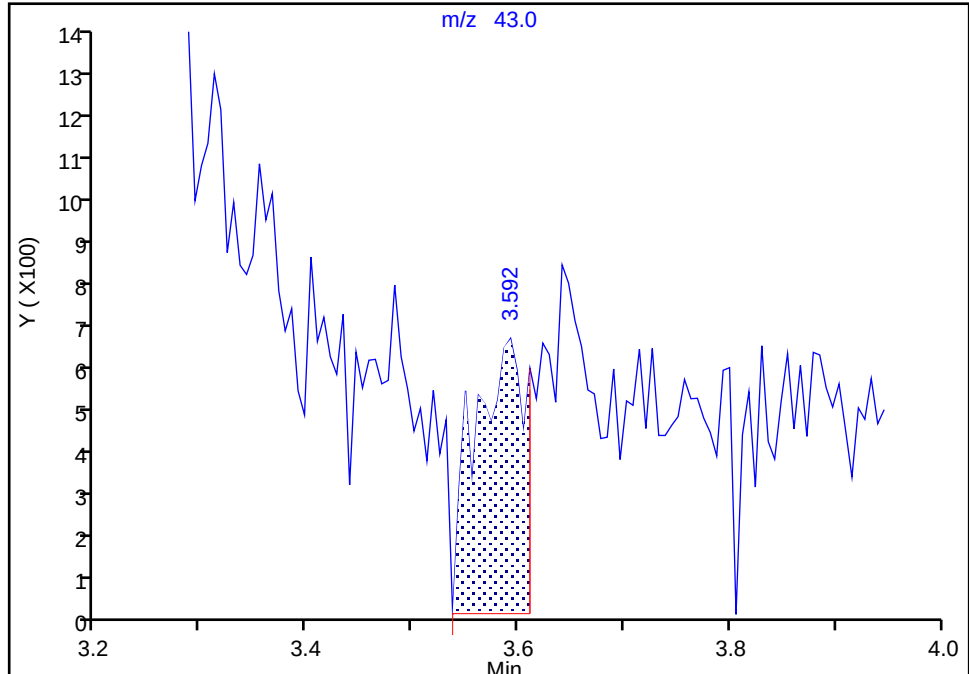
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Injection Date: 18-Aug-2025 20:34:30 Instrument ID: 19930
Lims ID: IC std3
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Methyl acetate, CAS: 79-20-9

Signal: 1

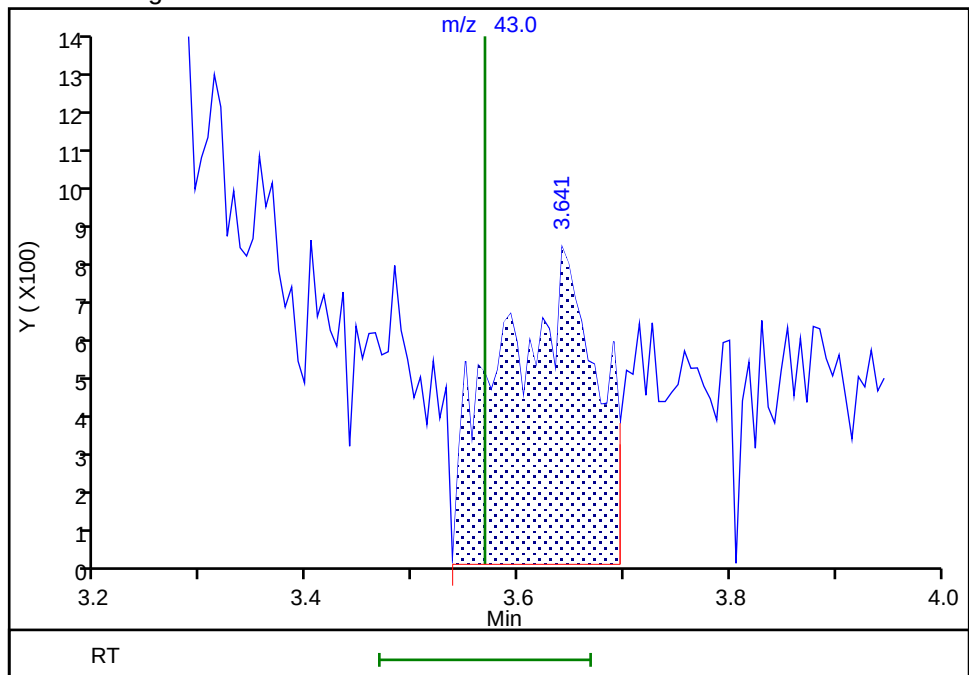
RT: 3.59
Area: 2119
Amount: 0.113856
Amount Units: ug/l

Processing Integration Results



RT: 3.64
Area: 4961
Amount: 0.279426
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:21:11 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

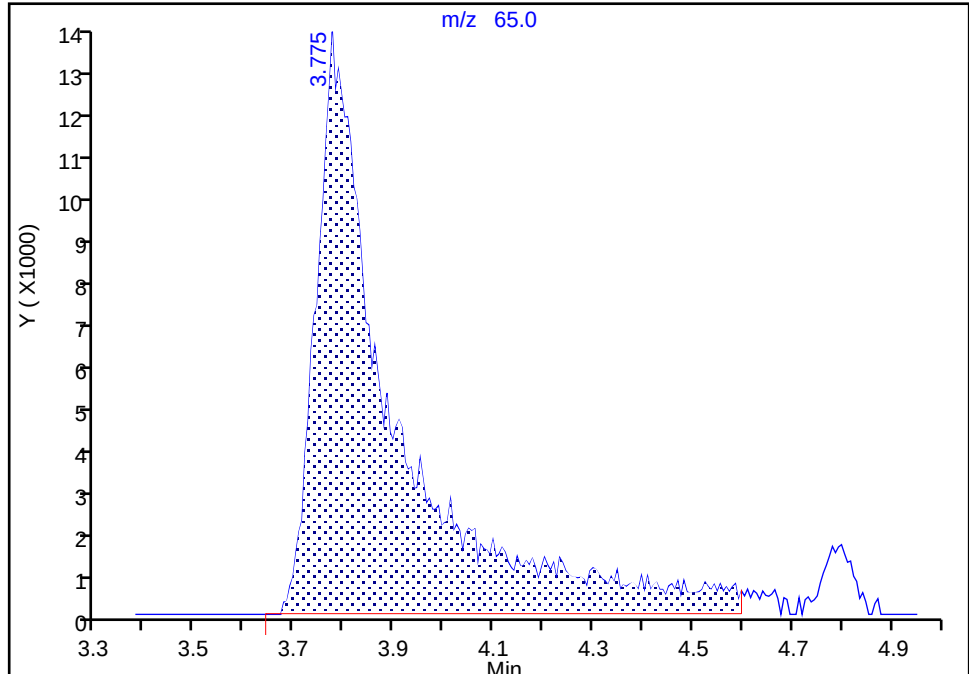
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Injection Date: 18-Aug-2025 20:34:30 Instrument ID: 19930
Lims ID: IC std3
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 26 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

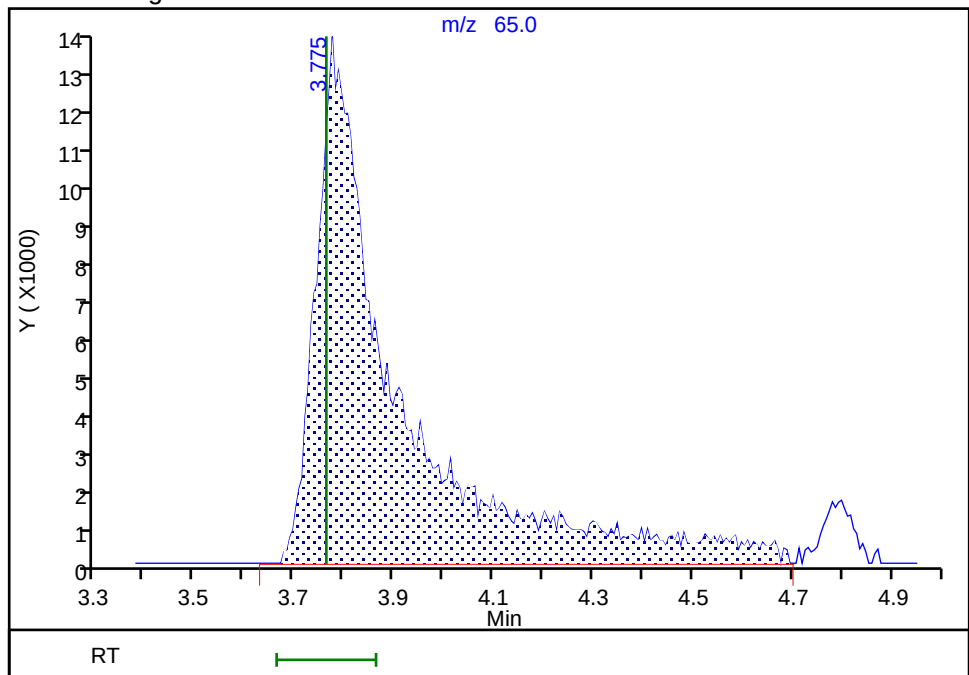
RT: 3.78
Area: 148046
Amount: 50.000000
Amount Units: ug/l

Processing Integration Results



RT: 3.78
Area: 150383
Amount: 50.000000
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:21:24 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

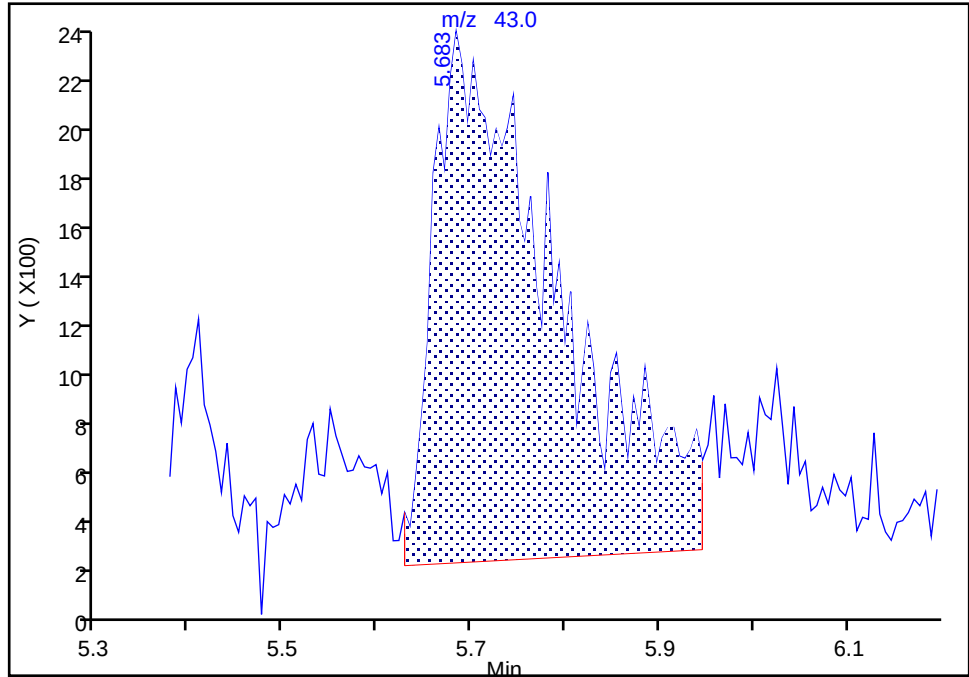
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Injection Date: 18-Aug-2025 20:34:30 Instrument ID: 19930
Lims ID: IC std3
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

38 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

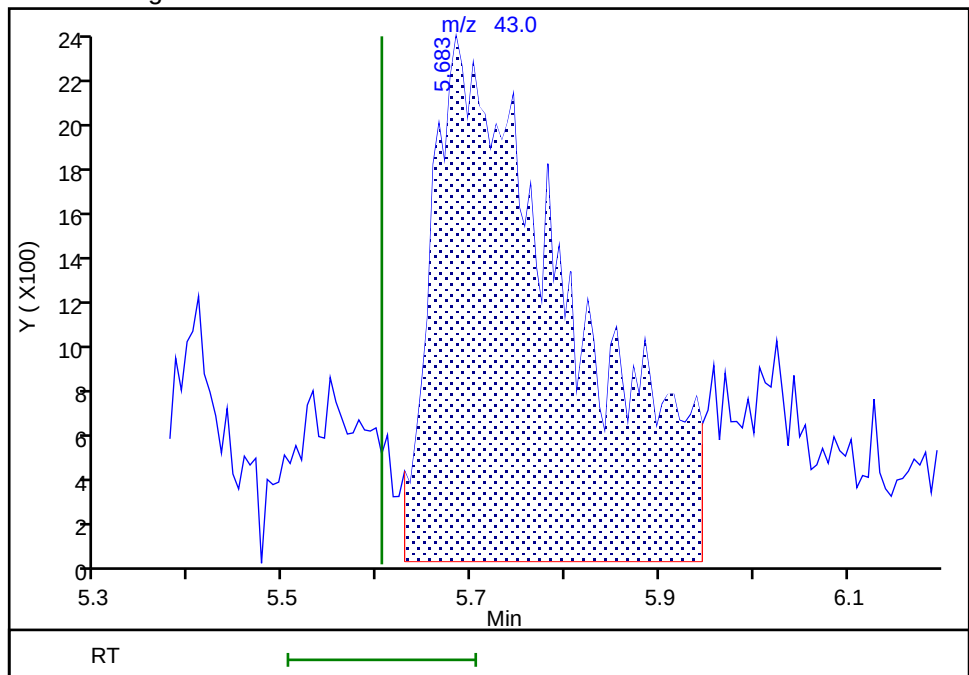
RT: 5.68
Area: 19312
Amount: 1.829479
Amount Units: ug/l

Processing Integration Results



RT: 5.68
Area: 23499
Amount: 1.884091
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:21:50 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

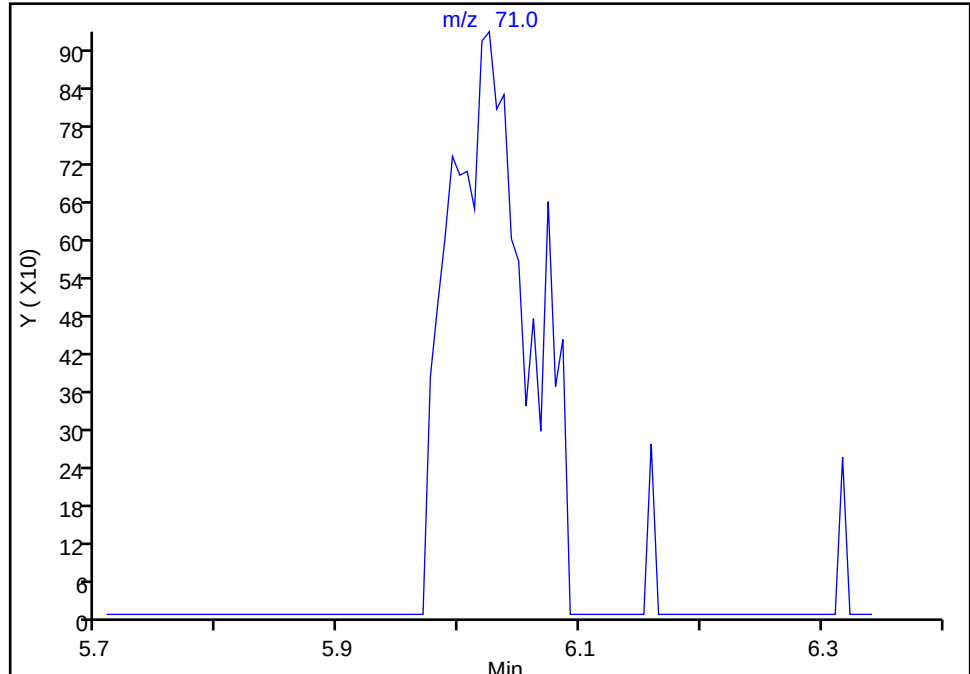
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Injection Date: 18-Aug-2025 20:34:30 Instrument ID: 19930
Lims ID: IC std3
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

47 Tetrahydrofuran, CAS: 109-99-9

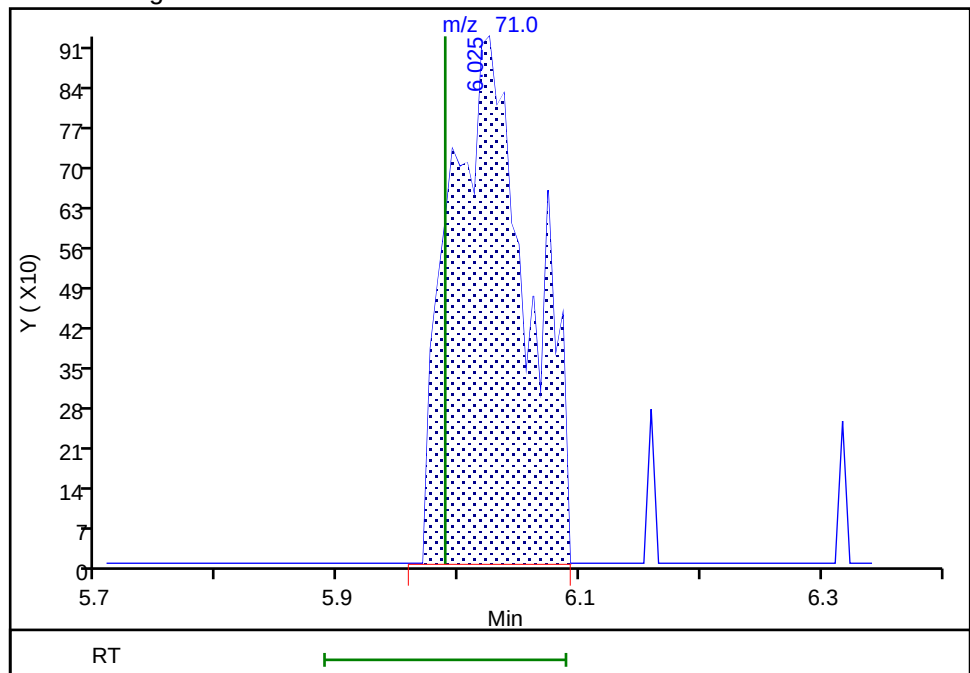
Signal: 1

Not Detected
Expected RT: 5.99

Processing Integration Results



Manual Integration Results



RT: 6.02
Area: 4176
Amount: 0.920955
Amount Units: ug/l

Reviewer: N7YK, 20-Aug-2025 12:22:21 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

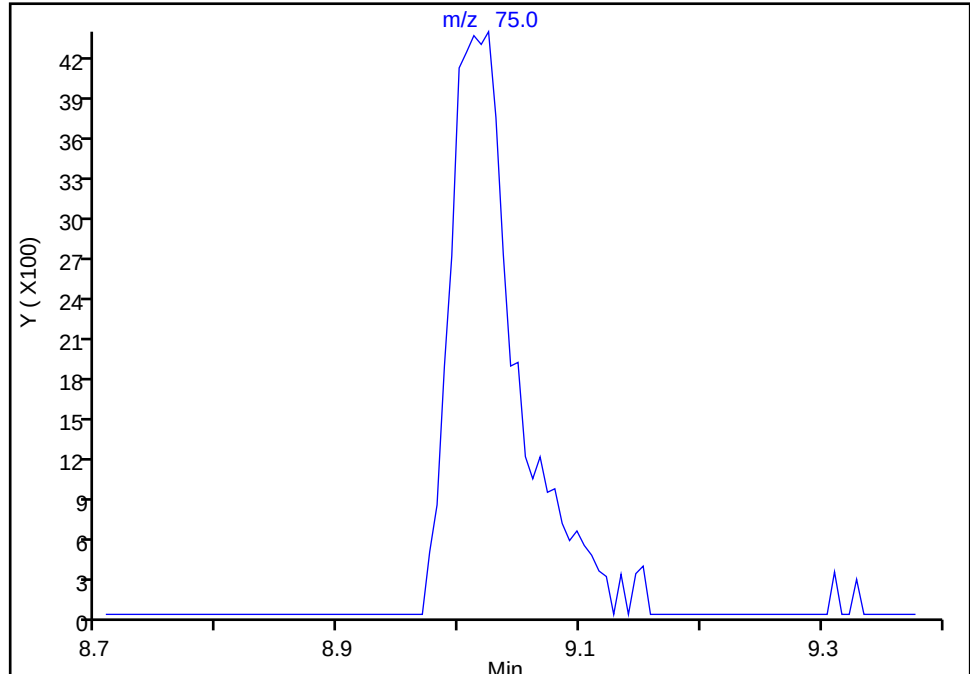
Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X14.D
Injection Date: 18-Aug-2025 20:34:30 Instrument ID: 19930
Lims ID: IC std3
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

76 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

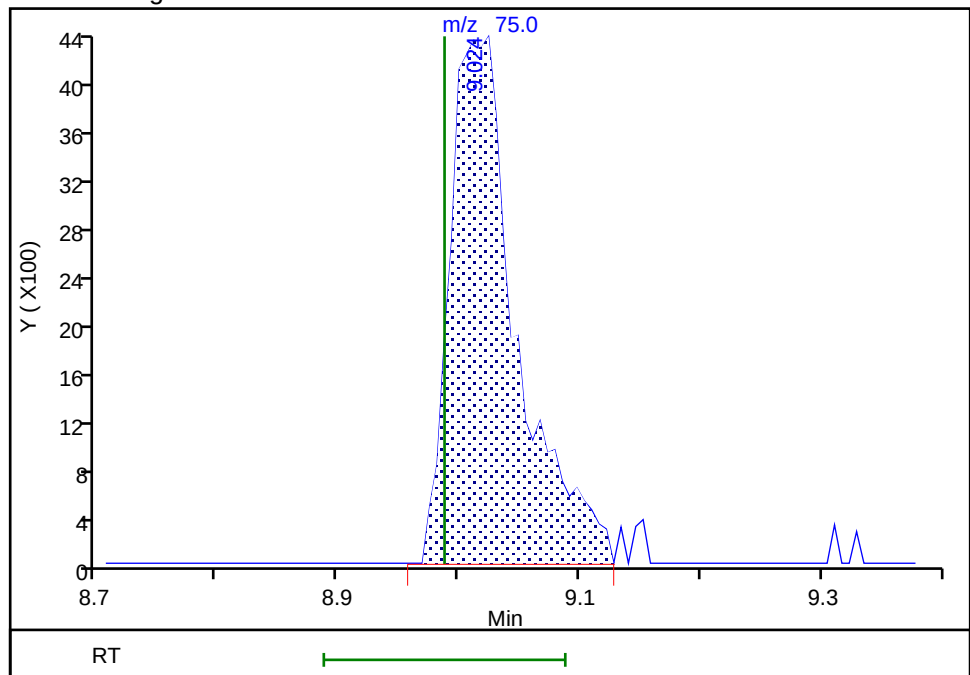
Not Detected
Expected RT: 8.99

Processing Integration Results



RT: 9.02
Area: 16589
Amount: 0.212927
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:23:04 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

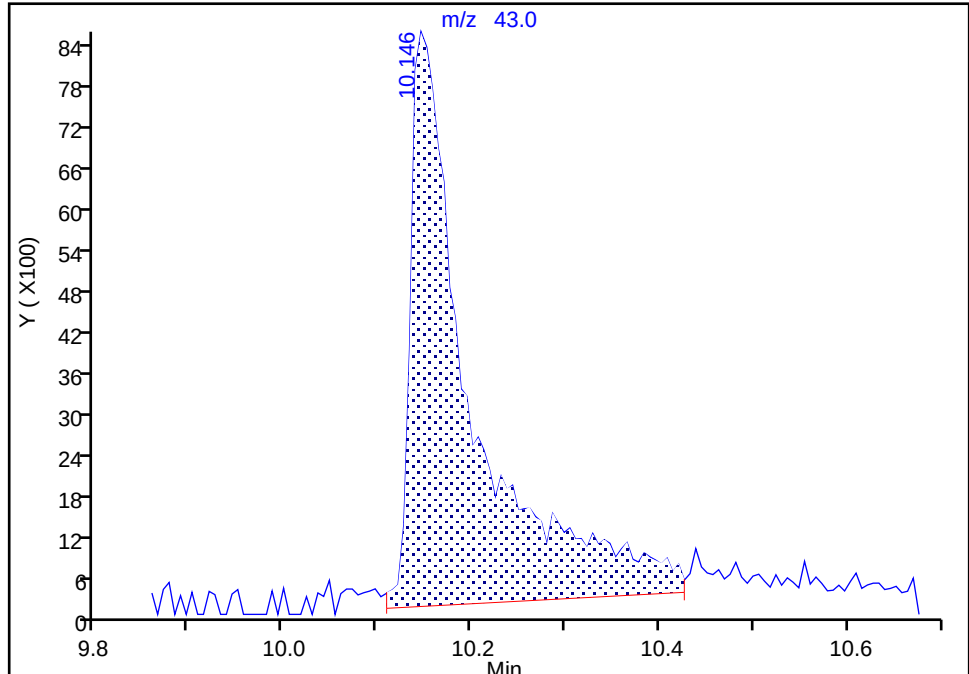
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Injection Date: 18-Aug-2025 20:34:30 Instrument ID: 19930
Lims ID: IC std3
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

103 2-Hexanone, CAS: 591-78-6

Signal: 1

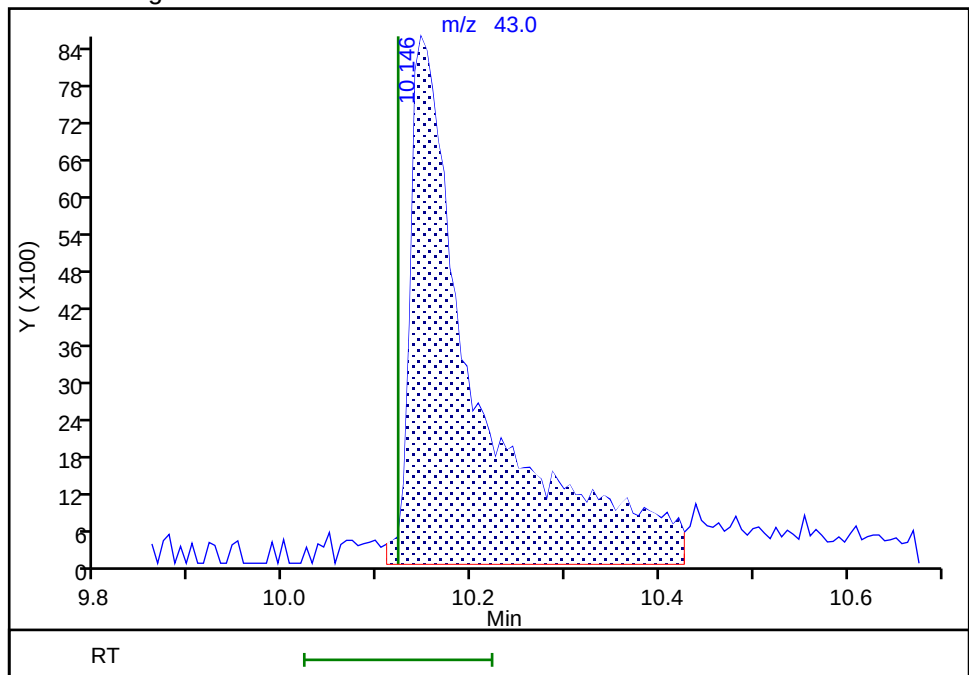
RT: 10.15
Area: 38714
Amount: 1.667586
Amount Units: ug/l

Processing Integration Results



RT: 10.15
Area: 42456
Amount: 1.812044
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:23:39 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

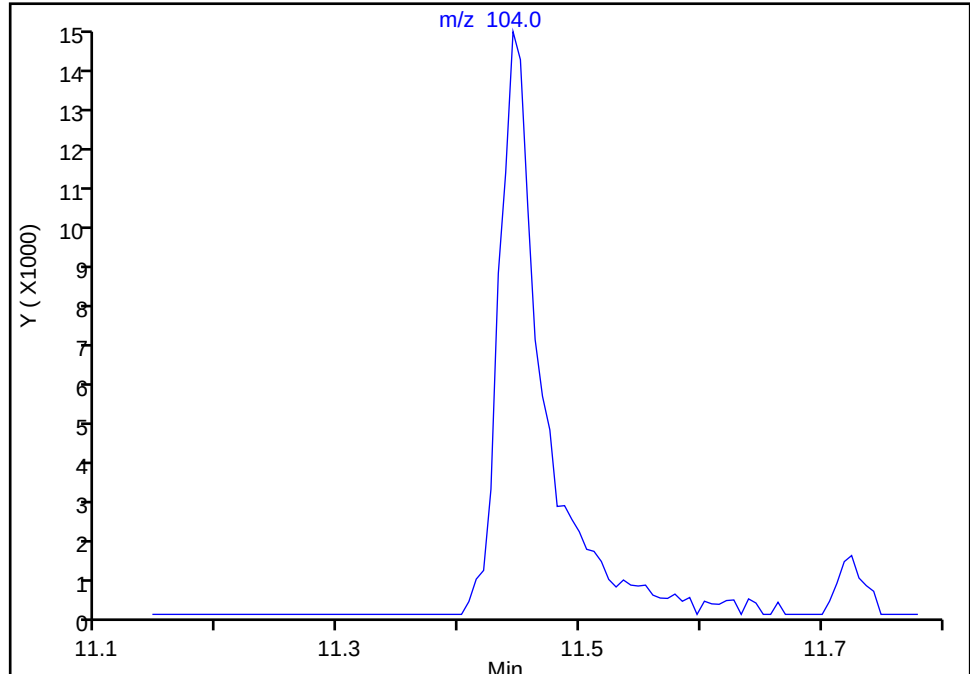
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Injection Date: 18-Aug-2025 20:34:30 Instrument ID: 19930
Lims ID: IC std3
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

115 Styrene, CAS: 100-42-5

Signal: 1

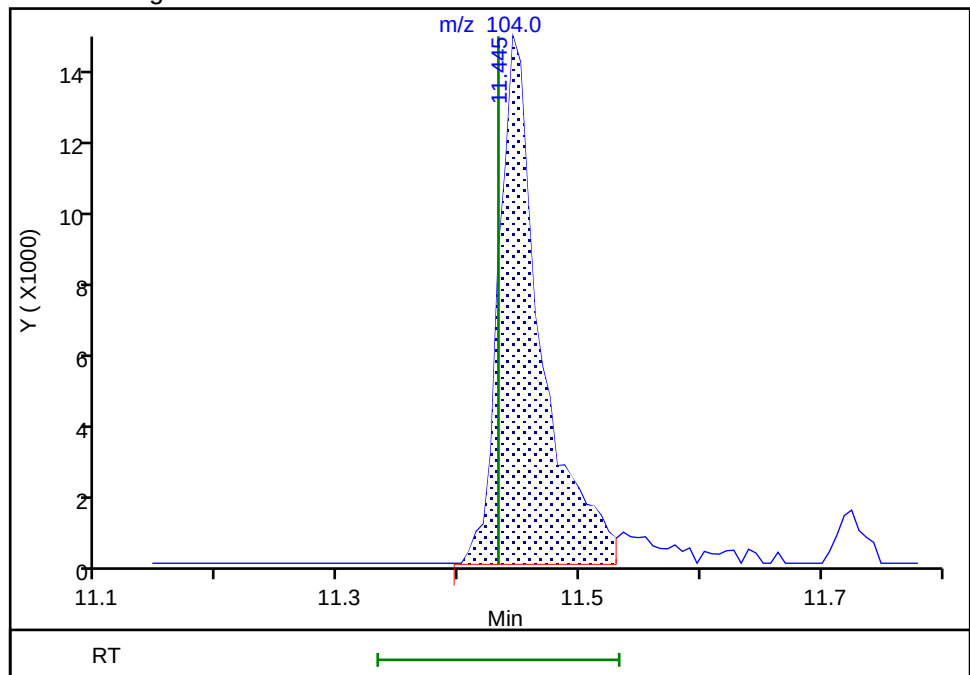
Not Detected
Expected RT: 11.43

Processing Integration Results



RT: 11.44
Area: 35457
Amount: 0.190620
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:24:15 -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\19930\20250818-156919.b\IG18X15.D
 Lims ID: IC std4
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 18-Aug-2025 20:54:30 ALS Bottle#: 15 Worklist Smp#: 15
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156919-016
 Misc. Info.: IC STD4
 Operator ID: ecr105096 Instrument ID: 19930
 Sublist: chrom-8260 25ml HP31*sub2
 Method: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\8260 25ml HP31.m
 Limit Group: MSV - 8260C_D
 Last Update: 22-Aug-2025 12:40:53 Calib Date: 18-Aug-2025 22:36:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1618

First Level Reviewer: N7YK

Date: 20-Aug-2025 12:27:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.782	1.770	0.012	99	37458	0.5000	0.4956	
4 Chloromethane	50	1.959	1.953	0.006	99	36038	0.5000	0.4883	
6 Butadiene	39	2.062	2.050	0.012	94	30563	0.5000	0.4958	
5 Vinyl chloride	62	2.062	2.050	0.012	97	35116	0.5000	0.5085	
7 Bromomethane	94	2.373	2.361	0.012	92	29507	0.5000	0.4766	
8 Chloroethane	64	2.428	2.410	0.018	99	20019	0.5000	0.4501	
9 Dichlorofluoromethane	67	2.635	2.635	0.000	95	55542	0.5000	0.4630	
10 Trichlorofluoromethane	101	2.715	2.709	0.006	79	54116	0.5000	0.5056	M
11 Ethyl ether	59	2.897	2.891	0.006	86	16134	0.5002	0.5187	
13 1,2-Dichloro-1,1,2-trifluoroetha	67	2.989	2.977	0.012	88	26365	0.5000	0.5096	
14 Acrolein	56	3.056	3.038	0.018	99	121374	24.4	21.3	
15 1,1-Dichloroethene	96	3.184	3.166	0.018	93	23986	0.5000	0.5406	
16 Acetone	43	3.221	3.190	0.031	85	30659	5.00	4.87	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.233	3.215	0.018	84	23295	0.5000	0.5428	
18 Iodomethane	142	3.355	3.343	0.012	98	53234	0.5000	0.5164	
19 Ethyl bromide	108	3.373	3.367	0.006	98	21220	0.4995	0.5030	
20 Carbon disulfide	76	3.452	3.440	0.012	100	63332	0.5000	0.4973	
23 Methyl acetate	43	3.635	3.568	0.067	24	6498	0.5000	0.4119	M
24 3-Chloro-1-propene	41	3.605	3.586	0.019	86	29619	0.5000	0.4680	
25 Methylene Chloride	84	3.775	3.757	0.018	83	25505	0.5000	0.5333	
* 26 t-Butyl alcohol-d10 (IS)	65	3.794	3.763	0.031	87	133634	50.0	50.0	M
27 2-Methyl-2-propanol	59	3.916	3.885	0.031	96	28429	10.0	11.1	
28 Acrylonitrile	53	4.159	4.062	0.097	24	3590	1.25	0.4257	
29 Methyl tert-butyl ether	73	4.129	4.123	0.006	94	62556	0.5000	0.5019	
30 trans-1,2-Dichloroethene	96	4.147	4.135	0.012	95	26302	0.5000	0.4948	
31 Hexane	57	4.550	4.544	0.006	92	30381	0.5000	0.5154	
32 1,1-Dichloroethane	63	4.800	4.781	0.019	96	42483	0.5000	0.5022	
35 Isopropyl ether	45	4.867	4.848	0.019	89	65053	0.5000	0.5081	
36 2-Chloro-1,3-butadiene	53	4.909	4.897	0.012	90	35014	0.5000	0.5499	
37 Tert-butyl ethyl ether	59	5.409	5.397	0.012	96	69041	0.5000	0.5196	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 2-Butanone (MEK)	43	5.659	5.604	0.055	66	53189	5.00	4.80	
39 cis-1,2-Dichloroethene	96	5.653	5.635	0.018	78	29291	0.5000	0.4982	
40 2,2-Dichloropropane	77	5.647	5.647	0.000	65	41718	0.5000	0.5026	
43 Propionitrile	54	5.775	5.684	0.091	97	24809	10.0	8.24	
45 Methacrylonitrile	67	5.933	5.909	0.024	87	53610	5.00	4.63	
46 Chlorobromomethane	128	5.988	5.970	0.018	81	14971	0.5000	0.5188	
47 Tetrahydrofuran	71	6.013	5.988	0.025	76	10694	2.50	2.65	
48 Chloroform	83	6.141	6.129	0.012	93	47828	0.5000	0.4999	
S 41 1,2-Dichloroethene, Total	100				0			0.99	
\$ 49 Dibromofluoromethane (Surr)	113	6.360	6.348	0.012	95	433849	10.0	10.0	
50 1,1,1-Trichloroethane	97	6.360	6.354	0.006	49	46796	0.5000	0.5053	
51 Cyclohexane	56	6.458	6.458	0.000	87	39420	0.5000	0.5210	
54 Carbon tetrachloride	117	6.580	6.574	0.006	95	42516	0.5000	0.5088	
53 1,1-Dichloropropene	75	6.592	6.574	0.018	95	35522	0.5000	0.5150	
55 Isobutyl alcohol	41	6.787	6.750	0.037	85	23096	25.0	27.7	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	6.811	6.811	0.000	65	88121	10.0	10.0	
57 Benzene	78	6.848	6.836	0.012	92	105280	0.5000	0.4967	
58 1,2-Dichloroethane	62	6.933	6.915	0.018	97	27822	0.5000	0.4981	
60 Tert-amyl methyl ether	73	7.043	7.043	0.000	98	68990	0.5000	0.5029	
* 61 Fluorobenzene (IS)	96	7.256	7.250	0.006	100	1592165	10.0	10.0	
62 n-Heptane	43	7.281	7.275	0.006	38	28108	0.5000	0.4937	
63 n-Butanol	56	7.756	7.641	0.115	26	19168	43.8	64.5	a
64 Trichloroethene	95	7.756	7.738	0.018	94	30579	0.5000	0.5148	
65 Methylcyclohexane	83	8.049	8.043	0.006	89	45414	0.5000	0.5057	
66 1,2-Dichloropropane	63	8.073	8.067	0.006	91	25899	0.5000	0.5235	
68 1,4-Dioxane	88	8.201	8.171	0.030	31	3412	25.0	18.6	
67 Methyl methacrylate	69	8.207	8.171	0.036	53	8215	0.5000	0.3498	
69 Dibromomethane	93	8.201	8.183	0.018	88	14299	0.5000	0.5231	
71 Dichlorobromomethane	83	8.439	8.427	0.012	97	35482	0.5000	0.5166	
72 2-Nitropropane	41	8.707	8.689	0.018	99	19972	2.50	2.32	
75 1-Bromo-2-chloroethane	63	8.829	8.817	0.012	97	23316	0.5000	0.5063	
76 cis-1,3-Dichloropropene	75	9.006	8.988	0.018	95	37721	0.5000	0.5209	
77 4-Methyl-2-pentanone (MIBK)	43	9.183	9.177	0.006	96	142250	5.00	4.73	
\$ 78 Toluene-d8 (Surr)	98	9.317	9.317	0.000	93	1659784	10.0	10.2	
79 Toluene	92	9.408	9.402	0.006	98	73758	0.5000	0.5238	
97 trans-1,3-Dichloropropene	75	9.701	9.683	0.018	90	31535	0.5000	0.4986	
99 Ethyl methacrylate	69	9.774	9.756	0.018	85	25870	0.5000	0.5044	
100 1,1,2-Trichloroethane	97	9.902	9.896	0.006	91	20833	0.5000	0.5016	
101 Tetrachloroethene	166	9.988	9.982	0.006	97	43831	0.5000	0.5102	
S 98 1,3-Dichloropropene, Total	100				0			1.02	
102 1,3-Dichloropropane	76	10.067	10.061	0.006	89	31780	0.5000	0.5239	
103 2-Hexanone	43	10.134	10.122	0.012	95	95652	5.00	4.59	
105 Chlorodibromomethane	129	10.292	10.286	0.006	90	31141	0.5000	0.5090	
106 Ethylene Dibromide	107	10.408	10.396	0.012	96	19800	0.5000	0.5274	
* 107 Chlorobenzene-d5 (IS)	117	10.841	10.841	0.000	83	1298509	10.0	10.0	
108 1-Chlorohexane	91	10.865	10.859	0.006	92	41898	0.5000	0.5415	
109 Chlorobenzene	112	10.871	10.872	-0.001	99	86953	0.5000	0.5033	
111 1,1,1,2-Tetrachloroethane	131	10.957	10.957	0.000	93	32920	0.5000	0.5186	
112 Ethylbenzene	91	10.969	10.963	0.006	97	139089	0.5000	0.5023	
113 m-Xylene & p-Xylene	106	11.085	11.079	0.006	93	118694	1.00	1.03	
S 110 Xylenes, Total	106				0			1.55	
114 o-Xylene	106	11.420	11.414	0.006	95	58268	0.5000	0.5206	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
115 Styrene	104	11.438	11.432	0.006	94	92137	0.5000	0.5359	
116 Bromoform	173	11.591	11.585	0.006	98	20758	0.5000	0.4627	
117 Isopropylbenzene	105	11.725	11.719	0.006	94	149889	0.5000	0.5066	
\$ 120 4-Bromofluorobenzene (Surr)	95	11.865	11.865	0.000	96	596024	10.0	10.1	
121 1,1,2,2-Tetrachloroethane	83	11.975	11.969	0.006	94	26697	0.5000	0.5044	
122 Bromobenzene	156	11.981	11.975	0.006	86	41523	0.5000	0.4953	
123 trans-1,4-Dichloro-2-butene	53	11.999	11.993	0.006	93	56568	5.00	4.68	
124 1,2,3-Trichloropropane	110	12.018	12.012	0.006	79	8101	0.5000	0.4920	
125 N-Propylbenzene	91	12.054	12.054	0.000	98	158187	0.5000	0.4886	
126 2-Chlorotoluene	126	12.133	12.127	0.006	98	39792	0.5000	0.5411	
127 1,3,5-Trimethylbenzene	105	12.194	12.195	-0.001	95	128453	0.5000	0.5007	
128 4-Chlorotoluene	126	12.225	12.219	0.006	96	39539	0.5000	0.5232	
129 tert-Butylbenzene	134	12.432	12.432	0.000	92	32989	0.5000	0.5202	
130 Pentachloroethane	167	12.463	12.463	0.000	85	24713	0.5000	0.4840	
131 1,2,4-Trimethylbenzene	105	12.481	12.475	0.006	96	132136	0.5000	0.4925	
132 sec-Butylbenzene	105	12.597	12.597	0.000	93	170029	0.5000	0.5023	
133 1,3-Dichlorobenzene	146	12.700	12.694	0.006	97	78000	0.5000	0.5083	
134 4-Isopropyltoluene	119	12.713	12.707	0.006	96	149051	0.5000	0.4966	
* 135 1,4-Dichlorobenzene-d4	152	12.749	12.749	0.000	92	833499	10.0	10.0	
136 1,4-Dichlorobenzene	146	12.774	12.768	0.006	97	84861	0.5000	0.4993	
137 1,2,3-Trimethylbenzene	120	12.780	12.780	0.000	97	63267	0.5000	0.5200	
138 Benzyl chloride	126	12.853	12.847	0.006	97	11343	0.5000	0.4714	
139 n-Butylbenzene	92	13.005	12.999	0.006	97	61339	0.5000	0.4812	
140 1,2-Dichlorobenzene	146	13.030	13.030	0.000	99	76441	0.5000	0.5380	
142 1,2-Dibromo-3-Chloropropane	155	13.578	13.572	0.006	89	5018	0.5000	0.4938	
143 1,3,5-Trichlorobenzene	180	13.700	13.694	0.006	97	63792	0.5000	0.5128	
144 1,2,4-Trichlorobenzene	180	14.121	14.115	0.006	94	53354	0.5000	0.5034	
145 Hexachlorobutadiene	225	14.206	14.200	0.006	96	27228	0.5000	0.4777	
146 Naphthalene	128	14.304	14.292	0.012	96	97521	0.5000	0.4932	
147 1,2,3-Trichlorobenzene	180	14.444	14.438	0.006	96	47687	0.5000	0.4903	
161 Pentane	43		0.000				ND	ND	
150 2-ethoxy-2-methyl butane	1		0.000				ND	ND	
165 Isopropyl alcohol	45		0.000				ND	ND	
156 p-Diethylbenzene	1		0.000				ND	ND	
155 2-Methylnaphthalene	142	15.035	15.029	0.006	93	43523	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LL_#1_826_00174

Amount Added: 2.00

Units: uL

MSV_LL_#2_826_00189

Amount Added: 2.00

Units: uL

MSV_LL_GAS826_00285

Amount Added: 2.00

Units: uL

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 22-Aug-2025 12:40:54

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X15.D

Injection Date: 18-Aug-2025 20:54:30

Instrument ID: 19930

Operator ID: ecr105096

Lims ID: IC std4

Worklist Smp#: 15

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

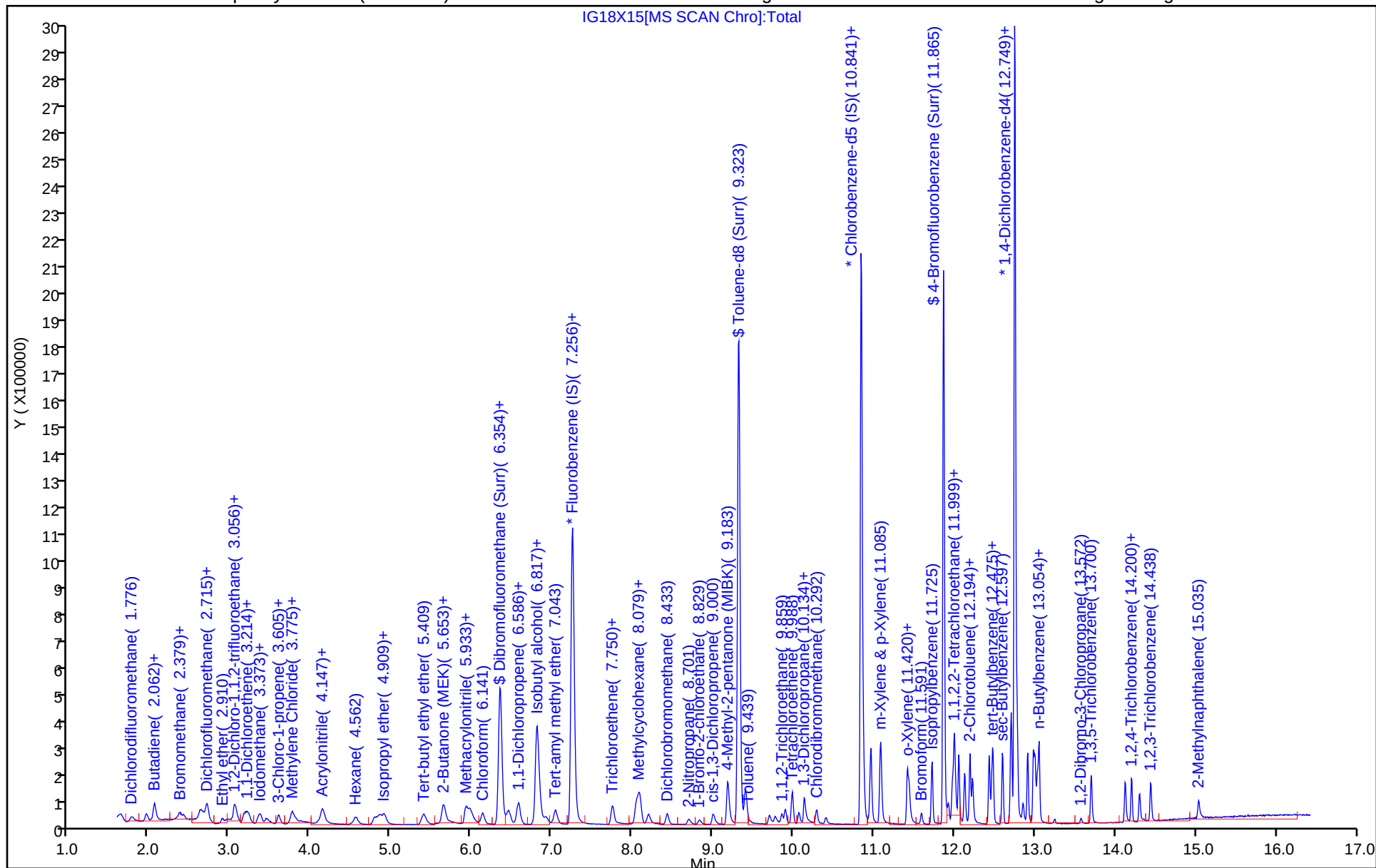
ALS Bottle#: 15

Method: 8260 25ml HP31

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

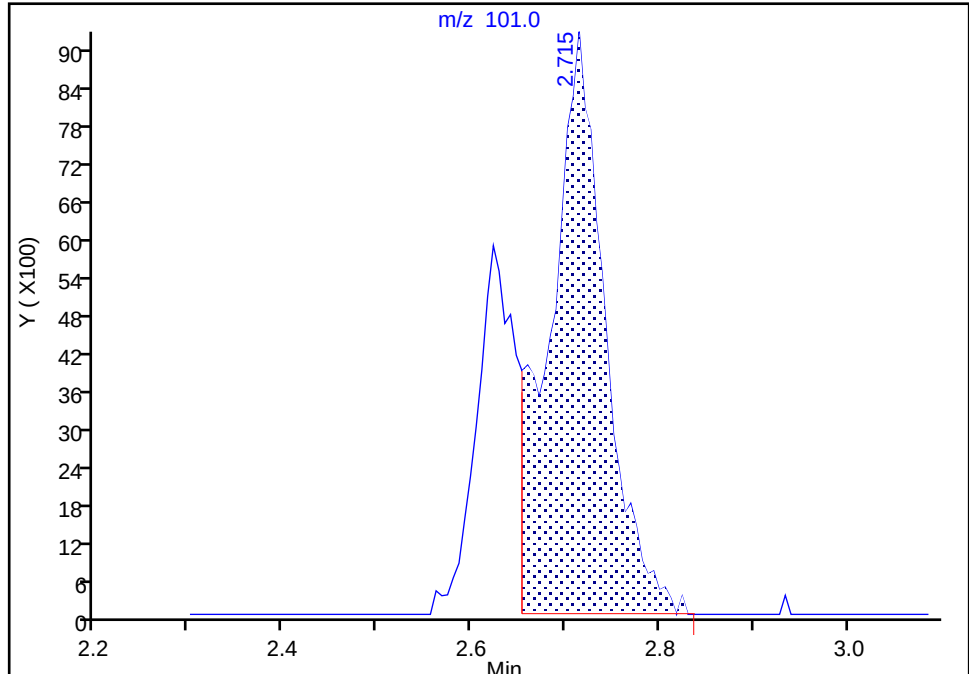
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Injection Date: 18-Aug-2025 20:54:30 Instrument ID: 19930
Lims ID: IC std4
Client ID:
Operator ID: ecr105096 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

10 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

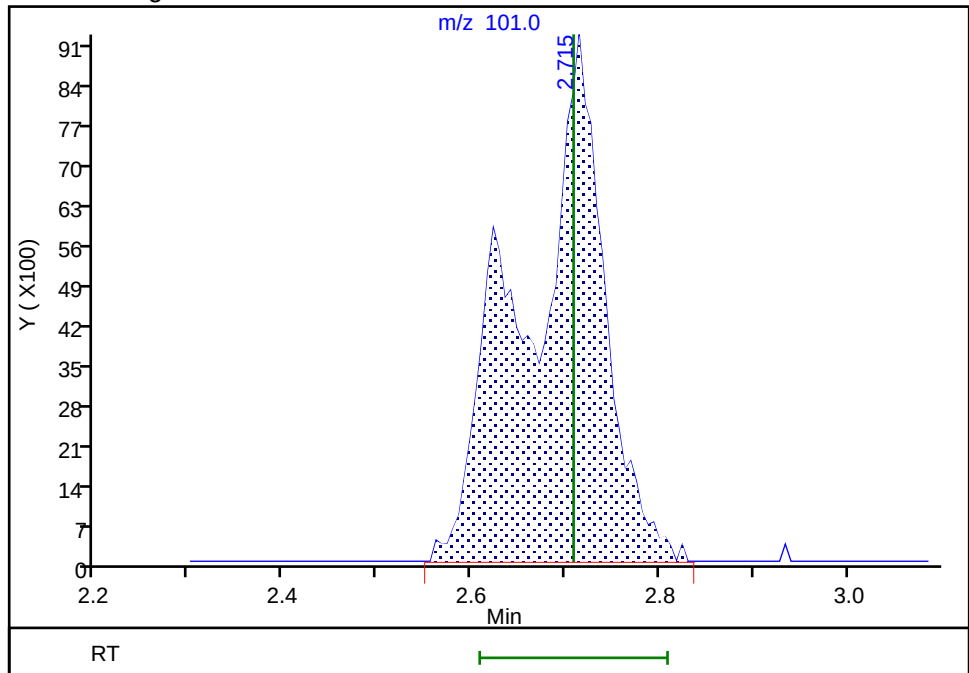
RT: 2.71
Area: 38414
Amount: 0.434884
Amount Units: ug/l

Processing Integration Results



RT: 2.71
Area: 54116
Amount: 0.505560
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:25:25 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

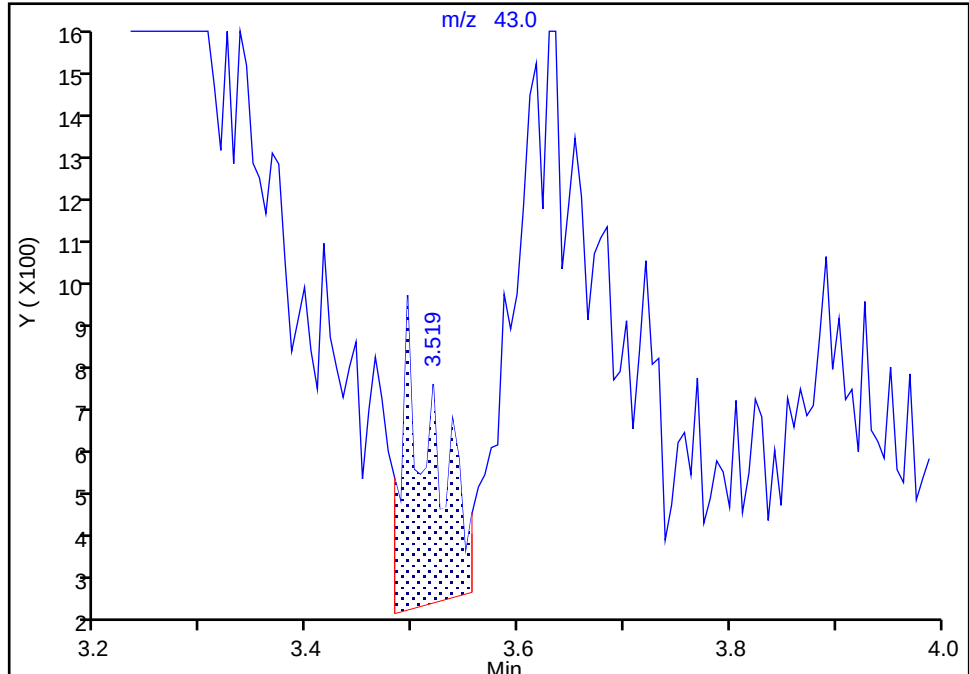
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Injection Date: 18-Aug-2025 20:54:30 Instrument ID: 19930
Lims ID: IC std4
Client ID:
Operator ID: ecr105096 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Methyl acetate, CAS: 79-20-9

Signal: 1

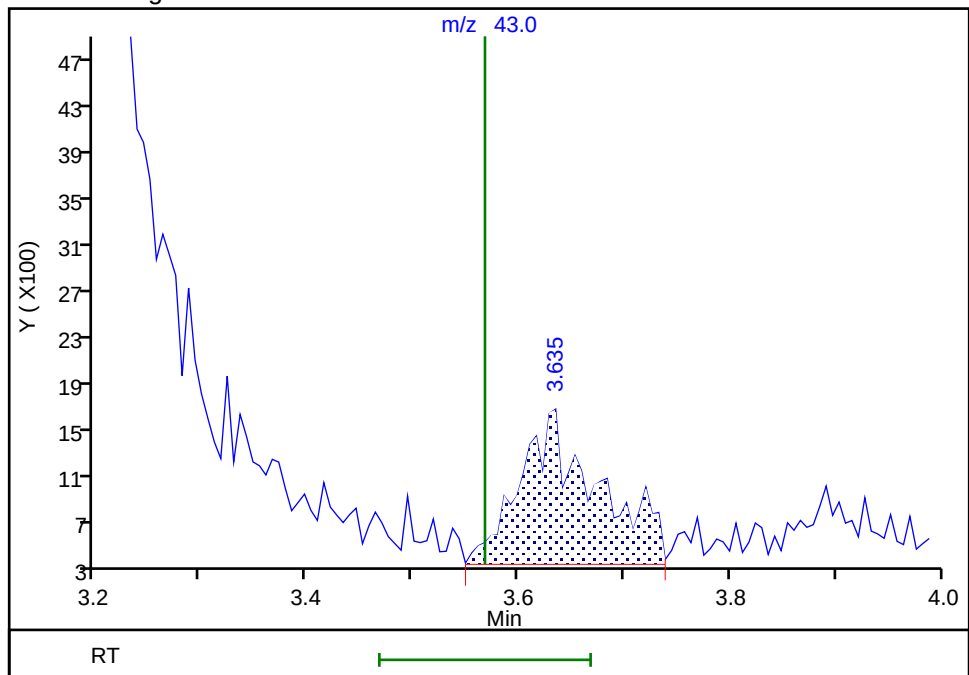
RT: 3.52
Area: 1448
Amount: 0.080742
Amount Units: ug/l

Processing Integration Results



RT: 3.64
Area: 6498
Amount: 0.411869
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:25:48 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

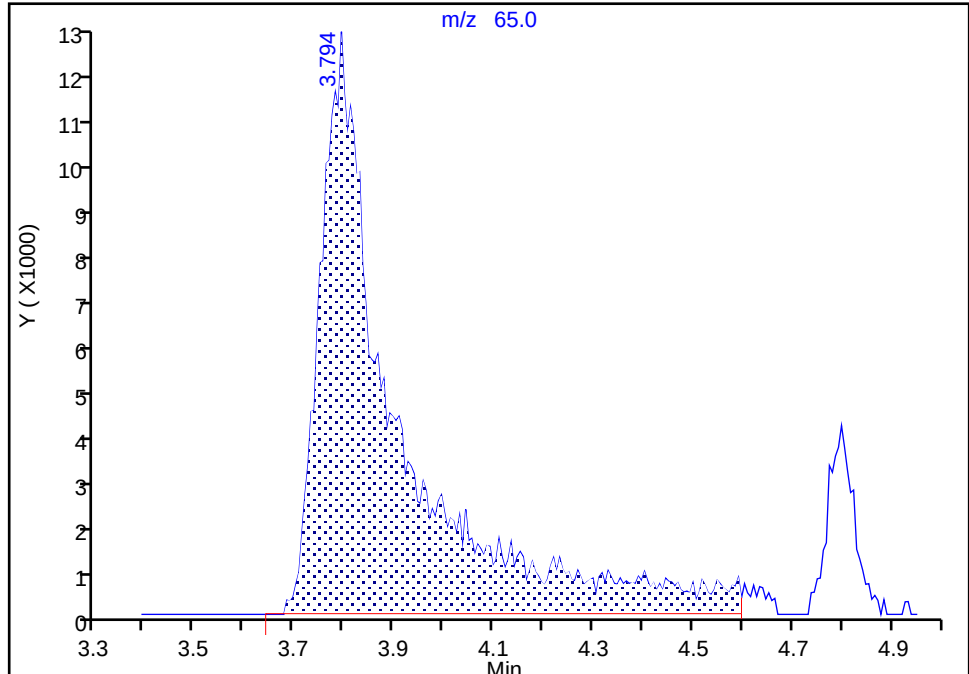
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Injection Date: 18-Aug-2025 20:54:30 Instrument ID: 19930
Lims ID: IC std4
Client ID:
Operator ID: ecr105096 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 26 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

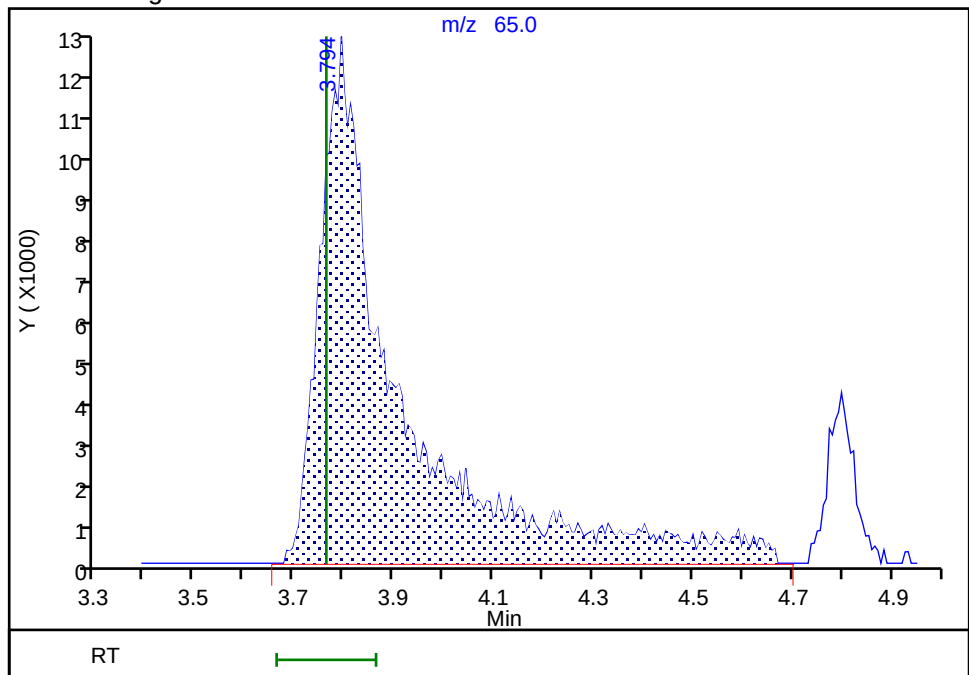
RT: 3.79
Area: 131779
Amount: 50.000000
Amount Units: ug/l

Processing Integration Results



RT: 3.79
Area: 133634
Amount: 50.000000
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:25:59 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

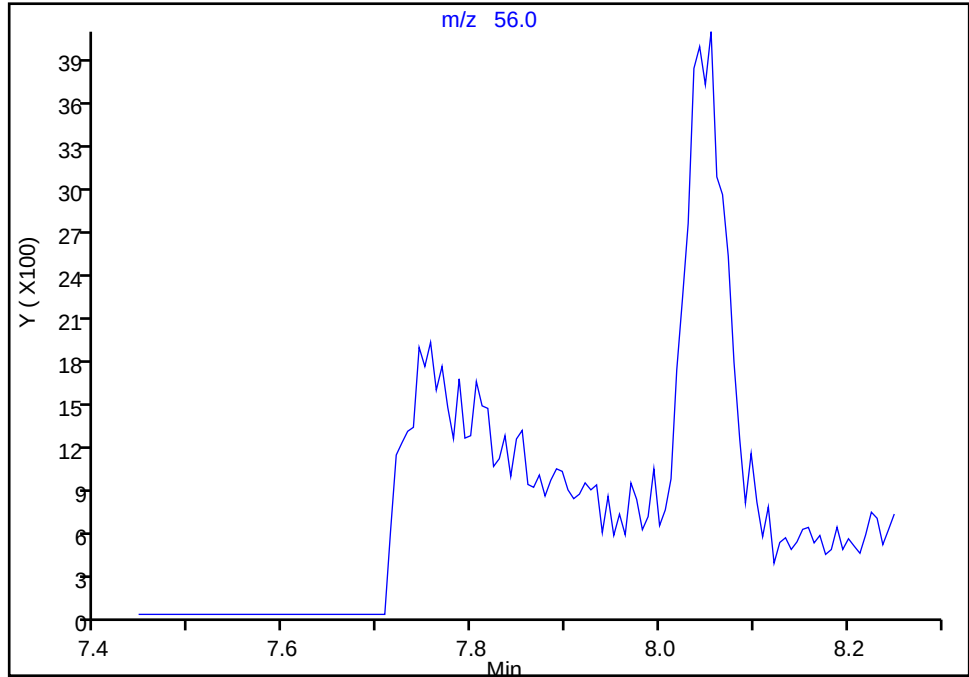
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Injection Date: 18-Aug-2025 20:54:30 Instrument ID: 19930
Lims ID: IC std4
Client ID:
Operator ID: ecr105096 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

63 n-Butanol, CAS: 71-36-3

Signal: 1

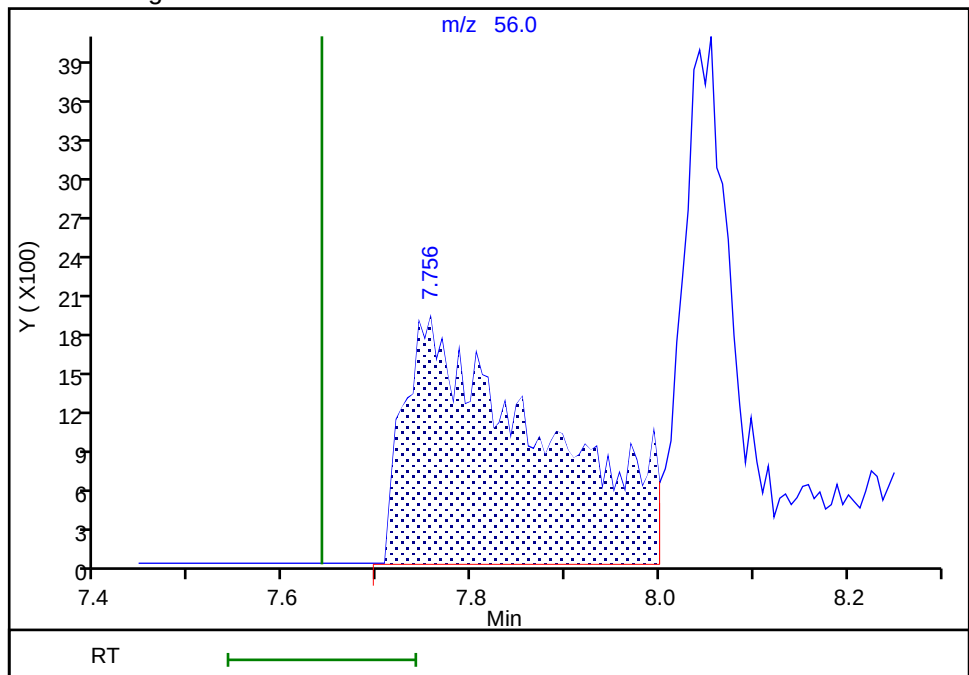
Not Detected
Expected RT: 7.64

Processing Integration Results



RT: 7.76
Area: 19168
Amount: 64.480520
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:26:38 -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\19930\20250818-156919.b\IG18X16.D
 Lims ID: IC std5
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 18-Aug-2025 21:15:30 ALS Bottle#: 16 Worklist Smp#: 16
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156919-017
 Misc. Info.: IC STD5
 Operator ID: ecr105096 Instrument ID: 19930
 Sublist: chrom-8260 25ml HP31*sub2
 Method: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\8260 25ml HP31.m
 Limit Group: MSV - 8260C_D
 Last Update: 22-Aug-2025 12:40:58 Calib Date: 18-Aug-2025 22:36:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1618

First Level Reviewer: N7YK

Date: 20-Aug-2025 13:05:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.776	1.770	0.006	99	77436	1.00	0.9091	
4 Chloromethane	50	1.952	1.953	-0.001	98	68274	1.00	0.8209	
6 Butadiene	39	2.056	2.050	0.006	94	64112	1.00	0.9230	
5 Vinyl chloride	62	2.050	2.050	0.000	97	66423	1.00	0.8535	
7 Bromomethane	94	2.367	2.361	0.006	92	54451	1.00	0.7805	
8 Chloroethane	64	2.416	2.410	0.006	99	38069	1.00	0.7596	
9 Dichlorofluoromethane	67	2.629	2.635	-0.006	97	106082	1.00	0.7847	
10 Trichlorofluoromethane	101	2.708	2.709	-0.001	96	110126	1.00	0.9130	M
11 Ethyl ether	59	2.897	2.891	0.006	88	31344	1.00	0.8942	
13 1,2-Dichloro-1,1,2-trifluoroetha	67	2.989	2.977	0.012	87	51306	1.00	0.8800	
14 Acrolein	56	3.044	3.038	0.006	99	271595	48.8	44.1	
15 1,1-Dichloroethene	96	3.172	3.166	0.006	94	44959	1.00	0.8992	
16 Acetone	43	3.208	3.190	0.018	97	62331	10.0	9.18	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.214	3.215	-0.001	88	50623	1.00	1.05	
18 Iodomethane	142	3.349	3.343	0.006	98	104050	1.00	0.8958	
19 Ethyl bromide	108	3.367	3.367	0.000	98	40213	1.00	0.8459	
20 Carbon disulfide	76	3.446	3.440	0.006	100	121602	1.00	0.8473	
23 Methyl acetate	43	3.599	3.568	0.030	29	14110	1.00	0.8290	M
24 3-Chloro-1-propene	41	3.599	3.586	0.012	88	59776	1.00	0.8382	
25 Methylene Chloride	84	3.763	3.757	0.006	87	48935	1.00	0.9081	
* 26 t-Butyl alcohol-d10 (IS)	65	3.787	3.763	0.024	92	144160	50.0	50.0	M
27 2-Methyl-2-propanol	59	3.909	3.885	0.024	98	53977	20.0	19.5	
28 Acrylonitrile	53	4.141	4.062	0.079	46	18004	2.50	1.98	
29 Methyl tert-butyl ether	73	4.129	4.123	0.006	93	124927	1.00	0.8895	
30 trans-1,2-Dichloroethene	96	4.141	4.135	0.006	94	52536	1.00	0.8770	
31 Hexane	57	4.556	4.544	0.012	90	62192	1.00	0.9362	
32 1,1-Dichloroethane	63	4.793	4.781	0.012	96	84337	1.00	0.8846	
35 Isopropyl ether	45	4.848	4.848	0.000	90	127052	1.00	0.8806	
36 2-Chloro-1,3-butadiene	53	4.909	4.897	0.012	90	66712	1.00	0.9298	
37 Tert-butyl ethyl ether	59	5.403	5.397	0.006	96	135060	1.00	0.9019	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 2-Butanone (MEK)	43	5.635	5.604	0.031	98	98520	10.0	8.24	
39 cis-1,2-Dichloroethene	96	5.641	5.635	0.006	79	58017	1.00	0.8758	
40 2,2-Dichloropropane	77	5.647	5.647	0.000	88	82477	1.00	0.8819	
43 Propionitrile	54	5.720	5.684	0.036	96	55865	20.0	17.2	
45 Methacrylonitrile	67	5.915	5.909	0.006	87	118706	10.0	9.50	
46 Chlorobromomethane	128	5.976	5.970	0.006	83	29855	1.00	0.9180	
47 Tetrahydrofuran	71	6.000	5.988	0.012	76	19308	5.00	4.44	a
48 Chloroform	83	6.135	6.129	0.006	93	94515	1.00	0.8767	
S 41 1,2-Dichloroethene, Total	100				0			1.75	
\$ 49 Dibromofluoromethane (Surr)	113	6.348	6.348	0.000	95	490266	10.0	10.0	
50 1,1,1-Trichloroethane	97	6.348	6.354	-0.006	44	90288	1.00	0.8652	
51 Cyclohexane	56	6.464	6.458	0.006	88	75866	1.00	0.8898	
54 Carbon tetrachloride	117	6.574	6.574	0.000	97	86321	1.00	0.9167	
53 1,1-Dichloropropene	75	6.580	6.574	0.006	94	70078	1.00	0.9016	
55 Isobutyl alcohol	41	6.769	6.750	0.019	90	37599	50.0	41.8	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	6.811	6.811	0.000	68	97234	10.0	9.84	
57 Benzene	78	6.842	6.836	0.006	95	204043	1.00	0.8542	
58 1,2-Dichloroethane	62	6.915	6.915	0.000	97	54998	1.00	0.8738	
60 Tert-amyl methyl ether	73	7.037	7.043	-0.006	99	132377	1.00	0.8562	
* 61 Fluorobenzene (IS)	96	7.250	7.250	0.000	99	1794141	10.0	10.0	
62 n-Heptane	43	7.275	7.275	0.000	93	57112	1.00	0.8903	
63 n-Butanol	56	7.701	7.641	0.060	91	47878	87.5	92.2	
64 Trichloroethene	95	7.744	7.738	0.006	94	58679	1.00	0.8767	
65 Methylcyclohexane	83	8.043	8.043	0.000	88	95412	1.00	0.9429	
66 1,2-Dichloropropane	63	8.073	8.067	0.006	92	49925	1.00	0.8955	
68 1,4-Dioxane	88	8.183	8.171	0.012	36	7976	50.0	40.4	
67 Methyl methacrylate	69	8.201	8.171	0.030	67	22736	1.00	0.8974	
69 Dibromomethane	93	8.195	8.183	0.012	87	27696	1.00	0.8992	
71 Dichlorobromomethane	83	8.427	8.427	0.000	98	69585	1.00	0.8991	
72 2-Nitropropane	41	8.695	8.689	0.006	99	41235	5.00	4.44	M
75 1-Bromo-2-chloroethane	63	8.829	8.817	0.012	97	45132	1.00	0.8696	
76 cis-1,3-Dichloropropene	75	9.000	8.988	0.012	96	78156	1.00	0.9578	
77 4-Methyl-2-pentanone (MIBK)	43	9.183	9.177	0.006	95	293671	10.0	9.06	
\$ 78 Toluene-d8 (Surr)	98	9.317	9.317	0.000	93	1867748	10.0	9.96	
79 Toluene	92	9.402	9.402	0.000	99	142139	1.00	0.8797	
97 trans-1,3-Dichloropropene	75	9.695	9.683	0.012	91	65502	1.00	0.9026	
99 Ethyl methacrylate	69	9.768	9.756	0.012	86	51780	1.00	0.8798	
100 1,1,2-Trichloroethane	97	9.896	9.896	0.000	90	42904	1.00	0.9001	
101 Tetrachloroethene	166	9.981	9.982	-0.001	95	87229	1.00	0.8849	
S 98 1,3-Dichloropropene, Total	100				0			1.86	
102 1,3-Dichloropropane	76	10.067	10.061	0.006	89	67111	1.00	0.9640	
103 2-Hexanone	43	10.128	10.122	0.006	95	199156	10.0	8.87	
105 Chlorodibromomethane	129	10.286	10.286	0.000	90	61438	1.00	0.8751	
106 Ethylene Dibromide	107	10.402	10.396	0.006	98	40444	1.00	0.9388	
* 107 Chlorobenzene-d5 (IS)	117	10.841	10.841	0.000	83	1490061	10.0	10.0	
108 1-Chlorohexane	91	10.859	10.859	0.000	92	75451	1.00	0.8498	
109 Chlorobenzene	112	10.871	10.872	-0.001	98	175323	1.00	0.8844	
111 1,1,1,2-Tetrachloroethane	131	10.957	10.957	0.000	94	66223	1.00	0.9092	
112 Ethylbenzene	91	10.963	10.963	0.000	98	272629	1.00	0.8580	
113 m-Xylene & p-Xylene	106	11.085	11.079	0.006	92	233735	2.00	1.76	
S 110 Xylenes, Total	106				0			2.65	
114 o-Xylene	106	11.414	11.414	0.000	96	114049	1.00	0.8880	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
115 Styrene	104	11.438	11.432	0.006	95	176264	1.00	0.8934	
116 Bromoform	173	11.591	11.585	0.006	98	41576	1.00	0.8076	
117 Isopropylbenzene	105	11.719	11.719	0.000	95	298827	1.00	0.8802	
\$ 120 4-Bromofluorobenzene (Surr)	95	11.865	11.865	0.000	97	684650	10.0	10.1	
121 1,1,2,2-Tetrachloroethane	83	11.969	11.969	0.000	95	51048	1.00	0.8378	
122 Bromobenzene	156	11.981	11.975	0.006	85	84331	1.00	0.8738	
123 trans-1,4-Dichloro-2-butene	53	11.999	11.993	0.006	94	117641	10.0	9.02	
124 1,2,3-Trichloropropane	110	12.018	12.012	0.006	79	16401	1.00	0.8653	
125 N-Propylbenzene	91	12.054	12.054	0.000	98	308435	1.00	0.8275	
126 2-Chlorotoluene	126	12.127	12.127	0.000	98	77598	1.00	0.9167	
127 1,3,5-Trimethylbenzene	105	12.194	12.195	-0.001	96	248447	1.00	0.8413	
128 4-Chlorotoluene	126	12.225	12.219	0.006	96	80081	1.00	0.9204	
129 tert-Butylbenzene	134	12.432	12.432	0.000	91	65166	1.00	0.8927	
130 Pentachloroethane	167	12.463	12.463	0.000	88	48254	1.00	0.8209	
131 1,2,4-Trimethylbenzene	105	12.481	12.475	0.006	96	257760	1.00	0.8345	
132 sec-Butylbenzene	105	12.597	12.597	0.000	93	328280	1.00	0.8425	
133 1,3-Dichlorobenzene	146	12.700	12.694	0.006	97	156156	1.00	0.8840	
134 4-Isopropyltoluene	119	12.706	12.707	-0.001	96	294567	1.00	0.8526	
* 135 1,4-Dichlorobenzene-d4	152	12.749	12.749	0.000	92	959492	10.0	10.0	
136 1,4-Dichlorobenzene	146	12.767	12.768	-0.001	98	168947	1.00	0.8635	
137 1,2,3-Trimethylbenzene	120	12.780	12.780	0.000	97	118003	1.00	0.8425	
138 Benzyl chloride	126	12.853	12.847	0.006	98	23407	1.00	0.8450	
139 n-Butylbenzene	92	12.999	12.999	0.000	97	125831	1.00	0.8576	
140 1,2-Dichlorobenzene	146	13.030	13.030	0.000	98	149259	1.00	0.9126	
142 1,2-Dibromo-3-Chloropropane	155	13.572	13.572	0.000	92	10670	1.00	0.9120	
143 1,3,5-Trichlorobenzene	180	13.700	13.694	0.006	97	128641	1.00	0.8983	
144 1,2,4-Trichlorobenzene	180	14.121	14.115	0.006	94	110079	1.00	0.9023	
145 Hexachlorobutadiene	225	14.200	14.200	0.000	94	56565	1.00	0.8621	
146 Naphthalene	128	14.298	14.292	0.006	96	202082	1.00	0.8878	
147 1,2,3-Trichlorobenzene	180	14.438	14.438	0.000	95	97737	1.00	0.8730	
150 2-ethoxy-2-methyl butane	1		0.000				ND	ND	
165 Isopropyl alcohol	45		0.000				ND	ND	
161 Pentane	43		0.000				ND	ND	
156 p-Diethylbenzene	1		0.000				ND	ND	
155 2-Methylnaphthalene	142	15.035	15.029	0.006	93	92997	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LL_#1_826_00174

Amount Added: 2.00

Units: uL

MSV_LL_#2_826_00189

Amount Added: 2.00

Units: uL

MSV_LL_GAS826_00285

Amount Added: 2.00

Units: uL

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 22-Aug-2025 12:40:59

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X16.D

Injection Date: 18-Aug-2025 21:15:30

Instrument ID: 19930

Operator ID: ecr105096

Lims ID: IC std5

Worklist Smp#: 16

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

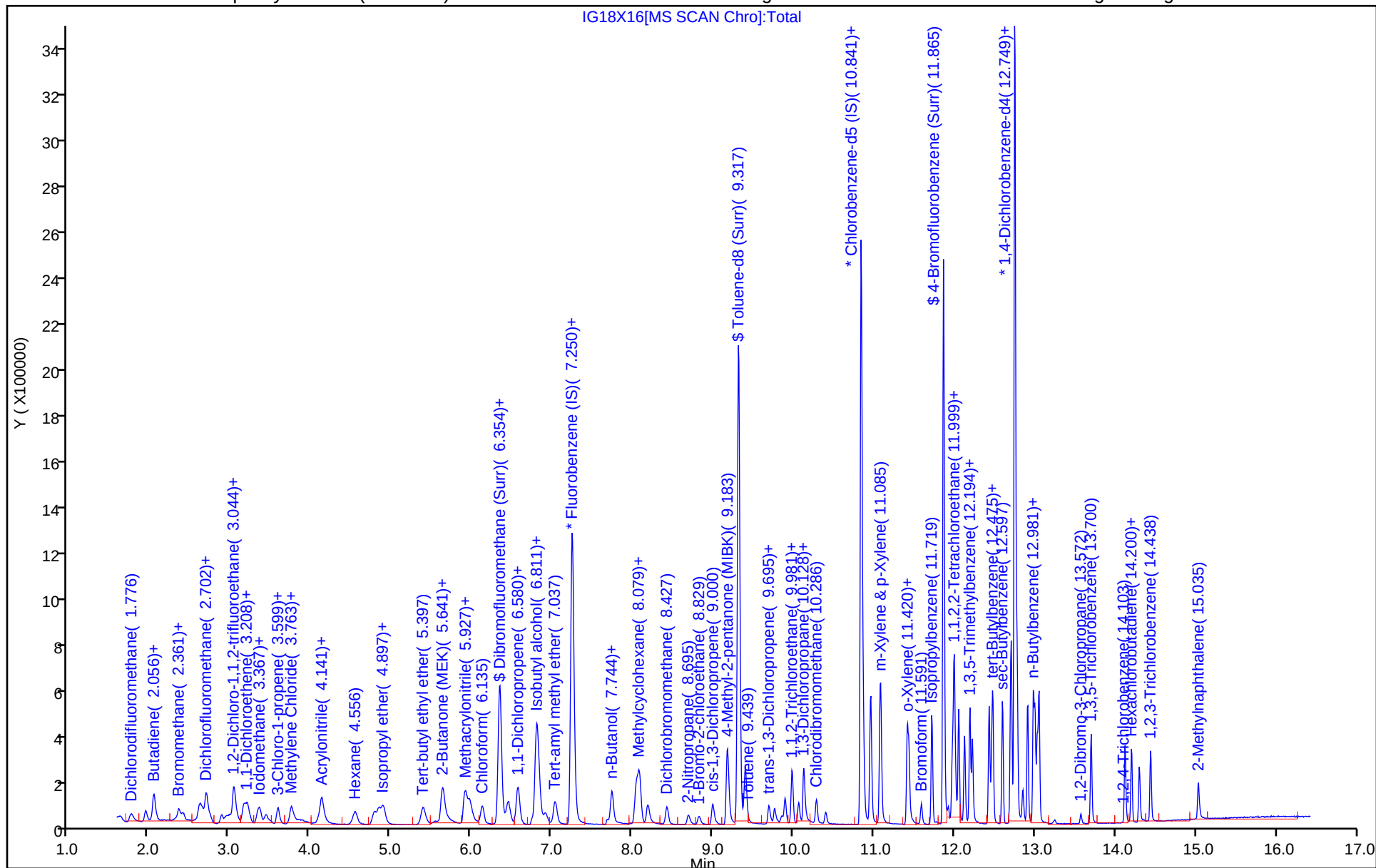
ALS Bottle#: 16

Method: 8260 25ml HP31

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

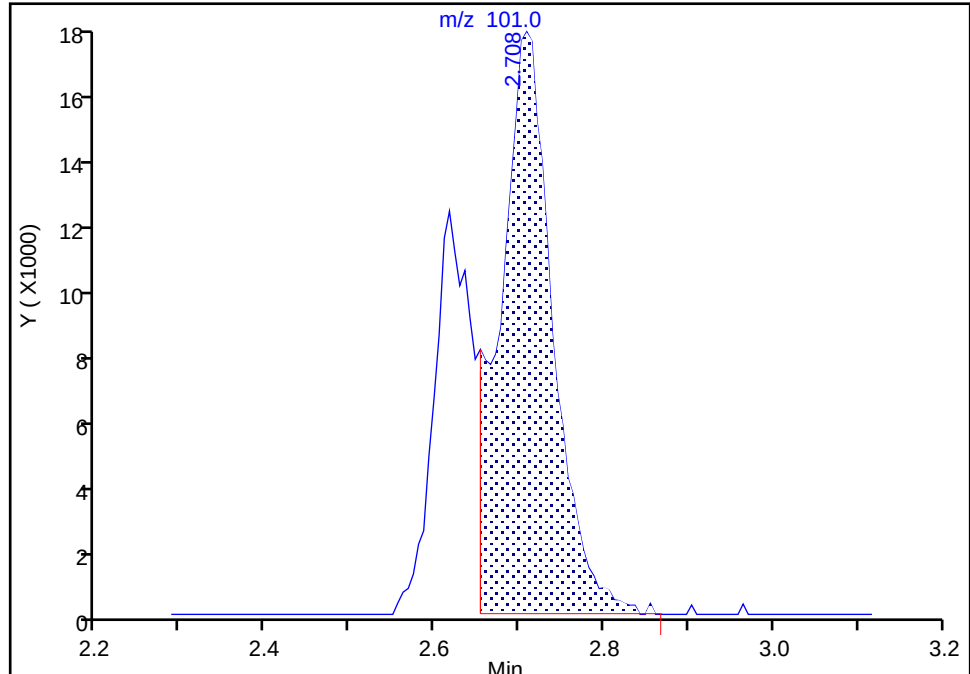
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Injection Date: 18-Aug-2025 21:15:30 Instrument ID: 19930
Lims ID: IC std5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

10 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

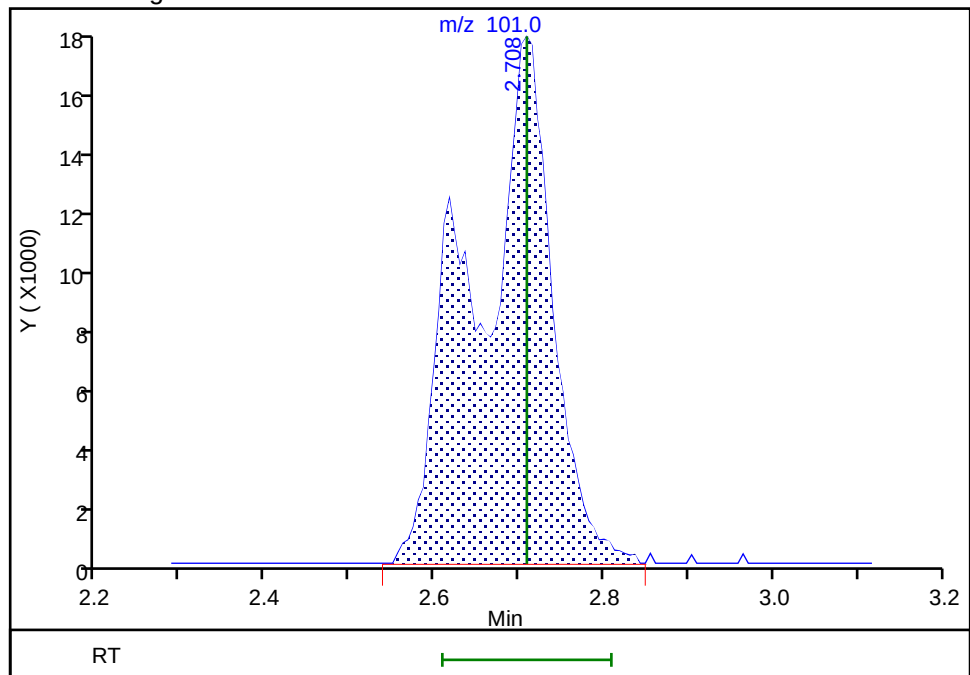
RT: 2.71
Area: 75101
Amount: 0.725831
Amount Units: ug/l

Processing Integration Results



RT: 2.71
Area: 110126
Amount: 0.912996
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:33:05 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

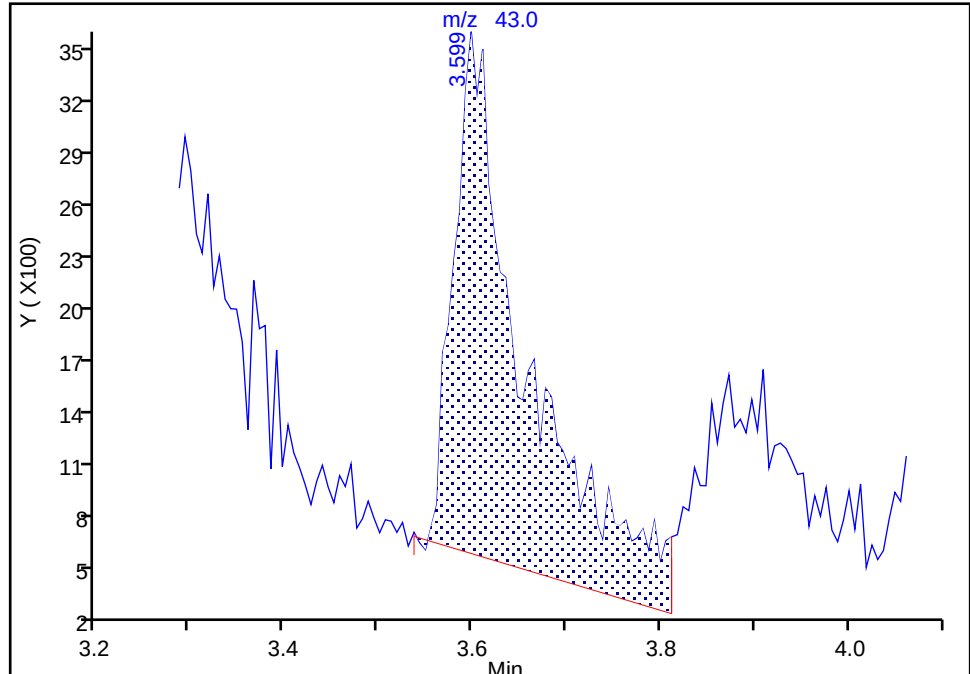
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Injection Date: 18-Aug-2025 21:15:30 Instrument ID: 19930
Lims ID: IC std5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Methyl acetate, CAS: 79-20-9

Signal: 1

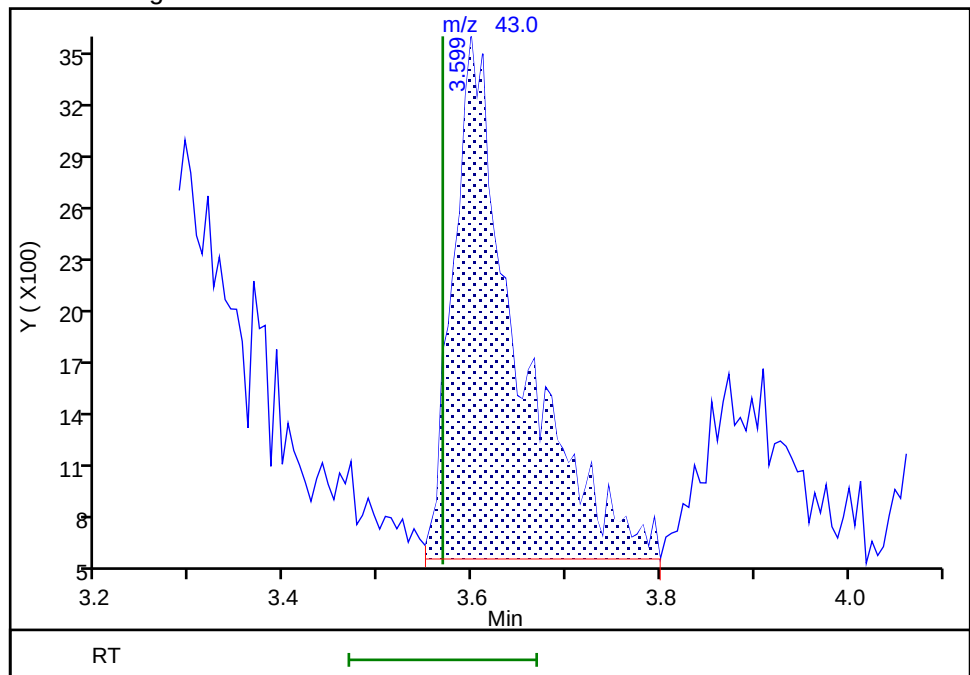
RT: 3.60
Area: 15482
Amount: 0.760802
Amount Units: ug/l

Processing Integration Results



RT: 3.60
Area: 14110
Amount: 0.829045
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:33:45 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

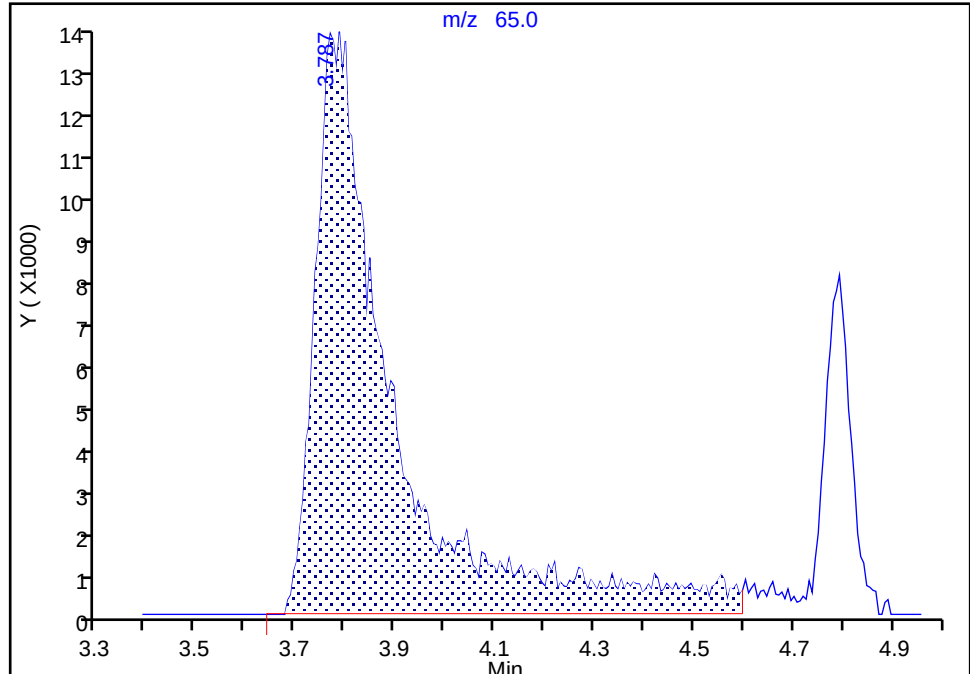
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Injection Date: 18-Aug-2025 21:15:30 Instrument ID: 19930
Lims ID: IC std5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 26 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

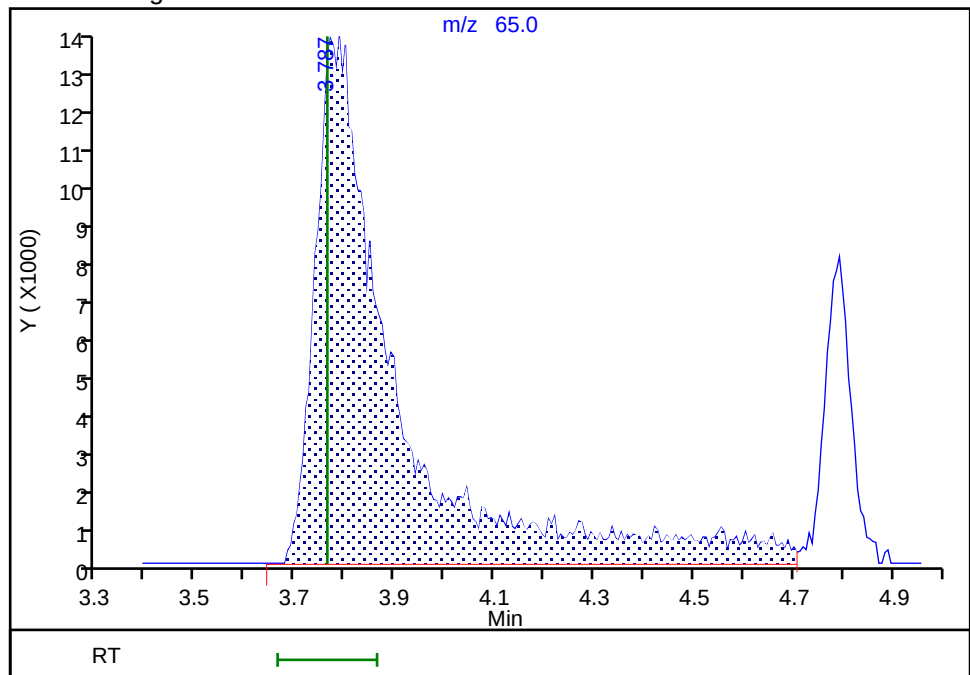
RT: 3.79
Area: 140874
Amount: 50.000000
Amount Units: ug/l

Processing Integration Results



RT: 3.79
Area: 144160
Amount: 50.000000
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:34:09 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

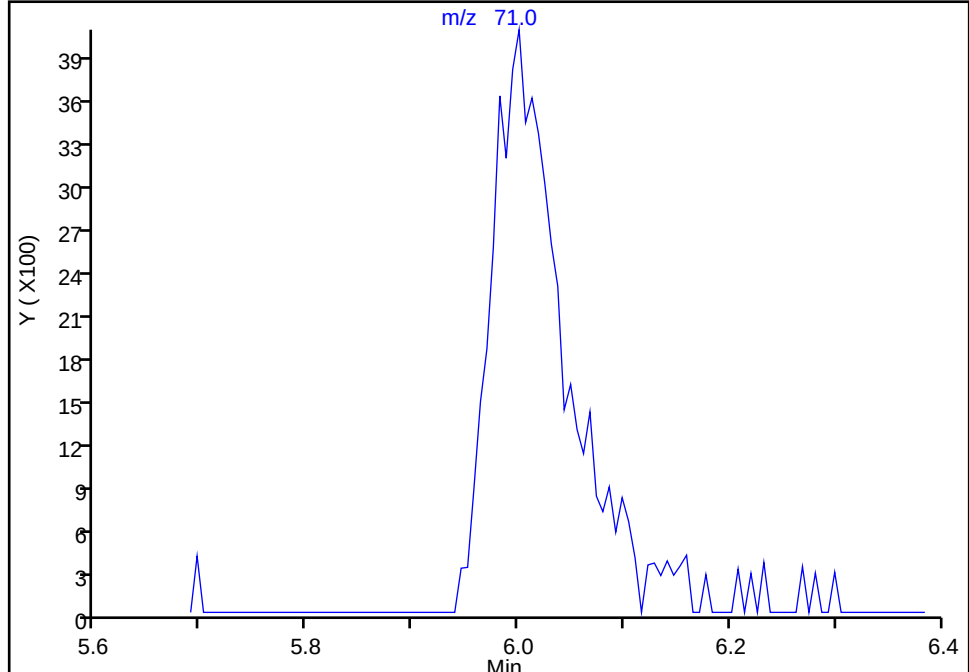
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Injection Date: 18-Aug-2025 21:15:30 Instrument ID: 19930
Lims ID: IC std5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

47 Tetrahydrofuran, CAS: 109-99-9

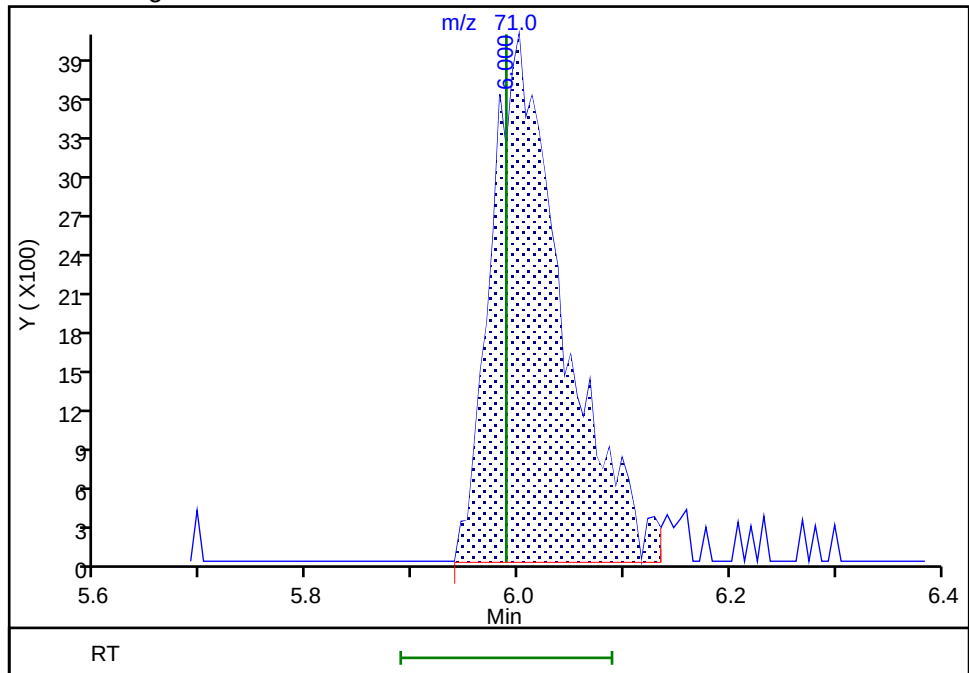
Signal: 1

Not Detected
Expected RT: 5.99

Processing Integration Results



Manual Integration Results



RT: 6.00
Area: 19308
Amount: 4.441905
Amount Units: ug/l

Reviewer: N7YK, 20-Aug-2025 13:04:02 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

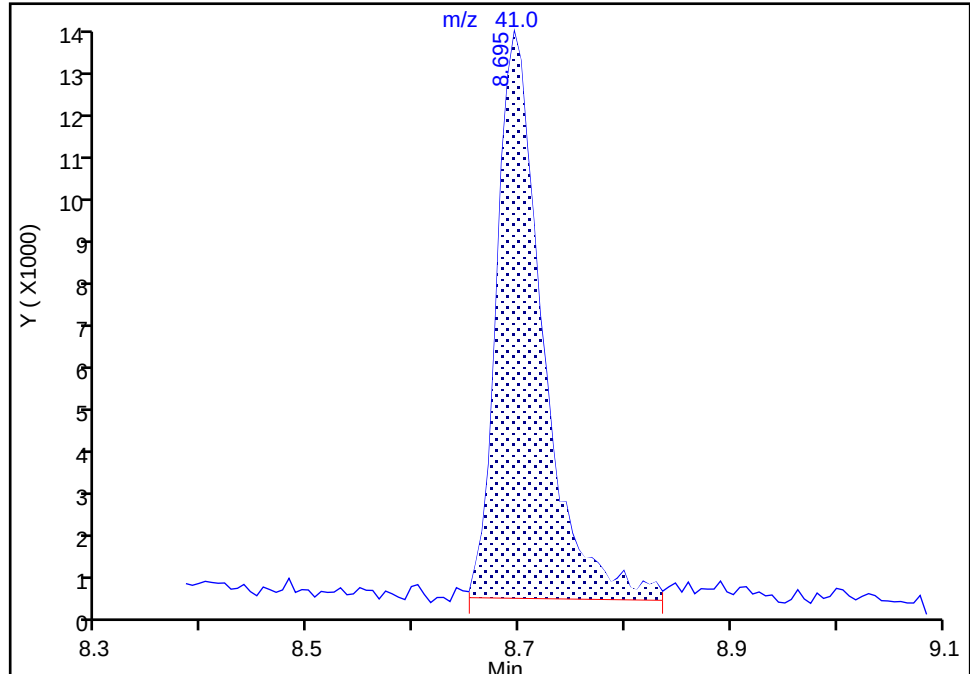
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Injection Date: 18-Aug-2025 21:15:30 Instrument ID: 19930
Lims ID: IC std5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 2-Nitropropane, CAS: 79-46-9

Signal: 1

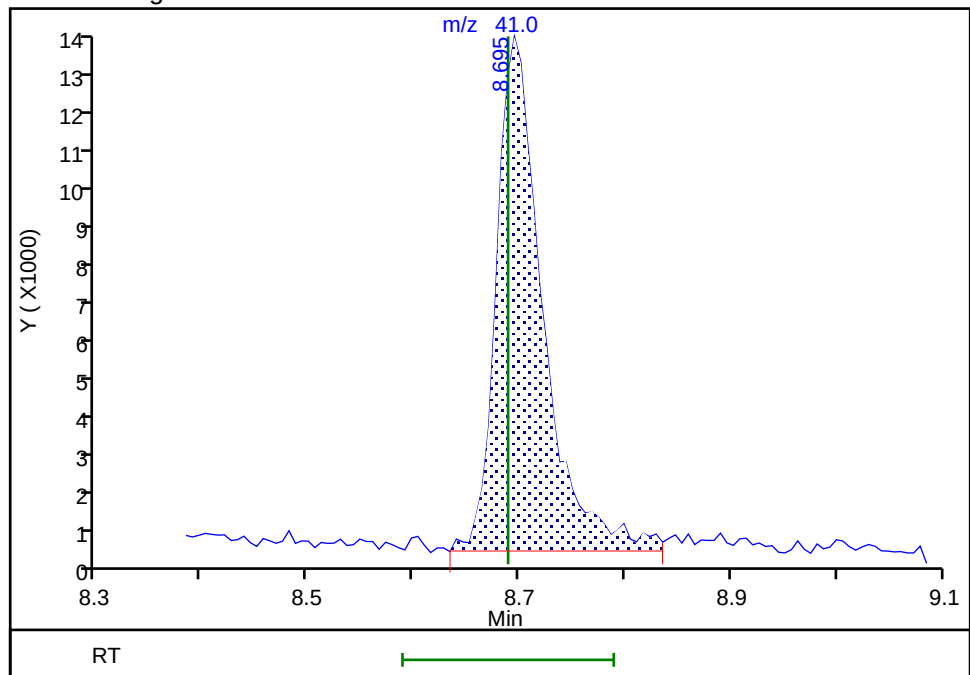
RT: 8.70
Area: 39964
Amount: 3.545491
Amount Units: ug/l

Processing Integration Results



RT: 8.70
Area: 41235
Amount: 4.441670
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 13:05:01 -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\19930\20250818-156919.b\IG18X17.D
 Lims ID: IC std6
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 18-Aug-2025 21:35:30 ALS Bottle#: 17 Worklist Smp#: 17
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156919-018
 Misc. Info.: IC STD6
 Operator ID: ecr105096 Instrument ID: 19930
 Sublist: chrom-8260 25ml HP31*sub2
 Method: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\8260 25ml HP31.m
 Limit Group: MSV - 8260C_D
 Last Update: 22-Aug-2025 12:41:03 Calib Date: 18-Aug-2025 22:36:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1618

First Level Reviewer: N7YK

Date: 20-Aug-2025 13:11:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.776	1.776	0.000	99	161060	2.00	2.22	
4 Chloromethane	50	1.965	1.965	0.000	99	140452	2.00	1.98	
6 Butadiene	39	2.062	2.062	0.000	94	120946	2.00	2.04	
5 Vinyl chloride	62	2.062	2.062	0.000	97	139185	2.00	2.10	
7 Bromomethane	94	2.367	2.367	0.000	91	110217	2.00	1.85	
8 Chloroethane	64	2.422	2.422	0.000	99	79495	2.00	1.86	
9 Dichlorofluoromethane	67	2.641	2.641	0.000	97	218392	2.00	1.89	
10 Trichlorofluoromethane	101	2.721	2.721	0.000	67	231729	2.00	2.25	M
11 Ethyl ether	59	2.904	2.904	0.000	87	69628	2.00	2.33	
13 1,2-Dichloro-1,1,2-trifluoroetha	67	2.995	2.995	0.000	89	106153	2.00	2.13	
14 Acrolein	56	3.056	3.056	0.000	99	556490	97.6	106.6	
15 1,1-Dichloroethene	96	3.178	3.178	0.000	96	92441	2.00	2.17	
16 Acetone	43	3.215	3.215	0.000	99	125625	20.0	21.8	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.221	3.221	0.000	87	99456	2.00	2.41	
18 Iodomethane	142	3.355	3.355	0.000	99	210281	2.00	2.12	
19 Ethyl bromide	108	3.373	3.373	0.000	98	86452	2.00	2.13	
20 Carbon disulfide	76	3.452	3.452	0.000	100	244958	2.00	2.00	
23 Methyl acetate	43	3.599	3.599	0.000	35	28033	2.00	1.94	
24 3-Chloro-1-propene	41	3.599	3.599	0.000	87	120787	2.00	1.98	
25 Methylene Chloride	84	3.769	3.769	0.000	87	98582	2.00	2.14	
* 26 t-Butyl alcohol-d10 (IS)	65	3.800	3.800	0.000	93	122361	50.0	50.0	M
27 2-Methyl-2-propanol	59	3.909	3.909	0.000	99	111848	40.0	47.6	
28 Acrylonitrile	53	4.105	4.105	0.000	95	43380	5.00	5.62	
29 Methyl tert-butyl ether	73	4.135	4.135	0.000	94	255074	2.00	2.13	
30 trans-1,2-Dichloroethene	96	4.147	4.147	0.000	96	104939	2.00	2.05	
31 Hexane	57	4.562	4.562	0.000	90	127230	2.00	2.24	
32 1,1-Dichloroethane	63	4.793	4.793	0.000	96	172226	2.00	2.12	
35 Isopropyl ether	45	4.867	4.867	0.000	90	256759	2.00	2.09	
36 2-Chloro-1,3-butadiene	53	4.915	4.915	0.000	90	136693	2.00	2.23	
37 Tert-butyl ethyl ether	59	5.403	5.403	0.000	95	267889	2.00	2.10	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 2-Butanone (MEK)	43	5.629	5.629	0.000	98	222646	20.0	21.9	
39 cis-1,2-Dichloroethene	96	5.647	5.647	0.000	78	120775	2.00	2.14	
40 2,2-Dichloropropane	77	5.647	5.647	0.000	67	162500	2.00	2.04	
43 Propionitrile	54	5.714	5.714	0.000	99	117182	40.0	42.5	
45 Methacrylonitrile	67	5.921	5.921	0.000	88	254450	20.0	24.0	
46 Chlorobromomethane	128	5.988	5.988	0.000	84	60845	2.00	2.19	
47 Tetrahydrofuran	71	6.007	6.007	0.000	75	41019	10.0	11.1	
48 Chloroform	83	6.141	6.141	0.000	93	189359	2.00	2.06	
S 41 1,2-Dichloroethene, Total	100				0			4.19	
\$ 49 Dibromofluoromethane (Surr)	113	6.360	6.360	0.000	95	416143	10.0	9.98	
50 1,1,1-Trichloroethane	97	6.360	6.360	0.000	56	183836	2.00	2.06	
51 Cyclohexane	56	6.464	6.464	0.000	88	151672	2.00	2.08	
54 Carbon tetrachloride	117	6.574	6.574	0.000	97	175627	2.00	2.19	
53 1,1-Dichloropropene	75	6.586	6.586	0.000	94	142479	2.00	2.15	
55 Isobutyl alcohol	41	6.750	6.750	0.000	94	78888	100.0	103.2	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	6.811	6.811	0.000	87	83866	10.0	9.94	
57 Benzene	78	6.842	6.842	0.000	96	409299	2.00	2.01	
58 1,2-Dichloroethane	62	6.921	6.921	0.000	98	110597	2.00	2.06	
60 Tert-amyl methyl ether	73	7.043	7.043	0.000	98	270555	2.00	2.05	
* 61 Fluorobenzene (IS)	96	7.256	7.256	0.000	99	1530949	10.0	10.0	
62 n-Heptane	43	7.281	7.281	0.000	87	118556	2.00	2.17	
63 n-Butanol	56	7.671	7.671	0.000	88	114113	175.0	181.2	
64 Trichloroethene	95	7.744	7.744	0.000	93	118605	2.00	2.08	
65 Methylcyclohexane	83	8.049	8.049	0.000	87	191748	2.00	2.22	
66 1,2-Dichloropropane	63	8.073	8.073	0.000	95	102212	2.00	2.15	
68 1,4-Dioxane	88	8.183	8.183	0.000	32	20215	100.0	120.6	
67 Methyl methacrylate	69	8.189	8.189	0.000	74	49381	2.00	2.30	
69 Dibromomethane	93	8.189	8.189	0.000	87	57823	2.00	2.20	
71 Dichlorobromomethane	83	8.433	8.433	0.000	99	142011	2.00	2.15	
72 2-Nitropropane	41	8.695	8.695	0.000	100	84372	10.0	10.7	
75 1-Bromo-2-chloroethane	63	8.823	8.823	0.000	98	101478	2.00	2.29	
76 cis-1,3-Dichloropropene	75	9.000	9.000	0.000	96	162104	2.00	2.33	
77 4-Methyl-2-pentanone (MIBK)	43	9.183	9.183	0.000	95	616259	20.0	22.4	
\$ 78 Toluene-d8 (Surr)	98	9.323	9.323	0.000	93	1591293	10.0	10.1	
79 Toluene	92	9.402	9.402	0.000	98	278842	2.00	2.05	
97 trans-1,3-Dichloropropene	75	9.689	9.689	0.000	91	133256	2.00	2.18	
99 Ethyl methacrylate	69	9.762	9.762	0.000	86	108942	2.00	2.20	
100 1,1,2-Trichloroethane	97	9.896	9.896	0.000	90	82378	2.00	2.05	
101 Tetrachloroethene	166	9.988	9.988	0.000	95	179967	2.00	2.17	
S 98 1,3-Dichloropropene, Total	100				0			4.51	
102 1,3-Dichloropropane	76	10.067	10.067	0.000	88	136721	2.00	2.33	
103 2-Hexanone	43	10.128	10.128	0.000	96	437269	20.0	22.9	
105 Chlorodibromomethane	129	10.286	10.286	0.000	89	127394	2.00	2.15	
106 Ethylene Dibromide	107	10.402	10.402	0.000	98	84383	2.00	2.32	
* 107 Chlorobenzene-d5 (IS)	117	10.841	10.841	0.000	83	1256179	10.0	10.0	
108 1-Chlorohexane	91	10.859	10.859	0.000	92	157407	2.00	2.10	
109 Chlorobenzene	112	10.872	10.872	0.000	98	349743	2.00	2.09	
111 1,1,1,2-Tetrachloroethane	131	10.957	10.957	0.000	96	133668	2.00	2.18	
112 Ethylbenzene	91	10.963	10.963	0.000	97	554593	2.00	2.07	
113 m-Xylene & p-Xylene	106	11.085	11.085	0.000	92	476086	4.00	4.26	
S 110 Xylenes, Total	106				0			6.40	
114 o-Xylene	106	11.414	11.414	0.000	96	231644	2.00	2.14	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
115 Styrene	104	11.432	11.432	0.000	95	365594	2.00	2.20	
116 Bromoform	173	11.591	11.591	0.000	98	87708	2.00	2.02	
117 Isopropylbenzene	105	11.719	11.719	0.000	95	595016	2.00	2.08	
\$ 120 4-Bromofluorobenzene (Surr)	95	11.865	11.865	0.000	96	567335	10.0	9.90	
121 1,1,2,2-Tetrachloroethane	83	11.969	11.969	0.000	95	106182	2.00	2.10	
122 Bromobenzene	156	11.981	11.981	0.000	92	172462	2.00	2.15	
123 trans-1,4-Dichloro-2-butene	53	11.999	11.999	0.000	94	237182	20.0	21.4	
124 1,2,3-Trichloropropane	110	12.018	12.018	0.000	81	33718	2.00	2.14	
125 N-Propylbenzene	91	12.054	12.054	0.000	98	648704	2.00	2.09	
126 2-Chlorotoluene	126	12.127	12.127	0.000	98	153442	2.00	2.18	
127 1,3,5-Trimethylbenzene	105	12.194	12.194	0.000	94	509012	2.00	2.07	
128 4-Chlorotoluene	126	12.225	12.225	0.000	96	159720	2.00	2.21	
129 tert-Butylbenzene	134	12.432	12.432	0.000	91	132318	2.00	2.18	
130 Pentachloroethane	167	12.463	12.463	0.000	92	108934	2.00	2.23	
131 1,2,4-Trimethylbenzene	105	12.481	12.481	0.000	96	527149	2.00	2.05	
132 sec-Butylbenzene	105	12.597	12.597	0.000	93	666191	2.00	2.06	
133 1,3-Dichlorobenzene	146	12.694	12.694	0.000	97	320907	2.00	2.18	
134 4-Isopropyltoluene	119	12.707	12.707	0.000	96	602652	2.00	2.10	
* 135 1,4-Dichlorobenzene-d4	152	12.749	12.749	0.000	92	797985	10.0	10.0	
136 1,4-Dichlorobenzene	146	12.768	12.768	0.000	97	329509	2.00	2.03	
137 1,2,3-Trimethylbenzene	120	12.780	12.780	0.000	98	239142	2.00	2.05	
138 Benzyl chloride	126	12.847	12.847	0.000	97	50908	2.00	2.21	
139 n-Butylbenzene	92	12.999	12.999	0.000	96	258122	2.00	2.12	
140 1,2-Dichlorobenzene	146	13.030	13.030	0.000	99	301611	2.00	2.22	
142 1,2-Dibromo-3-Chloropropane	155	13.572	13.572	0.000	92	21455	2.00	2.21	
143 1,3,5-Trichlorobenzene	180	13.700	13.700	0.000	97	267486	2.00	2.25	
144 1,2,4-Trichlorobenzene	180	14.121	14.121	0.000	94	230860	2.00	2.28	
145 Hexachlorobutadiene	225	14.206	14.206	0.000	96	113976	2.00	2.09	
146 Naphthalene	128	14.298	14.298	0.000	96	415710	2.00	2.20	
147 1,2,3-Trichlorobenzene	180	14.438	14.438	0.000	96	210622	2.00	2.26	
165 Isopropyl alcohol	45		0.000				ND	ND	
161 Pentane	43		0.000				ND	ND	
150 2-ethoxy-2-methyl butane	1		0.000				ND	ND	
156 p-Diethylbenzene	1		0.000				ND	ND	
155 2-Methylnaphthalene	142	15.029	15.029	0.000	93	205918	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#1_826_00174	Amount Added: 2.00	Units: uL	
MSV_LL_#2_826_00189	Amount Added: 2.00	Units: uL	
MSV_LL_GAS826_00285	Amount Added: 2.00	Units: uL	
MSV_LLcentISS_00018	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 22-Aug-2025 12:41:04

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X17.D

Injection Date: 18-Aug-2025 21:35:30

Instrument ID: 19930

Operator ID: ecr105096

Lims ID: IC std6

Worklist Smp#: 17

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

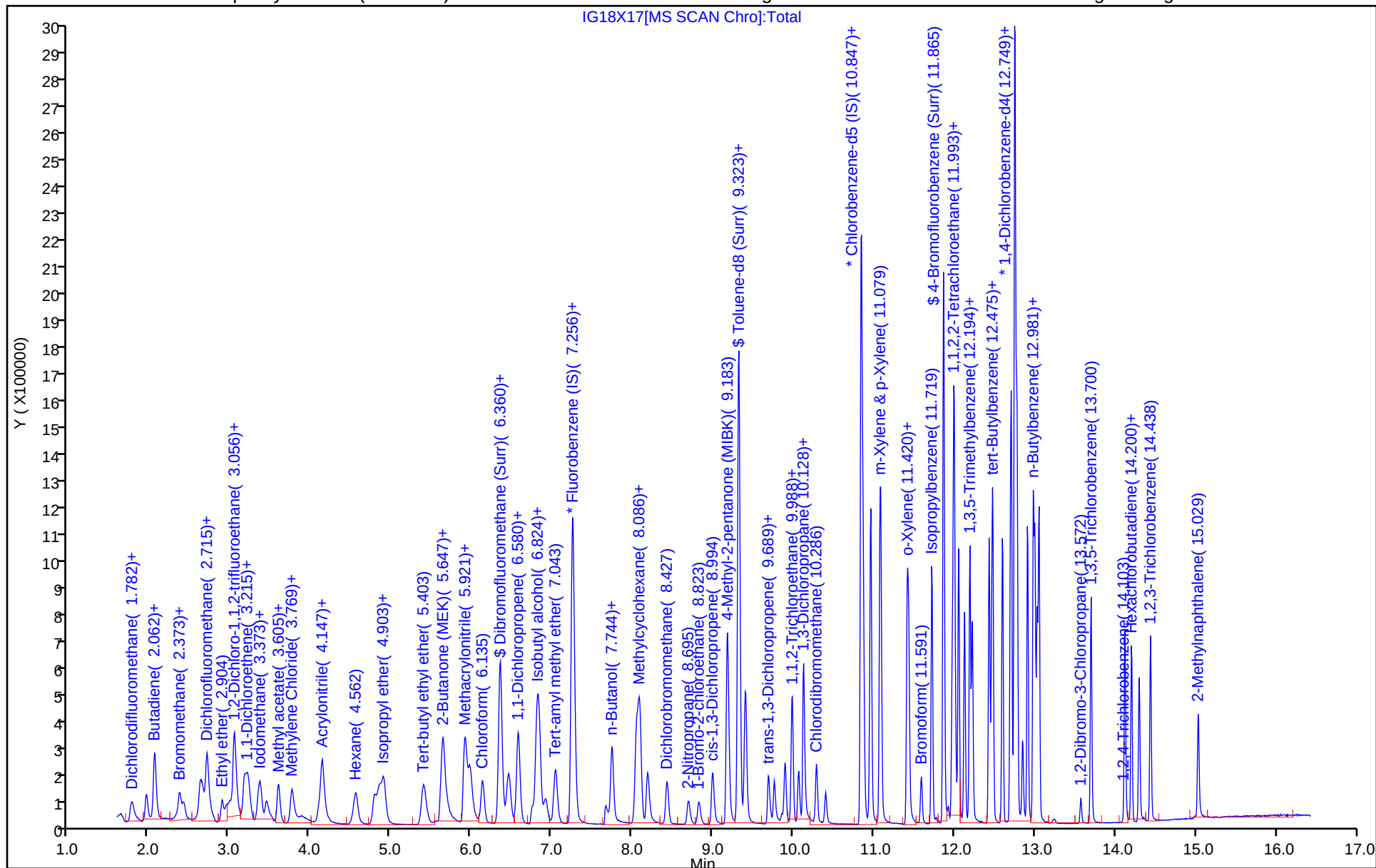
ALS Bottle#: 17

Method: 8260 25ml HP31

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

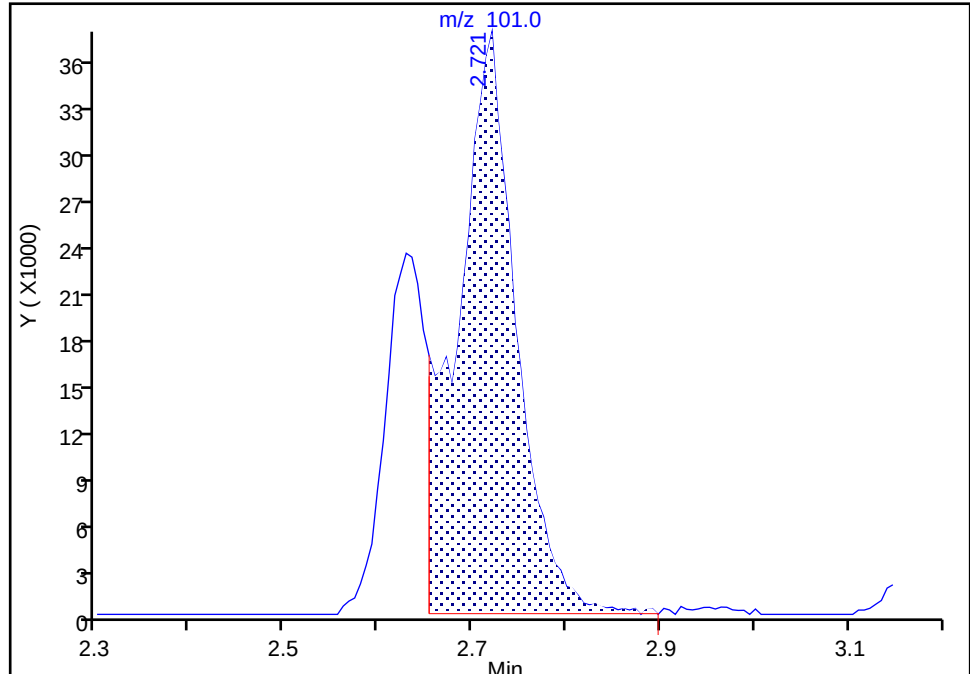
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Injection Date: 18-Aug-2025 21:35:30 Instrument ID: 19930
Lims ID: IC std6
Client ID:
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

10 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

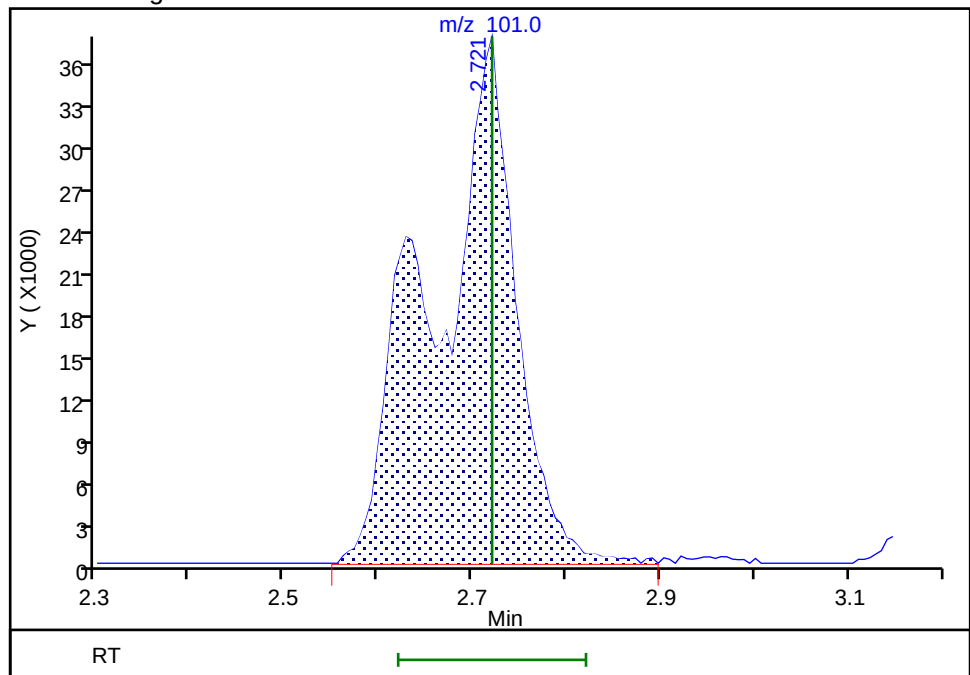
RT: 2.72
Area: 167253
Amount: 1.825681
Amount Units: ug/l

Processing Integration Results



RT: 2.72
Area: 231729
Amount: 2.251413
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 13:09:36 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

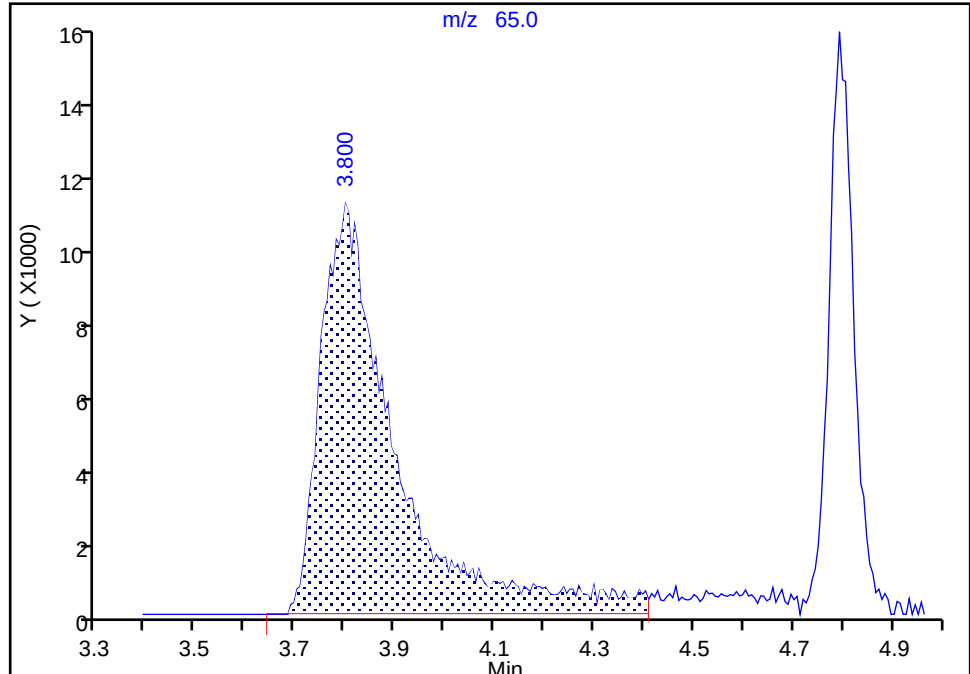
Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X17.D
Injection Date: 18-Aug-2025 21:35:30 Instrument ID: 19930
Lims ID: IC std6
Client ID:
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 26 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

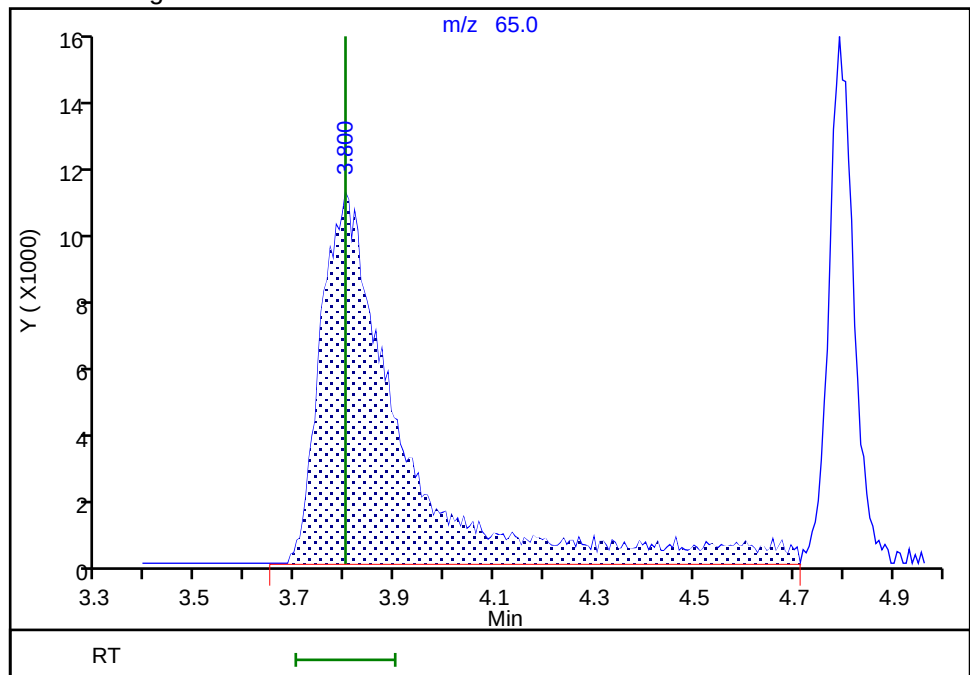
RT: 3.80
Area: 113721
Amount: 50.000000
Amount Units: ug/l

Processing Integration Results



RT: 3.80
Area: 122361
Amount: 50.000000
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 13:09:54 -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\19930\20250818-156919.b\IG18X18.D
 Lims ID: IC std7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 18-Aug-2025 21:55:30 ALS Bottle#: 18 Worklist Smp#: 18
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156919-019
 Misc. Info.: IC STD7
 Operator ID: ecr105096 Instrument ID: 19930
 Sublist: chrom-8260 25ml HP31*sub2
 Method: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\8260 25ml HP31.m
 Limit Group: MSV - 8260C_D
 Last Update: 22-Aug-2025 12:41:08 Calib Date: 18-Aug-2025 22:36:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1618

First Level Reviewer: N7YK

Date: 20-Aug-2025 13:16:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.776	1.776	0.000	99	388397	5.00	4.76	
4 Chloromethane	50	1.965	1.965	0.000	99	347551	5.00	4.36	M
6 Butadiene	39	2.062	2.062	0.000	92	290486	5.00	4.37	
5 Vinyl chloride	62	2.062	2.062	0.000	97	354352	5.00	4.76	
7 Bromomethane	94	2.373	2.367	0.006	92	283966	5.00	4.25	
8 Chloroethane	64	2.428	2.422	0.006	99	201899	5.00	4.21	
9 Dichlorofluoromethane	67	2.641	2.641	0.000	97	557588	5.00	4.31	
10 Trichlorofluoromethane	101	2.715	2.721	-0.006	99	567179	5.00	4.91	M
11 Ethyl ether	59	2.898	2.904	-0.006	89	167381	5.00	4.99	
13 1,2-Dichloro-1,1,2-trifluoroetha	67	2.989	2.995	-0.006	87	263852	5.00	4.73	
14 Acrolein	56	3.050	3.056	-0.006	99	1331766	244.0	221.0	
15 1,1-Dichloroethene	96	3.178	3.178	0.000	96	213365	5.00	4.46	
16 Acetone	43	3.208	3.215	-0.006	100	301532	50.0	45.3	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.227	3.221	0.006	88	226084	5.00	4.88	
18 Iodomethane	142	3.355	3.355	0.000	98	496246	5.00	4.46	
19 Ethyl bromide	108	3.379	3.373	0.006	99	206152	4.99	4.53	
20 Carbon disulfide	76	3.452	3.452	0.000	99	573042	5.00	4.17	
23 Methyl acetate	43	3.593	3.599	-0.006	28	80752	5.00	4.85	M
24 3-Chloro-1-propene	41	3.599	3.599	0.000	87	282489	5.00	4.14	
25 Methylene Chloride	84	3.769	3.769	0.000	87	232252	5.00	4.50	
* 26 t-Butyl alcohol-d10 (IS)	65	3.794	3.800	-0.006	93	141174	50.0	50.0	
27 2-Methyl-2-propanol	59	3.897	3.909	-0.012	99	249893	100.0	92.1	
28 Acrylonitrile	53	4.086	4.105	-0.019	98	103122	12.5	11.6	
29 Methyl tert-butyl ether	73	4.135	4.135	0.000	93	613346	5.00	4.56	
30 trans-1,2-Dichloroethene	96	4.147	4.147	0.000	95	244845	5.00	4.27	
31 Hexane	57	4.562	4.562	0.000	91	280143	5.00	4.40	
32 1,1-Dichloroethane	63	4.794	4.793	0.001	96	408658	5.00	4.48	
35 Isopropyl ether	45	4.861	4.867	-0.006	91	617473	5.00	4.47	
36 2-Chloro-1,3-butadiene	53	4.909	4.915	-0.006	90	322920	5.00	4.70	
37 Tert-butyl ethyl ether	59	5.409	5.403	0.006	95	645113	5.00	4.50	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 2-Butanone (MEK)	43	5.617	5.629	-0.012	98	560181	50.0	47.8	
39 cis-1,2-Dichloroethene	96	5.641	5.647	-0.006	79	281428	5.00	4.44	
40 2,2-Dichloropropane	77	5.653	5.647	0.006	88	381493	5.00	4.26	
43 Propionitrile	54	5.702	5.714	-0.012	99	304798	100.0	95.9	
45 Methacrylonitrile	67	5.915	5.921	-0.006	88	606429	50.0	49.5	
46 Chlorobromomethane	128	5.982	5.988	-0.006	84	145498	5.00	4.67	
47 Tetrahydrofuran	71	5.988	6.007	-0.019	74	99767	25.0	23.4	
48 Chloroform	83	6.135	6.141	-0.006	93	446434	5.00	4.33	
S 41 1,2-Dichloroethene, Total	100				0			8.71	
\$ 49 Dibromofluoromethane (Surr)	113	6.360	6.360	0.000	95	469947	10.0	10.0	
50 1,1,1-Trichloroethane	97	6.360	6.360	0.000	97	428951	5.00	4.29	
51 Cyclohexane	56	6.464	6.464	0.000	88	345496	5.00	4.23	
54 Carbon tetrachloride	117	6.574	6.574	0.000	97	415050	5.00	4.60	
53 1,1-Dichloropropene	75	6.586	6.586	0.000	96	329851	5.00	4.43	
55 Isobutyl alcohol	41	6.750	6.750	0.000	94	192258	250.0	218.0	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	6.811	6.811	0.000	85	94292	10.0	9.96	
57 Benzene	78	6.842	6.842	0.000	96	966719	5.00	4.23	
58 1,2-Dichloroethane	62	6.921	6.921	0.000	98	268454	5.00	4.45	
60 Tert-amyl methyl ether	73	7.043	7.043	0.000	98	642548	5.00	4.34	
* 61 Fluorobenzene (IS)	96	7.256	7.256	0.000	99	1717699	10.0	10.0	
62 n-Heptane	43	7.281	7.281	0.000	94	266376	5.00	4.34	
63 n-Butanol	56	7.653	7.671	-0.018	88	302101	437.5	364.0	
64 Trichloroethene	95	7.744	7.744	0.000	94	283732	5.00	4.43	
65 Methylcyclohexane	83	8.049	8.049	0.000	89	436216	5.00	4.50	
66 1,2-Dichloropropane	63	8.073	8.073	0.000	95	235565	5.00	4.41	
68 1,4-Dioxane	88	8.171	8.183	-0.012	38	48408	250.0	250.3	
67 Methyl methacrylate	69	8.177	8.189	-0.012	87	122650	5.00	4.94	
69 Dibromomethane	93	8.189	8.189	0.000	87	135329	5.00	4.59	
71 Dichlorobromomethane	83	8.427	8.433	-0.006	98	341221	5.00	4.60	
72 2-Nitropropane	41	8.689	8.695	-0.006	100	203641	25.0	22.4	
75 1-Bromo-2-chloroethane	63	8.823	8.823	0.000	98	242292	5.00	4.88	
76 cis-1,3-Dichloropropene	75	8.994	9.000	-0.006	96	391513	5.00	5.01	
77 4-Methyl-2-pentanone (MIBK)	43	9.177	9.183	-0.006	96	1540578	50.0	48.5	
\$ 78 Toluene-d8 (Surr)	98	9.323	9.323	0.000	93	1774254	10.0	9.94	
79 Toluene	92	9.402	9.402	0.000	98	666371	5.00	4.33	
97 trans-1,3-Dichloropropene	75	9.689	9.689	0.000	91	334785	5.00	4.85	
99 Ethyl methacrylate	69	9.762	9.762	0.000	86	256290	5.00	4.57	
100 1,1,2-Trichloroethane	97	9.896	9.896	0.000	89	203440	5.00	4.48	
101 Tetrachloroethene	166	9.982	9.988	-0.006	96	409415	5.00	4.36	
S 98 1,3-Dichloropropene, Total	100				0			9.86	
102 1,3-Dichloropropane	76	10.067	10.067	0.000	88	316728	5.00	4.78	
103 2-Hexanone	43	10.122	10.128	-0.006	95	1109260	50.0	50.4	
105 Chlorodibromomethane	129	10.286	10.286	0.000	89	304984	5.00	4.56	
106 Ethylene Dibromide	107	10.396	10.402	-0.006	99	204908	5.00	5.00	
* 107 Chlorobenzene-d5 (IS)	117	10.841	10.841	0.000	83	1418751	10.0	10.0	
108 1-Chlorohexane	91	10.859	10.859	0.000	92	365614	5.00	4.32	
109 Chlorobenzene	112	10.872	10.872	0.000	98	827450	5.00	4.38	
111 1,1,1,2-Tetrachloroethane	131	10.957	10.957	0.000	97	316020	5.00	4.56	
112 Ethylbenzene	91	10.963	10.963	0.000	97	1308403	5.00	4.32	
113 m-Xylene & p-Xylene	106	11.079	11.085	-0.006	92	1123418	10.0	8.90	
S 110 Xylenes, Total	106				0			13.4	
114 o-Xylene	106	11.414	11.414	0.000	95	546028	5.00	4.47	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
115 Styrene	104	11.432	11.432	0.000	95	882081	5.00	4.70	
116 Bromoform	173	11.591	11.591	0.000	98	211007	5.00	4.30	
117 Isopropylbenzene	105	11.719	11.719	0.000	95	1415042	5.00	4.38	
\$ 120 4-Bromofluorobenzene (Surr)	95	11.865	11.865	0.000	96	650383	10.0	10.1	
121 1,1,2,2-Tetrachloroethane	83	11.969	11.969	0.000	94	252848	5.00	4.46	
122 Bromobenzene	156	11.981	11.981	0.000	94	407011	5.00	4.54	
123 trans-1,4-Dichloro-2-butene	53	11.993	11.999	-0.006	93	601622	50.0	47.1	
124 1,2,3-Trichloropropane	110	12.012	12.018	-0.006	78	78073	5.00	4.43	
125 N-Propylbenzene	91	12.054	12.054	0.000	98	1554856	5.00	4.49	
126 2-Chlorotoluene	126	12.127	12.127	0.000	98	364905	5.00	4.64	
127 1,3,5-Trimethylbenzene	105	12.195	12.194	0.000	94	1194397	5.00	4.35	
128 4-Chlorotoluene	126	12.219	12.225	-0.006	96	376963	5.00	4.66	
129 tert-Butylbenzene	134	12.432	12.432	0.000	91	307390	5.00	4.53	
130 Pentachloroethane	167	12.463	12.463	0.000	83	264110	5.00	4.83	
131 1,2,4-Trimethylbenzene	105	12.475	12.481	-0.006	96	1234282	5.00	4.30	
132 sec-Butylbenzene	105	12.597	12.597	0.000	93	1570962	5.00	4.34	
133 1,3-Dichlorobenzene	146	12.694	12.694	0.000	97	759962	5.00	4.63	
134 4-Isopropyltoluene	119	12.707	12.707	0.000	97	1425827	5.00	4.44	
* 135 1,4-Dichlorobenzene-d4	152	12.749	12.749	0.000	92	891919	10.0	10.0	
136 1,4-Dichlorobenzene	146	12.768	12.768	0.000	97	779425	5.00	4.29	
137 1,2,3-Trimethylbenzene	120	12.780	12.780	0.000	97	561970	5.00	4.32	
138 Benzyl chloride	126	12.847	12.847	0.000	97	125186	5.00	4.86	
139 n-Butylbenzene	92	12.999	12.999	0.000	95	612639	5.00	4.49	
140 1,2-Dichlorobenzene	146	13.030	13.030	0.000	99	686990	5.00	4.52	
142 1,2-Dibromo-3-Chloropropane	155	13.572	13.572	0.000	94	52810	5.00	4.86	
143 1,3,5-Trichlorobenzene	180	13.700	13.700	0.000	97	622365	5.00	4.68	
144 1,2,4-Trichlorobenzene	180	14.121	14.121	0.000	94	544837	5.00	4.80	
145 Hexachlorobutadiene	225	14.206	14.206	0.000	95	271361	5.00	4.45	
146 Naphthalene	128	14.298	14.298	0.000	96	1011093	5.00	4.78	
147 1,2,3-Trichlorobenzene	180	14.438	14.438	0.000	96	491186	5.00	4.72	
165 Isopropyl alcohol	45		0.000				ND	ND	
161 Pentane	43		0.000				ND	ND	
150 2-ethoxy-2-methyl butane	1		0.000				ND	ND	
156 p-Diethylbenzene	1		0.000				ND	ND	
155 2-Methylnaphthalene	142	15.029	15.029	0.000	92	533879	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#1_826_00174	Amount Added: 5.00	Units: uL	
MSV_LL_#2_826_00189	Amount Added: 5.00	Units: uL	
MSV_LL_GAS826_00285	Amount Added: 5.00	Units: uL	
MSV_LLcentISS_00018	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 22-Aug-2025 12:41:09

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X18.D

Injection Date: 18-Aug-2025 21:55:30

Instrument ID: 19930

Operator ID: ecr105096

Lims ID: IC std7

Worklist Smp#: 18

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

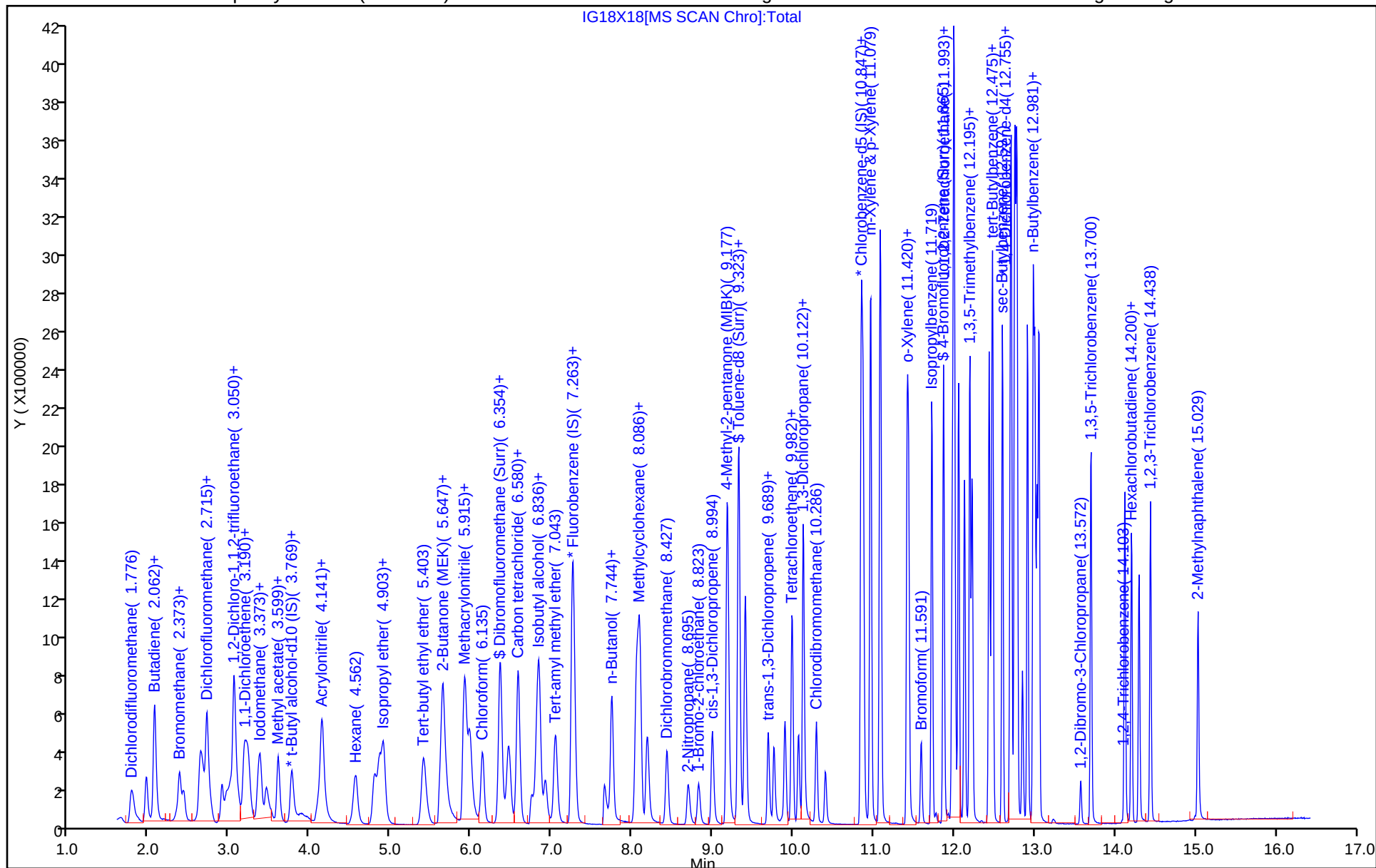
ALS Bottle#: 18

Method: 8260 25ml HP31

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

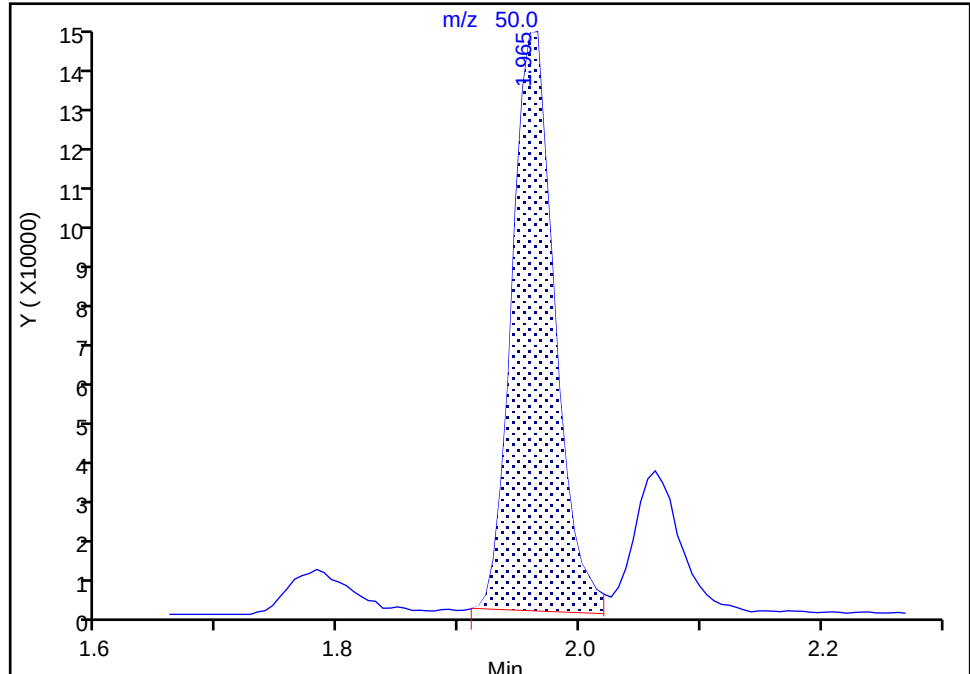
Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X18.D
Injection Date: 18-Aug-2025 21:55:30 Instrument ID: 19930
Lims ID: IC std7
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

4 Chloromethane, CAS: 74-87-3

Signal: 1

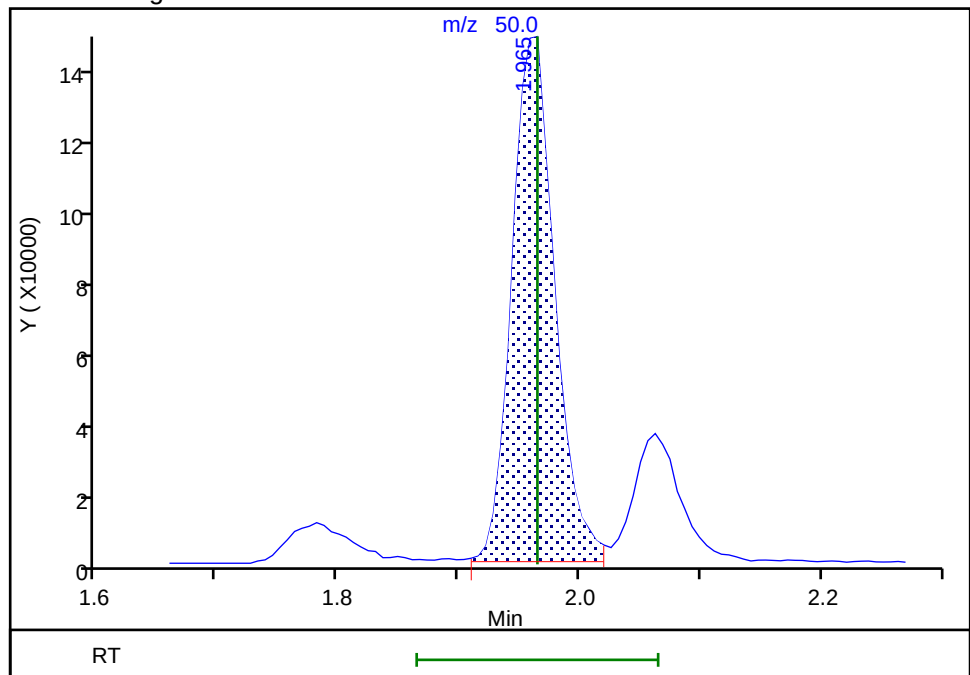
RT: 1.96
Area: 344817
Amount: 4.570517
Amount Units: ug/l

Processing Integration Results



RT: 1.96
Area: 347551
Amount: 4.364643
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 13:15:05 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

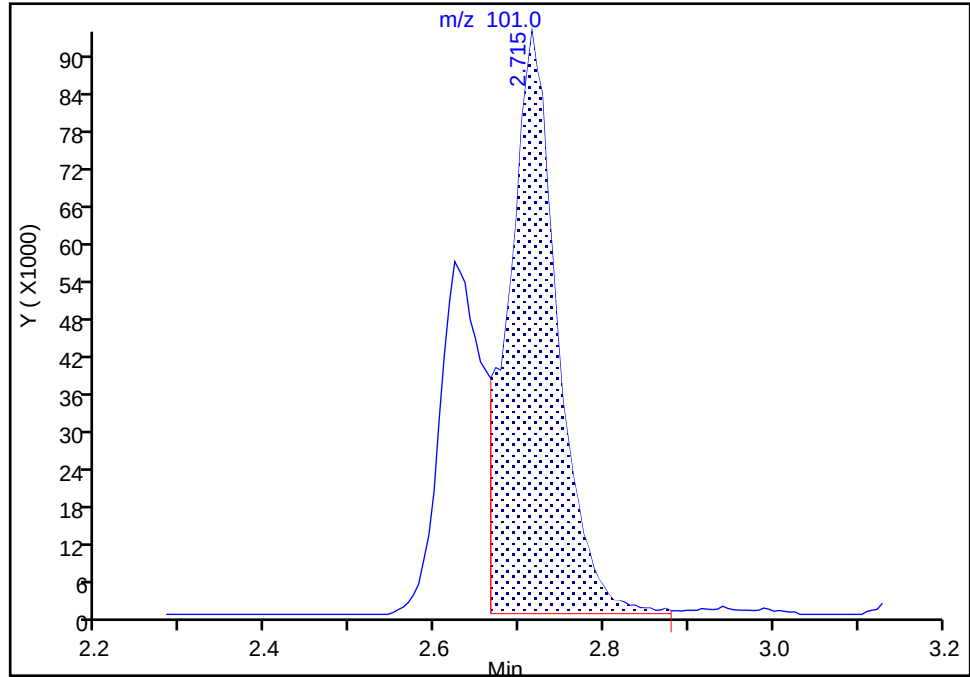
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Injection Date: 18-Aug-2025 21:55:30 Instrument ID: 19930
Lims ID: IC std7
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

10 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

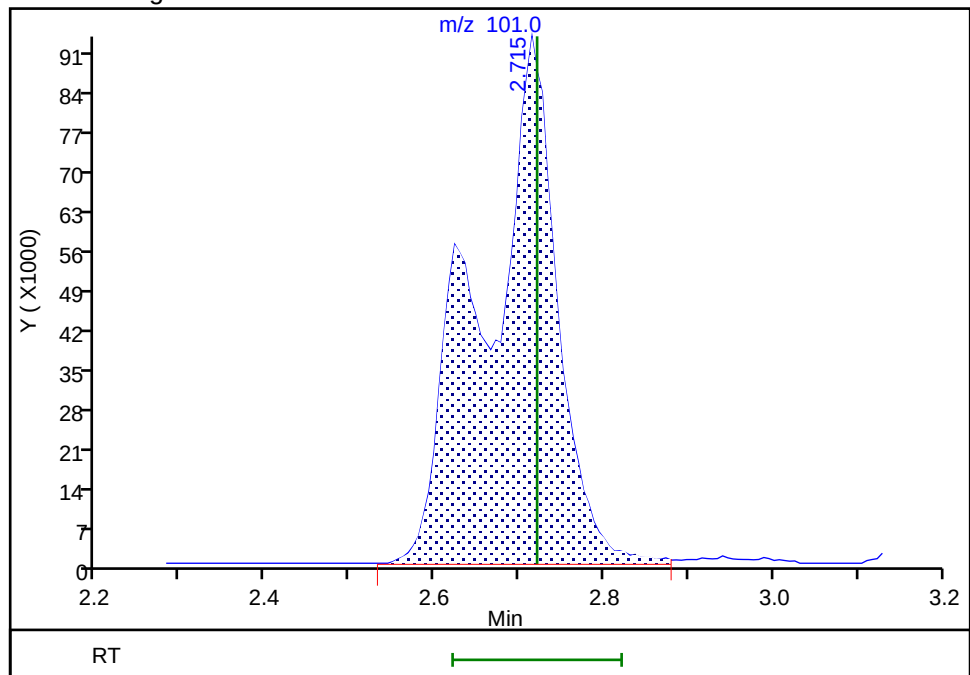
RT: 2.71
Area: 380315
Amount: 3.560826
Amount Units: ug/l

Processing Integration Results



RT: 2.71
Area: 567179
Amount: 4.911437
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 13:15:37 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

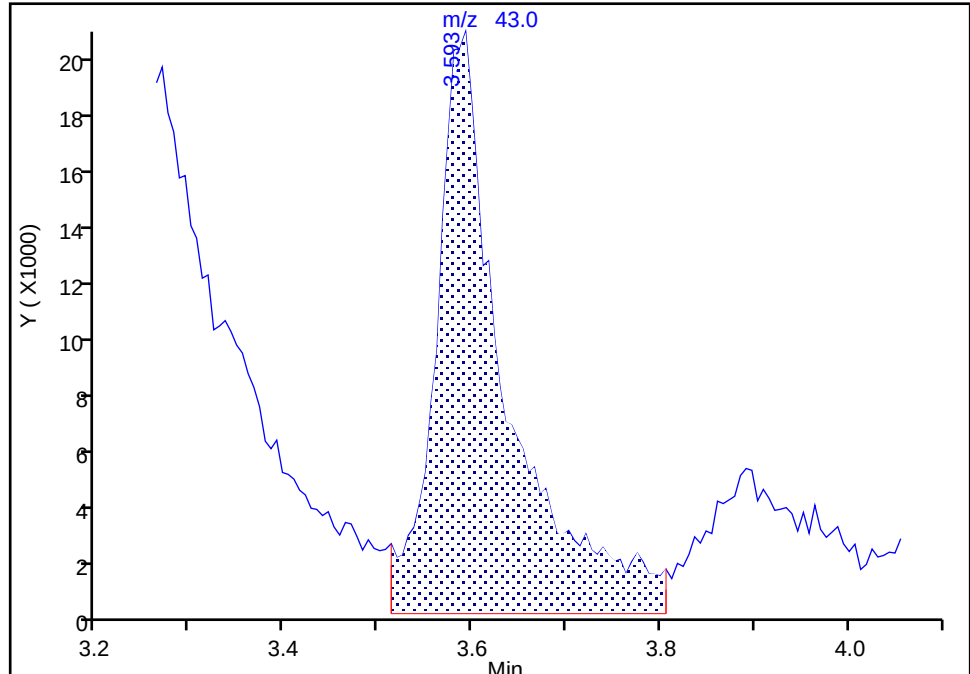
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Injection Date: 18-Aug-2025 21:55:30 Instrument ID: 19930
Lims ID: IC std7
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Methyl acetate, CAS: 79-20-9

Signal: 1

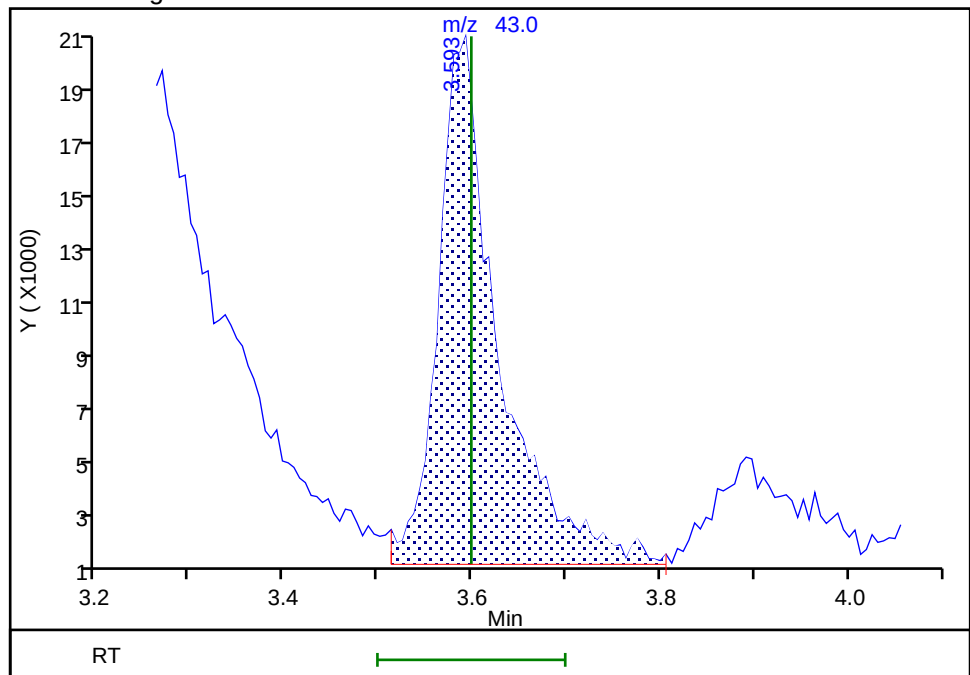
RT: 3.59
Area: 101777
Amount: 5.071655
Amount Units: ug/l

Processing Integration Results



RT: 3.59
Area: 80752
Amount: 4.845010
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 13:15:55 -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\19930\20250818-156919.b\IG18X19.D
 Lims ID: ICIS std8 LG
 Client ID:
 Sample Type: ICIS Calib Level: 8
 Inject. Date: 18-Aug-2025 22:16:30 ALS Bottle#: 19 Worklist Smp#: 19
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156919-020
 Misc. Info.: ICIS STD8 LG
 Operator ID: ecr105096 Instrument ID: 19930
 Sublist: chrom-8260 25ml HP31*sub2
 Method: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\8260 25ml HP31.m
 Limit Group: MSV - 8260C_D
 Last Update: 22-Aug-2025 12:41:12 Calib Date: 18-Aug-2025 22:36:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1618

First Level Reviewer: N7YK

Date: 22-Aug-2025 12:38:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.770	1.770	0.000	99	764592	10.0	10.9	
4 Chloromethane	50	1.953	1.953	0.000	99	670820	10.0	9.82	
6 Butadiene	39	2.050	2.050	0.000	93	562651	10.0	9.86	
5 Vinyl chloride	62	2.050	2.050	0.000	97	693549	10.0	10.8	
7 Bromomethane	94	2.361	2.361	0.000	92	579541	10.0	10.1	
8 Chloroethane	64	2.410	2.410	0.000	99	411205	10.0	9.99	
9 Dichlorofluoromethane	67	2.635	2.635	0.000	98	1119434	10.0	10.1	
10 Trichlorofluoromethane	101	2.709	2.709	0.000	99	1145810	10.0	11.6	M
11 Ethyl ether	59	2.891	2.891	0.000	88	342779	10.0	11.9	
13 1,2-Dichloro-1,1,2-trifluoroetha	67	2.977	2.977	0.000	87	529709	10.0	11.1	
14 Acrolein	56	3.038	3.038	0.000	100	2924941	487.9	555.3	
15 1,1-Dichloroethene	96	3.166	3.166	0.000	96	439768	10.0	10.7	
16 Acetone	43	3.190	3.190	0.000	100	672006	100.0	115.6	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.215	3.215	0.000	87	469304	10.0	11.8	
18 Iodomethane	142	3.343	3.343	0.000	98	1027892	10.0	10.8	
19 Ethyl bromide	108	3.367	3.367	0.000	98	416829	9.99	10.7	
20 Carbon disulfide	76	3.440	3.440	0.000	99	1182510	10.0	10.0	
23 Methyl acetate	43	3.568	3.568	0.000	96	188567	10.0	12.9	Ma
24 3-Chloro-1-propene	41	3.586	3.586	0.000	88	593053	10.0	10.1	
25 Methylene Chloride	84	3.757	3.757	0.000	87	488545	10.0	11.0	
* 26 t-Butyl alcohol-d10 (IS)	65	3.763	3.763	0.000	93	123412	50.0	50.0	M
27 2-Methyl-2-propanol	59	3.885	3.885	0.000	99	571716	200.0	241.2	
28 Acrylonitrile	53	4.062	4.062	0.000	99	231061	25.0	29.7	
29 Methyl tert-butyl ether	73	4.123	4.123	0.000	93	1292787	10.0	11.2	
30 trans-1,2-Dichloroethene	96	4.135	4.135	0.000	94	514714	10.0	10.5	
31 Hexane	57	4.544	4.544	0.000	91	590374	10.0	10.8	
32 1,1-Dichloroethane	63	4.781	4.781	0.000	96	849070	10.0	10.8	
35 Isopropyl ether	45	4.848	4.848	0.000	91	1308497	10.0	11.0	
36 2-Chloro-1,3-butadiene	53	4.897	4.897	0.000	90	679169	10.0	11.5	
37 Tert-butyl ethyl ether	59	5.397	5.397	0.000	96	1367535	10.0	11.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 2-Butanone (MEK)	43	5.604	5.604	0.000	98	1231196	100.0	120.3	
39 cis-1,2-Dichloroethene	96	5.635	5.635	0.000	79	587588	10.0	10.8	
40 2,2-Dichloropropane	77	5.647	5.647	0.000	87	779911	10.0	10.2	
43 Propionitrile	54	5.684	5.684	0.000	99	697003	200.0	250.8	M
45 Methacrylonitrile	67	5.909	5.909	0.000	93	1314650	100.0	122.8	
46 Chlorobromomethane	128	5.970	5.970	0.000	84	299523	10.0	11.2	
47 Tetrahydrofuran	71	5.988	5.988	0.000	77	210800	50.0	56.6	
48 Chloroform	83	6.129	6.129	0.000	93	933153	10.0	10.5	
\$ 49 Dibromofluoromethane (Surr)	113	6.348	6.348	0.000	94	397722	10.0	9.91	
50 1,1,1-Trichloroethane	97	6.354	6.354	0.000	97	885815	10.0	10.3	
51 Cyclohexane	56	6.458	6.458	0.000	88	719911	10.0	10.3	
54 Carbon tetrachloride	117	6.574	6.574	0.000	96	863686	10.0	11.2	
53 1,1-Dichloropropene	75	6.574	6.574	0.000	96	686245	10.0	10.7	
55 Isobutyl alcohol	41	6.750	6.750	0.000	93	437565	500.0	567.6	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	6.811	6.811	0.000	83	81011	10.0	9.98	
57 Benzene	78	6.836	6.836	0.000	96	2022437	10.0	10.3	
58 1,2-Dichloroethane	62	6.915	6.915	0.000	97	574926	10.0	11.1	
60 Tert-amyl methyl ether	73	7.043	7.043	0.000	98	1366347	10.0	10.8	
* 61 Fluorobenzene (IS)	96	7.250	7.250	0.000	99	1473759	10.0	10.0	
62 n-Heptane	43	7.275	7.275	0.000	87	575102	10.0	10.9	
63 n-Butanol	56	7.641	7.641	0.000	87	693488	875.0	923.3	
64 Trichloroethene	95	7.738	7.738	0.000	94	588113	10.0	10.7	
65 Methylcyclohexane	83	8.043	8.043	0.000	88	903547	10.0	10.9	
66 1,2-Dichloropropane	63	8.067	8.067	0.000	95	501816	10.0	11.0	
68 1,4-Dioxane	88	8.171	8.171	0.000	36	102175	500.0	604.3	
67 Methyl methacrylate	69	8.171	8.171	0.000	88	261244	10.0	12.0	
69 Dibromomethane	93	8.183	8.183	0.000	88	292337	10.0	11.6	
71 Dichlorobromomethane	83	8.427	8.427	0.000	99	705942	10.0	11.1	
72 2-Nitropropane	41	8.689	8.689	0.000	99	439129	50.0	55.3	
75 1-Bromo-2-chloroethane	63	8.817	8.817	0.000	98	490588	10.0	11.5	
76 cis-1,3-Dichloropropene	75	8.988	8.988	0.000	96	829175	10.0	12.4	
77 4-Methyl-2-pentanone (MIBK)	43	9.177	9.177	0.000	96	3377066	100.0	121.7	
\$ 78 Toluene-d8 (Surr)	98	9.317	9.317	0.000	93	1529786	10.0	10.0	
79 Toluene	92	9.402	9.402	0.000	98	1406221	10.0	10.7	
97 trans-1,3-Dichloropropene	75	9.683	9.683	0.000	91	716934	10.0	12.1	
99 Ethyl methacrylate	69	9.756	9.756	0.000	86	569112	10.0	11.9	
100 1,1,2-Trichloroethane	97	9.896	9.896	0.000	90	422479	10.0	10.9	
101 Tetrachloroethene	166	9.982	9.982	0.000	96	860091	10.0	10.7	
102 1,3-Dichloropropane	76	10.061	10.061	0.000	89	671351	10.0	11.9	
103 2-Hexanone	43	10.122	10.122	0.000	95	2401614	100.0	124.9	
105 Chlorodibromomethane	129	10.286	10.286	0.000	89	650556	10.0	11.4	
106 Ethylene Dibromide	107	10.396	10.396	0.000	99	431277	10.0	12.3	
* 107 Chlorobenzene-d5 (IS)	117	10.841	10.841	0.000	84	1212540	10.0	10.0	
108 1-Chlorohexane	91	10.859	10.859	0.000	93	770415	10.0	10.7	a
109 Chlorobenzene	112	10.872	10.872	0.000	99	1735153	10.0	10.8	
111 1,1,1,2-Tetrachloroethane	131	10.957	10.957	0.000	97	660105	10.0	11.1	
112 Ethylbenzene	91	10.963	10.963	0.000	97	2772051	10.0	10.7	
113 m-Xylene & p-Xylene	106	11.079	11.079	0.000	93	2341577	20.0	21.7	
114 o-Xylene	106	11.414	11.414	0.000	95	1130896	10.0	10.8	
115 Styrene	104	11.432	11.432	0.000	95	1873018	10.0	11.7	
116 Bromoform	173	11.585	11.585	0.000	98	451738	10.0	10.8	
117 Isopropylbenzene	105	11.719	11.719	0.000	95	2964583	10.0	10.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 120 4-Bromofluorobenzene (Surr)	95	11.865	11.865	0.000	96	548646	10.0	9.92	
121 1,1,2,2-Tetrachloroethane	83	11.969	11.969	0.000	94	541544	10.0	11.7	
122 Bromobenzene	156	11.975	11.975	0.000	95	860675	10.0	11.7	
123 trans-1,4-Dichloro-2-butene	53	11.993	11.993	0.000	93	1362269	100.0	122.1	
124 1,2,3-Trichloropropane	110	12.012	12.012	0.000	79	165535	10.0	11.5	
125 N-Propylbenzene	91	12.054	12.054	0.000	98	3283313	10.0	11.6	
126 2-Chlorotoluene	126	12.127	12.127	0.000	98	742929	10.0	11.5	
127 1,3,5-Trimethylbenzene	105	12.195	12.195	0.000	95	2504067	10.0	11.1	
128 4-Chlorotoluene	126	12.219	12.219	0.000	97	772540	10.0	11.7	
129 tert-Butylbenzene	134	12.432	12.432	0.000	91	635696	10.0	11.4	
130 Pentachloroethane	167	12.463	12.463	0.000	92	527021	10.0	11.8	
131 1,2,4-Trimethylbenzene	105	12.475	12.475	0.000	96	2619686	10.0	11.1	
132 sec-Butylbenzene	105	12.597	12.597	0.000	93	3279611	10.0	11.0	
133 1,3-Dichlorobenzene	146	12.694	12.694	0.000	97	1586185	10.0	11.8	
134 4-Isopropyltoluene	119	12.707	12.707	0.000	97	3009766	10.0	11.4	
* 135 1,4-Dichlorobenzene-d4	152	12.749	12.749	0.000	92	730903	10.0	10.0	
136 1,4-Dichlorobenzene	146	12.768	12.768	0.000	97	1586267	10.0	10.6	
137 1,2,3-Trimethylbenzene	120	12.780	12.780	0.000	98	1157680	10.0	10.8	
138 Benzyl chloride	126	12.847	12.847	0.000	98	261704	10.0	12.4	
139 n-Butylbenzene	92	12.999	12.999	0.000	97	1331435	10.0	11.9	
140 1,2-Dichlorobenzene	146	13.030	13.030	0.000	99	1415884	10.0	11.4	
142 1,2-Dibromo-3-Chloropropane	155	13.572	13.572	0.000	93	112701	10.0	12.6	
143 1,3,5-Trichlorobenzene	180	13.694	13.694	0.000	97	1345667	10.0	12.3	
144 1,2,4-Trichlorobenzene	180	14.115	14.115	0.000	94	1216248	10.0	13.1	
145 Hexachlorobutadiene	225	14.200	14.200	0.000	94	599644	10.0	12.0	
146 Naphthalene	128	14.292	14.292	0.000	96	2196661	10.0	12.7	
147 1,2,3-Trichlorobenzene	180	14.438	14.438	0.000	96	1063128	10.0	12.5	
150 2-ethoxy-2-methyl butane	1		0.000				ND	ND	
165 Isopropyl alcohol	45		0.000				ND	ND	
161 Pentane	43		0.000				ND	ND	
156 p-Diethylbenzene	1		0.000				ND	ND	
155 2-Methylnaphthalene	142	15.029	15.029	0.000	92	1207813	NR	NR	a

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LL_#1_826_00174	Amount Added: 10.00	Units: uL	
MSV_LL_#2_826_00189	Amount Added: 10.00	Units: uL	
MSV_LL_GAS826_00285	Amount Added: 10.00	Units: uL	
MSV_LLcentISS_00018	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 22-Aug-2025 12:41:13

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X19.D

Injection Date: 18-Aug-2025 22:16:30

Instrument ID: 19930

Operator ID: ecr105096

Lims ID: ICIS std8 LG

Worklist Smp#: 19

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

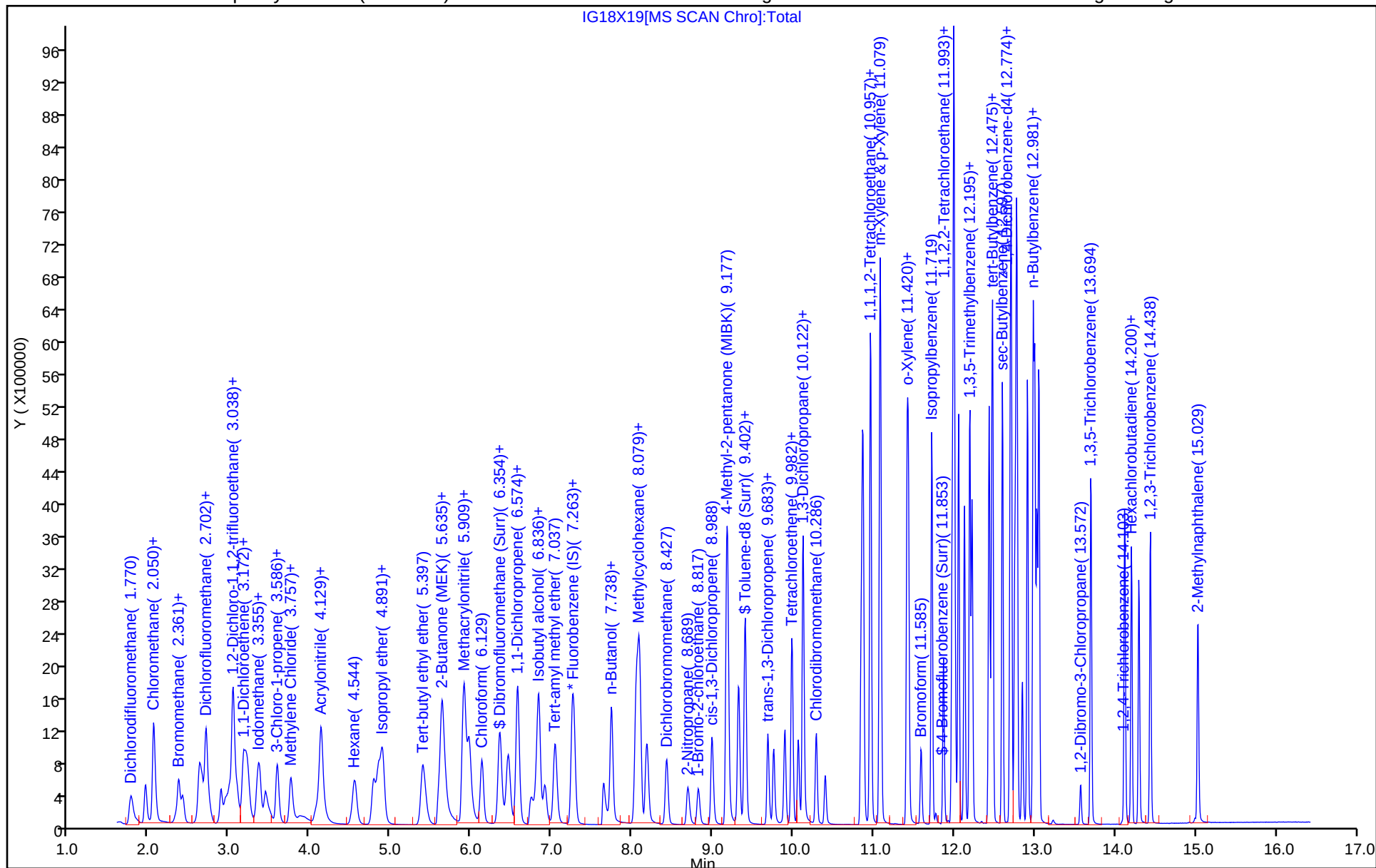
ALS Bottle#: 19

Method: 8260 25ml HP31

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

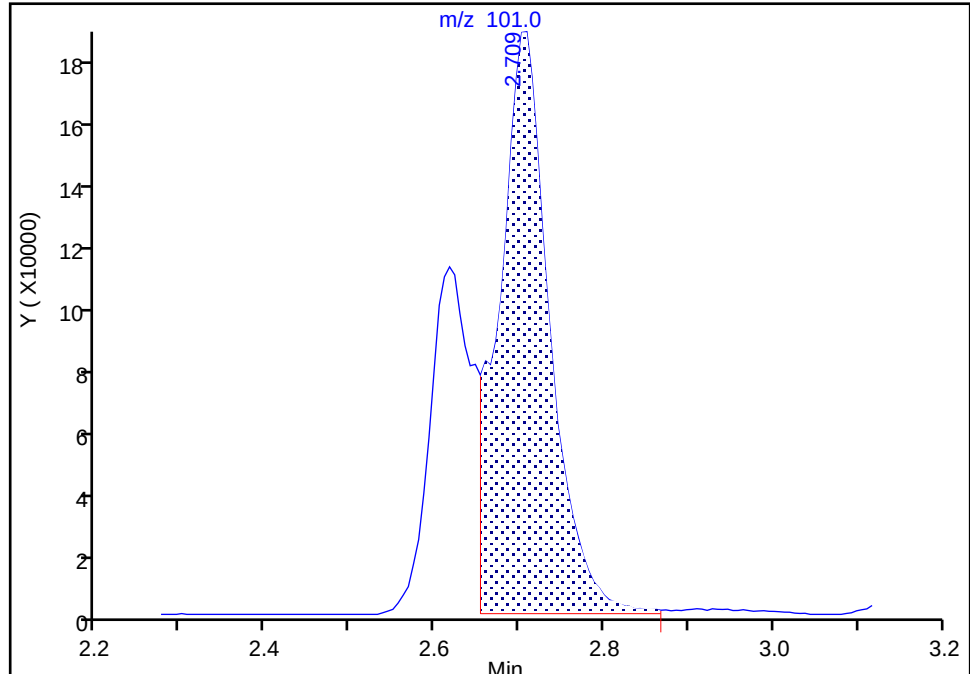
Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X19.D
Injection Date: 18-Aug-2025 22:16:30 Instrument ID: 19930
Lims ID: ICIS std8 LG
Client ID:
Operator ID: ecr105096 ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

10 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

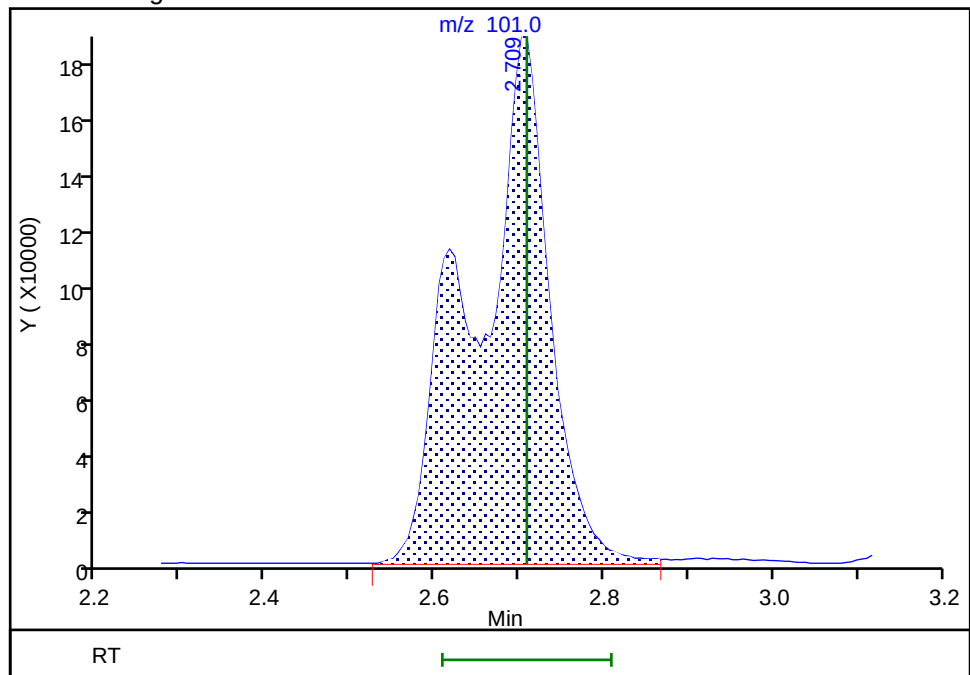
RT: 2.71
Area: 782938
Amount: 10.864591
Amount Units: ug/l

Processing Integration Results



RT: 2.71
Area: 1145810
Amount: 11.564361
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:36:47 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

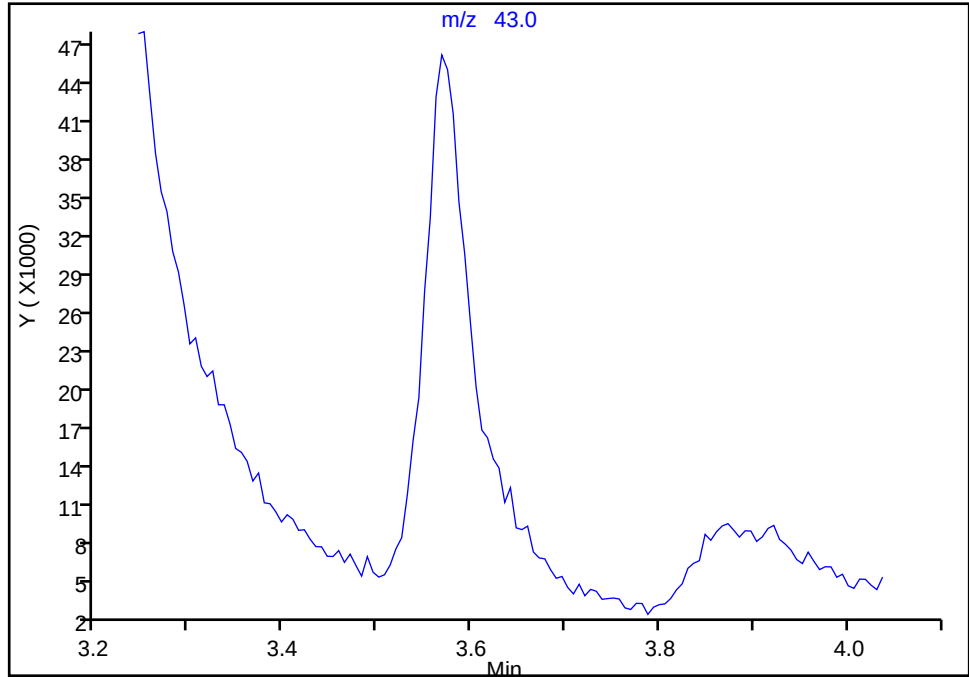
Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X19.D
Injection Date: 18-Aug-2025 22:16:30 Instrument ID: 19930
Lims ID: ICIS std8 LG
Client ID:
Operator ID: ecr105096 ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Methyl acetate, CAS: 79-20-9

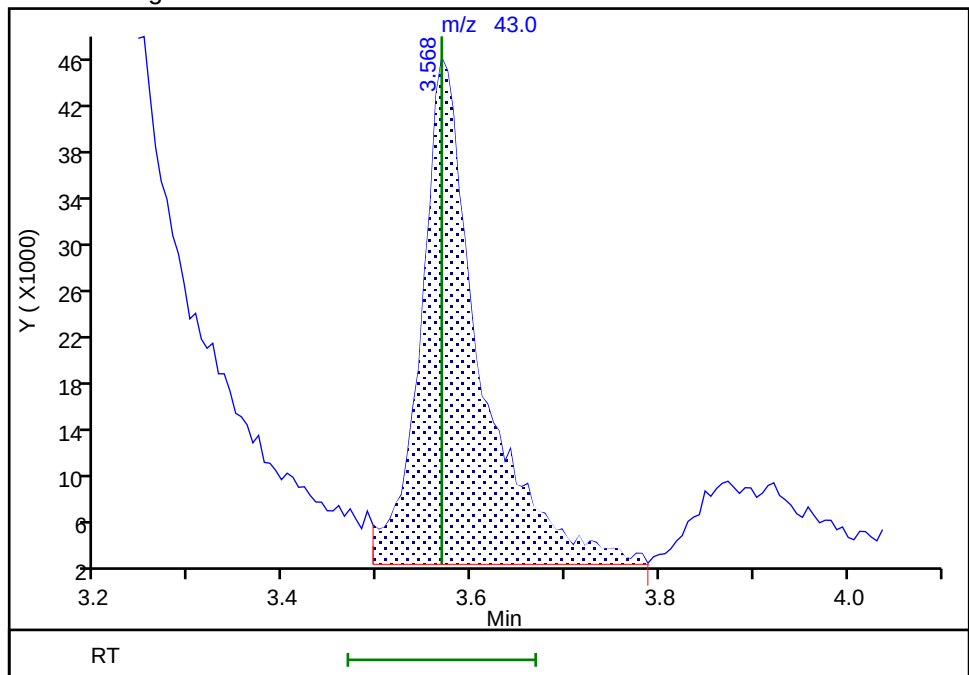
Signal: 1

Not Detected
Expected RT: 3.57

Processing Integration Results



Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:38:32 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X19.D

Injection Date: 18-Aug-2025 22:16:30

Instrument ID: 19930

Lims ID: ICIS std8 LG

Client ID:

Operator ID: ecr105096

ALS Bottle#:

19

Worklist Smp#: 19

Purge Vol: 25.000 mL

Dil. Factor:

1.0000

Method: 8260 25ml HP31

Limit Group:

MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

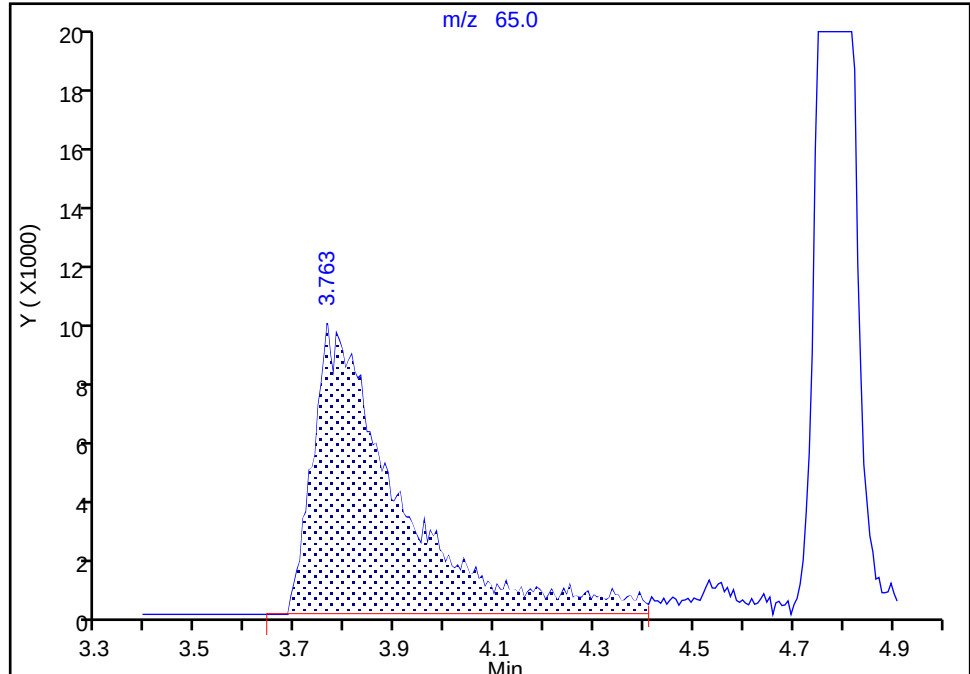
MS Quad

* 26 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

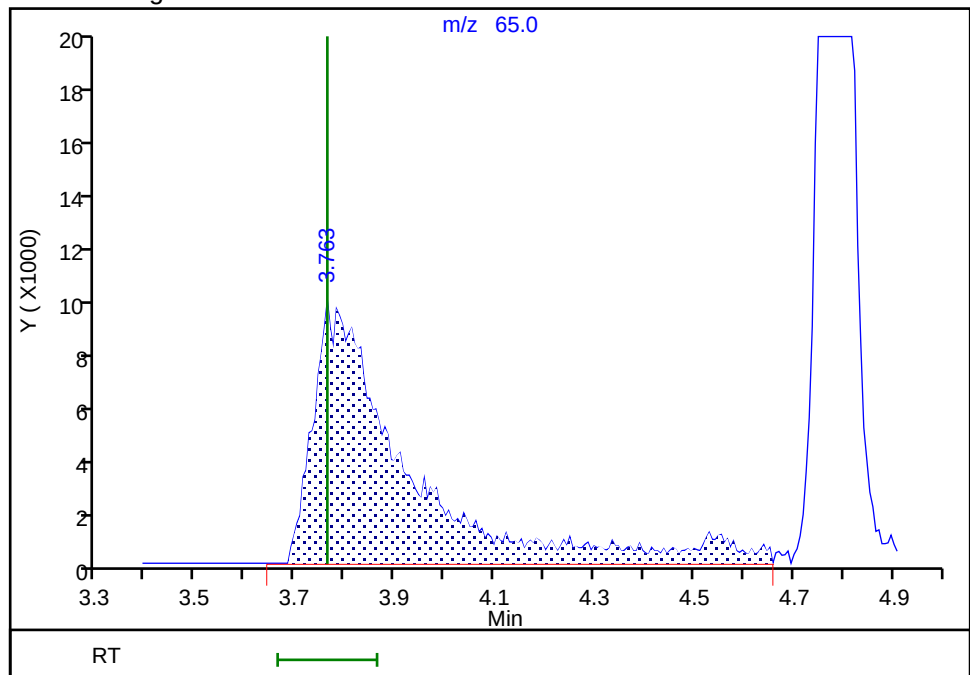
RT: 3.76
Area: 114956
Amount: 50.000000
Amount Units: ug/l

Processing Integration Results



RT: 3.76
Area: 123412
Amount: 50.000000
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:38:46 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

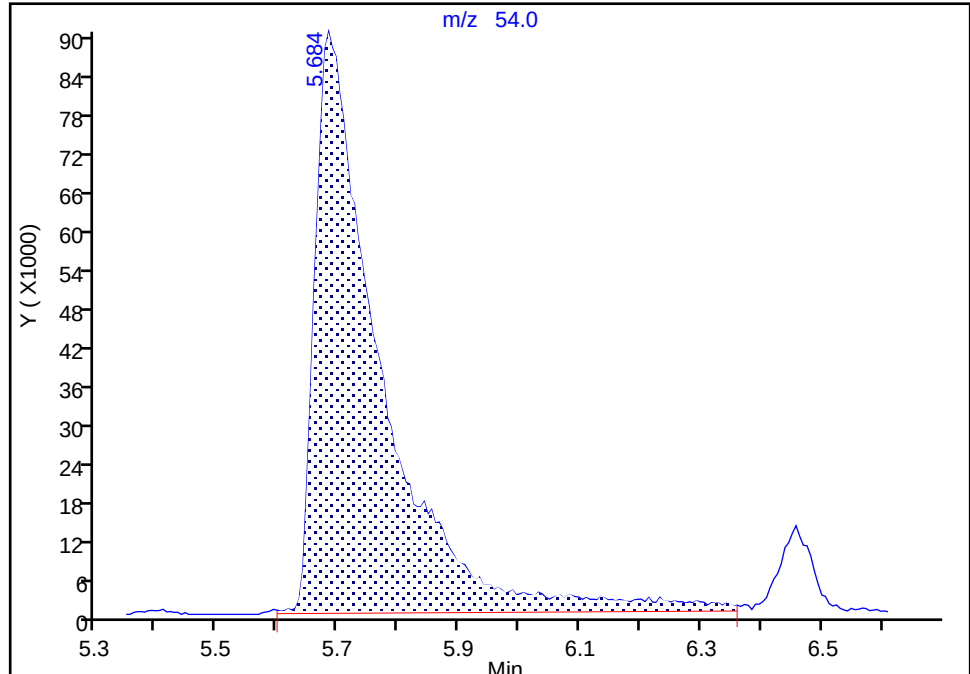
Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X19.D
Injection Date: 18-Aug-2025 22:16:30 Instrument ID: 19930
Lims ID: ICIS std8 LG
Client ID:
Operator ID: ecr105096 ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

43 Propionitrile, CAS: 107-12-0

Signal: 1

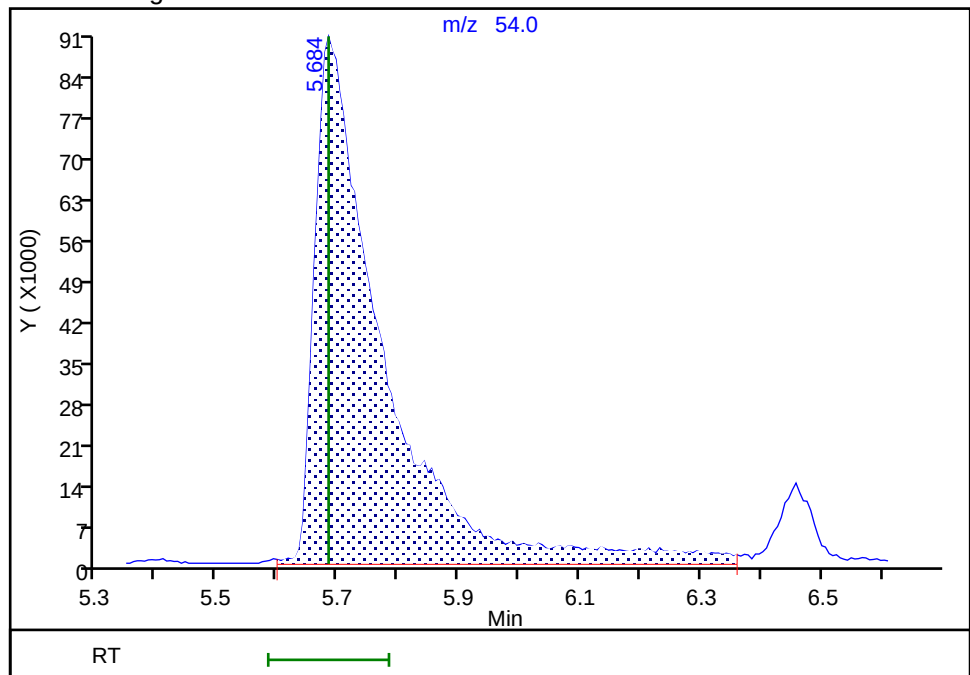
RT: 5.68
Area: 684651
Amount: 251.0408
Amount Units: ug/l

Processing Integration Results



RT: 5.68
Area: 697003
Amount: 250.7857
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:39:24 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

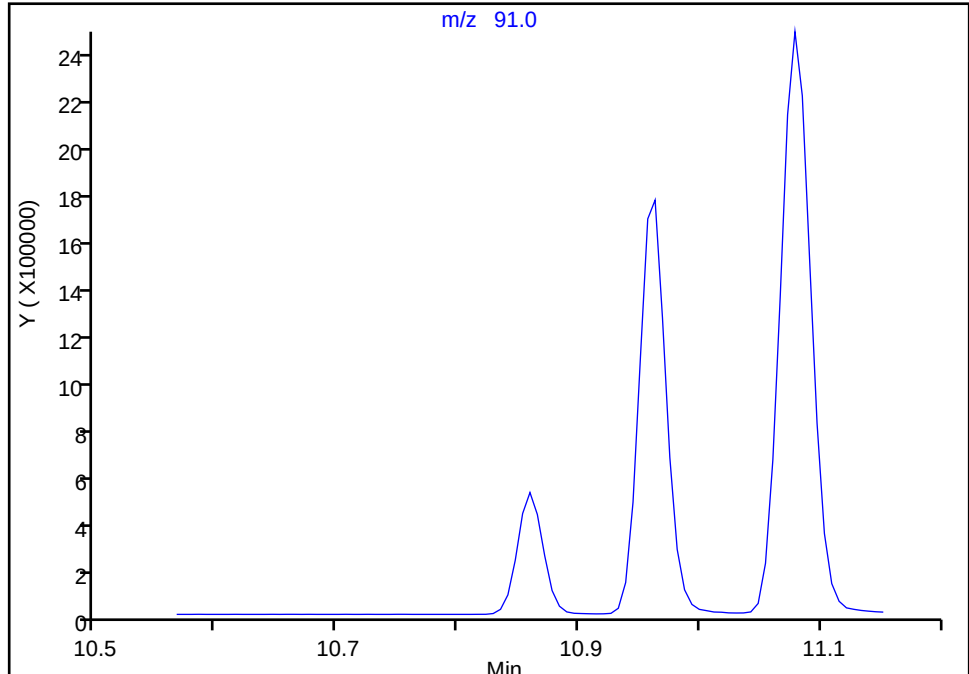
Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X19.D
Injection Date: 18-Aug-2025 22:16:30 Instrument ID: 19930
Lims ID: ICIS std8 LG
Client ID:
Operator ID: ecr105096 ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

108 1-Chlorohexane, CAS: 544-10-5

Signal: 1

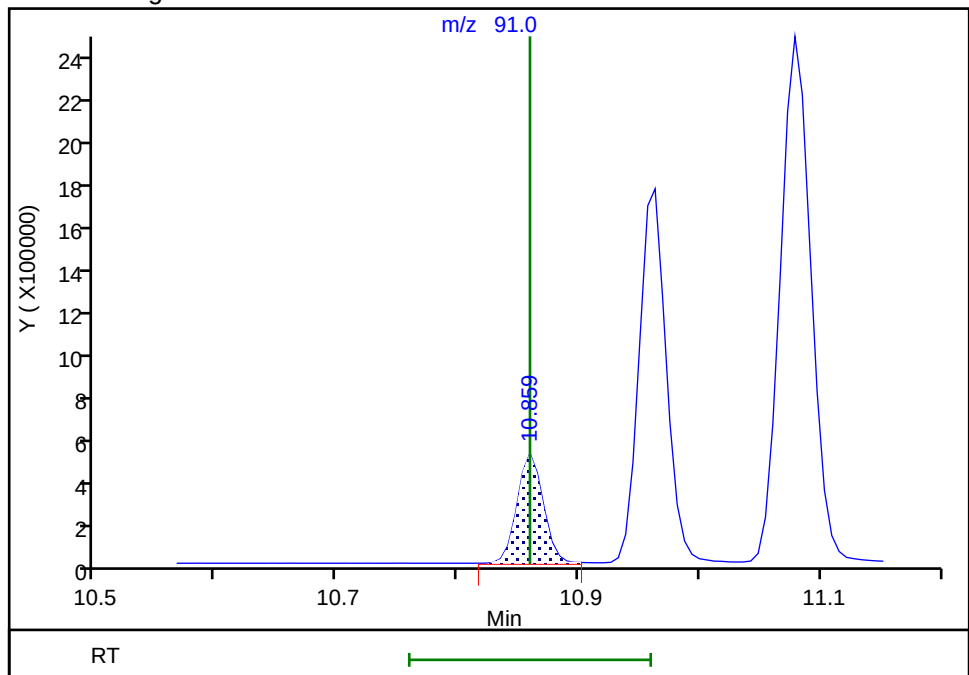
Not Detected
Expected RT: 10.86

Processing Integration Results



RT: 10.86
Area: 770415
Amount: 10.662613
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 11:40:13 -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\19930\20250818-156919.b\IG18X20.D
 Lims ID: IC std9
 Client ID:
 Sample Type: IC Calib Level: 9
 Inject. Date: 18-Aug-2025 22:36:30 ALS Bottle#: 20 Worklist Smp#: 20
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156919-021
 Misc. Info.: IC STD9
 Operator ID: ecr105096 Instrument ID: 19930
 Sublist: chrom-8260 25ml HP31*sub2
 Method: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\8260 25ml HP31.m
 Limit Group: MSV - 8260C_D
 Last Update: 22-Aug-2025 12:41:17 Calib Date: 18-Aug-2025 22:36:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1618

First Level Reviewer: N7YK

Date: 20-Aug-2025 13:19:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.776	1.770	0.006	99	1832651	25.0	23.0	
4 Chloromethane	50	1.959	1.953	0.006	99	1788743	25.0	23.0	
6 Butadiene	39	2.056	2.050	0.006	92	1375728	25.0	21.2	
5 Vinyl chloride	62	2.062	2.050	0.012	97	1781980	25.0	24.5	
7 Bromomethane	94	2.367	2.361	0.006	92	1617928	25.0	24.8	
8 Chloroethane	64	2.422	2.410	0.012	99	1135384	25.0	24.2	
9 Dichlorofluoromethane	67	2.641	2.635	0.006	97	3092859	25.0	24.5	
10 Trichlorofluoromethane	101	2.708	2.709	-0.001	98	3006747	25.0	26.7	M
11 Ethyl ether	59	2.891	2.891	0.000	88	887853	25.0	27.1	
13 1,2-Dichloro-1,1,2-trifluoroetha	67	2.989	2.977	0.012	89	1318203	25.0	24.2	
14 Acrolein	56	3.044	3.038	0.006	99	7910115	1219.9	1252.0	
15 1,1-Dichloroethene	96	3.172	3.166	0.006	97	1098134	25.0	23.5	
16 Acetone	43	3.196	3.190	0.006	100	1664971	250.0	238.8	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.221	3.215	0.006	89	1125040	25.0	24.9	
18 Iodomethane	142	3.349	3.343	0.006	98	2579351	25.0	23.8	
19 Ethyl bromide	108	3.373	3.367	0.006	99	1050666	25.0	23.6	
20 Carbon disulfide	76	3.452	3.440	0.012	99	2971931	25.0	22.2	
23 Methyl acetate	43	3.574	3.568	0.006	96	486611	25.0	27.8	M
24 3-Chloro-1-propene	41	3.592	3.586	0.006	88	1594320	25.0	23.9	
25 Methylene Chloride	84	3.763	3.757	0.006	87	1252962	25.0	24.9	
* 26 t-Butyl alcohol-d10 (IS)	65	3.794	3.763	0.031	94	148032	50.0	50.0	M
27 2-Methyl-2-propanol	59	3.891	3.885	0.006	100	1248508	500.0	439.1	
28 Acrylonitrile	53	4.068	4.062	0.006	97	567857	62.5	60.8	
29 Methyl tert-butyl ether	73	4.129	4.123	0.006	94	3318418	25.0	25.3	
30 trans-1,2-Dichloroethene	96	4.135	4.135	0.000	96	1311014	25.0	23.4	
31 Hexane	57	4.556	4.544	0.012	91	1443682	25.0	23.3	
32 1,1-Dichloroethane	63	4.787	4.781	0.006	96	2150606	25.0	24.1	
35 Isopropyl ether	45	4.854	4.848	0.006	91	3398533	25.0	25.2	
36 2-Chloro-1,3-butadiene	53	4.903	4.897	0.006	91	1752034	25.0	26.1	
37 Tert-butyl ethyl ether	59	5.403	5.397	0.006	96	3486137	25.0	24.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 2-Butanone (MEK)	43	5.610	5.604	0.006	98	3122795	250.0	254.4	
39 cis-1,2-Dichloroethene	96	5.635	5.635	0.000	83	1514971	25.0	24.5	
40 2,2-Dichloropropane	77	5.653	5.647	0.006	90	1993213	25.0	22.8	
43 Propionitrile	54	5.696	5.684	0.012	99	1732717	500.0	519.8	
45 Methacrylonitrile	67	5.915	5.909	0.006	90	3429746	250.0	267.2	
46 Chlorobromomethane	128	5.976	5.970	0.006	82	747421	25.0	24.6	
47 Tetrahydrofuran	71	5.994	5.988	0.006	76	528269	125.0	118.4	
48 Chloroform	83	6.135	6.129	0.006	93	2387746	25.0	23.7	
S 41 1,2-Dichloroethene, Total	100				0			47.9	
\$ 49 Dibromofluoromethane (Surr)	113	6.354	6.348	0.006	95	455451	10.0	9.97	
50 1,1,1-Trichloroethane	97	6.360	6.354	0.006	97	2220768	25.0	22.8	
51 Cyclohexane	56	6.464	6.458	0.006	89	1774223	25.0	22.3	
54 Carbon tetrachloride	117	6.574	6.574	0.000	97	2129670	25.0	24.2	
53 1,1-Dichloropropene	75	6.580	6.574	0.006	96	1737459	25.0	23.9	
55 Isobutyl alcohol	41	6.750	6.750	0.000	94	1062276	1250.0	1148.7	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	6.811	6.811	0.000	78	93745	10.0	10.1	
57 Benzene	78	6.836	6.836	0.000	95	5230133	25.0	23.4	
58 1,2-Dichloroethane	62	6.915	6.915	0.000	98	1468966	25.0	25.0	
60 Tert-amyl methyl ether	73	7.043	7.043	0.000	98	3473699	25.0	24.0	
* 61 Fluorobenzene (IS)	96	7.256	7.250	0.006	99	1676902	10.0	10.0	
62 n-Heptane	43	7.275	7.275	0.000	87	1396997	25.0	23.3	
63 n-Butanol	56	7.640	7.641	-0.001	87	1816151	2187.5	2181.6	
64 Trichloroethene	95	7.738	7.738	0.000	94	1504299	25.0	24.0	
65 Methylcyclohexane	83	8.049	8.043	0.006	89	2203041	25.0	23.3	
66 1,2-Dichloropropane	63	8.073	8.067	0.006	94	1339657	25.0	25.7	
68 1,4-Dioxane	88	8.171	8.171	0.000	35	261448	1250.0	1289.1	
67 Methyl methacrylate	69	8.171	8.171	0.000	85	690582	25.0	26.5	
69 Dibromomethane	93	8.183	8.183	0.000	89	731939	25.0	25.4	
71 Dichlorobromomethane	83	8.427	8.427	0.000	99	1847145	25.0	25.5	
72 2-Nitropropane	41	8.689	8.689	0.000	100	1134545	125.0	119.0	
75 1-Bromo-2-chloroethane	63	8.823	8.817	0.006	98	1267956	25.0	26.1	
76 cis-1,3-Dichloropropene	75	8.988	8.988	0.000	96	2156682	25.0	28.3	
77 4-Methyl-2-pentanone (MIBK)	43	9.177	9.177	0.000	96	8926380	250.0	268.1	
\$ 78 Toluene-d8 (Surr)	98	9.323	9.317	0.006	93	1751047	10.0	9.82	
79 Toluene	92	9.402	9.402	0.000	98	3643115	25.0	23.7	
97 trans-1,3-Dichloropropene	75	9.683	9.683	0.000	92	1869425	25.0	27.1	
99 Ethyl methacrylate	69	9.756	9.756	0.000	87	1467876	25.0	26.2	
100 1,1,2-Trichloroethane	97	9.896	9.896	0.000	89	1075766	25.0	23.7	
101 Tetrachloroethene	166	9.981	9.982	-0.001	96	2122964	25.0	22.7	
S 98 1,3-Dichloropropene, Total	100				0			55.4	
102 1,3-Dichloropropane	76	10.061	10.061	0.000	89	1718936	25.0	26.0	
103 2-Hexanone	43	10.122	10.122	0.000	95	6427023	250.0	278.7	
105 Chlorodibromomethane	129	10.286	10.286	0.000	89	1642876	25.0	24.6	
106 Ethylene Dibromide	107	10.396	10.396	0.000	98	1081325	25.0	26.4	
* 107 Chlorobenzene-d5 (IS)	117	10.841	10.841	0.000	83	1416318	10.0	10.0	
108 1-Chlorohexane	91	10.859	10.859	0.000	93	2006921	25.0	23.8	
109 Chlorobenzene	112	10.872	10.872	0.000	98	4553708	25.0	24.2	
111 1,1,1,2-Tetrachloroethane	131	10.957	10.957	0.000	96	1732651	25.0	25.0	
112 Ethylbenzene	91	10.963	10.963	0.000	97	7313400	25.0	24.2	
113 m-Xylene & p-Xylene	106	11.079	11.079	0.000	93	6091416	50.0	48.3	
S 110 Xylenes, Total	106				0			72.8	
114 o-Xylene	106	11.414	11.414	0.000	95	2984632	25.0	24.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
115 Styrene	104	11.432	11.432	0.000	95	5049505	25.0	26.9	
116 Bromoform	173	11.585	11.585	0.000	98	1100132	25.0	22.5	
117 Isopropylbenzene	105	11.719	11.719	0.000	95	7622895	25.0	23.6	
\$ 120 4-Bromofluorobenzene (Surr)	95	11.865	11.865	0.000	96	622752	10.0	9.64	
121 1,1,2,2-Tetrachloroethane	83	11.969	11.969	0.000	96	1420496	25.0	26.3	
122 Bromobenzene	156	11.981	11.975	0.006	86	2165515	25.0	25.3	
123 trans-1,4-Dichloro-2-butene	53	11.993	11.993	0.000	95	3961409	250.0	295.9	
124 1,2,3-Trichloropropane	110	12.012	12.012	0.000	78	409933	25.0	24.4	
125 N-Propylbenzene	91	12.054	12.054	0.000	98	8424593	25.0	25.5	
126 2-Chlorotoluene	126	12.127	12.127	0.000	98	1892284	25.0	25.2	
127 1,3,5-Trimethylbenzene	105	12.194	12.195	-0.001	94	6593972	25.0	25.2	
128 4-Chlorotoluene	126	12.219	12.219	0.000	97	1976484	25.0	25.6	
129 tert-Butylbenzene	134	12.432	12.432	0.000	92	1614229	25.0	24.9	
130 Pentachloroethane	167	12.463	12.463	0.000	92	1347278	25.0	25.8	
131 1,2,4-Trimethylbenzene	105	12.475	12.475	0.000	96	6850100	25.0	25.0	
132 sec-Butylbenzene	105	12.597	12.597	0.000	94	8366208	25.0	24.2	
133 1,3-Dichlorobenzene	146	12.694	12.694	0.000	98	4139004	25.0	26.4	
134 4-Isopropyltoluene	119	12.707	12.707	0.000	97	7809200	25.0	25.5	
* 135 1,4-Dichlorobenzene-d4	152	12.749	12.749	0.000	92	850812	10.0	10.0	
136 1,4-Dichlorobenzene	146	12.768	12.768	0.000	96	4139149	25.0	23.9	
137 1,2,3-Trimethylbenzene	120	12.780	12.780	0.000	98	3106894	25.0	25.0	
138 Benzyl chloride	126	12.847	12.847	0.000	98	652492	25.0	26.6	
139 n-Butylbenzene	92	12.999	12.999	0.000	97	3779460	25.0	29.0	
140 1,2-Dichlorobenzene	146	13.030	13.030	0.000	99	3810236	25.0	26.3	
142 1,2-Dibromo-3-Chloropropane	155	13.572	13.572	0.000	93	271150	25.0	26.1	
143 1,3,5-Trichlorobenzene	180	13.700	13.694	0.006	97	3504625	25.0	27.6	
144 1,2,4-Trichlorobenzene	180	14.115	14.115	0.000	94	3117496	25.0	28.8	
145 Hexachlorobutadiene	225	14.200	14.200	0.000	95	1536381	25.0	26.4	
146 Naphthalene	128	14.292	14.292	0.000	96	5431439	25.0	26.9	
147 1,2,3-Trichlorobenzene	180	14.438	14.438	0.000	96	2739205	25.0	27.6	
165 Isopropyl alcohol	45		0.000				ND	ND	
161 Pentane	43		0.000				ND	ND	
150 2-ethoxy-2-methyl butane	1		0.000				ND	ND	
156 p-Diethylbenzene	1		0.000				ND	ND	
155 2-Methylnaphthalene	142	15.023	15.029	-0.006	92	3285263	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#1_826_00174

Amount Added: 25.00

Units: uL

MSV_LL_#2_826_00189

Amount Added: 25.00

Units: uL

MSV_LL_GAS826_00285

Amount Added: 25.00

Units: uL

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 22-Aug-2025 12:41:18

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X20.D

Injection Date: 18-Aug-2025 22:36:30

Instrument ID: 19930

Operator ID: ecr105096

Lims ID: IC std9

Worklist Smp#: 20

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

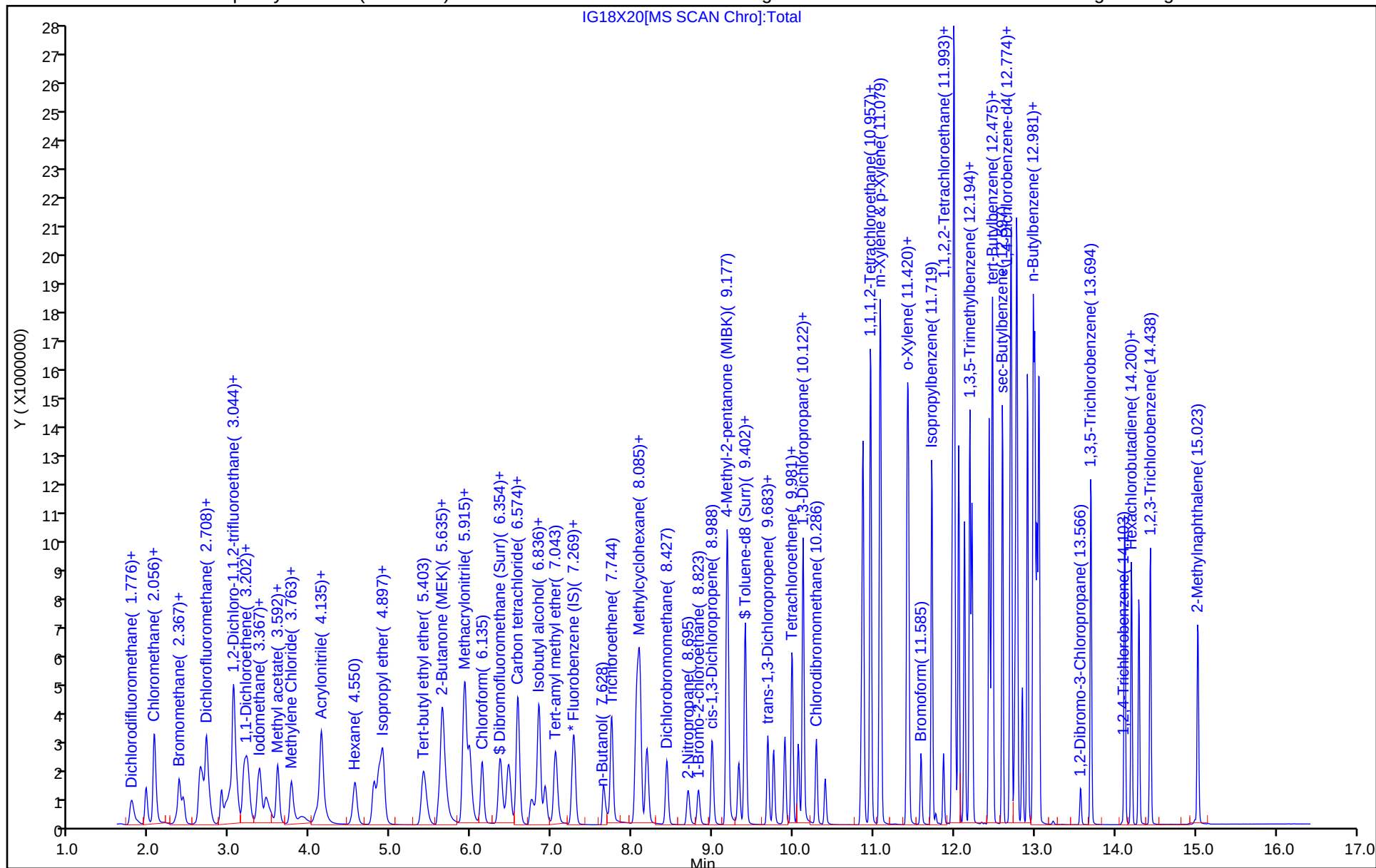
ALS Bottle#: 20

Method: 8260 25ml HP31

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

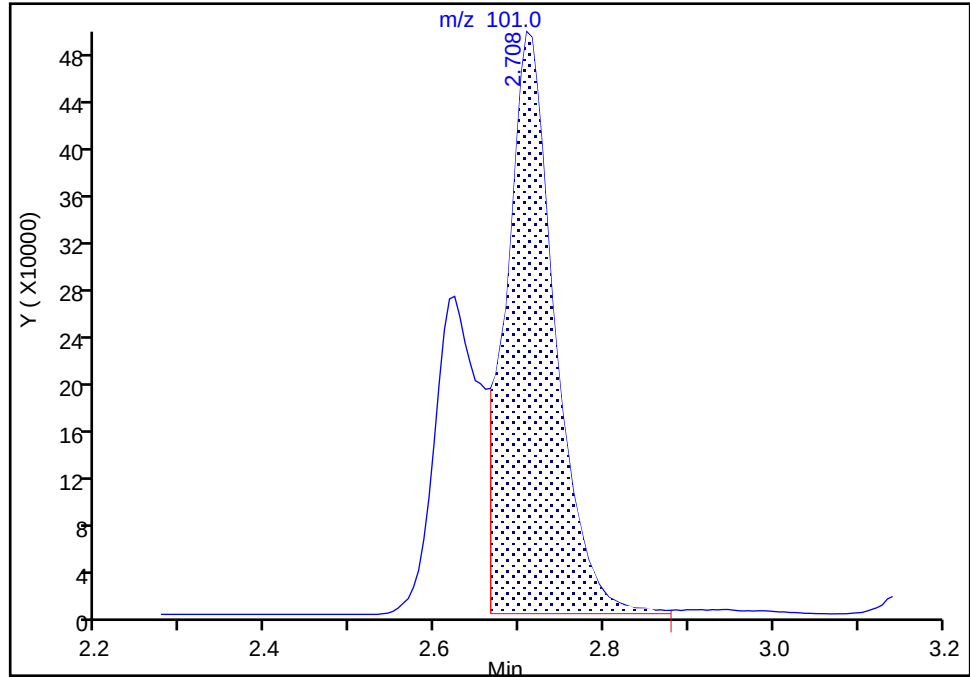
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Injection Date: 18-Aug-2025 22:36:30 Instrument ID: 19930
Lims ID: IC std9
Client ID:
Operator ID: ecr105096 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

10 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

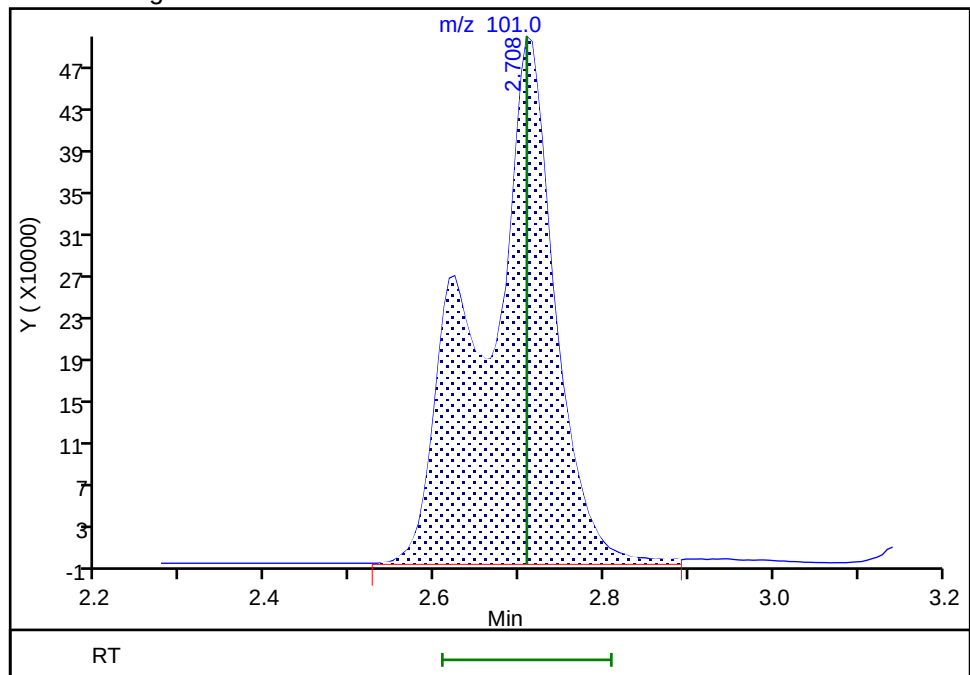
RT: 2.71
Area: 2013142
Amount: 18.584714
Amount Units: ug/l

Processing Integration Results



RT: 2.71
Area: 3006747
Amount: 26.670103
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 13:17:41 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

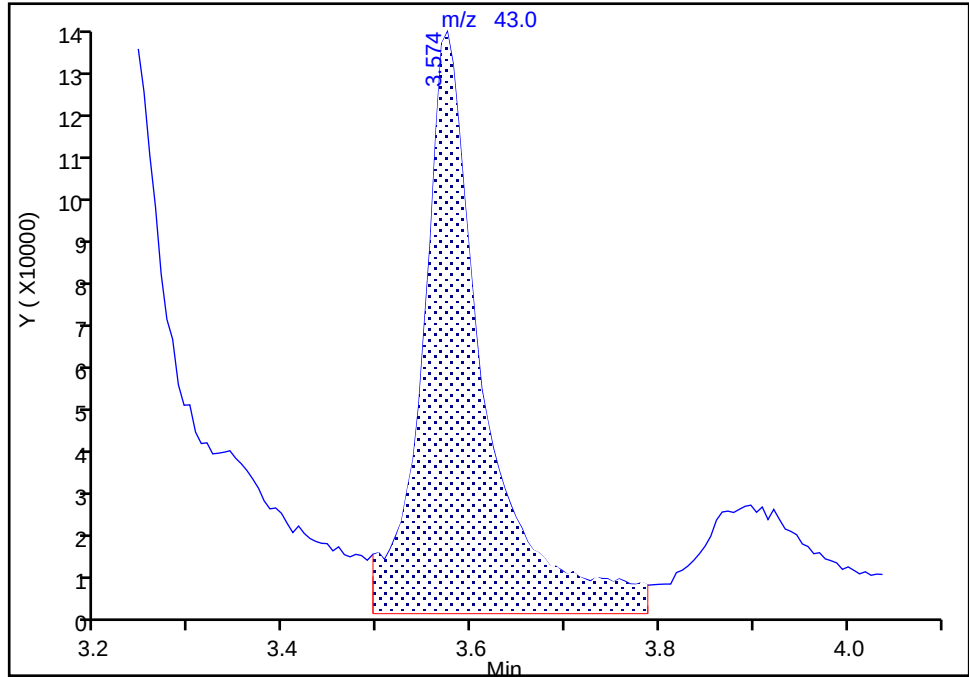
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Injection Date: 18-Aug-2025 22:36:30 Instrument ID: 19930
Lims ID: IC std9
Client ID:
Operator ID: ecr105096 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Methyl acetate, CAS: 79-20-9

Signal: 1

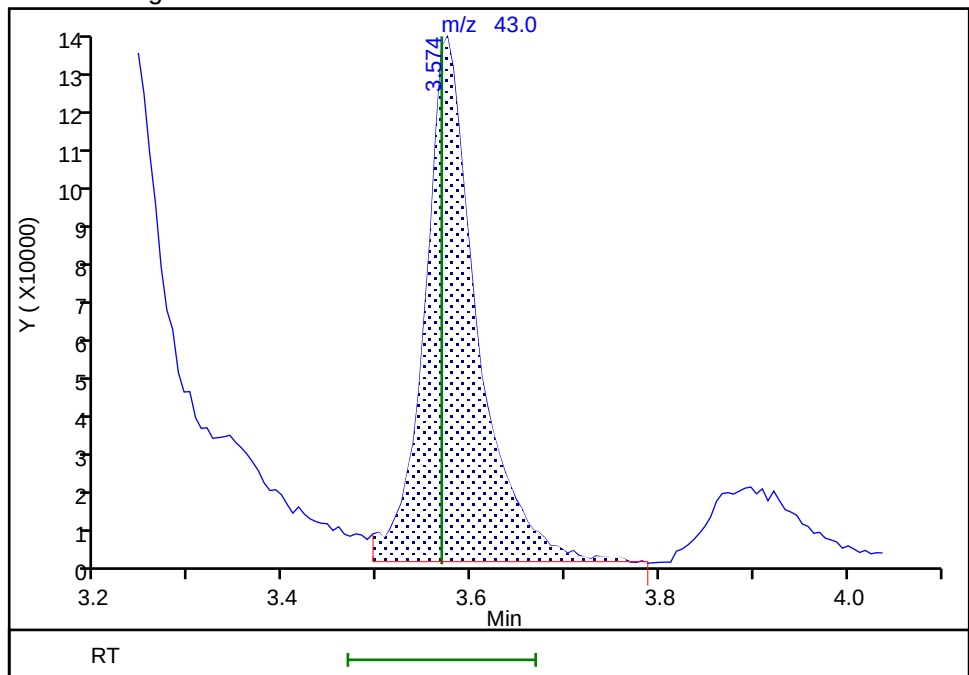
RT: 3.57
Area: 604478
Amount: 32.194869
Amount Units: ug/l

Processing Integration Results



RT: 3.57
Area: 486611
Amount: 27.843408
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 13:17:56 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

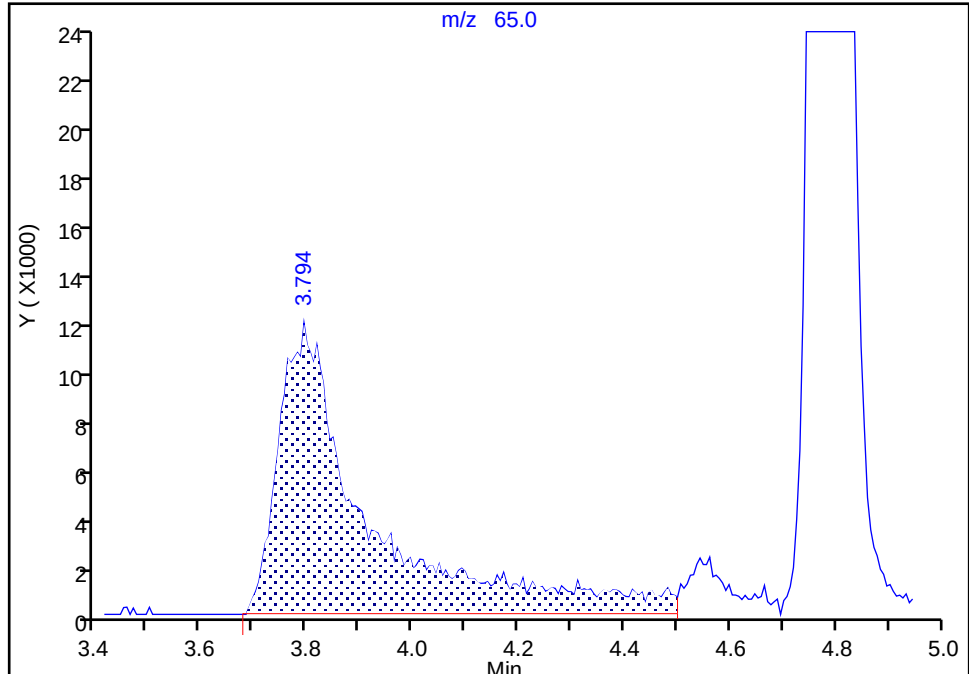
Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X20.D
Injection Date: 18-Aug-2025 22:36:30 Instrument ID: 19930
Lims ID: IC std9
Client ID:
Operator ID: ecr105096 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 26 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

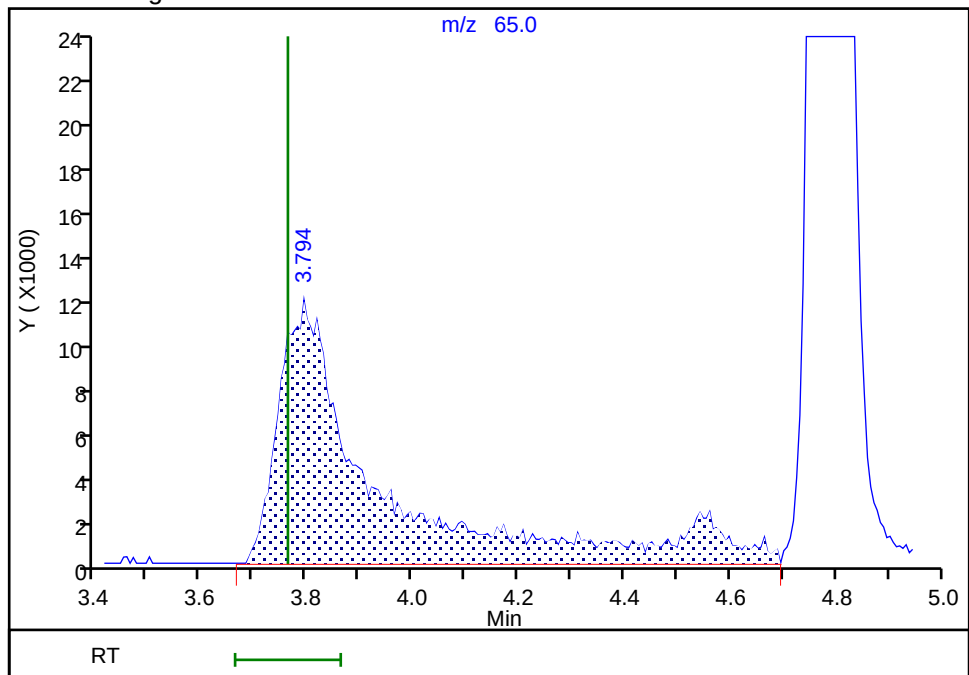
RT: 3.79
Area: 135232
Amount: 50.000000
Amount Units: ug/l

Processing Integration Results



RT: 3.79
Area: 148032
Amount: 50.000000
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 13:18:11 -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\19930\20250818-156919.b\IG18X13.D
 Lims ID: IC std2
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 18-Aug-2025 20:14:30 ALS Bottle#: 13 Worklist Smp#: 27
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156919-014
 Misc. Info.: IC STD2
 Operator ID: ecr105096 Instrument ID: 19930
 Sublist: chrom-8260 25ml HP31*sub2
 Method: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\8260 25ml HP31.m
 Limit Group: MSV - 8260C_D
 Last Update: 22-Aug-2025 12:41:21 Calib Date: 18-Aug-2025 22:36:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1618

First Level Reviewer: N7YK

Date: 20-Aug-2025 12:20:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.776	1.770	0.006	1	3856	0.0600	0.0541	
4 Chloromethane	50	1.959	1.953	0.006	95	5661	0.0600	0.0813	
6 Butadiene	39	2.044	2.050	-0.006	86	7206	0.0600	0.1239	
5 Vinyl chloride	62	2.056	2.050	0.006	96	4272	0.0600	0.0656	
7 Bromomethane	94	2.367	2.361	0.006	27	4190	0.0600	0.0717	
8 Chloroethane	64	2.410	2.410	0.000	1	2822	0.0600	0.0672	
9 Dichlorofluoromethane	67	2.623	2.635	-0.012	94	9197	0.0600	0.0813	
10 Trichlorofluoromethane	101	2.709	2.709	0.000	79	6620	0.0600	0.0655	M
11 Ethyl ether	59	2.904	2.891	0.013	23	1861	0.0600	0.0634	
13 1,2-Dichloro-1,1,2-trifluoroetha	67	2.952	2.977	-0.025	1	3684	0.0600	0.0755	M
14 Acrolein	56	3.062	3.038	0.024	97	16087	2.93	3.22	
15 1,1-Dichloroethene	96	3.178	3.166	0.012	92	2964	0.0600	0.0708	
16 Acetone	43	3.257	3.190	0.067	20	7726	0.6000	1.40	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.215	3.215	0.000	1	1753	0.0600	0.0433	
18 Iodomethane	142	3.343	3.343	0.000	51	6130	0.0600	0.0630	
19 Ethyl bromide	108	3.373	3.367	0.006	56	2727	0.0599	0.0685	
20 Carbon disulfide	76	3.458	3.440	0.018	95	8322	0.0600	0.0693	
23 Methyl acetate	43	3.568	3.568	0.000	1	737	0.0600	0.0533	
24 3-Chloro-1-propene	41	3.593	3.586	0.007	84	4948	0.0600	0.0829	
25 Methylene Chloride	84	3.769	3.757	0.012	37	2476	0.0600	0.0549	
* 26 t-Butyl alcohol-d10 (IS)	65	3.782	3.763	0.019	29	117227	50.0	50.0	M
27 2-Methyl-2-propanol	59	3.903	3.885	0.018	0	2156	1.20	0.9575	
28 Acrylonitrile	53		4.062				ND	ND	
29 Methyl tert-butyl ether	73	4.117	4.123	-0.006	82	7014	0.0600	0.0596	
30 trans-1,2-Dichloroethene	96	4.160	4.135	0.025	82	3153	0.0600	0.0629	M
31 Hexane	57	4.550	4.544	0.006	24	2811	0.0600	0.0505	
32 1,1-Dichloroethane	63	4.794	4.781	0.013	1	5432	0.0600	0.0681	
35 Isopropyl ether	45	4.854	4.848	0.006	86	8219	0.0600	0.0680	
36 2-Chloro-1,3-butadiene	53	4.915	4.897	0.018	1	3194	0.0600	0.0532	
37 Tert-butyl ethyl ether	59	5.397	5.397	0.000	96	8001	0.0600	0.0638	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 2-Butanone (MEK)	43	5.647	5.604	0.043	37	1347	0.6000	0.1385	
39 cis-1,2-Dichloroethene	96	5.659	5.635	0.024	76	3434	0.0600	0.0619	
40 2,2-Dichloropropane	77	5.653	5.647	0.006	69	5473	0.0600	0.0699	
43 Propionitrile	54		5.684				ND	ND	
45 Methacrylonitrile	67	5.976	5.909	0.067	24	5111	0.6000	0.5028	M
46 Chlorobromomethane	128	5.995	5.970	0.025	77	1326	0.0600	0.0487	
47 Tetrahydrofuran	71	6.031	5.988	0.043	41	331	0.3000	0.0936	M
48 Chloroform	83	6.147	6.129	0.018	86	5399	0.0600	0.0598	
S 41 1,2-Dichloroethene, Total	100				0			0.1248	
\$ 49 Dibromofluoromethane (Surr)	113	6.348	6.348	0.000	94	408680	10.0	10.0	
50 1,1,1-Trichloroethane	97	6.354	6.354	0.000	35	5955	0.0600	0.0682	
51 Cyclohexane	56	6.470	6.458	0.012	74	3839	0.0600	0.0538	
54 Carbon tetrachloride	117	6.561	6.574	-0.013	27	4664	0.0600	0.0592	M
53 1,1-Dichloropropene	75	6.586	6.574	0.012	91	3956	0.0600	0.0608	
55 Isobutyl alcohol	41	6.738	6.750	-0.012	1	840	3.00	1.15	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	6.811	6.811	0.000	63	82021	10.0	9.91	
57 Benzene	78	6.848	6.836	0.012	92	13687	0.0600	0.0684	
58 1,2-Dichloroethane	62	6.927	6.915	0.012	3	3702	0.0600	0.0702	M
60 Tert-amyl methyl ether	73	7.043	7.043	0.000	98	7980	0.0600	0.0616	
* 61 Fluorobenzene (IS)	96	7.250	7.250	0.000	100	1502222	10.0	10.0	
62 n-Heptane	43	7.256	7.275	-0.019	36	4234	0.0600	0.0788	
63 n-Butanol	56		7.641				ND	ND	
64 Trichloroethene	95	7.750	7.738	0.012	91	3544	0.0600	0.0632	
65 Methylcyclohexane	83	8.055	8.043	0.012	91	4488	0.0600	0.0530	
66 1,2-Dichloropropane	63	8.079	8.067	0.012	70	3431	0.0600	0.0735	
68 1,4-Dioxane	88		8.171				ND	ND	
67 Methyl methacrylate	69	8.086	8.171	-0.085	46	193	0.0600	0.009368	
69 Dibromomethane	93	8.195	8.183	0.012	87	1349	0.0600	0.0523	
71 Dichlorobromomethane	83	8.427	8.427	0.000	90	4050	0.0600	0.0625	
72 2-Nitropropane	41	8.726	8.689	0.037	20	4048	0.3000	0.5362	
75 1-Bromo-2-chloroethane	63	8.835	8.817	0.018	1	2095	0.0600	0.0482	
76 cis-1,3-Dichloropropene	75	9.031	8.988	0.042	1	3269	0.0600	0.0478	M
77 4-Methyl-2-pentanone (MIBK)	43	9.195	9.177	0.018	92	15372	0.6000	0.5830	
\$ 78 Toluene-d8 (Surr)	98	9.317	9.317	0.000	93	1570010	10.0	9.97	
79 Toluene	92	9.408	9.402	0.006	98	8773	0.0600	0.0647	
97 trans-1,3-Dichloropropene	75	9.725	9.683	0.042	1	3233	0.0600	0.0531	
99 Ethyl methacrylate	69		9.756				ND	ND	
100 1,1,2-Trichloroethane	97	9.902	9.896	0.006	1	2683	0.0600	0.0671	
101 Tetrachloroethene	166	9.994	9.982	0.012	92	4954	0.0600	0.0599	
S 98 1,3-Dichloropropene, Total	100				0			0.1009	
102 1,3-Dichloropropane	76	10.073	10.061	0.012	3	3742	0.0600	0.0640	
103 2-Hexanone	43	10.201	10.122	0.079	35	8430	0.6000	0.4616	
105 Chlorodibromomethane	129	10.292	10.286	0.006	85	3280	0.0600	0.0557	
106 Ethylene Dibromide	107	10.427	10.396	0.031	1	2049	0.0600	0.0567	
* 107 Chlorobenzene-d5 (IS)	117	10.841	10.841	0.000	83	1250844	10.0	10.0	
108 1-Chlorohexane	91	10.866	10.859	0.007	47	7317	0.0600	0.0982	
109 Chlorobenzene	112	10.872	10.872	0.000	41	10632	0.0600	0.0639	M
111 1,1,1,2-Tetrachloroethane	131	10.963	10.957	0.006	87	3825	0.0600	0.0626	
112 Ethylbenzene	91	10.969	10.963	0.006	96	16554	0.0600	0.0621	
113 m-Xylene & p-Xylene	106	11.097	11.079	0.018	92	13433	0.1200	0.1207	
S 110 Xylenes, Total	106				0			0.1830	
114 o-Xylene	106	11.426	11.414	0.012	95	6717	0.0600	0.0623	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
115 Styrene	104	11.457	11.432	0.025	91	10288	0.0600	0.0621	
116 Bromoform	173	11.603	11.585	0.018	92	2802	0.0600	0.0648	
117 Isopropylbenzene	105	11.725	11.719	0.006	94	17763	0.0600	0.0623	
\$ 120 4-Bromofluorobenzene (Surr)	95	11.865	11.865	0.000	97	569778	10.0	9.99	
121 1,1,2,2-Tetrachloroethane	83		11.969				ND	ND	
122 Bromobenzene	156	11.987	11.975	0.012	73	4557	0.0600	0.0578	
123 trans-1,4-Dichloro-2-butene	53	12.018	11.993	0.025	82	5908	0.6000	0.5573	
124 1,2,3-Trichloropropane	110	12.024	12.012	0.012	78	1023	0.0600	0.0661	
125 N-Propylbenzene	91	12.060	12.054	0.006	98	18712	0.0600	0.0615	
126 2-Chlorotoluene	126	12.140	12.127	0.013	96	4045	0.0600	0.0585	
127 1,3,5-Trimethylbenzene	105	12.195	12.195	0.000	93	15808	0.0600	0.0655	
128 4-Chlorotoluene	126	12.243	12.219	0.024	94	4456	0.0600	0.0627	
129 tert-Butylbenzene	134	12.432	12.432	0.000	91	3916	0.0600	0.0657	
130 Pentachloroethane	167	12.469	12.463	0.006	74	2834	0.0600	0.0590	
131 1,2,4-Trimethylbenzene	105	12.487	12.475	0.012	95	16191	0.0600	0.0642	
132 sec-Butylbenzene	105	12.597	12.597	0.000	93	20100	0.0600	0.0632	
133 1,3-Dichlorobenzene	146	12.707	12.694	0.013	69	8366	0.0600	0.0580	
134 4-Isopropyltoluene	119	12.713	12.707	0.006	97	17792	0.0600	0.0630	
* 135 1,4-Dichlorobenzene-d4	152	12.755	12.749	0.006	92	783722	10.0	10.0	
136 1,4-Dichlorobenzene	146	12.774	12.768	0.006	90	9920	0.0600	0.0621	
137 1,2,3-Trimethylbenzene	120	12.786	12.780	0.006	93	7684	0.0600	0.0672	
138 Benzyl chloride	126	12.865	12.847	0.018	94	1319	0.0600	0.0583	
139 n-Butylbenzene	92	13.011	12.999	0.012	96	7656	0.0600	0.0639	
140 1,2-Dichlorobenzene	146	13.036	13.030	0.006	97	7652	0.0600	0.0573	
142 1,2-Dibromo-3-Chloropropane	155	13.578	13.572	0.006	1	398	0.0600	0.0416	
143 1,3,5-Trichlorobenzene	180	13.706	13.694	0.012	95	6427	0.0600	0.0549	
144 1,2,4-Trichlorobenzene	180	14.127	14.115	0.012	92	5084	0.0600	0.0510	
145 Hexachlorobutadiene	225	14.200	14.200	0.000	92	3096	0.0600	0.0578	
146 Naphthalene	128	14.310	14.292	0.018	94	11131	0.0600	0.0599	
147 1,2,3-Trichlorobenzene	180	14.450	14.438	0.012	92	5289	0.0600	0.0578	
165 Isopropyl alcohol	45		0.000				ND	ND	
161 Pentane	43		0.000				ND	ND	
150 2-ethoxy-2-methyl butane	1		0.000				ND	ND	
156 p-Diethylbenzene	1		0.000				ND	ND	
155 2-Methylnaphthalene	142	15.054	15.029	0.025	92	4284	NR	NR	M

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#1_826_00174	Amount Added: 1.20	Units: uL	
MSV_LL_#2_826_00189	Amount Added: 1.20	Units: uL	
MSV_LL_GAS826_00285	Amount Added: 1.20	Units: uL	
MSV_LLcentISS_00018	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 22-Aug-2025 12:41:22

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X13.D

Injection Date: 18-Aug-2025 20:14:30

Instrument ID: 19930

Operator ID: ecr105096

Lims ID: IC std2

Worklist Smp#: 27

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

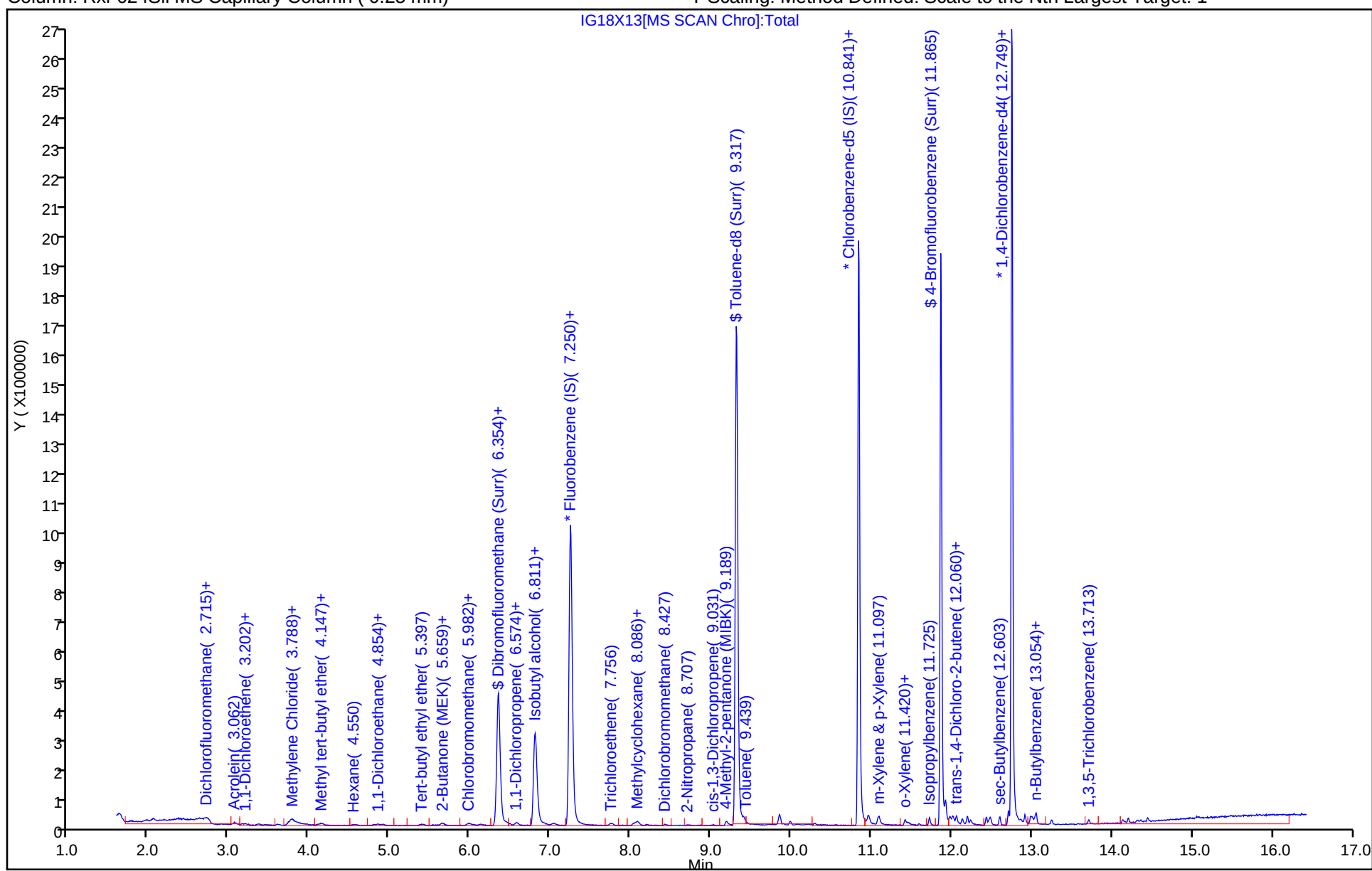
ALS Bottle#: 13

Method: 8260 25ml HP31

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

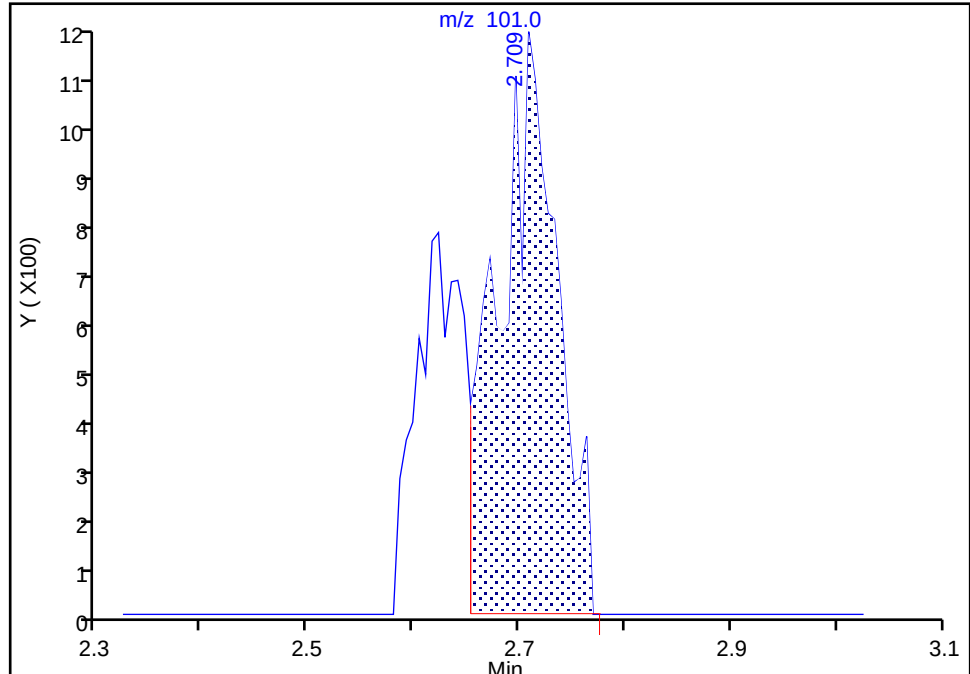
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Injection Date: 18-Aug-2025 20:14:30 Instrument ID: 19930
Lims ID: IC std2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 27
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

10 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

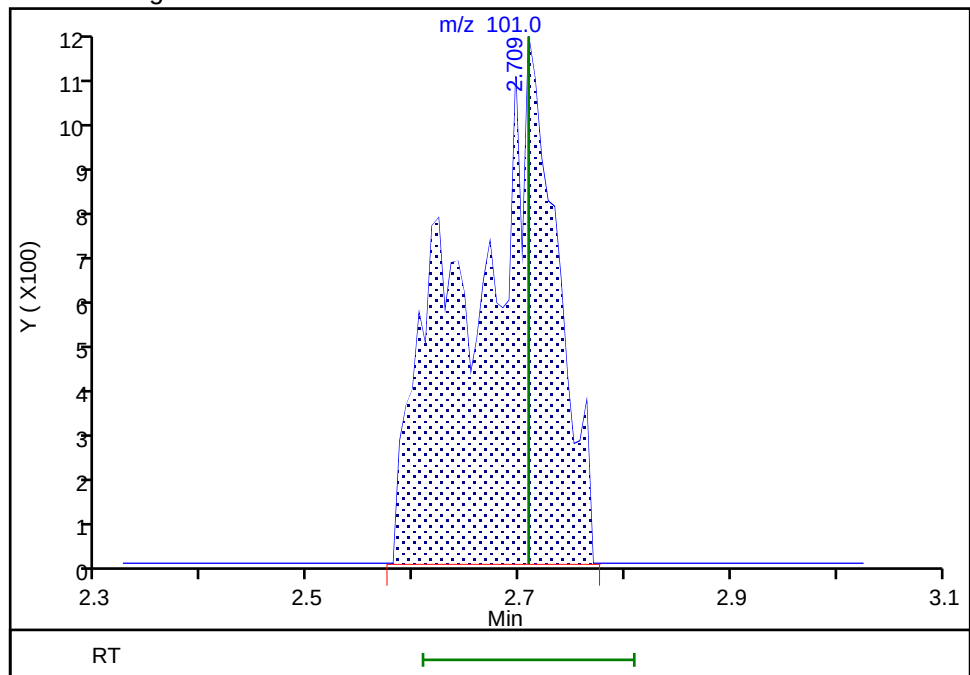
RT: 2.71
Area: 4451
Amount: 0.059151
Amount Units: ug/l

Processing Integration Results



RT: 2.71
Area: 6620
Amount: 0.065548
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:15:45 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

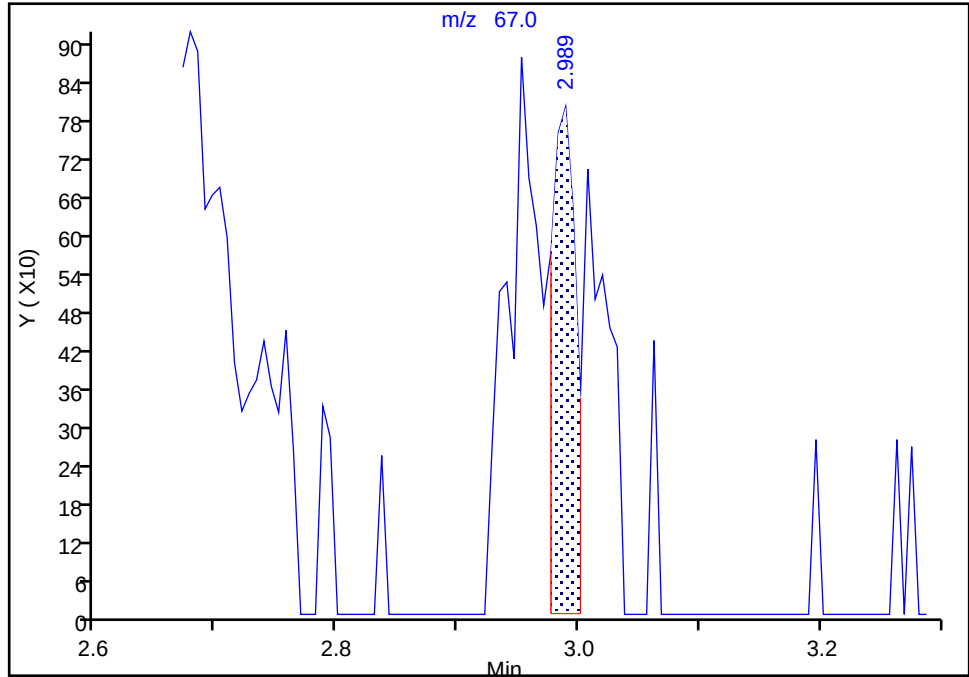
Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date: 18-Aug-2025 20:14:30 Instrument ID: 19930
Lims ID: IC std2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 27
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

13 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4
Signal: 1

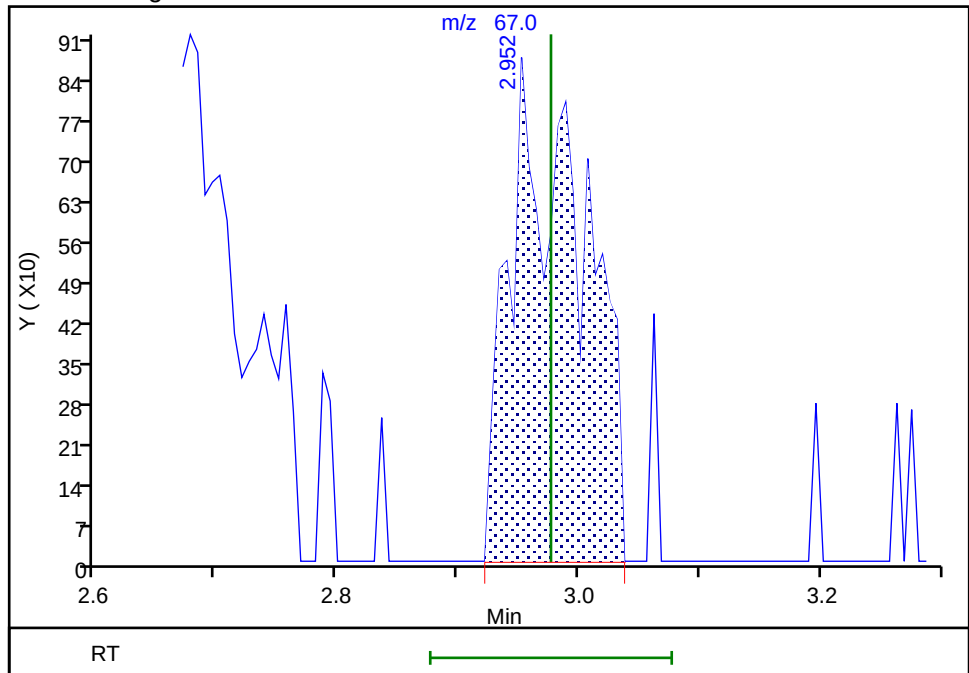
RT: 2.99
Area: 1137
Amount: 0.025783
Amount Units: ug/l

Processing Integration Results



RT: 2.95
Area: 3684
Amount: 0.075468
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:15:54 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

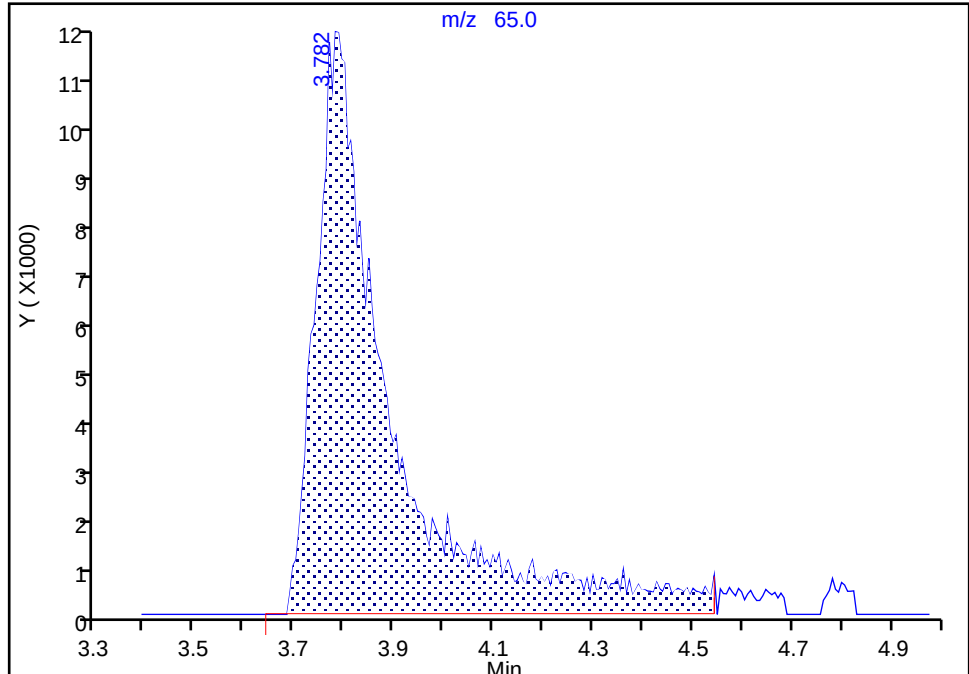
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Injection Date: 18-Aug-2025 20:14:30 Instrument ID: 19930
Lims ID: IC std2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 27
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 26 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

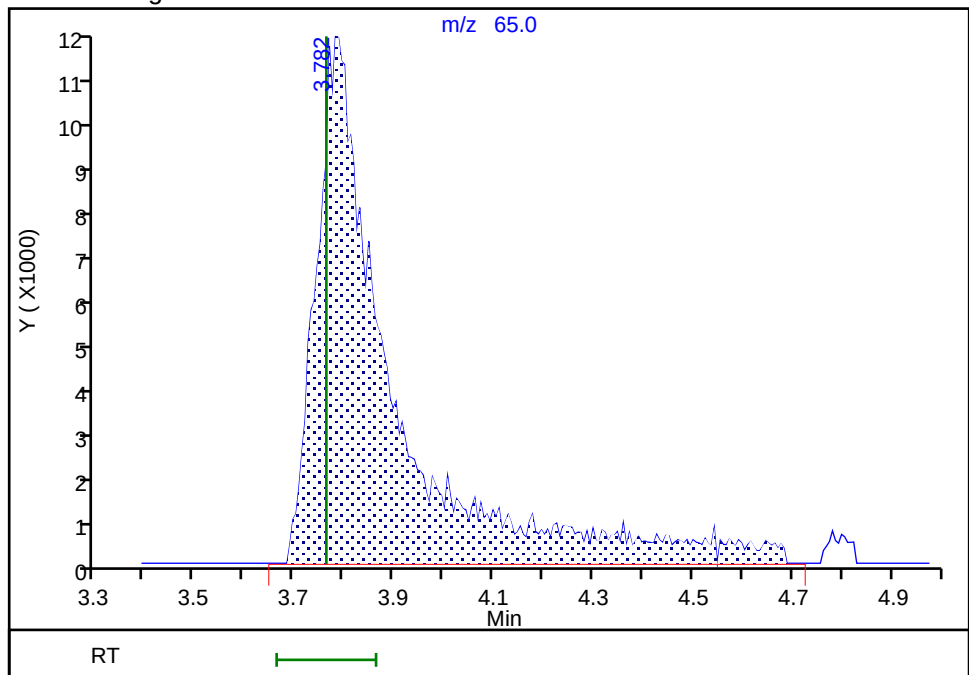
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Area: 114087
Amount: 50.000000
Amount Units: ug/l

Processing Integration Results



RT: 3.78
Area: 117227
Amount: 50.000000
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:16:14 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

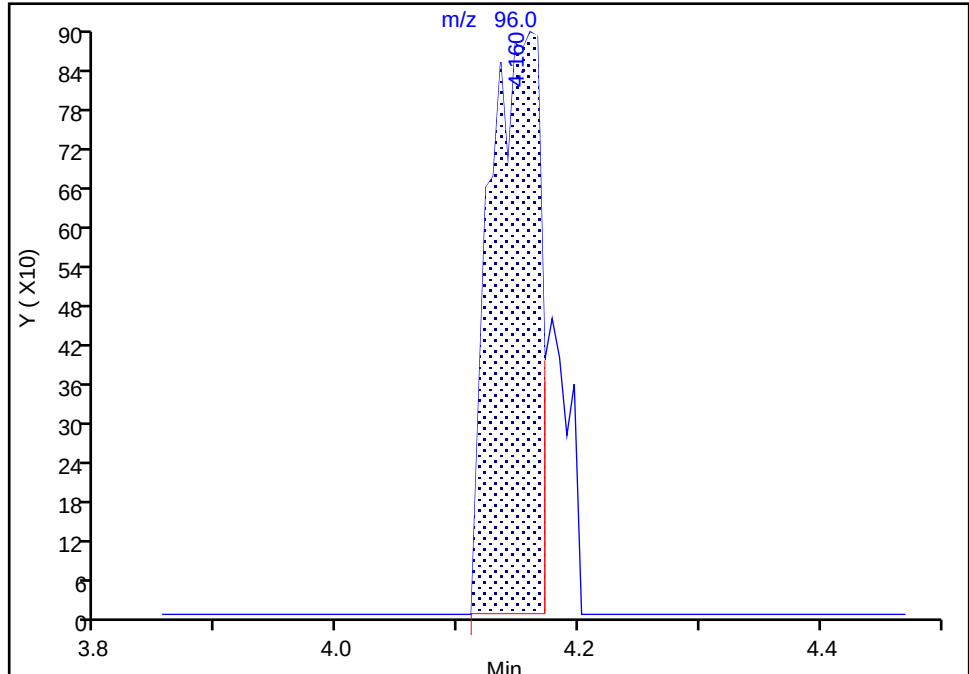
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Injection Date: 18-Aug-2025 20:14:30 Instrument ID: 19930
Lims ID: IC std2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 27
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

30 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

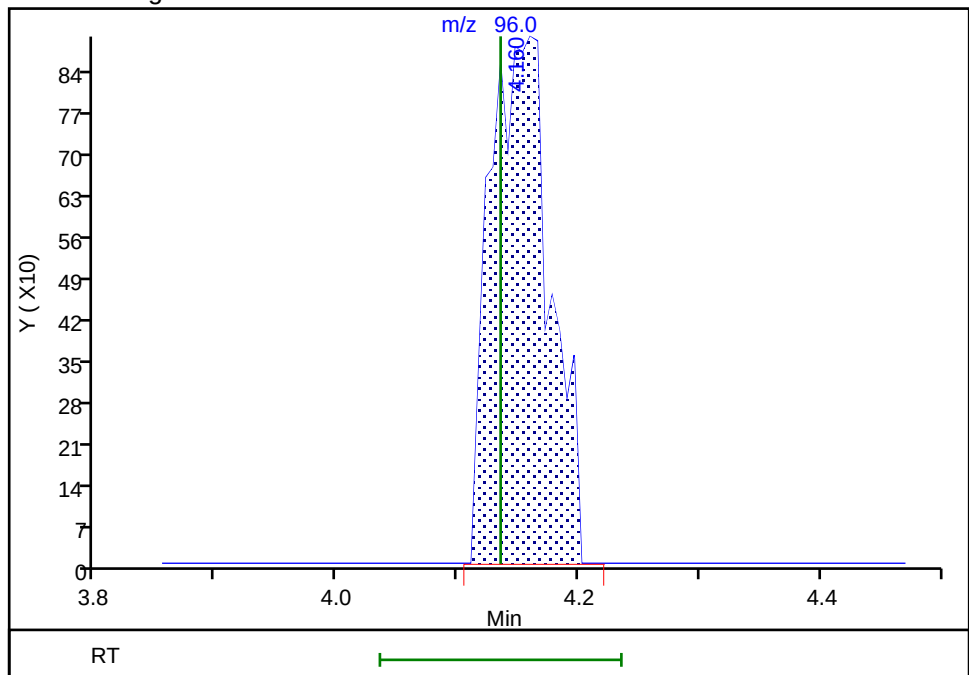
RT: 4.16
Area: 2611
Amount: 0.053122
Amount Units: ug/l

Processing Integration Results



RT: 4.16
Area: 3153
Amount: 0.062865
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:16:26 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

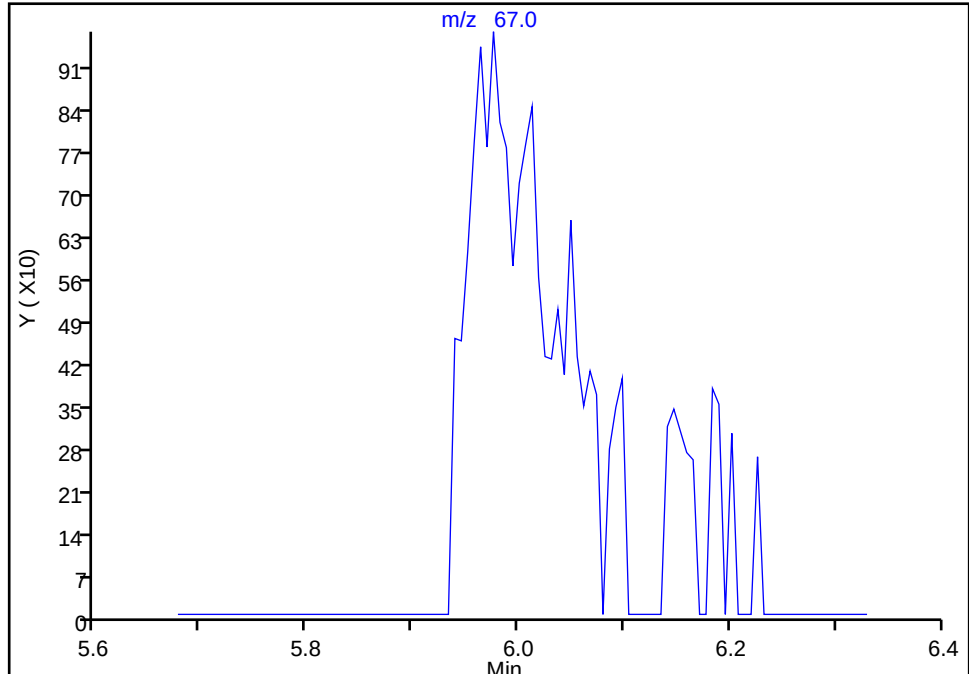
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Injection Date: 18-Aug-2025 20:14:30 Instrument ID: 19930
Lims ID: IC std2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 27
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

45 Methacrylonitrile, CAS: 126-98-7

Signal: 1

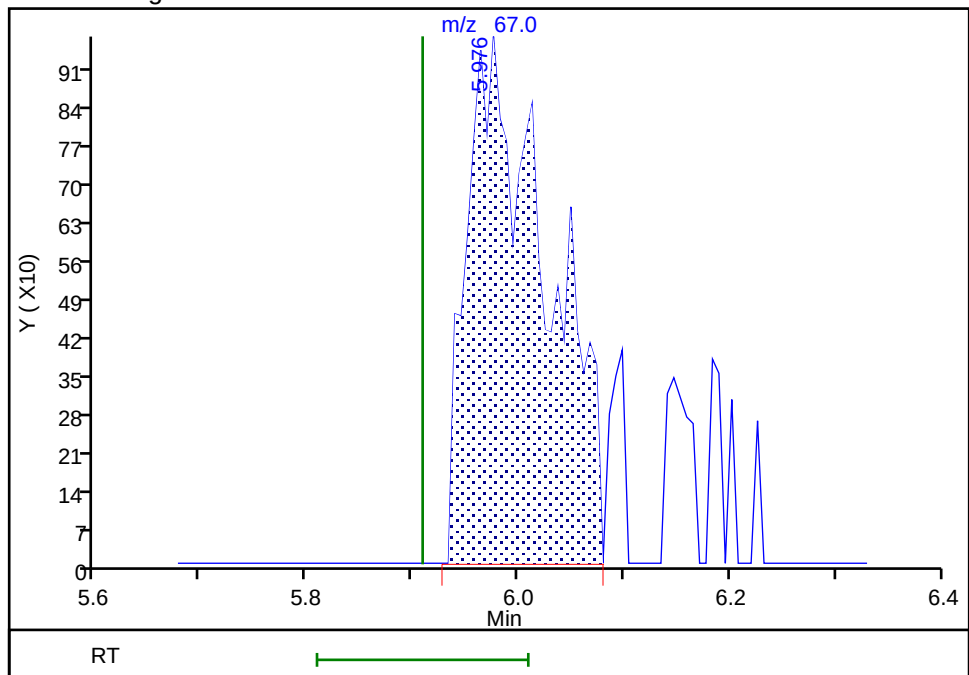
Not Detected
Expected RT: 5.91

Processing Integration Results



RT: 5.98
Area: 5111
Amount: 0.502794
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:16:46 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

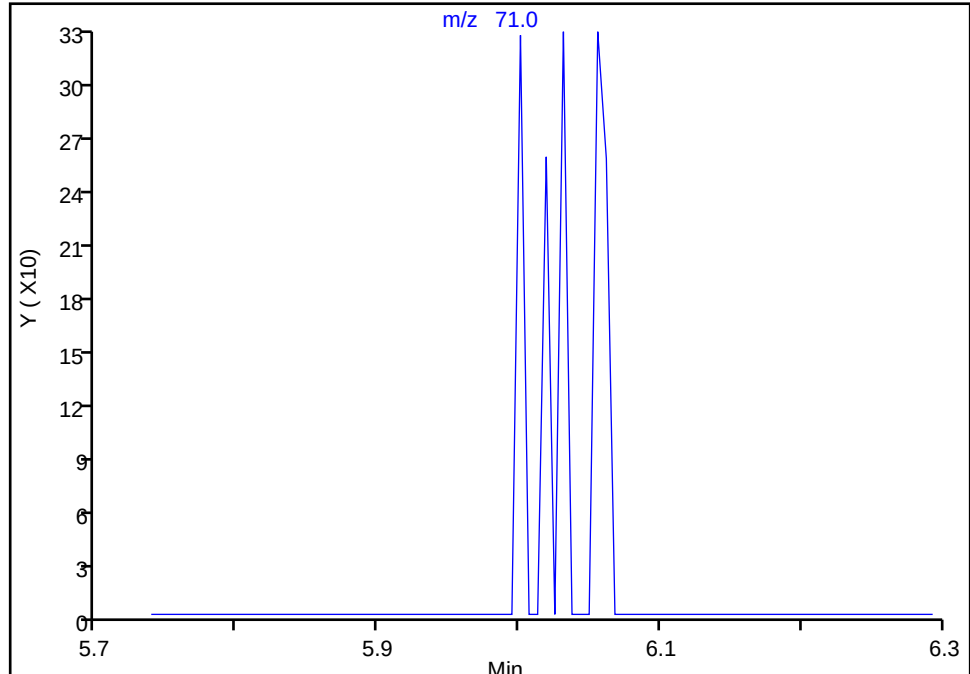
Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X13.D
Injection Date: 18-Aug-2025 20:14:30 Instrument ID: 19930
Lims ID: IC std2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 27
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

47 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

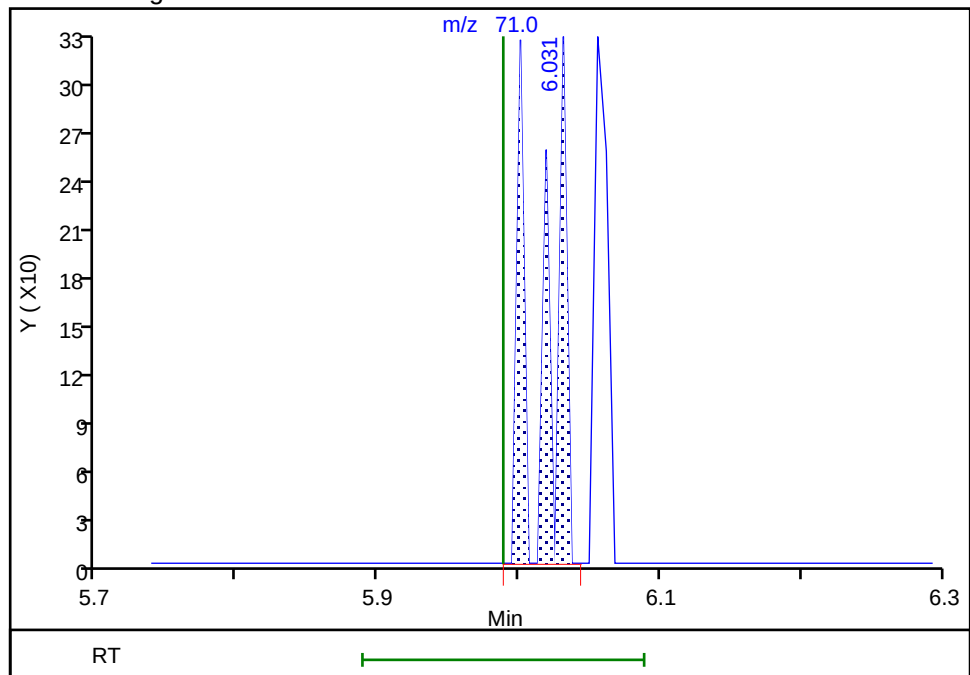
Not Detected
Expected RT: 5.99

Processing Integration Results



RT: 6.03
Area: 331
Amount: 0.093643
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:16:59 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

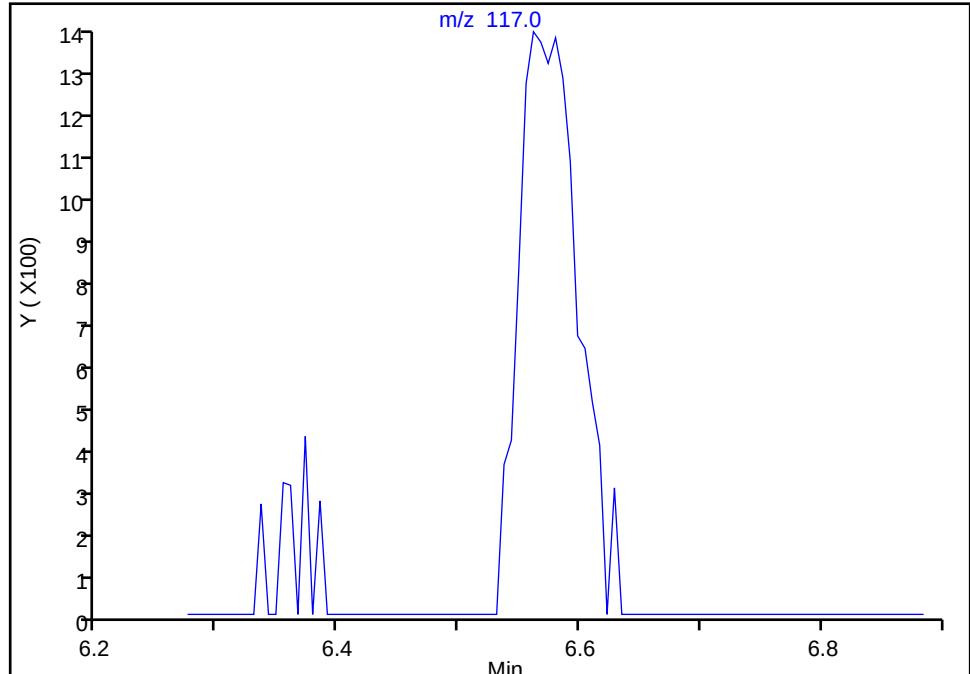
Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X13.D
Injection Date: 18-Aug-2025 20:14:30 Instrument ID: 19930
Lims ID: IC std2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 27
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

54 Carbon tetrachloride, CAS: 56-23-5

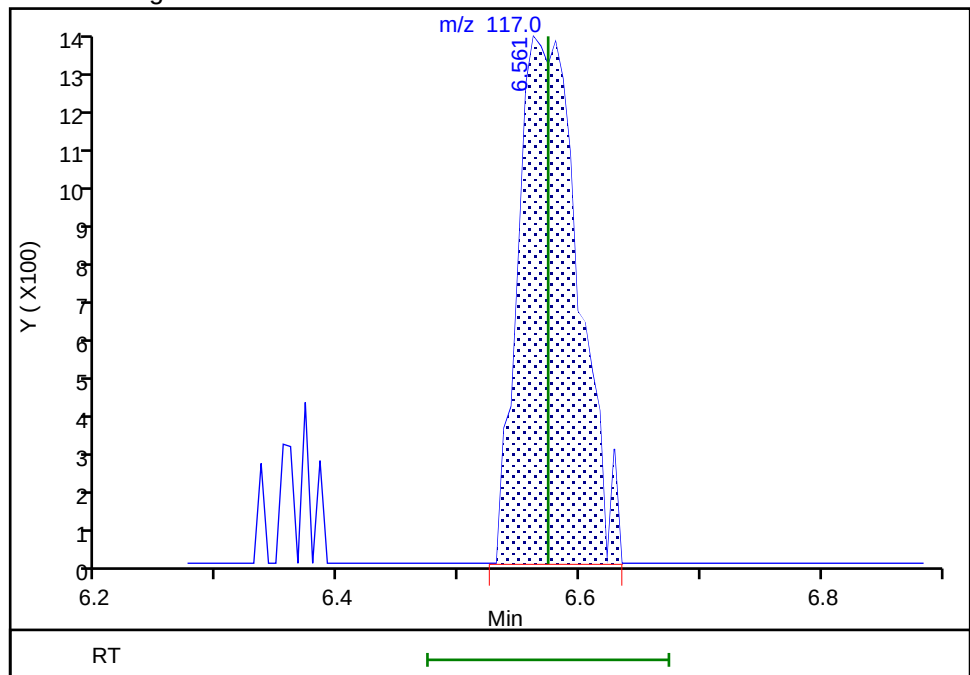
Signal: 1

Not Detected
Expected RT: 6.57

Processing Integration Results



Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:17:16 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

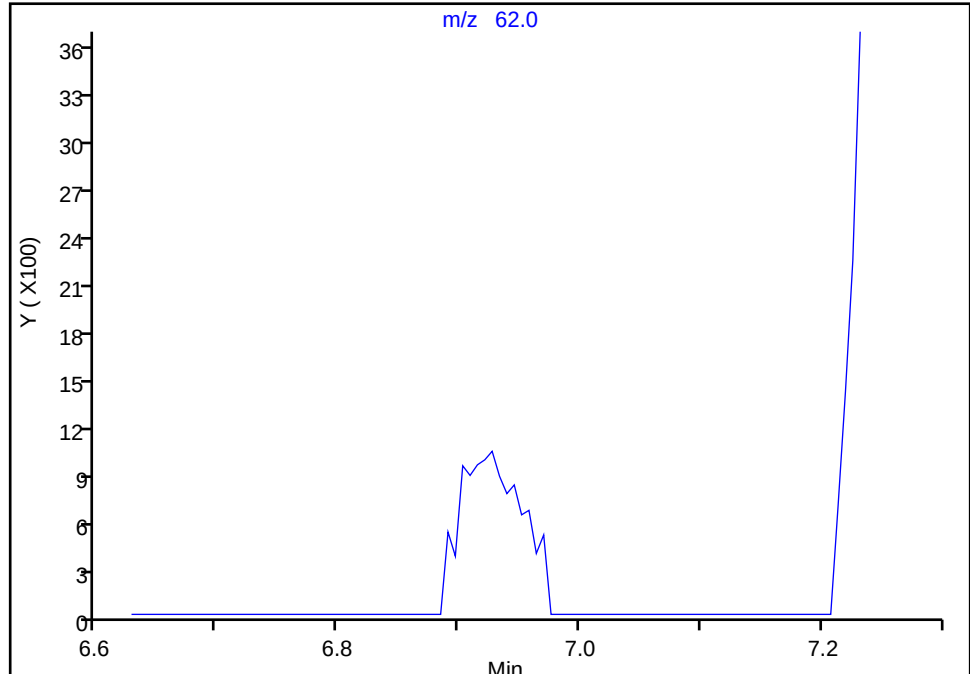
Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X13.D
Injection Date: 18-Aug-2025 20:14:30 Instrument ID: 19930
Lims ID: IC std2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 27
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

58 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

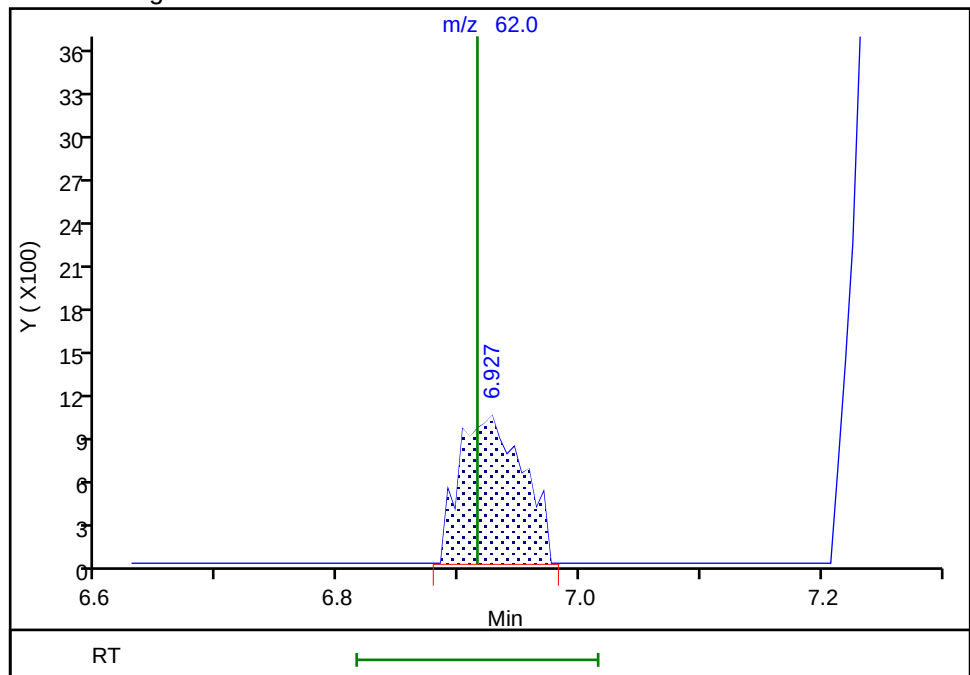
Not Detected
Expected RT: 6.92

Processing Integration Results



RT: 6.93
Area: 3702
Amount: 0.070246
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:17:26 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

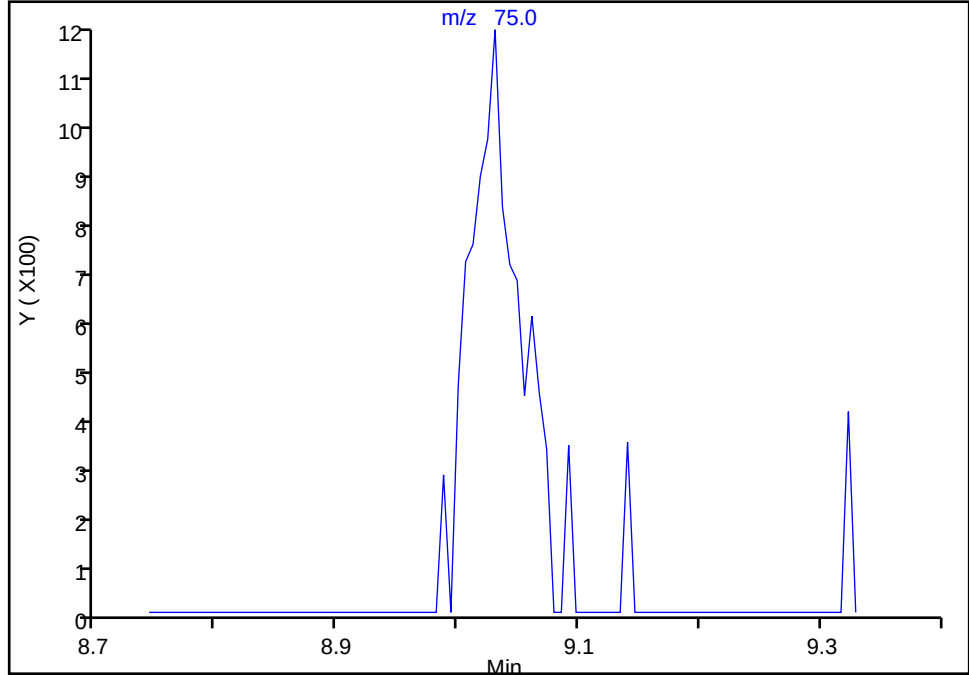
Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X13.D
Injection Date: 18-Aug-2025 20:14:30 Instrument ID: 19930
Lims ID: IC std2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 27
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

76 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

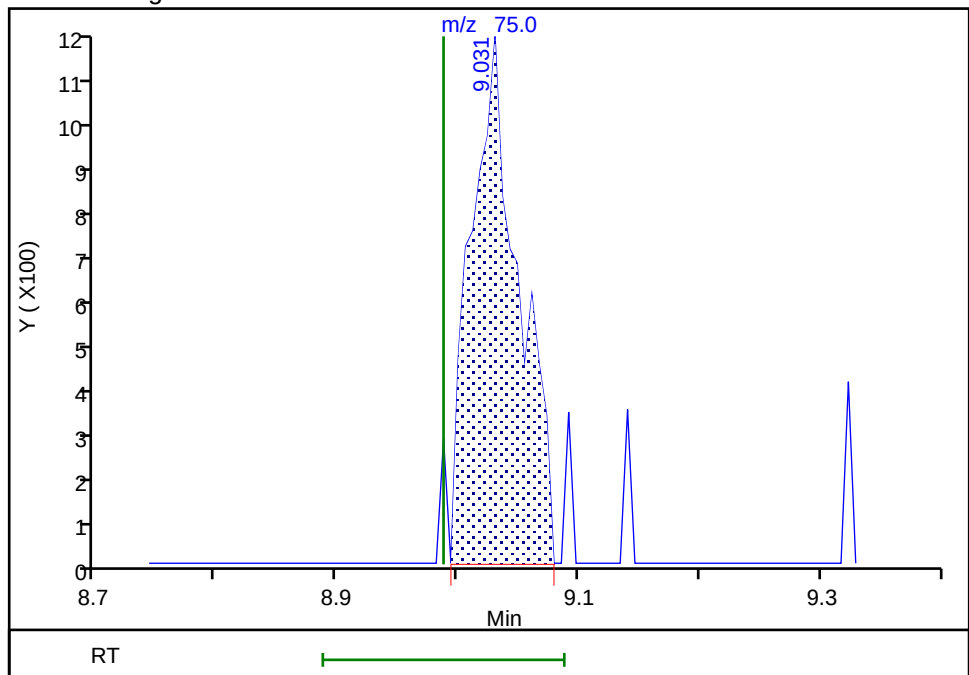
Not Detected
Expected RT: 8.99

Processing Integration Results



Manual Integration Results

RT: 9.03
Area: 3269
Amount: 0.047847
Amount Units: ug/l



Reviewer: N7YK, 20-Aug-2025 12:17:54 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

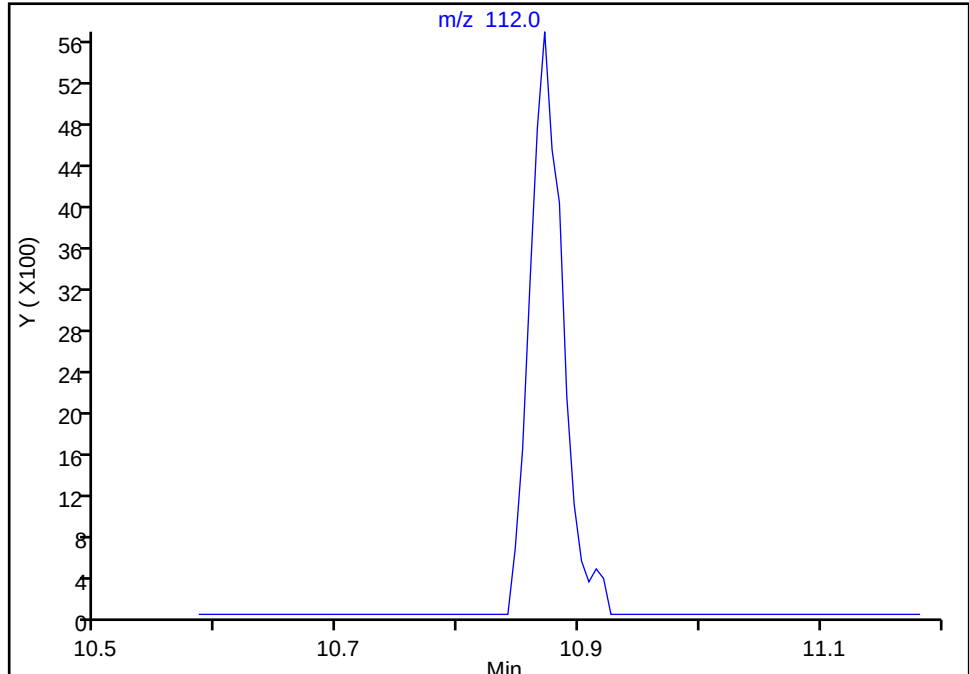
Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X13.D
Injection Date: 18-Aug-2025 20:14:30 Instrument ID: 19930
Lims ID: IC std2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 27
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

109 Chlorobenzene, CAS: 108-90-7

Signal: 1

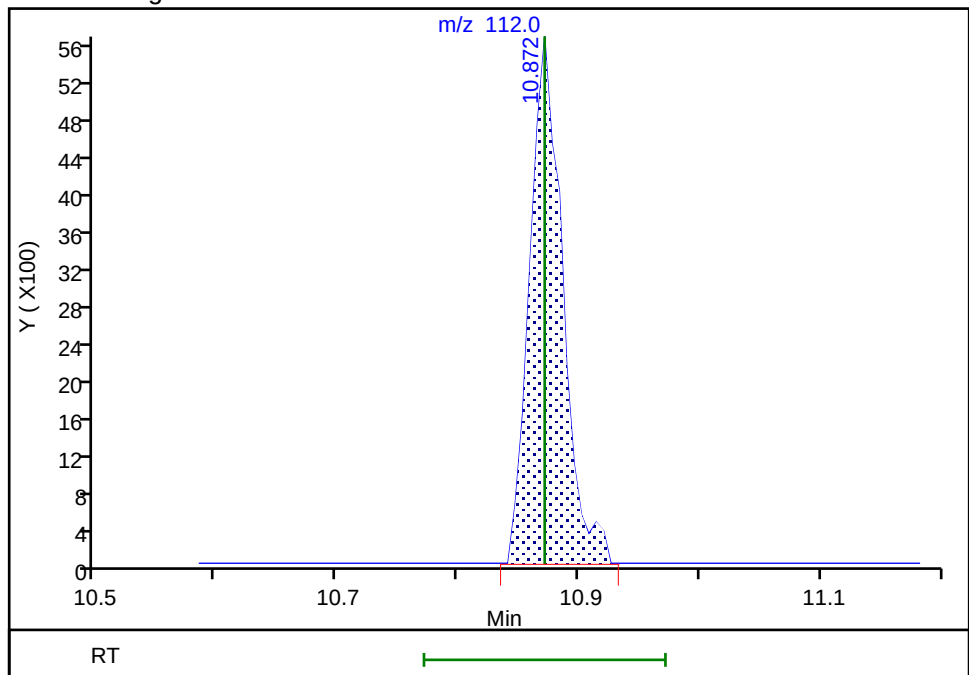
Not Detected
Expected RT: 10.87

Processing Integration Results



RT: 10.87
Area: 10632
Amount: 0.063887
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 12:18:21 -04:00:00 (UTC)

Audit Action: Manually Integrated

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

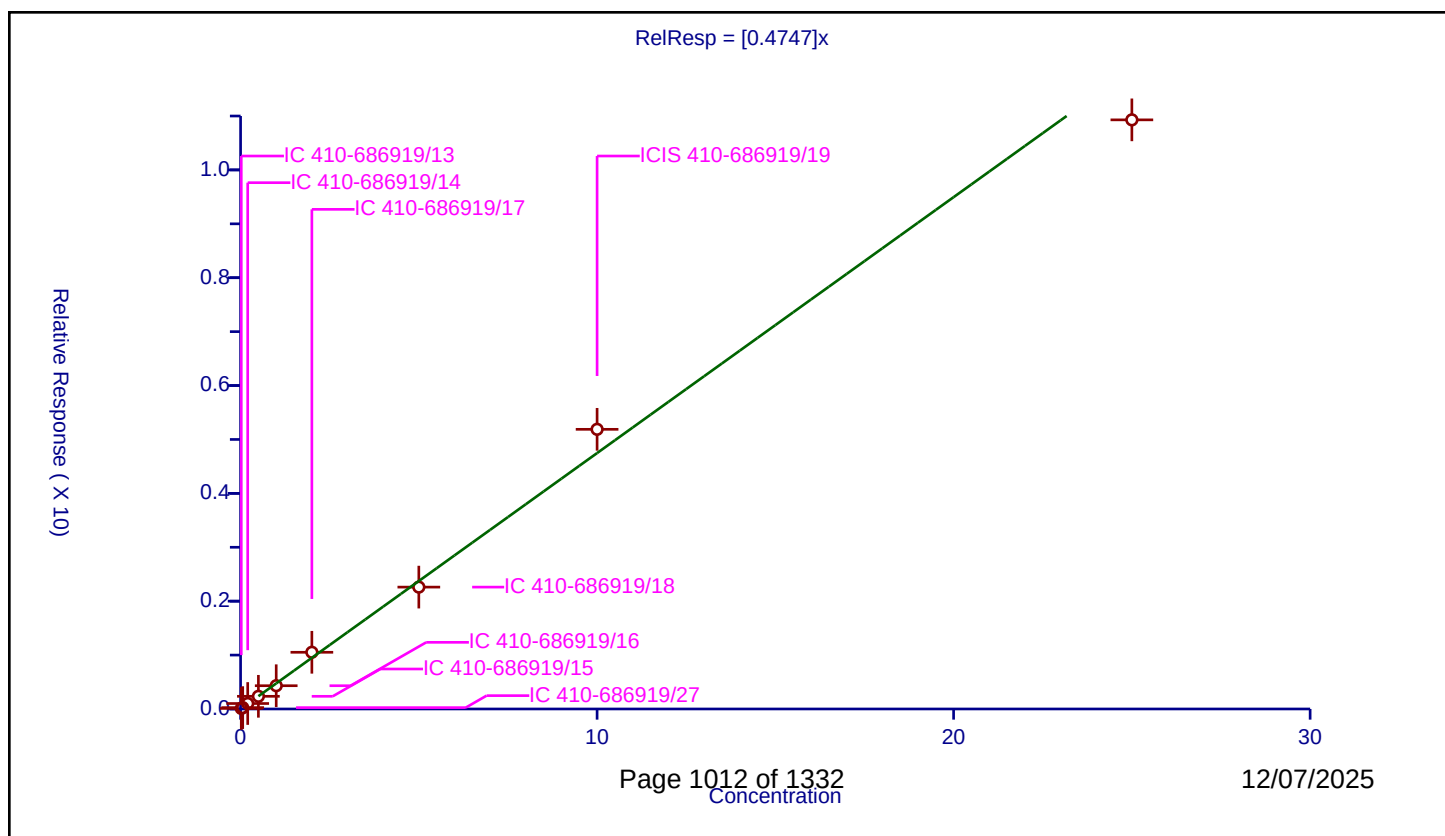
Curve Coefficients

Intercept: 0
Slope: 0.4747

Error Coefficients

Relative Standard Deviation: 8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.010027	10.0	1675538.0	0.501332	Y
2	IC 410-686919/27	0.06	0.025669	10.0	1502222.0	0.427811	Y
3	IC 410-686919/14	0.2	0.101445	10.0	1713039.0	0.507227	Y
4	IC 410-686919/15	0.5	0.235265	10.0	1592165.0	0.470529	Y
5	IC 410-686919/16	1.0	0.431605	10.0	1794141.0	0.431605	Y
6	IC 410-686919/17	2.0	1.052027	10.0	1530949.0	0.526014	Y
7	IC 410-686919/18	5.0	2.261147	10.0	1717699.0	0.452229	Y
8	ICIS 410-686919/19	10.0	5.18804	10.0	1473759.0	0.518804	Y
9	IC 410-686919/20	25.0	10.92879	10.0	1676902.0	0.437152	Y



Calibration

/ Chloromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

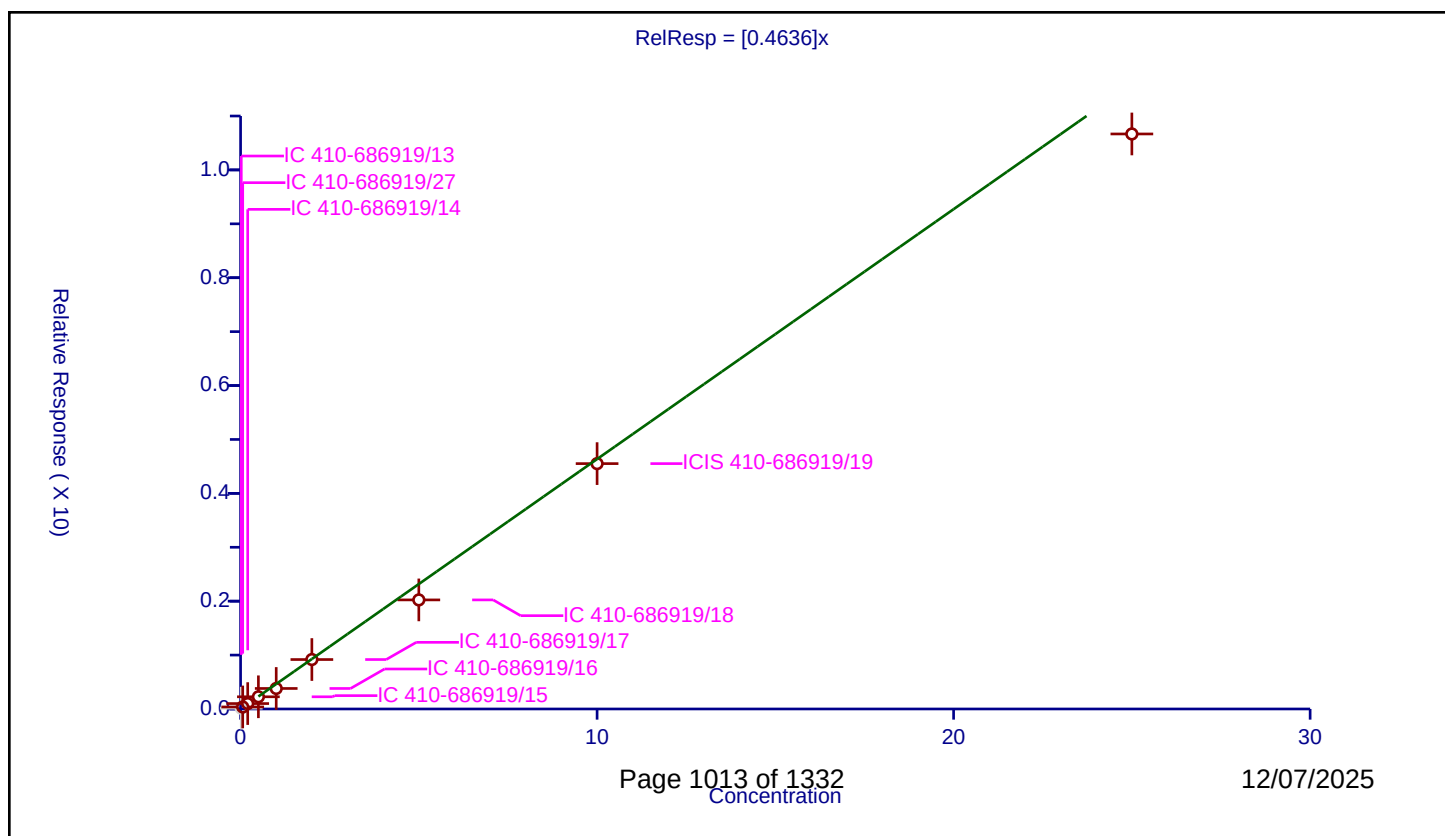
Curve Coefficients

Intercept: 0
Slope: 0.4636

Error Coefficients

Relative Standard Deviation: 16.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.015171	10.0	1675538.0	0.758562	N
2	IC 410-686919/27	0.06	0.037684	10.0	1502222.0	0.62807	Y
3	IC 410-686919/14	0.2	0.100418	10.0	1713039.0	0.50209	Y
4	IC 410-686919/15	0.5	0.226346	10.0	1592165.0	0.452692	Y
5	IC 410-686919/16	1.0	0.380539	10.0	1794141.0	0.380539	Y
6	IC 410-686919/17	2.0	0.917418	10.0	1530949.0	0.458709	Y
7	IC 410-686919/18	5.0	2.023352	10.0	1717699.0	0.40467	Y
8	ICIS 410-686919/19	10.0	4.551762	10.0	1473759.0	0.455176	Y
9	IC 410-686919/20	25.0	10.66695	10.0	1676902.0	0.426678	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

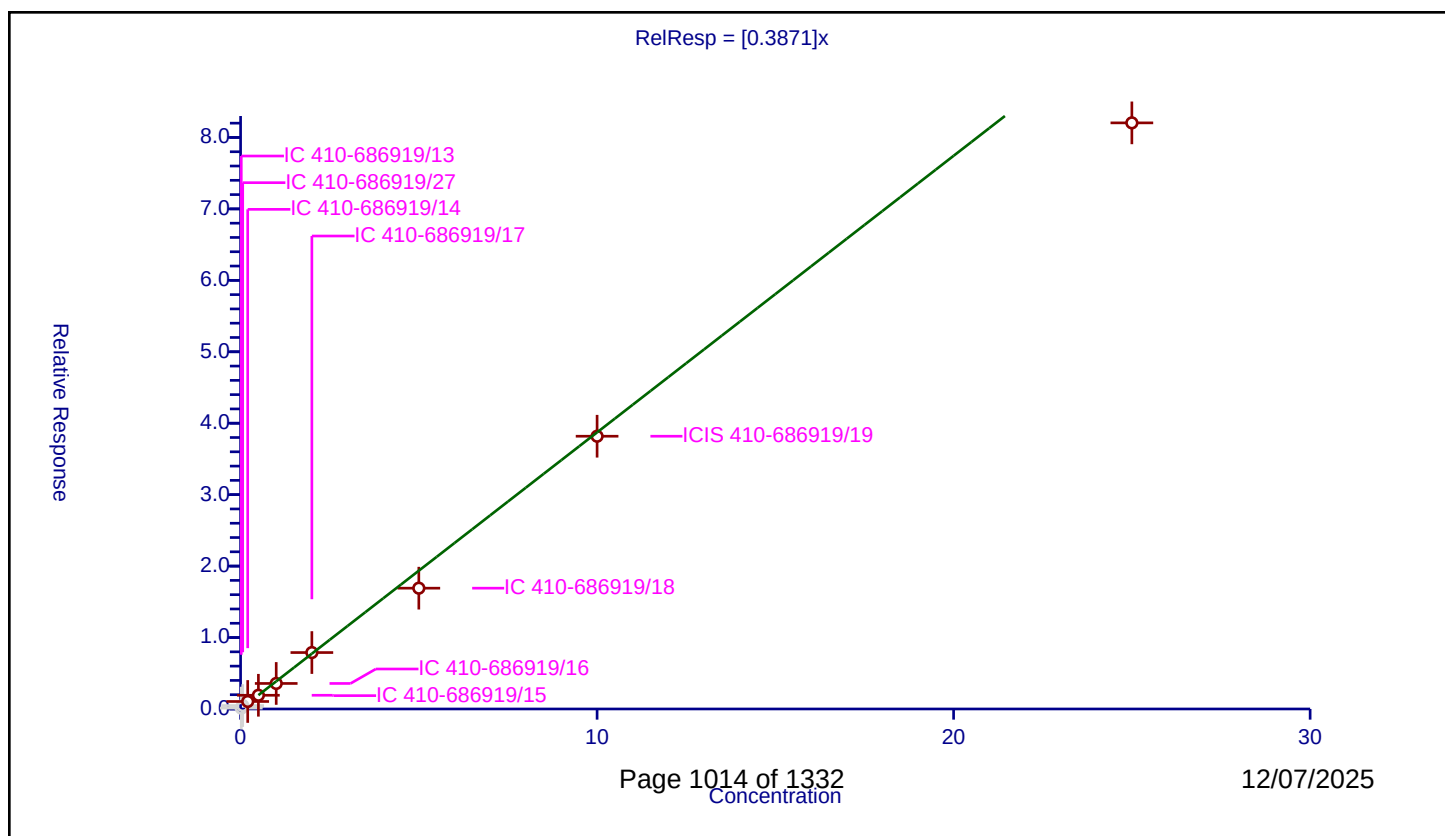
Curve Coefficients

Intercept: 0
Slope: 0.3871

Error Coefficients

Relative Standard Deviation: 17.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.012653	10.0	1675538.0	0.632633	N
2	IC 410-686919/27	0.06	0.047969	10.0	1502222.0	0.799482	N
3	IC 410-686919/14	0.2	0.105123	10.0	1713039.0	0.525616	Y
4	IC 410-686919/15	0.5	0.191959	10.0	1592165.0	0.383917	Y
5	IC 410-686919/16	1.0	0.357341	10.0	1794141.0	0.357341	Y
6	IC 410-686919/17	2.0	0.790007	10.0	1530949.0	0.395003	Y
7	IC 410-686919/18	5.0	1.691134	10.0	1717699.0	0.338227	Y
8	ICIS 410-686919/19	10.0	3.817795	10.0	1473759.0	0.38178	Y
9	IC 410-686919/20	25.0	8.203986	10.0	1676902.0	0.328159	Y



Calibration

/ Vinyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

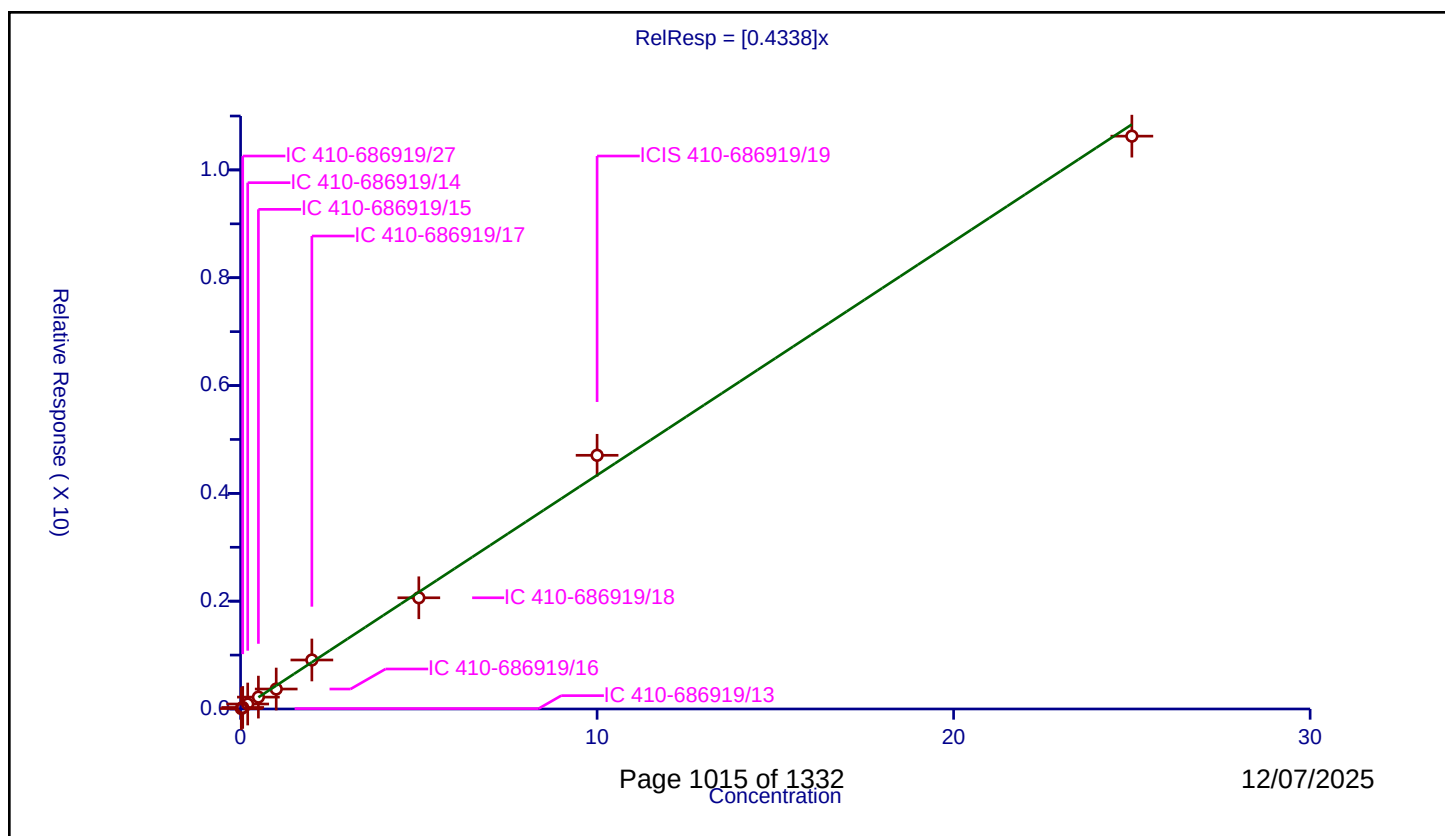
Curve Coefficients

Intercept: 0
Slope: 0.4338

Error Coefficients

Relative Standard Deviation: 8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.00789	10.0	1675538.0	0.3945	Y
2	IC 410-686919/27	0.06	0.028438	10.0	1502222.0	0.473965	Y
3	IC 410-686919/14	0.2	0.092245	10.0	1713039.0	0.461227	Y
4	IC 410-686919/15	0.5	0.220555	10.0	1592165.0	0.44111	Y
5	IC 410-686919/16	1.0	0.370222	10.0	1794141.0	0.370222	Y
6	IC 410-686919/17	2.0	0.909142	10.0	1530949.0	0.454571	Y
7	IC 410-686919/18	5.0	2.062946	10.0	1717699.0	0.412589	Y
8	ICIS 410-686919/19	10.0	4.705987	10.0	1473759.0	0.470599	Y
9	IC 410-686919/20	25.0	10.62662	10.0	1676902.0	0.425065	Y



Calibration

/ Bromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

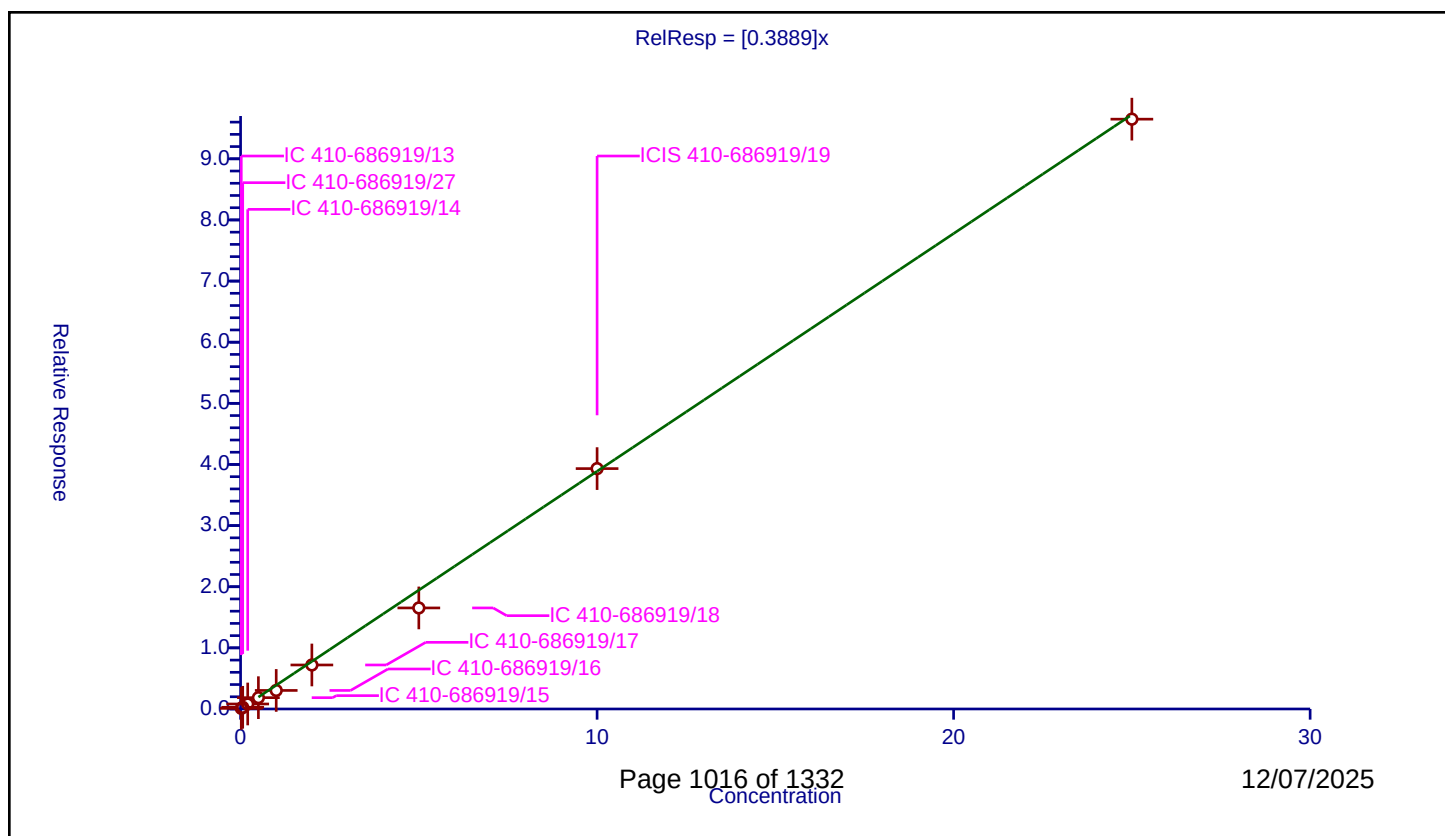
Curve Coefficients

Intercept: 0
Slope: 0.3889

Error Coefficients

Relative Standard Deviation: 14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.009633	10.0	1675538.0	0.481636	Y
2	IC 410-686919/27	0.06	0.027892	10.0	1502222.0	0.464867	Y
3	IC 410-686919/14	0.2	0.081866	10.0	1713039.0	0.409331	Y
4	IC 410-686919/15	0.5	0.185326	10.0	1592165.0	0.370653	Y
5	IC 410-686919/16	1.0	0.303493	10.0	1794141.0	0.303493	Y
6	IC 410-686919/17	2.0	0.719926	10.0	1530949.0	0.359963	Y
7	IC 410-686919/18	5.0	1.653177	10.0	1717699.0	0.330635	Y
8	ICIS 410-686919/19	10.0	3.9324	10.0	1473759.0	0.39324	Y
9	IC 410-686919/20	25.0	9.648316	10.0	1676902.0	0.385933	Y



Calibration

/ Chloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

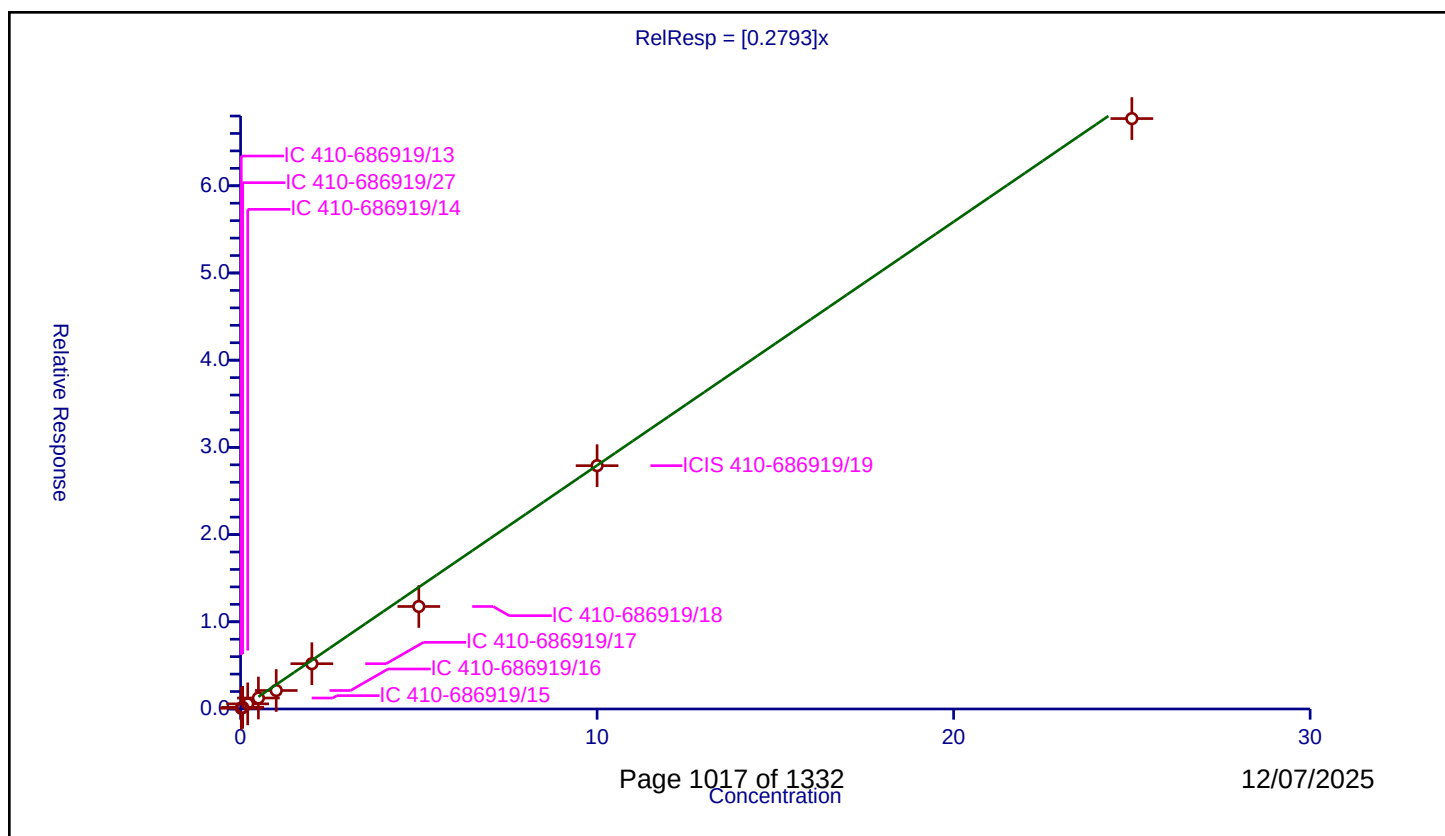
Curve Coefficients

Intercept: 0
Slope: 0.2793

Error Coefficients

Relative Standard Deviation: 19.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.00798	10.0	1675538.0	0.398976	Y
2	IC 410-686919/27	0.06	0.018786	10.0	1502222.0	0.313092	Y
3	IC 410-686919/14	0.2	0.058773	10.0	1713039.0	0.293864	Y
4	IC 410-686919/15	0.5	0.125734	10.0	1592165.0	0.251469	Y
5	IC 410-686919/16	1.0	0.212185	10.0	1794141.0	0.212185	Y
6	IC 410-686919/17	2.0	0.519253	10.0	1530949.0	0.259627	Y
7	IC 410-686919/18	5.0	1.175404	10.0	1717699.0	0.235081	Y
8	ICIS 410-686919/19	10.0	2.790178	10.0	1473759.0	0.279018	Y
9	IC 410-686919/20	25.0	6.770724	10.0	1676902.0	0.270829	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

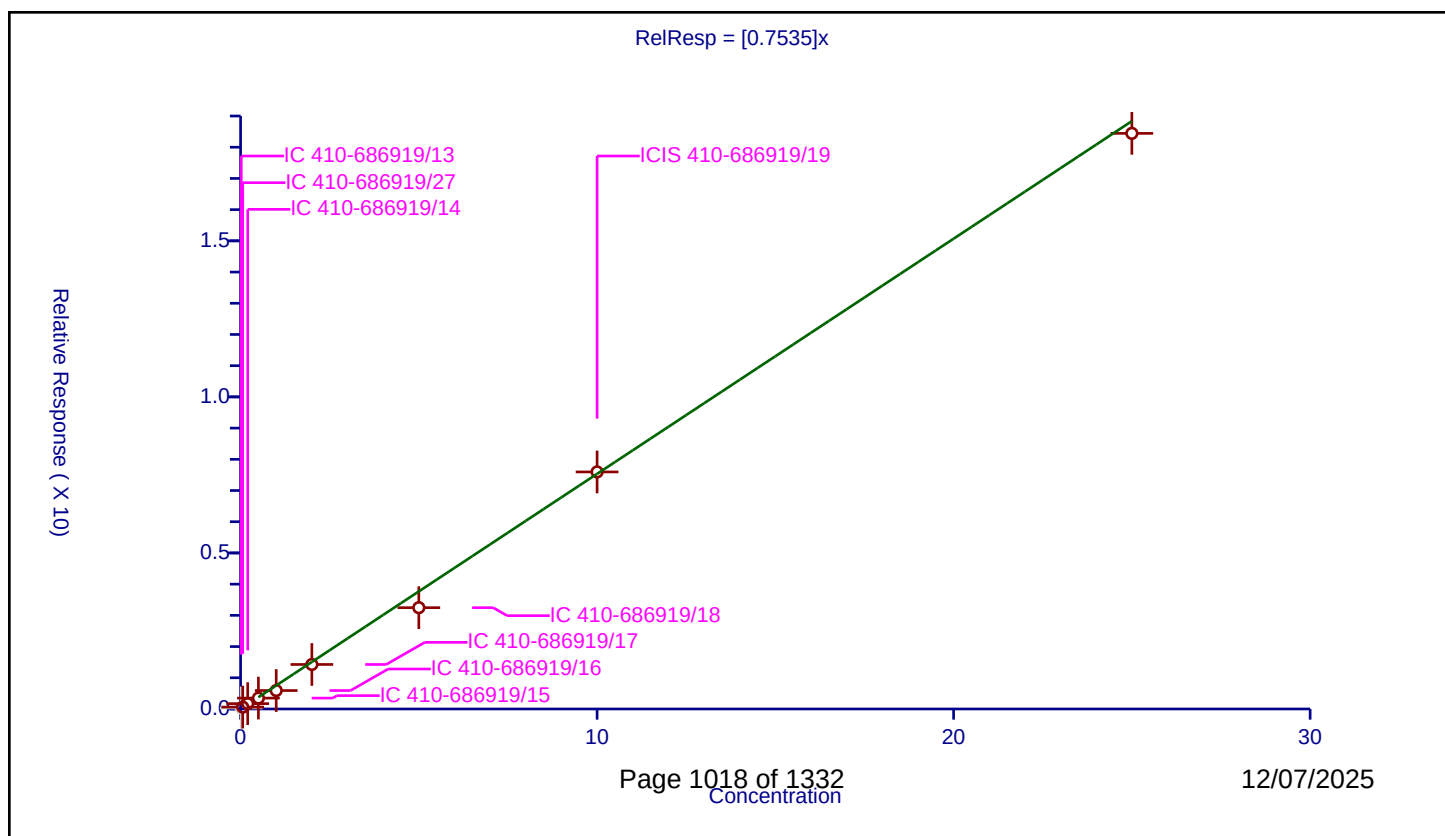
Curve Coefficients

Intercept: 0
Slope: 0.7535

Error Coefficients

Relative Standard Deviation: 17.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.033798	10.0	1675538.0	1.689905	N
2	IC 410-686919/27	0.06	0.061223	10.0	1502222.0	1.020377	Y
3	IC 410-686919/14	0.2	0.171695	10.0	1713039.0	0.858474	Y
4	IC 410-686919/15	0.5	0.348846	10.0	1592165.0	0.697692	Y
5	IC 410-686919/16	1.0	0.591269	10.0	1794141.0	0.591269	Y
6	IC 410-686919/17	2.0	1.426514	10.0	1530949.0	0.713257	Y
7	IC 410-686919/18	5.0	3.246133	10.0	1717699.0	0.649227	Y
8	ICIS 410-686919/19	10.0	7.595774	10.0	1473759.0	0.759577	Y
9	IC 410-686919/20	25.0	18.443886	10.0	1676902.0	0.737755	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

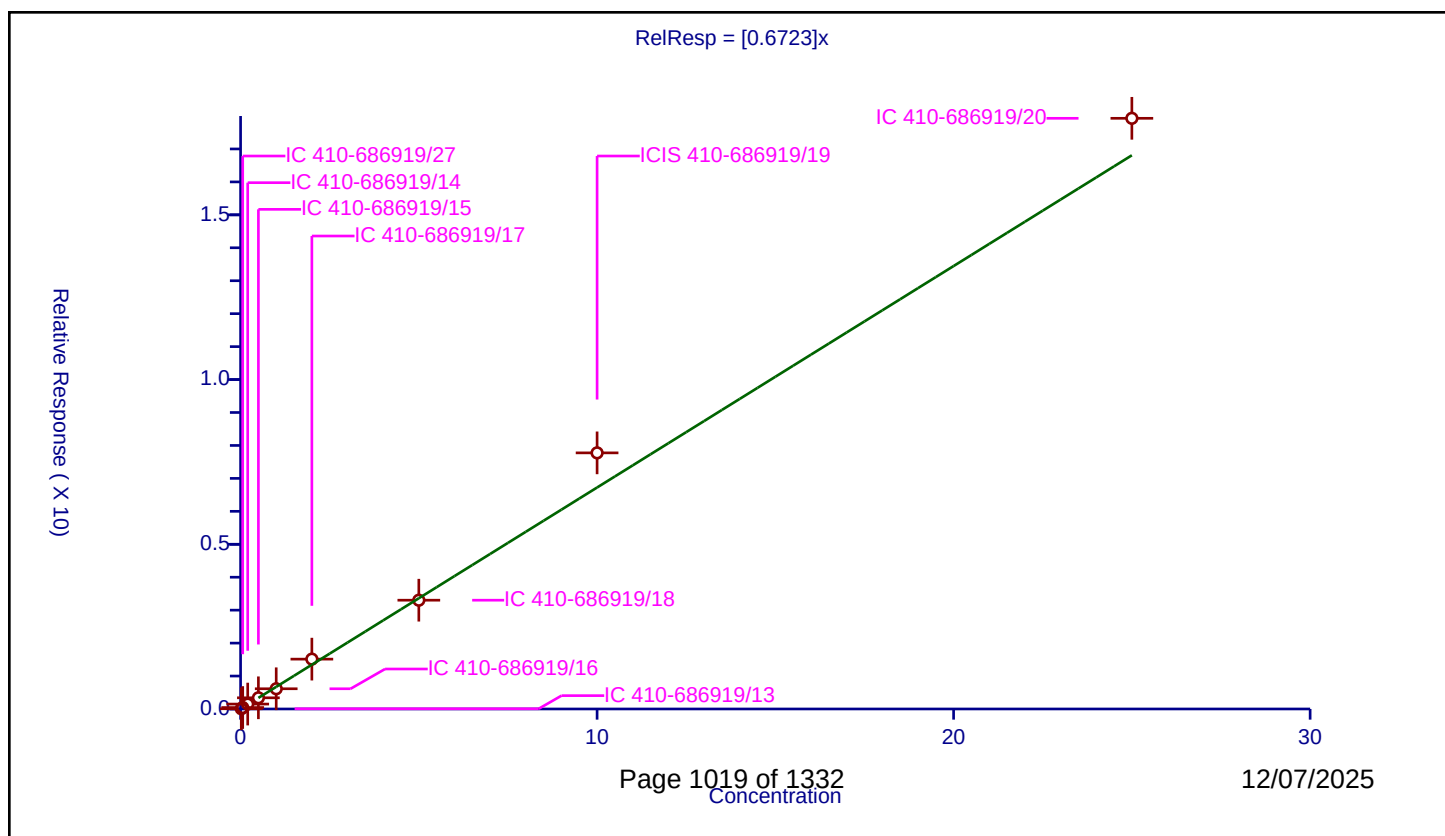
Curve Coefficients

Intercept: 0
Slope: 0.6723

Error Coefficients

Relative Standard Deviation: 18.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.007245	10.0	1675538.0	0.362272	Y
2	IC 410-686919/27	0.06	0.044068	10.0	1502222.0	0.734468	Y
3	IC 410-686919/14	0.2	0.149699	10.0	1713039.0	0.748494	Y
4	IC 410-686919/15	0.5	0.339889	10.0	1592165.0	0.679779	Y
5	IC 410-686919/16	1.0	0.613809	10.0	1794141.0	0.613809	Y
6	IC 410-686919/17	2.0	1.51363	10.0	1530949.0	0.756815	Y
7	IC 410-686919/18	5.0	3.30197	10.0	1717699.0	0.660394	Y
8	ICIS 410-686919/19	10.0	7.774745	10.0	1473759.0	0.777474	Y
9	IC 410-686919/20	25.0	17.930368	10.0	1676902.0	0.717215	Y



Calibration

/ Ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

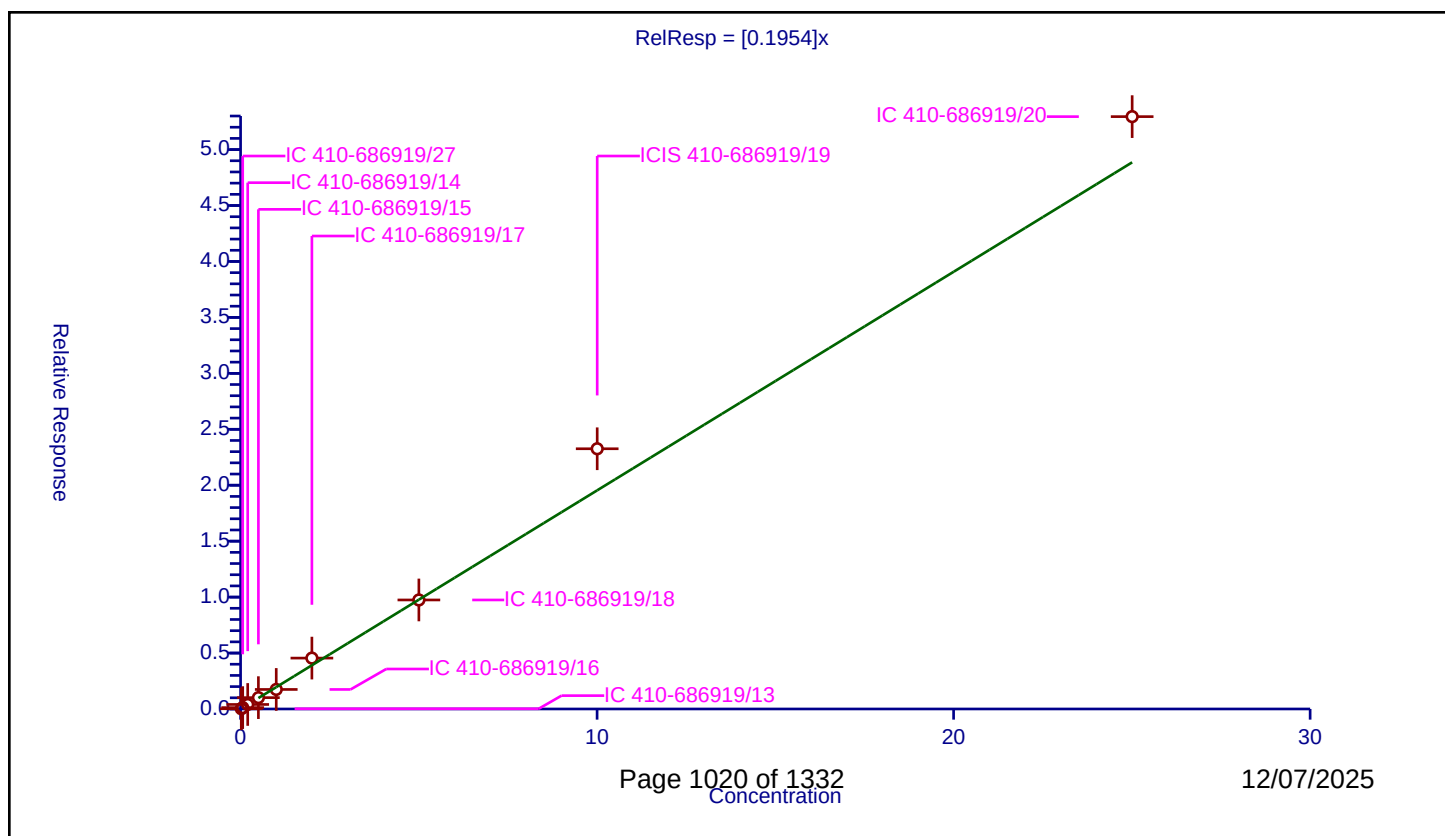
Curve Coefficients

Intercept: 0
Slope: 0.1954

Error Coefficients

Relative Standard Deviation: 19.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.020007	0.002137	10.0	1675538.0	0.106796	Y
2	IC 410-686919/27	0.06002	0.012388	10.0	1502222.0	0.206403	Y
3	IC 410-686919/14	0.200066	0.040326	10.0	1713039.0	0.201563	Y
4	IC 410-686919/15	0.500166	0.101334	10.0	1592165.0	0.2026	Y
5	IC 410-686919/16	1.000332	0.174702	10.0	1794141.0	0.174644	Y
6	IC 410-686919/17	2.000664	0.454803	10.0	1530949.0	0.227326	Y
7	IC 410-686919/18	5.00166	0.974449	10.0	1717699.0	0.194825	Y
8	ICIS 410-686919/19	10.00332	2.325882	10.0	1473759.0	0.232511	Y
9	IC 410-686919/20	25.0083	5.294603	10.0	1676902.0	0.211714	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

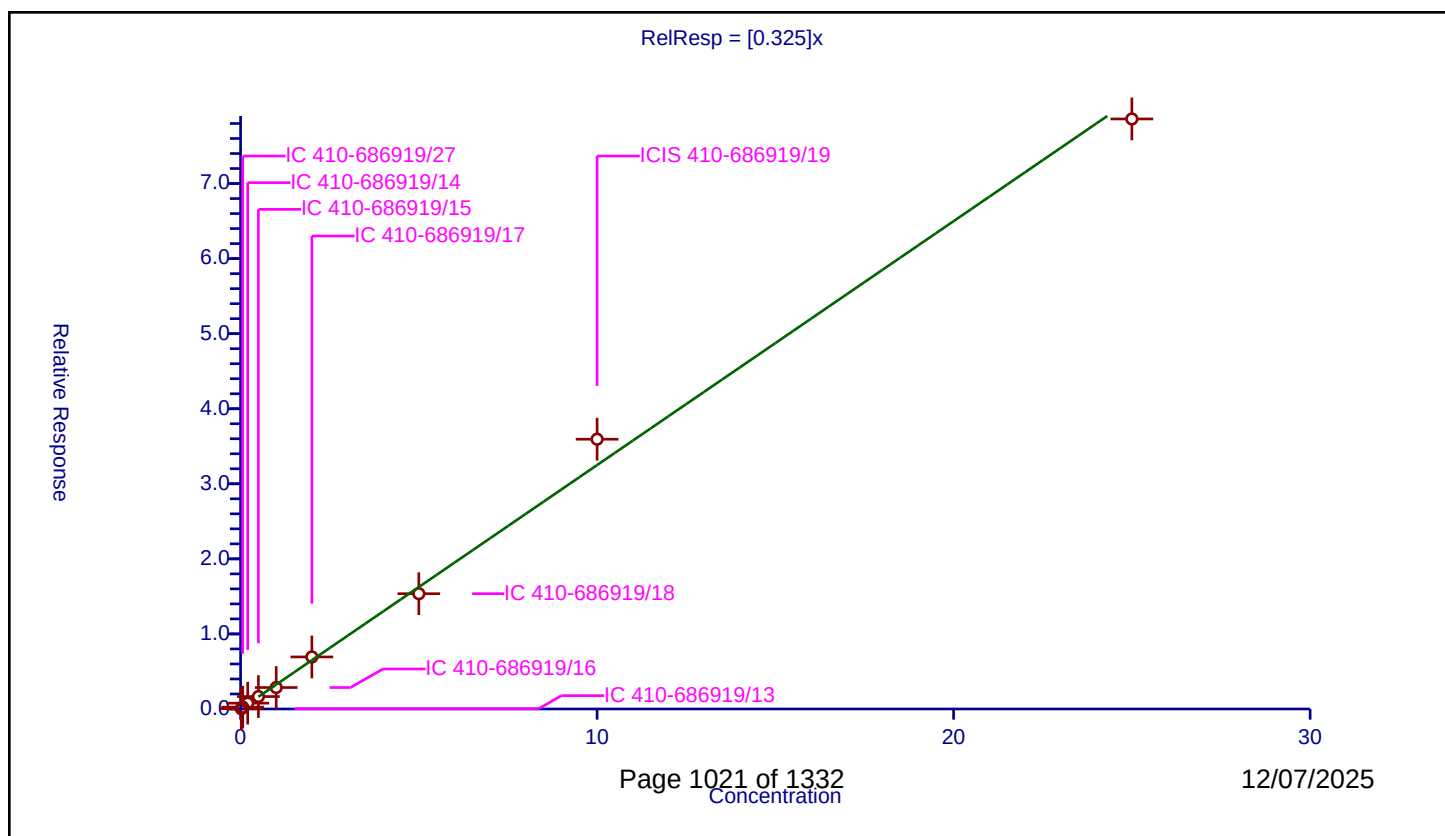
Curve Coefficients

Intercept: 0
Slope: 0.325

Error Coefficients

Relative Standard Deviation: 20.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.003664	10.0	1675538.0	0.183225	Y
2	IC 410-686919/27	0.06	0.024524	10.0	1502222.0	0.408728	Y
3	IC 410-686919/14	0.2	0.077546	10.0	1713039.0	0.387732	Y
4	IC 410-686919/15	0.5	0.165592	10.0	1592165.0	0.331184	Y
5	IC 410-686919/16	1.0	0.285964	10.0	1794141.0	0.285964	Y
6	IC 410-686919/17	2.0	0.69338	10.0	1530949.0	0.34669	Y
7	IC 410-686919/18	5.0	1.536078	10.0	1717699.0	0.307216	Y
8	ICIS 410-686919/19	10.0	3.594272	10.0	1473759.0	0.359427	Y
9	IC 410-686919/20	25.0	7.860942	10.0	1676902.0	0.314438	Y



Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

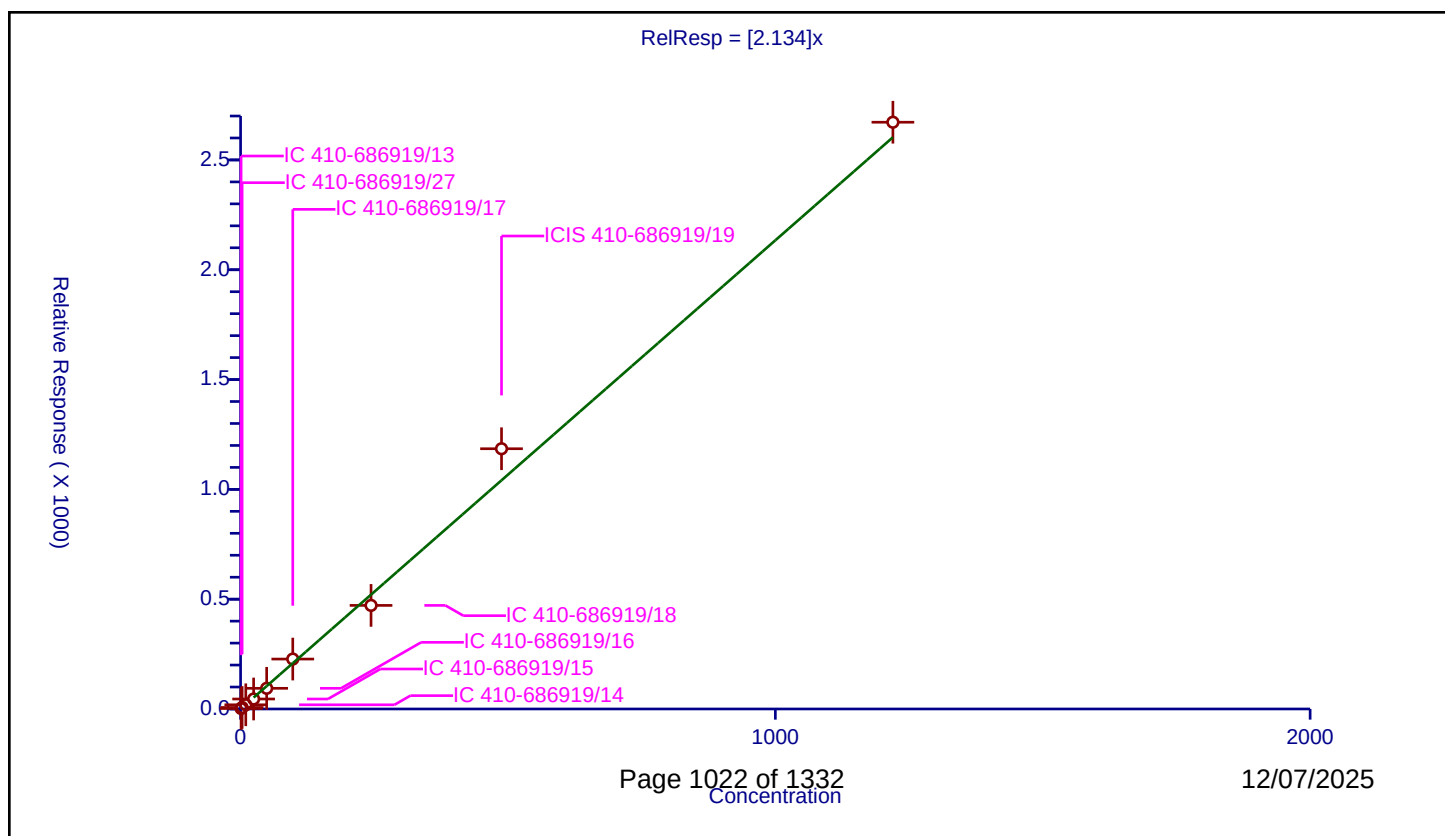
Curve Coefficients

Intercept: 0
Slope: 2.134

Error Coefficients

Relative Standard Deviation: 10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.975883	2.176003	50.0	142532.0	2.229778	Y
2	IC 410-686919/27	2.92765	6.861474	50.0	117227.0	2.34368	Y
3	IC 410-686919/14	9.758832	19.110538	50.0	150383.0	1.958281	Y
4	IC 410-686919/15	24.397081	45.412844	50.0	133634.0	1.861405	Y
5	IC 410-686919/16	48.794162	94.199154	50.0	144160.0	1.930541	Y
6	IC 410-686919/17	97.588324	227.396801	50.0	122361.0	2.330164	Y
7	IC 410-686919/18	243.97081	471.675379	50.0	141174.0	1.933327	Y
8	ICIS 410-686919/19	487.941621	1185.031034	50.0	123412.0	2.428633	Y
9	IC 410-686919/20	1219.854051	2671.758471	50.0	148032.0	2.190228	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

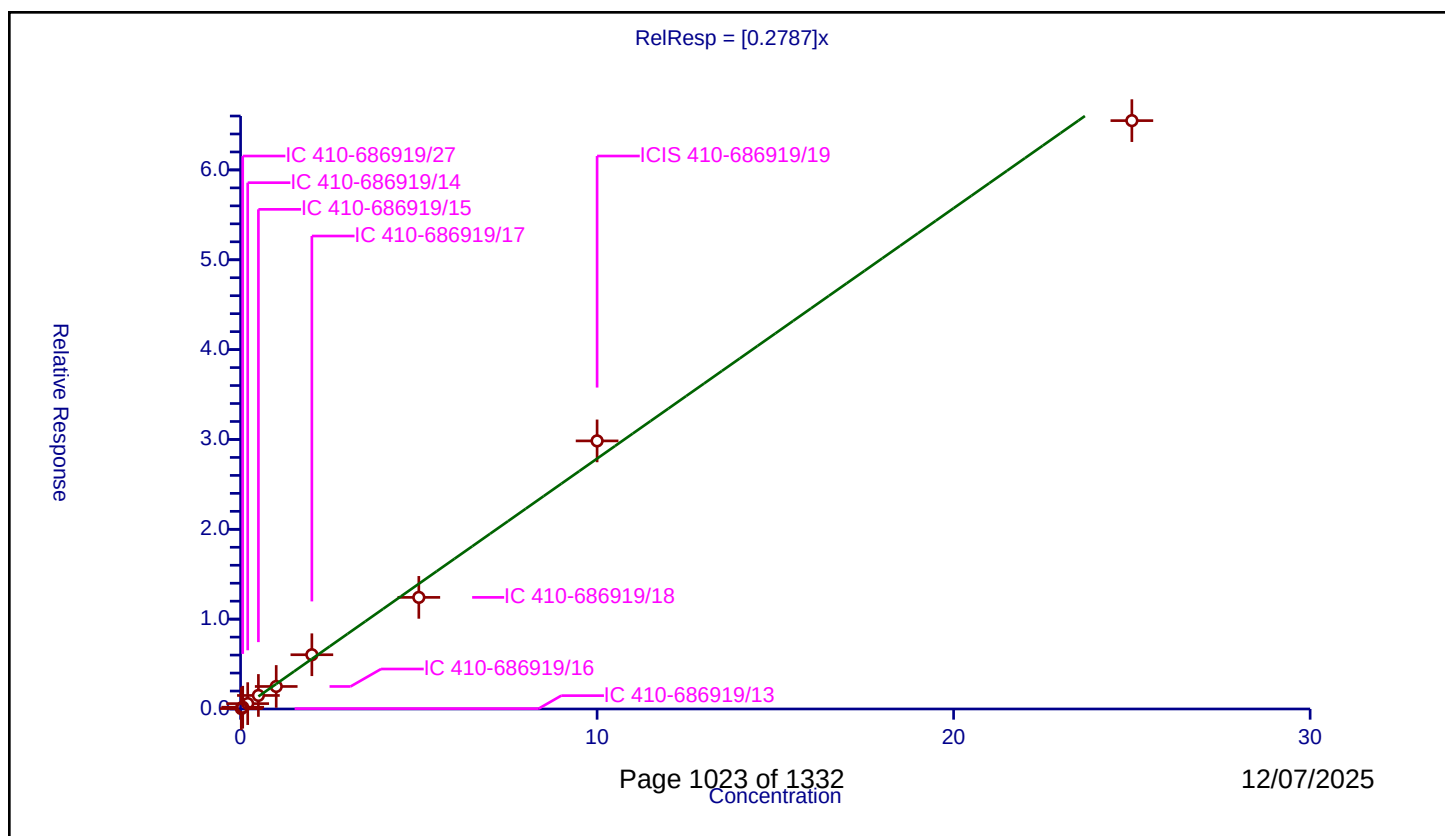
Curve Coefficients

Intercept: 0
Slope: 0.2787

Error Coefficients

Relative Standard Deviation: 12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.004351	10.0	1675538.0	0.217542	Y
2	IC 410-686919/27	0.06	0.019731	10.0	1502222.0	0.328846	Y
3	IC 410-686919/14	0.2	0.059829	10.0	1713039.0	0.299147	Y
4	IC 410-686919/15	0.5	0.15065	10.0	1592165.0	0.3013	Y
5	IC 410-686919/16	1.0	0.250588	10.0	1794141.0	0.250588	Y
6	IC 410-686919/17	2.0	0.603815	10.0	1530949.0	0.301908	Y
7	IC 410-686919/18	5.0	1.242156	10.0	1717699.0	0.248431	Y
8	ICIS 410-686919/19	10.0	2.983989	10.0	1473759.0	0.298399	Y
9	IC 410-686919/20	25.0	6.548588	10.0	1676902.0	0.261944	Y



Calibration

/ Acetone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

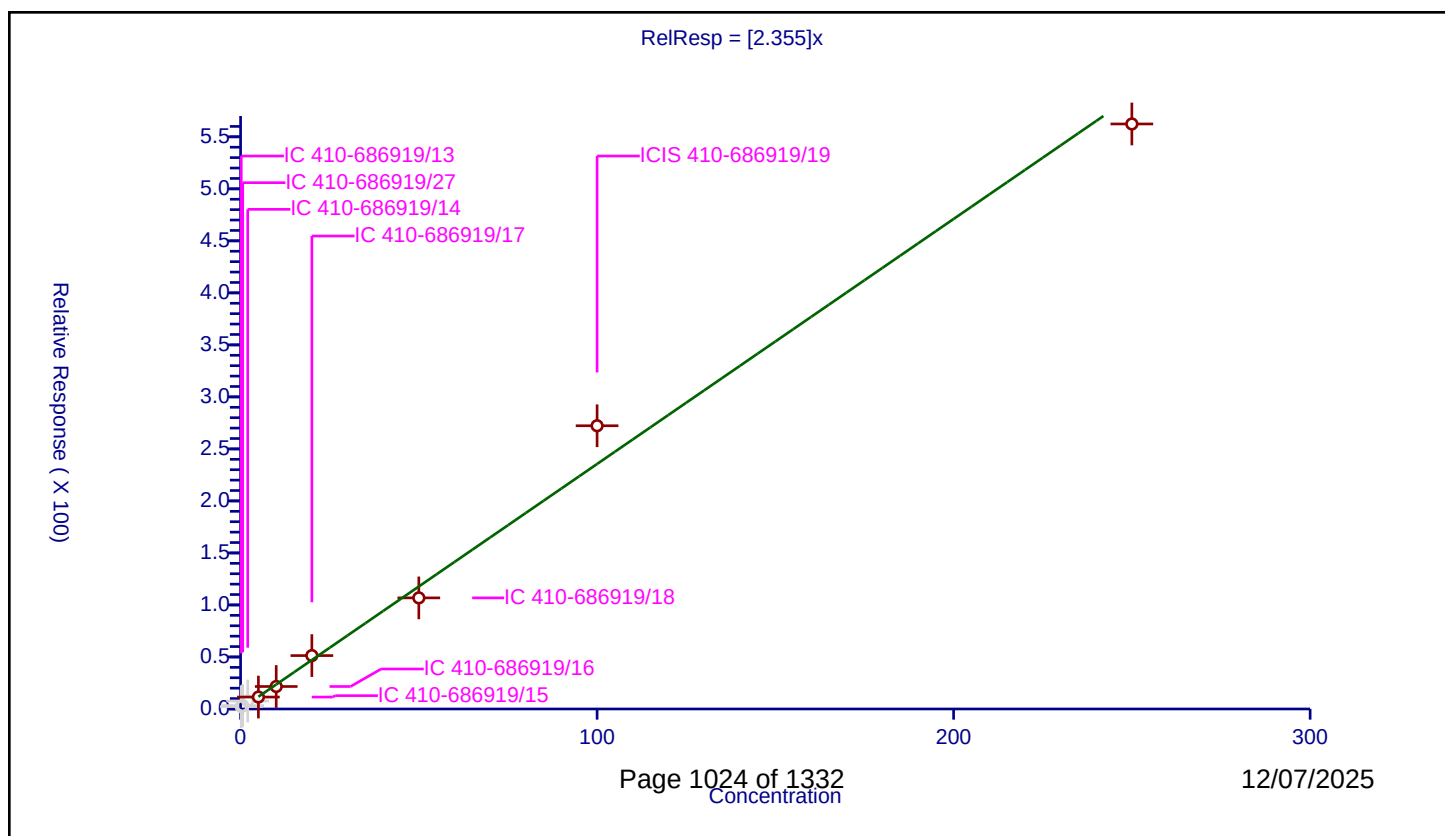
Curve Coefficients

Intercept: 0
Slope: 2.355

Error Coefficients

Relative Standard Deviation: 10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.2	2.294572	50.0	142532.0	11.472862	N
2	IC 410-686919/27	0.6	3.295316	50.0	117227.0	5.492193	N
3	IC 410-686919/14	2.0	7.648138	50.0	150383.0	3.824069	N
4	IC 410-686919/15	5.0	11.471257	50.0	133634.0	2.294251	Y
5	IC 410-686919/16	10.0	21.618688	50.0	144160.0	2.161869	Y
6	IC 410-686919/17	20.0	51.333758	50.0	122361.0	2.566688	Y
7	IC 410-686919/18	50.0	106.794452	50.0	141174.0	2.135889	Y
8	ICIS 410-686919/19	100.0	272.261206	50.0	123412.0	2.722612	Y
9	IC 410-686919/20	250.0	562.368609	50.0	148032.0	2.249474	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

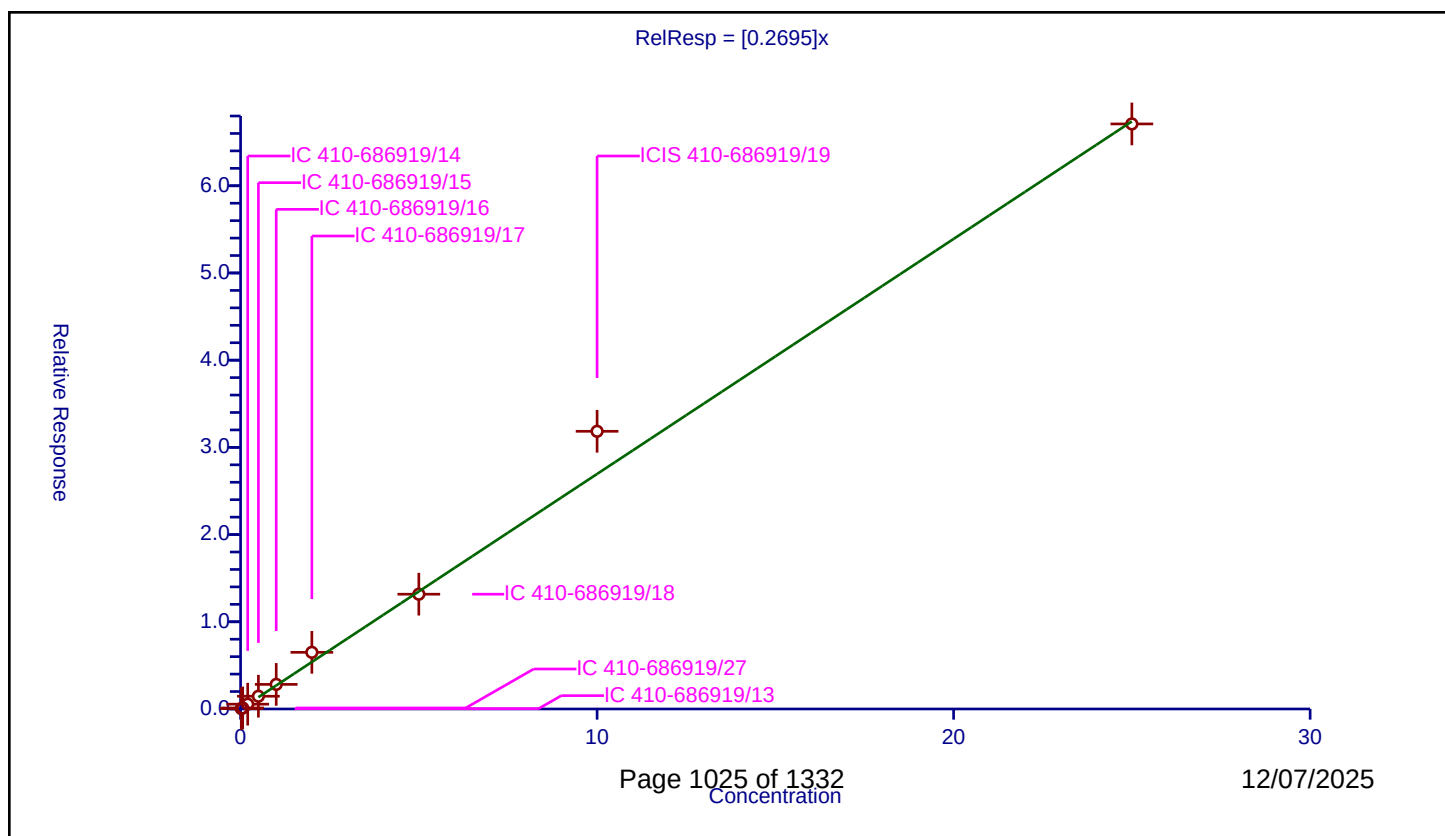
Curve Coefficients

Intercept: 0
Slope: 0.2695

Error Coefficients

Relative Standard Deviation: 16.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.004118	10.0	1675538.0	0.205904	Y
2	IC 410-686919/27	0.06	0.011669	10.0	1502222.0	0.19449	Y
3	IC 410-686919/14	0.2	0.055136	10.0	1713039.0	0.27568	Y
4	IC 410-686919/15	0.5	0.14631	10.0	1592165.0	0.29262	Y
5	IC 410-686919/16	1.0	0.282157	10.0	1794141.0	0.282157	Y
6	IC 410-686919/17	2.0	0.649636	10.0	1530949.0	0.324818	Y
7	IC 410-686919/18	5.0	1.316203	10.0	1717699.0	0.263241	Y
8	ICIS 410-686919/19	10.0	3.184401	10.0	1473759.0	0.31844	Y
9	IC 410-686919/20	25.0	6.709038	10.0	1676902.0	0.268362	Y



Calibration

/ Iodomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

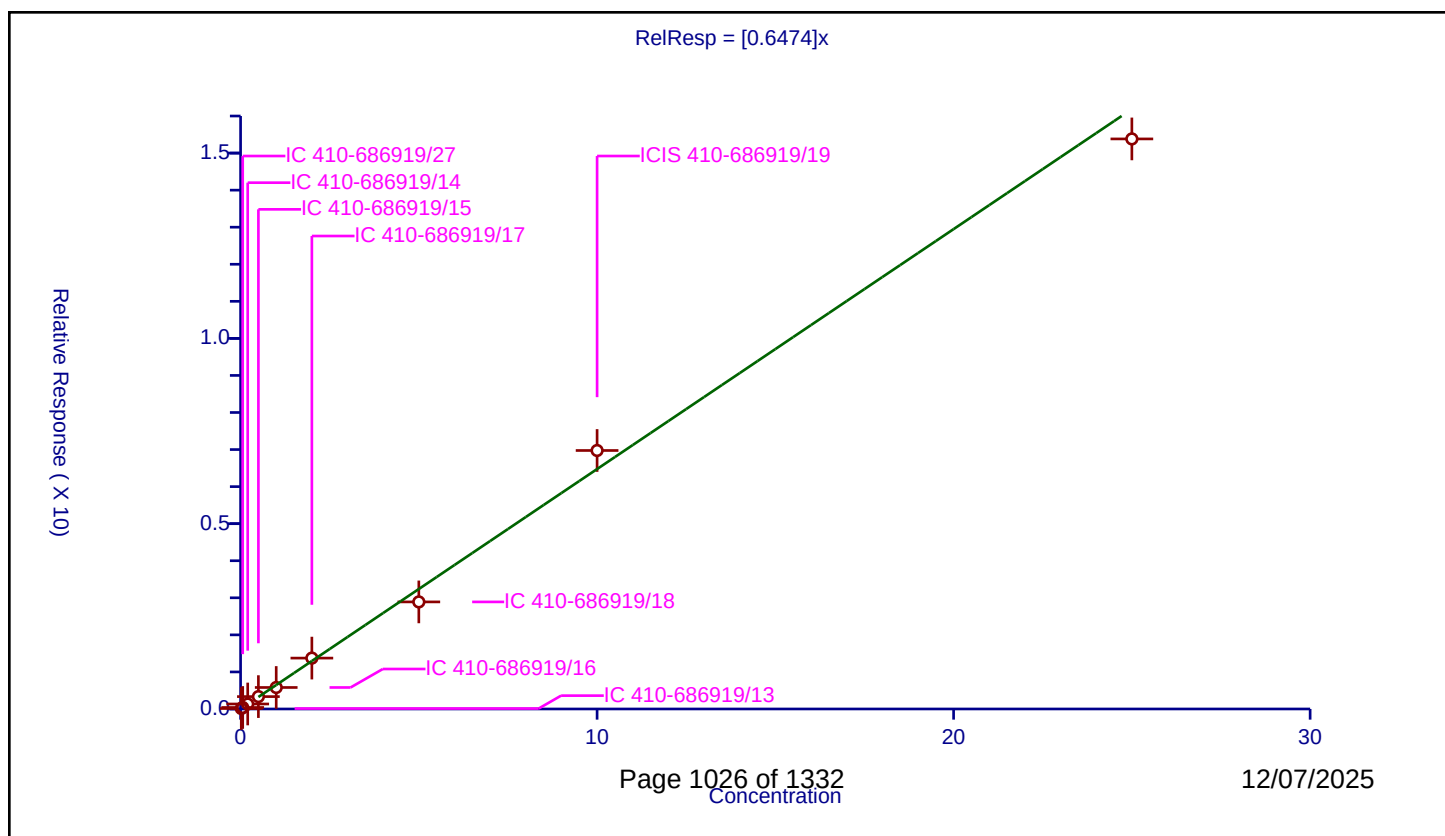
Curve Coefficients

Intercept: 0
Slope: 0.6474

Error Coefficients

Relative Standard Deviation: 7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.012927	10.0	1675538.0	0.64636	Y
2	IC 410-686919/27	0.06	0.040806	10.0	1502222.0	0.680104	Y
3	IC 410-686919/14	0.2	0.134889	10.0	1713039.0	0.674445	Y
4	IC 410-686919/15	0.5	0.33435	10.0	1592165.0	0.6687	Y
5	IC 410-686919/16	1.0	0.579943	10.0	1794141.0	0.579943	Y
6	IC 410-686919/17	2.0	1.373534	10.0	1530949.0	0.686767	Y
7	IC 410-686919/18	5.0	2.889016	10.0	1717699.0	0.577803	Y
8	ICIS 410-686919/19	10.0	6.974627	10.0	1473759.0	0.697463	Y
9	IC 410-686919/20	25.0	15.381644	10.0	1676902.0	0.615266	Y



Calibration

/ Ethyl bromide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

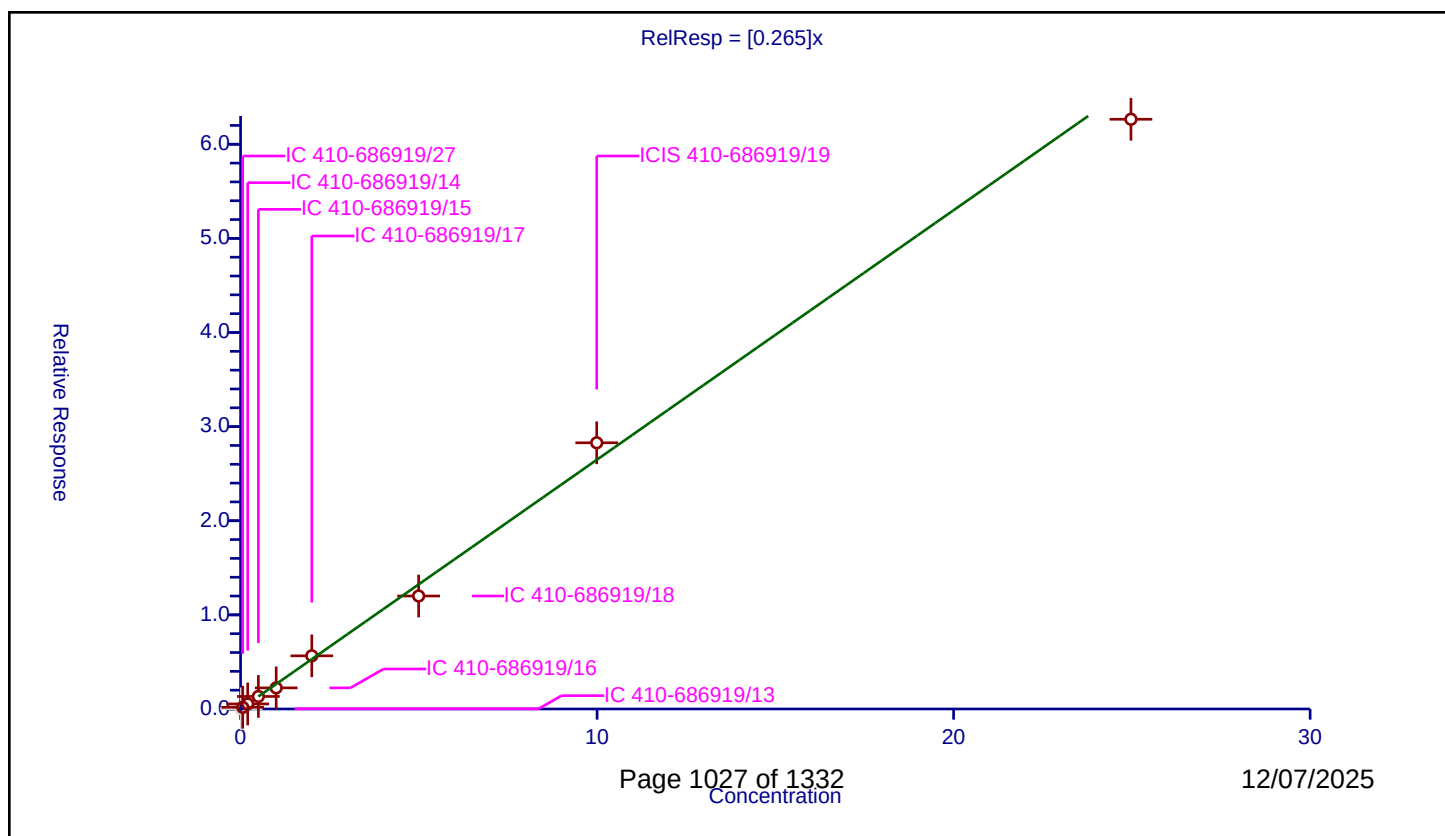
Curve Coefficients

Intercept: 0
Slope: 0.265

Error Coefficients

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.01998	0.002536	10.0	1675538.0	0.126955	N
2	IC 410-686919/27	0.059939	0.018153	10.0	1502222.0	0.302862	Y
3	IC 410-686919/14	0.199795	0.053694	10.0	1713039.0	0.268745	Y
4	IC 410-686919/15	0.499488	0.133278	10.0	1592165.0	0.266829	Y
5	IC 410-686919/16	0.998976	0.224135	10.0	1794141.0	0.224365	Y
6	IC 410-686919/17	1.997952	0.564695	10.0	1530949.0	0.282637	Y
7	IC 410-686919/18	4.99488	1.200164	10.0	1717699.0	0.240279	Y
8	ICIS 410-686919/19	9.98976	2.828339	10.0	1473759.0	0.283124	Y
9	IC 410-686919/20	24.9744	6.265518	10.0	1676902.0	0.250878	Y



Calibration

/ Carbon disulfide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

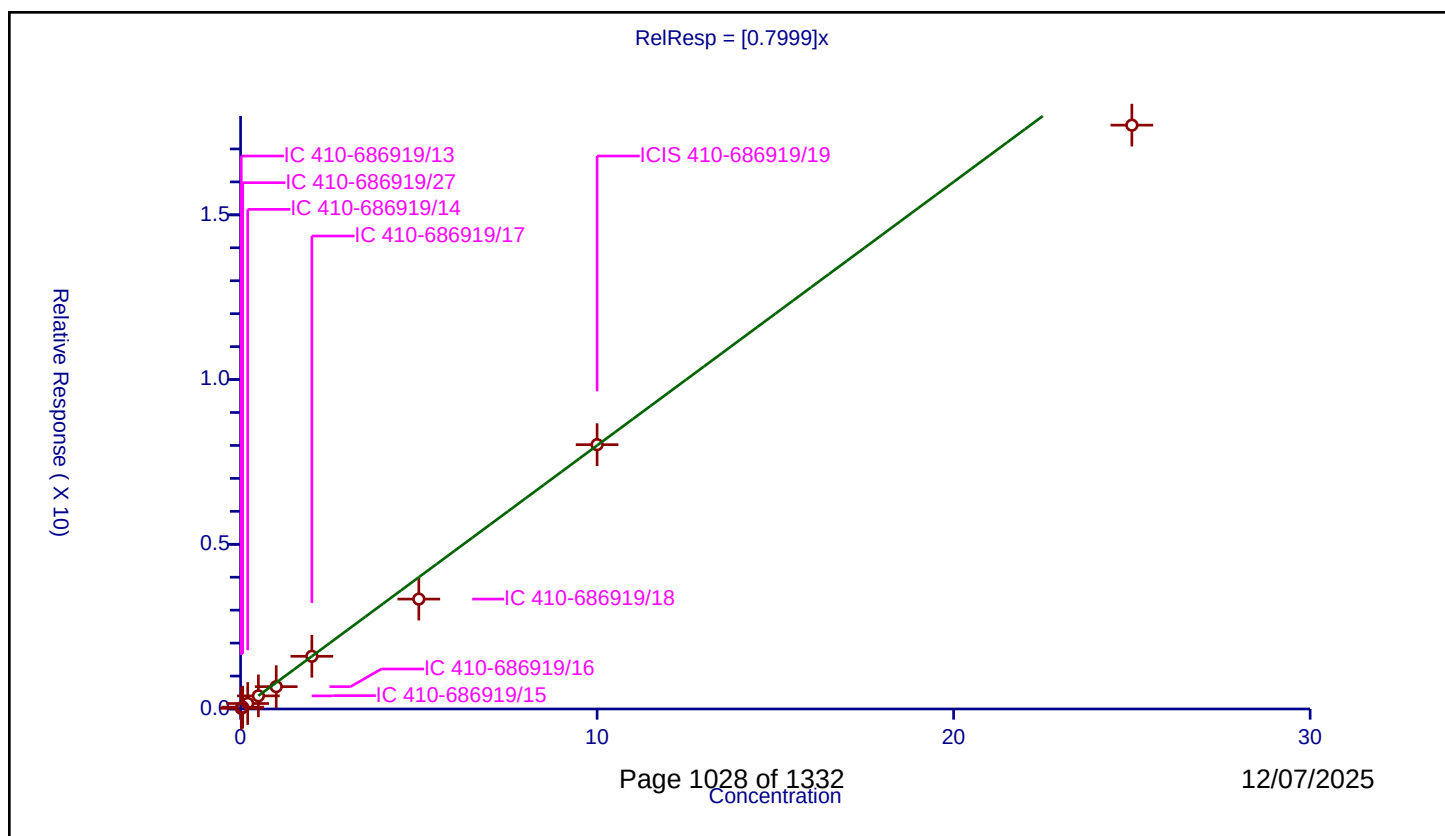
Curve Coefficients

Intercept: 0
Slope: 0.7999

Error Coefficients

Relative Standard Deviation: 13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.019844	10.0	1675538.0	0.992219	Y
2	IC 410-686919/27	0.06	0.055398	10.0	1502222.0	0.923299	Y
3	IC 410-686919/14	0.2	0.166424	10.0	1713039.0	0.832118	Y
4	IC 410-686919/15	0.5	0.397773	10.0	1592165.0	0.795546	Y
5	IC 410-686919/16	1.0	0.677773	10.0	1794141.0	0.677773	Y
6	IC 410-686919/17	2.0	1.60004	10.0	1530949.0	0.80002	Y
7	IC 410-686919/18	5.0	3.336103	10.0	1717699.0	0.667221	Y
8	ICIS 410-686919/19	10.0	8.023768	10.0	1473759.0	0.802377	Y
9	IC 410-686919/20	25.0	17.722747	10.0	1676902.0	0.70891	Y



Calibration

/ Methyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

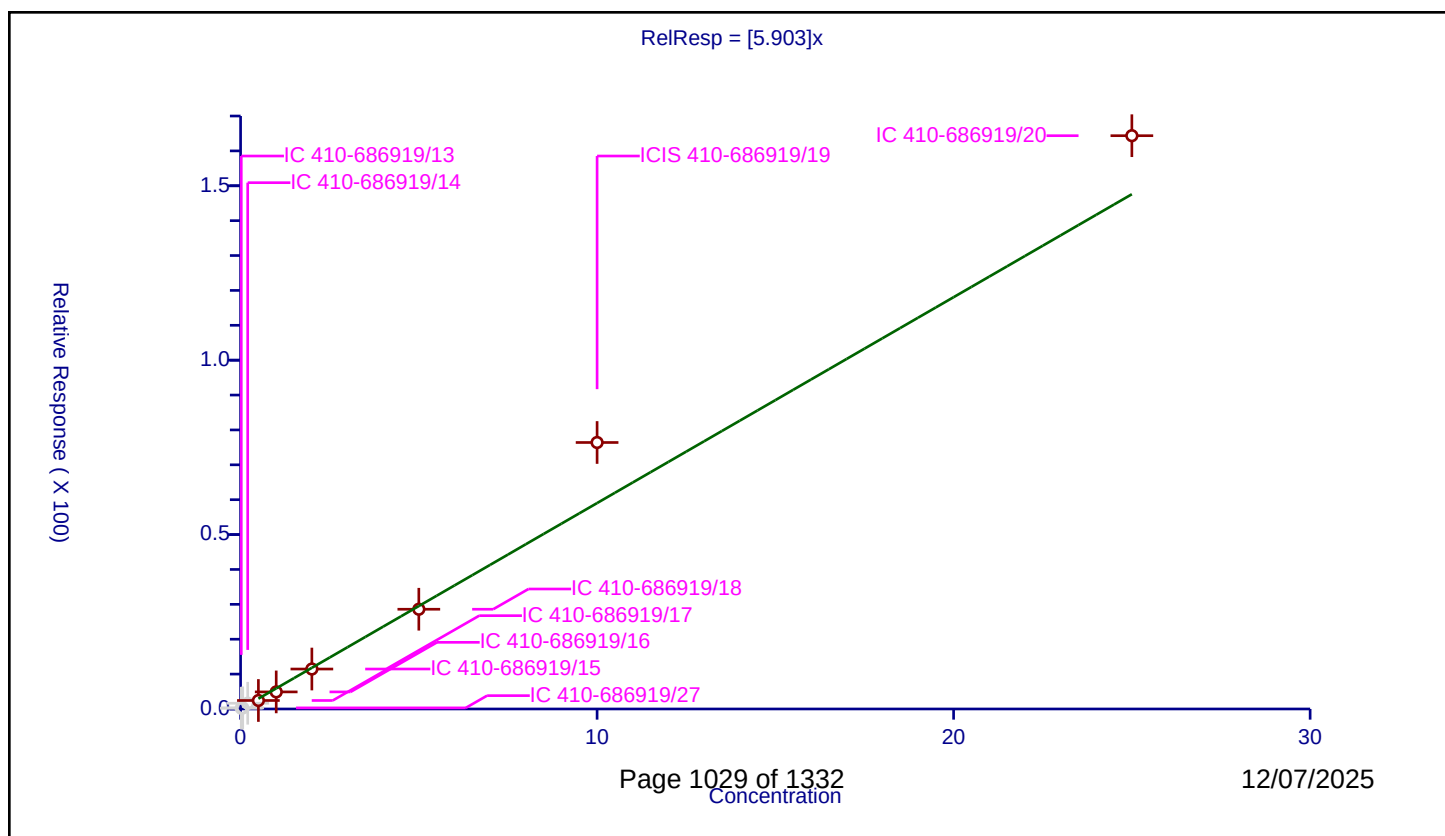
Curve Coefficients

Intercept: 0
Slope: 5.903

Error Coefficients

Relative Standard Deviation: 18.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.22416	50.0	142532.0	11.208009	N
2	IC 410-686919/27	0.06	0.314347	50.0	117227.0	5.239123	N
3	IC 410-686919/14	0.2	1.649455	50.0	150383.0	8.247275	N
4	IC 410-686919/15	0.5	2.431267	50.0	133634.0	4.862535	Y
5	IC 410-686919/16	1.0	4.893868	50.0	144160.0	4.893868	Y
6	IC 410-686919/17	2.0	11.455039	50.0	122361.0	5.727519	Y
7	IC 410-686919/18	5.0	28.600167	50.0	141174.0	5.720033	Y
8	ICIS 410-686919/19	10.0	76.397352	50.0	123412.0	7.639735	Y
9	IC 410-686919/20	25.0	164.360071	50.0	148032.0	6.574403	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

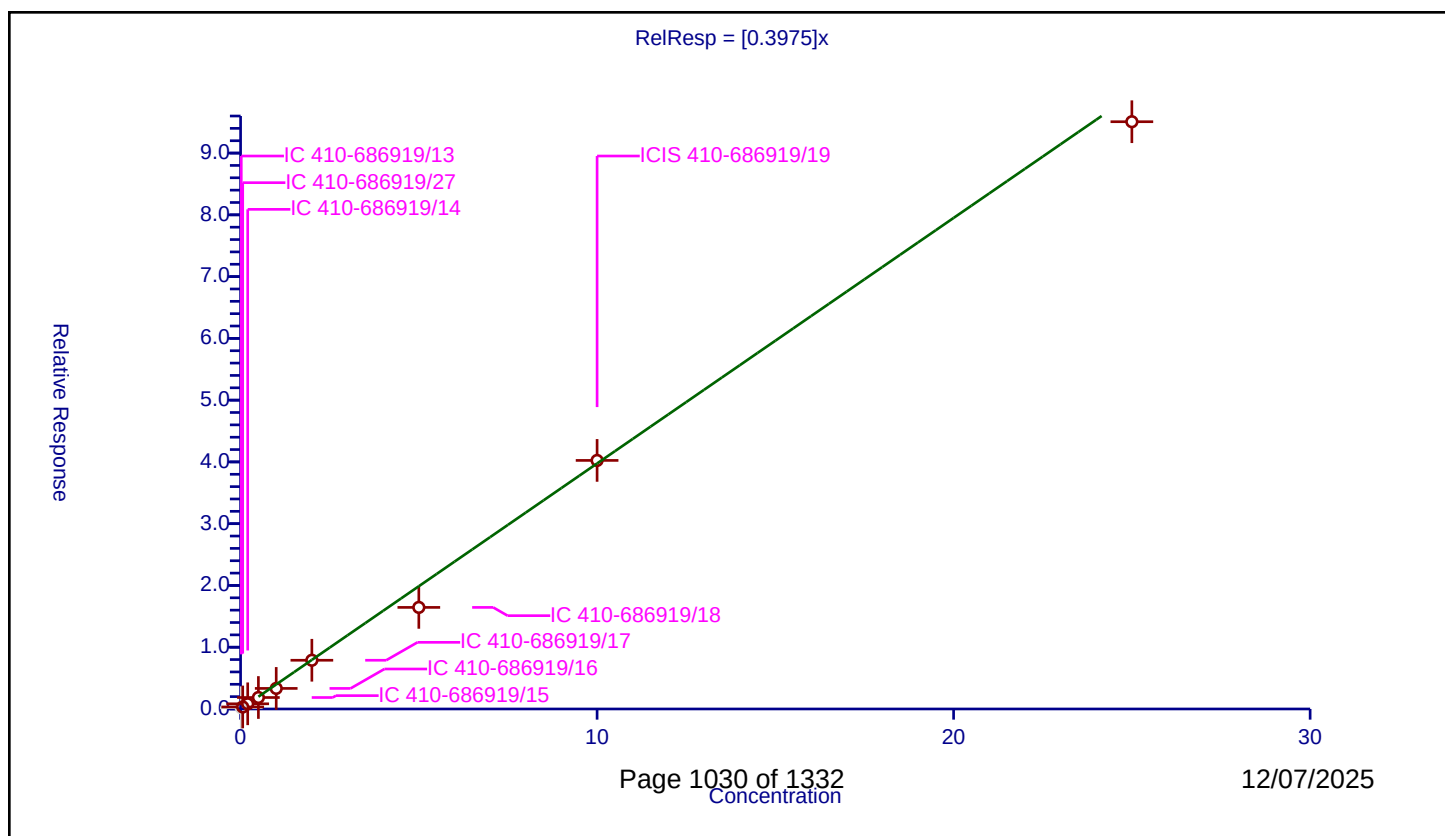
Curve Coefficients

Intercept: 0
Slope: 0.3975

Error Coefficients

Relative Standard Deviation: 17.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.020769	10.0	1675538.0	1.038472	N
2	IC 410-686919/27	0.06	0.032938	10.0	1502222.0	0.548965	Y
3	IC 410-686919/14	0.2	0.083921	10.0	1713039.0	0.419605	Y
4	IC 410-686919/15	0.5	0.18603	10.0	1592165.0	0.372059	Y
5	IC 410-686919/16	1.0	0.333173	10.0	1794141.0	0.333173	Y
6	IC 410-686919/17	2.0	0.788968	10.0	1530949.0	0.394484	Y
7	IC 410-686919/18	5.0	1.644578	10.0	1717699.0	0.328916	Y
8	ICIS 410-686919/19	10.0	4.024084	10.0	1473759.0	0.402408	Y
9	IC 410-686919/20	25.0	9.507532	10.0	1676902.0	0.380301	Y



Calibration

/ Methylene Chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

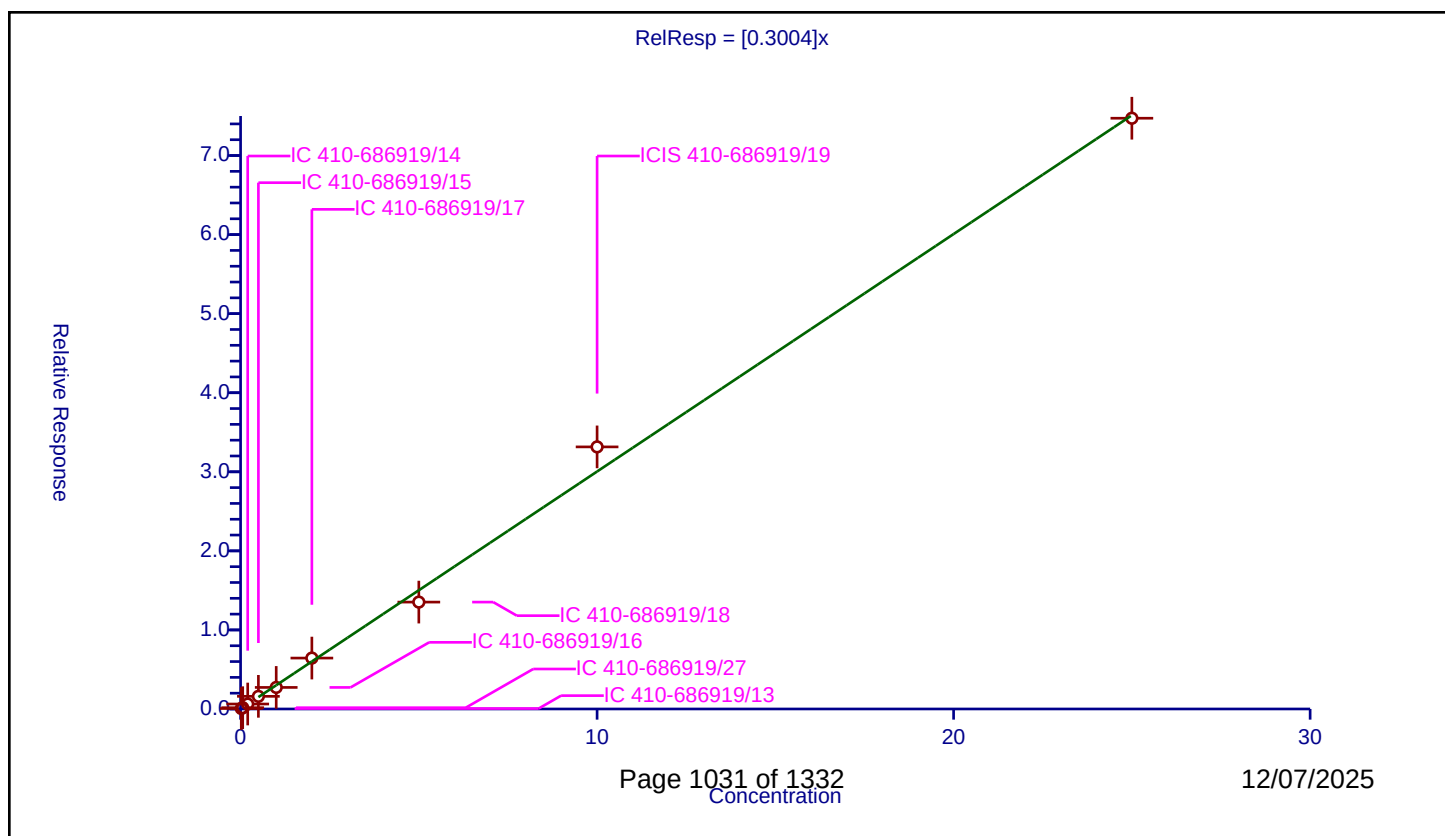
Curve Coefficients

Intercept: 0
Slope: 0.3004

Error Coefficients

Relative Standard Deviation: 7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.005968	10.0	1675538.0	0.298412	Y
2	IC 410-686919/27	0.06	0.016482	10.0	1502222.0	0.274704	Y
3	IC 410-686919/14	0.2	0.062836	10.0	1713039.0	0.314178	Y
4	IC 410-686919/15	0.5	0.160191	10.0	1592165.0	0.320381	Y
5	IC 410-686919/16	1.0	0.272749	10.0	1794141.0	0.272749	Y
6	IC 410-686919/17	2.0	0.643927	10.0	1530949.0	0.321964	Y
7	IC 410-686919/18	5.0	1.352111	10.0	1717699.0	0.270422	Y
8	ICIS 410-686919/19	10.0	3.314959	10.0	1473759.0	0.331496	Y
9	IC 410-686919/20	25.0	7.471886	10.0	1676902.0	0.298875	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

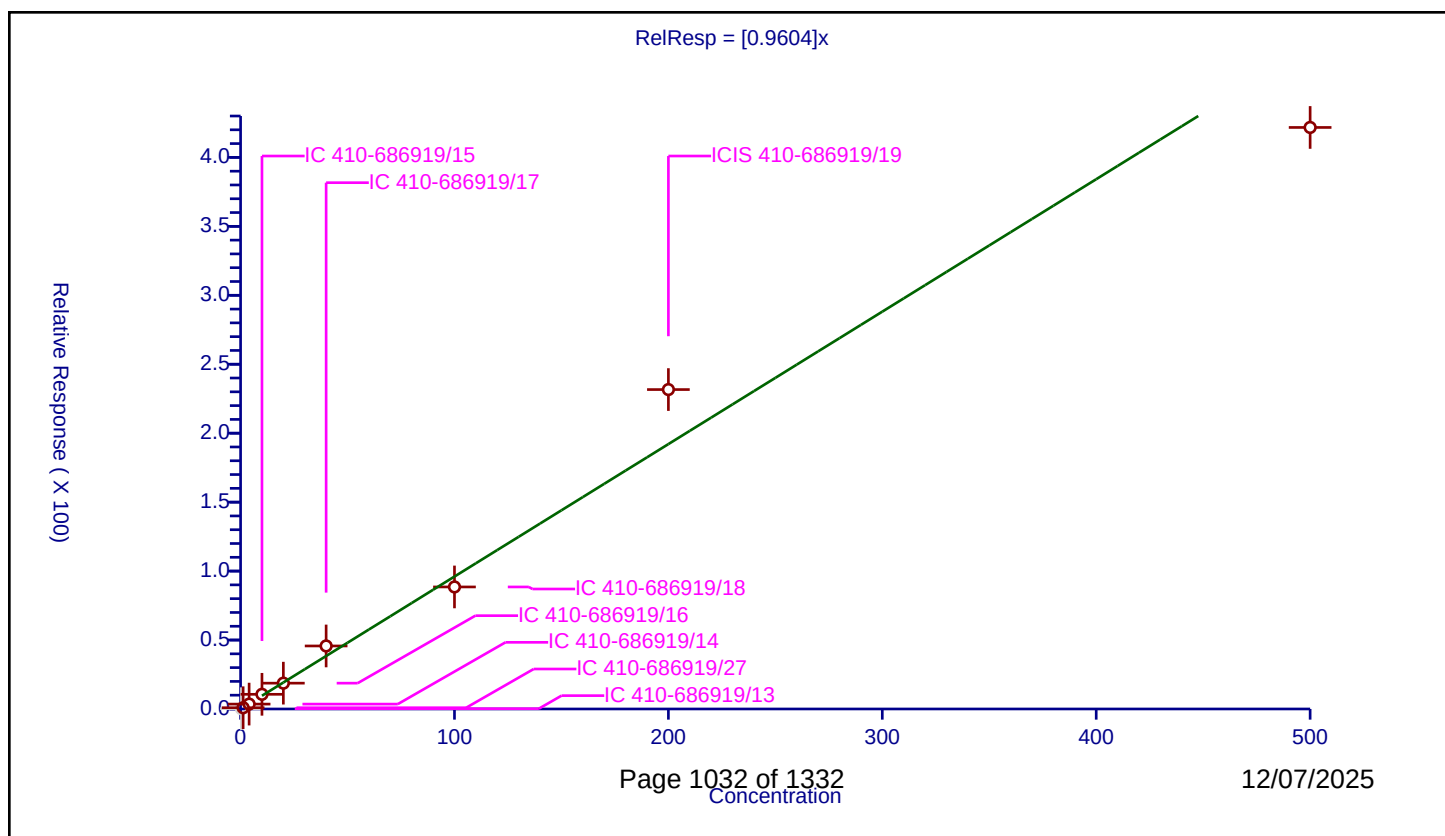
Curve Coefficients

Intercept: 0
Slope: 0.9604

Error Coefficients

Relative Standard Deviation: 15.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.4	0.223108	50.0	142532.0	0.557769	N
2	IC 410-686919/27	1.2	0.919583	50.0	117227.0	0.766319	Y
3	IC 410-686919/14	4.0	3.553261	50.0	150383.0	0.888315	Y
4	IC 410-686919/15	10.0	10.636889	50.0	133634.0	1.063689	Y
5	IC 410-686919/16	20.0	18.721213	50.0	144160.0	0.936061	Y
6	IC 410-686919/17	40.0	45.704105	50.0	122361.0	1.142603	Y
7	IC 410-686919/18	100.0	88.50532	50.0	141174.0	0.885053	Y
8	ICIS 410-686919/19	200.0	231.629015	50.0	123412.0	1.158145	Y
9	IC 410-686919/20	500.0	421.702064	50.0	148032.0	0.843404	Y



Calibration

/ Acrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

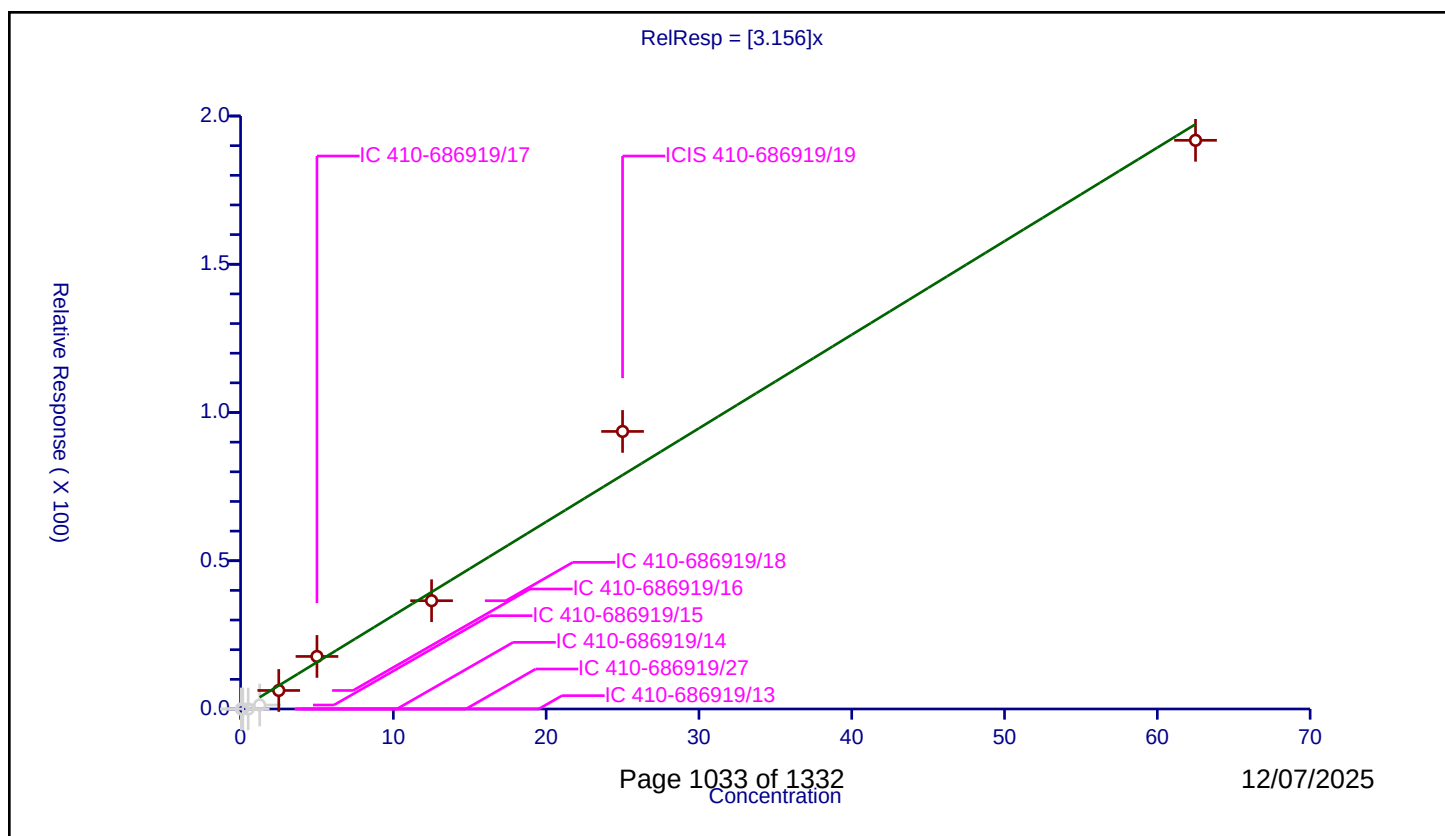
Curve Coefficients

Intercept: 0
Slope: 3.156

Error Coefficients

Relative Standard Deviation: 15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.05	0.0	50.0	142532.0	0.0	N
2	IC 410-686919/27	0.15	0.0	50.0	117227.0	0.0	N
3	IC 410-686919/14	0.5	0.0	50.0	150383.0	0.0	N
4	IC 410-686919/15	1.25	1.343221	50.0	133634.0	1.074577	N
5	IC 410-686919/16	2.5	6.244451	50.0	144160.0	2.49778	Y
6	IC 410-686919/17	5.0	17.726236	50.0	122361.0	3.545247	Y
7	IC 410-686919/18	12.5	36.523014	50.0	141174.0	2.921841	Y
8	ICIS 410-686919/19	25.0	93.613668	50.0	123412.0	3.744547	Y
9	IC 410-686919/20	62.5	191.80211	50.0	148032.0	3.068834	Y



Calibration

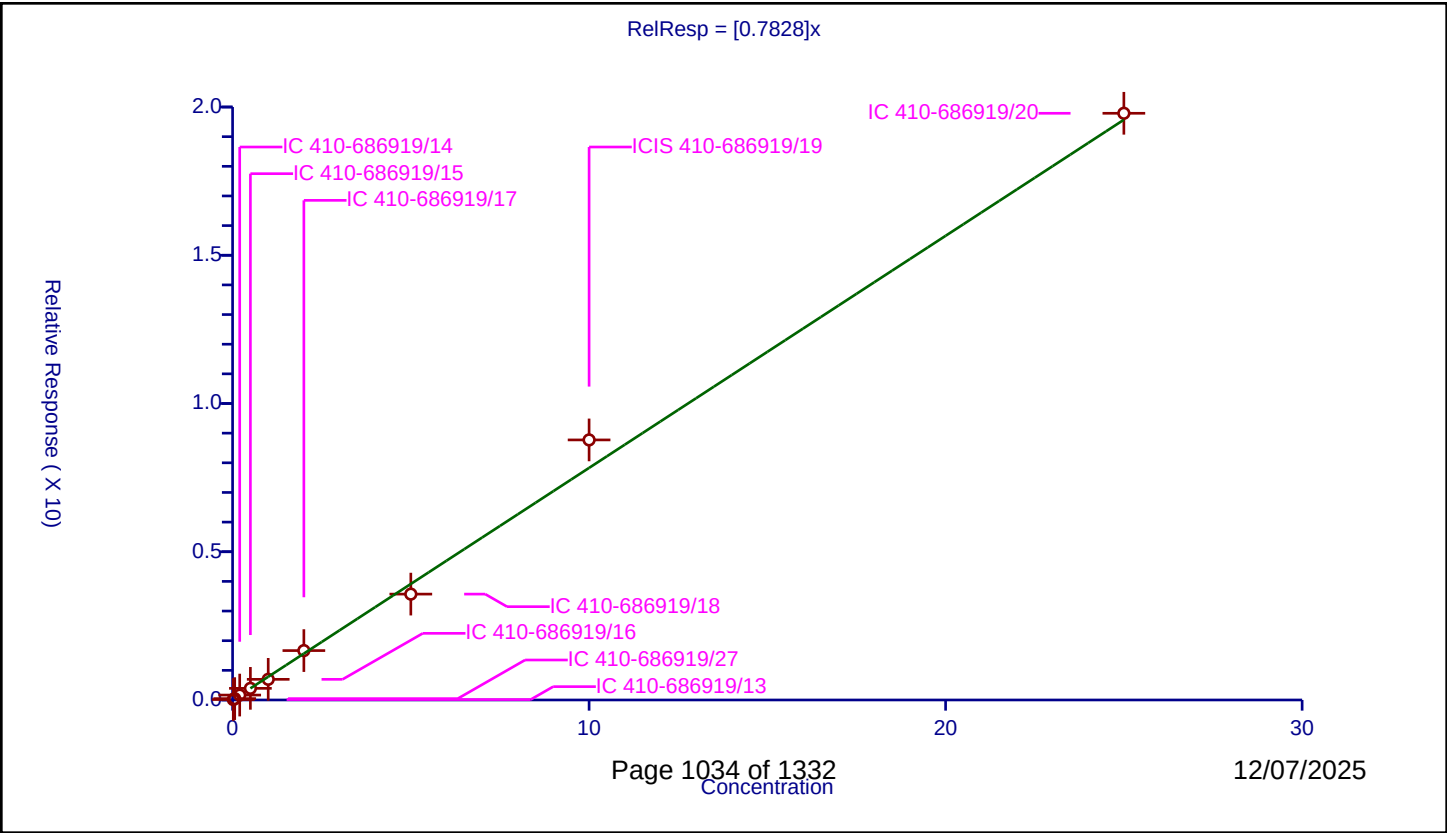
/ Methyl tert-butyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7828
Error Coefficients	

Relative Standard Deviation: 7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.014819	10.0	1675538.0	0.740956	Y
2	IC 410-686919/27	0.06	0.046691	10.0	1502222.0	0.778181	Y
3	IC 410-686919/14	0.2	0.165595	10.0	1713039.0	0.827973	Y
4	IC 410-686919/15	0.5	0.392899	10.0	1592165.0	0.785798	Y
5	IC 410-686919/16	1.0	0.696305	10.0	1794141.0	0.696305	Y
6	IC 410-686919/17	2.0	1.666117	10.0	1530949.0	0.833058	Y
7	IC 410-686919/18	5.0	3.570742	10.0	1717699.0	0.714148	Y
8	ICIS 410-686919/19	10.0	8.772038	10.0	1473759.0	0.877204	Y
9	IC 410-686919/20	25.0	19.78898	10.0	1676902.0	0.791559	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

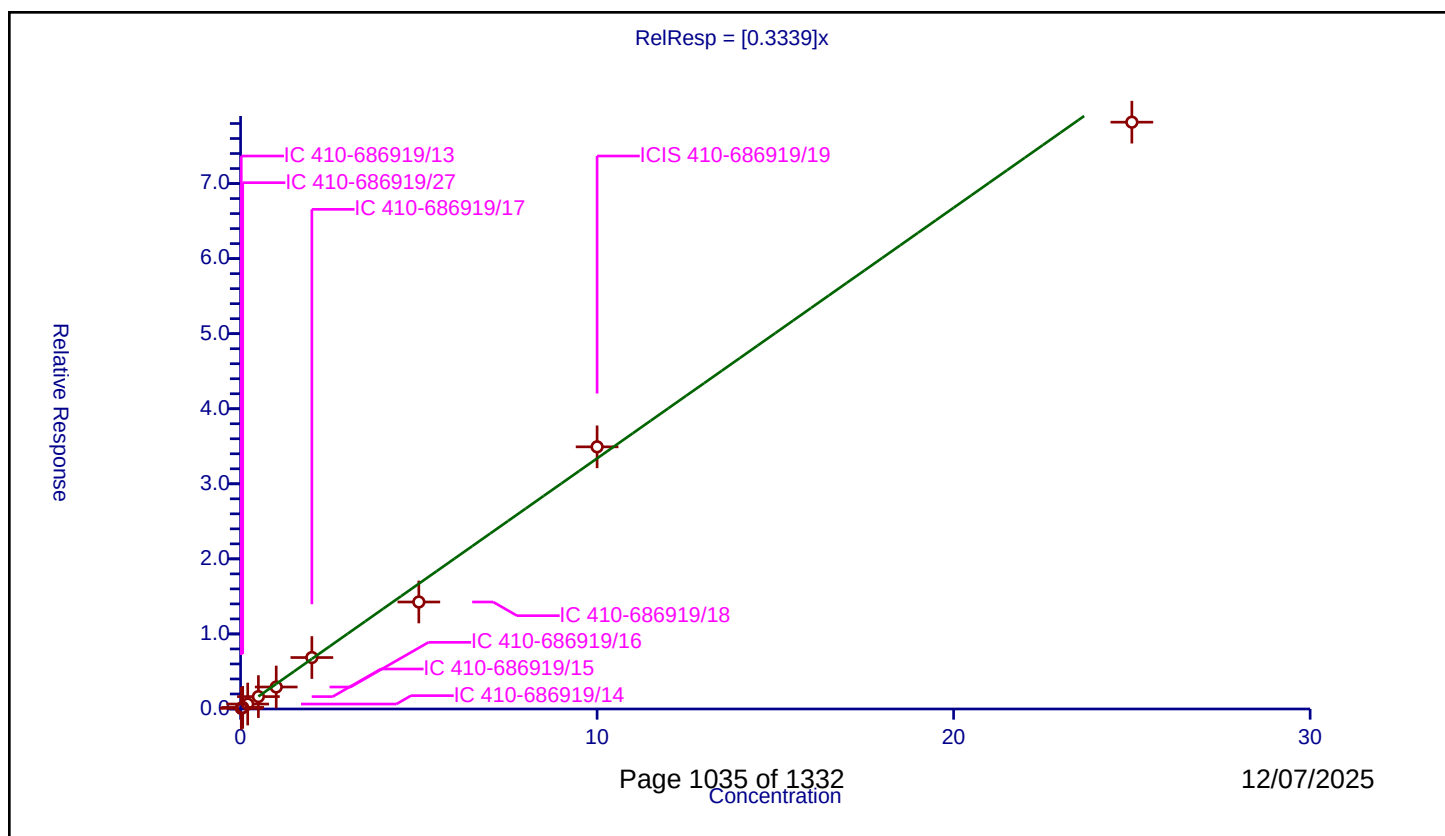
Curve Coefficients

Intercept: 0
Slope: 0.3339

Error Coefficients

Relative Standard Deviation: 11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.008266	10.0	1675538.0	0.4133	Y
2	IC 410-686919/27	0.06	0.020989	10.0	1502222.0	0.349815	Y
3	IC 410-686919/14	0.2	0.065749	10.0	1713039.0	0.328743	Y
4	IC 410-686919/15	0.5	0.165196	10.0	1592165.0	0.330393	Y
5	IC 410-686919/16	1.0	0.29282	10.0	1794141.0	0.29282	Y
6	IC 410-686919/17	2.0	0.685451	10.0	1530949.0	0.342725	Y
7	IC 410-686919/18	5.0	1.425424	10.0	1717699.0	0.285085	Y
8	ICIS 410-686919/19	10.0	3.492525	10.0	1473759.0	0.349252	Y
9	IC 410-686919/20	25.0	7.818072	10.0	1676902.0	0.312723	Y



Calibration

/ Hexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

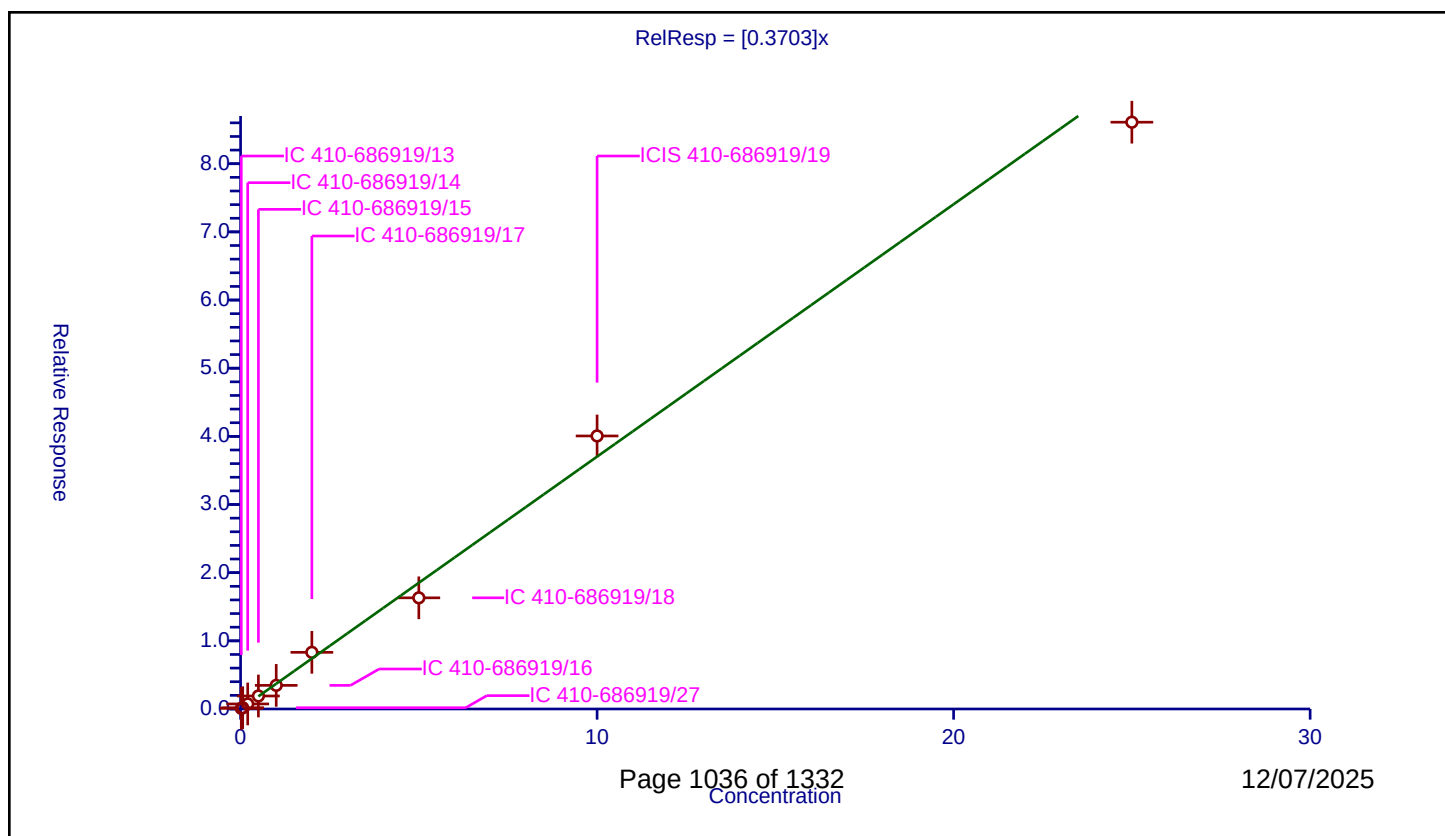
Curve Coefficients

Intercept: 0
Slope: 0.3703

Error Coefficients

Relative Standard Deviation: 11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.008702	10.0	1675538.0	0.435084	Y
2	IC 410-686919/27	0.06	0.018712	10.0	1502222.0	0.311871	Y
3	IC 410-686919/14	0.2	0.074073	10.0	1713039.0	0.370365	Y
4	IC 410-686919/15	0.5	0.190816	10.0	1592165.0	0.381631	Y
5	IC 410-686919/16	1.0	0.346639	10.0	1794141.0	0.346639	Y
6	IC 410-686919/17	2.0	0.831053	10.0	1530949.0	0.415527	Y
7	IC 410-686919/18	5.0	1.63092	10.0	1717699.0	0.326184	Y
8	ICIS 410-686919/19	10.0	4.005906	10.0	1473759.0	0.400591	Y
9	IC 410-686919/20	25.0	8.609221	10.0	1676902.0	0.344369	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

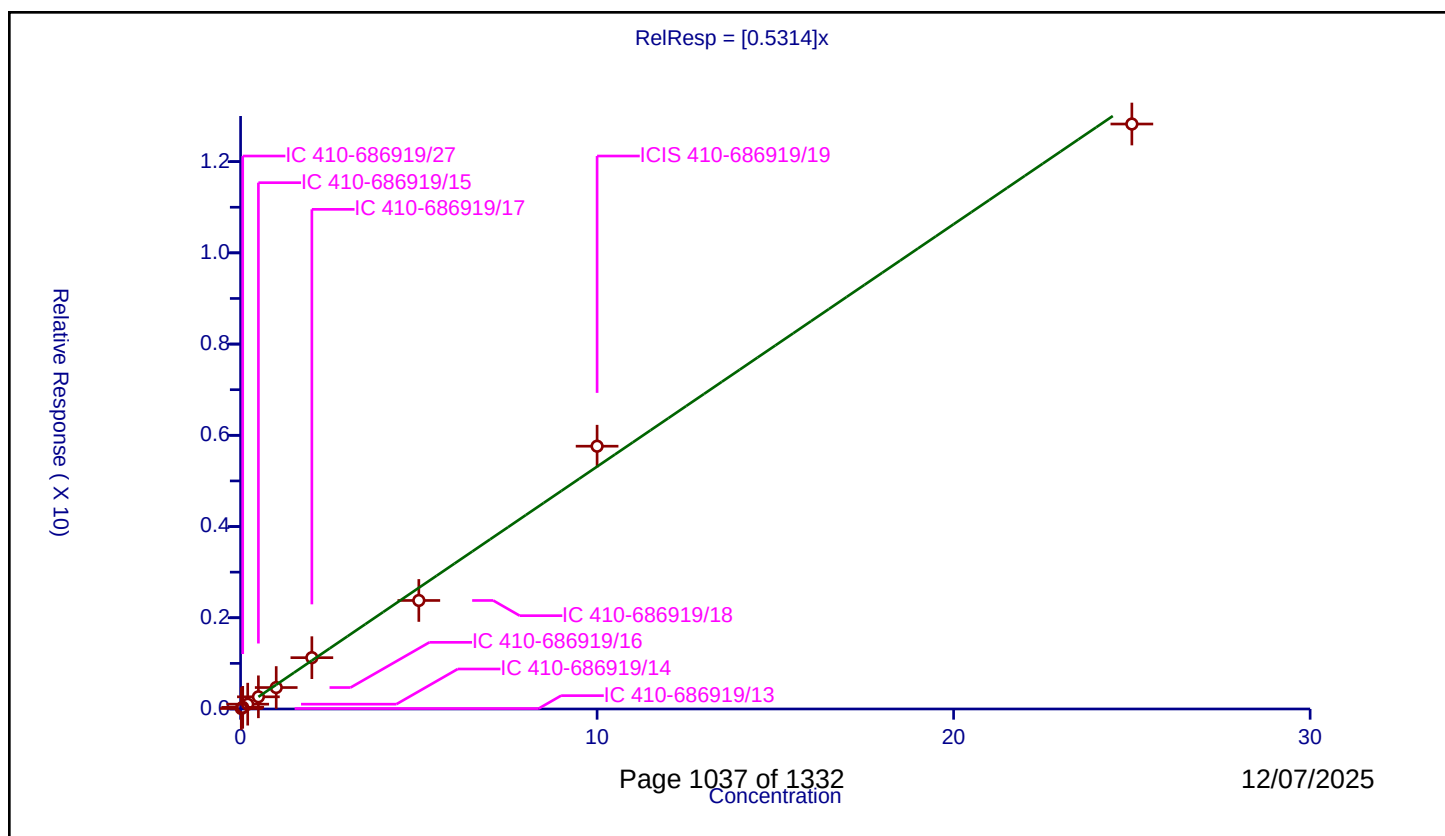
Curve Coefficients

Intercept: 0
Slope: 0.5314

Error Coefficients

Relative Standard Deviation: 8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.010427	10.0	1675538.0	0.521325	Y
2	IC 410-686919/27	0.06	0.03616	10.0	1502222.0	0.602663	Y
3	IC 410-686919/14	0.2	0.105433	10.0	1713039.0	0.527163	Y
4	IC 410-686919/15	0.5	0.266825	10.0	1592165.0	0.533651	Y
5	IC 410-686919/16	1.0	0.470069	10.0	1794141.0	0.470069	Y
6	IC 410-686919/17	2.0	1.124962	10.0	1530949.0	0.562481	Y
7	IC 410-686919/18	5.0	2.379101	10.0	1717699.0	0.47582	Y
8	ICIS 410-686919/19	10.0	5.761254	10.0	1473759.0	0.576125	Y
9	IC 410-686919/20	25.0	12.824876	10.0	1676902.0	0.512995	Y



Calibration

/ Isopropyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

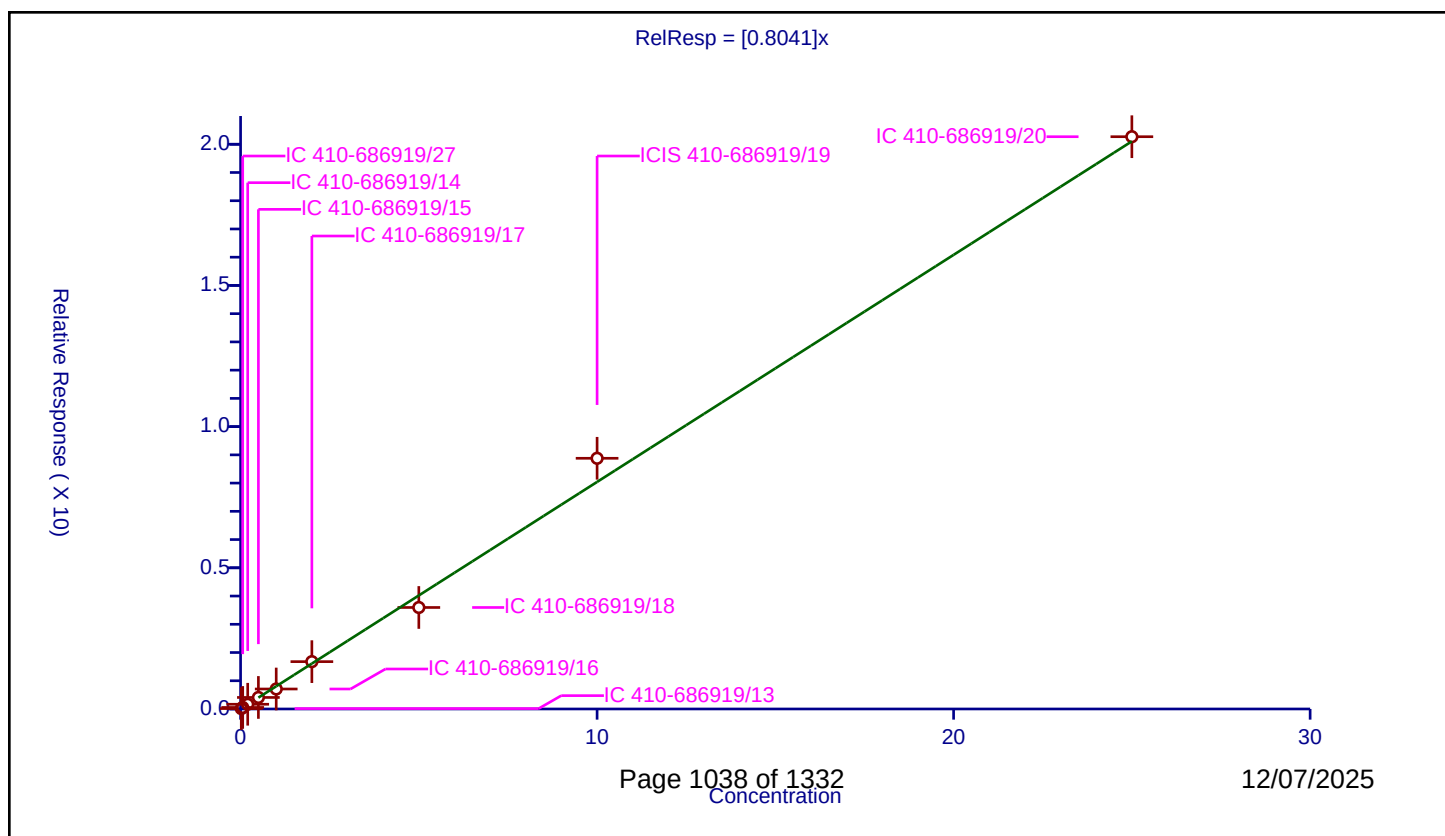
Curve Coefficients

Intercept: 0
Slope: 0.8041

Error Coefficients

Relative Standard Deviation: 9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.014163	10.0	1675538.0	0.708131	Y
2	IC 410-686919/27	0.06	0.054712	10.0	1502222.0	0.911871	Y
3	IC 410-686919/14	0.2	0.167188	10.0	1713039.0	0.835941	Y
4	IC 410-686919/15	0.5	0.408582	10.0	1592165.0	0.817164	Y
5	IC 410-686919/16	1.0	0.708149	10.0	1794141.0	0.708149	Y
6	IC 410-686919/17	2.0	1.677123	10.0	1530949.0	0.838562	Y
7	IC 410-686919/18	5.0	3.594768	10.0	1717699.0	0.718954	Y
8	ICIS 410-686919/19	10.0	8.878636	10.0	1473759.0	0.887864	Y
9	IC 410-686919/20	25.0	20.266736	10.0	1676902.0	0.810669	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

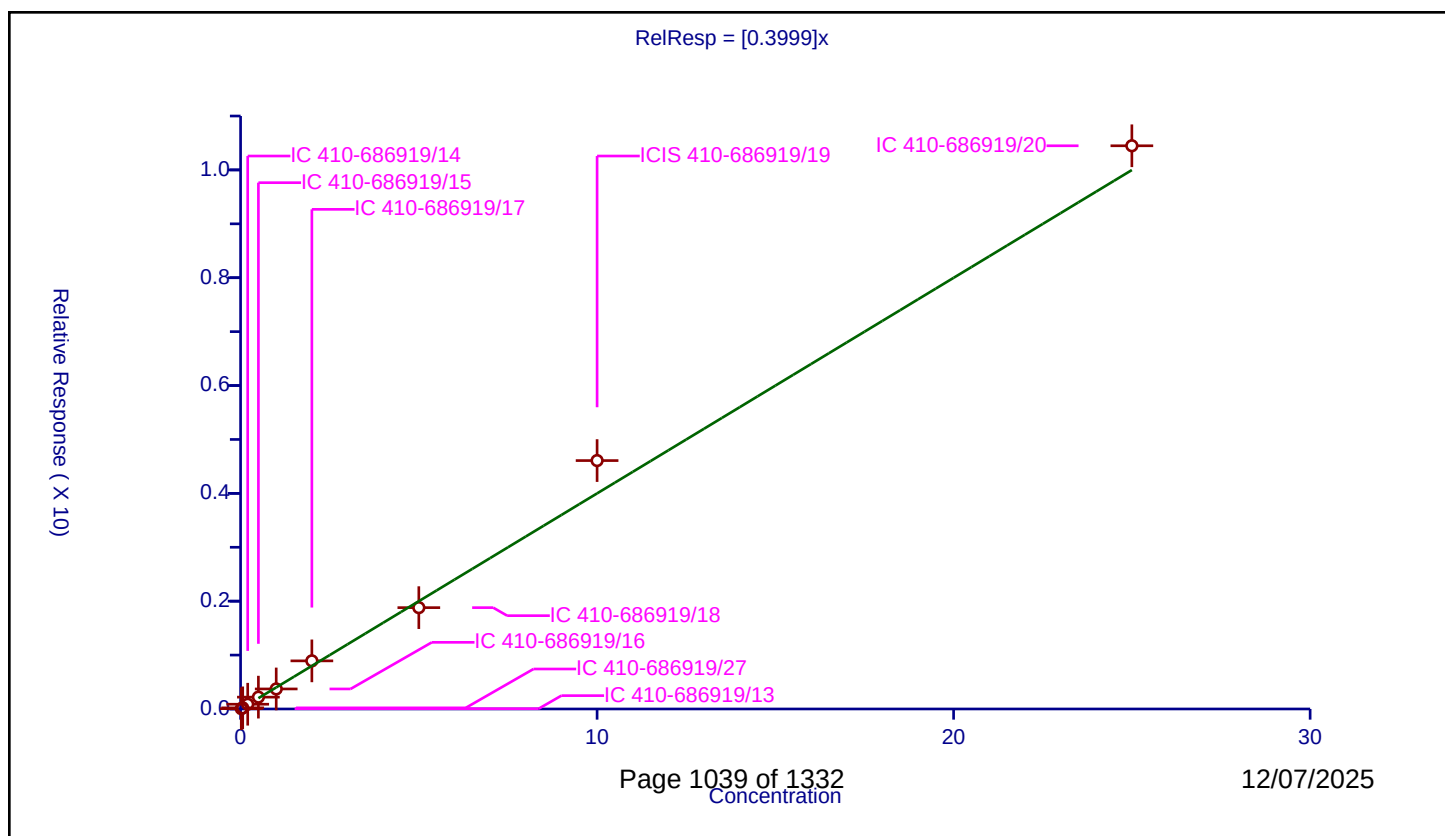
Curve Coefficients

Intercept: 0
Slope: 0.3999

Error Coefficients

Relative Standard Deviation: 14.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.005795	10.0	1675538.0	0.289758	Y
2	IC 410-686919/27	0.06	0.021262	10.0	1502222.0	0.354364	Y
3	IC 410-686919/14	0.2	0.088451	10.0	1713039.0	0.442255	Y
4	IC 410-686919/15	0.5	0.219914	10.0	1592165.0	0.439829	Y
5	IC 410-686919/16	1.0	0.371833	10.0	1794141.0	0.371833	Y
6	IC 410-686919/17	2.0	0.892864	10.0	1530949.0	0.446432	Y
7	IC 410-686919/18	5.0	1.879957	10.0	1717699.0	0.375991	Y
8	ICIS 410-686919/19	10.0	4.608413	10.0	1473759.0	0.460841	Y
9	IC 410-686919/20	25.0	10.44804	10.0	1676902.0	0.417922	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

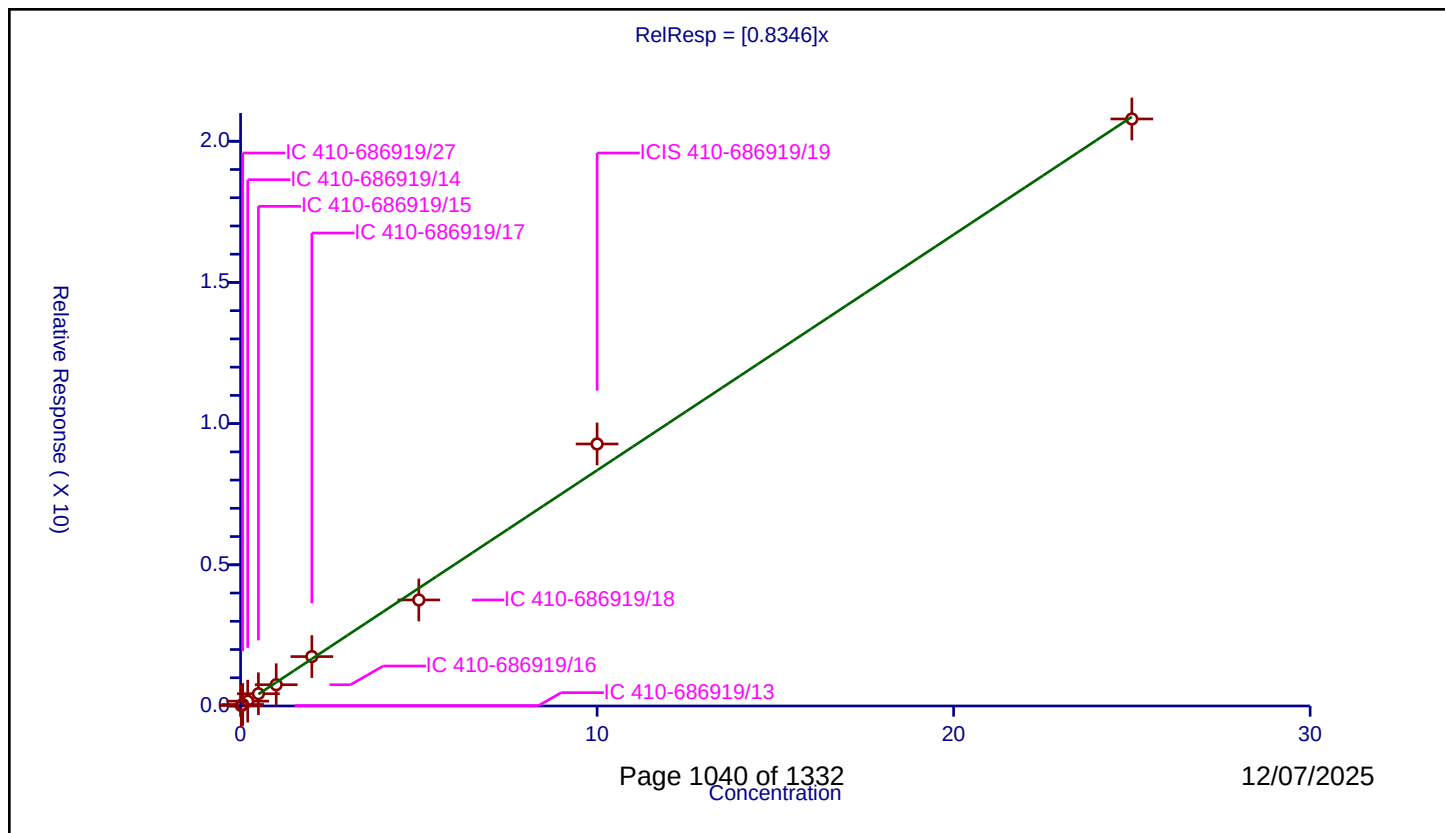
Curve Coefficients

Intercept: 0
Slope: 0.8346

Error Coefficients

Relative Standard Deviation: 7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.015207	10.0	1675538.0	0.760353	Y
2	IC 410-686919/27	0.06	0.053261	10.0	1502222.0	0.887685	Y
3	IC 410-686919/14	0.2	0.171601	10.0	1713039.0	0.858007	Y
4	IC 410-686919/15	0.5	0.43363	10.0	1592165.0	0.867259	Y
5	IC 410-686919/16	1.0	0.752784	10.0	1794141.0	0.752784	Y
6	IC 410-686919/17	2.0	1.749823	10.0	1530949.0	0.874912	Y
7	IC 410-686919/18	5.0	3.755681	10.0	1717699.0	0.751136	Y
8	ICIS 410-686919/19	10.0	9.279231	10.0	1473759.0	0.927923	Y
9	IC 410-686919/20	25.0	20.789152	10.0	1676902.0	0.831566	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

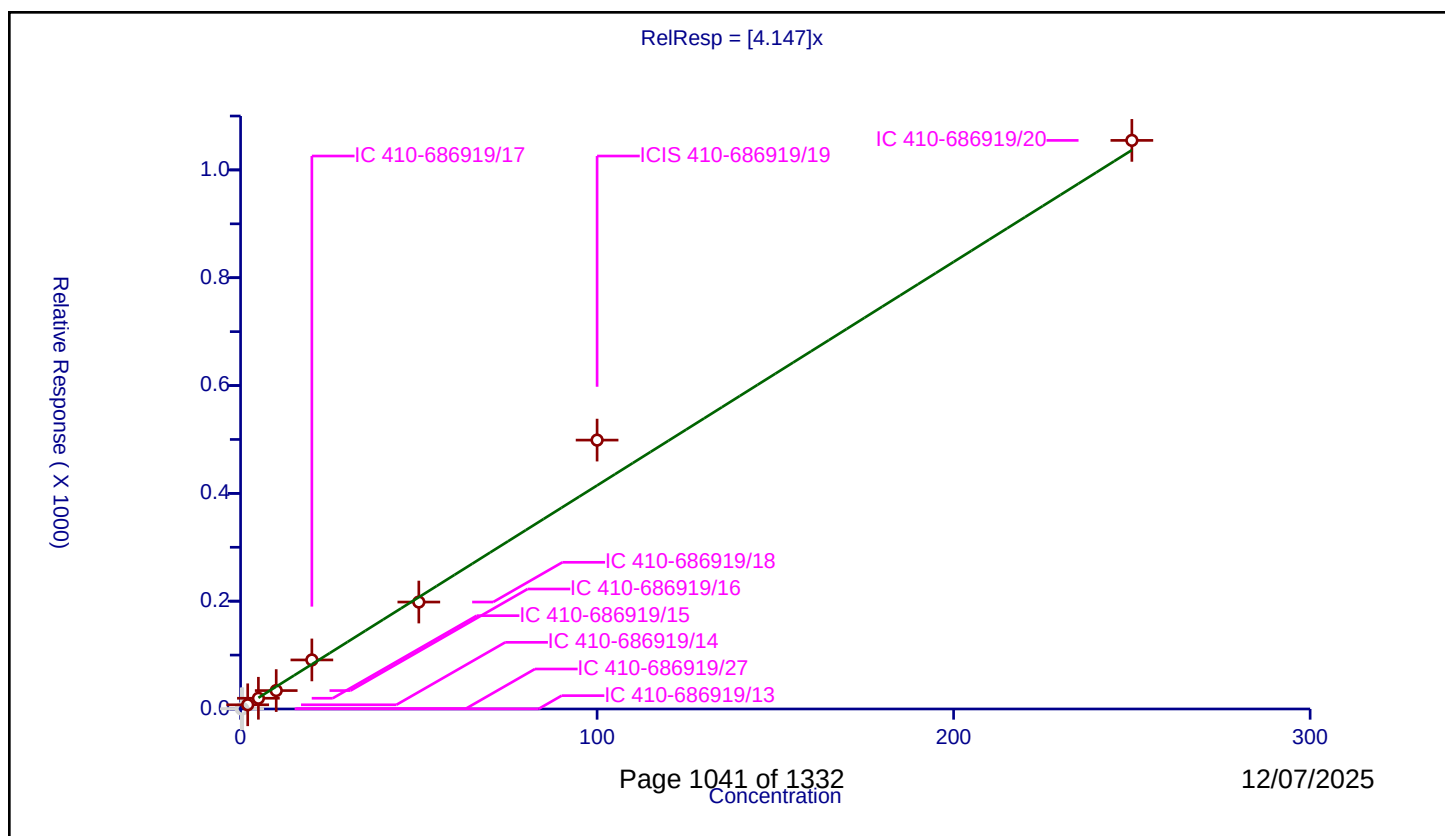
Curve Coefficients

Intercept: 0
Slope: 4.147

Error Coefficients

Relative Standard Deviation: 12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.2	0.283445	50.0	142532.0	1.417226	N
2	IC 410-686919/27	0.6	0.574526	50.0	117227.0	0.957544	N
3	IC 410-686919/14	2.0	7.813051	50.0	150383.0	3.906525	Y
4	IC 410-686919/15	5.0	19.900998	50.0	133634.0	3.9802	Y
5	IC 410-686919/16	10.0	34.170366	50.0	144160.0	3.417037	Y
6	IC 410-686919/17	20.0	90.979152	50.0	122361.0	4.548958	Y
7	IC 410-686919/18	50.0	198.40091	50.0	141174.0	3.968018	Y
8	ICIS 410-686919/19	100.0	498.81535	50.0	123412.0	4.988154	Y
9	IC 410-686919/20	250.0	1054.770252	50.0	148032.0	4.219081	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

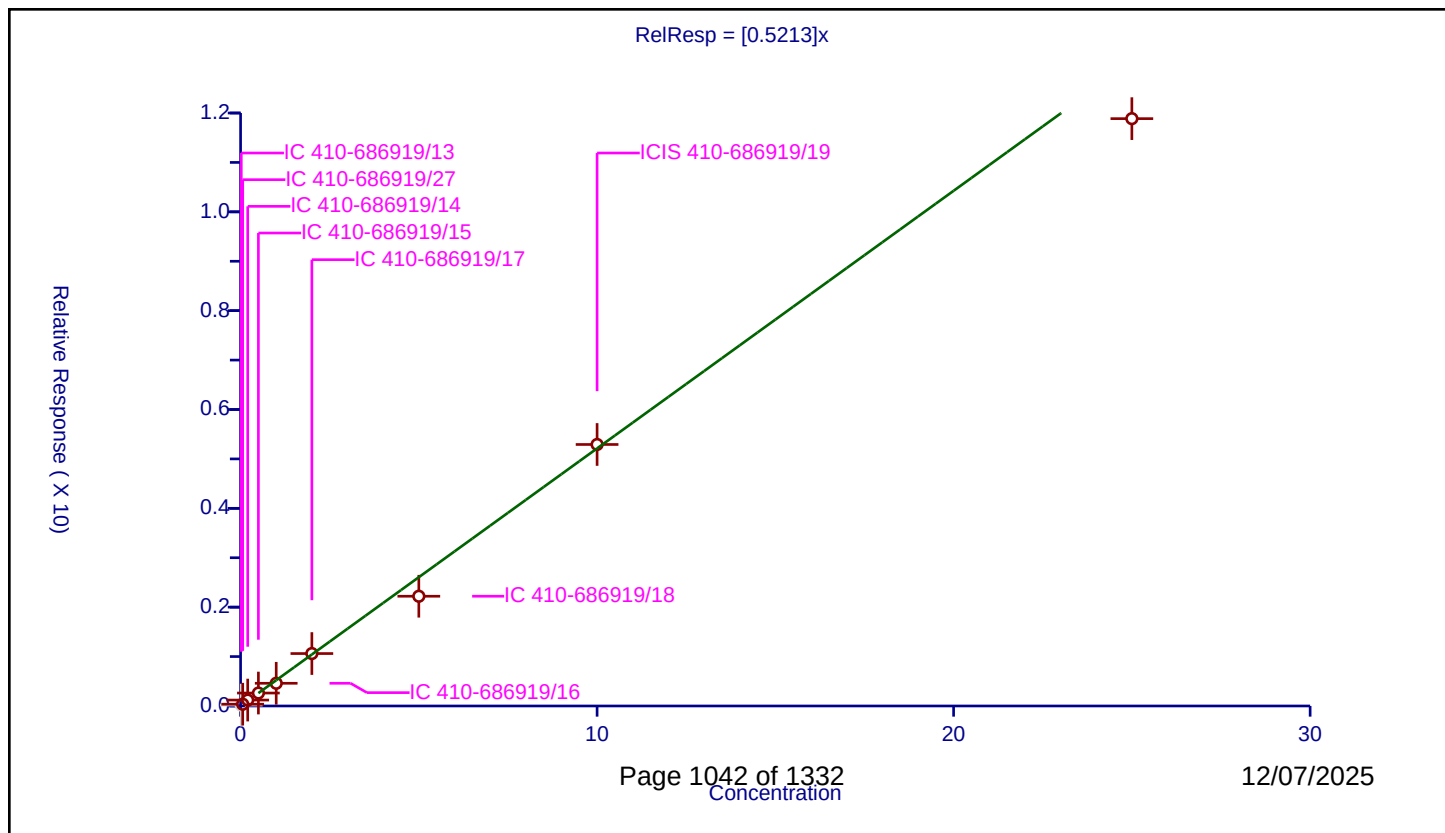
Curve Coefficients

Intercept: 0
Slope: 0.5213

Error Coefficients

Relative Standard Deviation: 11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.018848	10.0	1675538.0	0.942384	N
2	IC 410-686919/27	0.06	0.036433	10.0	1502222.0	0.607212	Y
3	IC 410-686919/14	0.2	0.119951	10.0	1713039.0	0.599753	Y
4	IC 410-686919/15	0.5	0.262021	10.0	1592165.0	0.524041	Y
5	IC 410-686919/16	1.0	0.459702	10.0	1794141.0	0.459702	Y
6	IC 410-686919/17	2.0	1.061433	10.0	1530949.0	0.530717	Y
7	IC 410-686919/18	5.0	2.220954	10.0	1717699.0	0.444191	Y
8	ICIS 410-686919/19	10.0	5.291985	10.0	1473759.0	0.529198	Y
9	IC 410-686919/20	25.0	11.886282	10.0	1676902.0	0.475451	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

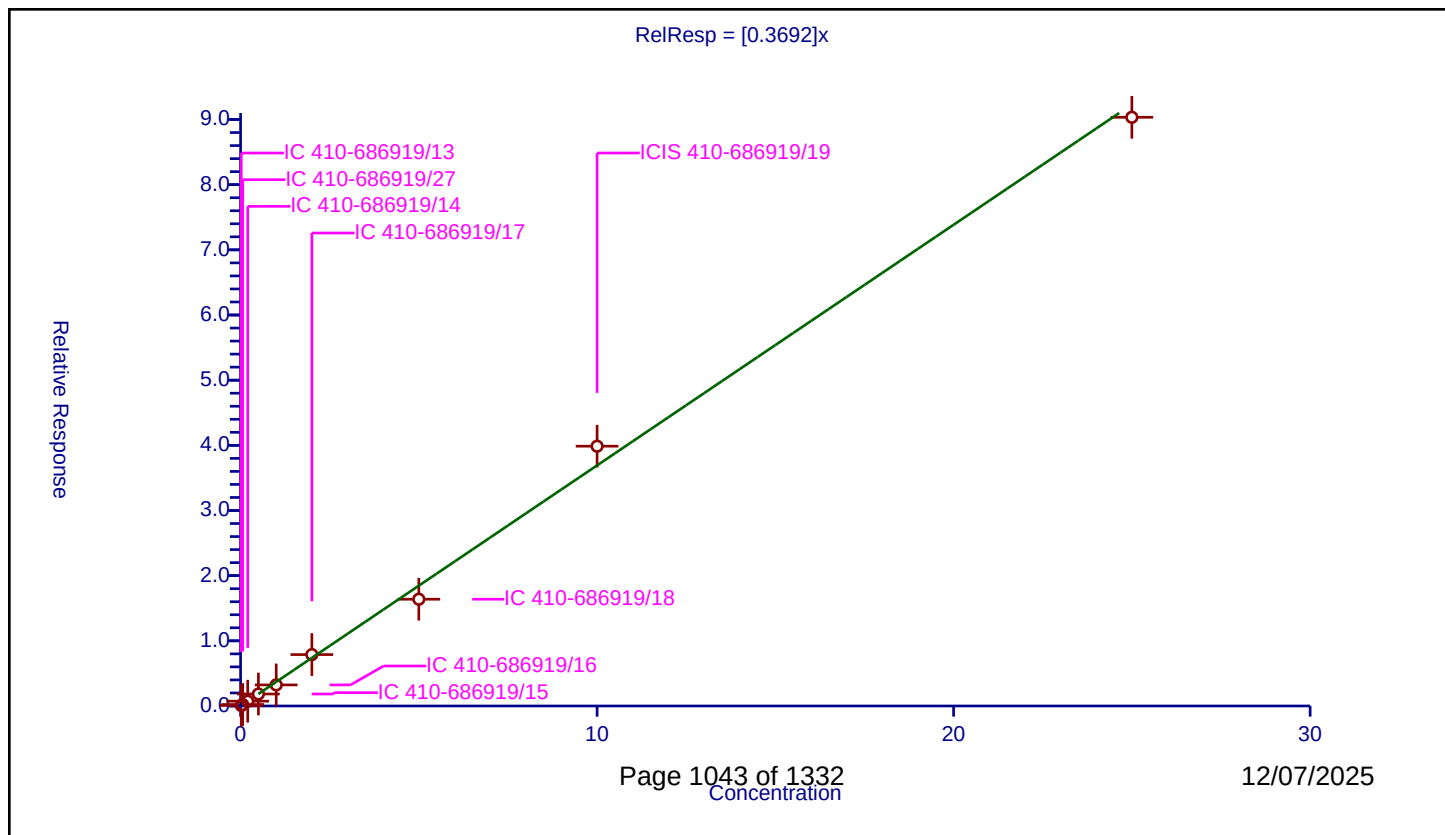
Curve Coefficients

Intercept: 0
Slope: 0.3692

Error Coefficients

Relative Standard Deviation: 7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.00798	10.0	1675538.0	0.398976	Y
2	IC 410-686919/27	0.06	0.022859	10.0	1502222.0	0.380991	Y
3	IC 410-686919/14	0.2	0.07395	10.0	1713039.0	0.369752	Y
4	IC 410-686919/15	0.5	0.18397	10.0	1592165.0	0.367939	Y
5	IC 410-686919/16	1.0	0.323369	10.0	1794141.0	0.323369	Y
6	IC 410-686919/17	2.0	0.78889	10.0	1530949.0	0.394445	Y
7	IC 410-686919/18	5.0	1.638401	10.0	1717699.0	0.32768	Y
8	ICIS 410-686919/19	10.0	3.987002	10.0	1473759.0	0.3987	Y
9	IC 410-686919/20	25.0	9.034344	10.0	1676902.0	0.361374	Y



Calibration

/ Propionitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

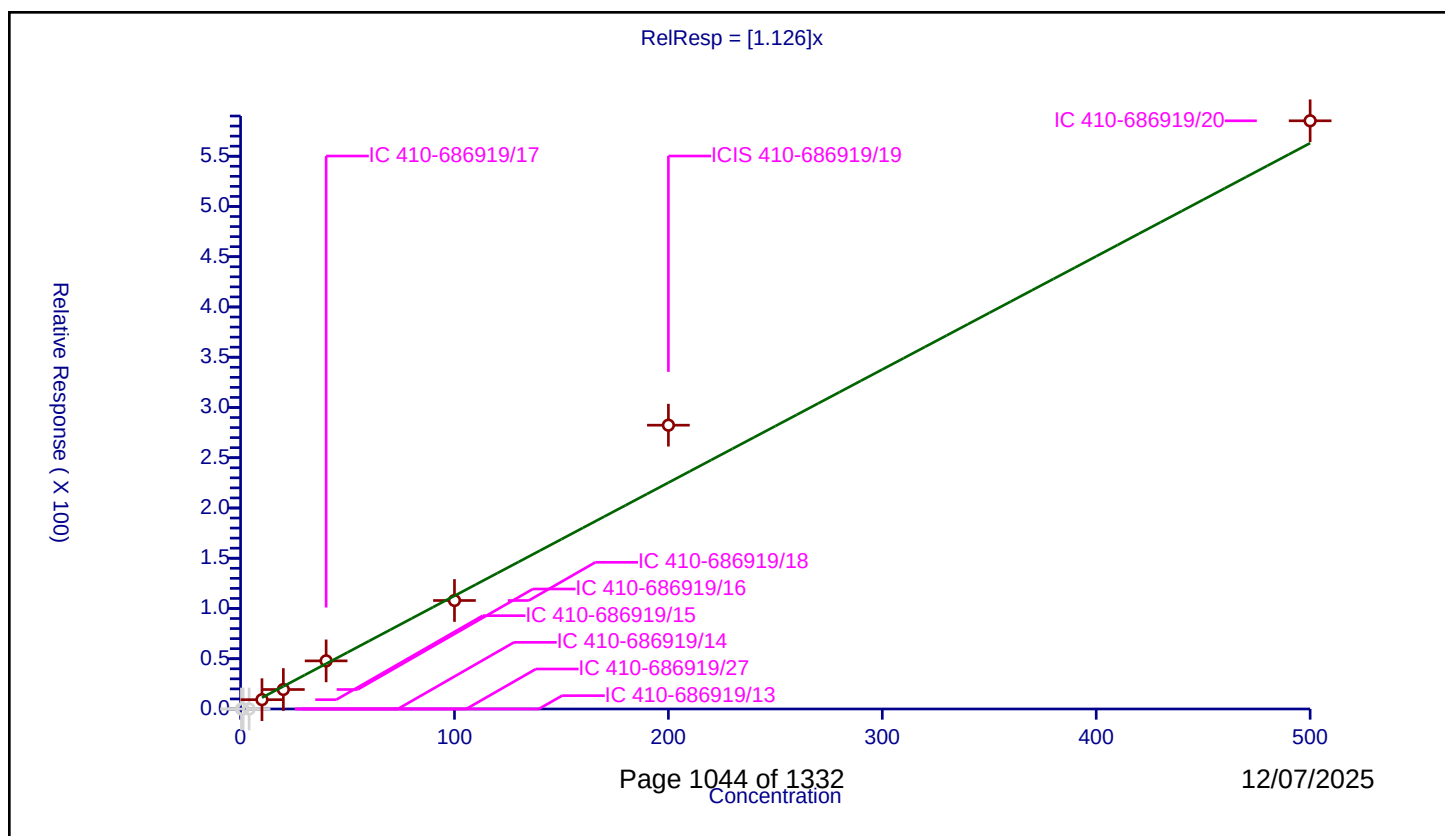
Curve Coefficients

Intercept: 0
Slope: 1.126

Error Coefficients

Relative Standard Deviation: 15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.4	0.0	50.0	142532.0	0.0	N
2	IC 410-686919/27	1.2	0.0	50.0	117227.0	0.0	N
3	IC 410-686919/14	4.0	0.0	50.0	150383.0	0.0	N
4	IC 410-686919/15	10.0	9.282443	50.0	133634.0	0.928244	Y
5	IC 410-686919/16	20.0	19.376041	50.0	144160.0	0.968802	Y
6	IC 410-686919/17	40.0	47.883721	50.0	122361.0	1.197093	Y
7	IC 410-686919/18	100.0	107.951181	50.0	141174.0	1.079512	Y
8	ICIS 410-686919/19	200.0	282.388666	50.0	123412.0	1.411943	Y
9	IC 410-686919/20	500.0	585.250824	50.0	148032.0	1.170502	Y



Calibration

/ Methacrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

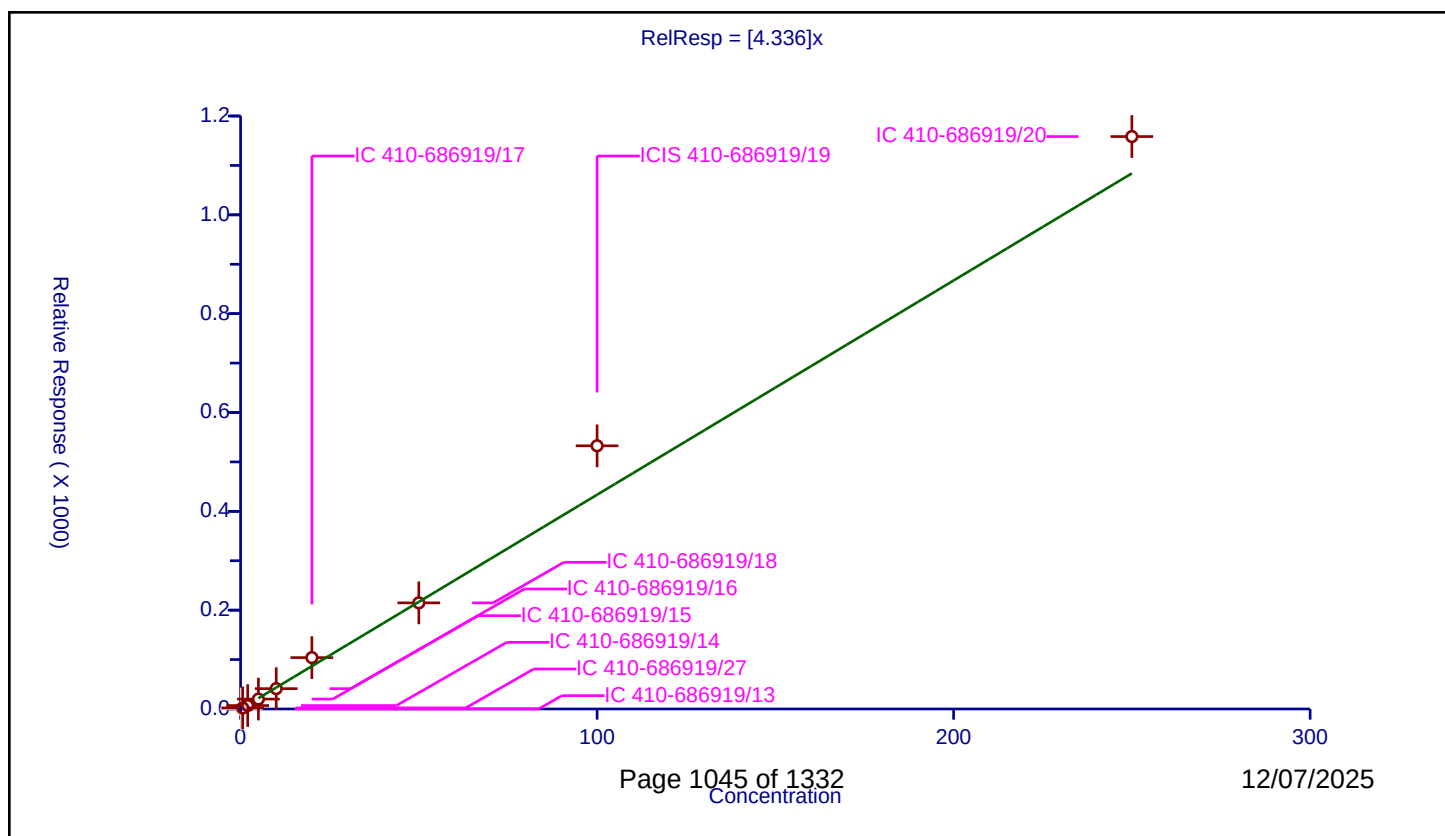
Curve Coefficients

Intercept: 0
Slope: 4.336

Error Coefficients

Relative Standard Deviation: 15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.2	0.150493	50.0	142532.0	0.752463	N
2	IC 410-686919/27	0.6	2.179959	50.0	117227.0	3.633264	Y
3	IC 410-686919/14	2.0	6.937952	50.0	150383.0	3.468976	Y
4	IC 410-686919/15	5.0	20.058518	50.0	133634.0	4.011704	Y
5	IC 410-686919/16	10.0	41.171615	50.0	144160.0	4.117161	Y
6	IC 410-686919/17	20.0	103.975123	50.0	122361.0	5.198756	Y
7	IC 410-686919/18	50.0	214.780696	50.0	141174.0	4.295614	Y
8	ICIS 410-686919/19	100.0	532.626487	50.0	123412.0	5.326265	Y
9	IC 410-686919/20	250.0	1158.447498	50.0	148032.0	4.63379	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

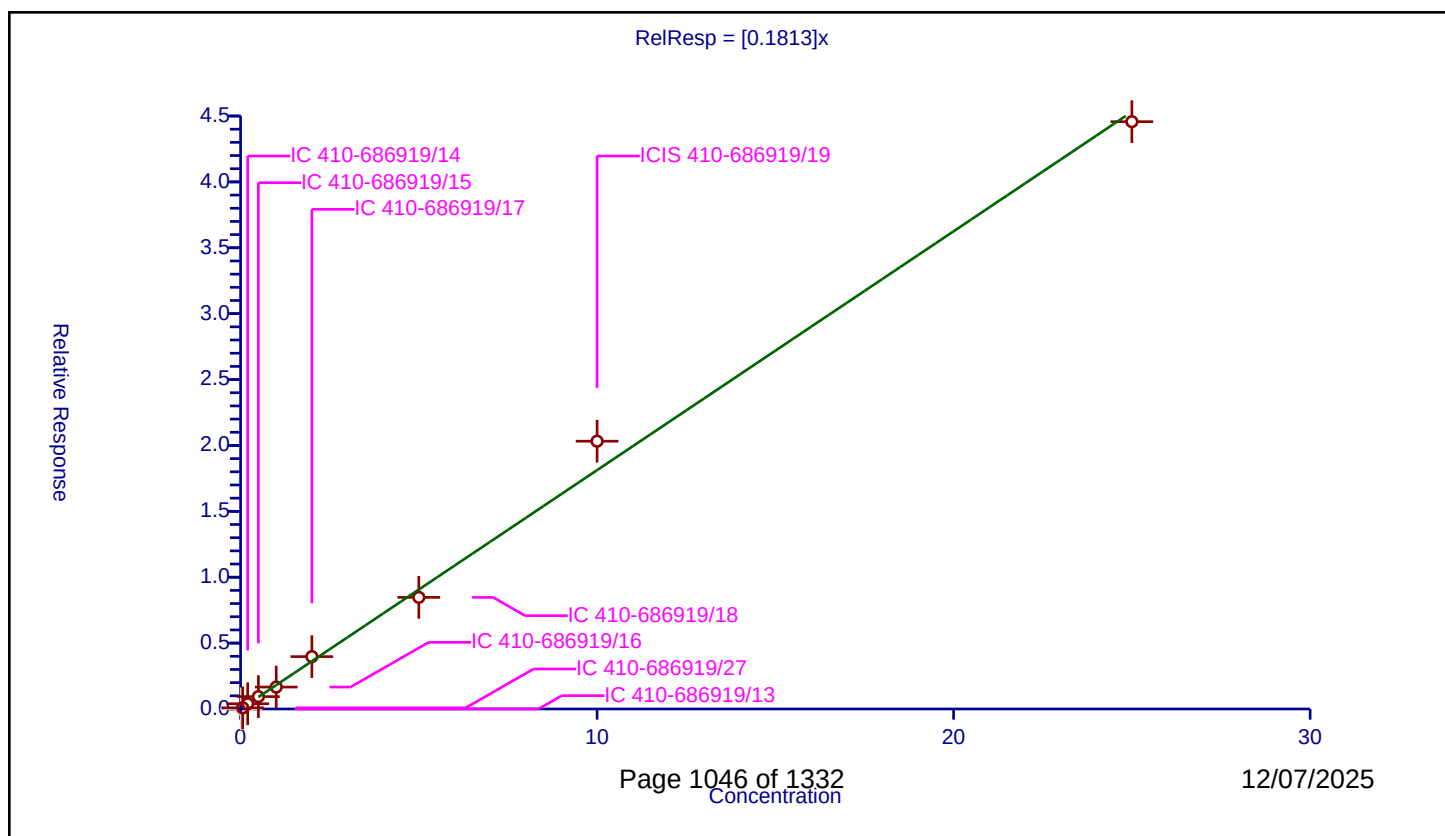
Curve Coefficients

Intercept: 0
Slope: 0.1813

Error Coefficients

Relative Standard Deviation: 10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.000645	10.0	1675538.0	0.032228	N
2	IC 410-686919/27	0.06	0.008827	10.0	1502222.0	0.147115	Y
3	IC 410-686919/14	0.2	0.039771	10.0	1713039.0	0.198857	Y
4	IC 410-686919/15	0.5	0.094029	10.0	1592165.0	0.188058	Y
5	IC 410-686919/16	1.0	0.166403	10.0	1794141.0	0.166403	Y
6	IC 410-686919/17	2.0	0.397433	10.0	1530949.0	0.198717	Y
7	IC 410-686919/18	5.0	0.847052	10.0	1717699.0	0.16941	Y
8	ICIS 410-686919/19	10.0	2.032374	10.0	1473759.0	0.203237	Y
9	IC 410-686919/20	25.0	4.457154	10.0	1676902.0	0.178286	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

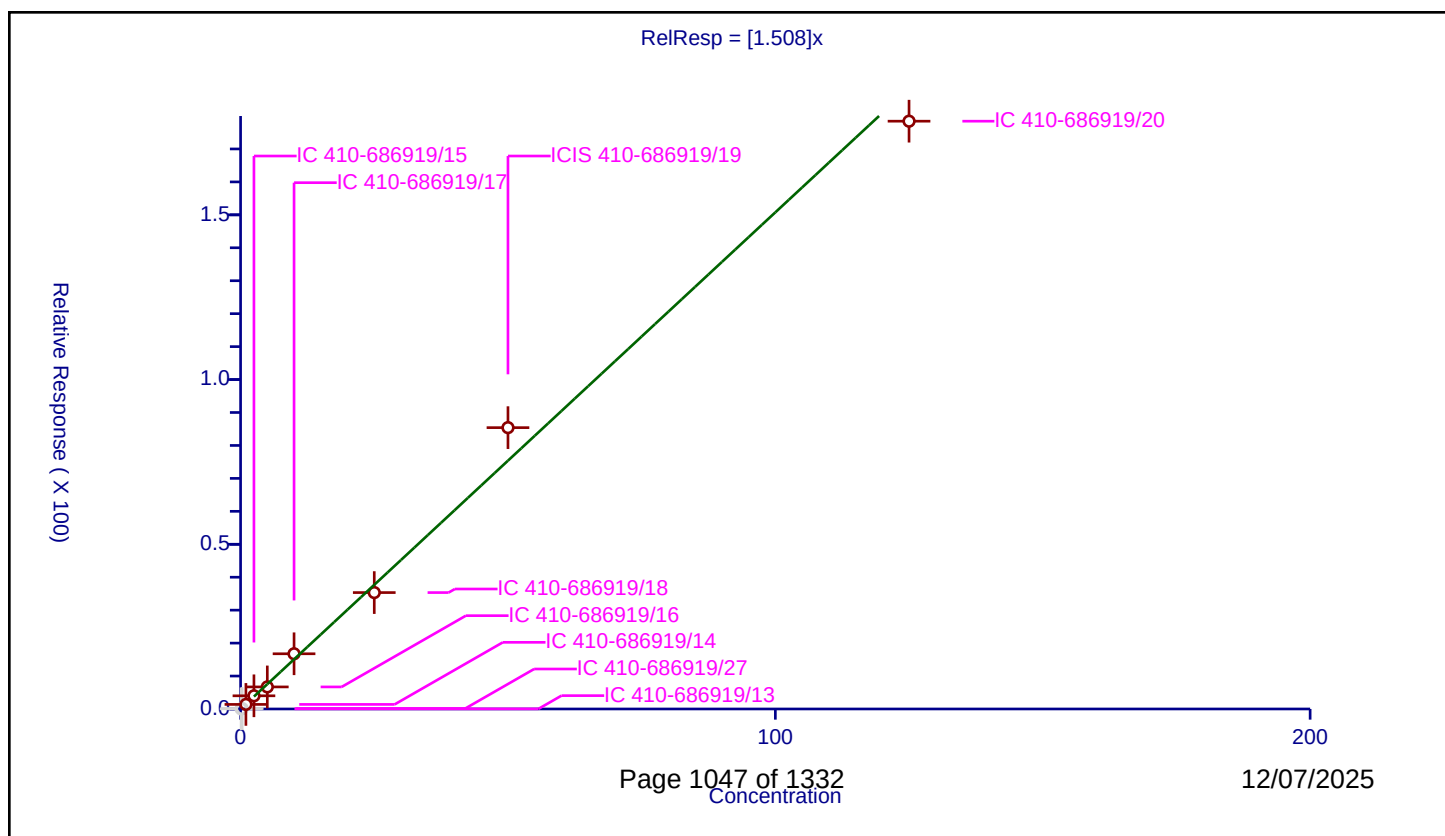
Curve Coefficients

Intercept: 0
Slope: 1.508

Error Coefficients

Relative Standard Deviation: 10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.1	0.042797	50.0	142532.0	0.427974	N
2	IC 410-686919/27	0.3	0.141179	50.0	117227.0	0.470597	N
3	IC 410-686919/14	1.0	1.388455	50.0	150383.0	1.388455	Y
4	IC 410-686919/15	2.5	4.001227	50.0	133634.0	1.600491	Y
5	IC 410-686919/16	5.0	6.696726	50.0	144160.0	1.339345	Y
6	IC 410-686919/17	10.0	16.761468	50.0	122361.0	1.676147	Y
7	IC 410-686919/18	25.0	35.334764	50.0	141174.0	1.413391	Y
8	ICIS 410-686919/19	50.0	85.404985	50.0	123412.0	1.7081	Y
9	IC 410-686919/20	125.0	178.430677	50.0	148032.0	1.427445	Y



Calibration

/ Chloroform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

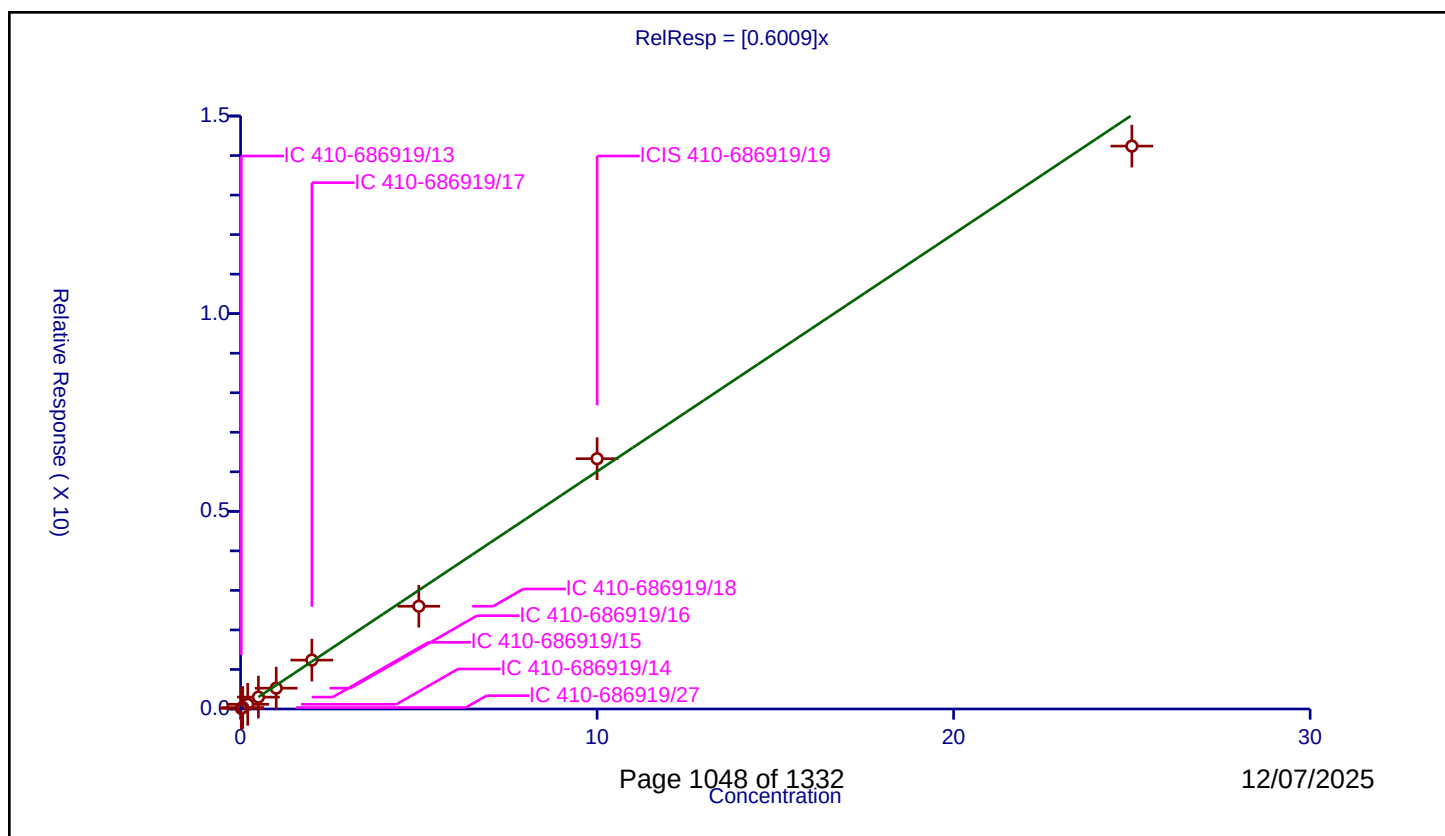
Curve Coefficients

Intercept: 0
Slope: 0.6009

Error Coefficients

Relative Standard Deviation: 11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.01495	10.0	1675538.0	0.747521	Y
2	IC 410-686919/27	0.06	0.03594	10.0	1502222.0	0.599002	Y
3	IC 410-686919/14	0.2	0.118532	10.0	1713039.0	0.59266	Y
4	IC 410-686919/15	0.5	0.300396	10.0	1592165.0	0.600792	Y
5	IC 410-686919/16	1.0	0.526798	10.0	1794141.0	0.526798	Y
6	IC 410-686919/17	2.0	1.236873	10.0	1530949.0	0.618437	Y
7	IC 410-686919/18	5.0	2.599023	10.0	1717699.0	0.519805	Y
8	ICIS 410-686919/19	10.0	6.331788	10.0	1473759.0	0.633179	Y
9	IC 410-686919/20	25.0	14.239031	10.0	1676902.0	0.569561	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

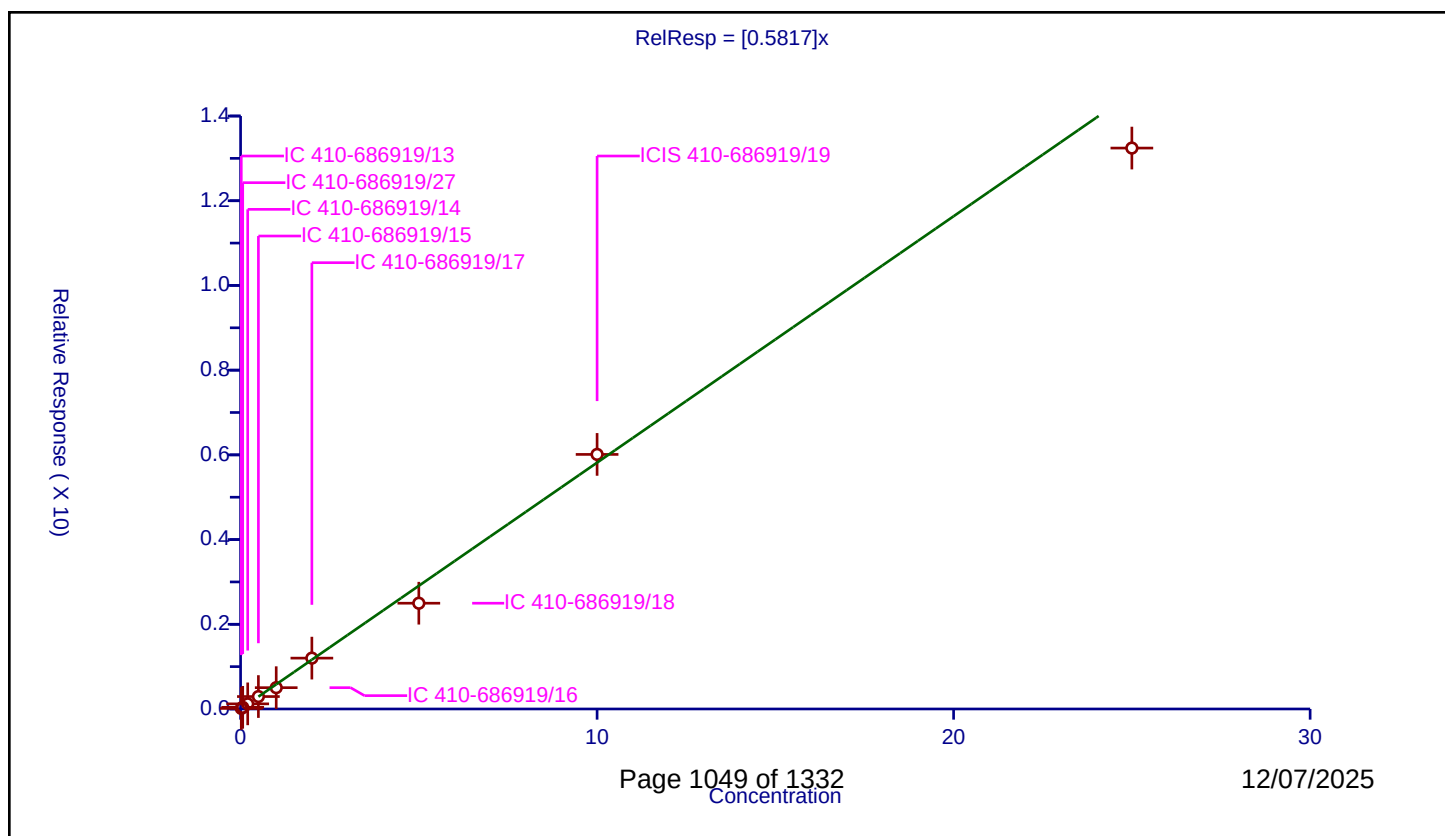
Curve Coefficients

Intercept: 0
Slope: 0.5817

Error Coefficients

Relative Standard Deviation: 10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.012921	10.0	1675538.0	0.646061	Y
2	IC 410-686919/27	0.06	0.039641	10.0	1502222.0	0.660688	Y
3	IC 410-686919/14	0.2	0.121299	10.0	1713039.0	0.606495	Y
4	IC 410-686919/15	0.5	0.293914	10.0	1592165.0	0.587829	Y
5	IC 410-686919/16	1.0	0.503238	10.0	1794141.0	0.503238	Y
6	IC 410-686919/17	2.0	1.200798	10.0	1530949.0	0.600399	Y
7	IC 410-686919/18	5.0	2.497242	10.0	1717699.0	0.499448	Y
8	ICIS 410-686919/19	10.0	6.010582	10.0	1473759.0	0.601058	Y
9	IC 410-686919/20	25.0	13.243278	10.0	1676902.0	0.529731	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

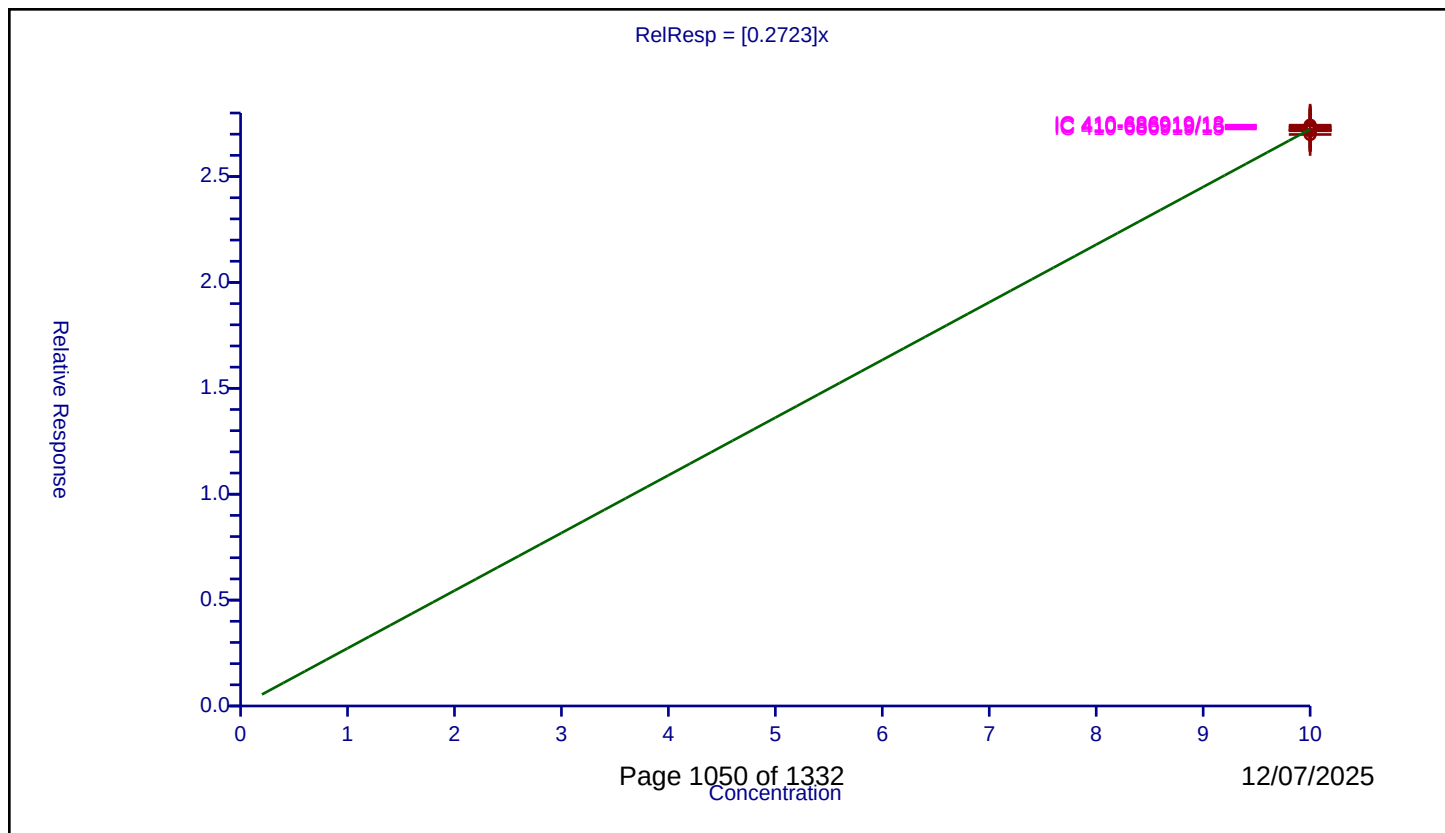
Curve Coefficients

Intercept: 0
 Slope: 0.2723

Error Coefficients

Relative Standard Deviation: 0.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	10.0	2.742546	10.0	1675538.0	0.274255	Y
2	IC 410-686919/14	10.0	2.719372	10.0	1713039.0	0.271937	Y
3	IC 410-686919/15	10.0	2.7249	10.0	1592165.0	0.27249	Y
4	IC 410-686919/16	10.0	2.732595	10.0	1794141.0	0.273259	Y
5	IC 410-686919/17	10.0	2.718203	10.0	1530949.0	0.27182	Y
6	IC 410-686919/18	10.0	2.73591	10.0	1717699.0	0.273591	Y
7	ICIS 410-686919/19	10.0	2.698691	10.0	1473759.0	0.269869	Y
8	IC 410-686919/20	10.0	2.716026	10.0	1676902.0	0.271603	Y
9	IC 410-686919/27	10.0	2.720503	10.0	1502222.0	0.27205	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

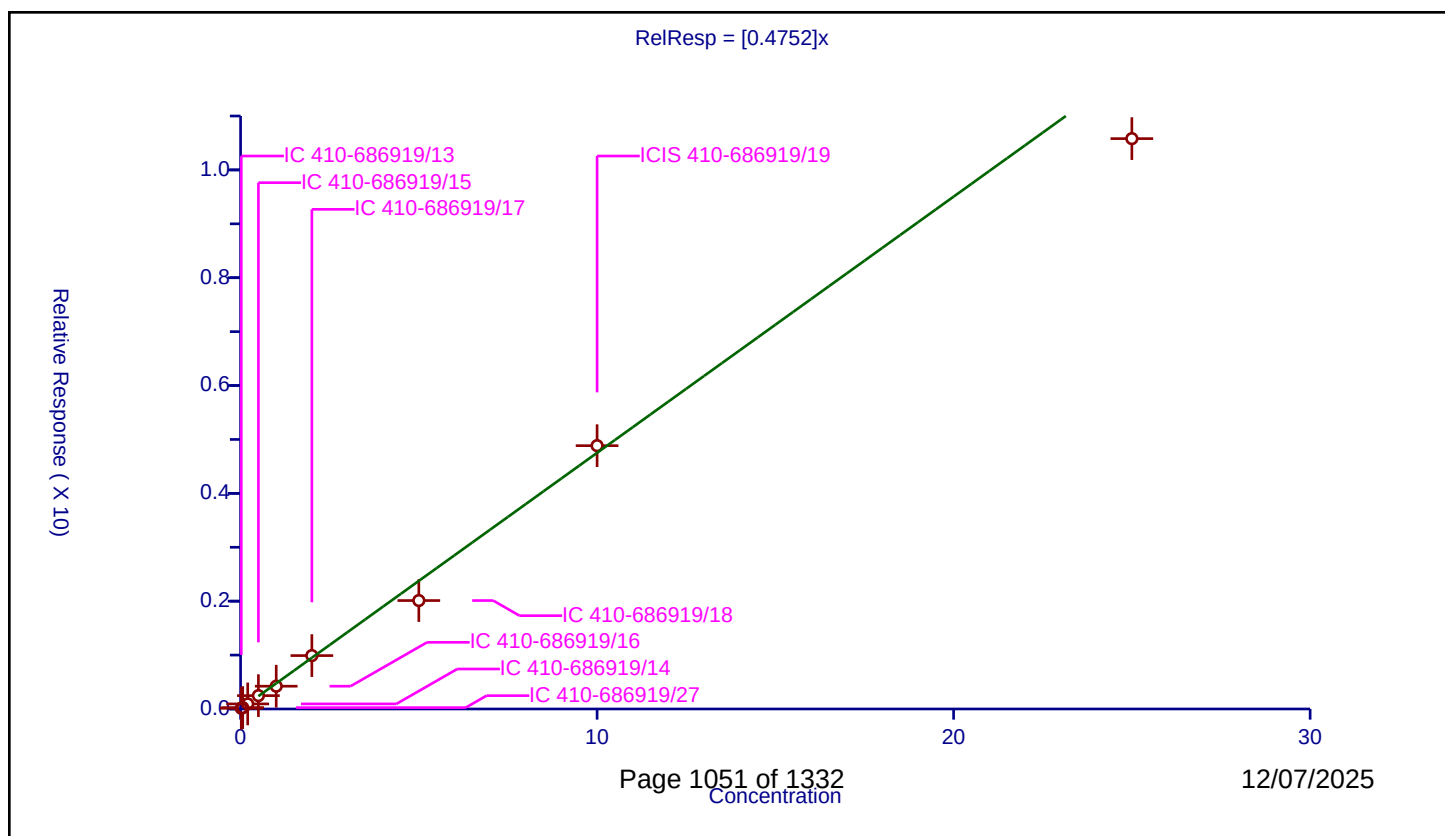
Curve Coefficients

Intercept: 0
Slope: 0.4752

Error Coefficients

Relative Standard Deviation: 15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.013035	10.0	1675538.0	0.651731	Y
2	IC 410-686919/27	0.06	0.025555	10.0	1502222.0	0.425925	Y
3	IC 410-686919/14	0.2	0.094359	10.0	1713039.0	0.471793	Y
4	IC 410-686919/15	0.5	0.247587	10.0	1592165.0	0.495175	Y
5	IC 410-686919/16	1.0	0.422854	10.0	1794141.0	0.422854	Y
6	IC 410-686919/17	2.0	0.990706	10.0	1530949.0	0.495353	Y
7	IC 410-686919/18	5.0	2.011388	10.0	1717699.0	0.402278	Y
8	ICIS 410-686919/19	10.0	4.884862	10.0	1473759.0	0.488486	Y
9	IC 410-686919/20	25.0	10.580362	10.0	1676902.0	0.423214	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

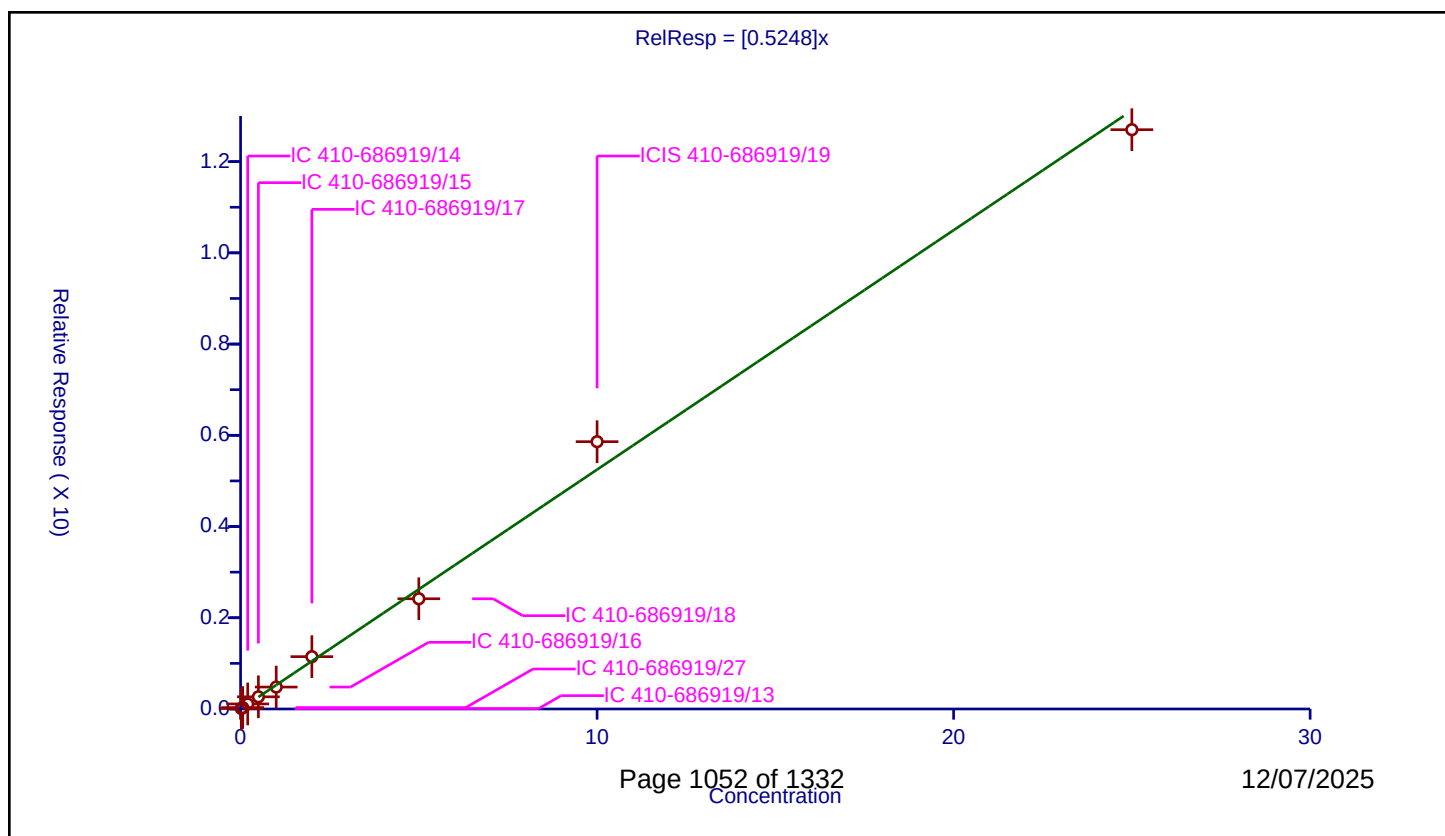
Curve Coefficients

Intercept: 0
Slope: 0.5248

Error Coefficients

Relative Standard Deviation: 7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.009728	10.0	1675538.0	0.486411	Y
2	IC 410-686919/27	0.06	0.031047	10.0	1502222.0	0.517456	Y
3	IC 410-686919/14	0.2	0.110727	10.0	1713039.0	0.553636	Y
4	IC 410-686919/15	0.5	0.267033	10.0	1592165.0	0.534065	Y
5	IC 410-686919/16	1.0	0.481127	10.0	1794141.0	0.481127	Y
6	IC 410-686919/17	2.0	1.147177	10.0	1530949.0	0.573589	Y
7	IC 410-686919/18	5.0	2.416314	10.0	1717699.0	0.483263	Y
8	ICIS 410-686919/19	10.0	5.860429	10.0	1473759.0	0.586043	Y
9	IC 410-686919/20	25.0	12.700027	10.0	1676902.0	0.508001	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

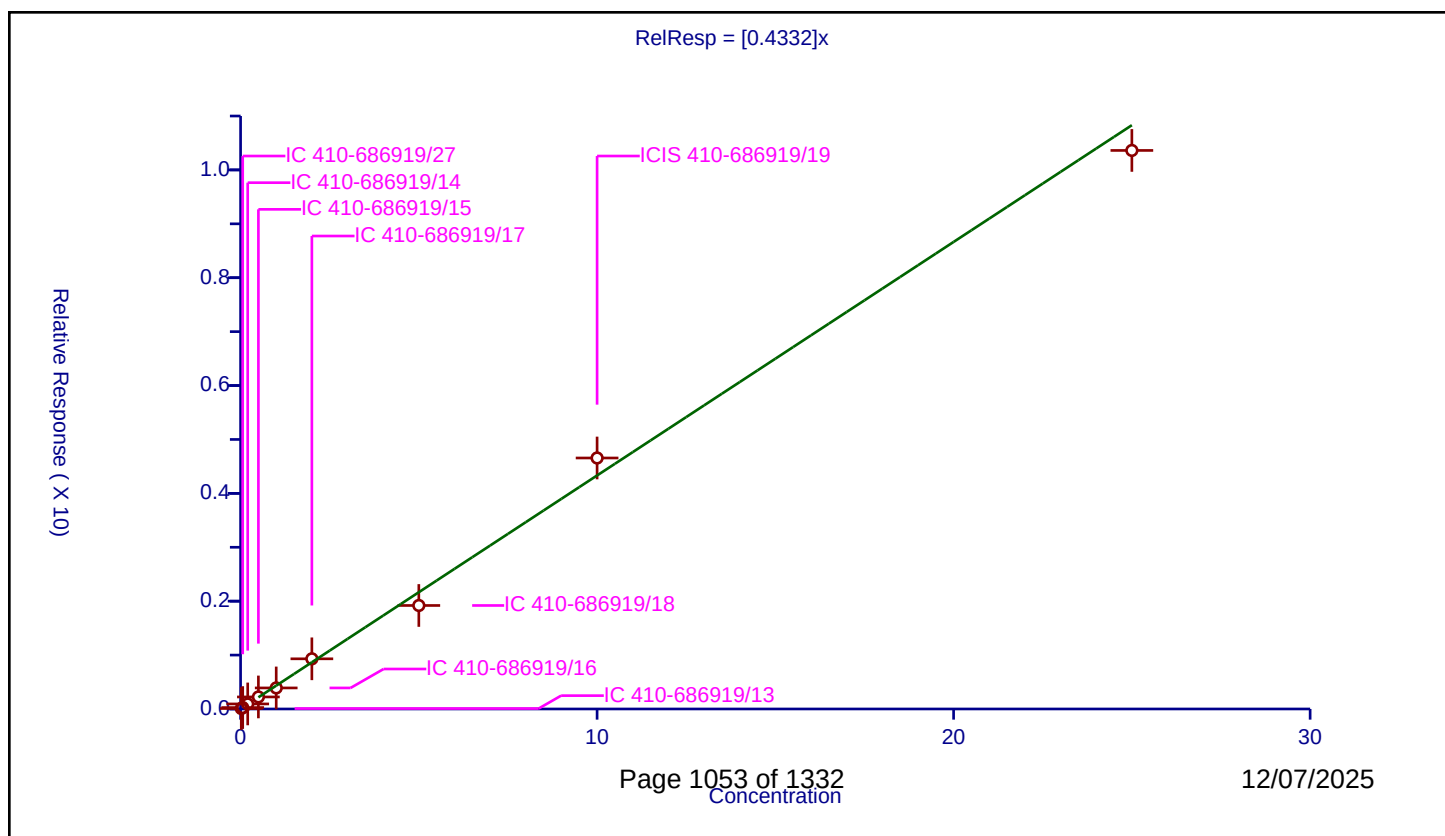
Curve Coefficients

Intercept: 0
Slope: 0.4332

Error Coefficients

Relative Standard Deviation: 7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.008499	10.0	1675538.0	0.424938	Y
2	IC 410-686919/27	0.06	0.026334	10.0	1502222.0	0.438905	Y
3	IC 410-686919/14	0.2	0.093734	10.0	1713039.0	0.46867	Y
4	IC 410-686919/15	0.5	0.223105	10.0	1592165.0	0.44621	Y
5	IC 410-686919/16	1.0	0.390594	10.0	1794141.0	0.390594	Y
6	IC 410-686919/17	2.0	0.930658	10.0	1530949.0	0.465329	Y
7	IC 410-686919/18	5.0	1.920307	10.0	1717699.0	0.384061	Y
8	ICIS 410-686919/19	10.0	4.656426	10.0	1473759.0	0.465643	Y
9	IC 410-686919/20	25.0	10.361124	10.0	1676902.0	0.414445	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

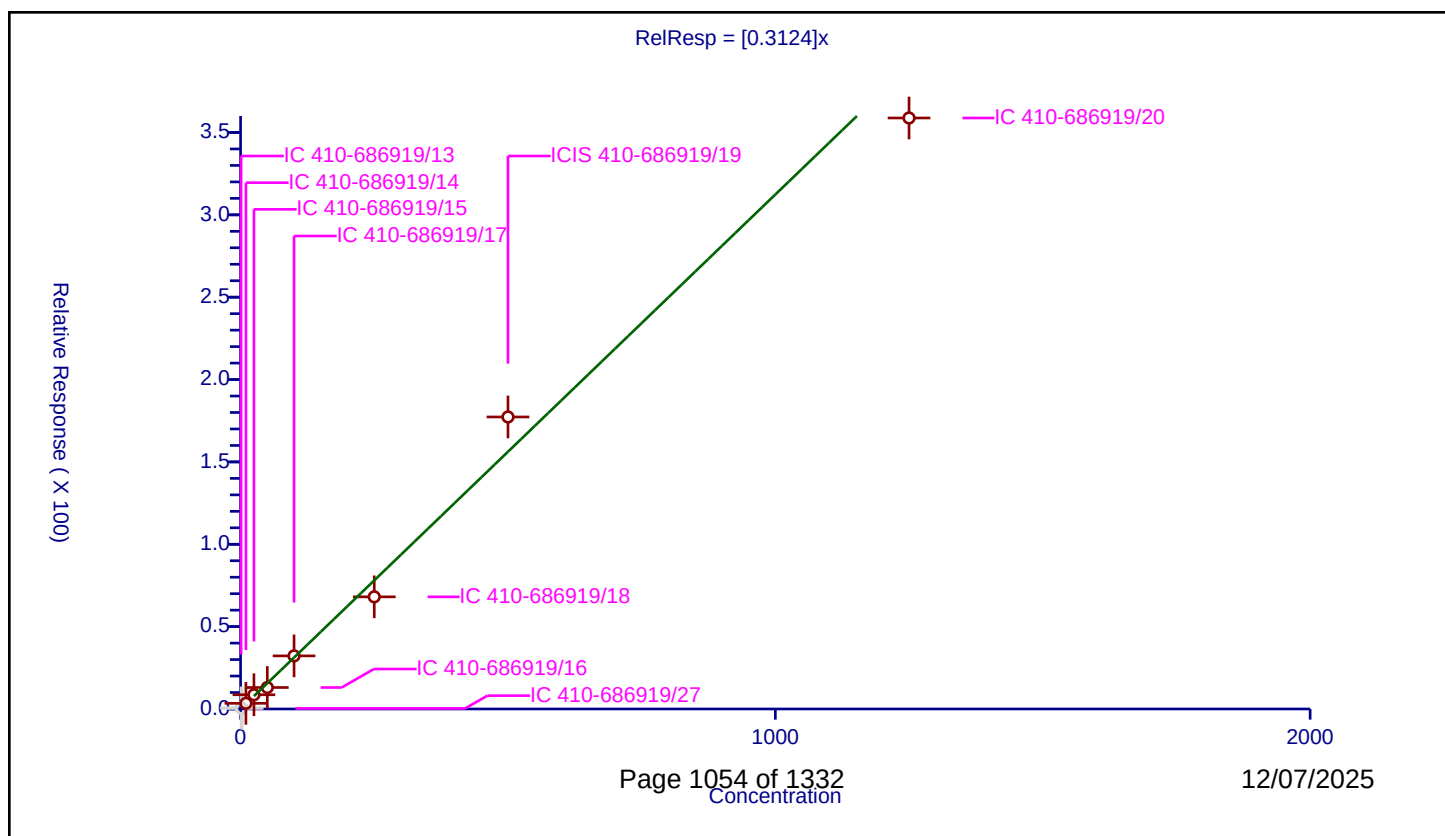
Curve Coefficients

Intercept: 0
Slope: 0.3124

Error Coefficients

Relative Standard Deviation: 12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	1.0	0.653888	50.0	142532.0	0.653888	N
2	IC 410-686919/27	3.0	0.358279	50.0	117227.0	0.119426	N
3	IC 410-686919/14	10.0	3.436559	50.0	150383.0	0.343656	Y
4	IC 410-686919/15	25.0	8.641513	50.0	133634.0	0.345661	Y
5	IC 410-686919/16	50.0	13.040719	50.0	144160.0	0.260814	Y
6	IC 410-686919/17	100.0	32.235761	50.0	122361.0	0.322358	Y
7	IC 410-686919/18	250.0	68.092567	50.0	141174.0	0.27237	Y
8	ICIS 410-686919/19	500.0	177.278142	50.0	123412.0	0.354556	Y
9	IC 410-686919/20	1250.0	358.799449	50.0	148032.0	0.28704	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

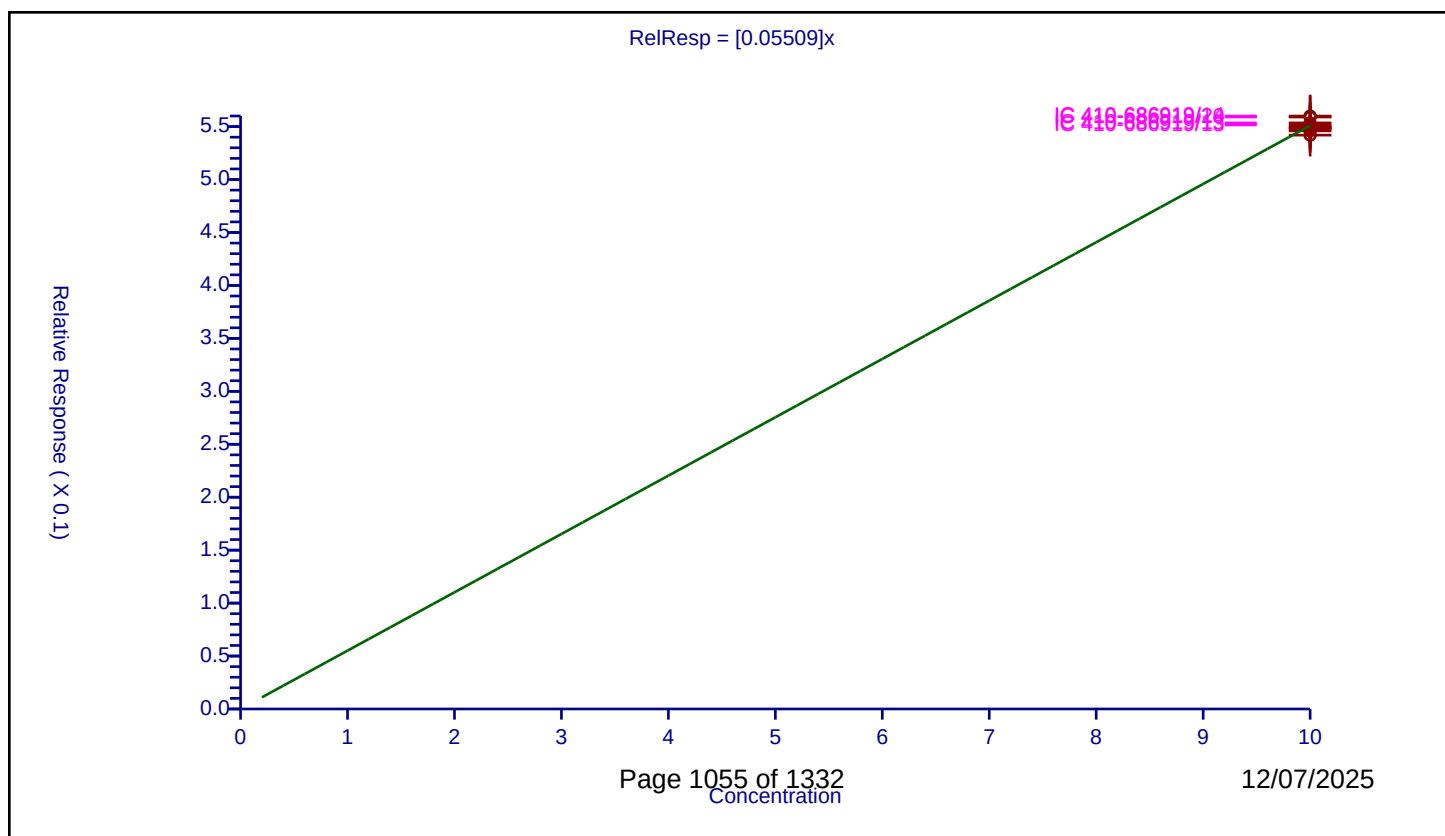
Curve Coefficients

Intercept: 0
Slope: 0.05509

Error Coefficients

Relative Standard Deviation: 1.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	10.0	0.551566	10.0	1675538.0	0.055157	Y
2	IC 410-686919/14	10.0	0.559952	10.0	1713039.0	0.055995	Y
3	IC 410-686919/15	10.0	0.553467	10.0	1592165.0	0.055347	Y
4	IC 410-686919/16	10.0	0.541953	10.0	1794141.0	0.054195	Y
5	IC 410-686919/17	10.0	0.547804	10.0	1530949.0	0.05478	Y
6	IC 410-686919/18	10.0	0.548944	10.0	1717699.0	0.054894	Y
7	ICIS 410-686919/19	10.0	0.54969	10.0	1473759.0	0.054969	Y
8	IC 410-686919/20	10.0	0.559037	10.0	1676902.0	0.055904	Y
9	IC 410-686919/27	10.0	0.545998	10.0	1502222.0	0.0546	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

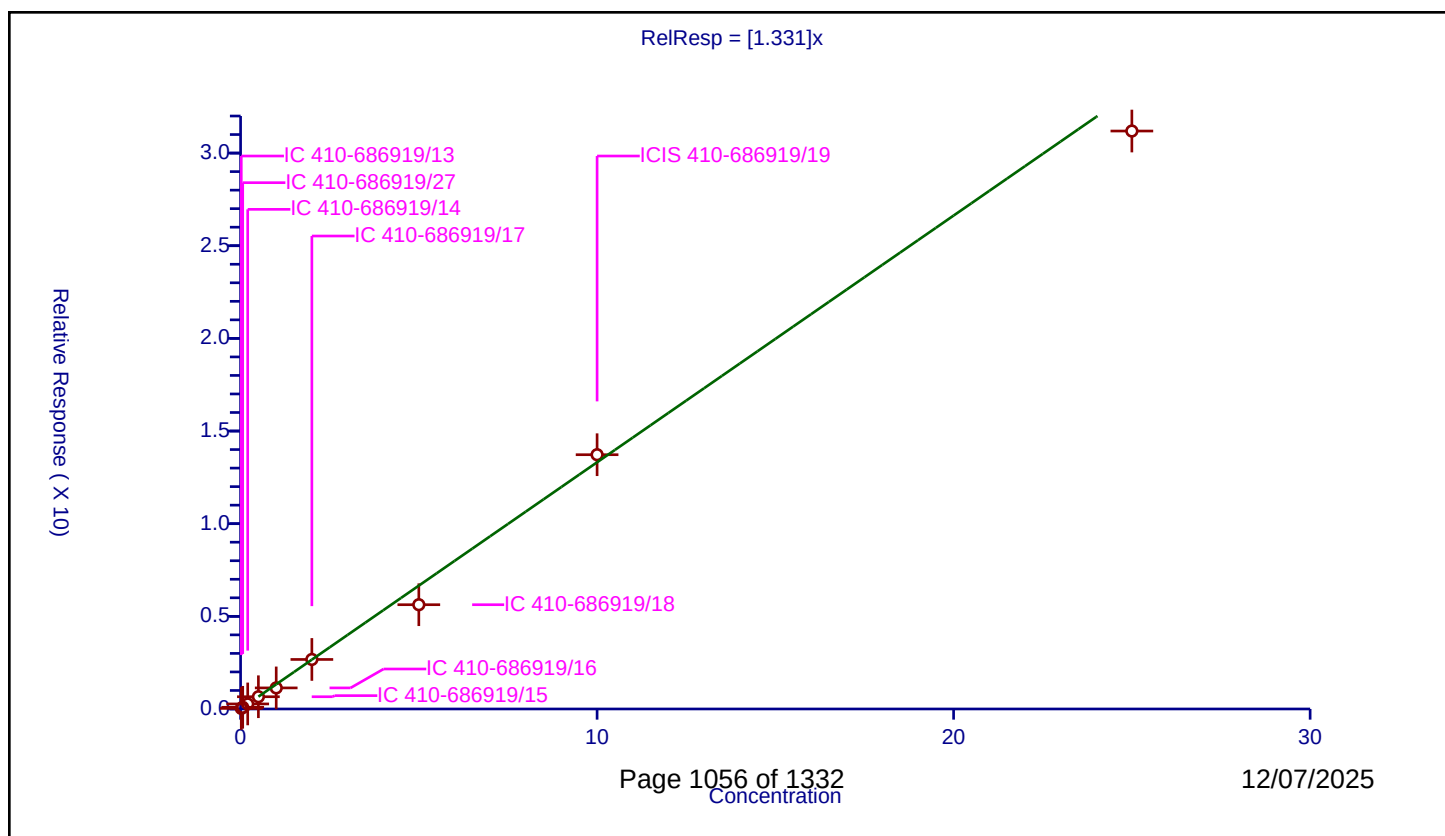
Curve Coefficients

Intercept: 0
Slope: 1.331

Error Coefficients

Relative Standard Deviation: 11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.03122	10.0	1675538.0	1.560991	Y
2	IC 410-686919/27	0.06	0.091112	10.0	1502222.0	1.518528	Y
3	IC 410-686919/14	0.2	0.272195	10.0	1713039.0	1.360973	Y
4	IC 410-686919/15	0.5	0.661238	10.0	1592165.0	1.322476	Y
5	IC 410-686919/16	1.0	1.137274	10.0	1794141.0	1.137274	Y
6	IC 410-686919/17	2.0	2.673499	10.0	1530949.0	1.336749	Y
7	IC 410-686919/18	5.0	5.627988	10.0	1717699.0	1.125598	Y
8	ICIS 410-686919/19	10.0	13.722983	10.0	1473759.0	1.372298	Y
9	IC 410-686919/20	25.0	31.189259	10.0	1676902.0	1.24757	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

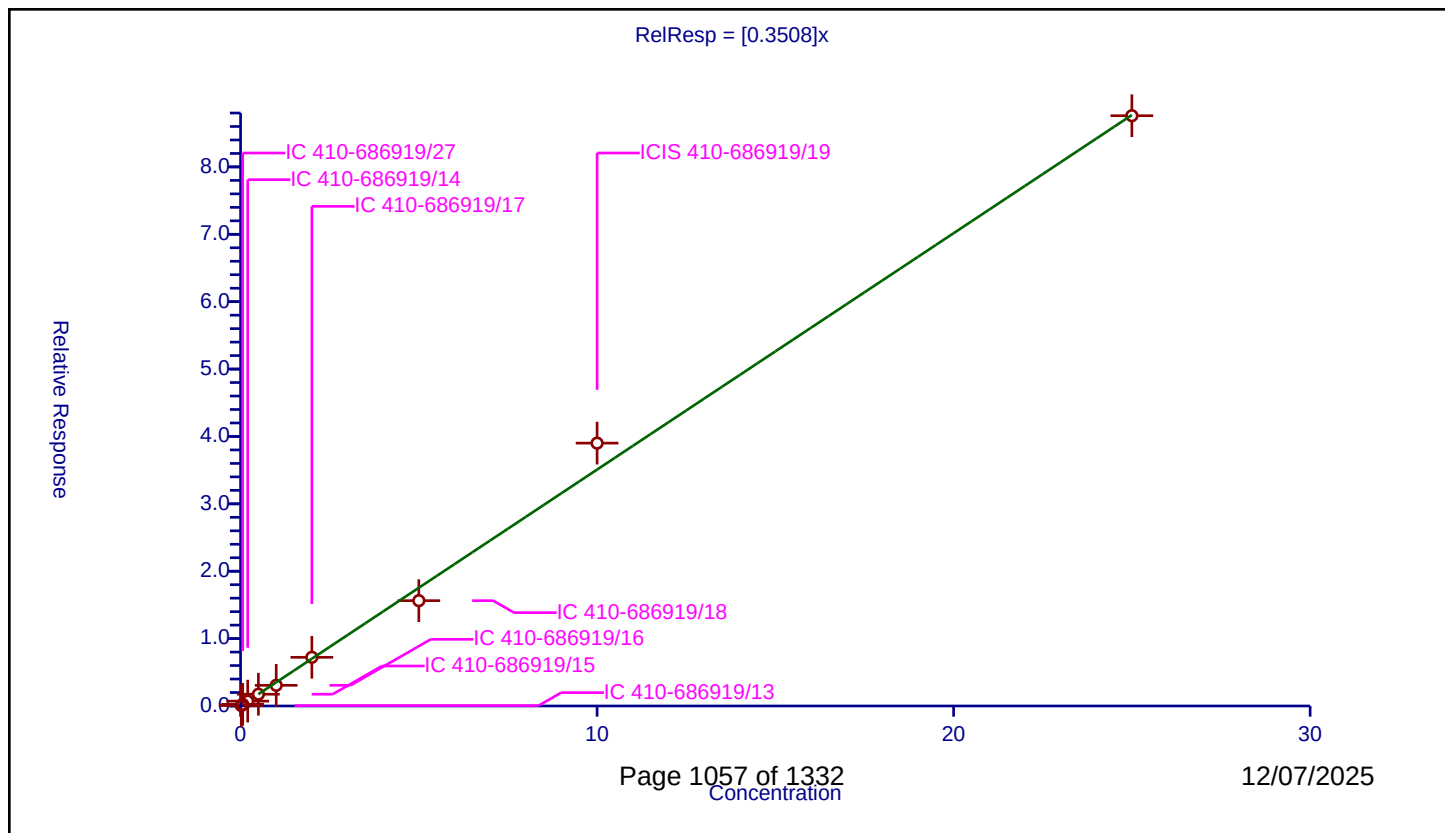
Curve Coefficients

Intercept: 0
Slope: 0.3508

Error Coefficients

Relative Standard Deviation: 10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.006285	10.0	1675538.0	0.314227	Y
2	IC 410-686919/27	0.06	0.024643	10.0	1502222.0	0.410725	Y
3	IC 410-686919/14	0.2	0.072415	10.0	1713039.0	0.362076	Y
4	IC 410-686919/15	0.5	0.174743	10.0	1592165.0	0.349486	Y
5	IC 410-686919/16	1.0	0.306542	10.0	1794141.0	0.306542	Y
6	IC 410-686919/17	2.0	0.722408	10.0	1530949.0	0.361204	Y
7	IC 410-686919/18	5.0	1.56287	10.0	1717699.0	0.312574	Y
8	ICIS 410-686919/19	10.0	3.901086	10.0	1473759.0	0.390109	Y
9	IC 410-686919/20	25.0	8.759999	10.0	1676902.0	0.3504	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

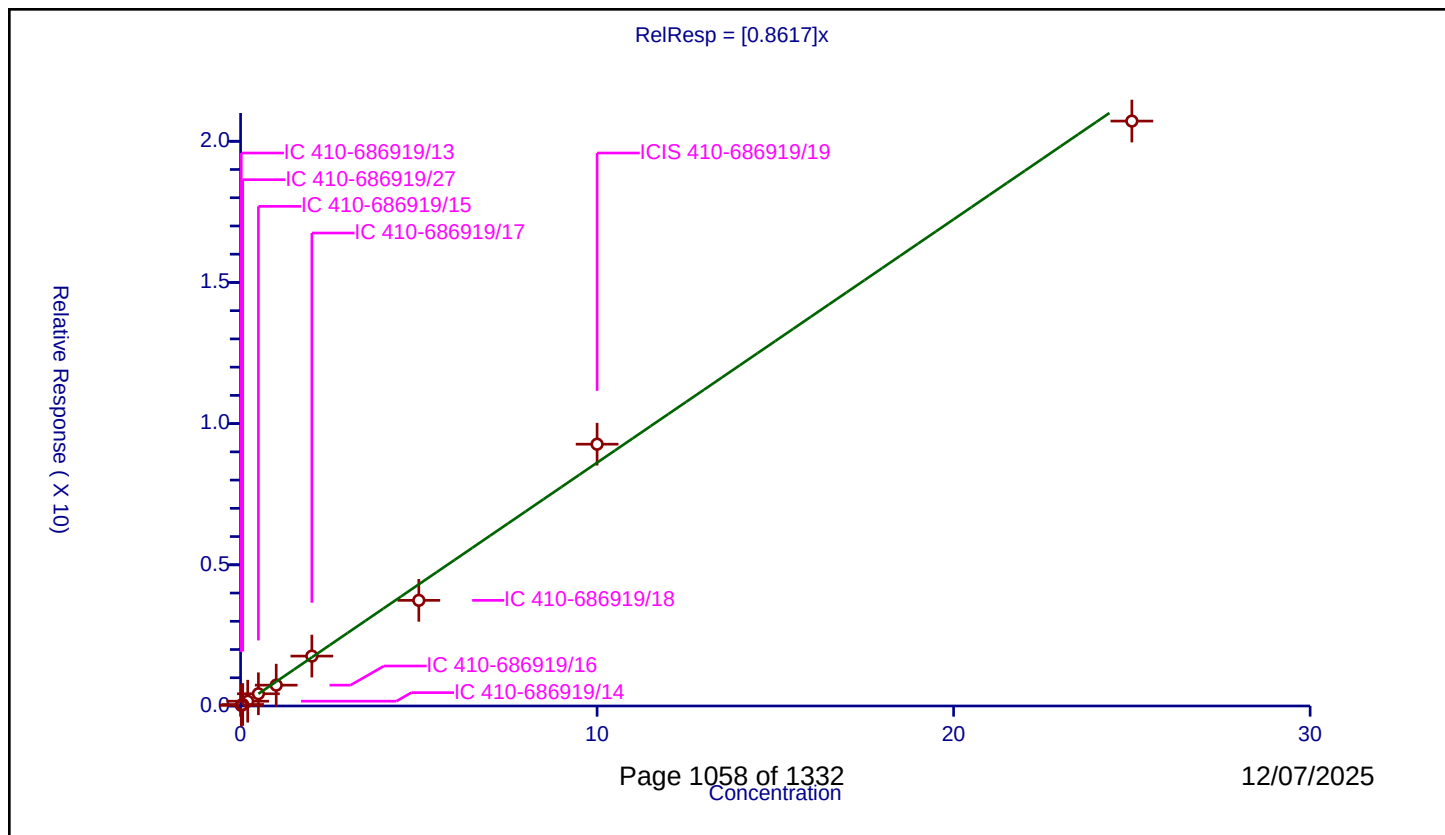
Curve Coefficients

Intercept: 0
Slope: 0.8617

Error Coefficients

Relative Standard Deviation: 10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.020626	10.0	1675538.0	1.031311	Y
2	IC 410-686919/27	0.06	0.053121	10.0	1502222.0	0.885355	Y
3	IC 410-686919/14	0.2	0.169342	10.0	1713039.0	0.846712	Y
4	IC 410-686919/15	0.5	0.433309	10.0	1592165.0	0.866619	Y
5	IC 410-686919/16	1.0	0.737829	10.0	1794141.0	0.737829	Y
6	IC 410-686919/17	2.0	1.767237	10.0	1530949.0	0.883619	Y
7	IC 410-686919/18	5.0	3.740749	10.0	1717699.0	0.74815	Y
8	ICIS 410-686919/19	10.0	9.27117	10.0	1473759.0	0.927117	Y
9	IC 410-686919/20	25.0	20.714979	10.0	1676902.0	0.828599	Y



Calibration

/ n-Heptane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

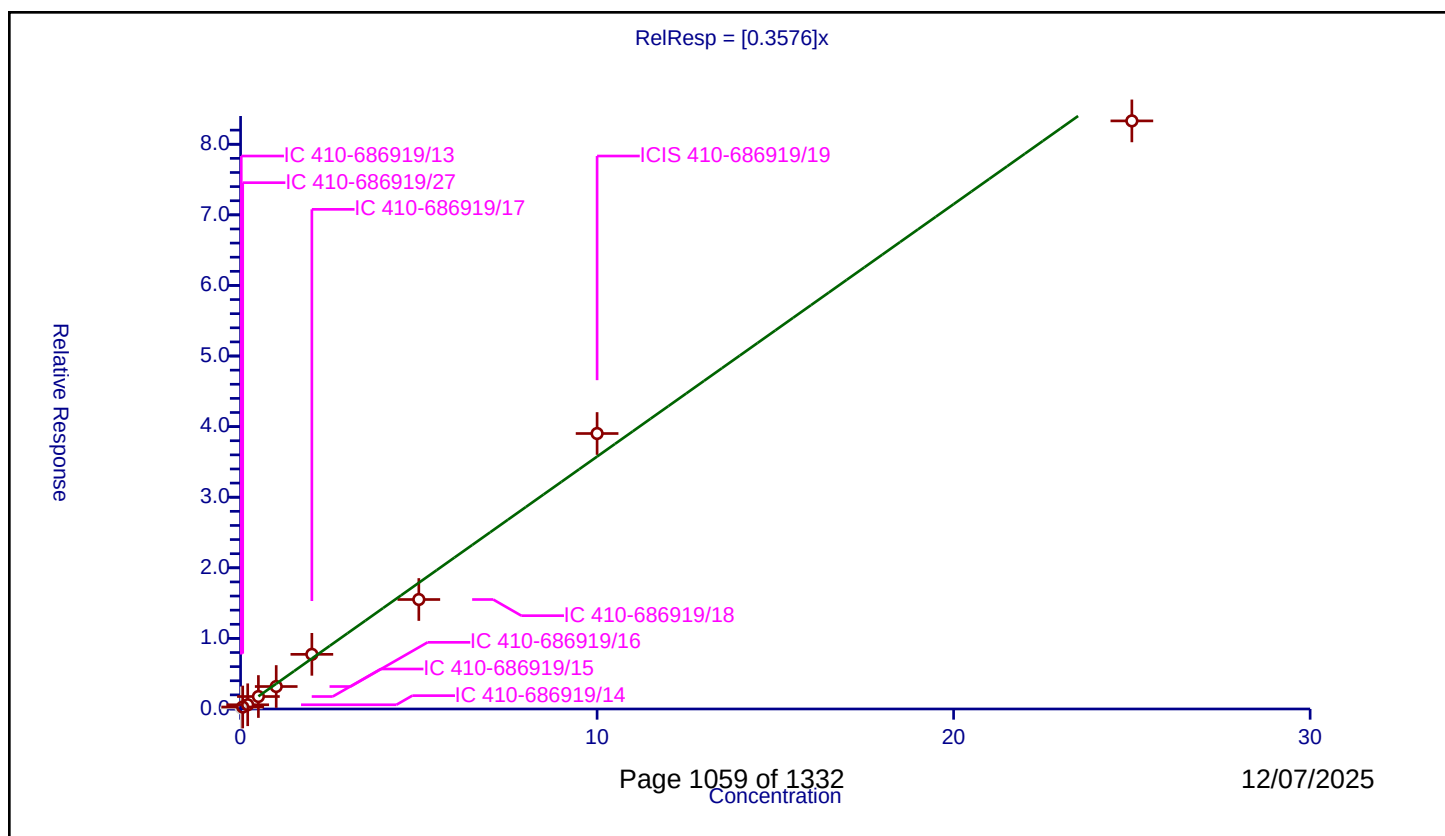
Curve Coefficients

Intercept: 0
Slope: 0.3576

Error Coefficients

Relative Standard Deviation: 15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.016108	10.0	1675538.0	0.805413	N
2	IC 410-686919/27	0.06	0.028185	10.0	1502222.0	0.469749	Y
3	IC 410-686919/14	0.2	0.059707	10.0	1713039.0	0.298534	Y
4	IC 410-686919/15	0.5	0.176539	10.0	1592165.0	0.353079	Y
5	IC 410-686919/16	1.0	0.318325	10.0	1794141.0	0.318325	Y
6	IC 410-686919/17	2.0	0.774395	10.0	1530949.0	0.387198	Y
7	IC 410-686919/18	5.0	1.550772	10.0	1717699.0	0.310154	Y
8	ICIS 410-686919/19	10.0	3.90228	10.0	1473759.0	0.390228	Y
9	IC 410-686919/20	25.0	8.330821	10.0	1676902.0	0.333233	Y



Calibration

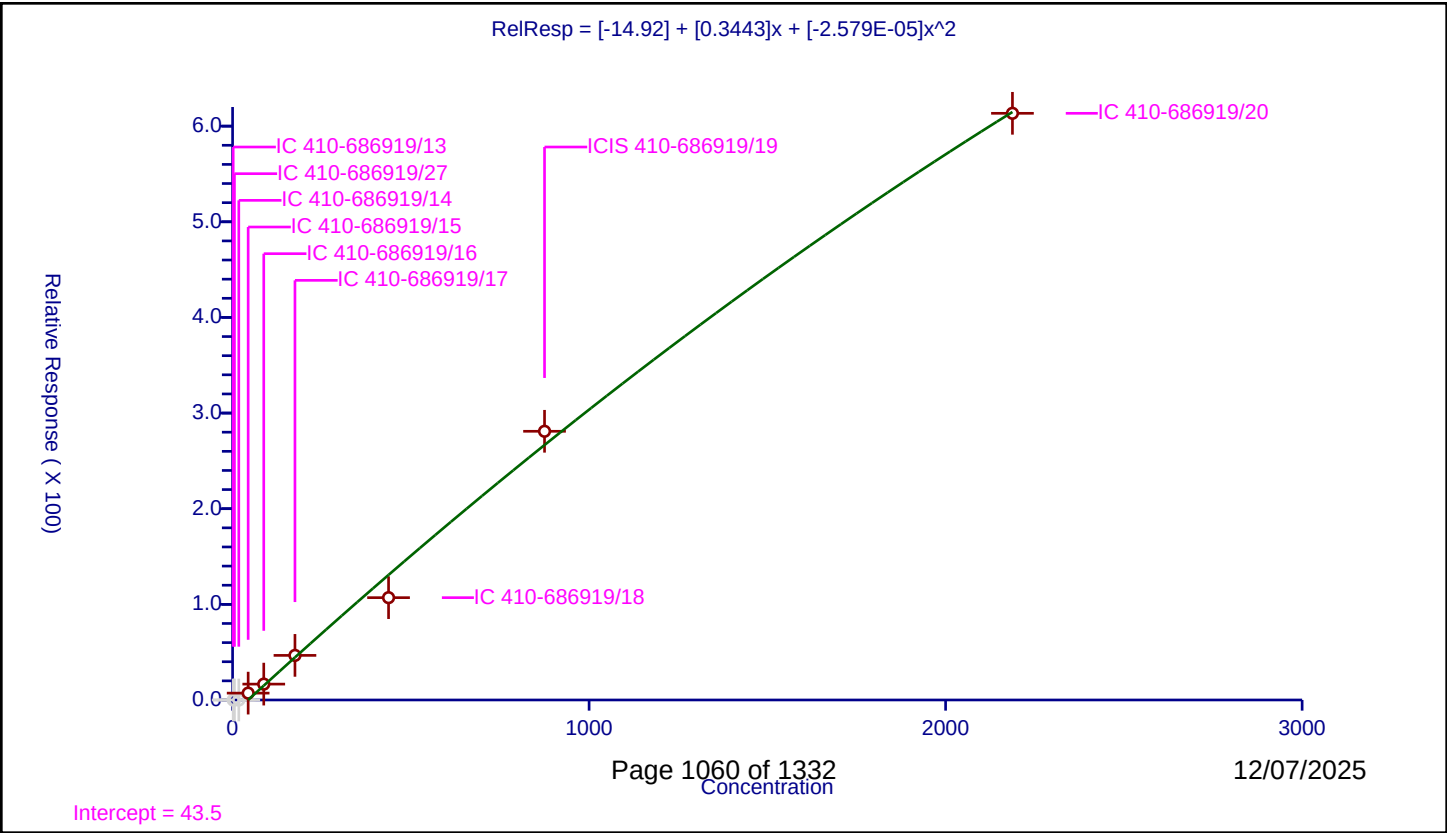
/ n-Butanol

Curve Type: Quadratic
Weighting: None
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	-14.92
Slope:	0.3443
Second Order:	-2.579E-05

Error Coefficients	
Relative Standard Deviation:	29.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	1.75	0.0	50.0	142532.0	0.0	N
2	IC 410-686919/27	5.25	0.0	50.0	117227.0	0.0	N
3	IC 410-686919/14	17.5	0.0	50.0	150383.0	0.0	N
4	IC 410-686919/15	43.75	7.171828	50.0	133634.0	0.163927	Y
5	IC 410-686919/16	87.5	16.605855	50.0	144160.0	0.189781	Y
6	IC 410-686919/17	175.0	46.629645	50.0	122361.0	0.266455	Y
7	IC 410-686919/18	437.5	106.995977	50.0	141174.0	0.244562	Y
8	ICIS 410-686919/19	875.0	280.964574	50.0	123412.0	0.321102	Y
9	IC 410-686919/20	2187.5	613.431893	50.0	148032.0	0.280426	Y



Calibration

/ Trichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

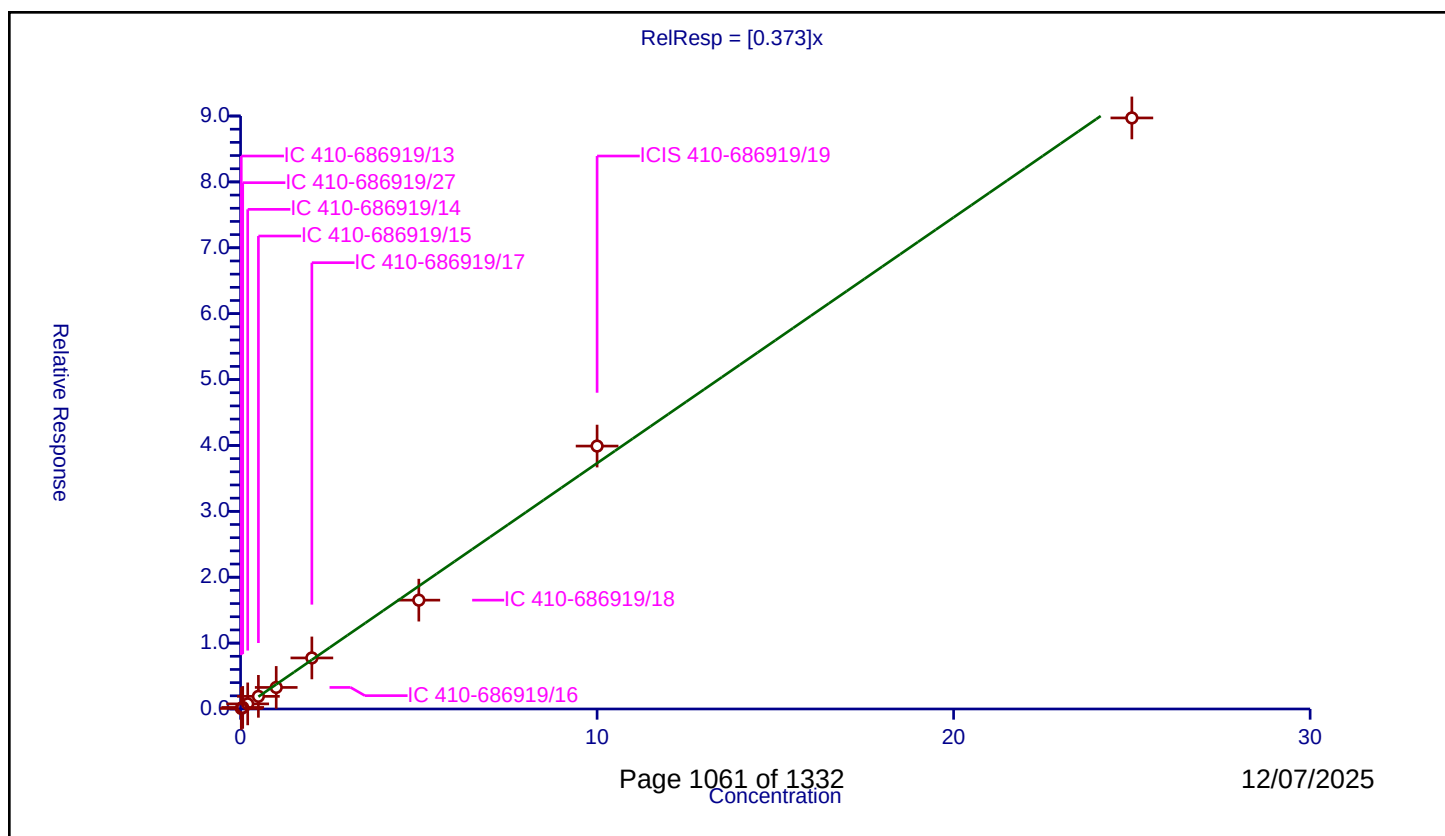
Curve Coefficients

Intercept: 0
Slope: 0.373

Error Coefficients

Relative Standard Deviation: 7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.0078	10.0	1675538.0	0.390024	Y
2	IC 410-686919/27	0.06	0.023592	10.0	1502222.0	0.393195	Y
3	IC 410-686919/14	0.2	0.077488	10.0	1713039.0	0.38744	Y
4	IC 410-686919/15	0.5	0.192059	10.0	1592165.0	0.384118	Y
5	IC 410-686919/16	1.0	0.327059	10.0	1794141.0	0.327059	Y
6	IC 410-686919/17	2.0	0.774716	10.0	1530949.0	0.387358	Y
7	IC 410-686919/18	5.0	1.651814	10.0	1717699.0	0.330363	Y
8	ICIS 410-686919/19	10.0	3.990564	10.0	1473759.0	0.399056	Y
9	IC 410-686919/20	25.0	8.970703	10.0	1676902.0	0.358828	Y



Calibration

/ Methylcyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

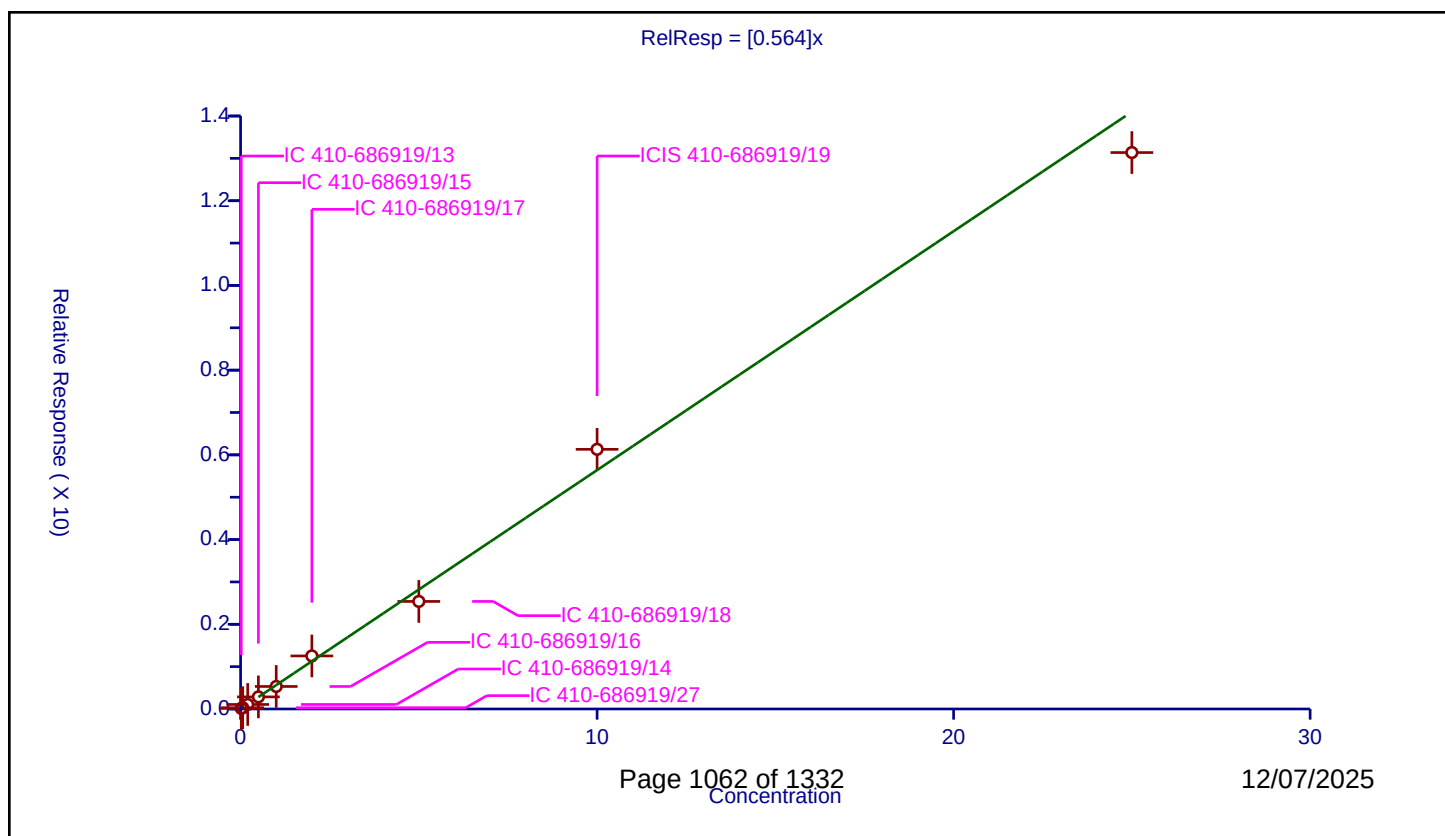
Curve Coefficients

Intercept: 0
Slope: 0.564

Error Coefficients

Relative Standard Deviation: 10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.013405	10.0	1675538.0	0.670232	Y
2	IC 410-686919/27	0.06	0.029876	10.0	1502222.0	0.497929	Y
3	IC 410-686919/14	0.2	0.106536	10.0	1713039.0	0.532679	Y
4	IC 410-686919/15	0.5	0.285234	10.0	1592165.0	0.570469	Y
5	IC 410-686919/16	1.0	0.531798	10.0	1794141.0	0.531798	Y
6	IC 410-686919/17	2.0	1.252478	10.0	1530949.0	0.626239	Y
7	IC 410-686919/18	5.0	2.539537	10.0	1717699.0	0.507907	Y
8	ICIS 410-686919/19	10.0	6.130901	10.0	1473759.0	0.61309	Y
9	IC 410-686919/20	25.0	13.137566	10.0	1676902.0	0.525503	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

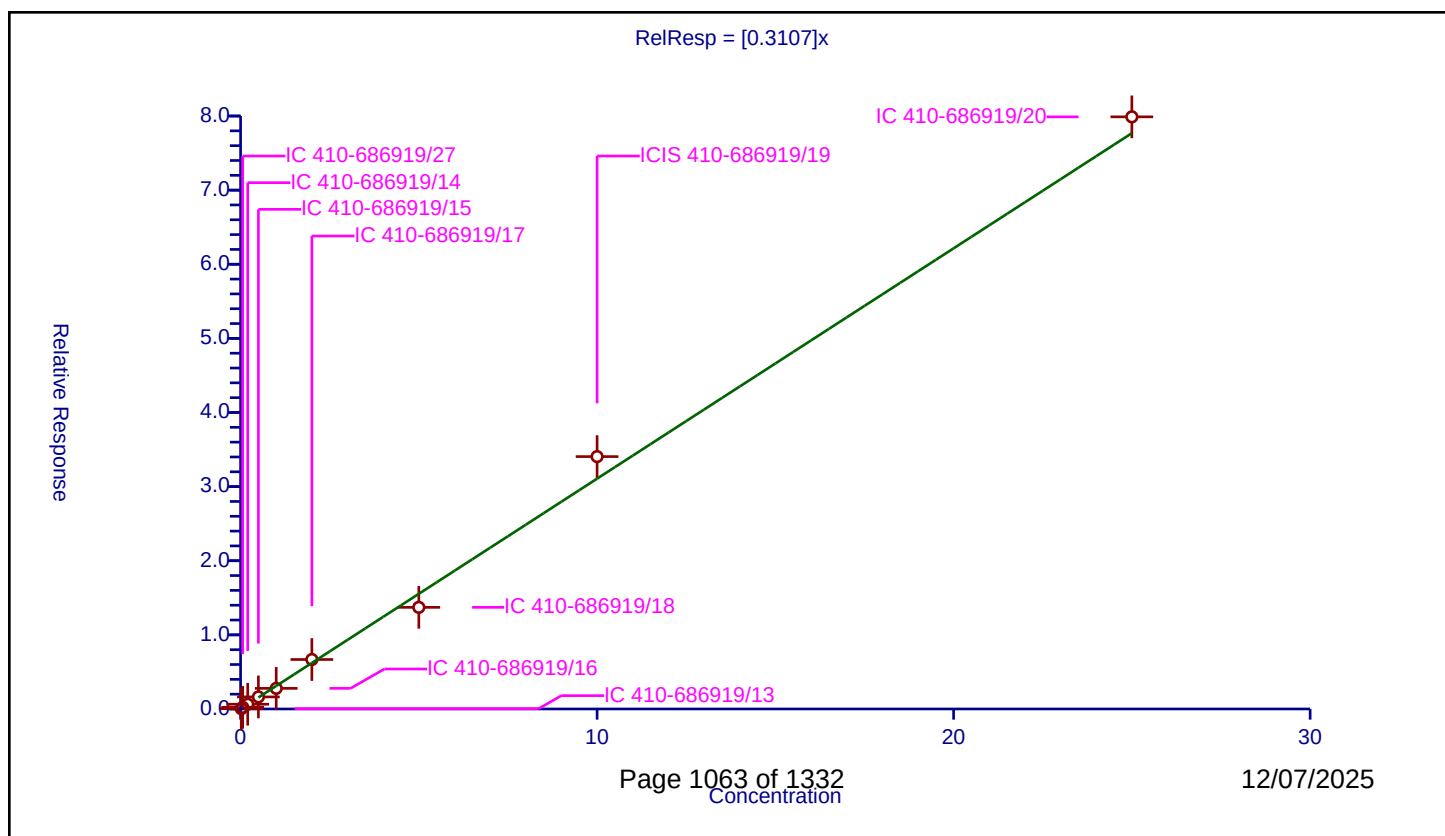
Curve Coefficients

Intercept: 0
Slope: 0.3107

Error Coefficients

Relative Standard Deviation: 14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.004458	10.0	1675538.0	0.222913	Y
2	IC 410-686919/27	0.06	0.02284	10.0	1502222.0	0.380658	Y
3	IC 410-686919/14	0.2	0.064266	10.0	1713039.0	0.32133	Y
4	IC 410-686919/15	0.5	0.162665	10.0	1592165.0	0.325331	Y
5	IC 410-686919/16	1.0	0.278267	10.0	1794141.0	0.278267	Y
6	IC 410-686919/17	2.0	0.667638	10.0	1530949.0	0.333819	Y
7	IC 410-686919/18	5.0	1.371399	10.0	1717699.0	0.27428	Y
8	ICIS 410-686919/19	10.0	3.405007	10.0	1473759.0	0.340501	Y
9	IC 410-686919/20	25.0	7.988881	10.0	1676902.0	0.319555	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

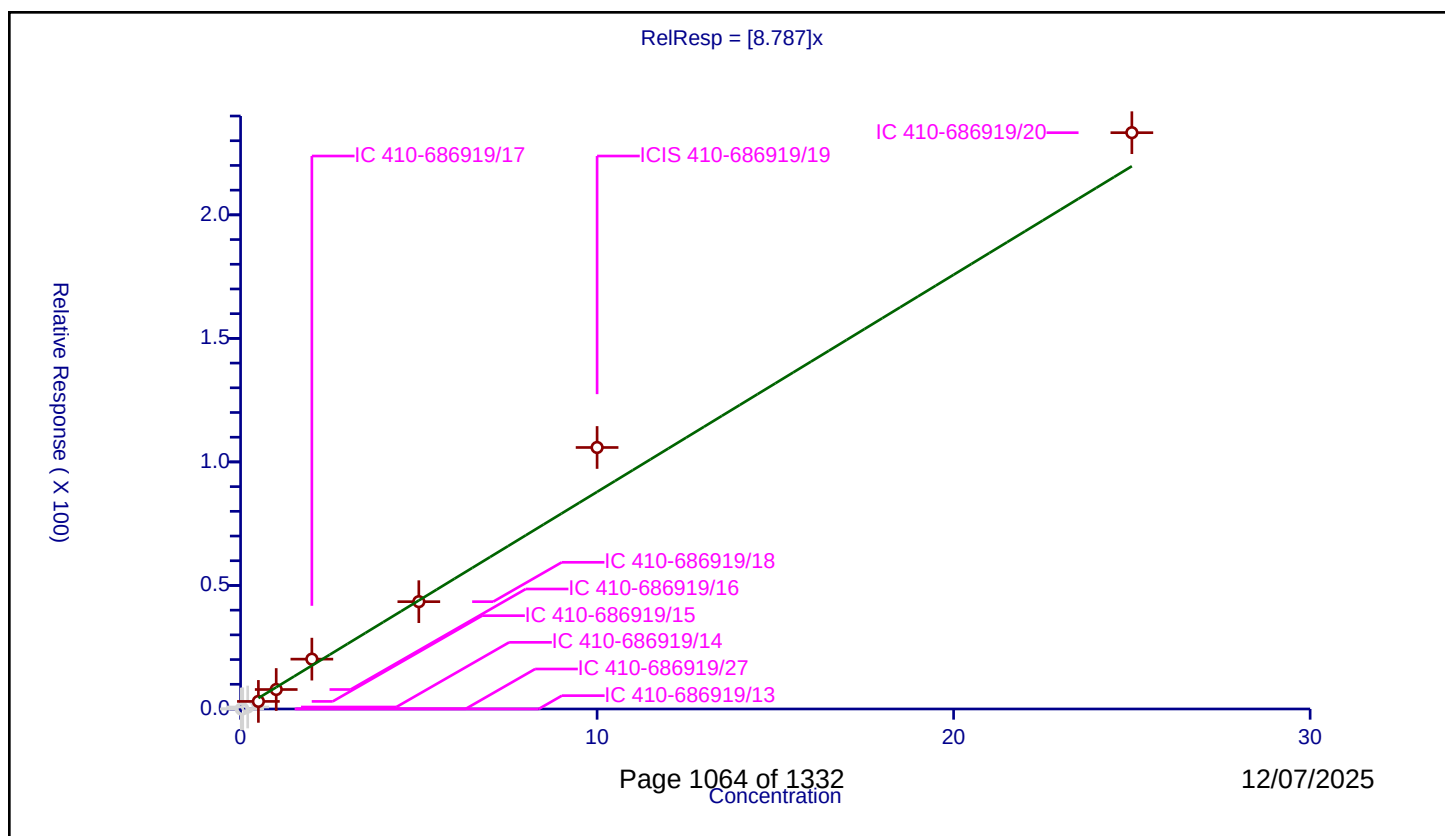
Curve Coefficients

Intercept: 0
Slope: 8.787

Error Coefficients

Relative Standard Deviation: 18.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.0	50.0	142532.0	0.0	N
2	IC 410-686919/27	0.06	0.082319	50.0	117227.0	1.371982	N
3	IC 410-686919/14	0.2	0.80295	50.0	150383.0	4.014749	N
4	IC 410-686919/15	0.5	3.073694	50.0	133634.0	6.147388	Y
5	IC 410-686919/16	1.0	7.885683	50.0	144160.0	7.885683	Y
6	IC 410-686919/17	2.0	20.178407	50.0	122361.0	10.089203	Y
7	IC 410-686919/18	5.0	43.439302	50.0	141174.0	8.68786	Y
8	ICIS 410-686919/19	10.0	105.84222	50.0	123412.0	10.584222	Y
9	IC 410-686919/20	25.0	233.254296	50.0	148032.0	9.330172	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

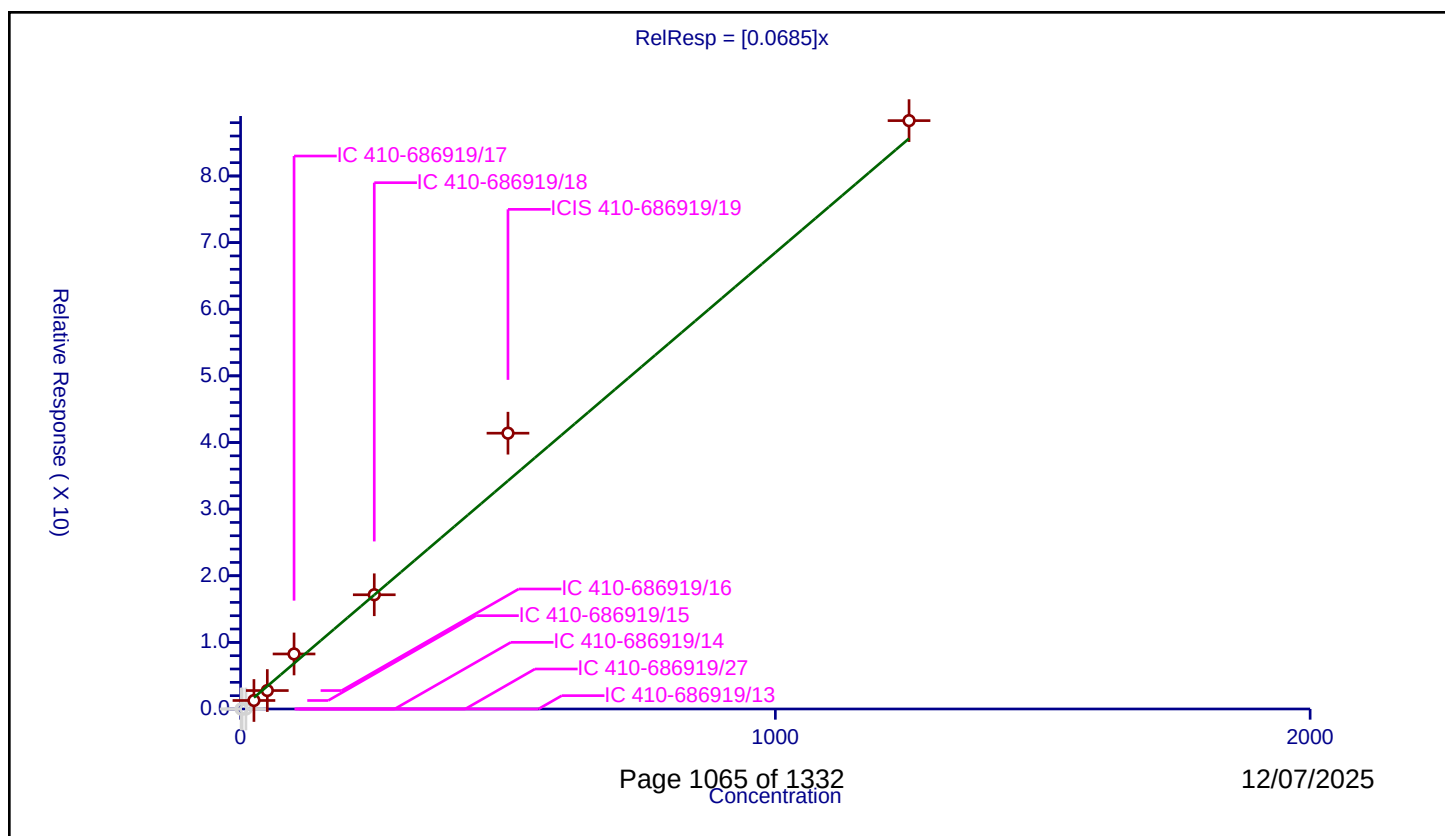
Curve Coefficients

Intercept: 0
Slope: 0.0685

Error Coefficients

Relative Standard Deviation: 19.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	1.0	0.0	50.0	142532.0	0.0	N
2	IC 410-686919/27	3.0	0.0	50.0	117227.0	0.0	N
3	IC 410-686919/14	10.0	0.0	50.0	150383.0	0.0	N
4	IC 410-686919/15	25.0	1.276621	50.0	133634.0	0.051065	Y
5	IC 410-686919/16	50.0	2.766371	50.0	144160.0	0.055327	Y
6	IC 410-686919/17	100.0	8.260393	50.0	122361.0	0.082604	Y
7	IC 410-686919/18	250.0	17.1448	50.0	141174.0	0.068579	Y
8	ICIS 410-686919/19	500.0	41.395893	50.0	123412.0	0.082792	Y
9	IC 410-686919/20	1250.0	88.307933	50.0	148032.0	0.070646	Y



Calibration

/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

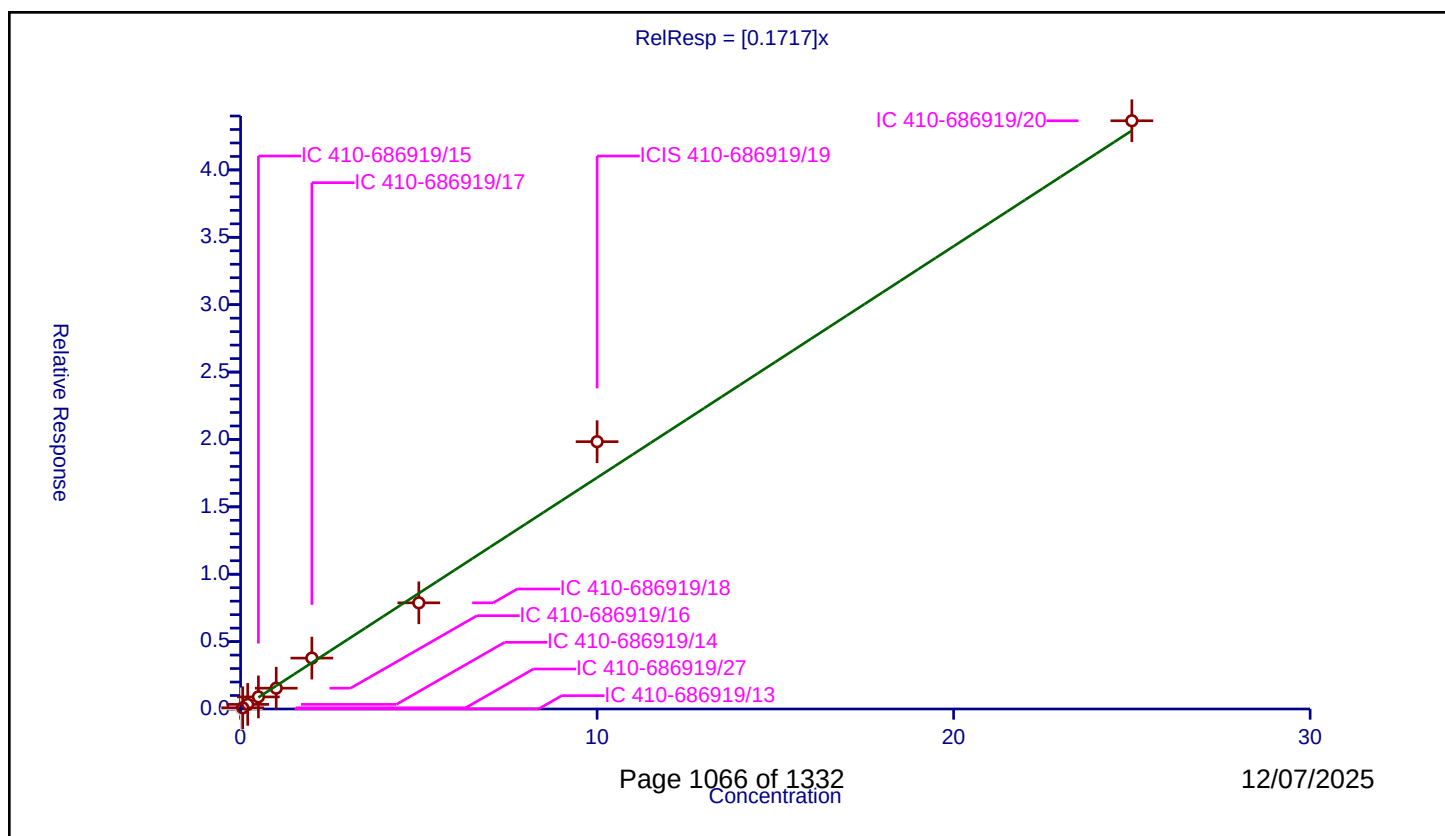
Curve Coefficients

Intercept: 0
Slope: 0.1717

Error Coefficients

Relative Standard Deviation: 10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.00077	10.0	1675538.0	0.038495	N
2	IC 410-686919/27	0.06	0.00898	10.0	1502222.0	0.149667	Y
3	IC 410-686919/14	0.2	0.034074	10.0	1713039.0	0.17037	Y
4	IC 410-686919/15	0.5	0.089809	10.0	1592165.0	0.179617	Y
5	IC 410-686919/16	1.0	0.154369	10.0	1794141.0	0.154369	Y
6	IC 410-686919/17	2.0	0.377694	10.0	1530949.0	0.188847	Y
7	IC 410-686919/18	5.0	0.78785	10.0	1717699.0	0.15757	Y
8	ICIS 410-686919/19	10.0	1.983615	10.0	1473759.0	0.198361	Y
9	IC 410-686919/20	25.0	4.364829	10.0	1676902.0	0.174593	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

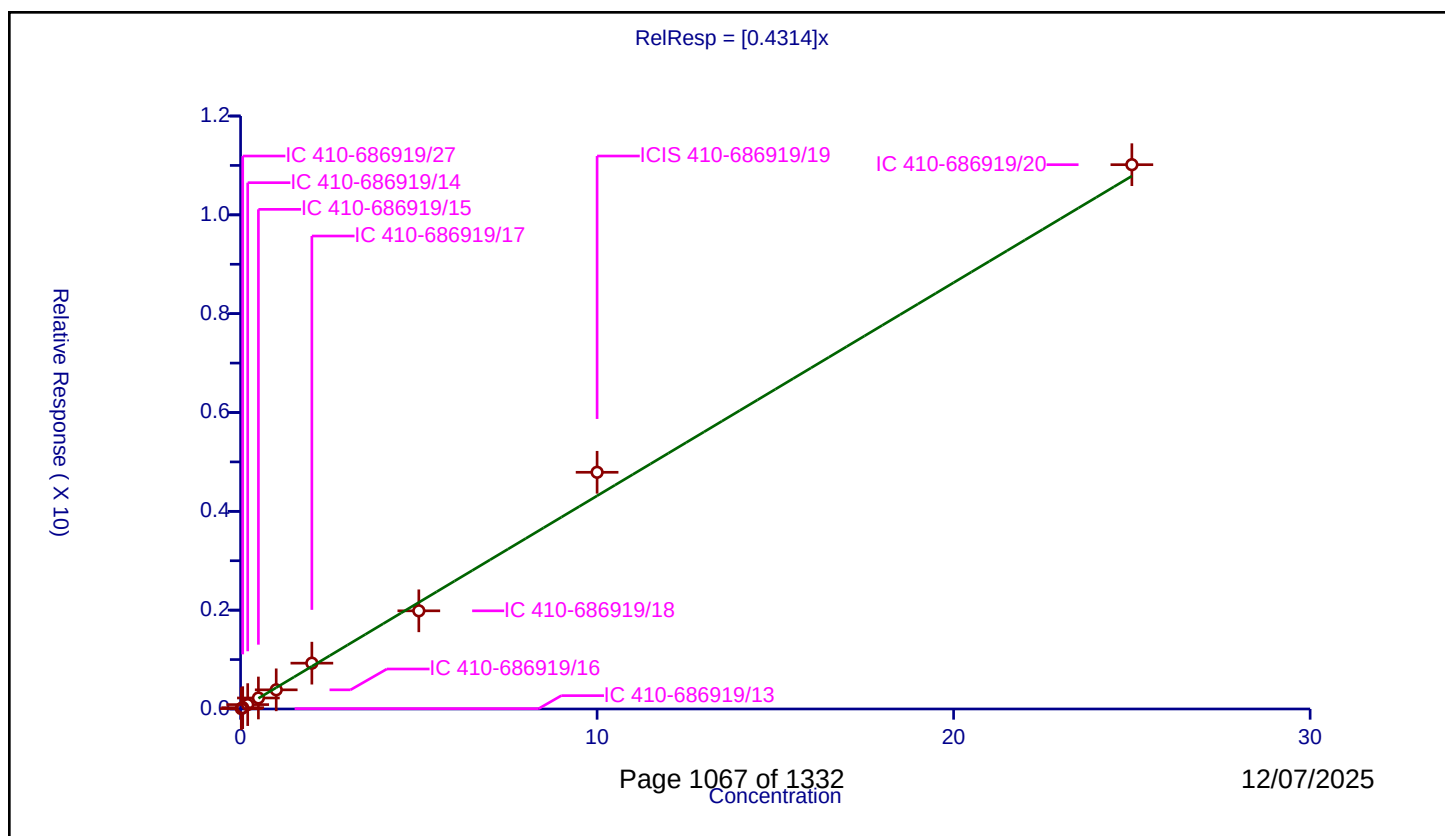
Curve Coefficients

Intercept: 0
Slope: 0.4314

Error Coefficients

Relative Standard Deviation: 8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.007502	10.0	1675538.0	0.375103	Y
2	IC 410-686919/27	0.06	0.02696	10.0	1502222.0	0.449334	Y
3	IC 410-686919/14	0.2	0.088743	10.0	1713039.0	0.443714	Y
4	IC 410-686919/15	0.5	0.222854	10.0	1592165.0	0.445708	Y
5	IC 410-686919/16	1.0	0.387846	10.0	1794141.0	0.387846	Y
6	IC 410-686919/17	2.0	0.927601	10.0	1530949.0	0.463801	Y
7	IC 410-686919/18	5.0	1.986501	10.0	1717699.0	0.3973	Y
8	ICIS 410-686919/19	10.0	4.790078	10.0	1473759.0	0.479008	Y
9	IC 410-686919/20	25.0	11.015223	10.0	1676902.0	0.440609	Y



Calibration

/ 2-Nitropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

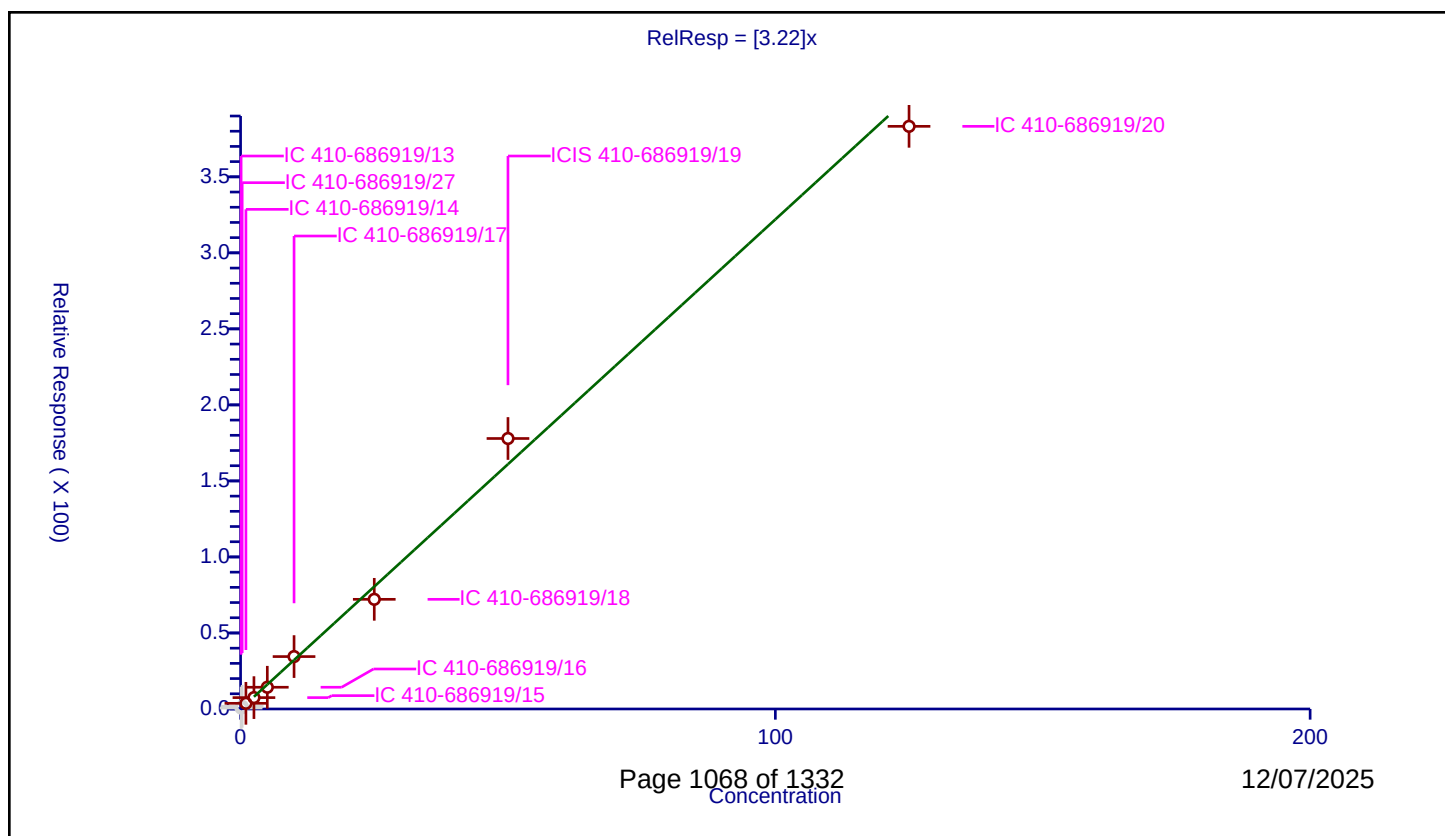
Curve Coefficients

Intercept: 0
Slope: 3.22

Error Coefficients

Relative Standard Deviation: 11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.1	0.642663	50.0	142532.0	6.426627	N
2	IC 410-686919/27	0.3	1.726565	50.0	117227.0	5.755216	N
3	IC 410-686919/14	1.0	3.733467	50.0	150383.0	3.733467	Y
4	IC 410-686919/15	2.5	7.472649	50.0	133634.0	2.98906	Y
5	IC 410-686919/16	5.0	14.301817	50.0	144160.0	2.860363	Y
6	IC 410-686919/17	10.0	34.476671	50.0	122361.0	3.447667	Y
7	IC 410-686919/18	25.0	72.124116	50.0	141174.0	2.884965	Y
8	ICIS 410-686919/19	50.0	177.911791	50.0	123412.0	3.558236	Y
9	IC 410-686919/20	125.0	383.209374	50.0	148032.0	3.065675	Y



Calibration

/ 1-Bromo-2-chloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

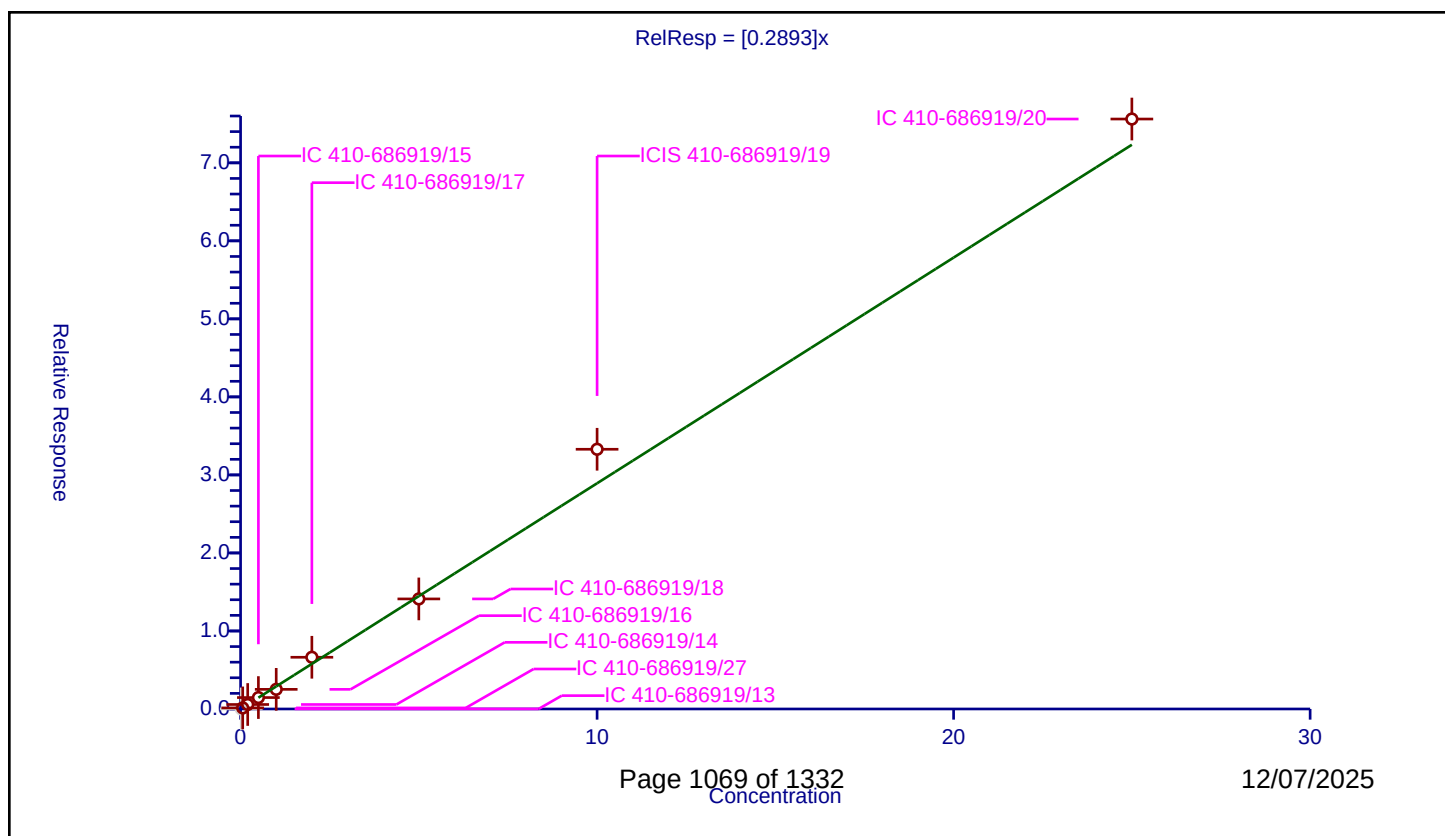
Curve Coefficients

Intercept: 0
Slope: 0.2893

Error Coefficients

Relative Standard Deviation: 12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.001235	10.0	1675538.0	0.061771	N
2	IC 410-686919/27	0.06	0.013946	10.0	1502222.0	0.232433	Y
3	IC 410-686919/14	0.2	0.057675	10.0	1713039.0	0.288376	Y
4	IC 410-686919/15	0.5	0.146442	10.0	1592165.0	0.292884	Y
5	IC 410-686919/16	1.0	0.251552	10.0	1794141.0	0.251552	Y
6	IC 410-686919/17	2.0	0.662844	10.0	1530949.0	0.331422	Y
7	IC 410-686919/18	5.0	1.410561	10.0	1717699.0	0.282112	Y
8	ICIS 410-686919/19	10.0	3.328821	10.0	1473759.0	0.332882	Y
9	IC 410-686919/20	25.0	7.561301	10.0	1676902.0	0.302452	Y



Calibration

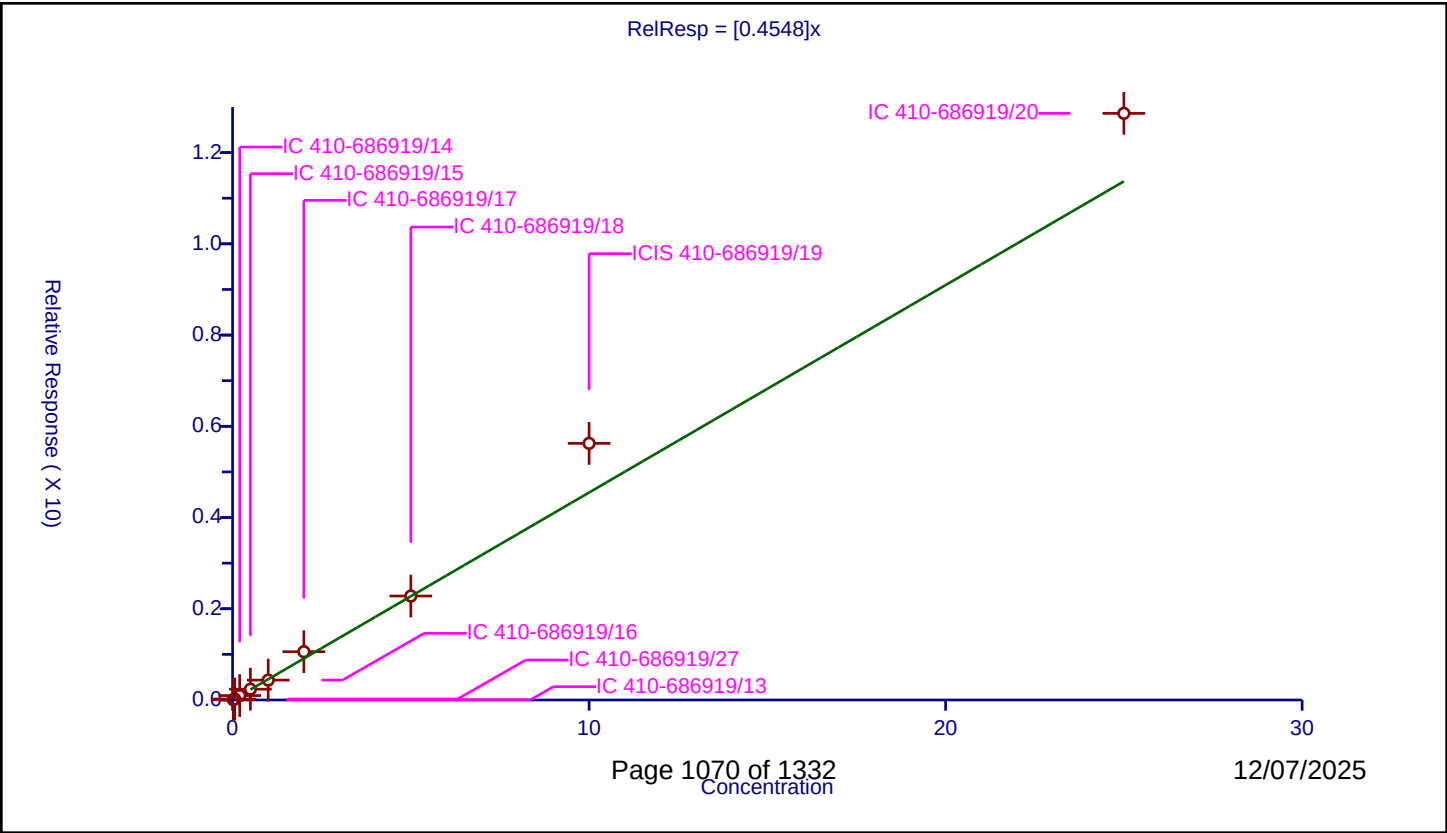
/ cis-1,3-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4548
Error Coefficients	

Relative Standard Deviation: 19.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.005491	10.0	1675538.0	0.274539	Y
2	IC 410-686919/27	0.06	0.021761	10.0	1502222.0	0.362685	Y
3	IC 410-686919/14	0.2	0.09684	10.0	1713039.0	0.484198	Y
4	IC 410-686919/15	0.5	0.236916	10.0	1592165.0	0.473833	Y
5	IC 410-686919/16	1.0	0.435618	10.0	1794141.0	0.435618	Y
6	IC 410-686919/17	2.0	1.058847	10.0	1530949.0	0.529423	Y
7	IC 410-686919/18	5.0	2.279288	10.0	1717699.0	0.455858	Y
8	ICIS 410-686919/19	10.0	5.626259	10.0	1473759.0	0.562626	Y
9	IC 410-686919/20	25.0	12.861109	10.0	1676902.0	0.514444	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

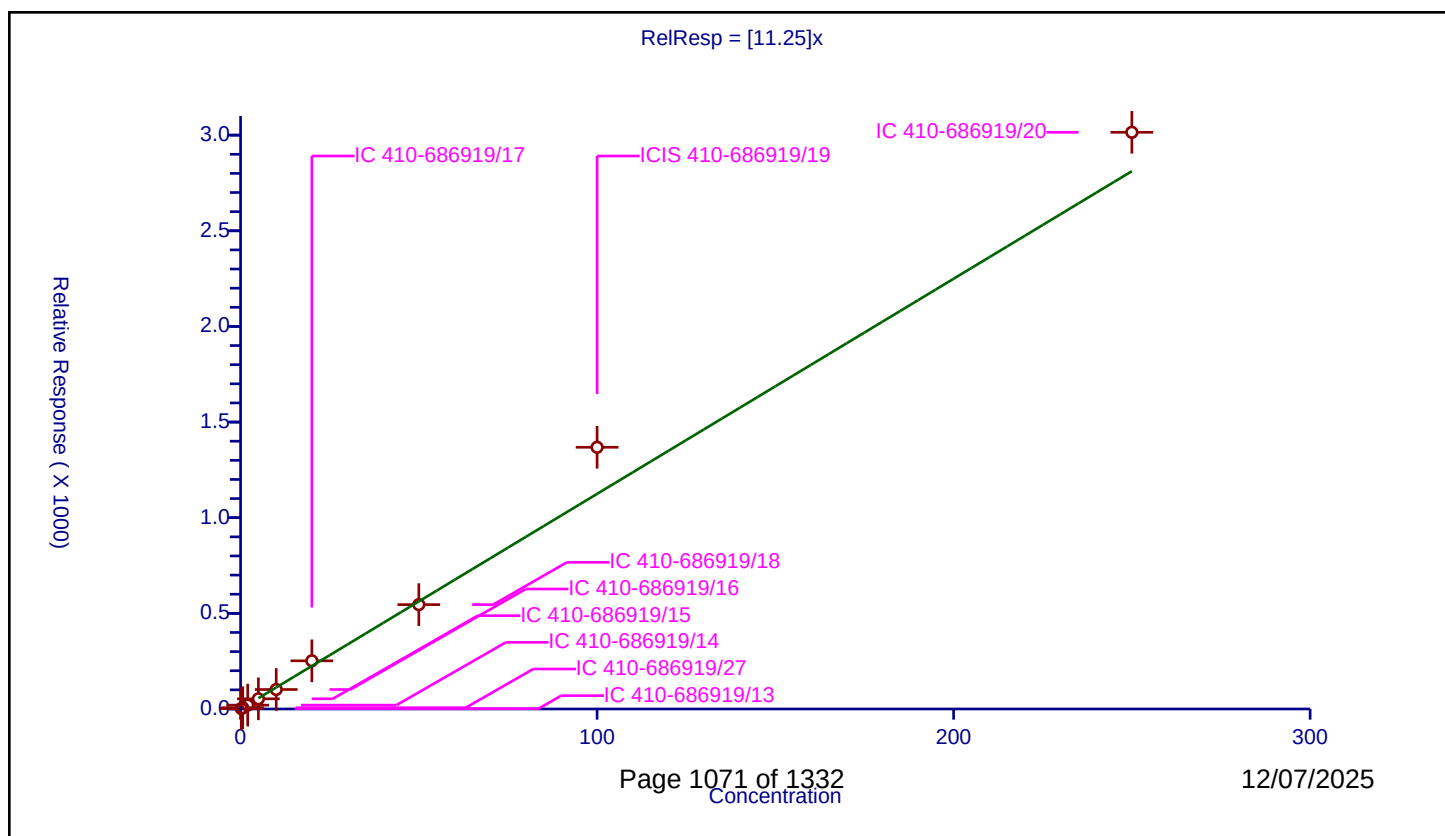
Curve Coefficients

Intercept: 0
Slope: 11.25

Error Coefficients

Relative Standard Deviation: 11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.2	2.024808	50.0	142532.0	10.124042	Y
2	IC 410-686919/27	0.6	6.55651	50.0	117227.0	10.927517	Y
3	IC 410-686919/14	2.0	20.169833	50.0	150383.0	10.084917	Y
4	IC 410-686919/15	5.0	53.22373	50.0	133634.0	10.644746	Y
5	IC 410-686919/16	10.0	101.855924	50.0	144160.0	10.185592	Y
6	IC 410-686919/17	20.0	251.820024	50.0	122361.0	12.591001	Y
7	IC 410-686919/18	50.0	545.630924	50.0	141174.0	10.912618	Y
8	ICIS 410-686919/19	100.0	1368.208116	50.0	123412.0	13.682081	Y
9	IC 410-686919/20	250.0	3015.017023	50.0	148032.0	12.060068	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

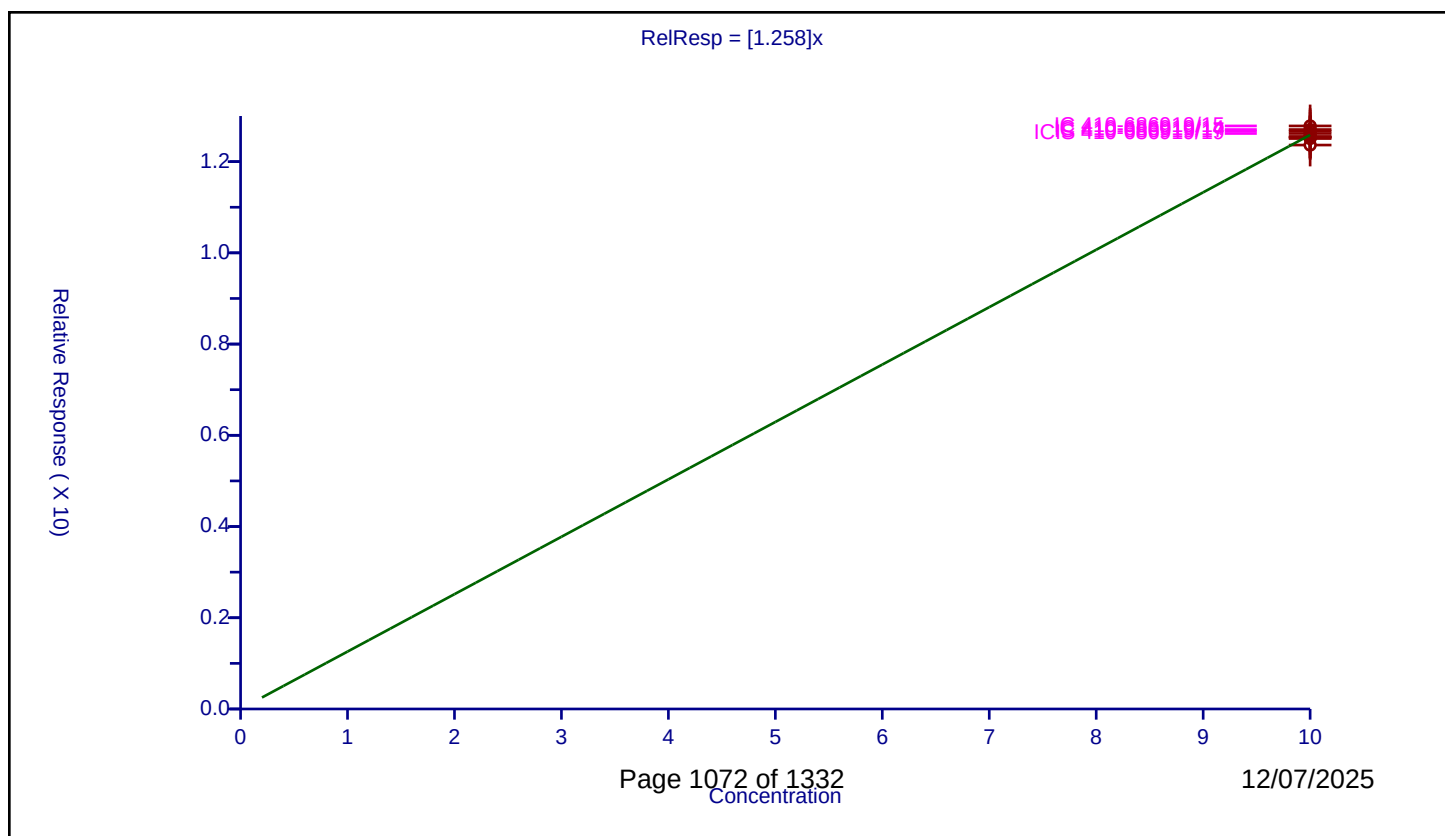
Curve Coefficients

Intercept: 0
Slope: 1.258

Error Coefficients

Relative Standard Deviation: 1.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	10.0	12.537915	10.0	1396134.0	1.253792	Y
2	IC 410-686919/14	10.0	12.703559	10.0	1404815.0	1.270356	Y
3	IC 410-686919/15	10.0	12.782229	10.0	1298509.0	1.278223	Y
4	IC 410-686919/16	10.0	12.534708	10.0	1490061.0	1.253471	Y
5	IC 410-686919/17	10.0	12.667725	10.0	1256179.0	1.266772	Y
6	IC 410-686919/18	10.0	12.505746	10.0	1418751.0	1.250575	Y
7	ICIS 410-686919/19	10.0	12.616376	10.0	1212540.0	1.261638	Y
8	IC 410-686919/20	10.0	12.363375	10.0	1416318.0	1.236337	Y
9	IC 410-686919/27	10.0	12.551605	10.0	1250844.0	1.255161	Y



Calibration

/ Toluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

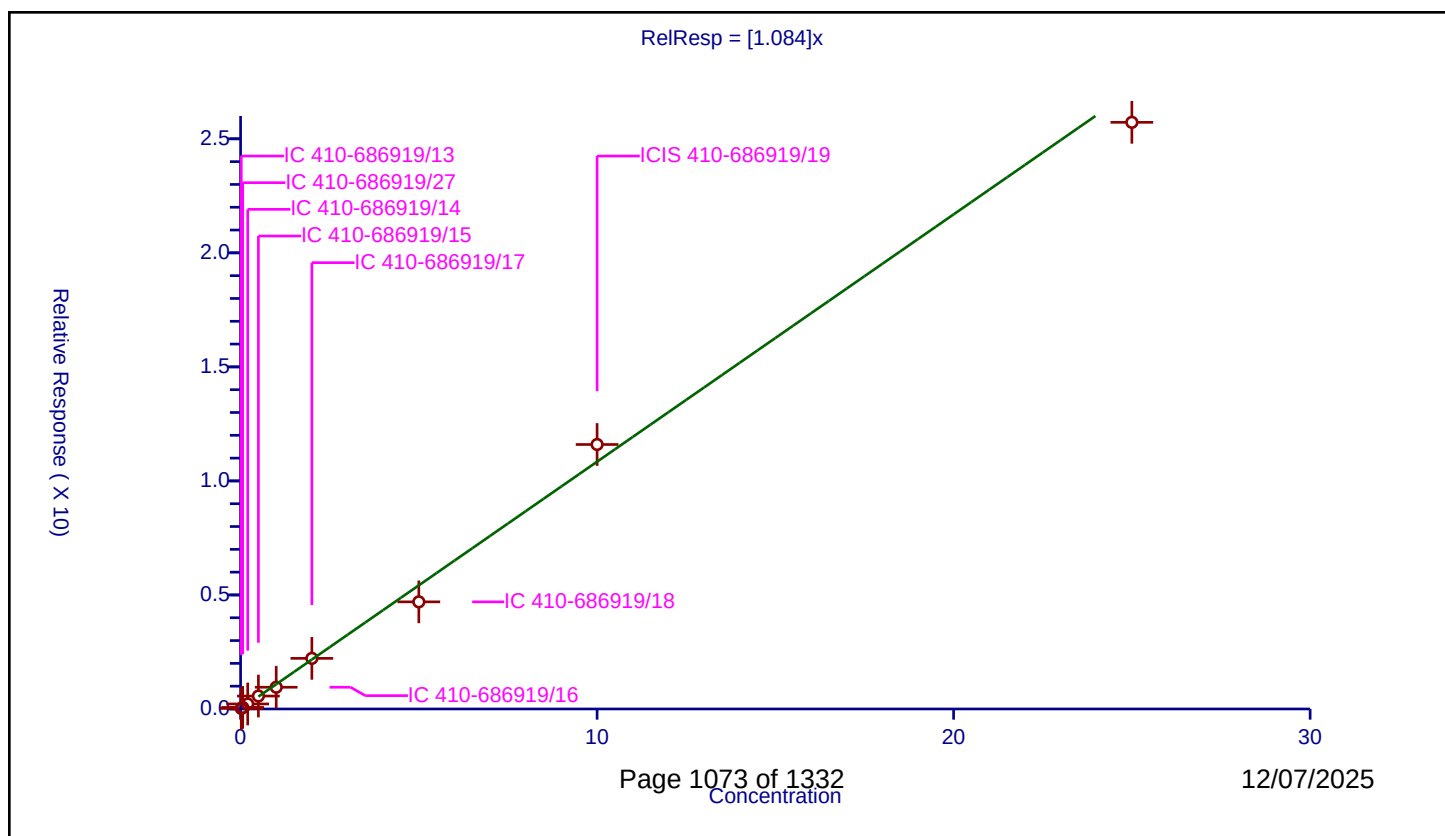
Curve Coefficients

Intercept: 0
Slope: 1.084

Error Coefficients

Relative Standard Deviation: 8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.023228	10.0	1396134.0	1.161421	Y
2	IC 410-686919/27	0.06	0.070137	10.0	1250844.0	1.168944	Y
3	IC 410-686919/14	0.2	0.220171	10.0	1404815.0	1.100857	Y
4	IC 410-686919/15	0.5	0.568021	10.0	1298509.0	1.136041	Y
5	IC 410-686919/16	1.0	0.953914	10.0	1490061.0	0.953914	Y
6	IC 410-686919/17	2.0	2.219763	10.0	1256179.0	1.109882	Y
7	IC 410-686919/18	5.0	4.696885	10.0	1418751.0	0.939377	Y
8	ICIS 410-686919/19	10.0	11.597316	10.0	1212540.0	1.159732	Y
9	IC 410-686919/20	25.0	25.722437	10.0	1416318.0	1.028897	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

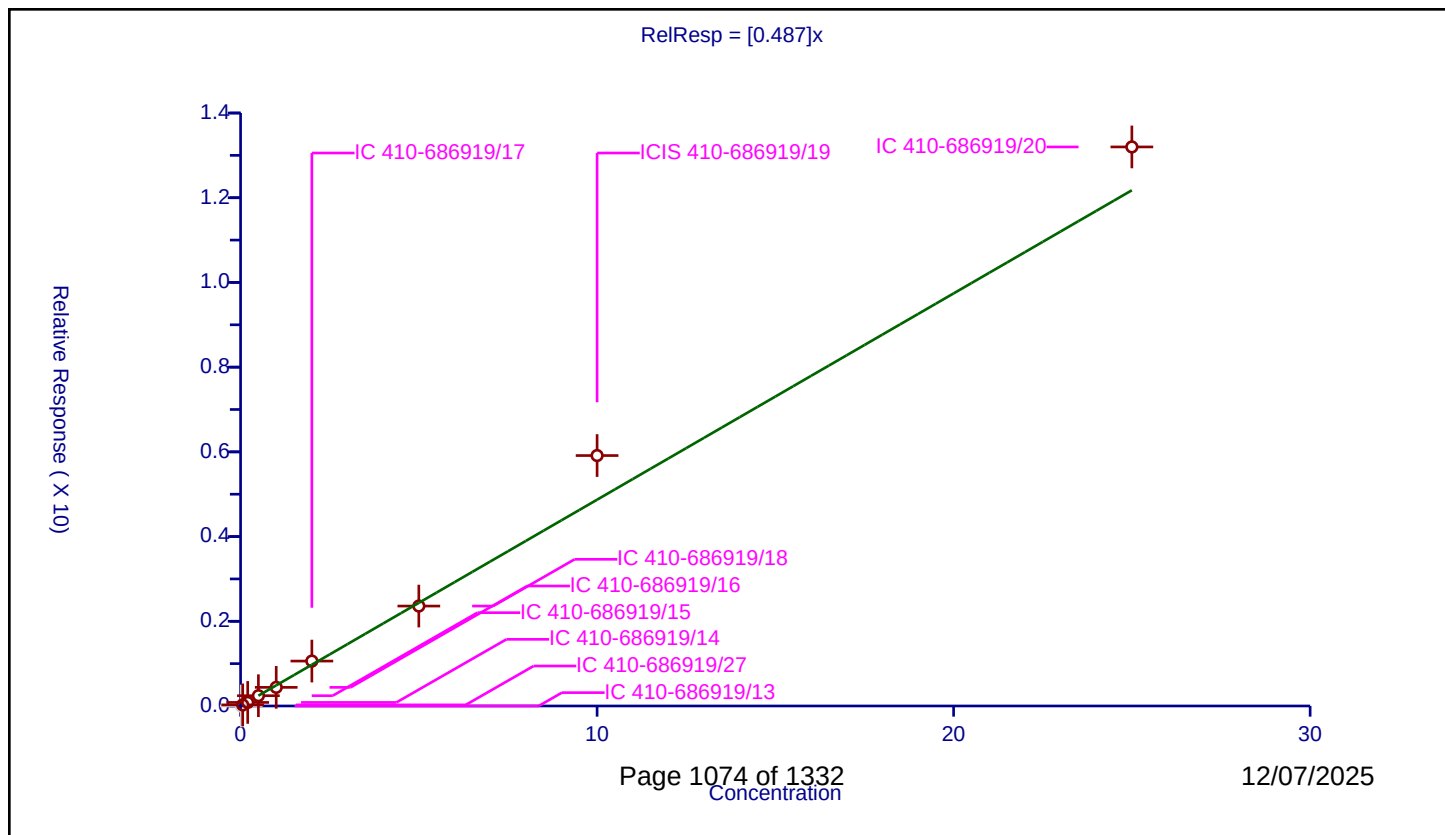
Curve Coefficients

Intercept: 0
Slope: 0.487

Error Coefficients

Relative Standard Deviation: 12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.0	10.0	1396134.0	0.0	N
2	IC 410-686919/27	0.06	0.025847	10.0	1250844.0	0.430776	Y
3	IC 410-686919/14	0.2	0.083733	10.0	1404815.0	0.418667	Y
4	IC 410-686919/15	0.5	0.242855	10.0	1298509.0	0.485711	Y
5	IC 410-686919/16	1.0	0.439593	10.0	1490061.0	0.439593	Y
6	IC 410-686919/17	2.0	1.060804	10.0	1256179.0	0.530402	Y
7	IC 410-686919/18	5.0	2.359716	10.0	1418751.0	0.471943	Y
8	ICIS 410-686919/19	10.0	5.912663	10.0	1212540.0	0.591266	Y
9	IC 410-686919/20	25.0	13.19919	10.0	1416318.0	0.527968	Y



Calibration

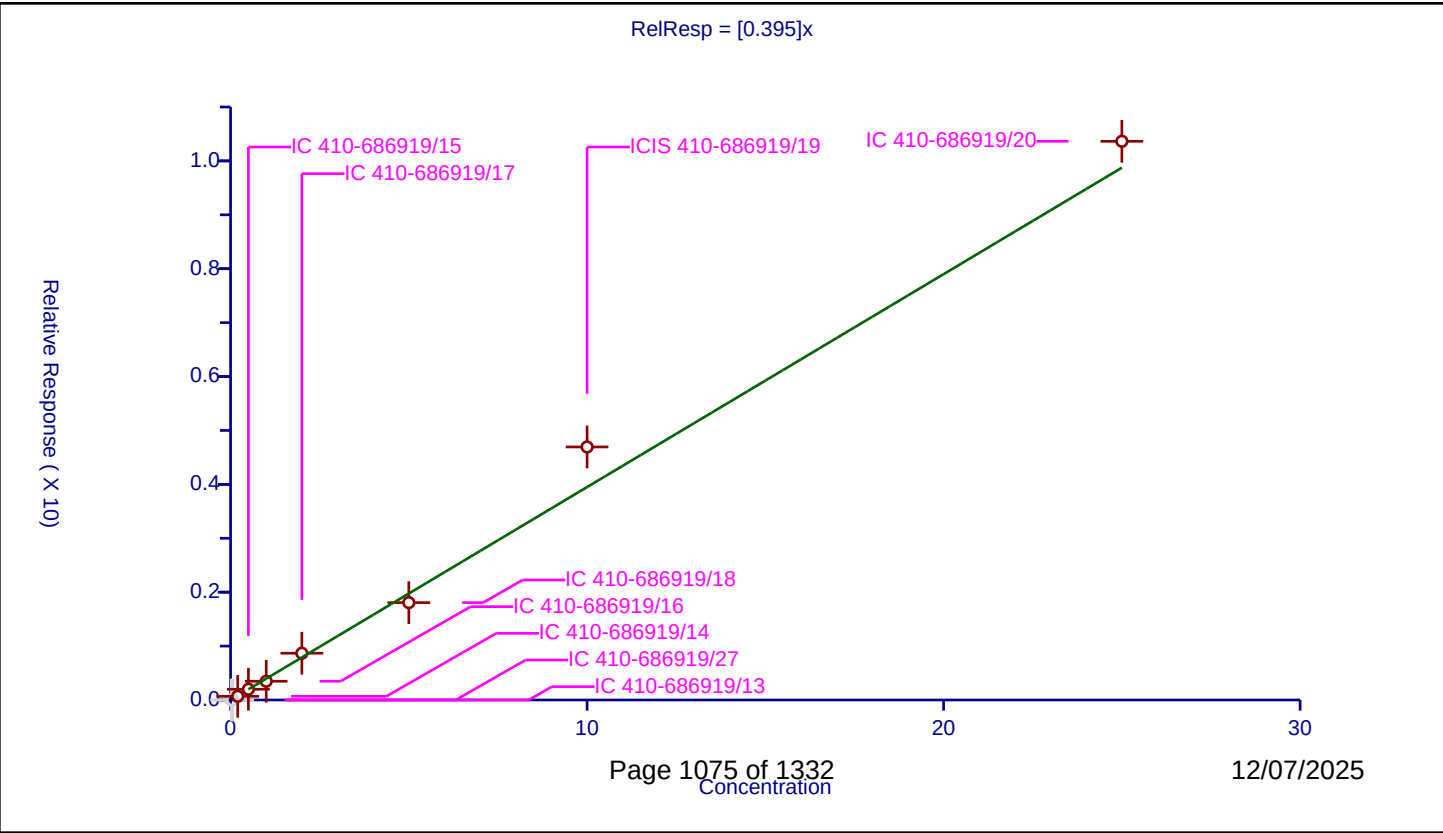
/ Ethyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.395
Error Coefficients	

Relative Standard Deviation: 12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.0	10.0	1396134.0	0.0	N
2	IC 410-686919/27	0.06	0.0	10.0	1250844.0	0.0	N
3	IC 410-686919/14	0.2	0.067995	10.0	1404815.0	0.339974	Y
4	IC 410-686919/15	0.5	0.199228	10.0	1298509.0	0.398457	Y
5	IC 410-686919/16	1.0	0.347503	10.0	1490061.0	0.347503	Y
6	IC 410-686919/17	2.0	0.867249	10.0	1256179.0	0.433625	Y
7	IC 410-686919/18	5.0	1.806448	10.0	1418751.0	0.36129	Y
8	ICIS 410-686919/19	10.0	4.693552	10.0	1212540.0	0.469355	Y
9	IC 410-686919/20	25.0	10.364028	10.0	1416318.0	0.414561	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

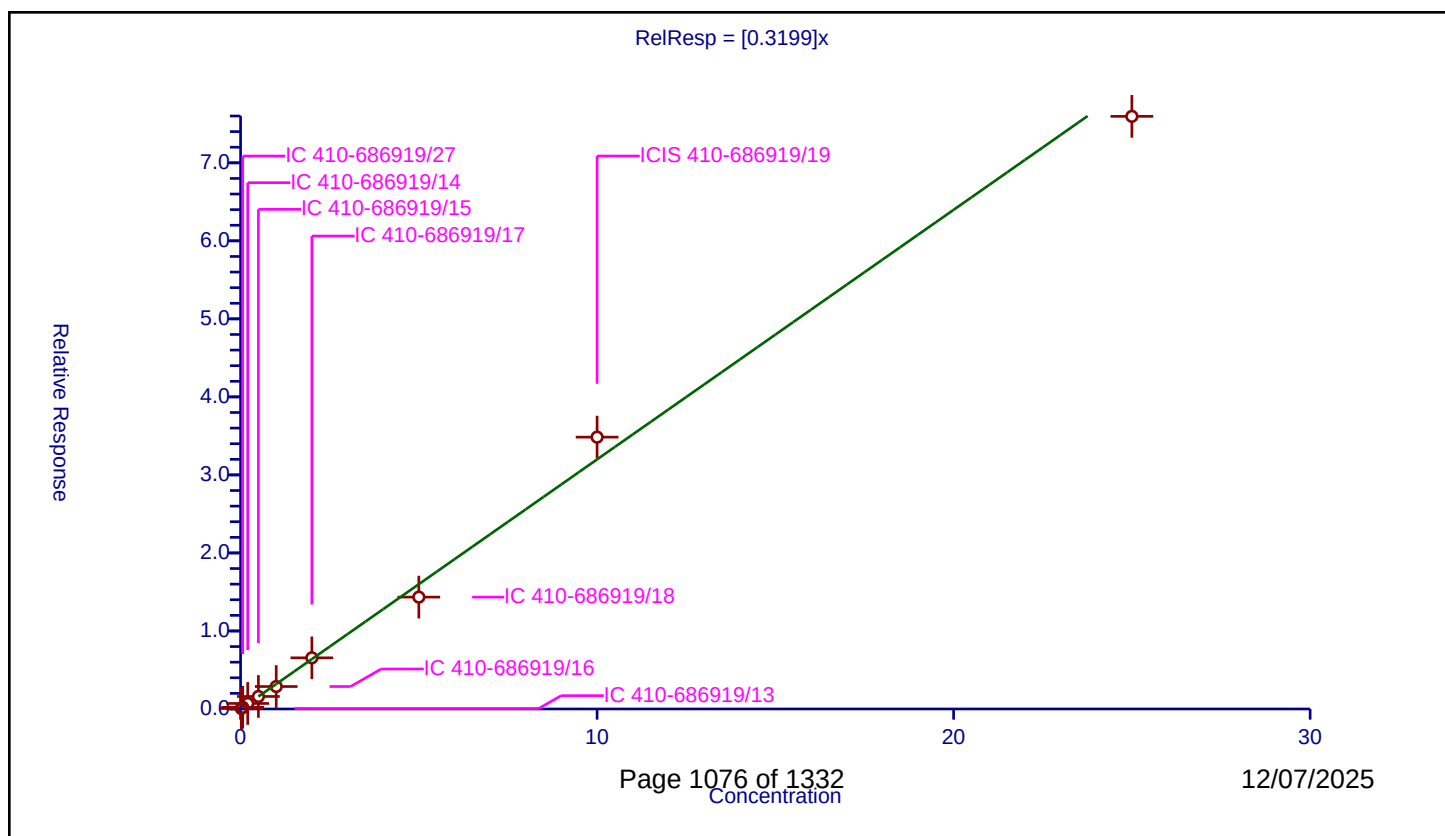
Curve Coefficients

Intercept: 0
Slope: 0.3199

Error Coefficients

Relative Standard Deviation: 9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.005823	10.0	1396134.0	0.291161	Y
2	IC 410-686919/27	0.06	0.02145	10.0	1250844.0	0.357492	Y
3	IC 410-686919/14	0.2	0.070899	10.0	1404815.0	0.354495	Y
4	IC 410-686919/15	0.5	0.160438	10.0	1298509.0	0.320876	Y
5	IC 410-686919/16	1.0	0.287935	10.0	1490061.0	0.287935	Y
6	IC 410-686919/17	2.0	0.655782	10.0	1256179.0	0.327891	Y
7	IC 410-686919/18	5.0	1.433937	10.0	1418751.0	0.286787	Y
8	ICIS 410-686919/19	10.0	3.484248	10.0	1212540.0	0.348425	Y
9	IC 410-686919/20	25.0	7.595512	10.0	1416318.0	0.30382	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

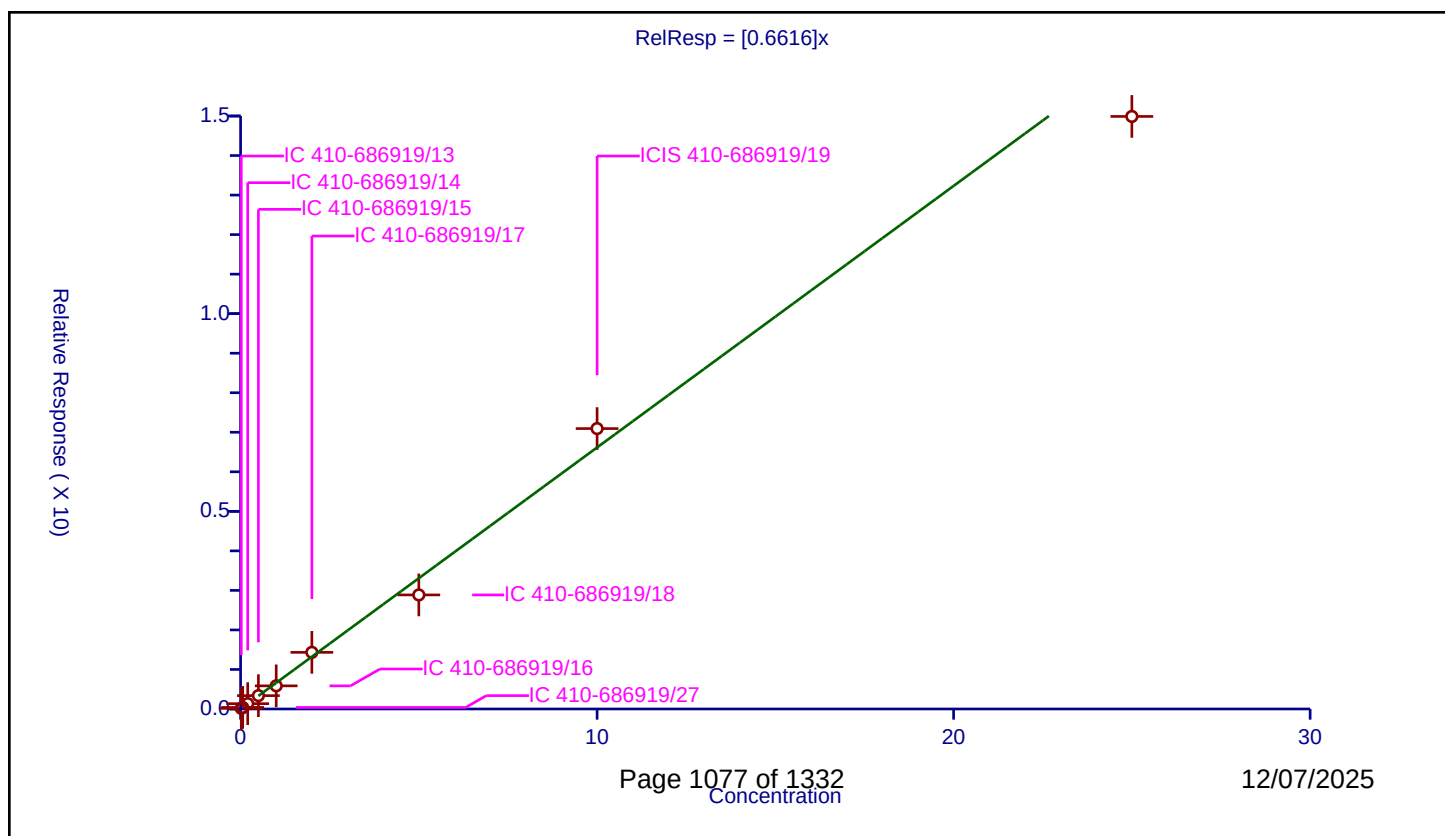
Curve Coefficients

Intercept: 0
Slope: 0.6616

Error Coefficients

Relative Standard Deviation: 9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.015178	10.0	1396134.0	0.758881	Y
2	IC 410-686919/27	0.06	0.039605	10.0	1250844.0	0.660088	Y
3	IC 410-686919/14	0.2	0.13448	10.0	1404815.0	0.672402	Y
4	IC 410-686919/15	0.5	0.337549	10.0	1298509.0	0.675097	Y
5	IC 410-686919/16	1.0	0.585406	10.0	1490061.0	0.585406	Y
6	IC 410-686919/17	2.0	1.432654	10.0	1256179.0	0.716327	Y
7	IC 410-686919/18	5.0	2.885742	10.0	1418751.0	0.577148	Y
8	ICIS 410-686919/19	10.0	7.0933	10.0	1212540.0	0.70933	Y
9	IC 410-686919/20	25.0	14.989317	10.0	1416318.0	0.599573	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

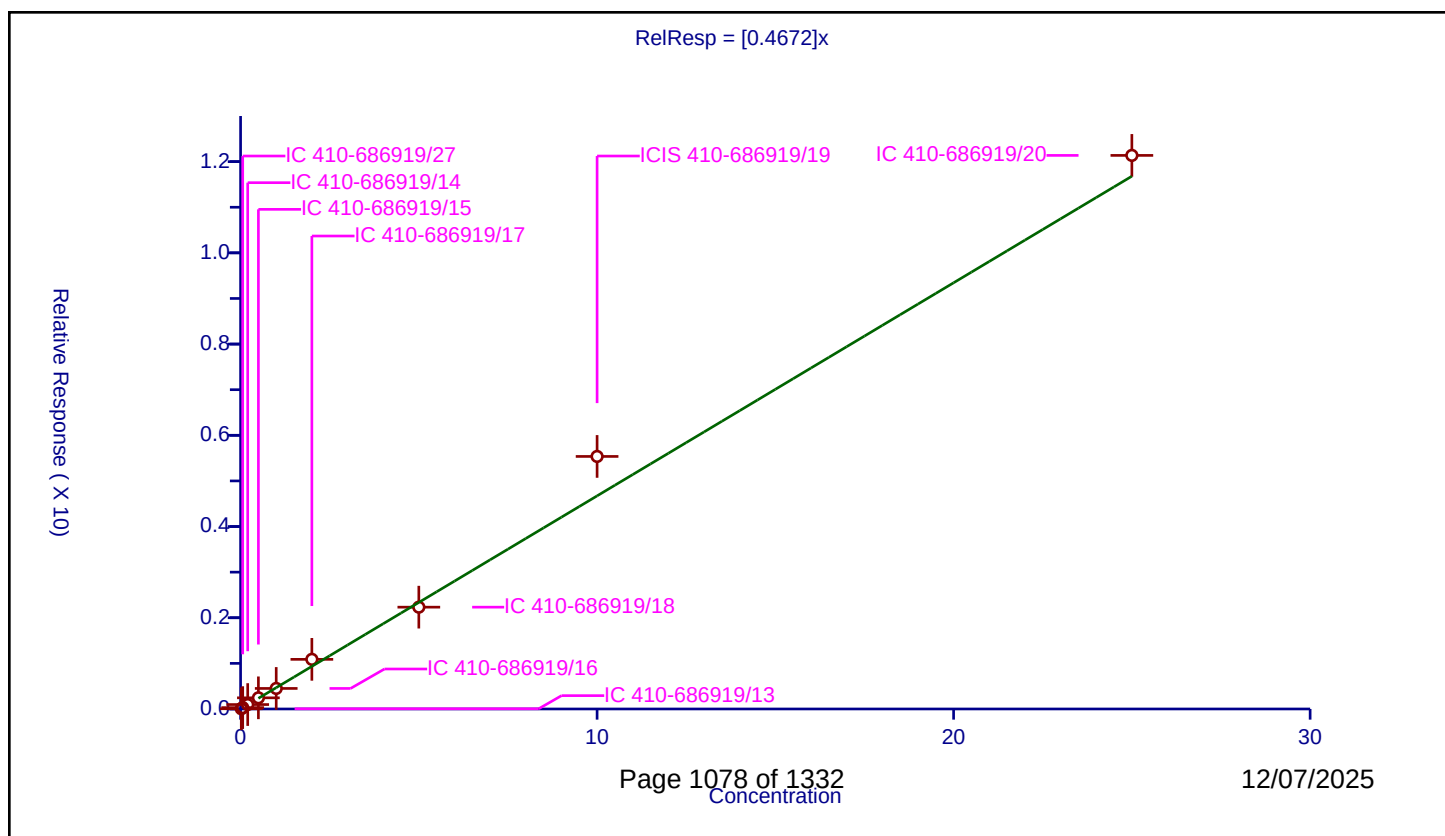
Curve Coefficients

Intercept: 0
Slope: 0.4672

Error Coefficients

Relative Standard Deviation: 19.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.005021	10.0	1396134.0	0.25105	Y
2	IC 410-686919/27	0.06	0.029916	10.0	1250844.0	0.498597	Y
3	IC 410-686919/14	0.2	0.097088	10.0	1404815.0	0.485438	Y
4	IC 410-686919/15	0.5	0.244742	10.0	1298509.0	0.489484	Y
5	IC 410-686919/16	1.0	0.450391	10.0	1490061.0	0.450391	Y
6	IC 410-686919/17	2.0	1.088388	10.0	1256179.0	0.544194	Y
7	IC 410-686919/18	5.0	2.232442	10.0	1418751.0	0.446488	Y
8	ICIS 410-686919/19	10.0	5.536733	10.0	1212540.0	0.553673	Y
9	IC 410-686919/20	25.0	12.136653	10.0	1416318.0	0.485466	Y



Calibration

/ 2-Hexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

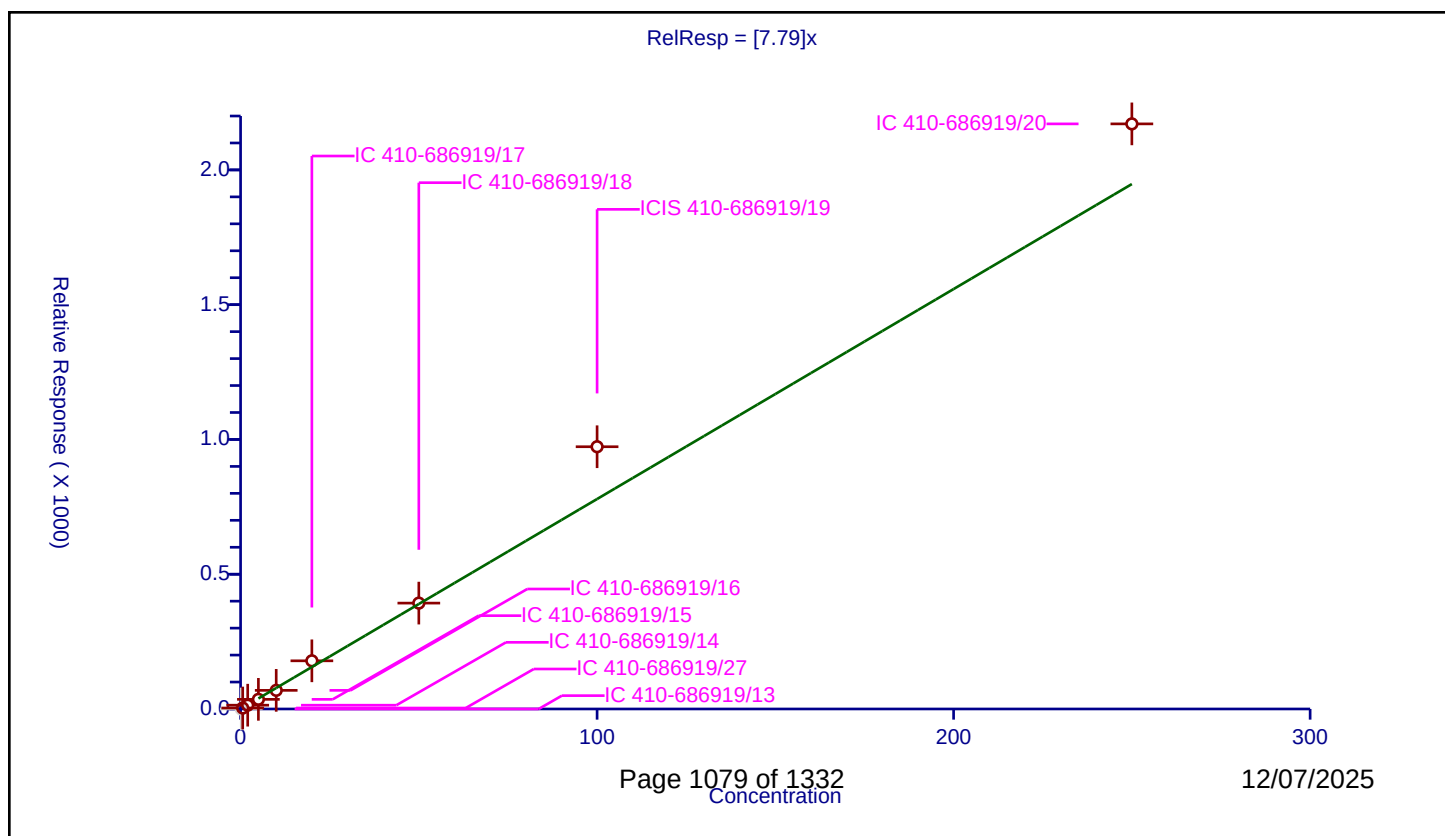
Curve Coefficients

Intercept: 0
Slope: 7.79

Error Coefficients

Relative Standard Deviation: 16.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.2	0.048761	50.0	142532.0	0.243805	N
2	IC 410-686919/27	0.6	3.595588	50.0	117227.0	5.992647	Y
3	IC 410-686919/14	2.0	14.115957	50.0	150383.0	7.057979	Y
4	IC 410-686919/15	5.0	35.788796	50.0	133634.0	7.157759	Y
5	IC 410-686919/16	10.0	69.074639	50.0	144160.0	6.907464	Y
6	IC 410-686919/17	20.0	178.67989	50.0	122361.0	8.933994	Y
7	IC 410-686919/18	50.0	392.869792	50.0	141174.0	7.857396	Y
8	ICIS 410-686919/19	100.0	973.00677	50.0	123412.0	9.730067	Y
9	IC 410-686919/20	250.0	2170.822187	50.0	148032.0	8.683289	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

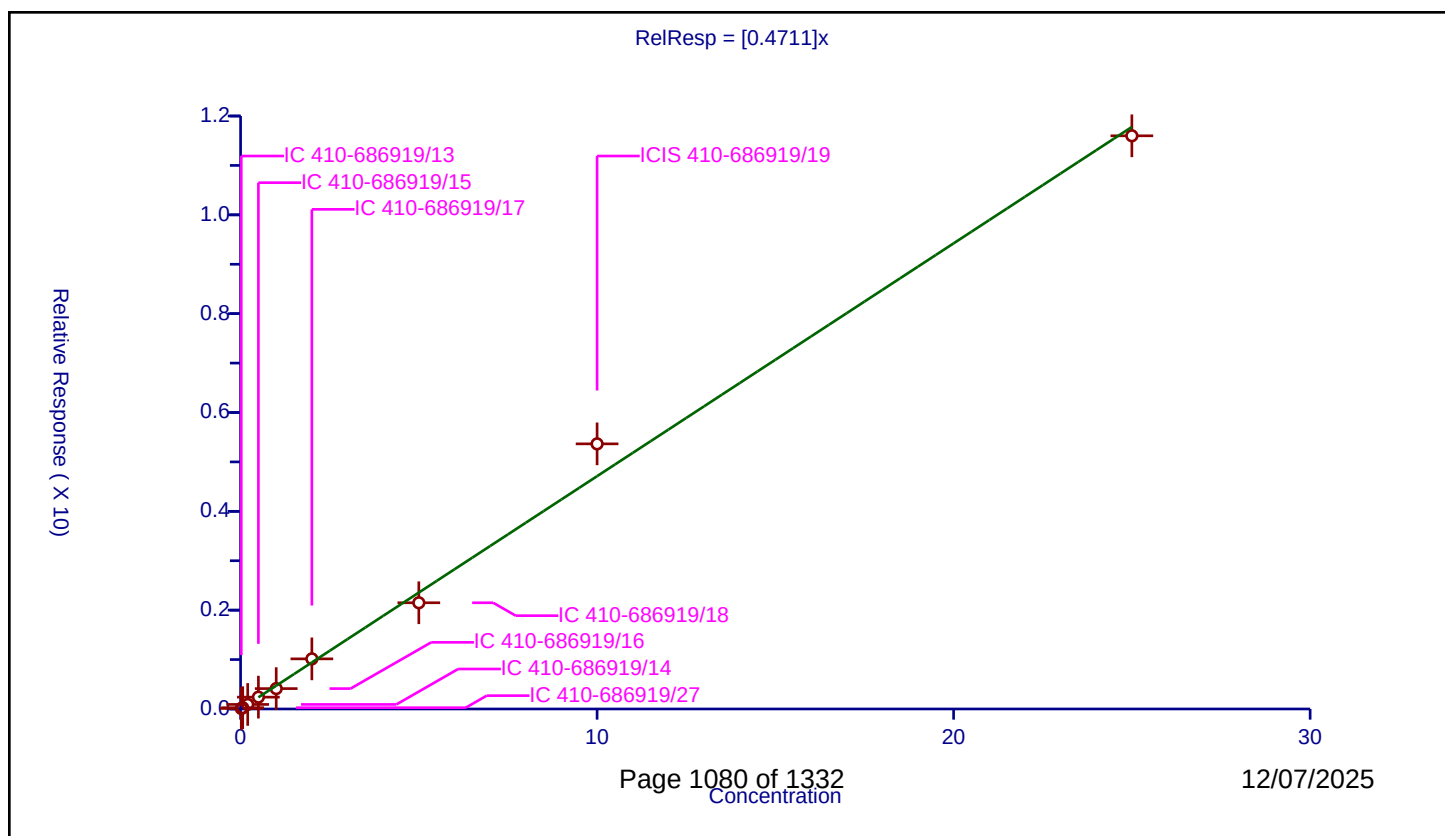
Curve Coefficients

Intercept: 0
Slope: 0.4711

Error Coefficients

Relative Standard Deviation: 8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.01025	10.0	1396134.0	0.512487	Y
2	IC 410-686919/27	0.06	0.026222	10.0	1250844.0	0.437038	Y
3	IC 410-686919/14	0.2	0.092261	10.0	1404815.0	0.461306	Y
4	IC 410-686919/15	0.5	0.239821	10.0	1298509.0	0.479642	Y
5	IC 410-686919/16	1.0	0.412319	10.0	1490061.0	0.412319	Y
6	IC 410-686919/17	2.0	1.014139	10.0	1256179.0	0.507069	Y
7	IC 410-686919/18	5.0	2.149665	10.0	1418751.0	0.429933	Y
8	ICIS 410-686919/19	10.0	5.365233	10.0	1212540.0	0.536523	Y
9	IC 410-686919/20	25.0	11.599627	10.0	1416318.0	0.463985	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

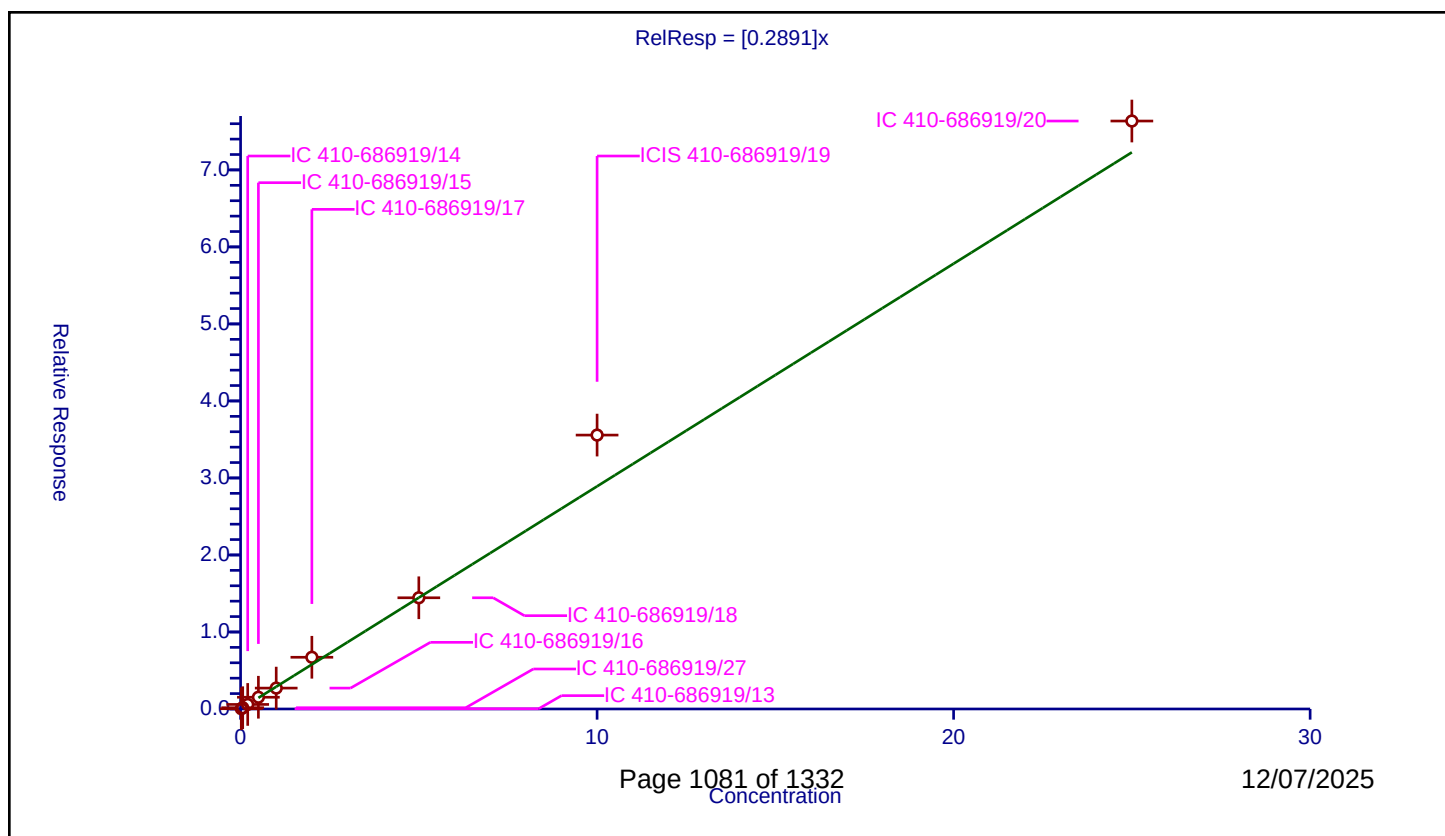
Curve Coefficients

Intercept: 0
Slope: 0.2891

Error Coefficients

Relative Standard Deviation: 17.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.003452	10.0	1396134.0	0.17262	Y
2	IC 410-686919/27	0.06	0.016381	10.0	1250844.0	0.273016	Y
3	IC 410-686919/14	0.2	0.058869	10.0	1404815.0	0.294345	Y
4	IC 410-686919/15	0.5	0.152483	10.0	1298509.0	0.304965	Y
5	IC 410-686919/16	1.0	0.271425	10.0	1490061.0	0.271425	Y
6	IC 410-686919/17	2.0	0.671743	10.0	1256179.0	0.335872	Y
7	IC 410-686919/18	5.0	1.444284	10.0	1418751.0	0.288857	Y
8	ICIS 410-686919/19	10.0	3.556806	10.0	1212540.0	0.355681	Y
9	IC 410-686919/20	25.0	7.634761	10.0	1416318.0	0.30539	Y



Calibration

/ 1-Chlorohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

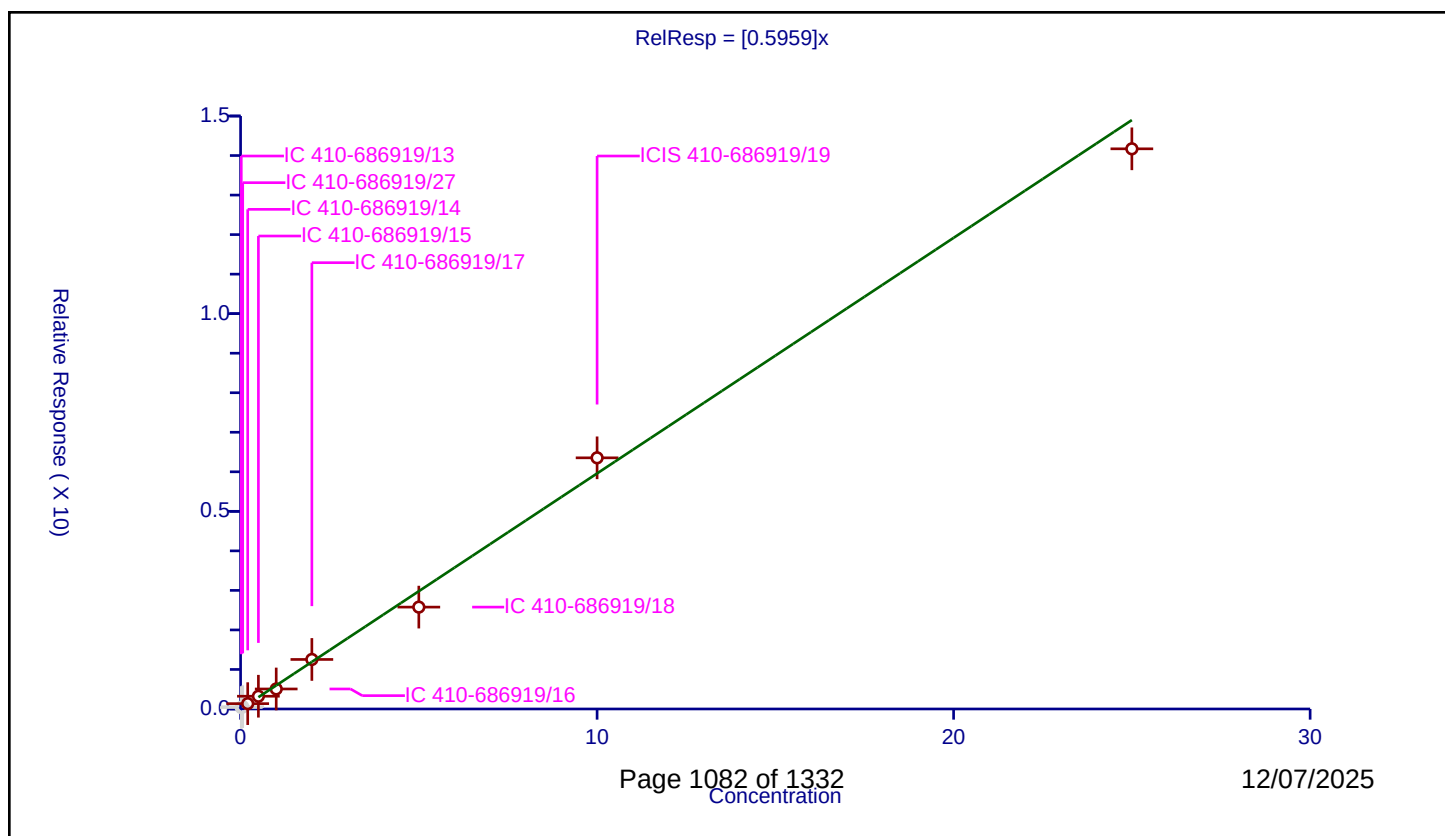
Curve Coefficients

Intercept: 0
Slope: 0.5959

Error Coefficients

Relative Standard Deviation: 11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.036873	10.0	1396134.0	1.843663	N
2	IC 410-686919/27	0.06	0.058497	10.0	1250844.0	0.974942	N
3	IC 410-686919/14	0.2	0.135085	10.0	1404815.0	0.675427	Y
4	IC 410-686919/15	0.5	0.322662	10.0	1298509.0	0.645325	Y
5	IC 410-686919/16	1.0	0.506362	10.0	1490061.0	0.506362	Y
6	IC 410-686919/17	2.0	1.253062	10.0	1256179.0	0.626531	Y
7	IC 410-686919/18	5.0	2.577013	10.0	1418751.0	0.515403	Y
8	ICIS 410-686919/19	10.0	6.353729	10.0	1212540.0	0.635373	Y
9	IC 410-686919/20	25.0	14.169989	10.0	1416318.0	0.5668	Y



Calibration

/ Chlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

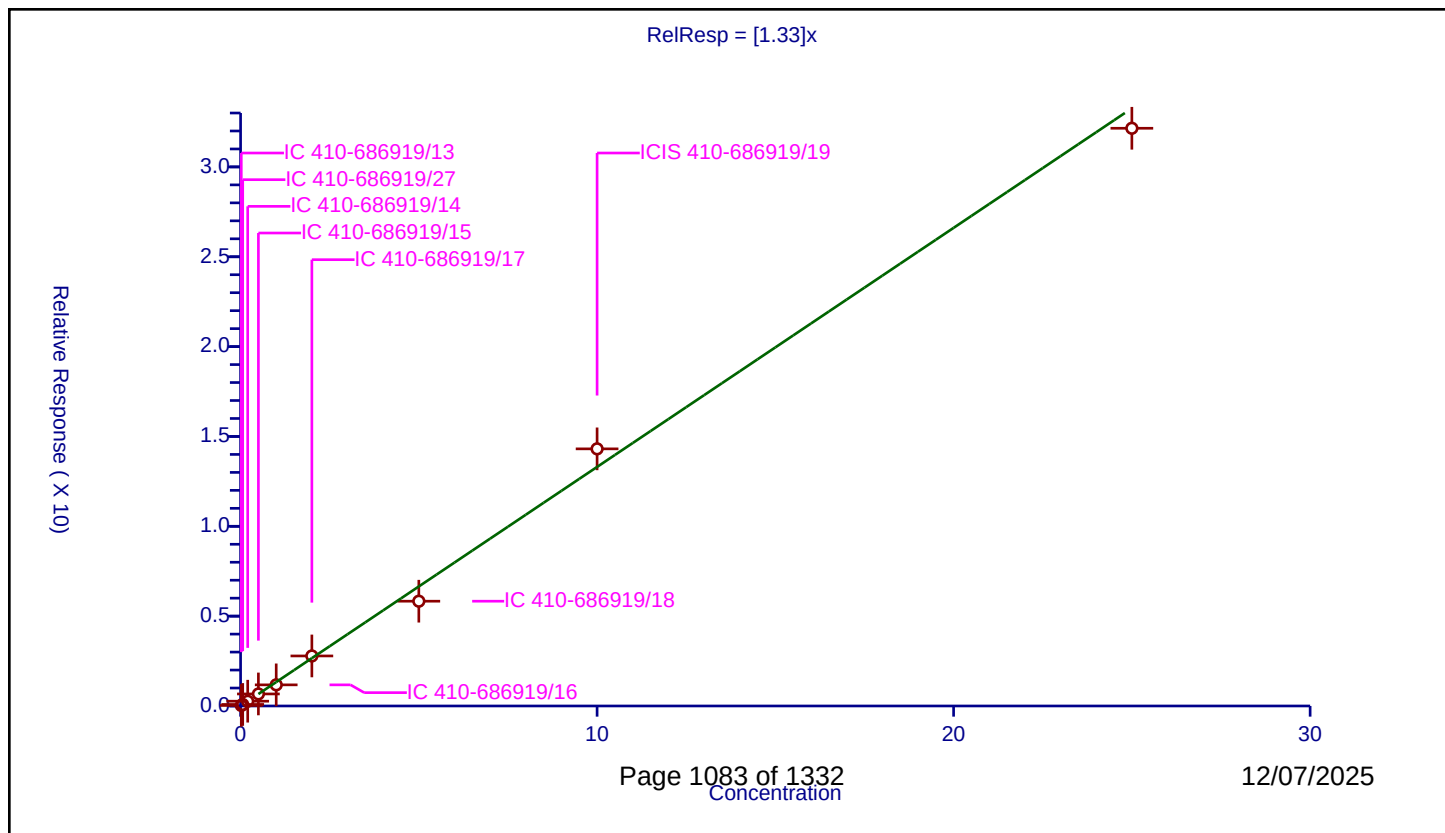
Curve Coefficients

Intercept: 0
Slope: 1.33

Error Coefficients

Relative Standard Deviation: 7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.028708	10.0	1396134.0	1.435392	Y
2	IC 410-686919/27	0.06	0.084999	10.0	1250844.0	1.416643	Y
3	IC 410-686919/14	0.2	0.266092	10.0	1404815.0	1.33046	Y
4	IC 410-686919/15	0.5	0.669637	10.0	1298509.0	1.339275	Y
5	IC 410-686919/16	1.0	1.176616	10.0	1490061.0	1.176616	Y
6	IC 410-686919/17	2.0	2.784181	10.0	1256179.0	1.392091	Y
7	IC 410-686919/18	5.0	5.832243	10.0	1418751.0	1.166449	Y
8	ICIS 410-686919/19	10.0	14.310068	10.0	1212540.0	1.431007	Y
9	IC 410-686919/20	25.0	32.151734	10.0	1416318.0	1.286069	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

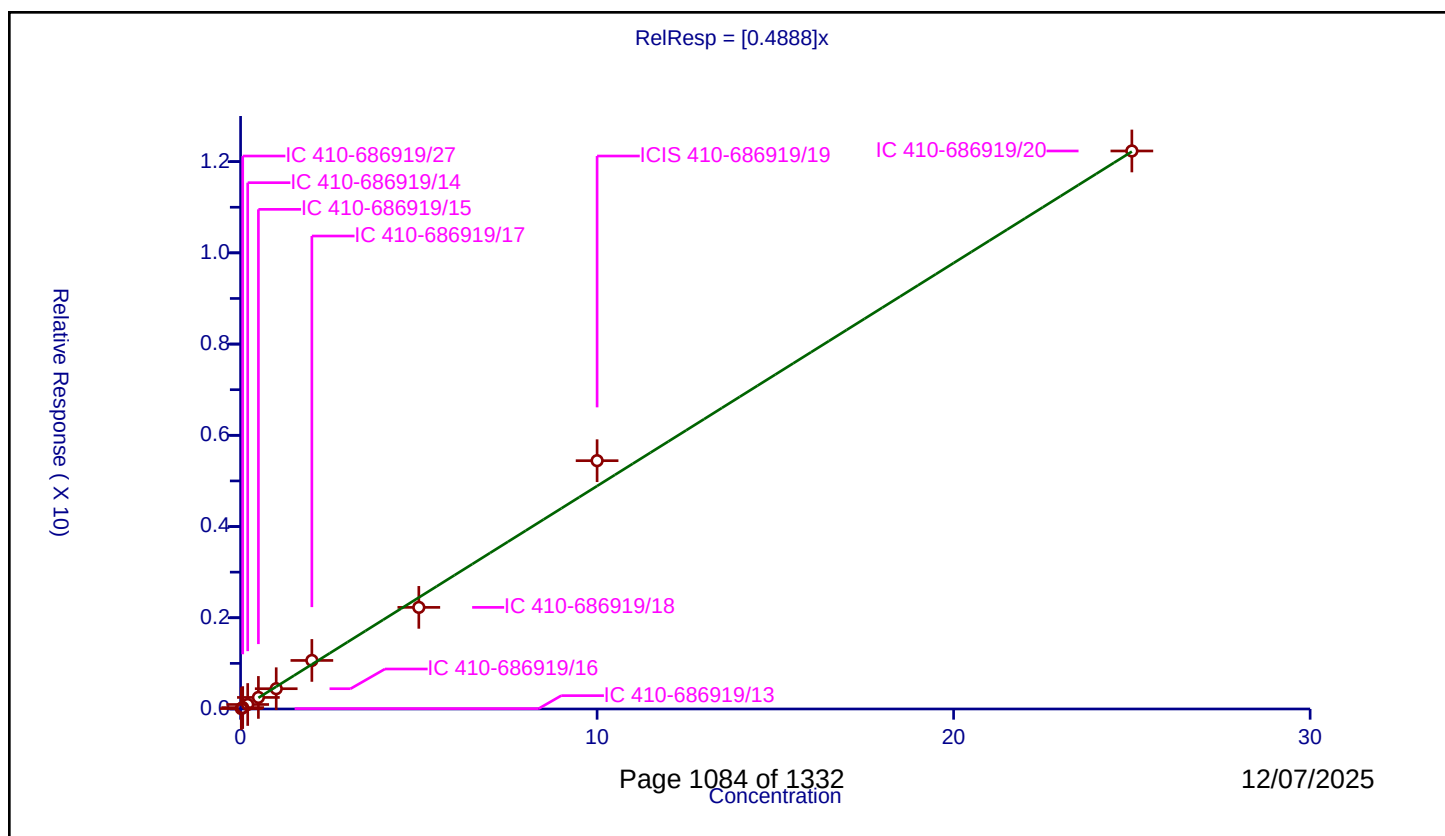
Curve Coefficients

Intercept: 0
Slope: 0.4888

Error Coefficients

Relative Standard Deviation: 8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.008674	10.0	1396134.0	0.433698	Y
2	IC 410-686919/27	0.06	0.030579	10.0	1250844.0	0.509656	Y
3	IC 410-686919/14	0.2	0.098682	10.0	1404815.0	0.49341	Y
4	IC 410-686919/15	0.5	0.253522	10.0	1298509.0	0.507043	Y
5	IC 410-686919/16	1.0	0.444431	10.0	1490061.0	0.444431	Y
6	IC 410-686919/17	2.0	1.064084	10.0	1256179.0	0.532042	Y
7	IC 410-686919/18	5.0	2.227452	10.0	1418751.0	0.44549	Y
8	ICIS 410-686919/19	10.0	5.443985	10.0	1212540.0	0.544399	Y
9	IC 410-686919/20	25.0	12.233489	10.0	1416318.0	0.48934	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

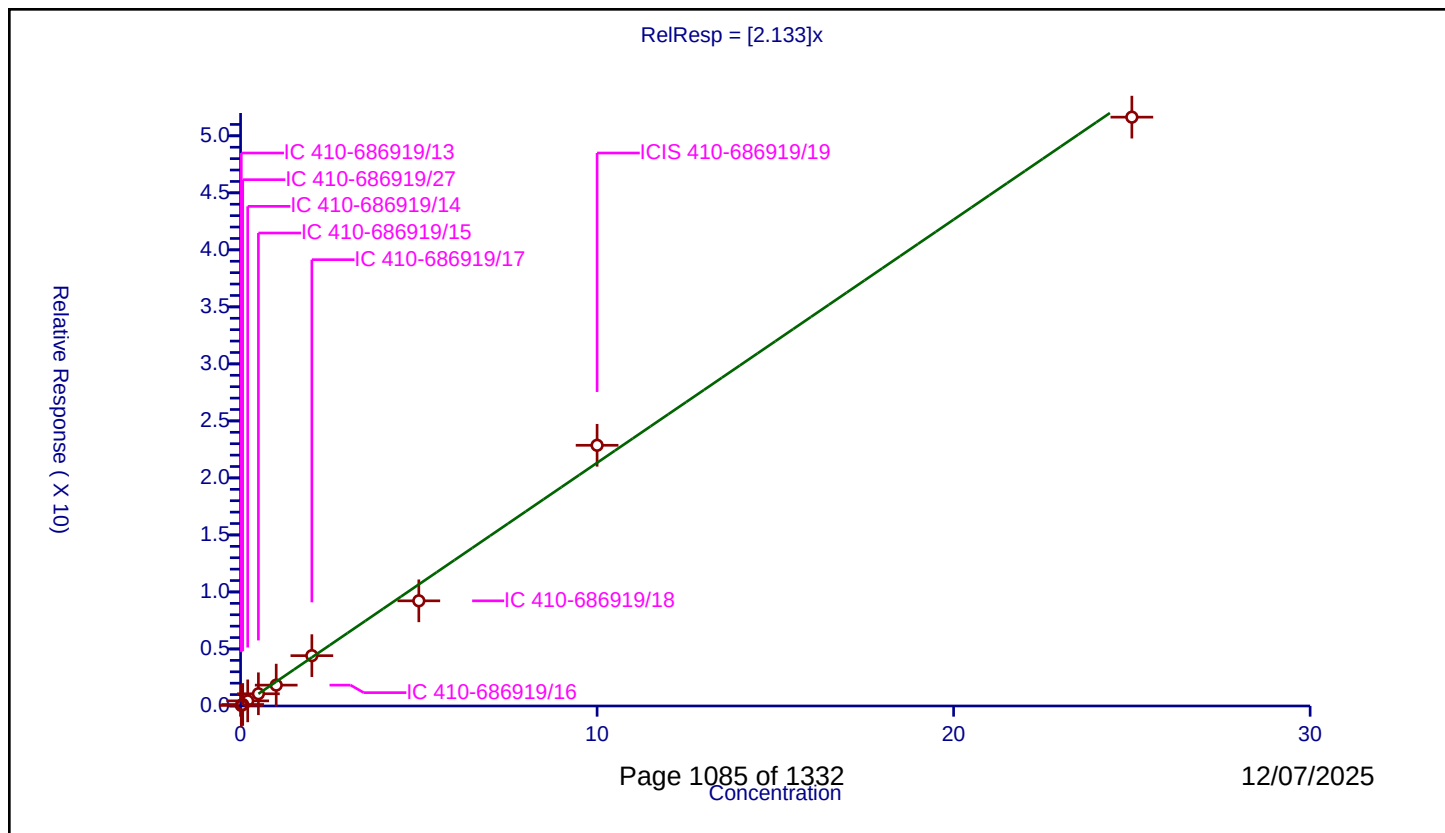
Curve Coefficients

Intercept: 0
Slope: 2.133

Error Coefficients

Relative Standard Deviation: 8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.047266	10.0	1396134.0	2.363312	Y
2	IC 410-686919/27	0.06	0.132343	10.0	1250844.0	2.205711	Y
3	IC 410-686919/14	0.2	0.449639	10.0	1404815.0	2.248196	Y
4	IC 410-686919/15	0.5	1.071144	10.0	1298509.0	2.142288	Y
5	IC 410-686919/16	1.0	1.82965	10.0	1490061.0	1.82965	Y
6	IC 410-686919/17	2.0	4.41492	10.0	1256179.0	2.20746	Y
7	IC 410-686919/18	5.0	9.222217	10.0	1418751.0	1.844443	Y
8	ICIS 410-686919/19	10.0	22.861522	10.0	1212540.0	2.286152	Y
9	IC 410-686919/20	25.0	51.636709	10.0	1416318.0	2.065468	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

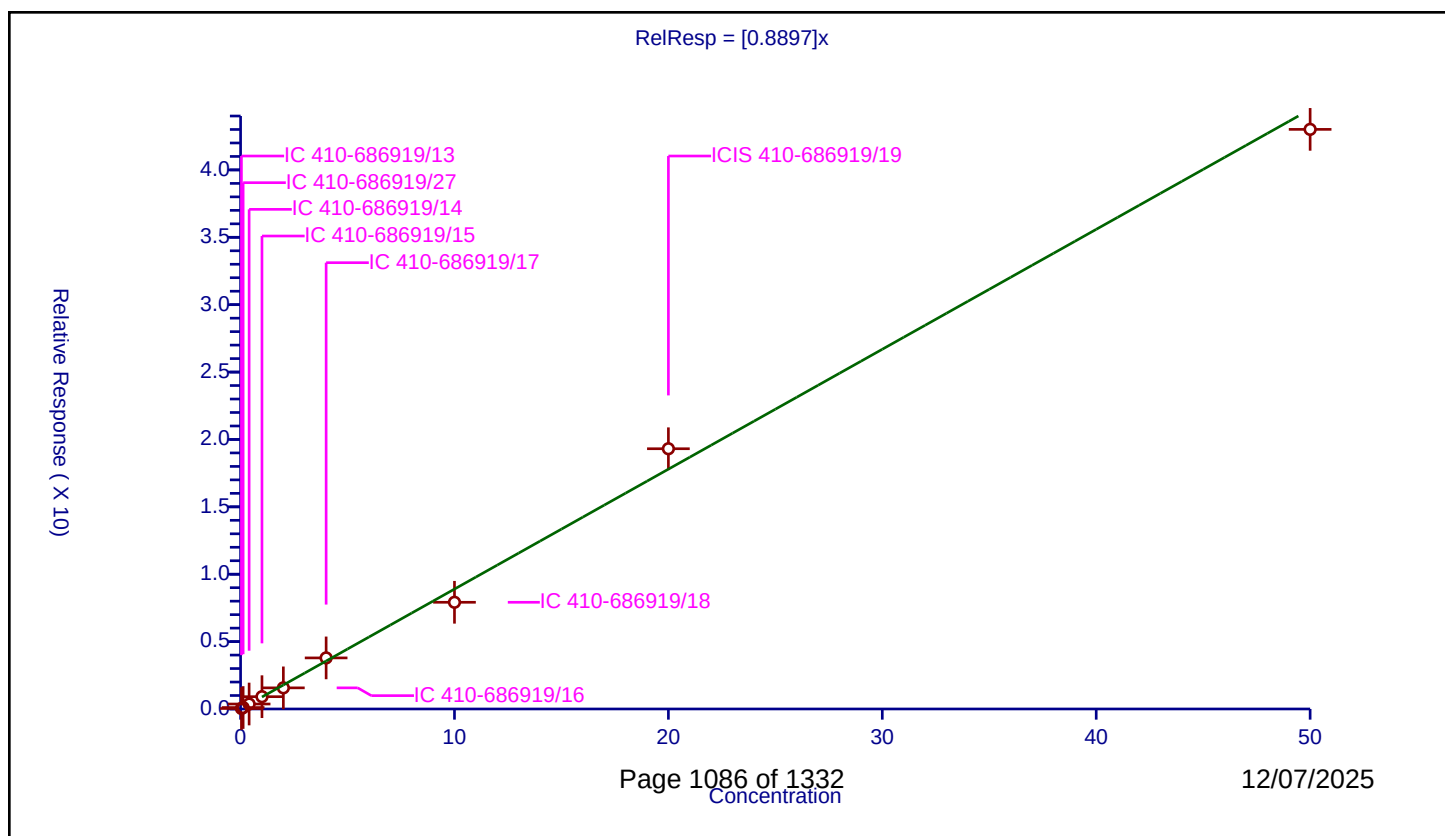
Curve Coefficients

Intercept: 0
Slope: 0.8897

Error Coefficients

Relative Standard Deviation: 7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.04	0.037138	10.0	1396134.0	0.928457	Y
2	IC 410-686919/27	0.12	0.107391	10.0	1250844.0	0.894929	Y
3	IC 410-686919/14	0.4	0.368326	10.0	1404815.0	0.920815	Y
4	IC 410-686919/15	1.0	0.914079	10.0	1298509.0	0.914079	Y
5	IC 410-686919/16	2.0	1.568627	10.0	1490061.0	0.784314	Y
6	IC 410-686919/17	4.0	3.789954	10.0	1256179.0	0.947488	Y
7	IC 410-686919/18	10.0	7.918359	10.0	1418751.0	0.791836	Y
8	ICIS 410-686919/19	20.0	19.311338	10.0	1212540.0	0.965567	Y
9	IC 410-686919/20	50.0	43.008816	10.0	1416318.0	0.860176	Y



Calibration

/ o-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

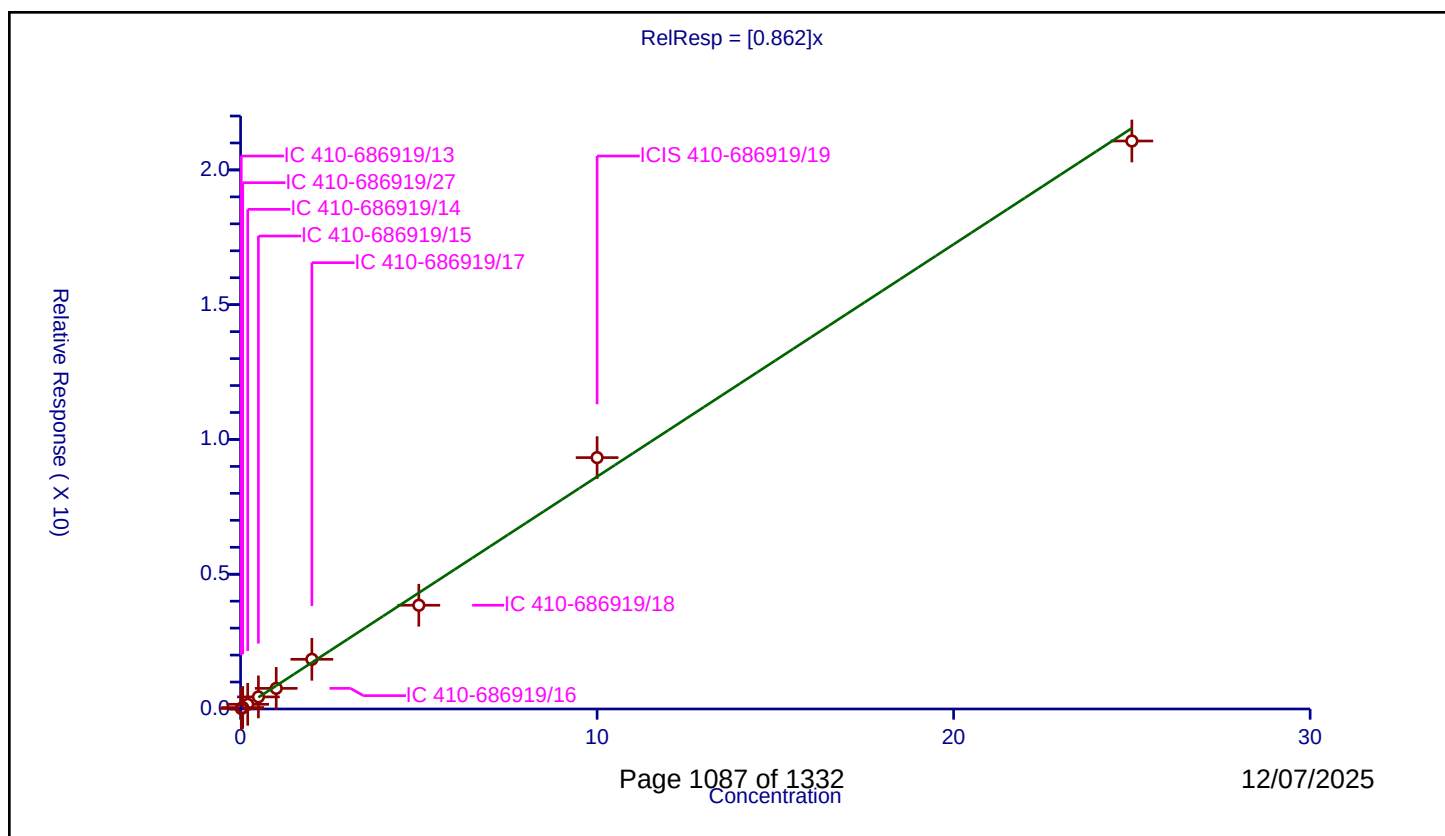
Curve Coefficients

Intercept: 0
Slope: 0.862

Error Coefficients

Relative Standard Deviation: 7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.017283	10.0	1396134.0	0.864172	Y
2	IC 410-686919/27	0.06	0.0537	10.0	1250844.0	0.894996	Y
3	IC 410-686919/14	0.2	0.173646	10.0	1404815.0	0.868228	Y
4	IC 410-686919/15	0.5	0.44873	10.0	1298509.0	0.89746	Y
5	IC 410-686919/16	1.0	0.765398	10.0	1490061.0	0.765398	Y
6	IC 410-686919/17	2.0	1.844037	10.0	1256179.0	0.922018	Y
7	IC 410-686919/18	5.0	3.848653	10.0	1418751.0	0.769731	Y
8	ICIS 410-686919/19	10.0	9.32667	10.0	1212540.0	0.932667	Y
9	IC 410-686919/20	25.0	21.073177	10.0	1416318.0	0.842927	Y

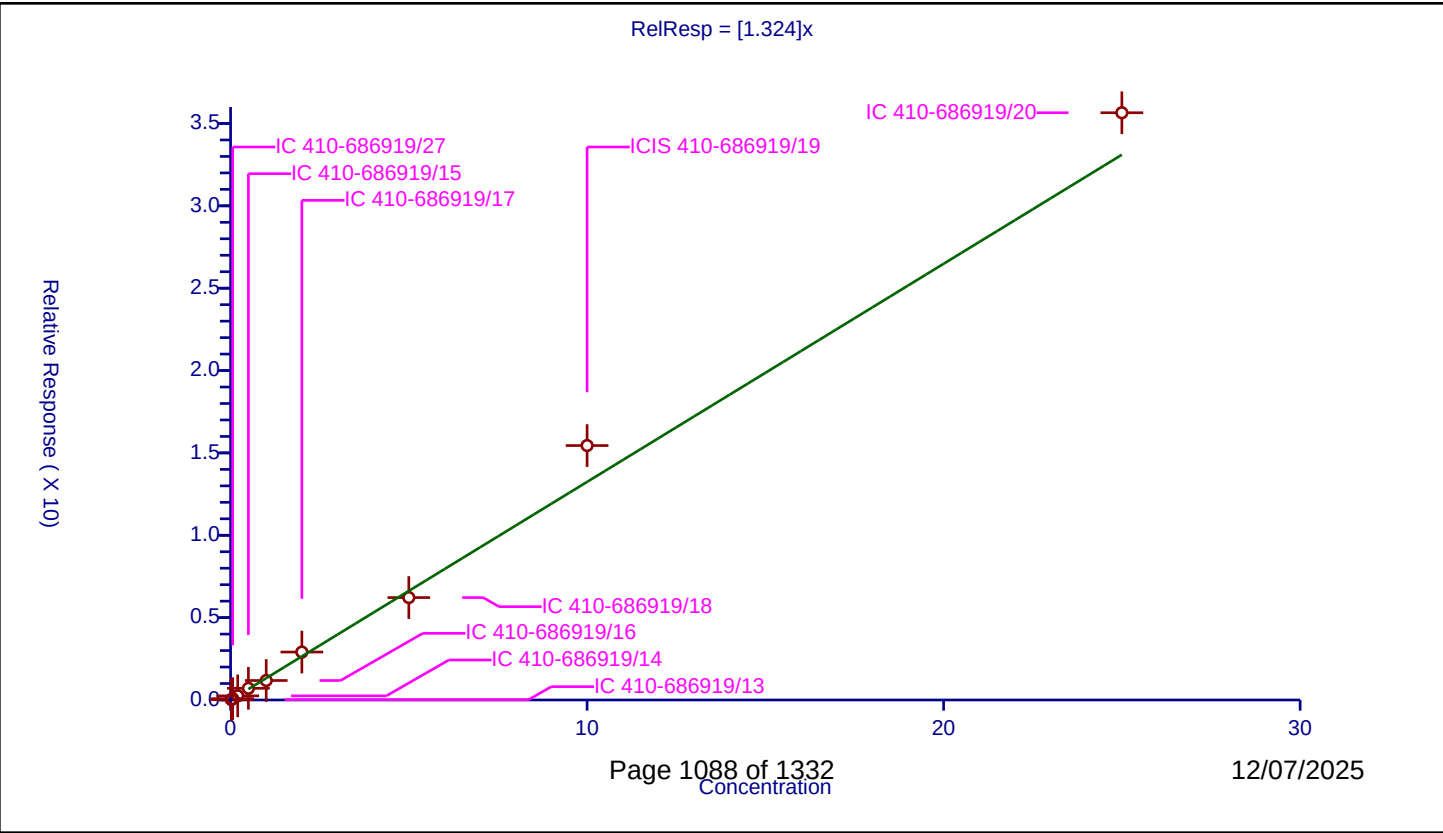


Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.324
Error Coefficients	

Relative Standard Deviation: 12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.020249	10.0	1396134.0	1.012439	Y
2	IC 410-686919/27	0.06	0.082248	10.0	1250844.0	1.370808	Y
3	IC 410-686919/14	0.2	0.252396	10.0	1404815.0	1.261981	Y
4	IC 410-686919/15	0.5	0.70956	10.0	1298509.0	1.41912	Y
5	IC 410-686919/16	1.0	1.182931	10.0	1490061.0	1.182931	Y
6	IC 410-686919/17	2.0	2.910365	10.0	1256179.0	1.455183	Y
7	IC 410-686919/18	5.0	6.217307	10.0	1418751.0	1.243461	Y
8	ICIS 410-686919/19	10.0	15.447062	10.0	1212540.0	1.544706	Y
9	IC 410-686919/20	25.0	35.652339	10.0	1416318.0	1.426094	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

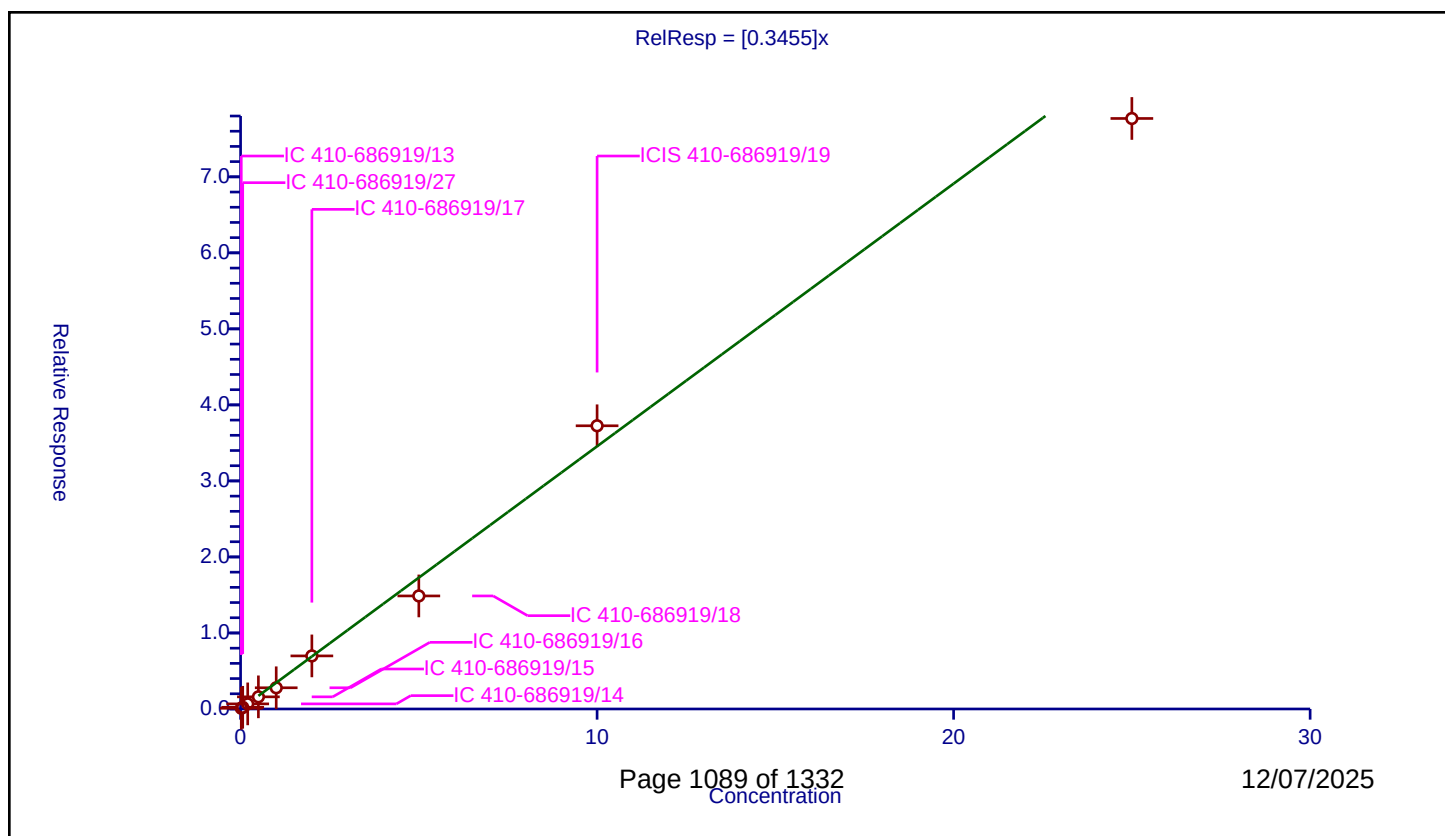
Curve Coefficients

Intercept: 0
Slope: 0.3455

Error Coefficients

Relative Standard Deviation: 16.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.009426	10.0	1396134.0	0.471301	Y
2	IC 410-686919/27	0.06	0.022401	10.0	1250844.0	0.373348	Y
3	IC 410-686919/14	0.2	0.067269	10.0	1404815.0	0.336343	Y
4	IC 410-686919/15	0.5	0.15986	10.0	1298509.0	0.319721	Y
5	IC 410-686919/16	1.0	0.279022	10.0	1490061.0	0.279022	Y
6	IC 410-686919/17	2.0	0.698213	10.0	1256179.0	0.349106	Y
7	IC 410-686919/18	5.0	1.487273	10.0	1418751.0	0.297455	Y
8	ICIS 410-686919/19	10.0	3.725551	10.0	1212540.0	0.372555	Y
9	IC 410-686919/20	25.0	7.767549	10.0	1416318.0	0.310702	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

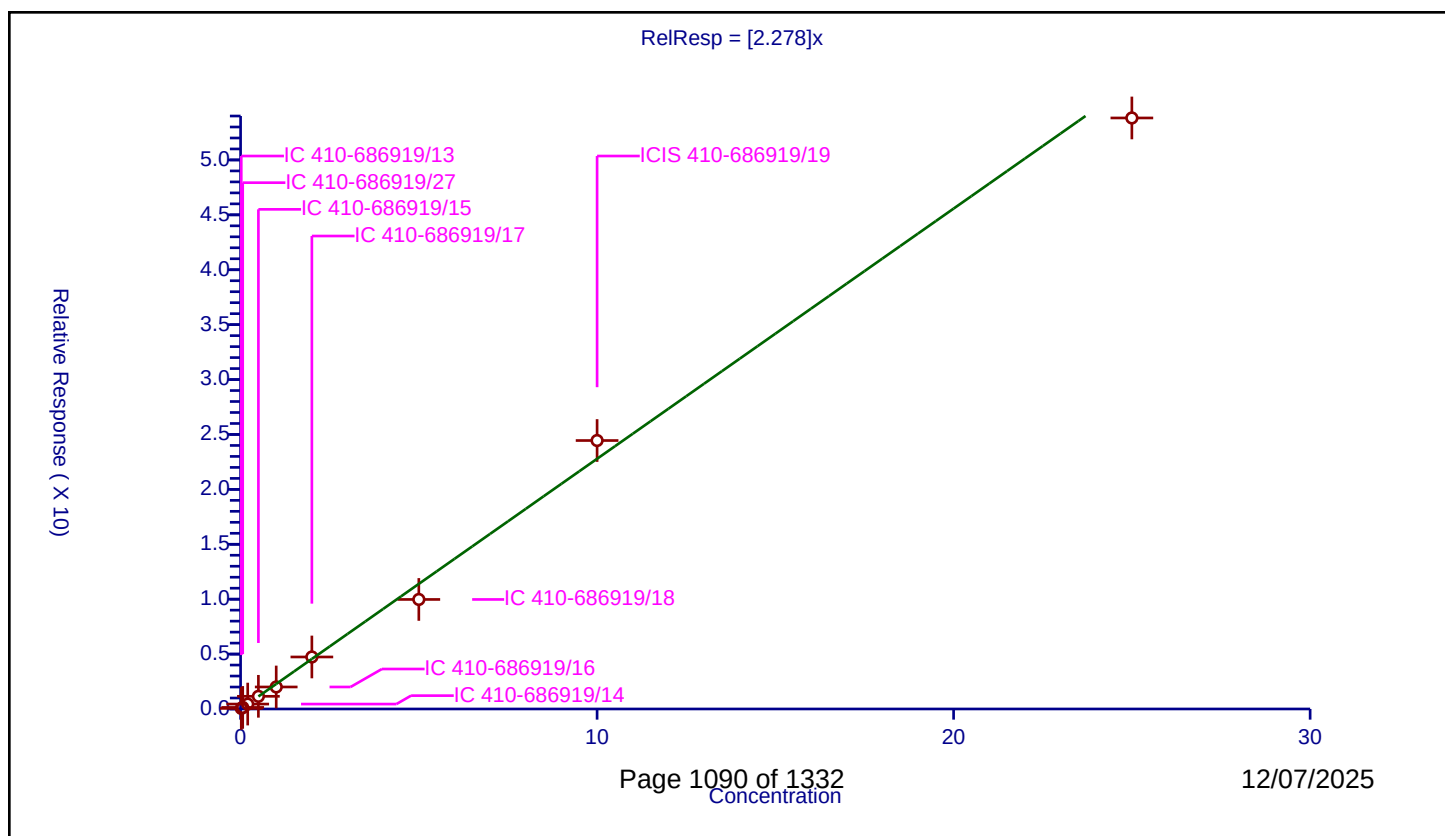
Curve Coefficients

Intercept: 0
Slope: 2.278

Error Coefficients

Relative Standard Deviation: 9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.052524	10.0	1396134.0	2.626181	Y
2	IC 410-686919/27	0.06	0.142008	10.0	1250844.0	2.366802	Y
3	IC 410-686919/14	0.2	0.447611	10.0	1404815.0	2.238053	Y
4	IC 410-686919/15	0.5	1.154316	10.0	1298509.0	2.308632	Y
5	IC 410-686919/16	1.0	2.005468	10.0	1490061.0	2.005468	Y
6	IC 410-686919/17	2.0	4.736713	10.0	1256179.0	2.368357	Y
7	IC 410-686919/18	5.0	9.973857	10.0	1418751.0	1.994771	Y
8	ICIS 410-686919/19	10.0	24.449362	10.0	1212540.0	2.444936	Y
9	IC 410-686919/20	25.0	53.821917	10.0	1416318.0	2.152877	Y



Calibration

/ 4-Bromofluorobenzene (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

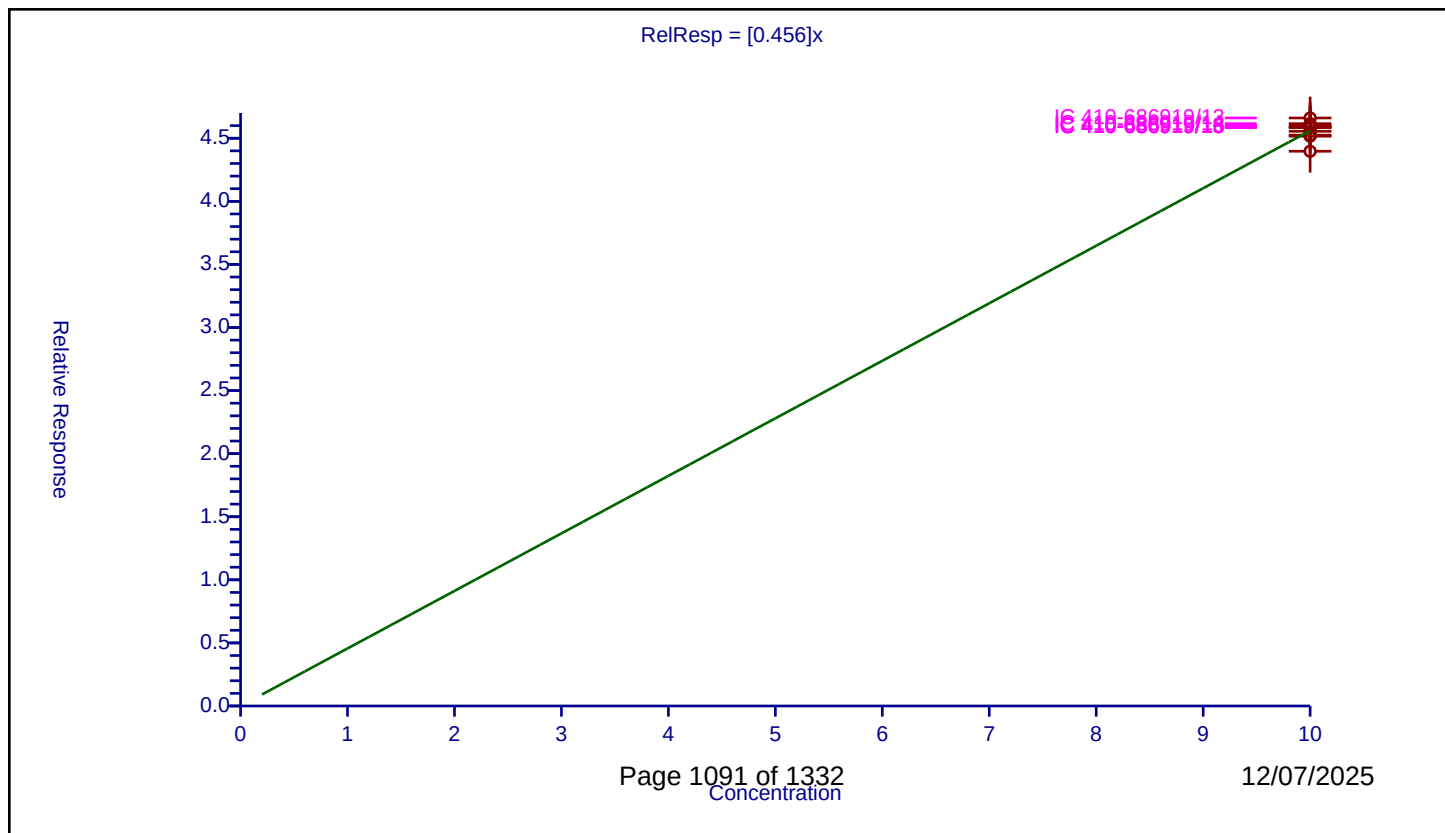
Curve Coefficients

Intercept: 0
 Slope: 0.456

Error Coefficients

Relative Standard Deviation: 1.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	10.0	4.66077	10.0	1396134.0	0.466077	Y
2	IC 410-686919/14	10.0	4.615369	10.0	1404815.0	0.461537	Y
3	IC 410-686919/15	10.0	4.590064	10.0	1298509.0	0.459006	Y
4	IC 410-686919/16	10.0	4.594778	10.0	1490061.0	0.459478	Y
5	IC 410-686919/17	10.0	4.516355	10.0	1256179.0	0.451635	Y
6	IC 410-686919/18	10.0	4.584194	10.0	1418751.0	0.458419	Y
7	ICIS 410-686919/19	10.0	4.524766	10.0	1212540.0	0.452477	Y
8	IC 410-686919/20	10.0	4.396979	10.0	1416318.0	0.439698	Y
9	IC 410-686919/27	10.0	4.555148	10.0	1250844.0	0.455515	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

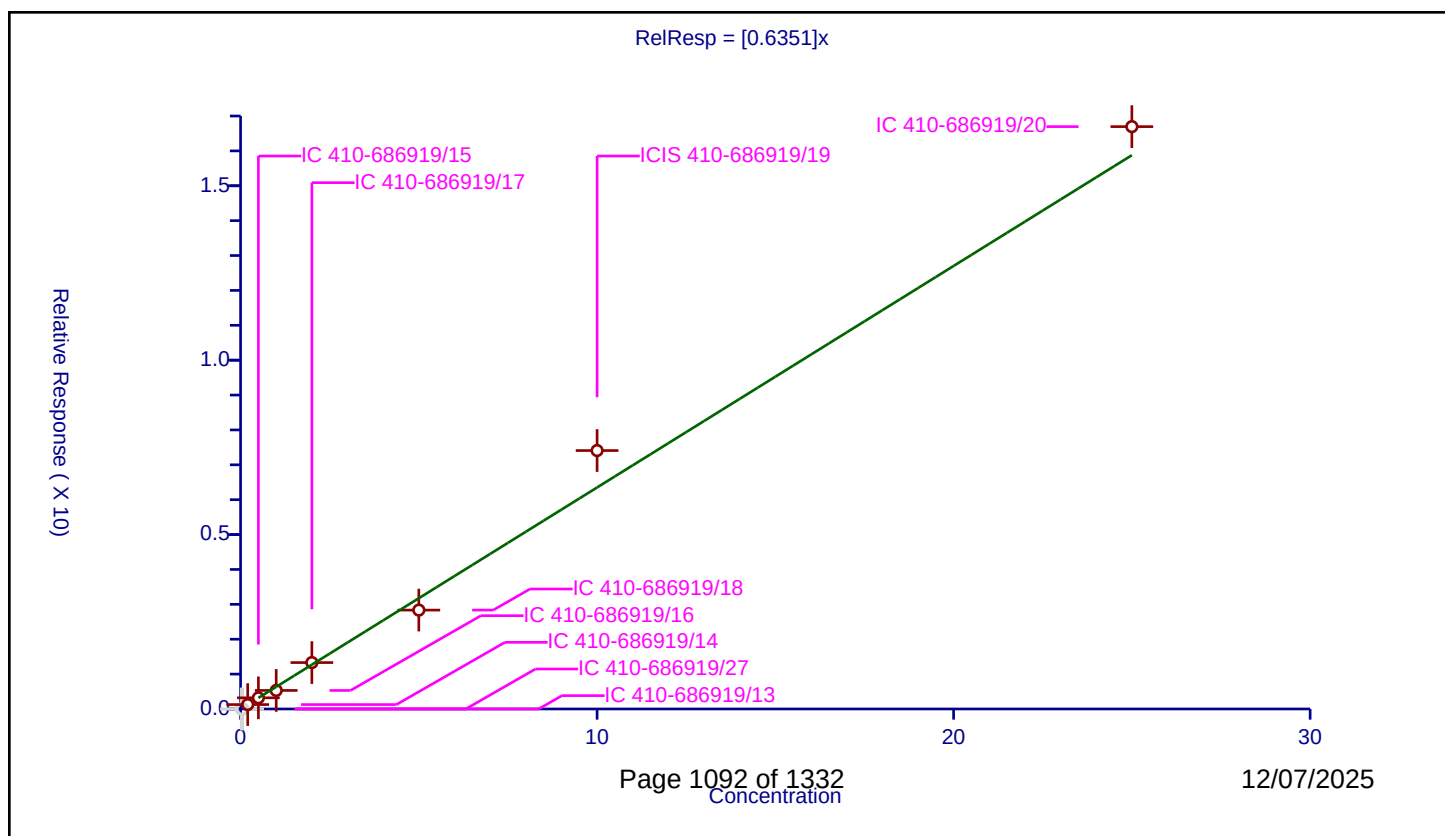
Curve Coefficients

Intercept: 0
Slope: 0.6351

Error Coefficients

Relative Standard Deviation: 10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.0	10.0	902916.0	0.0	N
2	IC 410-686919/27	0.06	0.0	10.0	783722.0	0.0	N
3	IC 410-686919/14	0.2	0.126345	10.0	915189.0	0.631727	Y
4	IC 410-686919/15	0.5	0.3203	10.0	833499.0	0.640601	Y
5	IC 410-686919/16	1.0	0.532032	10.0	959492.0	0.532032	Y
6	IC 410-686919/17	2.0	1.330627	10.0	797985.0	0.665313	Y
7	IC 410-686919/18	5.0	2.834876	10.0	891919.0	0.566975	Y
8	ICIS 410-686919/19	10.0	7.409246	10.0	730903.0	0.740925	Y
9	IC 410-686919/20	25.0	16.695768	10.0	850812.0	0.667831	Y



Calibration

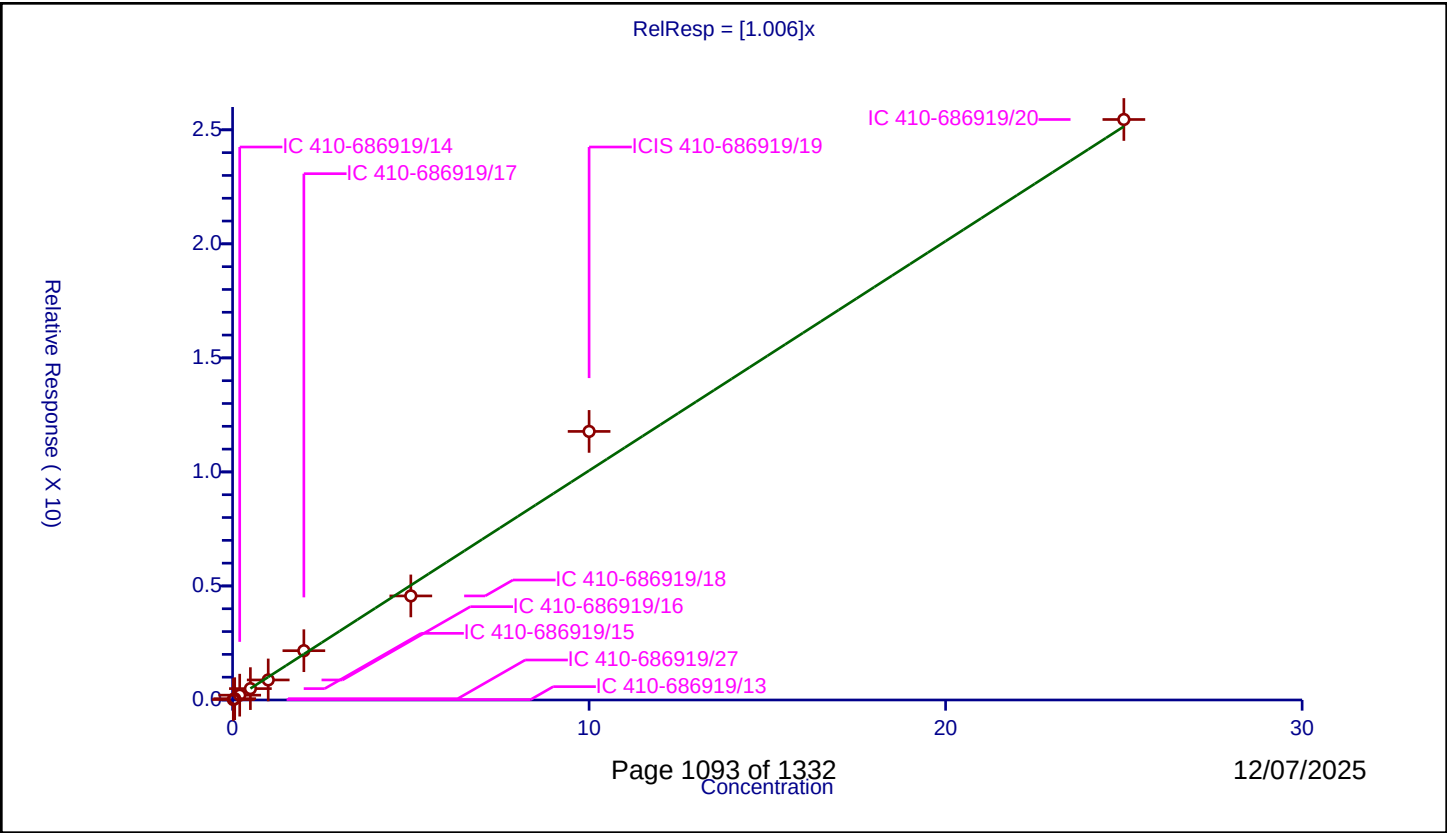
/ Bromobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.006
Error Coefficients	

Relative Standard Deviation: 9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.019249	10.0	902916.0	0.962437	Y
2	IC 410-686919/27	0.06	0.058146	10.0	783722.0	0.969094	Y
3	IC 410-686919/14	0.2	0.211454	10.0	915189.0	1.057268	Y
4	IC 410-686919/15	0.5	0.498177	10.0	833499.0	0.996354	Y
5	IC 410-686919/16	1.0	0.878913	10.0	959492.0	0.878913	Y
6	IC 410-686919/17	2.0	2.161219	10.0	797985.0	1.080609	Y
7	IC 410-686919/18	5.0	4.563318	10.0	891919.0	0.912664	Y
8	ICIS 410-686919/19	10.0	11.775502	10.0	730903.0	1.17755	Y
9	IC 410-686919/20	25.0	25.452333	10.0	850812.0	1.018093	Y



Calibration

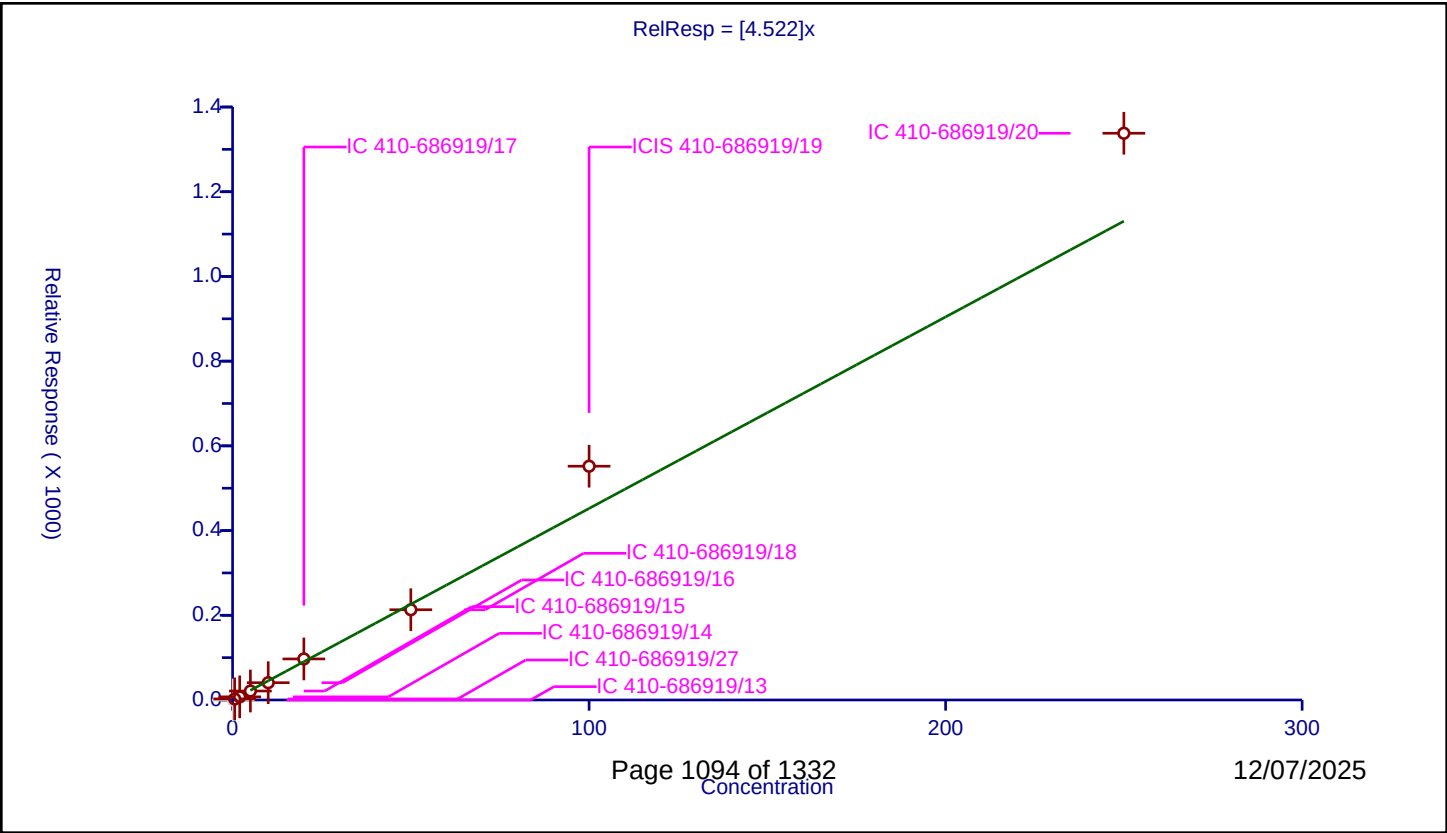
/ trans-1,4-Dichloro-2-butene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	4.522
Error Coefficients	

Relative Standard Deviation: 14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.2	0.0	50.0	142532.0	0.0	N
2	IC 410-686919/27	0.6	2.519897	50.0	117227.0	4.199829	Y
3	IC 410-686919/14	2.0	7.367189	50.0	150383.0	3.683595	Y
4	IC 410-686919/15	5.0	21.165272	50.0	133634.0	4.233054	Y
5	IC 410-686919/16	10.0	40.802234	50.0	144160.0	4.080223	Y
6	IC 410-686919/17	20.0	96.918953	50.0	122361.0	4.845948	Y
7	IC 410-686919/18	50.0	213.078187	50.0	141174.0	4.261564	Y
8	ICIS 410-686919/19	100.0	551.919181	50.0	123412.0	5.519192	Y
9	IC 410-686919/20	250.0	1338.024549	50.0	148032.0	5.352098	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

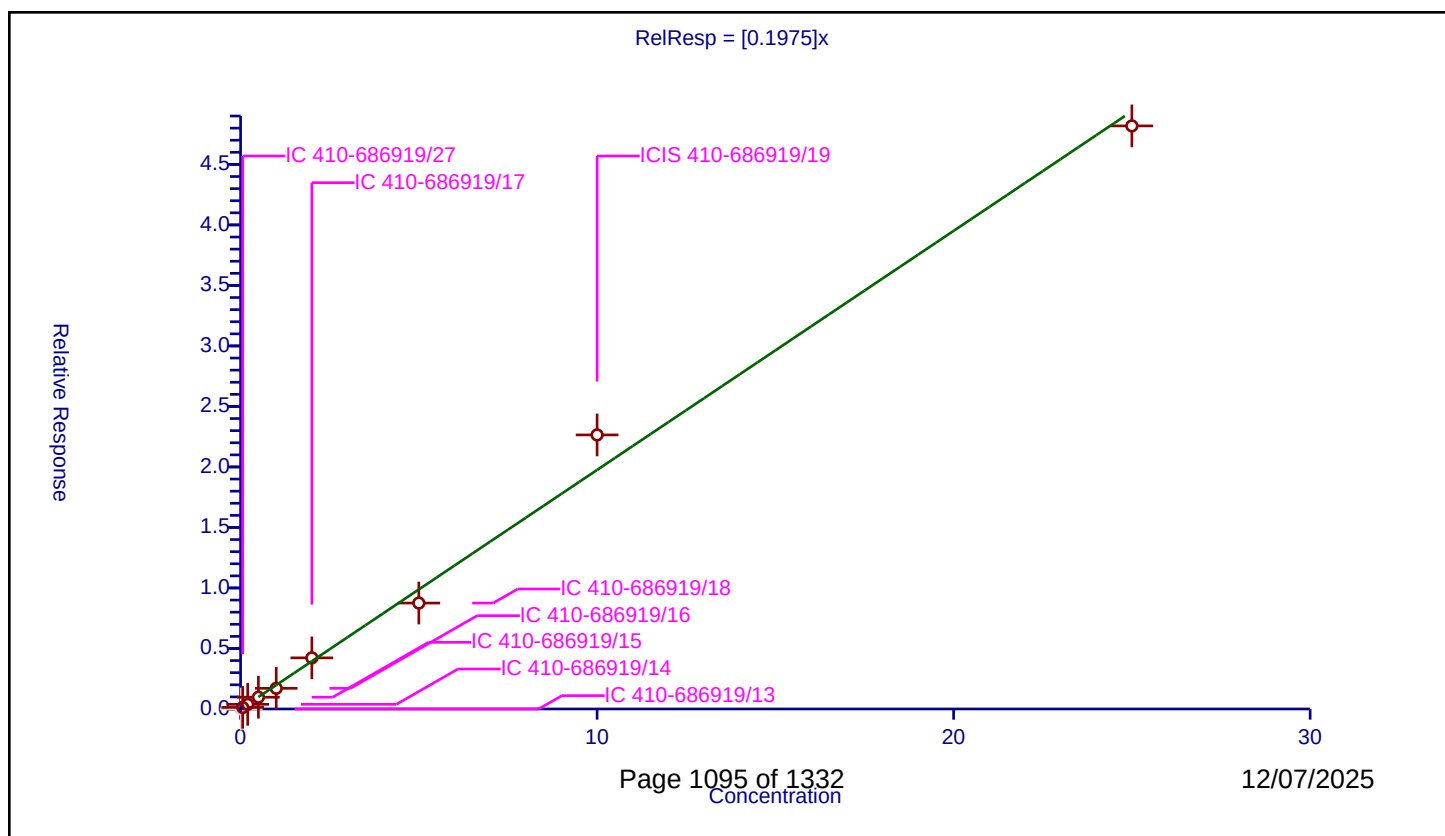
Curve Coefficients

Intercept: 0
Slope: 0.1975

Error Coefficients

Relative Standard Deviation: 9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.0	10.0	902916.0	0.0	N
2	IC 410-686919/27	0.06	0.013053	10.0	783722.0	0.217552	Y
3	IC 410-686919/14	0.2	0.038386	10.0	915189.0	0.191928	Y
4	IC 410-686919/15	0.5	0.097193	10.0	833499.0	0.194385	Y
5	IC 410-686919/16	1.0	0.170934	10.0	959492.0	0.170934	Y
6	IC 410-686919/17	2.0	0.422539	10.0	797985.0	0.21127	Y
7	IC 410-686919/18	5.0	0.875337	10.0	891919.0	0.175067	Y
8	ICIS 410-686919/19	10.0	2.264801	10.0	730903.0	0.22648	Y
9	IC 410-686919/20	25.0	4.818138	10.0	850812.0	0.192726	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

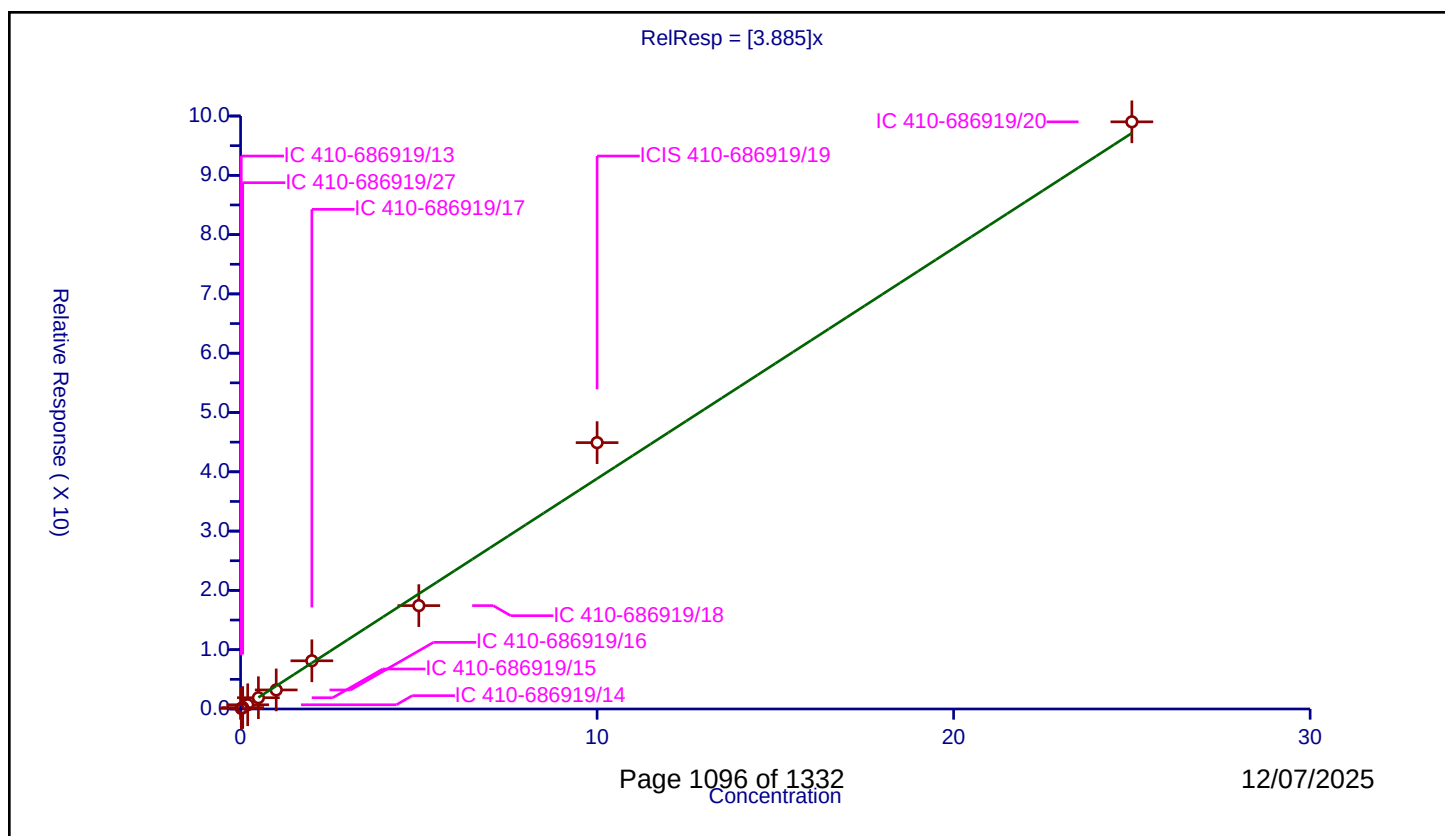
Curve Coefficients

Intercept: 0
Slope: 3.885

Error Coefficients

Relative Standard Deviation: 10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.087982	10.0	902916.0	4.39908	Y
2	IC 410-686919/27	0.06	0.238758	10.0	783722.0	3.979302	Y
3	IC 410-686919/14	0.2	0.71382	10.0	915189.0	3.569099	Y
4	IC 410-686919/15	0.5	1.897867	10.0	833499.0	3.795733	Y
5	IC 410-686919/16	1.0	3.214566	10.0	959492.0	3.214566	Y
6	IC 410-686919/17	2.0	8.129276	10.0	797985.0	4.064638	Y
7	IC 410-686919/18	5.0	17.432704	10.0	891919.0	3.486541	Y
8	ICIS 410-686919/19	10.0	44.921323	10.0	730903.0	4.492132	Y
9	IC 410-686919/20	25.0	99.018267	10.0	850812.0	3.960731	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

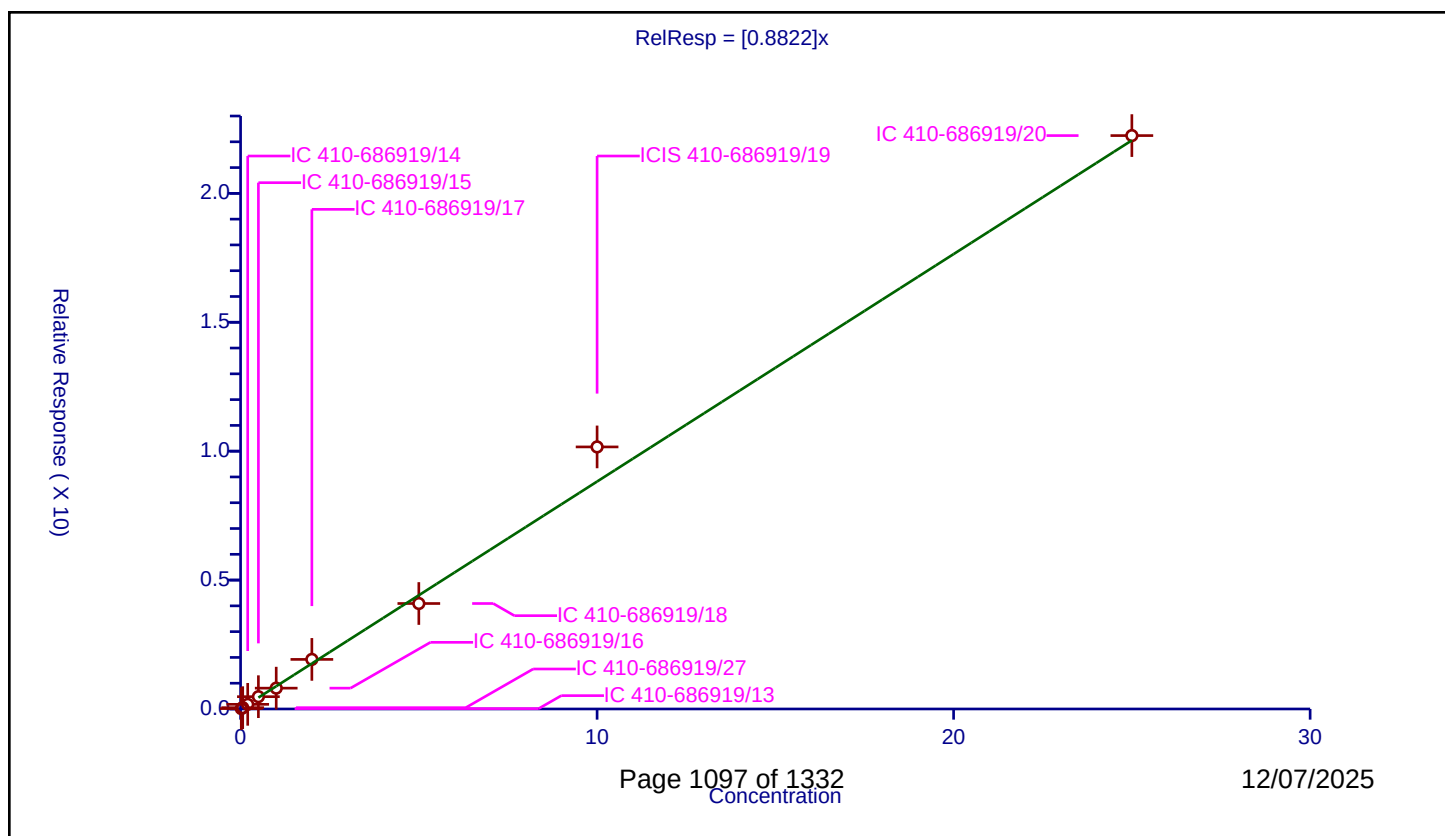
Curve Coefficients

Intercept: 0
Slope: 0.8822

Error Coefficients

Relative Standard Deviation: 10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.014575	10.0	902916.0	0.72875	Y
2	IC 410-686919/27	0.06	0.051613	10.0	783722.0	0.860211	Y
3	IC 410-686919/14	0.2	0.180356	10.0	915189.0	0.901781	Y
4	IC 410-686919/15	0.5	0.477409	10.0	833499.0	0.954818	Y
5	IC 410-686919/16	1.0	0.80874	10.0	959492.0	0.80874	Y
6	IC 410-686919/17	2.0	1.922868	10.0	797985.0	0.961434	Y
7	IC 410-686919/18	5.0	4.091235	10.0	891919.0	0.818247	Y
8	ICIS 410-686919/19	10.0	10.164536	10.0	730903.0	1.016454	Y
9	IC 410-686919/20	25.0	22.240918	10.0	850812.0	0.889637	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

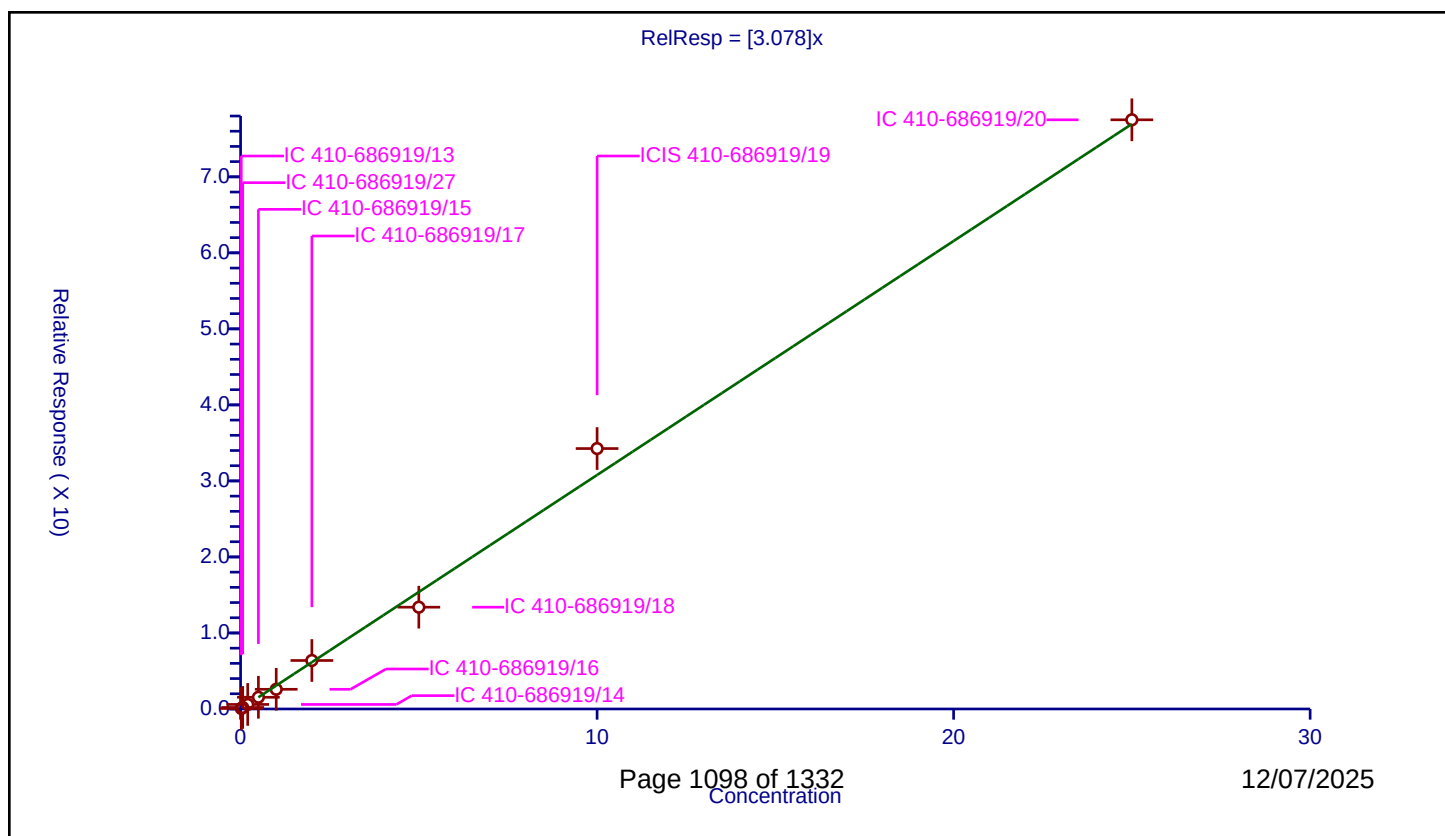
Curve Coefficients

Intercept: 0
Slope: 3.078

Error Coefficients

Relative Standard Deviation: 9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.065754	10.0	902916.0	3.287681	Y
2	IC 410-686919/27	0.06	0.201704	10.0	783722.0	3.361736	Y
3	IC 410-686919/14	0.2	0.597308	10.0	915189.0	2.986542	Y
4	IC 410-686919/15	0.5	1.54113	10.0	833499.0	3.082259	Y
5	IC 410-686919/16	1.0	2.58936	10.0	959492.0	2.58936	Y
6	IC 410-686919/17	2.0	6.378716	10.0	797985.0	3.189358	Y
7	IC 410-686919/18	5.0	13.391317	10.0	891919.0	2.678263	Y
8	ICIS 410-686919/19	10.0	34.259909	10.0	730903.0	3.425991	Y
9	IC 410-686919/20	25.0	77.502104	10.0	850812.0	3.100084	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

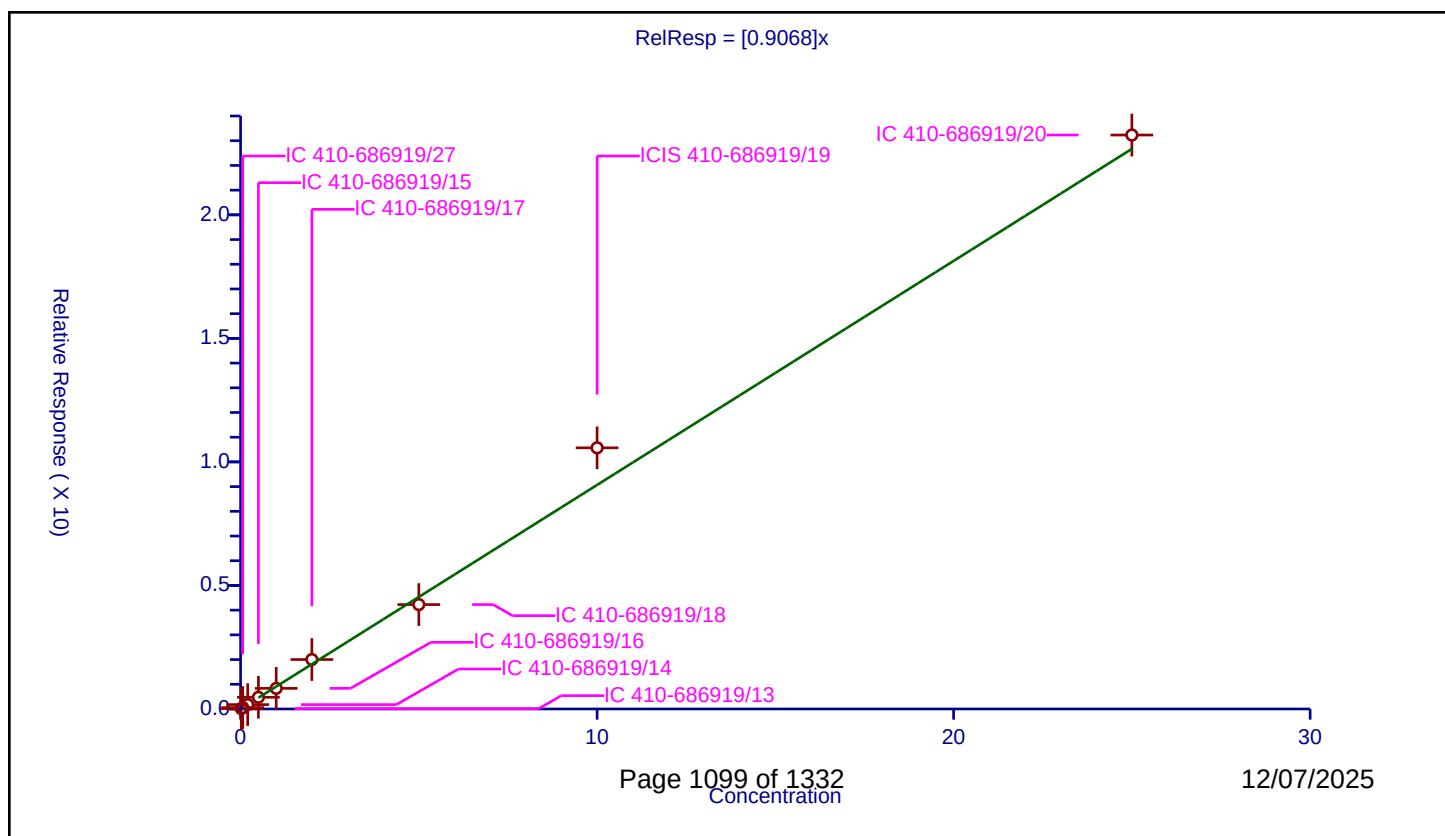
Curve Coefficients

Intercept: 0
Slope: 0.9068

Error Coefficients

Relative Standard Deviation: 11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.014165	10.0	902916.0	0.708261	Y
2	IC 410-686919/27	0.06	0.056857	10.0	783722.0	0.947615	Y
3	IC 410-686919/14	0.2	0.177865	10.0	915189.0	0.889325	Y
4	IC 410-686919/15	0.5	0.474374	10.0	833499.0	0.948747	Y
5	IC 410-686919/16	1.0	0.834619	10.0	959492.0	0.834619	Y
6	IC 410-686919/17	2.0	2.001541	10.0	797985.0	1.000771	Y
7	IC 410-686919/18	5.0	4.226426	10.0	891919.0	0.845285	Y
8	ICIS 410-686919/19	10.0	10.569665	10.0	730903.0	1.056967	Y
9	IC 410-686919/20	25.0	23.230561	10.0	850812.0	0.929222	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

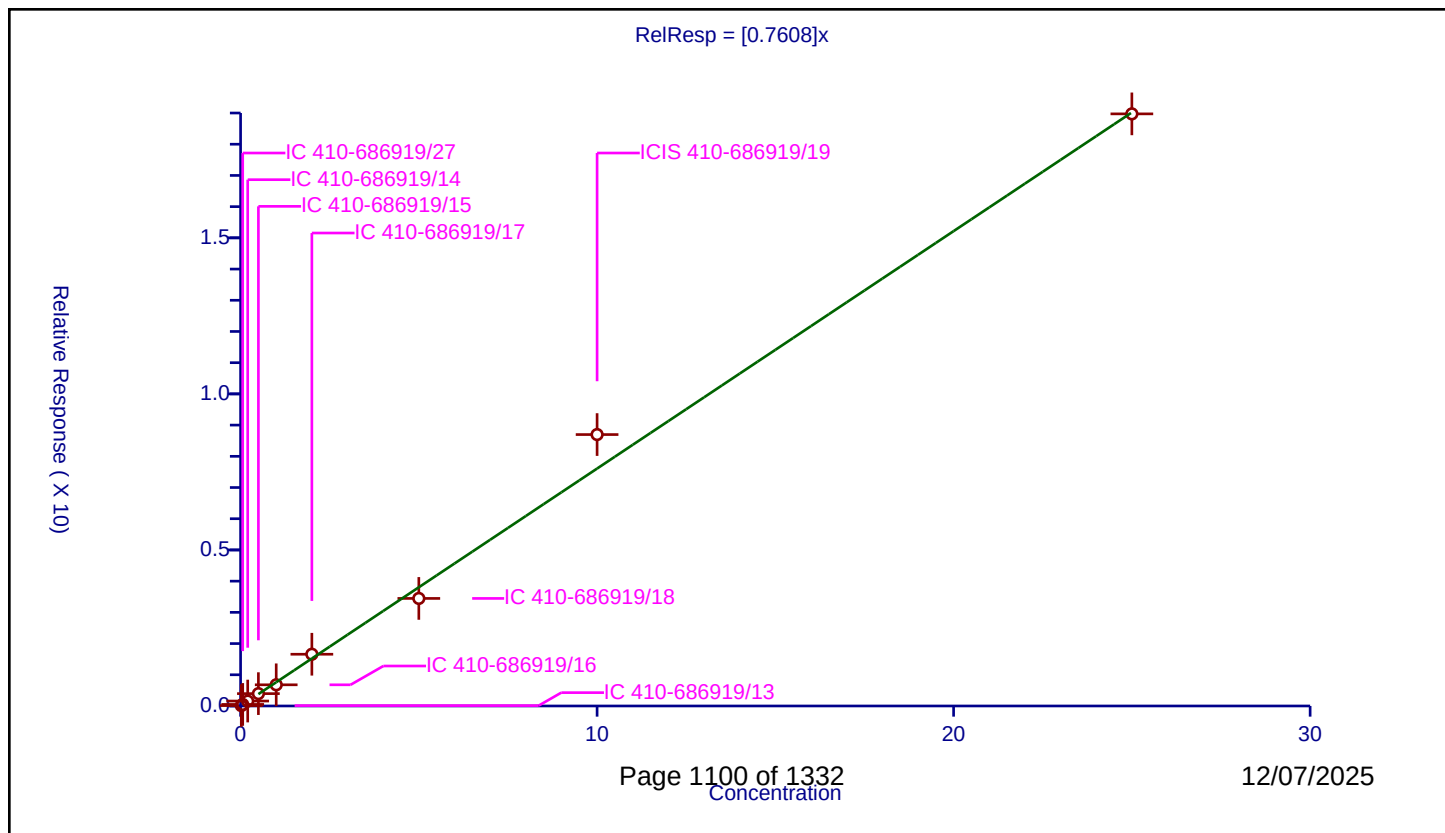
Curve Coefficients

Intercept: 0
Slope: 0.7608

Error Coefficients

Relative Standard Deviation: 11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.012116	10.0	902916.0	0.605815	Y
2	IC 410-686919/27	0.06	0.049967	10.0	783722.0	0.832778	Y
3	IC 410-686919/14	0.2	0.15812	10.0	915189.0	0.790602	Y
4	IC 410-686919/15	0.5	0.395789	10.0	833499.0	0.791579	Y
5	IC 410-686919/16	1.0	0.679172	10.0	959492.0	0.679172	Y
6	IC 410-686919/17	2.0	1.658151	10.0	797985.0	0.829076	Y
7	IC 410-686919/18	5.0	3.446389	10.0	891919.0	0.689278	Y
8	ICIS 410-686919/19	10.0	8.697406	10.0	730903.0	0.869741	Y
9	IC 410-686919/20	25.0	18.972805	10.0	850812.0	0.758912	Y



Calibration

/ Pentachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

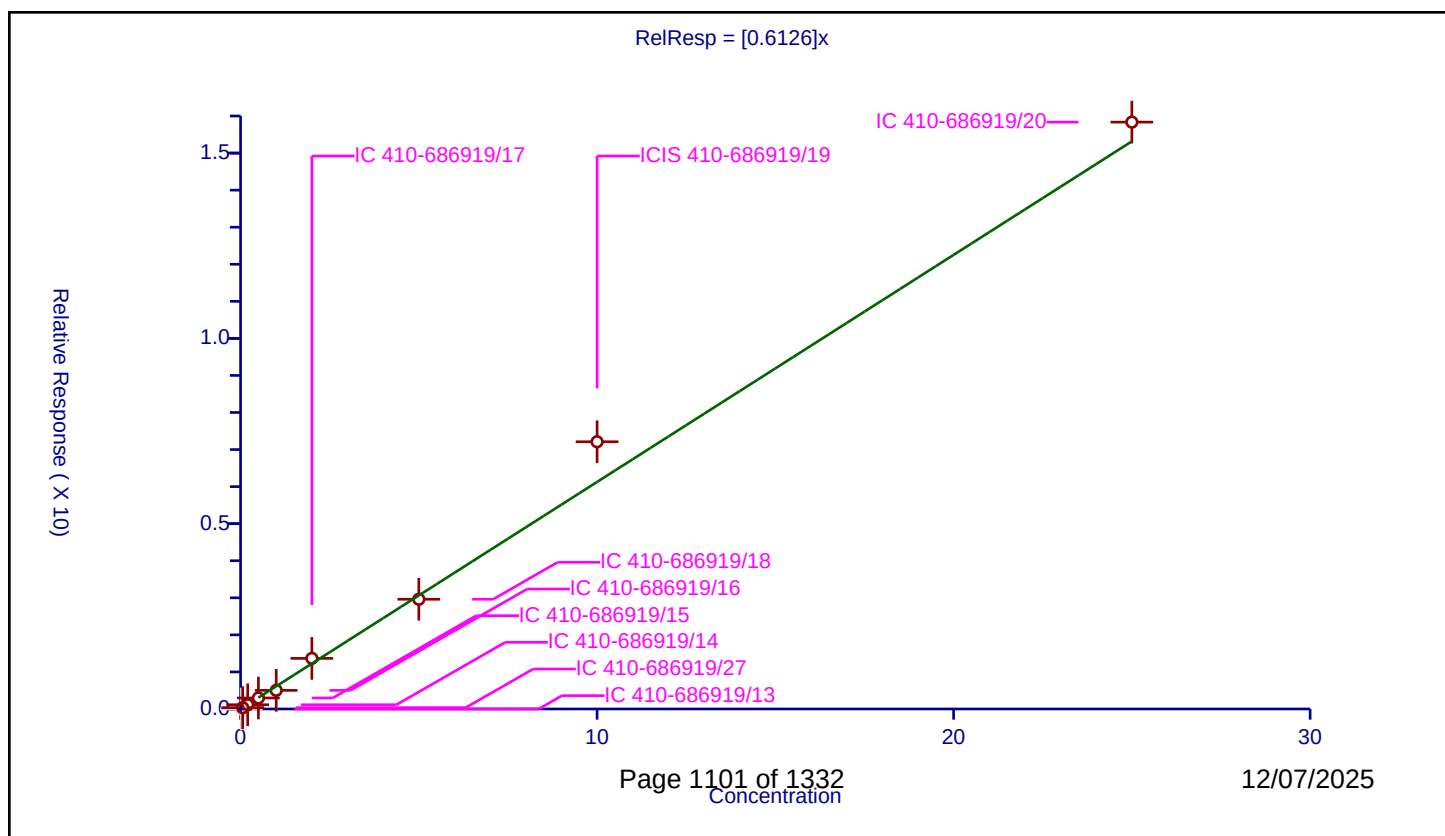
Curve Coefficients

Intercept: 0
Slope: 0.6126

Error Coefficients

Relative Standard Deviation: 11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.0	10.0	902916.0	0.0	N
2	IC 410-686919/27	0.06	0.036161	10.0	783722.0	0.60268	Y
3	IC 410-686919/14	0.2	0.114665	10.0	915189.0	0.573324	Y
4	IC 410-686919/15	0.5	0.296497	10.0	833499.0	0.592994	Y
5	IC 410-686919/16	1.0	0.502912	10.0	959492.0	0.502912	Y
6	IC 410-686919/17	2.0	1.365113	10.0	797985.0	0.682557	Y
7	IC 410-686919/18	5.0	2.961143	10.0	891919.0	0.592229	Y
8	ICIS 410-686919/19	10.0	7.210546	10.0	730903.0	0.721055	Y
9	IC 410-686919/20	25.0	15.835202	10.0	850812.0	0.633408	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

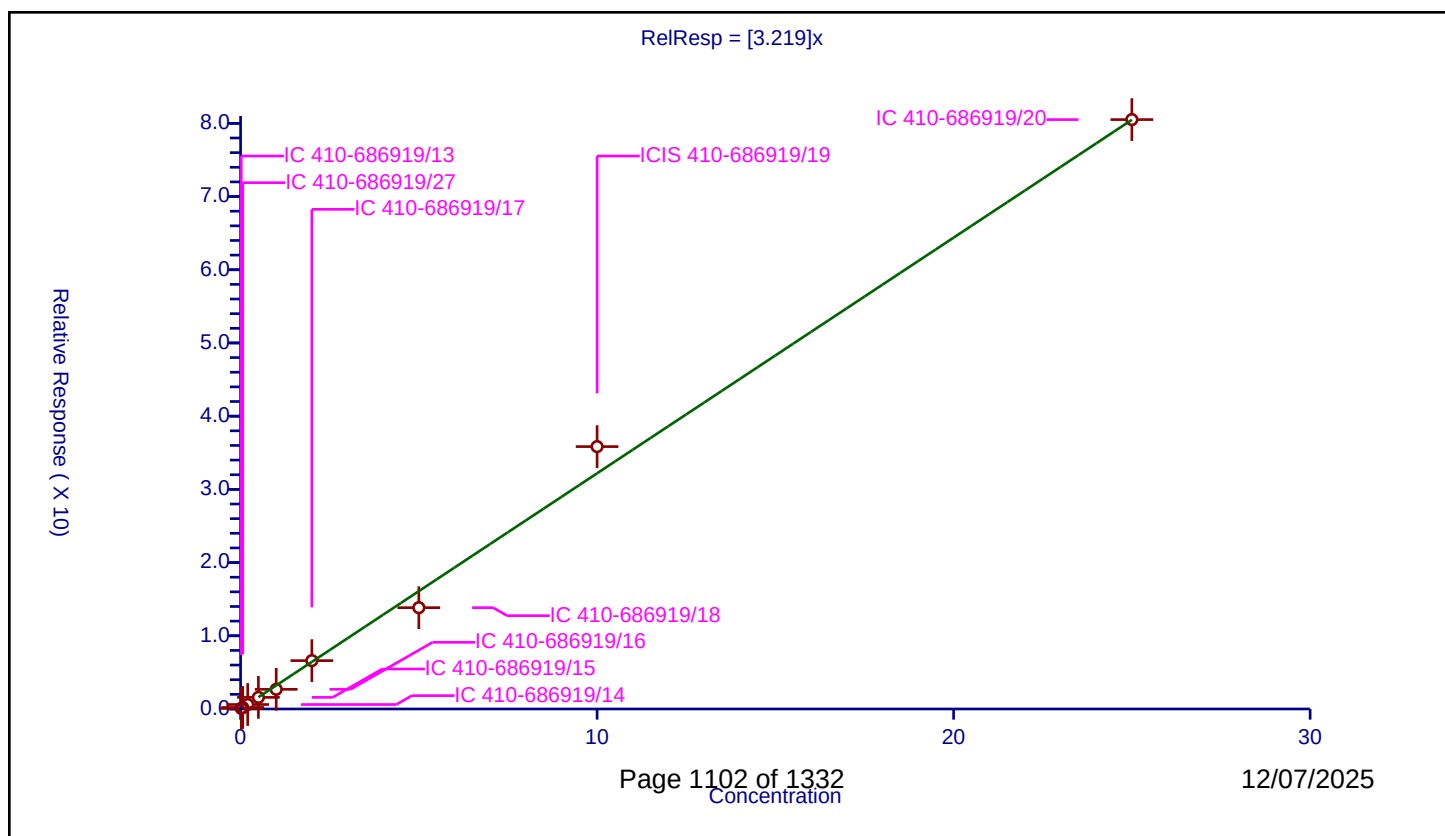
Curve Coefficients

Intercept: 0
Slope: 3.219

Error Coefficients

Relative Standard Deviation: 10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.074902	10.0	902916.0	3.745088	Y
2	IC 410-686919/27	0.06	0.206591	10.0	783722.0	3.443185	Y
3	IC 410-686919/14	0.2	0.610475	10.0	915189.0	3.052375	Y
4	IC 410-686919/15	0.5	1.585317	10.0	833499.0	3.170634	Y
5	IC 410-686919/16	1.0	2.686422	10.0	959492.0	2.686422	Y
6	IC 410-686919/17	2.0	6.606001	10.0	797985.0	3.303001	Y
7	IC 410-686919/18	5.0	13.838499	10.0	891919.0	2.7677	Y
8	ICIS 410-686919/19	10.0	35.841774	10.0	730903.0	3.584177	Y
9	IC 410-686919/20	25.0	80.512499	10.0	850812.0	3.2205	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

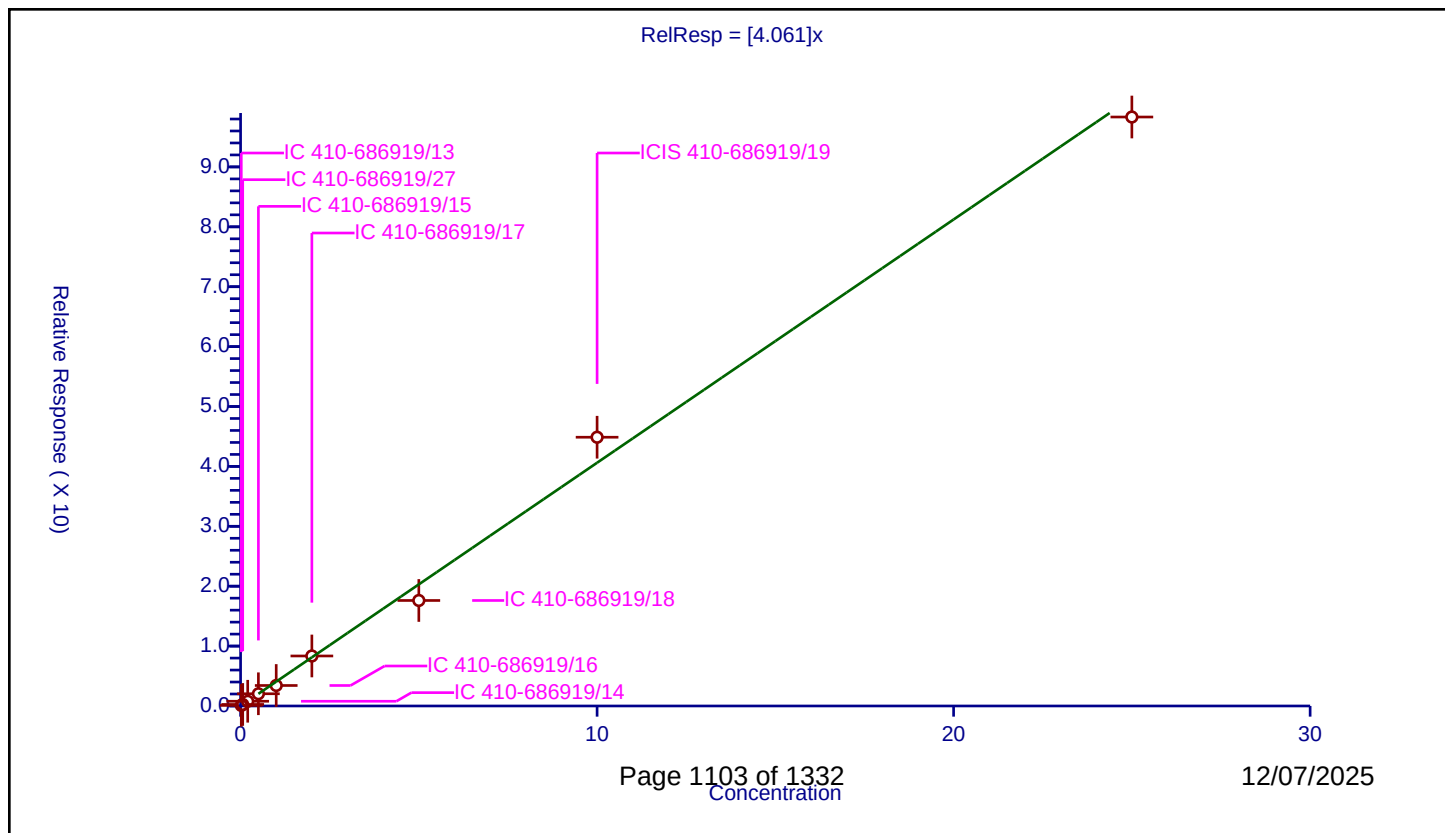
Curve Coefficients

Intercept: 0
Slope: 4.061

Error Coefficients

Relative Standard Deviation: 10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.094206	10.0	902916.0	4.710294	Y
2	IC 410-686919/27	0.06	0.256468	10.0	783722.0	4.274475	Y
3	IC 410-686919/14	0.2	0.789192	10.0	915189.0	3.945961	Y
4	IC 410-686919/15	0.5	2.039942	10.0	833499.0	4.079885	Y
5	IC 410-686919/16	1.0	3.421394	10.0	959492.0	3.421394	Y
6	IC 410-686919/17	2.0	8.348415	10.0	797985.0	4.174208	Y
7	IC 410-686919/18	5.0	17.613281	10.0	891919.0	3.522656	Y
8	ICIS 410-686919/19	10.0	44.870674	10.0	730903.0	4.487067	Y
9	IC 410-686919/20	25.0	98.33204	10.0	850812.0	3.933282	Y

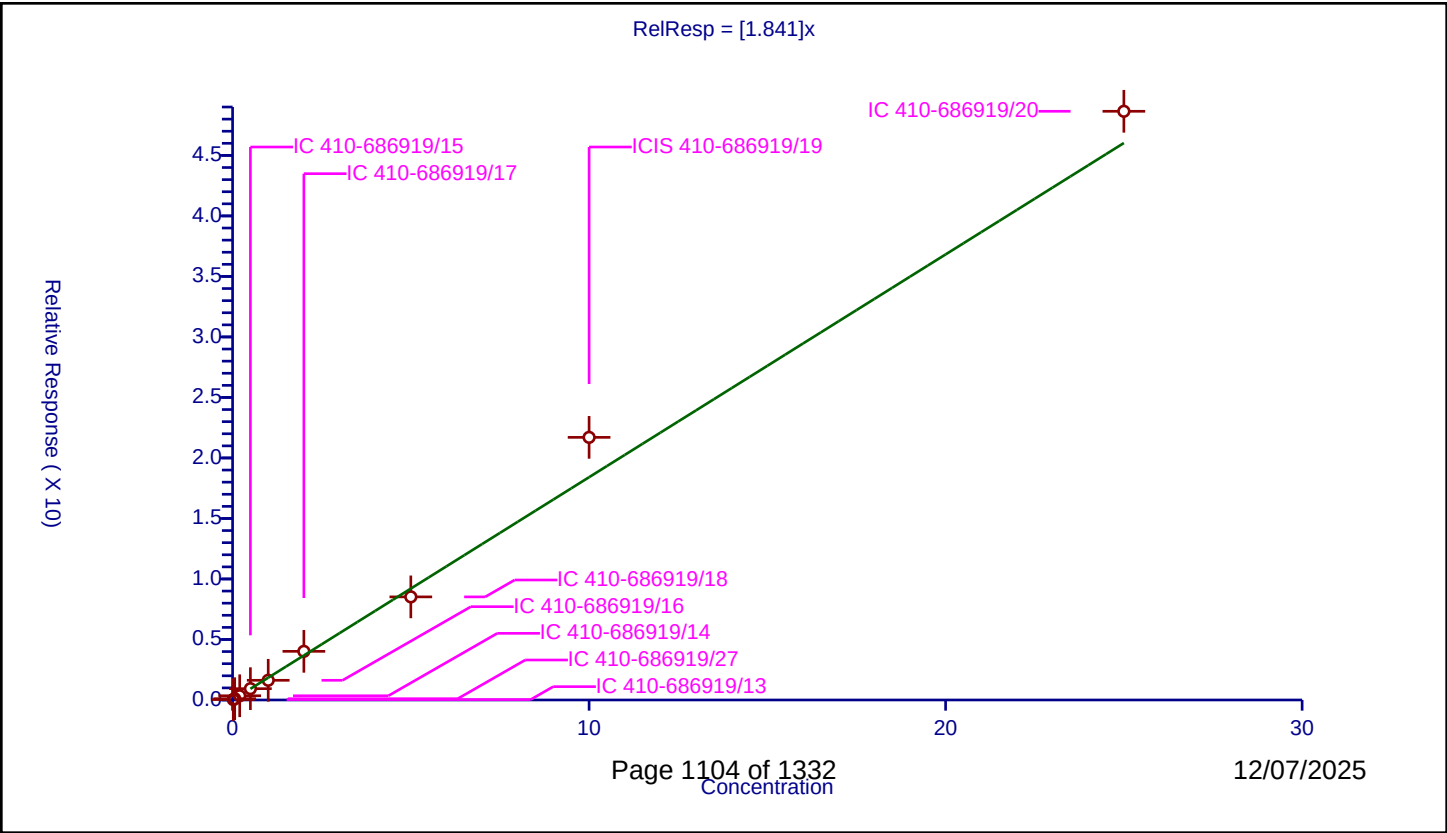


Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.841
Error Coefficients	

Relative Standard Deviation: 9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.034322	10.0	902916.0	1.716106	Y
2	IC 410-686919/27	0.06	0.106747	10.0	783722.0	1.779117	Y
3	IC 410-686919/14	0.2	0.348682	10.0	915189.0	1.74341	Y
4	IC 410-686919/15	0.5	0.935814	10.0	833499.0	1.871628	Y
5	IC 410-686919/16	1.0	1.627486	10.0	959492.0	1.627486	Y
6	IC 410-686919/17	2.0	4.021467	10.0	797985.0	2.010733	Y
7	IC 410-686919/18	5.0	8.520527	10.0	891919.0	1.704105	Y
8	ICIS 410-686919/19	10.0	21.701717	10.0	730903.0	2.170172	Y
9	IC 410-686919/20	25.0	48.647692	10.0	850812.0	1.945908	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

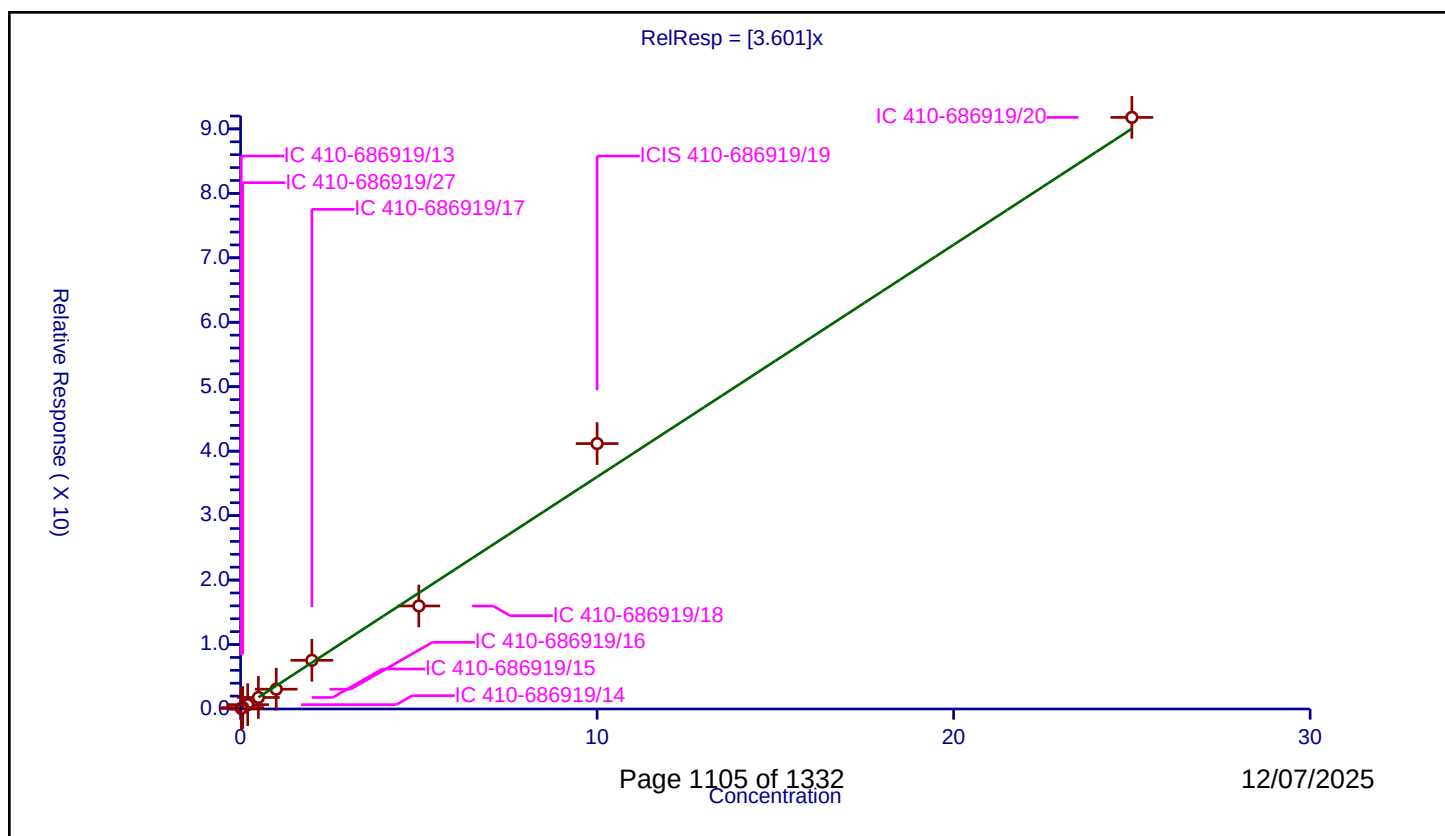
Curve Coefficients

Intercept: 0
Slope: 3.601

Error Coefficients

Relative Standard Deviation: 9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.076818	10.0	902916.0	3.840889	Y
2	IC 410-686919/27	0.06	0.227019	10.0	783722.0	3.783655	Y
3	IC 410-686919/14	0.2	0.674986	10.0	915189.0	3.374931	Y
4	IC 410-686919/15	0.5	1.788256	10.0	833499.0	3.576513	Y
5	IC 410-686919/16	1.0	3.070031	10.0	959492.0	3.070031	Y
6	IC 410-686919/17	2.0	7.552172	10.0	797985.0	3.776086	Y
7	IC 410-686919/18	5.0	15.986059	10.0	891919.0	3.197212	Y
8	ICIS 410-686919/19	10.0	41.178734	10.0	730903.0	4.117873	Y
9	IC 410-686919/20	25.0	91.785259	10.0	850812.0	3.67141	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

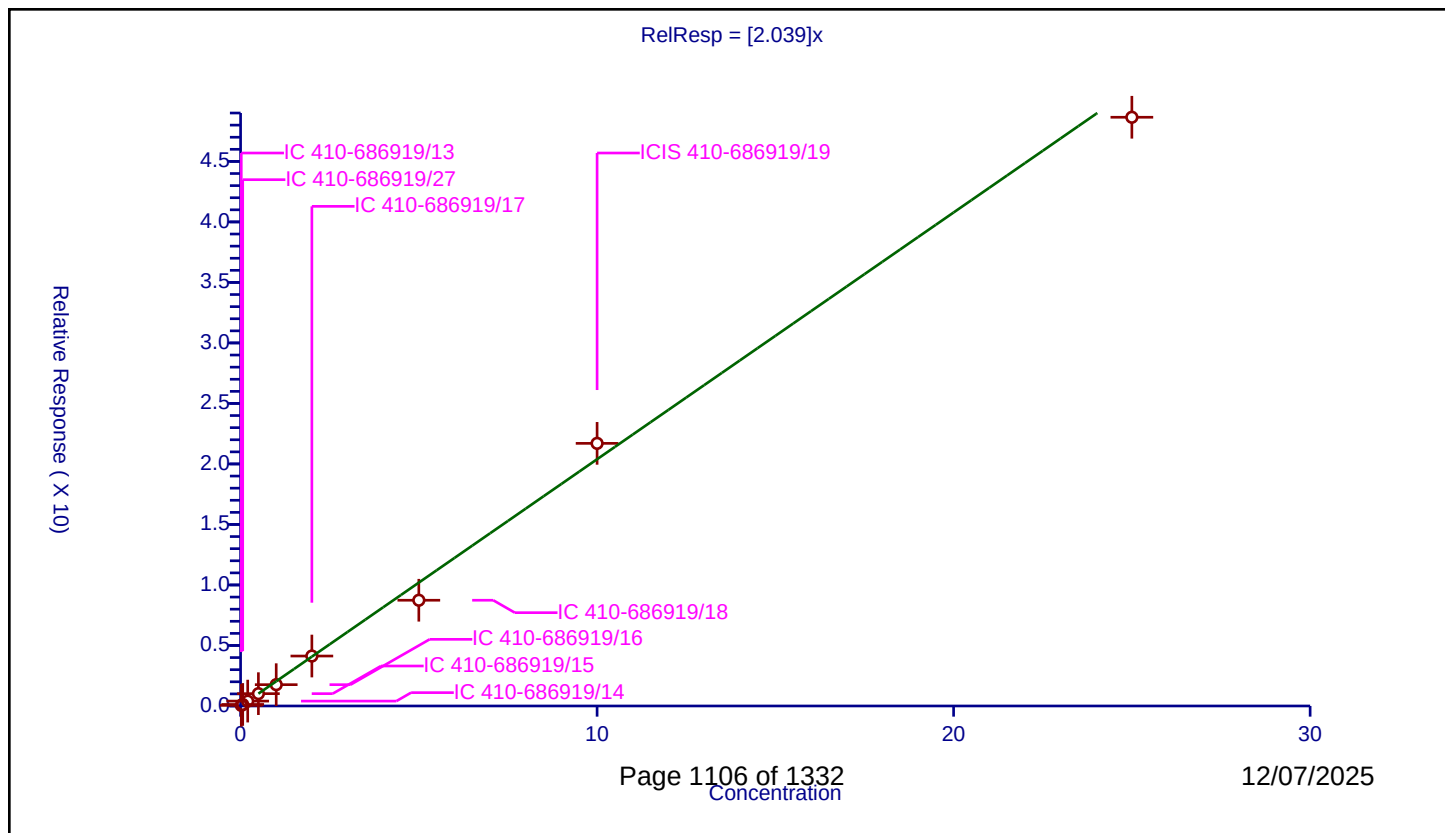
Curve Coefficients

Intercept: 0
Slope: 2.039

Error Coefficients

Relative Standard Deviation: 10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.049827	10.0	902916.0	2.491372	Y
2	IC 410-686919/27	0.06	0.126575	10.0	783722.0	2.109592	Y
3	IC 410-686919/14	0.2	0.404922	10.0	915189.0	2.024609	Y
4	IC 410-686919/15	0.5	1.01813	10.0	833499.0	2.036259	Y
5	IC 410-686919/16	1.0	1.760796	10.0	959492.0	1.760796	Y
6	IC 410-686919/17	2.0	4.129263	10.0	797985.0	2.064632	Y
7	IC 410-686919/18	5.0	8.738742	10.0	891919.0	1.747748	Y
8	ICIS 410-686919/19	10.0	21.702839	10.0	730903.0	2.170284	Y
9	IC 410-686919/20	25.0	48.649396	10.0	850812.0	1.945976	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

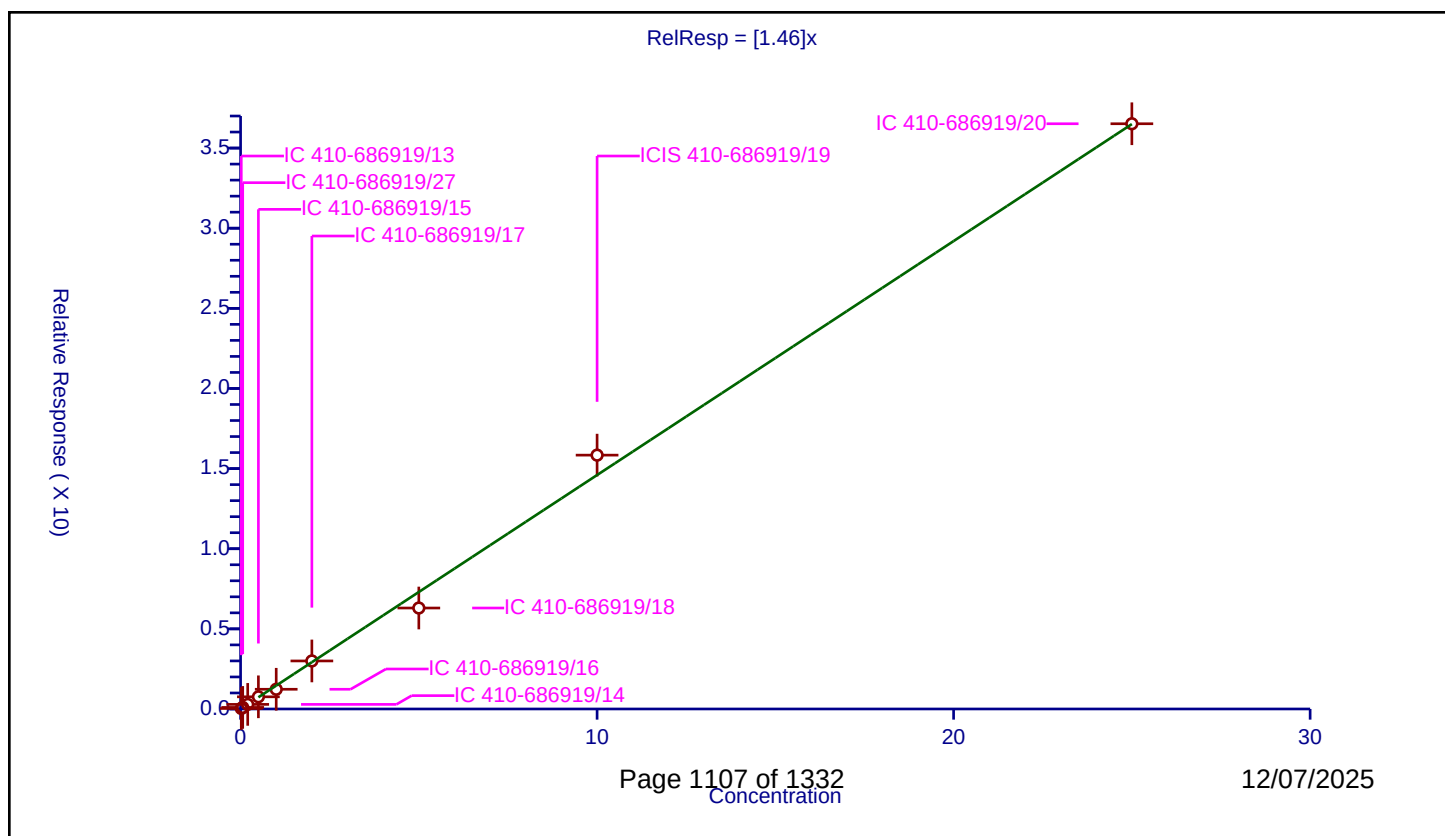
Curve Coefficients

Intercept: 0
Slope: 1.46

Error Coefficients

Relative Standard Deviation: 9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.03039	10.0	902916.0	1.519521	Y
2	IC 410-686919/27	0.06	0.098045	10.0	783722.0	1.634083	Y
3	IC 410-686919/14	0.2	0.286739	10.0	915189.0	1.433693	Y
4	IC 410-686919/15	0.5	0.759053	10.0	833499.0	1.518106	Y
5	IC 410-686919/16	1.0	1.229849	10.0	959492.0	1.229849	Y
6	IC 410-686919/17	2.0	2.996823	10.0	797985.0	1.498412	Y
7	IC 410-686919/18	5.0	6.300684	10.0	891919.0	1.260137	Y
8	ICIS 410-686919/19	10.0	15.839037	10.0	730903.0	1.583904	Y
9	IC 410-686919/20	25.0	36.51681	10.0	850812.0	1.460672	Y



Calibration

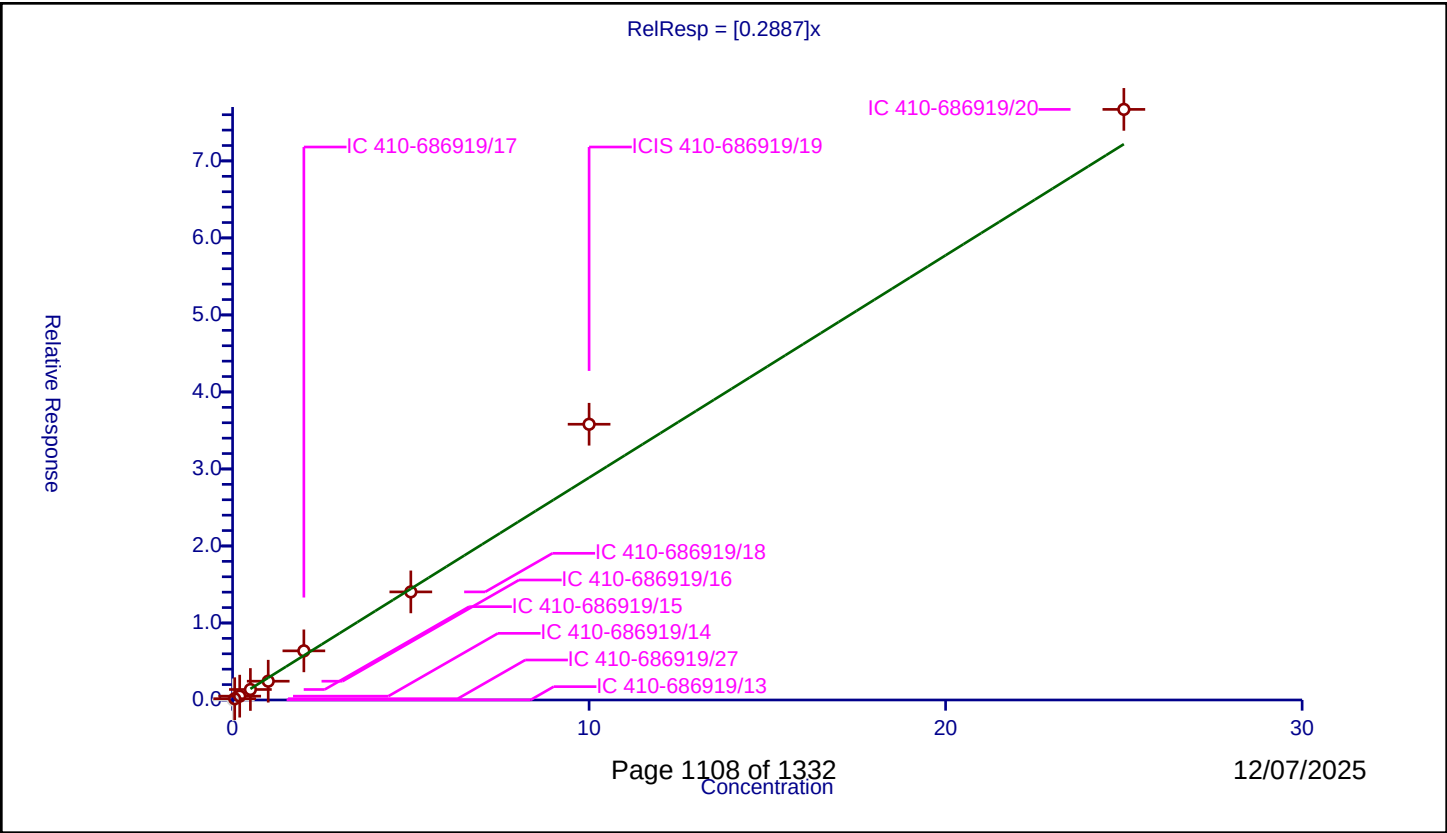
/ Benzyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2887
Error Coefficients	

Relative Standard Deviation: 13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.001584	10.0	902916.0	0.079188	N
2	IC 410-686919/27	0.06	0.01683	10.0	783722.0	0.280499	Y
3	IC 410-686919/14	0.2	0.049717	10.0	915189.0	0.248583	Y
4	IC 410-686919/15	0.5	0.136089	10.0	833499.0	0.272178	Y
5	IC 410-686919/16	1.0	0.243952	10.0	959492.0	0.243952	Y
6	IC 410-686919/17	2.0	0.637957	10.0	797985.0	0.318978	Y
7	IC 410-686919/18	5.0	1.403558	10.0	891919.0	0.280712	Y
8	ICIS 410-686919/19	10.0	3.580557	10.0	730903.0	0.358056	Y
9	IC 410-686919/20	25.0	7.66905	10.0	850812.0	0.306762	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

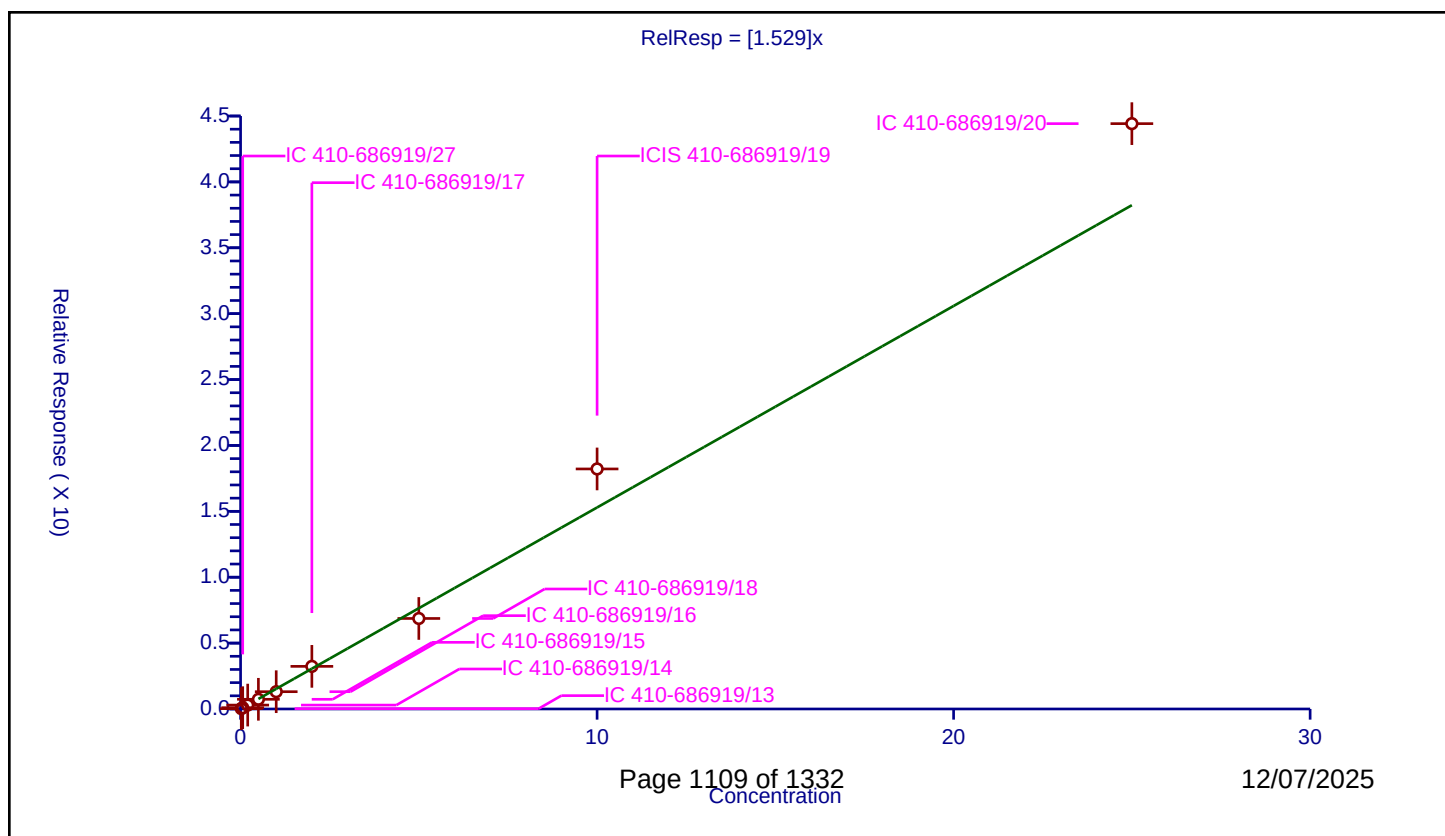
Curve Coefficients

Intercept: 0
Slope: 1.529

Error Coefficients

Relative Standard Deviation: 12.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.025562	10.0	902916.0	1.278081	Y
2	IC 410-686919/27	0.06	0.097688	10.0	783722.0	1.628128	Y
3	IC 410-686919/14	0.2	0.296868	10.0	915189.0	1.484338	Y
4	IC 410-686919/15	0.5	0.735922	10.0	833499.0	1.471843	Y
5	IC 410-686919/16	1.0	1.311434	10.0	959492.0	1.311434	Y
6	IC 410-686919/17	2.0	3.234672	10.0	797985.0	1.617336	Y
7	IC 410-686919/18	5.0	6.868774	10.0	891919.0	1.373755	Y
8	ICIS 410-686919/19	10.0	18.216302	10.0	730903.0	1.82163	Y
9	IC 410-686919/20	25.0	44.421799	10.0	850812.0	1.776872	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

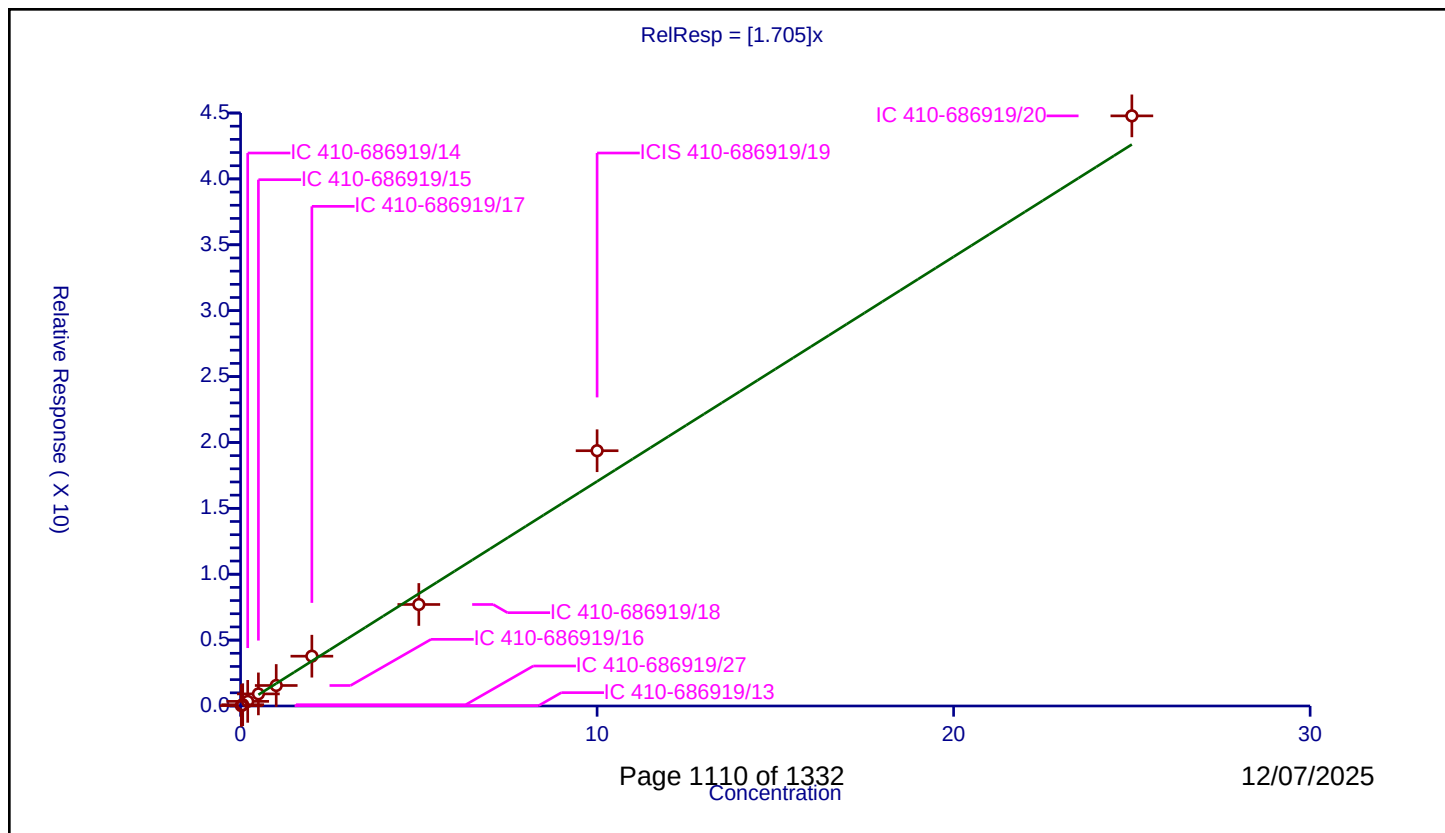
Curve Coefficients

Intercept: 0
 Slope: 1.705

Error Coefficients

Relative Standard Deviation: 10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.02822	10.0	902916.0	1.410984	Y
2	IC 410-686919/27	0.06	0.097637	10.0	783722.0	1.627278	Y
3	IC 410-686919/14	0.2	0.350758	10.0	915189.0	1.753791	Y
4	IC 410-686919/15	0.5	0.91711	10.0	833499.0	1.834219	Y
5	IC 410-686919/16	1.0	1.555604	10.0	959492.0	1.555604	Y
6	IC 410-686919/17	2.0	3.779658	10.0	797985.0	1.889829	Y
7	IC 410-686919/18	5.0	7.702381	10.0	891919.0	1.540476	Y
8	ICIS 410-686919/19	10.0	19.371709	10.0	730903.0	1.937171	Y
9	IC 410-686919/20	25.0	44.783524	10.0	850812.0	1.791341	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

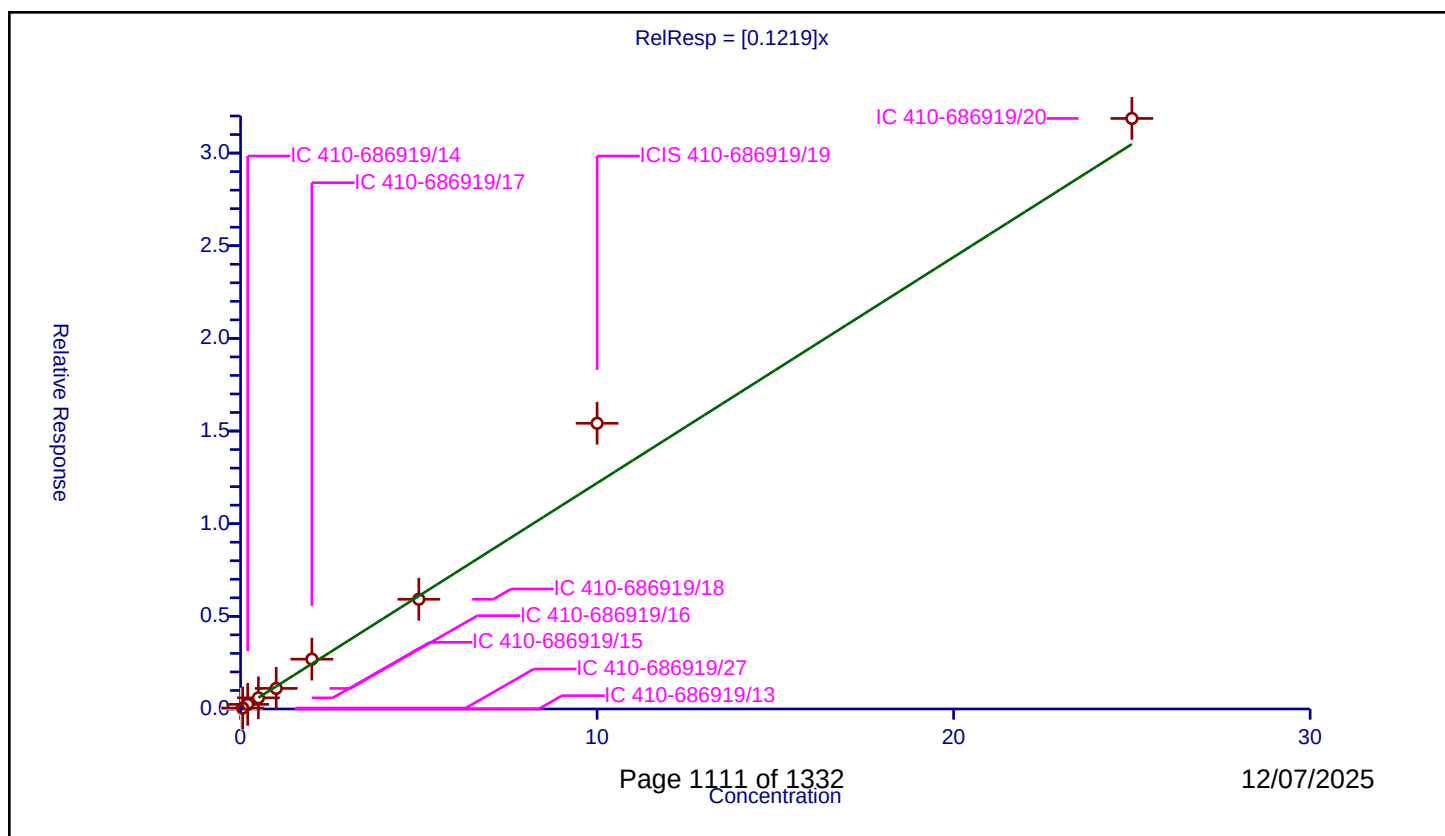
Curve Coefficients

Intercept: 0
Slope: 0.1219

Error Coefficients

Relative Standard Deviation: 16.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.0	10.0	902916.0	0.0	N
2	IC 410-686919/27	0.06	0.005078	10.0	783722.0	0.084639	Y
3	IC 410-686919/14	0.2	0.024935	10.0	915189.0	0.124674	Y
4	IC 410-686919/15	0.5	0.060204	10.0	833499.0	0.120408	Y
5	IC 410-686919/16	1.0	0.111205	10.0	959492.0	0.111205	Y
6	IC 410-686919/17	2.0	0.268865	10.0	797985.0	0.134432	Y
7	IC 410-686919/18	5.0	0.592094	10.0	891919.0	0.118419	Y
8	ICIS 410-686919/19	10.0	1.541942	10.0	730903.0	0.154194	Y
9	IC 410-686919/20	25.0	3.186956	10.0	850812.0	0.127478	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

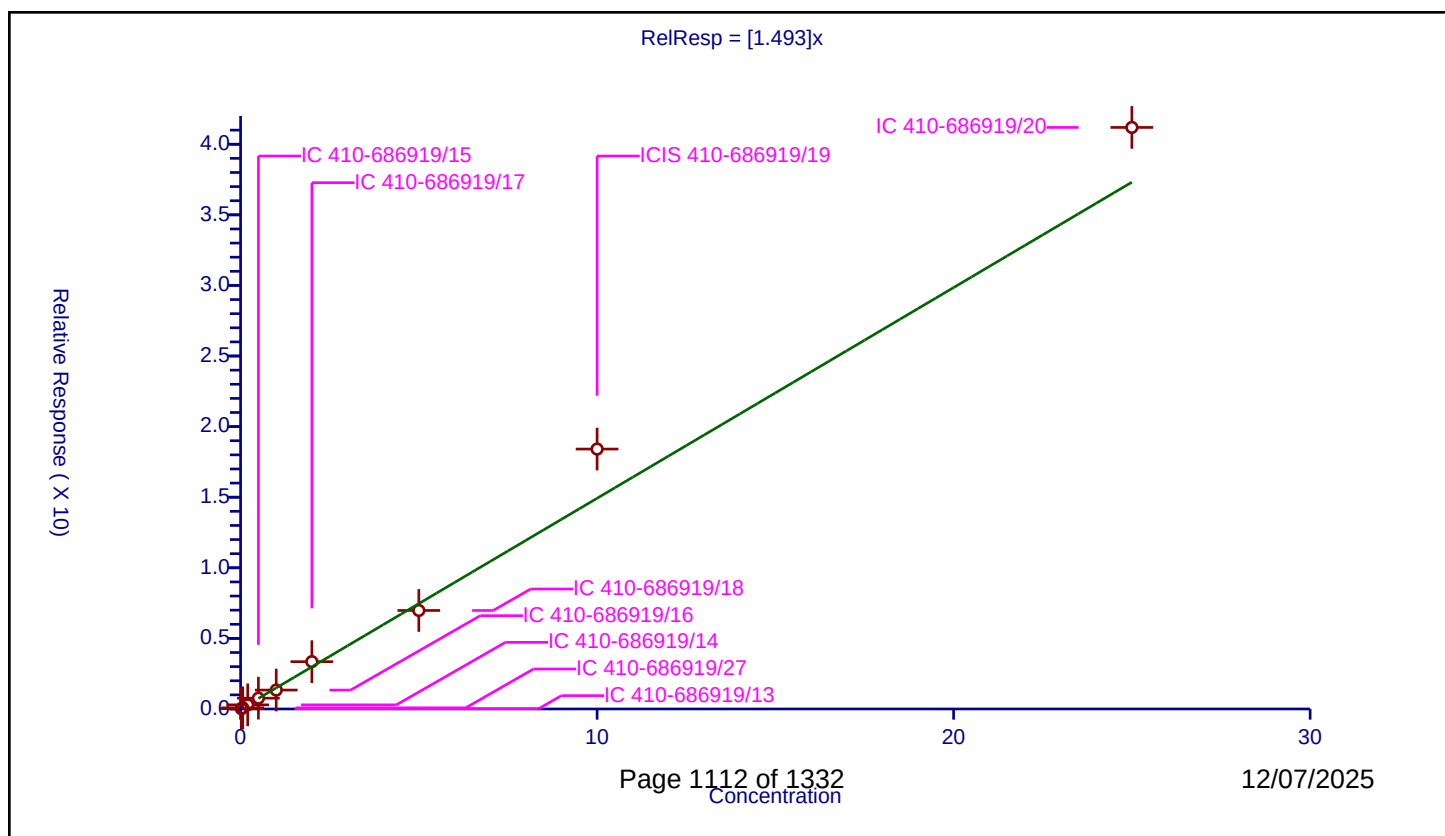
Curve Coefficients

Intercept: 0
Slope: 1.493

Error Coefficients

Relative Standard Deviation: 13.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.023225	10.0	902916.0	1.161238	Y
2	IC 410-686919/27	0.06	0.082006	10.0	783722.0	1.366769	Y
3	IC 410-686919/14	0.2	0.294551	10.0	915189.0	1.472756	Y
4	IC 410-686919/15	0.5	0.765352	10.0	833499.0	1.530704	Y
5	IC 410-686919/16	1.0	1.34072	10.0	959492.0	1.34072	Y
6	IC 410-686919/17	2.0	3.352018	10.0	797985.0	1.676009	Y
7	IC 410-686919/18	5.0	6.97782	10.0	891919.0	1.395564	Y
8	ICIS 410-686919/19	10.0	18.41102	10.0	730903.0	1.841102	Y
9	IC 410-686919/20	25.0	41.191532	10.0	850812.0	1.647661	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

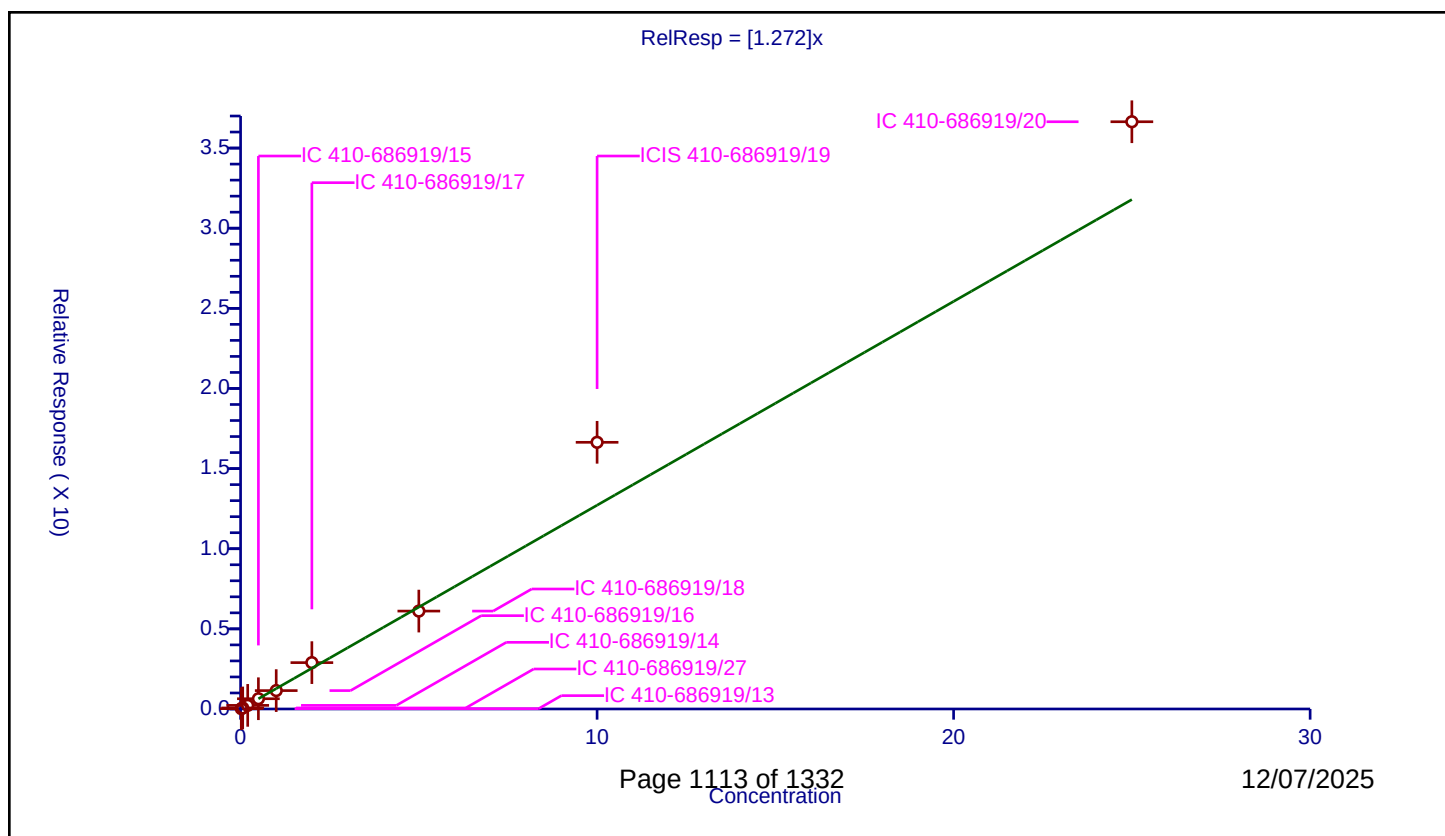
Curve Coefficients

Intercept: 0
Slope: 1.272

Error Coefficients

Relative Standard Deviation: 16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.020179	10.0	902916.0	1.008953	Y
2	IC 410-686919/27	0.06	0.06487	10.0	783722.0	1.081166	Y
3	IC 410-686919/14	0.2	0.225604	10.0	915189.0	1.128018	Y
4	IC 410-686919/15	0.5	0.640121	10.0	833499.0	1.280241	Y
5	IC 410-686919/16	1.0	1.147263	10.0	959492.0	1.147263	Y
6	IC 410-686919/17	2.0	2.893037	10.0	797985.0	1.446518	Y
7	IC 410-686919/18	5.0	6.108593	10.0	891919.0	1.221719	Y
8	ICIS 410-686919/19	10.0	16.640348	10.0	730903.0	1.664035	Y
9	IC 410-686919/20	25.0	36.64142	10.0	850812.0	1.465657	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

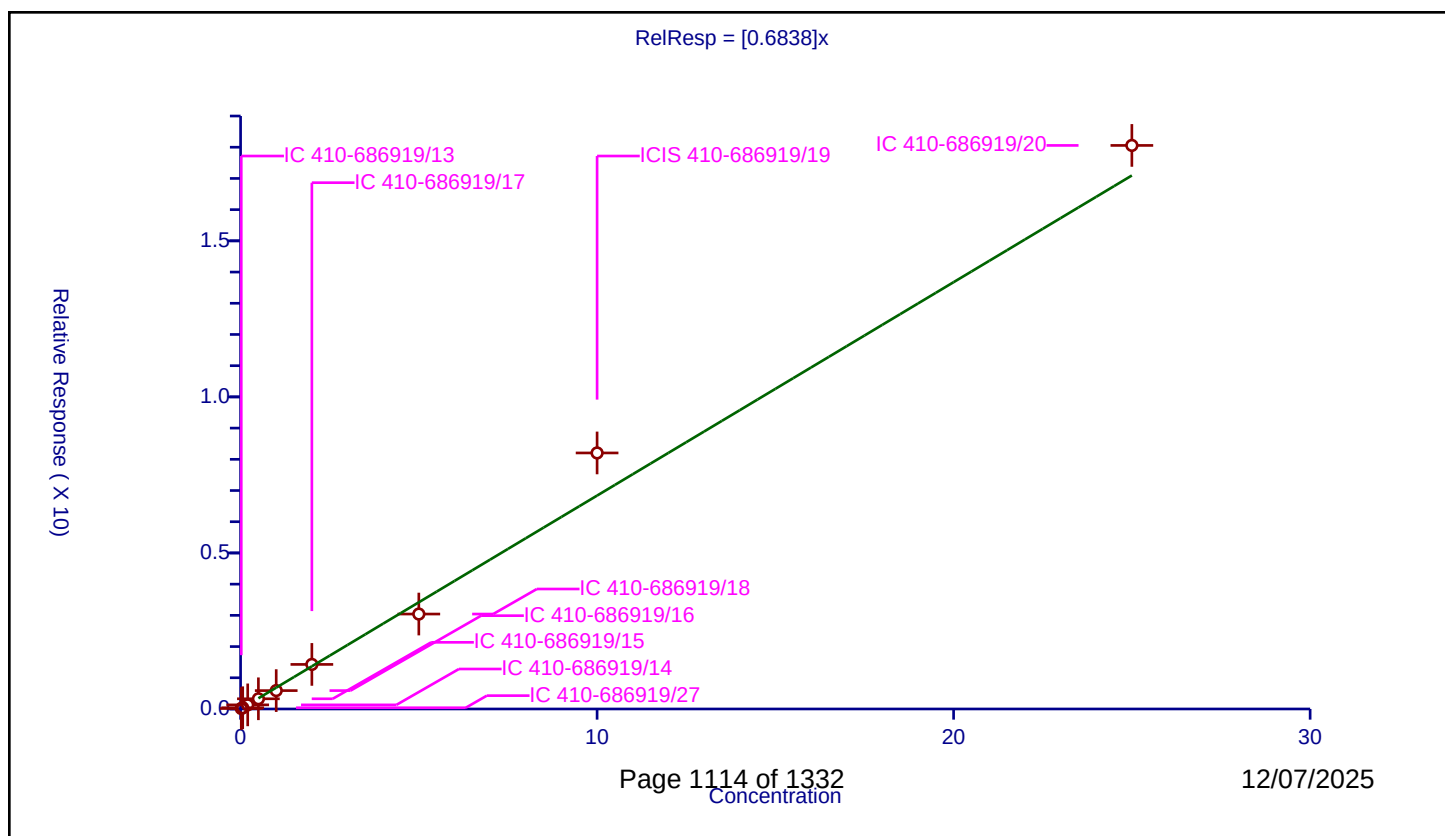
Curve Coefficients

Intercept: 0
Slope: 0.6838

Error Coefficients

Relative Standard Deviation: 10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.014531	10.0	902916.0	0.726535	Y
2	IC 410-686919/27	0.06	0.039504	10.0	783722.0	0.658397	Y
3	IC 410-686919/14	0.2	0.132202	10.0	915189.0	0.661011	Y
4	IC 410-686919/15	0.5	0.326671	10.0	833499.0	0.653342	Y
5	IC 410-686919/16	1.0	0.589531	10.0	959492.0	0.589531	Y
6	IC 410-686919/17	2.0	1.428298	10.0	797985.0	0.714149	Y
7	IC 410-686919/18	5.0	3.04244	10.0	891919.0	0.608488	Y
8	ICIS 410-686919/19	10.0	8.204153	10.0	730903.0	0.820415	Y
9	IC 410-686919/20	25.0	18.05782	10.0	850812.0	0.722313	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

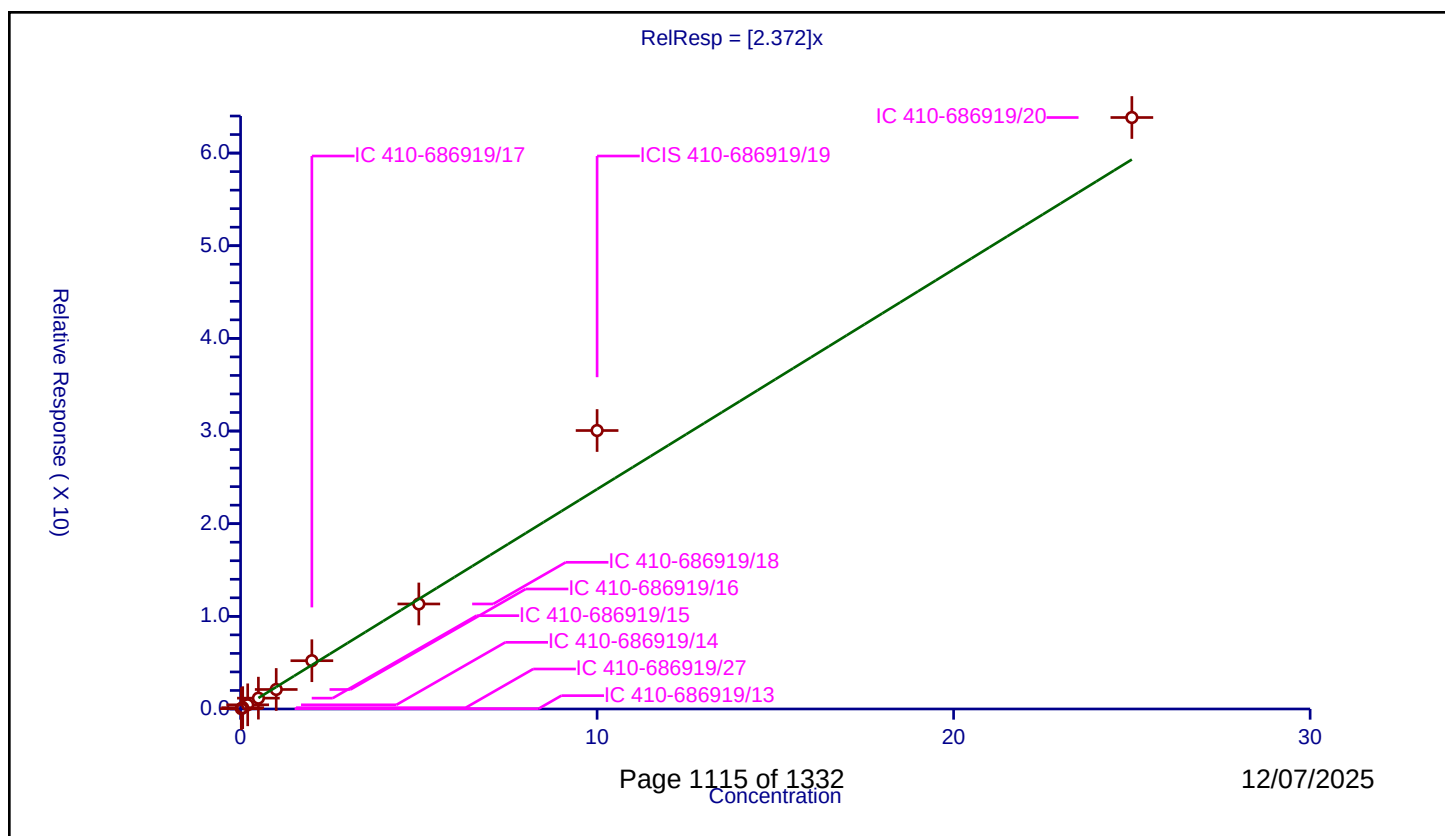
Curve Coefficients

Intercept: 0
Slope: 2.372

Error Coefficients

Relative Standard Deviation: 13.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.037013	10.0	902916.0	1.85067	Y
2	IC 410-686919/27	0.06	0.142027	10.0	783722.0	2.367123	Y
3	IC 410-686919/14	0.2	0.450956	10.0	915189.0	2.25478	Y
4	IC 410-686919/15	0.5	1.170019	10.0	833499.0	2.340039	Y
5	IC 410-686919/16	1.0	2.106135	10.0	959492.0	2.106135	Y
6	IC 410-686919/17	2.0	5.209496	10.0	797985.0	2.604748	Y
7	IC 410-686919/18	5.0	11.336153	10.0	891919.0	2.267231	Y
8	ICIS 410-686919/19	10.0	30.05407	10.0	730903.0	3.005407	Y
9	IC 410-686919/20	25.0	63.838298	10.0	850812.0	2.553532	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

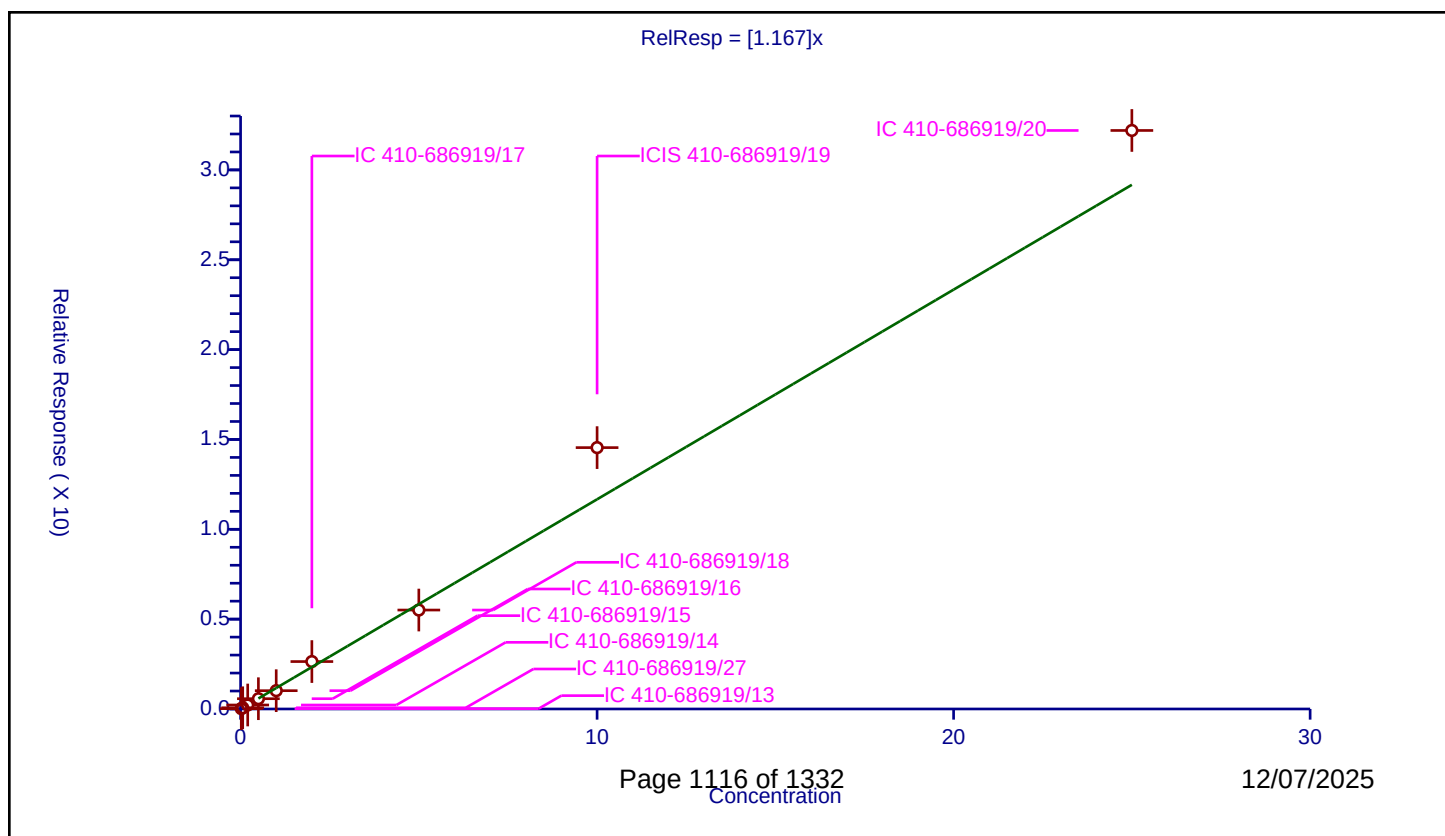
Curve Coefficients

Intercept: 0
 Slope: 1.167

Error Coefficients

Relative Standard Deviation: 13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-686919/13	0.02	0.01885	10.0	902916.0	0.942502	Y
2	IC 410-686919/27	0.06	0.067486	10.0	783722.0	1.124761	Y
3	IC 410-686919/14	0.2	0.221648	10.0	915189.0	1.108241	Y
4	IC 410-686919/15	0.5	0.57213	10.0	833499.0	1.144261	Y
5	IC 410-686919/16	1.0	1.018633	10.0	959492.0	1.018633	Y
6	IC 410-686919/17	2.0	2.639423	10.0	797985.0	1.319712	Y
7	IC 410-686919/18	5.0	5.50707	10.0	891919.0	1.101414	Y
8	ICIS 410-686919/19	10.0	14.545405	10.0	730903.0	1.45454	Y
9	IC 410-686919/20	25.0	32.195185	10.0	850812.0	1.287807	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.: _____

Lab Sample ID: ICV 410-734923/23

Calibration Date: 11/25/2025 05:05

Instrument ID: 16334

Calib Start Date: 11/25/2025 01:24

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

Calib End Date: 11/25/2025 04:21

Lab File ID: GN24X22.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	0.3311	0.3086	0.1000	4.66	5.00	-7.0	30.0
Chloromethane	Ave	0.3227	0.2966	0.1000	4.60	5.00	-8.0	30.0
1,3-Butadiene	Ave	0.2559	0.2579		5.04	5.00	1.0	30.0
Vinyl chloride	Ave	0.3141	0.3070	0.1000	4.89	5.00	-2.0	30.0
Bromomethane	Ave	0.2425	0.2429	0.1000	5.01	5.00	0.0	30.0
Chloroethane	Ave	0.1734	0.1766	0.1000	5.09	5.00	2.0	30.0
Dichlorofluoromethane	Ave	0.4553	0.4593		5.04	5.00	1.0	30.0
Trichlorofluoromethane	Ave	0.4287	0.3498	0.1000	4.08	5.00	-18.0	30.0
Pentane	None					5.00		30.0
Ethyl ether	Ave	0.1115	0.1227		5.49	4.99	10.0	30.0
Freon 123a	Ave	0.2355	0.2592		5.50	5.00	10.0	30.0
Acrolein	Ave	2.181	2.660		44.6	36.6	22.0	30.0
1,1-Dichloroethene	Ave	0.1803	0.2181	0.1000	6.05	5.00	21.0	30.0
Freon 113	Ave	0.1858	0.2175	0.1000	5.85	5.00	17.0	30.0
Acetone	Ave	2.894	2.862	0.1000	61.8	62.5	-1.0	30.0
Methyl iodide	Ave	0.3848	0.4058		5.27	5.00	5.0	30.0
Ethyl bromide	Ave	0.1890	0.1937		5.23	5.10	2.0	30.0
Carbon disulfide	Ave	0.5855	0.6414	0.1000	5.48	5.00	10.0	30.0
Methyl acetate	Ave	8.199	7.689	0.1000	4.69	5.00	-6.0	30.0
Allyl chloride	Ave	0.2728	0.2818		5.17	5.00	3.0	30.0
Methylene Chloride	Ave	0.2004	0.2162	0.1000	5.39	5.00	8.0	30.0
t-Butyl alcohol	Ave	0.8609	0.995		57.8	50.0	16.0	30.0
Acrylonitrile	Ave	3.737	4.382		29.3	25.0	17.0	30.0
Methyl tert-butyl ether	Ave	0.4059	0.4219	0.1000	5.20	5.00	4.0	30.0
trans-1,2-Dichloroethene	Ave	0.2234	0.2439	0.1000	5.46	5.00	9.0	30.0
n-Hexane	Ave	0.2446	0.2777		5.68	5.00	14.0	30.0
1,1-Dichloroethane	Ave	0.3509	0.3875	0.2000	5.52	5.00	10.0	30.0
di-Isopropyl ether	Ave	0.5602	0.5894		5.26	5.00	5.0	30.0
2-Chloro-1,3-butadiene	Ave	0.2905	0.3123		5.38	5.00	8.0	30.0
Ethyl t-butyl ether	Ave	0.5255	0.5486		5.22	5.00	4.0	30.0
2-Butanone (MEK)	Ave	4.575	5.189	0.1000	70.9	62.5	13.0	30.0
cis-1,2-Dichloroethene	Ave	0.2322	0.2646	0.1000	5.70	5.00	14.0	30.0
2,2-Dichloropropane	Ave	0.3031	0.3305		5.45	5.00	9.0	30.0
Propionitrile	Ave	1.371	1.563		42.8	37.5	14.0	30.0
Methacrylonitrile	Ave	5.508	6.329		43.1	37.5	15.0	30.0
Bromochloromethane	Ave	0.1008	0.1092		5.42	5.00	8.0	30.0
Tetrahydrofuran	Ave	1.449	1.642		28.3	25.0	13.0	30.0
Chloroform	Ave	0.3826	0.4128	0.2000	5.39	5.00	8.0	30.0
1,1,1-Trichloroethane	Ave	0.3378	0.3746	0.1000	5.55	5.00	11.0	30.0
Cyclohexane	Ave	0.3086	0.3477	0.1000	5.63	5.00	13.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.: _____

Lab Sample ID: ICV 410-734923/23

Calibration Date: 11/25/2025 05:05

Instrument ID: 16334

Calib Start Date: 11/25/2025 01:24

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

Calib End Date: 11/25/2025 04:21

Lab File ID: GN24X22.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	0.2843	0.3103		5.46	5.00	9.0	30.0
Carbon tetrachloride	Ave	0.2980	0.3364	0.1000	5.64	5.00	13.0	30.0
Isobutyl alcohol	Ave	0.0022	0.0021		121	125	-3.0	30.0
Benzene	Ave	0.8690	0.9205	0.5000	5.30	5.00	6.0	30.0
1,2-Dichloroethane	Ave	0.1954	0.2071	0.1000	5.30	5.00	6.0	30.0
t-Amyl methyl ether	Ave	0.4472	0.4828		5.40	5.00	8.0	30.0
n-Heptane	Ave	0.2405	0.2720		5.66	5.00	13.0	30.0
n-Butanol	Ave	0.2683	0.2834		264	250	6.0	30.0
Trichloroethene	Ave	0.2315	0.2626	0.2000	5.67	5.00	13.0	30.0
Methylcyclohexane	Ave	0.3652	0.4066	0.1000	5.57	5.00	11.0	30.0
1,2-Dichloropropane	Ave	0.2004	0.2127	0.1000	5.31	5.00	6.0	30.0
Methyl methacrylate	Ave	10.42	11.88		5.70	5.00	14.0	30.0
1,4-Dioxane	Ave	0.0751	0.0723	0.0050	120	125	-4.0	30.0
Dibromomethane	Ave	0.0936	0.1003		5.36	5.00	7.0	30.0
Bromodichloromethane	Ave	0.2560	0.2737	0.2000	5.35	5.00	7.0	30.0
2-Nitropropane	Ave	2.619	2.967		5.66	5.00	13.0	30.0
1-Bromo-2-chloroethane	Ave	0.1707	0.1837		5.38	5.00	8.0	30.0
cis-1,3-Dichloropropene	Ave	0.2980	0.3106	0.2000	5.21	5.00	4.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	11.33	13.34	0.1000	73.6	62.5	18.0	30.0
Toluene	Ave	0.7688	0.8125	0.4000	5.28	5.00	6.0	30.0
trans-1,3-Dichloropropene	Ave	0.3059	0.3382	0.1000	5.53	5.00	11.0	30.0
Ethyl methacrylate	Ave	0.2164	0.2384		5.51	5.00	10.0	30.0
1,1,2-Trichloroethane	Ave	0.1800	0.1942	0.1000	5.40	5.00	8.0	30.0
Tetrachloroethene	Ave	0.3809	0.4098	0.2000	5.38	5.00	8.0	30.0
1,3-Dichloropropane	Ave	0.2930	0.3162		5.40	5.00	8.0	30.0
2-Hexanone	Ave	7.788	9.105	0.1000	73.1	62.5	17.0	30.0
Dibromochloromethane	Ave	0.2371	0.2532		5.34	5.00	7.0	30.0
1,2-Dibromoethane (EDB)	Ave	0.1724	0.1861	0.1000	5.40	5.00	8.0	30.0
1-Chlorohexane	Ave	0.4282	0.4611		5.38	5.00	8.0	30.0
Chlorobenzene	Ave	0.8756	0.9487	0.5000	5.42	5.00	8.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.2948	0.3291		5.58	5.00	12.0	30.0
Ethylbenzene	Ave	1.481	1.618	0.1000	5.46	5.00	9.0	30.0
m&p-Xylene	Ave	0.5897	0.6439	0.1000	10.9	10.0	9.0	30.0
o-Xylene	Ave	0.5827	0.6349	0.3000	5.45	5.00	9.0	30.0
Styrene	Ave	0.9439	1.045	0.3000	5.54	5.00	11.0	30.0
Bromoform	Ave	0.1306	0.1448	0.1000	5.54	5.00	11.0	30.0
Isopropylbenzene	Ave	1.514	1.685	0.1000	5.56	5.00	11.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.3536	0.3788	0.3000	5.36	5.00	7.0	30.0
Bromobenzene	Ave	0.6858	0.7525		5.49	5.00	10.0	30.0
trans-1,4-Dichloro-2-butene	Ave	4.763	5.530		29.0	25.0	16.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab Sample ID: ICV 410-734923/23

Calibration Date: 11/25/2025 05:05

Instrument ID: 16334

Calib Start Date: 11/25/2025 01:24

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

Calib End Date: 11/25/2025 04:21

Lab File ID: GN24X22.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	0.1037	0.1103		5.32	5.00	6.0	30.0
N-Propylbenzene	Ave	3.216	3.574		5.56	5.00	11.0	30.0
2-Chlorotoluene	Ave	0.6921	0.7646		5.52	5.00	10.0	30.0
1,3,5-Trimethylbenzene	Ave	2.372	2.632		5.55	5.00	11.0	30.0
4-Chlorotoluene	Ave	0.7218	0.7769		5.38	5.00	8.0	30.0
tert-Butylbenzene	Ave	0.5373	0.5963		5.55	5.00	11.0	30.0
Pentachloroethane	Ave	0.3930	0.4328		5.51	5.00	10.0	30.0
1,2,4-Trimethylbenzene	Ave	2.479	2.670		5.38	5.00	8.0	30.0
sec-Butylbenzene	Ave	3.028	3.391		5.60	5.00	12.0	30.0
1,3-Dichlorobenzene	Ave	1.426	1.549	0.6000	5.43	5.00	9.0	30.0
p-Isopropyltoluene	Ave	2.709	2.973		5.49	5.00	10.0	30.0
1,4-Dichlorobenzene	Ave	1.396	1.512	0.5000	5.41	5.00	8.0	30.0
1,2,3-Trimethylbenzene	Ave	1.056	1.159		5.49	5.00	10.0	30.0
Benzyl chloride	Ave	0.1440	0.1615		5.61	5.00	12.0	30.0
n-Butylbenzene	Ave	1.304	1.459		5.60	5.00	12.0	30.0
1,2-Dichlorobenzene	Ave	1.213	1.337	0.4000	5.51	5.00	10.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	3.092	3.564	0.0500	5.76	5.00	15.0	30.0
1,3,5-Trichlorobenzene	Ave	1.177	1.319		5.60	5.00	12.0	30.0
1,2,4-Trichlorobenzene	Ave	0.9669	1.090	0.2000	5.64	5.00	13.0	30.0
Hexachlorobutadiene	Ave	0.5286	0.6046		5.72	5.00	14.0	30.0
Naphthalene	Ave	1.272	1.413		5.56	5.00	11.0	30.0
1,2,3-Trichlorobenzene	Ave	0.7357	0.8151		5.54	5.00	11.0	30.0
2-Methylnaphthalene	Ave	0.6142	0.7698		6.27	5.00	25.0	30.0
Dibromofluoromethane (Surr)	Ave	0.2418	0.2411		9.97	10.0	0.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0451	0.0448		9.93	10.0	-1.0	30.0
Toluene-d8 (Surr)	Ave	1.287	1.276		9.92	10.0	-1.0	30.0
4-Bromofluorobenzene (Surr)	Ave	0.4629	0.4595		9.93	10.0	-1.0	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X22.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 25-Nov-2025 05:05:30 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0167907-023
 Misc. Info.: ICV
 Operator ID: gaw91131 Instrument ID: 16334
 Sublist:
 Method: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 25-Nov-2025 15:45:46 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1704

First Level Reviewer: N7YK

Date: 25-Nov-2025 15:16:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.916	1.928	-0.012	99	303206	5.00	4.66	
5 Chloromethane	50	2.117	2.129	-0.012	99	291384	5.00	4.60	
7 Butadiene	39	2.233	2.245	-0.012	89	253363	5.00	5.04	
6 Vinyl chloride	62	2.239	2.251	-0.012	98	301579	5.00	4.89	
9 Bromomethane	94	2.550	2.568	-0.018	90	238672	5.00	5.01	
10 Chloroethane	64	2.642	2.648	-0.006	99	173463	5.00	5.09	
11 Dichlorofluoromethane	67	2.885	2.904	-0.019	97	451167	5.00	5.04	
12 Trichlorofluoromethane	101	2.965	2.983	-0.018	97	343690	5.00	4.08	
15 Ethyl ether	59	3.196	3.215	-0.019	88	120269	4.99	5.49	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	3.288	3.288	0.000	89	254611	5.00	5.50	
17 Acrolein	56	3.379	3.385	-0.006	99	126780	36.6	44.6	
18 1,1-Dichloroethene	96	3.507	3.519	-0.012	95	214281	5.00	6.05	
19 Acetone	43	3.550	3.562	-0.012	98	232976	62.5	61.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.544	3.562	-0.018	90	213679	5.00	5.85	
21 Iodomethane	142	3.702	3.714	-0.012	98	398701	5.00	5.27	
22 Isopropyl alcohol	45	3.708	3.733	-0.025	26	24220	37.5	38.3	
23 Ethyl bromide	108	3.733	3.751	-0.018	98	194202	5.10	5.23	
24 Carbon disulfide	76	3.800	3.812	-0.012	98	630131	5.00	5.48	
27 Methyl acetate	43	3.964	3.983	-0.019	96	50066	5.00	4.69	
28 3-Chloro-1-propene	41	3.989	3.995	-0.006	90	276885	5.00	5.17	
29 Methylene Chloride	84	4.178	4.184	-0.006	85	212349	5.00	5.39	
* 30 t-Butyl alcohol-d10 (IS)	65	4.202	4.208	-0.006	97	65110	50.0	50.0	
31 2-Methyl-2-propanol	59	4.330	4.336	-0.006	99	64810	50.0	57.8	
32 Acrylonitrile	53	4.525	4.544	-0.019	99	142669	25.0	29.3	
33 Methyl tert-butyl ether	73	4.580	4.605	-0.025	83	414444	5.00	5.20	
34 trans-1,2-Dichloroethene	96	4.592	4.605	-0.013	96	239603	5.00	5.46	
35 Hexane	57	5.025	5.037	-0.012	91	272791	5.00	5.68	
36 1,1-Dichloroethane	63	5.263	5.275	-0.012	95	380717	5.00	5.52	
38 Isopropyl ether	45	5.330	5.336	-0.006	93	579052	5.00	5.26	
39 2-Chloro-1,3-butadiene	53	5.379	5.391	-0.012	90	306805	5.00	5.38	

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	5.860	5.873	-0.013	97	538932	5.00	5.22	
42 2-Butanone (MEK)	43	6.074	6.086	-0.012	98	422306	62.5	70.9	
44 cis-1,2-Dichloroethene	96	6.104	6.116	-0.012	83	259966	5.00	5.70	
45 2,2-Dichloropropane	77	6.123	6.123	0.000	85	324661	5.00	5.45	
47 Propionitrile	54	6.171	6.177	-0.006	98	76348	37.5	42.8	
48 Methacrylonitrile	67	6.385	6.397	-0.012	90	309089	37.5	43.1	
49 Chlorobromomethane	128	6.433	6.440	-0.007	83	107252	5.00	5.42	
50 Tetrahydrofuran	71	6.440	6.464	-0.024	73	53464	25.0	28.3	
51 Chloroform	83	6.592	6.598	-0.006	92	405533	5.00	5.39	
\$ 52 Dibromofluoromethane (Surr)	113	6.805	6.811	-0.006	94	473710	10.0	9.97	
53 1,1,1-Trichloroethane	97	6.818	6.830	-0.012	97	368029	5.00	5.55	
54 Cyclohexane	56	6.909	6.915	-0.006	88	341572	5.00	5.63	
57 1,1-Dichloropropene	75	7.025	7.031	-0.006	97	304855	5.00	5.46	
56 Carbon tetrachloride	117	7.025	7.031	-0.006	96	330461	5.00	5.64	
58 Isobutyl alcohol	41	7.196	7.195	0.001	93	51649	125.0	120.9	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.256	7.263	-0.007	94	88053	10.0	9.93	
60 Benzene	78	7.293	7.299	-0.006	96	904273	5.00	5.30	
61 1,2-Dichloroethane	62	7.360	7.372	-0.012	98	203466	5.00	5.30	
63 Tert-amyl methyl ether	73	7.482	7.488	-0.006	99	474346	5.00	5.40	
* 64 Fluorobenzene (IS)	96	7.695	7.708	-0.013	99	1964728	10.0	10.0	
65 n-Heptane	43	7.708	7.708	0.000	89	267242	5.00	5.66	
67 n-Butanol	56	8.080	8.092	-0.013	86	92262	250.0	264.1	
68 Trichloroethene	95	8.177	8.183	-0.006	96	257953	5.00	5.67	
69 Methylcyclohexane	83	8.482	8.488	-0.006	88	399425	5.00	5.57	
70 1,2-Dichloropropane	63	8.512	8.512	0.000	97	208947	5.00	5.31	
71 2-ethoxy-2-methyl butane	87	8.525	8.531	-0.006	95	333619	5.00	5.31	
73 Methyl methacrylate	69	8.604	8.598	0.006	86	77355	5.00	5.70	
72 1,4-Dioxane	88	8.610	8.610	0.000	29	11776	125.0	120.5	M
74 Dibromomethane	93	8.616	8.622	-0.006	93	98575	5.00	5.36	
76 Dichlorobromomethane	83	8.860	8.860	0.000	99	268885	5.00	5.35	
78 2-Nitropropane	41	9.140	9.146	-0.006	99	19316	5.00	5.66	M
80 1-Bromo-2-chloroethane	63	9.250	9.250	0.000	98	180488	5.00	5.38	
81 cis-1,3-Dichloropropene	75	9.409	9.408	0.000	97	305092	5.00	5.21	
82 4-Methyl-2-pentanone (MIBK)	43	9.591	9.591	0.000	95	1086047	62.5	73.6	
\$ 83 Toluene-d8 (Surr)	98	9.713	9.719	-0.006	92	1905181	10.0	9.92	
84 Toluene	92	9.793	9.793	0.000	98	606364	5.00	5.28	
105 trans-1,3-Dichloropropene	75	10.049	10.055	-0.006	91	252382	5.00	5.53	
106 Ethyl methacrylate	69	10.116	10.116	0.000	87	177937	5.00	5.51	
107 1,1,2-Trichloroethane	97	10.256	10.256	0.000	89	144967	5.00	5.40	
108 Tetrachloroethene	166	10.341	10.341	0.000	97	305834	5.00	5.38	
109 1,3-Dichloropropane	76	10.421	10.420	0.000	87	235988	5.00	5.40	
110 2-Hexanone	43	10.475	10.475	0.000	94	741064	62.5	73.1	
112 Chlorodibromomethane	129	10.628	10.634	-0.006	89	188966	5.00	5.34	
113 Ethylene Dibromide	107	10.738	10.744	-0.006	98	138858	5.00	5.40	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.176	-0.006	84	1492617	10.0	10.0	
115 1-Chlorohexane	91	11.183	11.183	0.001	93	344099	5.00	5.38	
116 Chlorobenzene	112	11.201	11.201	0.000	97	708014	5.00	5.42	
118 1,1,1,2-Tetrachloroethane	131	11.280	11.280	0.000	96	245618	5.00	5.58	
119 Ethylbenzene	91	11.286	11.286	0.000	98	1207713	5.00	5.46	
120 m-Xylene & p-Xylene	106	11.402	11.396	0.006	100	961183	10.0	10.9	
121 o-Xylene	106	11.731	11.731	0.000	96	473873	5.00	5.45	
122 Styrene	104	11.743	11.743	0.000	95	780051	5.00	5.54	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
123 Bromoform	173	11.896	11.902	-0.006	98	108101	5.00	5.54	
124 Isopropylbenzene	105	12.030	12.030	0.000	95	1257543	5.00	5.56	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	95	685865	10.0	9.93	
128 1,1,2,2-Tetrachloroethane	83	12.274	12.274	0.000	94	152389	5.00	5.36	
129 Bromobenzene	156	12.286	12.286	0.000	93	302747	5.00	5.49	
130 trans-1,4-Dichloro-2-butene	53	12.298	12.298	0.000	92	180020	25.0	29.0	
131 1,2,3-Trichloropropane	110	12.323	12.316	0.007	83	44358	5.00	5.32	
132 N-Propylbenzene	91	12.359	12.353	0.006	98	1437872	5.00	5.56	
133 2-Chlorotoluene	126	12.432	12.432	0.000	97	307624	5.00	5.52	
134 1,3,5-Trimethylbenzene	105	12.493	12.493	0.000	94	1058977	5.00	5.55	
135 4-Chlorotoluene	126	12.524	12.524	0.000	97	312573	5.00	5.38	
136 tert-Butylbenzene	134	12.731	12.731	0.000	92	239890	5.00	5.55	
137 Pentachloroethane	167	12.768	12.768	0.000	93	174129	5.00	5.51	
138 1,2,4-Trimethylbenzene	105	12.774	12.774	0.000	96	1074165	5.00	5.38	
139 sec-Butylbenzene	105	12.896	12.896	0.000	94	1364434	5.00	5.60	
140 1,3-Dichlorobenzene	146	12.993	12.993	0.000	99	623215	5.00	5.43	
141 4-Isopropyltoluene	119	13.005	13.005	0.000	97	1196069	5.00	5.49	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	93	804597	10.0	10.0	
143 1,4-Dichlorobenzene	146	13.066	13.066	0.000	96	608230	5.00	5.41	
144 1,2,3-Trimethylbenzene	120	13.079	13.078	0.001	98	466358	5.00	5.49	
145 Benzyl chloride	126	13.146	13.146	0.000	98	64981	5.00	5.61	
146 p-Diethylbenzene	119	13.207	13.200	0.007	92	706111	5.00	5.78	
147 n-Butylbenzene	92	13.292	13.292	0.000	95	587018	5.00	5.60	
148 1,2-Dichlorobenzene	146	13.328	13.328	0.000	99	538021	5.00	5.51	
150 1,2-Dibromo-3-Chloropropane	155	13.871	13.871	0.000	91	23209	5.00	5.76	
151 1,3,5-Trichlorobenzene	180	13.993	13.993	0.000	98	530759	5.00	5.60	
152 1,2,4-Trichlorobenzene	180	14.414	14.414	0.000	94	438496	5.00	5.64	
153 Hexachlorobutadiene	225	14.499	14.499	0.000	96	243257	5.00	5.72	
154 Naphthalene	128	14.597	14.596	0.001	97	568552	5.00	5.56	
155 1,2,3-Trichlorobenzene	180	14.743	14.743	0.000	96	327934	5.00	5.54	
156 2-Methylnaphthalene	142	15.365	15.365	0.000	92	309681	5.00	6.27	
183 Pentane	43	2.983	3.001	-0.018	97	276536	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00250	Amount Added: 12.50	Units: uL	
LCS_ETBR_00011	Amount Added: 12.50	Units: uL	
MSV_QC_Gas826_00289	Amount Added: 12.50	Units: uL	
MSV_LCS_ACROL_00255	Amount Added: 12.50	Units: uL	
MSV_LCS_EE_00014	Amount Added: 12.50	Units: uL	
MSV_LCS_Penta_00063	Amount Added: 12.50	Units: uL	
MSV_29_826ISS_00063	Amount Added: 1.20	Units: uL	Run Reagent

Report Date: 25-Nov-2025 15:47:00

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X22.D

Injection Date: 25-Nov-2025 05:05:30

Instrument ID: 16334

Operator ID: gaw91131

Lims ID: ICV

Worklist Smp#: 23

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

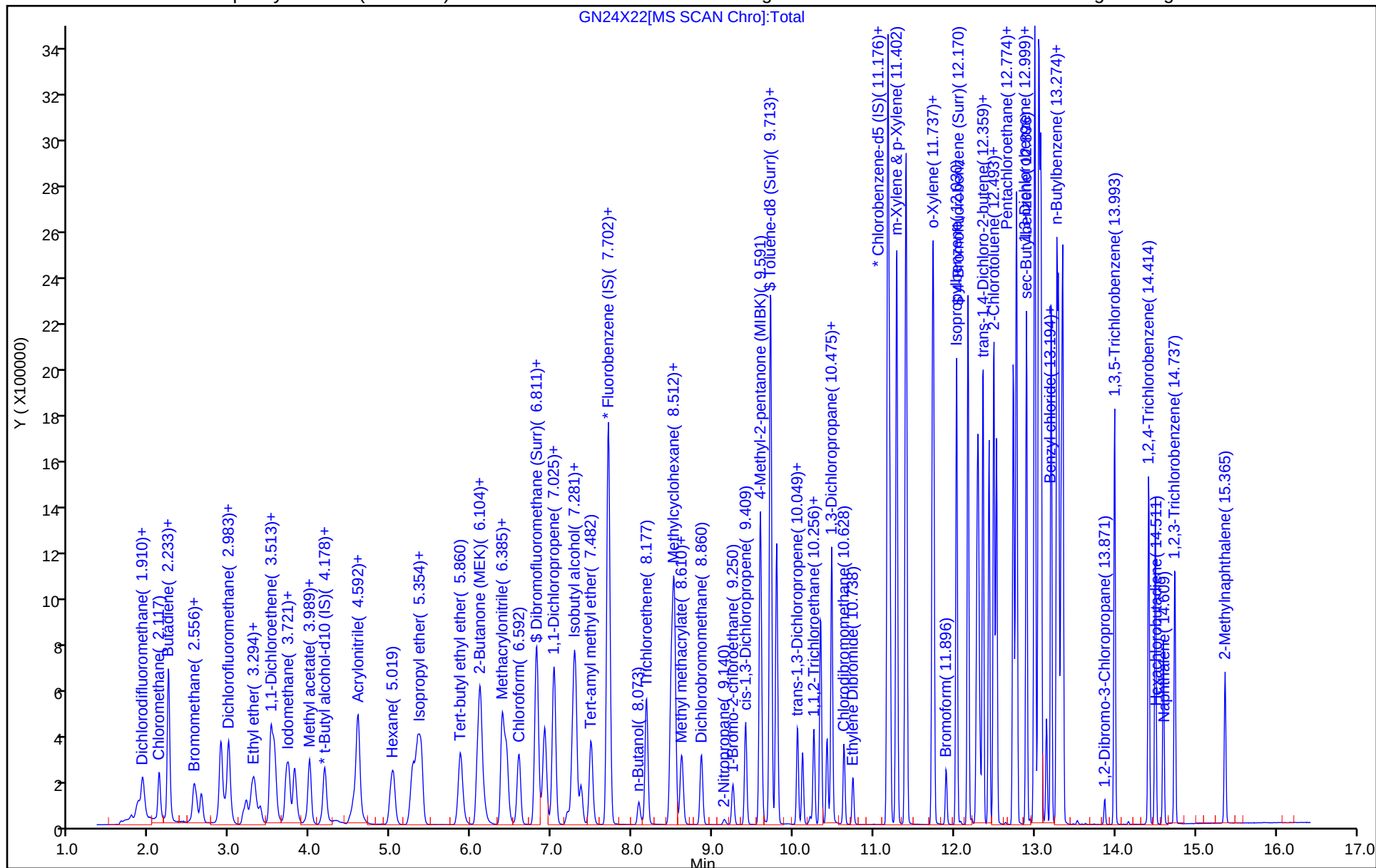
ALS Bottle#: 22

Method: MSV_16334_25mL

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

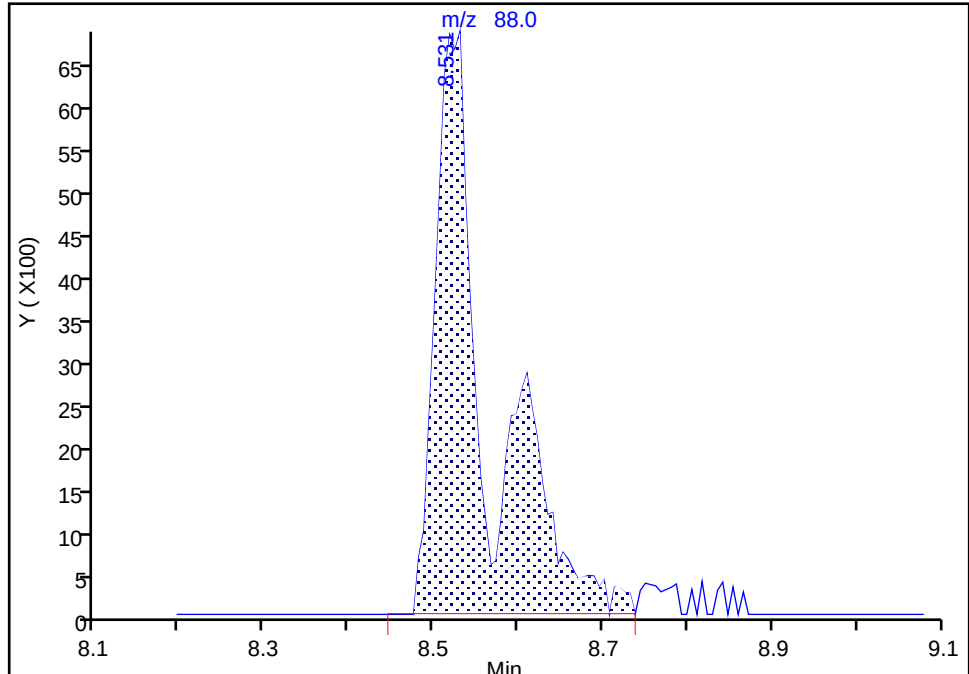
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Injection Date: 25-Nov-2025 05:05:30 Instrument ID: 16334
Lims ID: ICV
Client ID:
Operator ID: gaw91131 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

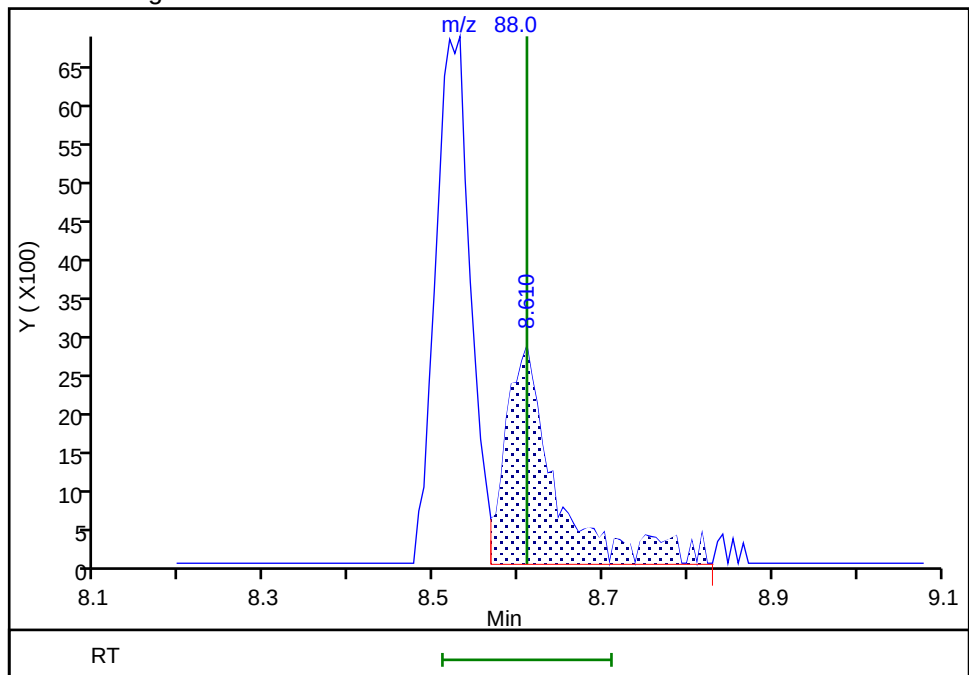
RT: 8.53
Area: 30044
Amount: 307.3208
Amount Units: ug/l

Processing Integration Results



RT: 8.61
Area: 11776
Amount: 120.4570
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:15:38 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

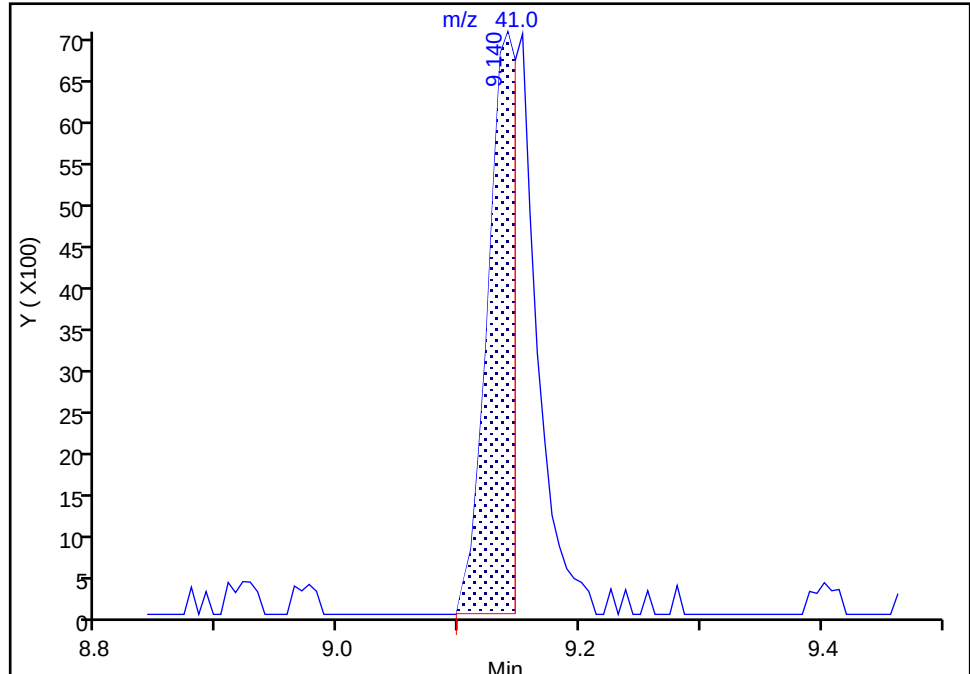
Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X22.D
Injection Date: 25-Nov-2025 05:05:30 Instrument ID: 16334
Lims ID: ICV
Client ID:
Operator ID: gaw91131 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

78 2-Nitropropane, CAS: 79-46-9

Signal: 1

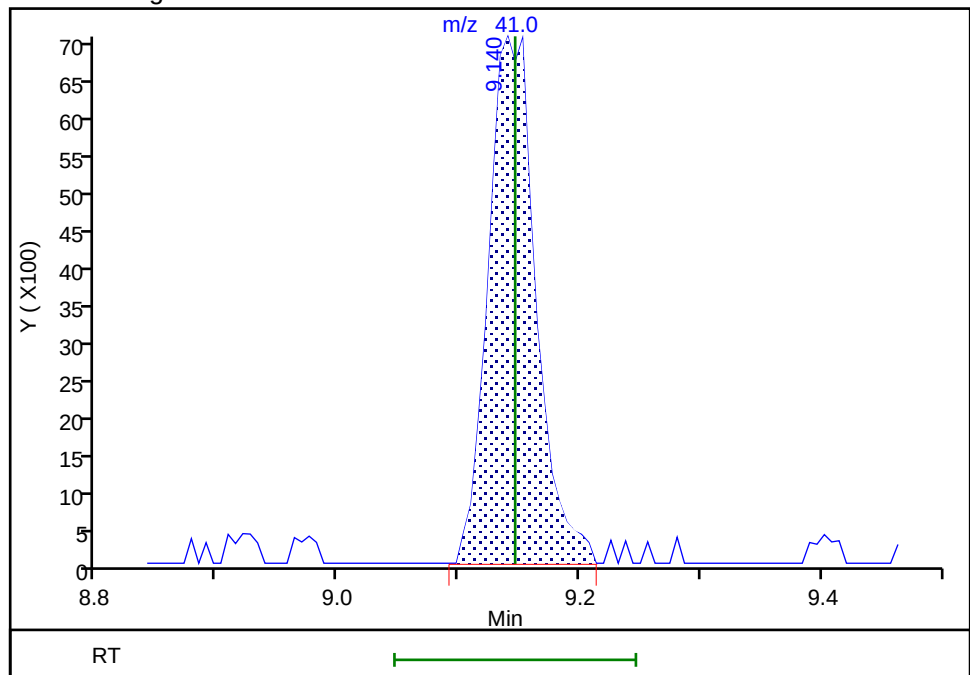
RT: 9.14
Area: 11696
Amount: 3.464782
Amount Units: ug/l

Processing Integration Results



RT: 9.14
Area: 19316
Amount: 5.663322
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 25-Nov-2025 15:15:50 -05:00:00 (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.: 410-254861-1

SDG No.:

Lab Sample ID: CCVIS 410-738640/3

Calibration Date: 12/03/2025 22:14

Instrument ID: 16334

Calib Start Date: 11/25/2025 01:24

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

Calib End Date: 11/25/2025 04:21

Lab File ID: GD03X02.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	0.3311	0.3078	0.1000	9.30	10.0	-7.0	20.0
Chloromethane	Ave	0.3227	0.2880	0.1000	8.92	10.0	-11.0	20.0
1,3-Butadiene	Ave	0.2559	0.2229		8.71	10.0	-13.0	20.0
Vinyl chloride	Ave	0.3141	0.2908	0.1000	9.26	10.0	-7.0	20.0
Bromomethane	Ave	0.2425	0.2201	0.1000	9.08	10.0	-9.0	20.0
Chloroethane	Ave	0.1734	0.1626	0.1000	9.38	10.0	-6.0	20.0
Dichlorofluoromethane	Ave	0.4553	0.4070		8.94	10.0	-11.0	20.0
Trichlorofluoromethane	Ave	0.4287	0.4069	0.1000	9.49	10.0	-5.0	20.0
Pentane	None					10.0		20.0
Ethyl ether	Ave	0.1115	0.1180		10.6	10.0	6.0	20.0
Freon 123a	Ave	0.2355	0.2293		9.74	10.0	-3.0	20.0
Acrolein	Ave	2.181	1.906		426	488	-13.0	20.0
1,1-Dichloroethene	Ave	0.1803	0.1524	0.1000	8.45	10.0	-15.0	20.0
Acetone	Ave	2.894	2.356	0.1000	81.4	100	-19.0	20.0
Freon 113	Ave	0.1858	0.1661	0.1000	8.94	10.0	-11.0	20.0
Methyl iodide	Ave	0.3848	0.3162		8.22	10.0	-18.0	20.0
Ethyl bromide	Ave	0.1890	0.1753		9.27	10.0	-7.0	20.0
Carbon disulfide	Ave	0.5855	0.4867	0.1000	8.31	10.0	-17.0	20.0
Methyl acetate	Ave	8.199	6.357	0.1000	7.75	10.0	-22.0*	20.0
Allyl chloride	Ave	0.2728	0.2270		8.32	10.0	-17.0	20.0
Methylene Chloride	Ave	0.2004	0.1710	0.1000	8.53	10.0	-15.0	20.0
t-Butyl alcohol	Ave	0.8609	0.7640		177	200	-11.0	20.0
Acrylonitrile	Ave	3.737	3.625		24.2	25.0	-3.0	20.0
Methyl tert-butyl ether	Ave	0.4059	0.3462	0.1000	8.53	10.0	-15.0	20.0
trans-1,2-Dichloroethene	Ave	0.2234	0.1901	0.1000	8.51	10.0	-15.0	20.0
n-Hexane	Ave	0.2446	0.2233		9.13	10.0	-9.0	20.0
1,1-Dichloroethane	Ave	0.3509	0.3093	0.2000	8.81	10.0	-12.0	20.0
di-Isopropyl ether	Ave	0.5602	0.4944		8.83	10.0	-12.0	20.0
2-Chloro-1,3-butadiene	Ave	0.2905	0.2525		8.69	10.0	-13.0	20.0
Ethyl t-butyl ether	Ave	0.5255	0.4501		8.57	10.0	-14.0	20.0
2-Butanone (MEK)	Ave	4.575	4.102	0.1000	89.7	100	-10.0	20.0
cis-1,2-Dichloroethene	Ave	0.2322	0.2109	0.1000	9.08	10.0	-9.0	20.0
2,2-Dichloropropane	Ave	0.3031	0.2649		8.74	10.0	-13.0	20.0
Propionitrile	Ave	1.371	1.300		190	200	-5.0	20.0
Methacrylonitrile	Ave	5.508	4.932		89.5	100	-10.0	20.0
Bromochloromethane	Ave	0.1008	0.0872		8.65	10.0	-13.0	20.0
Tetrahydrofuran	Ave	1.449	1.255		43.3	50.0	-13.0	20.0
Chloroform	Ave	0.3826	0.3311	0.2000	8.65	10.0	-13.0	20.0
1,1,1-Trichloroethane	Ave	0.3378	0.2853	0.1000	8.45	10.0	-16.0	20.0
Cyclohexane	Ave	0.3086	0.2708	0.1000	8.77	10.0	-12.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab Sample ID: CCVIS 410-738640/3

Calibration Date: 12/03/2025 22:14

Instrument ID: 16334

Calib Start Date: 11/25/2025 01:24

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

Calib End Date: 11/25/2025 04:21

Lab File ID: GD03X02.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	0.2980	0.2569	0.1000	8.62	10.0	-14.0	20.0
1,1-Dichloropropene	Ave	0.2843	0.2487		8.75	10.0	-13.0	20.0
Isobutyl alcohol	Ave	0.0022	0.0020		454	500	-9.0	20.0
Benzene	Ave	0.8690	0.7543	0.5000	8.68	10.0	-13.0	20.0
1,2-Dichloroethane	Ave	0.1954	0.1721	0.1000	8.81	10.0	-12.0	20.0
t-Amyl methyl ether	Ave	0.4472	0.3856		8.62	10.0	-14.0	20.0
n-Heptane	Ave	0.2405	0.2193		9.12	10.0	-9.0	20.0
n-Butanol	Ave	0.2683	0.2617		854	875	-2.0	20.0
Trichloroethene	Ave	0.2315	0.2091	0.2000	9.03	10.0	-10.0	20.0
Methylcyclohexane	Ave	0.3652	0.3285	0.1000	9.00	10.0	-10.0	20.0
1,2-Dichloropropane	Ave	0.2004	0.1774	0.1000	8.86	10.0	-11.0	20.0
1,4-Dioxane	Ave	0.0751	0.0820	0.0050	546	500	9.0	20.0
Methyl methacrylate	Ave	10.42	9.177		8.80	10.0	-12.0	20.0
Dibromomethane	Ave	0.0936	0.0838		8.96	10.0	-10.0	20.0
Bromodichloromethane	Ave	0.2560	0.2297	0.2000	8.97	10.0	-10.0	20.0
2-Nitropropane	Ave	2.619	2.327		44.4	50.0	-11.0	20.0
1-Bromo-2-chloroethane	Ave	0.1707	0.1794		10.5	10.0	5.0	20.0
cis-1,3-Dichloropropene	Ave	0.2980	0.2713	0.2000	9.10	10.0	-9.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	11.33	10.14	0.1000	89.5	100	-10.0	20.0
Toluene	Ave	0.7688	0.6673	0.4000	8.68	10.0	-13.0	20.0
trans-1,3-Dichloropropene	Ave	0.3059	0.2813	0.1000	9.20	10.0	-8.0	20.0
Ethyl methacrylate	Ave	0.2164	0.1931		8.92	10.0	-11.0	20.0
1,1,2-Trichloroethane	Ave	0.1800	0.1598	0.1000	8.88	10.0	-11.0	20.0
Tetrachloroethene	Ave	0.3809	0.3105	0.2000	8.15	10.0	-18.0	20.0
1,3-Dichloropropane	Ave	0.2930	0.2627		8.97	10.0	-10.0	20.0
2-Hexanone	Ave	7.788	6.834	0.1000	87.8	100	-12.0	20.0
Dibromochloromethane	Ave	0.2371	0.2127		8.97	10.0	-10.0	20.0
1,2-Dibromoethane (EDB)	Ave	0.1724	0.1509	0.1000	8.76	10.0	-12.0	20.0
1-Chlorohexane	Ave	0.4282	0.3647		8.52	10.0	-15.0	20.0
Chlorobenzene	Ave	0.8756	0.7636	0.5000	8.72	10.0	-13.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2948	0.2615		8.87	10.0	-11.0	20.0
Ethylbenzene	Ave	1.481	1.305	0.1000	8.81	10.0	-12.0	20.0
m&p-Xylene	Ave	0.5897	0.5116	0.1000	17.4	20.0	-13.0	20.0
o-Xylene	Ave	0.5827	0.5028	0.3000	8.63	10.0	-14.0	20.0
Styrene	Ave	0.9439	0.8367	0.3000	8.86	10.0	-11.0	20.0
Bromoform	Ave	0.1306	0.1149	0.1000	8.79	10.0	-12.0	20.0
Isopropylbenzene	Ave	1.514	1.323	0.1000	8.74	10.0	-13.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.3536	0.3310	0.3000	9.36	10.0	-6.0	20.0
Bromobenzene	Ave	0.6858	0.5973		8.71	10.0	-13.0	20.0
trans-1,4-Dichloro-2-butene	Ave	4.763	4.435		93.1	100	-7.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab Sample ID: CCVIS 410-738640/3

Calibration Date: 12/03/2025 22:14

Instrument ID: 16334

Calib Start Date: 11/25/2025 01:24

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

Calib End Date: 11/25/2025 04:21

Lab File ID: GD03X02.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	0.1037	0.0924		8.91	10.0	-11.0	20.0
N-Propylbenzene	Ave	3.216	2.880		8.95	10.0	-10.0	20.0
2-Chlorotoluene	Ave	0.6921	0.6082		8.79	10.0	-12.0	20.0
1,3,5-Trimethylbenzene	Ave	2.372	2.097		8.84	10.0	-12.0	20.0
4-Chlorotoluene	Ave	0.7218	0.6369		8.82	10.0	-12.0	20.0
tert-Butylbenzene	Ave	0.5373	0.4979		9.27	10.0	-7.0	20.0
Pentachloroethane	Ave	0.3930	0.3767		9.59	10.0	-4.0	20.0
1,2,4-Trimethylbenzene	Ave	2.479	2.188		8.83	10.0	-12.0	20.0
sec-Butylbenzene	Ave	3.028	2.706		8.94	10.0	-11.0	20.0
1,3-Dichlorobenzene	Ave	1.426	1.229	0.6000	8.62	10.0	-14.0	20.0
p-Isopropyltoluene	Ave	2.709	2.427		8.96	10.0	-10.0	20.0
1,4-Dichlorobenzene	Ave	1.396	1.207	0.5000	8.64	10.0	-14.0	20.0
1,2,3-Trimethylbenzene	Ave	1.056	0.9310		8.81	10.0	-12.0	20.0
Benzyl chloride	Ave	0.1440	0.1395		9.69	10.0	-3.0	20.0
n-Butylbenzene	Ave	1.304	1.187		9.10	10.0	-9.0	20.0
1,2-Dichlorobenzene	Ave	1.213	1.049	0.4000	8.64	10.0	-14.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	3.092	2.654	0.0500	8.58	10.0	-14.0	20.0
1,3,5-Trichlorobenzene	Ave	1.177	1.020		8.66	10.0	-13.0	20.0
1,2,4-Trichlorobenzene	Ave	0.9669	0.8324	0.2000	8.61	10.0	-14.0	20.0
Hexachlorobutadiene	Ave	0.5286	0.4482		8.48	10.0	-15.0	20.0
Naphthalene	Ave	1.272	1.141		8.97	10.0	-10.0	20.0
1,2,3-Trichlorobenzene	Ave	0.7357	0.6295		8.56	10.0	-14.0	20.0
2-Methylnaphthalene	Ave	0.6142	0.5460		8.89	10.0	-11.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2418	0.2371		9.80	10.0	-2.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0451	0.0432		9.58	10.0	-4.0	20.0
Toluene-d8 (Surr)	Ave	1.287	1.269		9.86	10.0	-1.0	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4629	0.4657		10.1	10.0	1.0	20.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X02.D
 Lims ID: CCVIS VSTD10
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 03-Dec-2025 22:14:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168772-003
 Misc. Info.: CCVIS VSTD10
 Operator ID: ncc117024 Instrument ID: 16334
 Sublist: chrom-MSV_16334_25mL*sub4
 Method: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 04-Dec-2025 16:30:53 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1715

First Level Reviewer: HR3Z

Date: 03-Dec-2025 23:06:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.916	1.916	0.000	99	493856	10.0	9.30	
5 Chloromethane	50	2.123	2.123	0.000	99	462073	10.0	8.92	
7 Butadiene	39	2.239	2.239	0.000	89	357661	10.0	8.71	
6 Vinyl chloride	62	2.239	2.239	0.000	97	466527	10.0	9.26	
9 Bromomethane	94	2.562	2.562	0.000	90	353216	10.0	9.08	
10 Chloroethane	64	2.654	2.654	0.000	99	260929	10.0	9.38	
11 Dichlorofluoromethane	67	2.891	2.891	0.000	96	653007	10.0	8.94	
12 Trichlorofluoromethane	101	2.971	2.971	0.000	96	652794	10.0	9.49	
15 Ethyl ether	59	3.202	3.202	0.000	89	189249	10.0	10.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	3.300	3.300	0.000	94	367987	10.0	9.74	
17 Acrolein	56	3.373	3.373	0.000	100	1106844	487.9	426.3	
18 1,1-Dichloroethene	96	3.513	3.513	0.000	96	244529	10.0	8.45	
19 Acetone	43	3.550	3.550	0.000	94	280444	100.0	81.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.550	3.550	0.000	91	266587	10.0	8.94	
21 Iodomethane	142	3.702	3.702	0.000	98	507345	10.0	8.22	
22 Isopropyl alcohol	45	3.720	3.720	0.000	35	89239	200.0	172.9	
23 Ethyl bromide	108	3.733	3.733	0.000	98	281265	10.0	9.27	
24 Carbon disulfide	76	3.806	3.806	0.000	99	780932	10.0	8.31	
27 Methyl acetate	43	3.964	3.964	0.000	96	75670	10.0	7.75	M
28 3-Chloro-1-propene	41	3.989	3.989	0.000	90	364187	10.0	8.32	
29 Methylene Chloride	84	4.178	4.178	0.000	86	274302	10.0	8.53	
* 30 t-Butyl alcohol-d10 (IS)	65	4.190	4.190	0.000	98	59511	50.0	50.0	M
31 2-Methyl-2-propanol	59	4.330	4.330	0.000	99	181877	200.0	177.5	
32 Acrylonitrile	53	4.531	4.531	0.000	99	107857	25.0	24.2	
33 Methyl tert-butyl ether	73	4.586	4.586	0.000	83	555415	10.0	8.53	
34 trans-1,2-Dichloroethene	96	4.592	4.592	0.000	97	305072	10.0	8.51	
35 Hexane	57	5.025	5.025	0.000	90	358350	10.0	9.13	
36 1,1-Dichloroethane	63	5.269	5.269	0.000	96	496316	10.0	8.81	
38 Isopropyl ether	45	5.330	5.330	0.000	94	793303	10.0	8.83	
39 2-Chloro-1,3-butadiene	53	5.379	5.379	0.000	90	405137	10.0	8.69	

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	5.866	5.866	0.000	97	722211	10.0	8.57	
42 2-Butanone (MEK)	43	6.080	6.080	0.000	99	488242	100.0	89.7	
44 cis-1,2-Dichloroethene	96	6.104	6.104	0.000	79	338338	10.0	9.08	
45 2,2-Dichloropropane	77	6.122	6.122	0.000	85	425097	10.0	8.74	
47 Propionitrile	54	6.177	6.177	0.000	99	309505	200.0	189.7	
48 Methacrylonitrile	67	6.391	6.391	0.000	89	587033	100.0	89.5	
49 Chlorobromomethane	128	6.433	6.433	0.000	87	139925	10.0	8.65	
50 Tetrahydrofuran	71	6.439	6.439	0.000	64	74660	50.0	43.3	
51 Chloroform	83	6.592	6.592	0.000	92	531243	10.0	8.65	
\$ 52 Dibromofluoromethane (Surr)	113	6.811	6.811	0.000	94	380372	10.0	9.80	
53 1,1,1-Trichloroethane	97	6.817	6.817	0.000	97	457745	10.0	8.45	
54 Cyclohexane	56	6.915	6.915	0.000	88	434424	10.0	8.77	
56 Carbon tetrachloride	117	7.025	7.025	0.000	96	412126	10.0	8.62	
57 1,1-Dichloropropene	75	7.031	7.031	0.000	97	398980	10.0	8.75	
58 Isobutyl alcohol	41	7.201	7.201	0.000	93	158392	500.0	454.1	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.262	7.262	0.000	99	69347	10.0	9.58	
60 Benzene	78	7.293	7.293	0.000	96	1210285	10.0	8.68	
61 1,2-Dichloroethane	62	7.366	7.366	0.000	98	276191	10.0	8.81	
63 Tert-amyl methyl ether	73	7.488	7.488	0.000	99	618745	10.0	8.62	
* 64 Fluorobenzene (IS)	96	7.701	7.701	0.000	99	1604453	10.0	10.0	
65 n-Heptane	43	7.707	7.707	0.000	87	351902	10.0	9.12	
67 n-Butanol	56	8.079	8.079	0.000	86	272592	875.0	853.7	
68 Trichloroethene	95	8.177	8.177	0.000	96	335459	10.0	9.03	
69 Methylcyclohexane	83	8.482	8.482	0.000	88	527017	10.0	9.00	
70 1,2-Dichloropropane	63	8.512	8.512	0.000	89	284694	10.0	8.86	
71 2-ethoxy-2-methyl butane	87	8.524	8.524	0.000	95	447694	10.0	8.73	
72 1,4-Dioxane	88	8.598	8.598	0.000	39	48774	500.0	545.8	M
73 Methyl methacrylate	69	8.598	8.598	0.000	86	109228	10.0	8.80	
74 Dibromomethane	93	8.616	8.616	0.000	95	134521	10.0	8.96	
76 Dichlorobromomethane	83	8.860	8.860	0.000	99	368621	10.0	8.97	
78 2-Nitropropane	41	9.146	9.146	0.000	99	138468	50.0	44.4	
80 1-Bromo-2-chloroethane	63	9.250	9.250	0.000	98	287894	10.0	10.5	
81 cis-1,3-Dichloropropene	75	9.408	9.408	0.000	97	435334	10.0	9.10	
82 4-Methyl-2-pentanone (MIBK)	43	9.591	9.591	0.000	95	1207244	100.0	89.5	
\$ 83 Toluene-d8 (Surr)	98	9.713	9.713	0.000	93	1546444	10.0	9.86	
84 Toluene	92	9.792	9.792	0.000	99	813264	10.0	8.68	
105 trans-1,3-Dichloropropene	75	10.048	10.048	0.000	91	342755	10.0	9.20	
106 Ethyl methacrylate	69	10.116	10.116	0.000	87	235298	10.0	8.92	
107 1,1,2-Trichloroethane	97	10.256	10.256	0.000	90	194722	10.0	8.88	
108 Tetrachloroethene	166	10.341	10.341	0.000	97	378443	10.0	8.15	
109 1,3-Dichloropropane	76	10.414	10.414	0.000	88	320145	10.0	8.97	
110 2-Hexanone	43	10.475	10.475	0.000	95	813470	100.0	87.8	
112 Chlorodibromomethane	129	10.628	10.628	0.000	90	259154	10.0	8.97	
113 Ethylene Dibromide	107	10.737	10.737	0.000	99	183947	10.0	8.76	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.170	0.000	84	1218606	10.0	10.0	
115 1-Chlorohexane	91	11.182	11.182	0.000	93	444482	10.0	8.52	
116 Chlorobenzene	112	11.195	11.195	0.000	96	930563	10.0	8.72	
118 1,1,1,2-Tetrachloroethane	131	11.280	11.280	0.000	96	318712	10.0	8.87	
119 Ethylbenzene	91	11.286	11.286	0.000	98	1590191	10.0	8.81	
120 m-Xylene & p-Xylene	106	11.396	11.396	0.000	100	1246885	20.0	17.4	
121 o-Xylene	106	11.725	11.725	0.000	97	612790	10.0	8.63	
122 Styrene	104	11.743	11.743	0.000	95	1019637	10.0	8.86	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
123 Bromoform	173	11.896	11.896	0.000	97	139989	10.0	8.79	
124 Isopropylbenzene	105	12.024	12.024	0.000	95	1612549	10.0	8.74	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	94	567501	10.0	10.1	
128 1,1,2,2-Tetrachloroethane	83	12.274	12.274	0.000	92	214200	10.0	9.36	
129 Bromobenzene	156	12.286	12.286	0.000	97	386543	10.0	8.71	
130 trans-1,4-Dichloro-2-butene	53	12.298	12.298	0.000	93	527875	100.0	93.1	
131 1,2,3-Trichloropropane	110	12.316	12.316	0.000	80	59827	10.0	8.91	
132 N-Propylbenzene	91	12.353	12.353	0.000	99	1863540	10.0	8.95	
133 2-Chlorotoluene	126	12.426	12.426	0.000	97	393604	10.0	8.79	
134 1,3,5-Trimethylbenzene	105	12.487	12.487	0.000	94	1356908	10.0	8.84	
135 4-Chlorotoluene	126	12.524	12.524	0.000	96	412194	10.0	8.82	
136 tert-Butylbenzene	134	12.731	12.731	0.000	92	322201	10.0	9.27	
137 Pentachloroethane	167	12.761	12.761	0.000	94	243755	10.0	9.59	
138 1,2,4-Trimethylbenzene	105	12.774	12.774	0.000	96	1416300	10.0	8.83	
139 sec-Butylbenzene	105	12.895	12.895	0.000	94	1751157	10.0	8.94	
140 1,3-Dichlorobenzene	146	12.993	12.993	0.000	98	795328	10.0	8.62	
141 4-Isopropyltoluene	119	12.999	12.999	0.000	97	1570812	10.0	8.96	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	92	647138	10.0	10.0	
143 1,4-Dichlorobenzene	146	13.066	13.066	0.000	96	781153	10.0	8.64	
144 1,2,3-Trimethylbenzene	120	13.078	13.078	0.000	98	602511	10.0	8.81	
145 Benzyl chloride	126	13.139	13.139	0.000	98	90273	10.0	9.69	
146 p-Diethylbenzene	119	13.200	13.200	0.000	92	877892	10.0	8.93	
147 n-Butylbenzene	92	13.292	13.292	0.000	97	768179	10.0	9.10	
148 1,2-Dichlorobenzene	146	13.322	13.322	0.000	99	678650	10.0	8.64	
150 1,2-Dibromo-3-Chloropropane	155	13.865	13.865	0.000	90	31587	10.0	8.58	
151 1,3,5-Trichlorobenzene	180	13.987	13.987	0.000	98	660158	10.0	8.66	
152 1,2,4-Trichlorobenzene	180	14.413	14.413	0.000	94	538679	10.0	8.61	
153 Hexachlorobutadiene	225	14.493	14.493	0.000	97	290083	10.0	8.48	
154 Naphthalene	128	14.596	14.596	0.000	97	738132	10.0	8.97	
155 1,2,3-Trichlorobenzene	180	14.737	14.737	0.000	96	407401	10.0	8.56	
156 2-Methylnaphthalene	142	15.358	15.358	0.000	92	353362	10.0	8.89	
183 Pentane	43	2.989	2.989	0.000	95	354794	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#2_826_00201

Amount Added: 20.00

Units: uL

MSV_LL_#1_826_00185

Amount Added: 20.00

Units: uL

MSV_LL_GAS826_00300

Amount Added: 20.00

Units: uL

MSV_29_826ISS_00066

Amount Added: 1.20

Units: uL

Run Reagent

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X02.D

Operator ID: ncc117024

Worklist Smp#: 3

ALS Bottle#: 2

Limit Group: MSV - 8260C D

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

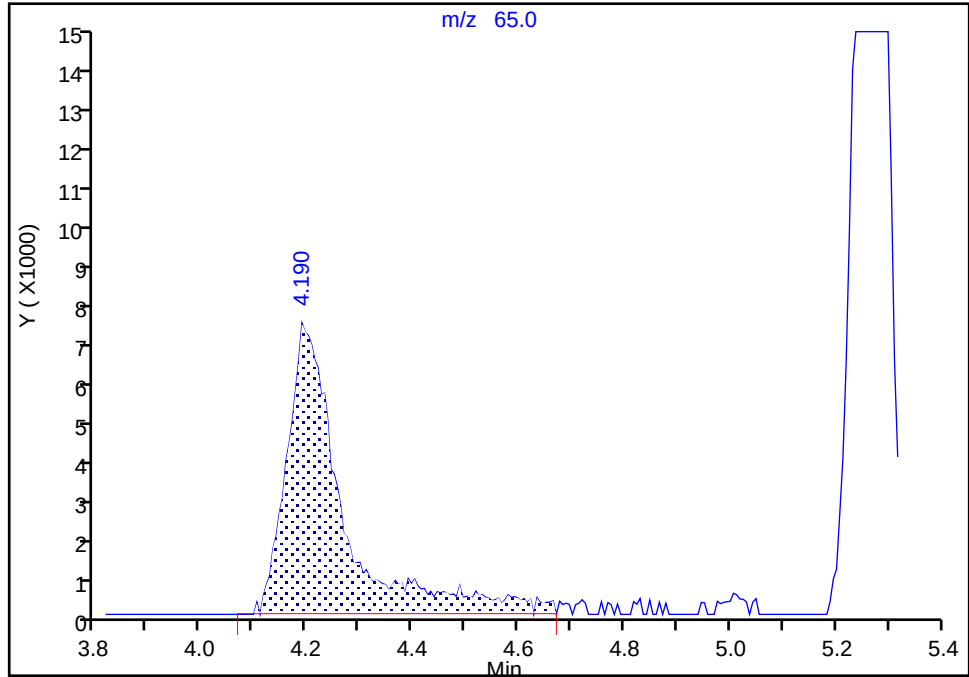
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Injection Date: 03-Dec-2025 22:14:30 Instrument ID: 16334
Lims ID: CCVIS VSTD10
Client ID:
Operator ID: ncc117024 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 30 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

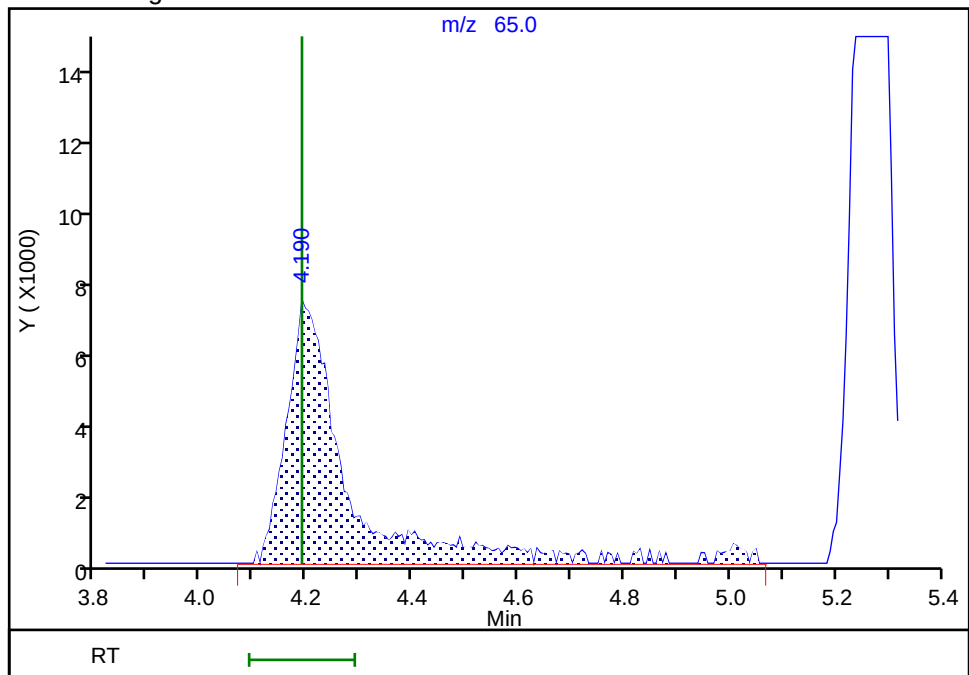
RT: 4.19
Area: 55674
Amount: 49.998300
Amount Units: ug/l

Processing Integration Results



RT: 4.19
Area: 59511
Amount: 49.998300
Amount Units: ug/l

Manual Integration Results



Reviewer: HR3Z, 03-Dec-2025 22:45:08 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

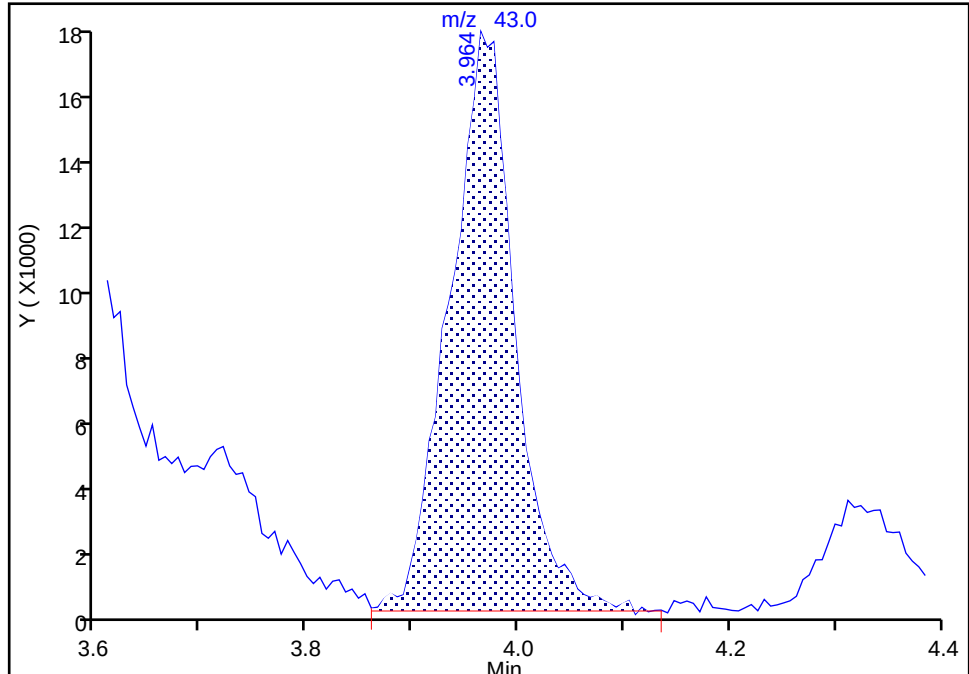
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Injection Date: 03-Dec-2025 22:14:30 Instrument ID: 16334
Lims ID: CCVIS VSTD10
Client ID:
Operator ID: ncc117024 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

27 Methyl acetate, CAS: 79-20-9

Signal: 1

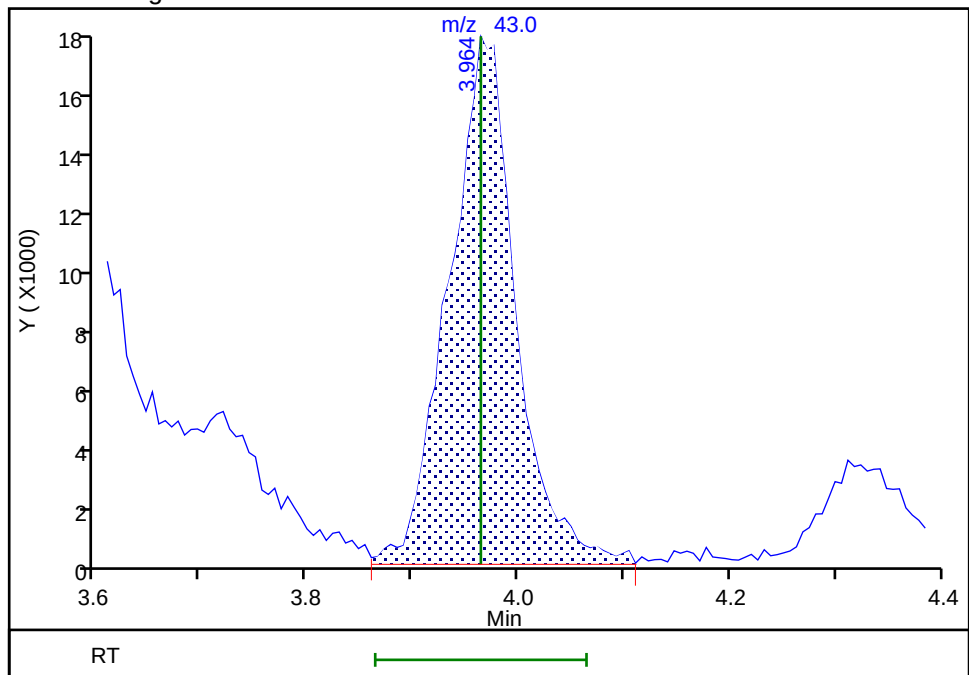
RT: 3.96
Area: 74086
Amount: 8.115106
Amount Units: ug/l

Processing Integration Results



RT: 3.96
Area: 75670
Amount: 7.754199
Amount Units: ug/l

Manual Integration Results



Reviewer: HR3Z, 03-Dec-2025 22:44:45 -05:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

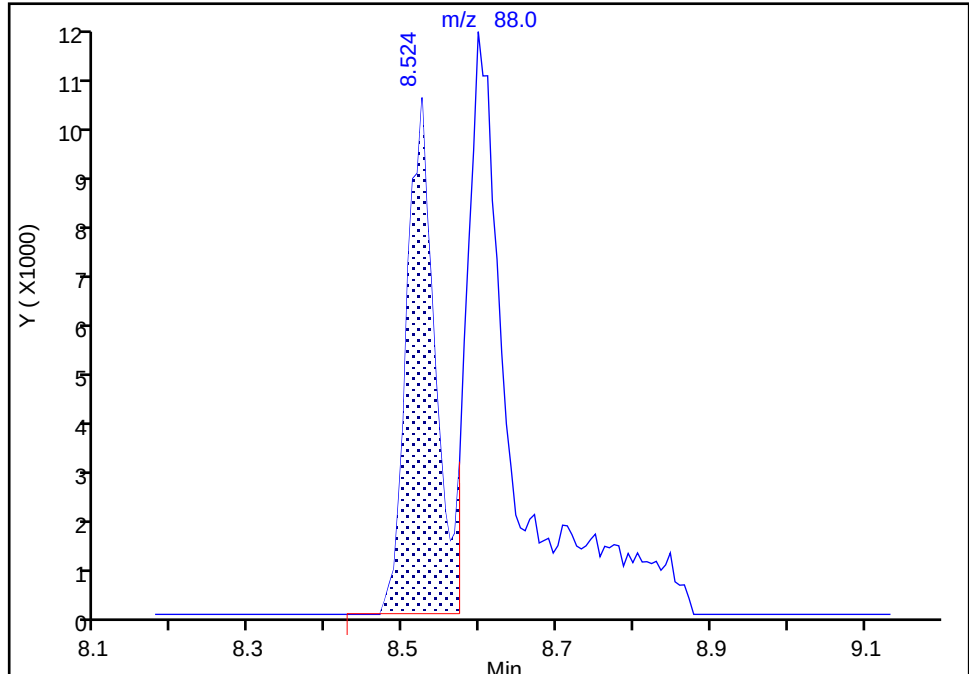
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Injection Date: 03-Dec-2025 22:14:30 Instrument ID: 16334
Lims ID: CCVIS VSTD10
Client ID:
Operator ID: ncc117024 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

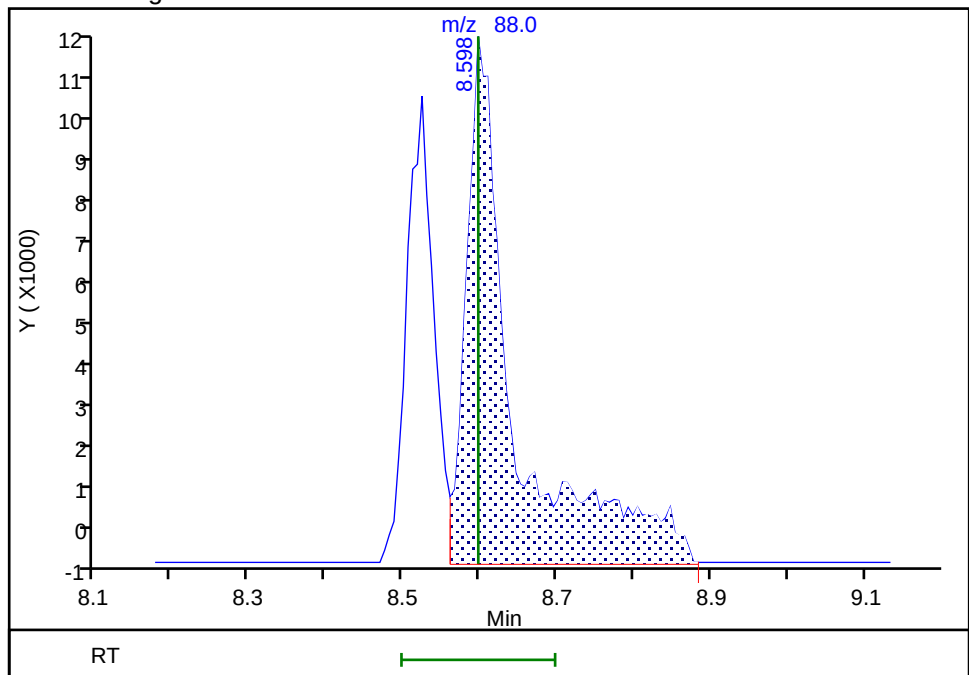
RT: 8.52
Area: 25867
Amount: 289.4881
Amount Units: ug/l

Processing Integration Results



RT: 8.60
Area: 48774
Amount: 545.8496
Amount Units: ug/l

Manual Integration Results



Reviewer: HR3Z, 03-Dec-2025 22:45:54 -05:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab Sample ID: CCVIS 410-739507/3

Calibration Date: 12/05/2025 10:04

Instrument ID: 16334

Calib Start Date: 11/25/2025 01:24

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

Calib End Date: 11/25/2025 04:21

Lab File ID: GD05X02.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	0.3311	0.2899	0.1000	8.75	10.0	-12.0	20.0
Chloromethane	Ave	0.3227	0.2851	0.1000	8.83	10.0	-12.0	20.0
1,3-Butadiene	Ave	0.2559	0.2298		8.98	10.0	-10.0	20.0
Vinyl chloride	Ave	0.3141	0.2913	0.1000	9.28	10.0	-7.0	20.0
Bromomethane	Ave	0.2425	0.2237	0.1000	9.22	10.0	-8.0	20.0
Chloroethane	Ave	0.1734	0.1646	0.1000	9.49	10.0	-5.0	20.0
Dichlorofluoromethane	Ave	0.4553	0.4161		9.14	10.0	-9.0	20.0
Trichlorofluoromethane	Ave	0.4287	0.4083	0.1000	9.52	10.0	-5.0	20.0
Pentane	None					10.0		20.0
Ethyl ether	Ave	0.1115	0.1168		10.5	10.0	5.0	20.0
Freon 123a	Ave	0.2355	0.2335		9.92	10.0	-1.0	20.0
Acrolein	Ave	2.181	2.553		571	488	17.0	20.0
1,1-Dichloroethene	Ave	0.1803	0.1782	0.1000	9.88	10.0	-1.0	20.0
Acetone	Ave	2.894	2.599	0.1000	89.8	100	-10.0	20.0
Freon 113	Ave	0.1858	0.1957	0.1000	10.5	10.0	5.0	20.0
Methyl iodide	Ave	0.3848	0.3607		9.37	10.0	-6.0	20.0
Ethyl bromide	Ave	0.1890	0.1744		9.23	10.0	-8.0	20.0
Carbon disulfide	Ave	0.5855	0.5774	0.1000	9.86	10.0	-1.0	20.0
Methyl acetate	Ave	8.199	7.429	0.1000	9.06	10.0	-9.0	20.0
Allyl chloride	Ave	0.2728	0.2542		9.32	10.0	-7.0	20.0
Methylene Chloride	Ave	0.2004	0.1898	0.1000	9.47	10.0	-5.0	20.0
t-Butyl alcohol	Ave	0.8609	0.9250		215	200	7.0	20.0
Acrylonitrile	Ave	3.737	4.242		28.4	25.0	14.0	20.0
Methyl tert-butyl ether	Ave	0.4059	0.3724	0.1000	9.17	10.0	-8.0	20.0
trans-1,2-Dichloroethene	Ave	0.2234	0.2177	0.1000	9.74	10.0	-3.0	20.0
n-Hexane	Ave	0.2446	0.2670		10.9	10.0	9.0	20.0
1,1-Dichloroethane	Ave	0.3509	0.3397	0.2000	9.68	10.0	-3.0	20.0
di-Isopropyl ether	Ave	0.5602	0.5334		9.52	10.0	-5.0	20.0
2-Chloro-1,3-butadiene	Ave	0.2905	0.2854		9.82	10.0	-2.0	20.0
Ethyl t-butyl ether	Ave	0.5255	0.4820		9.17	10.0	-8.0	20.0
2-Butanone (MEK)	Ave	4.575	4.892	0.1000	107	100	7.0	20.0
cis-1,2-Dichloroethene	Ave	0.2322	0.2333	0.1000	10.0	10.0	0.0	20.0
2,2-Dichloropropane	Ave	0.3031	0.2962		9.77	10.0	-2.0	20.0
Propionitrile	Ave	1.371	1.492		218	200	9.0	20.0
Methacrylonitrile	Ave	5.508	5.747		104	100	4.0	20.0
Bromochloromethane	Ave	0.1008	0.0955		9.48	10.0	-5.0	20.0
Tetrahydrofuran	Ave	1.449	1.484		51.2	50.0	2.0	20.0
Chloroform	Ave	0.3826	0.3619	0.2000	9.46	10.0	-5.0	20.0
1,1,1-Trichloroethane	Ave	0.3378	0.3198	0.1000	9.47	10.0	-5.0	20.0
Cyclohexane	Ave	0.3086	0.3157	0.1000	10.2	10.0	2.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab Sample ID: CCVIS 410-739507/3

Calibration Date: 12/05/2025 10:04

Instrument ID: 16334

Calib Start Date: 11/25/2025 01:24

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

Calib End Date: 11/25/2025 04:21

Lab File ID: GD05X02.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	0.2980	0.2896	0.1000	9.72	10.0	-3.0	20.0
1,1-Dichloropropene	Ave	0.2843	0.2836		9.98	10.0	0.0	20.0
Isobutyl alcohol	Ave	0.0022	0.0021		480	500	-4.0	20.0
Benzene	Ave	0.8690	0.8392	0.5000	9.66	10.0	-3.0	20.0
1,2-Dichloroethane	Ave	0.1954	0.1863	0.1000	9.53	10.0	-5.0	20.0
t-Amyl methyl ether	Ave	0.4472	0.4097		9.16	10.0	-8.0	20.0
n-Heptane	Ave	0.2405	0.2582		10.7	10.0	7.0	20.0
n-Butanol	Ave	0.2683	0.2958		965	875	10.0	20.0
Trichloroethene	Ave	0.2315	0.2361	0.2000	10.2	10.0	2.0	20.0
Methylcyclohexane	Ave	0.3652	0.3819	0.1000	10.5	10.0	5.0	20.0
1,2-Dichloropropane	Ave	0.2004	0.1945	0.1000	9.71	10.0	-3.0	20.0
1,4-Dioxane	Ave	0.0751	0.0943	0.0050	628	500	26.0*	20.0
Methyl methacrylate	Ave	10.42	10.67		10.2	10.0	2.0	20.0
Dibromomethane	Ave	0.0936	0.0898		9.59	10.0	-4.0	20.0
Bromodichloromethane	Ave	0.2560	0.2488	0.2000	9.72	10.0	-3.0	20.0
2-Nitropropane	Ave	2.619	2.695		51.5	50.0	3.0	20.0
1-Bromo-2-chloroethane	Ave	0.1707	0.1800		10.5	10.0	5.0	20.0
cis-1,3-Dichloropropene	Ave	0.2980	0.2963	0.2000	9.94	10.0	-1.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	11.33	11.99	0.1000	106	100	6.0	20.0
Toluene	Ave	0.7688	0.7405	0.4000	9.63	10.0	-4.0	20.0
trans-1,3-Dichloropropene	Ave	0.3059	0.3025	0.1000	9.89	10.0	-1.0	20.0
Ethyl methacrylate	Ave	0.2164	0.2087		9.64	10.0	-4.0	20.0
1,1,2-Trichloroethane	Ave	0.1800	0.1717	0.1000	9.54	10.0	-5.0	20.0
Tetrachloroethene	Ave	0.3809	0.3542	0.2000	9.30	10.0	-7.0	20.0
1,3-Dichloropropane	Ave	0.2930	0.2865		9.78	10.0	-2.0	20.0
2-Hexanone	Ave	7.788	8.169	0.1000	105	100	5.0	20.0
Dibromochloromethane	Ave	0.2371	0.2314		9.76	10.0	-2.0	20.0
1,2-Dibromoethane (EDB)	Ave	0.1724	0.1651	0.1000	9.57	10.0	-4.0	20.0
1-Chlorohexane	Ave	0.4282	0.4187		9.78	10.0	-2.0	20.0
Chlorobenzene	Ave	0.8756	0.8459	0.5000	9.66	10.0	-3.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2948	0.2857		9.69	10.0	-3.0	20.0
Ethylbenzene	Ave	1.481	1.446	0.1000	9.76	10.0	-2.0	20.0
m&p-Xylene	Ave	0.5897	0.5720	0.1000	19.4	20.0	-3.0	20.0
o-Xylene	Ave	0.5827	0.5601	0.3000	9.61	10.0	-4.0	20.0
Styrene	Ave	0.9439	0.9212	0.3000	9.76	10.0	-2.0	20.0
Bromoform	Ave	0.1306	0.1226	0.1000	9.39	10.0	-6.0	20.0
Isopropylbenzene	Ave	1.514	1.466	0.1000	9.68	10.0	-3.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.3536	0.3600	0.3000	10.2	10.0	2.0	20.0
Bromobenzene	Ave	0.6858	0.6582		9.60	10.0	-4.0	20.0
trans-1,4-Dichloro-2-butene	Ave	4.763	4.993		105	100	5.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.: _____

Lab Sample ID: CCVIS 410-739507/3

Calibration Date: 12/05/2025 10:04

Instrument ID: 16334

Calib Start Date: 11/25/2025 01:24

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

Calib End Date: 11/25/2025 04:21

Lab File ID: GD05X02.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	0.1037	0.0995		9.60	10.0	-4.0	20.0
N-Propylbenzene	Ave	3.216	3.236		10.1	10.0	1.0	20.0
2-Chlorotoluene	Ave	0.6921	0.6753		9.76	10.0	-2.0	20.0
1,3,5-Trimethylbenzene	Ave	2.372	2.351		9.91	10.0	-1.0	20.0
4-Chlorotoluene	Ave	0.7218	0.7031		9.74	10.0	-3.0	20.0
tert-Butylbenzene	Ave	0.5373	0.5235		9.74	10.0	-3.0	20.0
Pentachloroethane	Ave	0.3930	0.3802		9.68	10.0	-3.0	20.0
1,2,4-Trimethylbenzene	Ave	2.479	2.429		9.80	10.0	-2.0	20.0
sec-Butylbenzene	Ave	3.028	3.051		10.1	10.0	1.0	20.0
1,3-Dichlorobenzene	Ave	1.426	1.352	0.6000	9.48	10.0	-5.0	20.0
p-Isopropyltoluene	Ave	2.709	2.710		10.0	10.0	0.0	20.0
1,4-Dichlorobenzene	Ave	1.396	1.295	0.5000	9.28	10.0	-7.0	20.0
1,2,3-Trimethylbenzene	Ave	1.056	1.015		9.61	10.0	-4.0	20.0
Benzyl chloride	Ave	0.1440	0.1530		10.6	10.0	6.0	20.0
n-Butylbenzene	Ave	1.304	1.323		10.1	10.0	1.0	20.0
1,2-Dichlorobenzene	Ave	1.213	1.148	0.4000	9.46	10.0	-5.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	3.092	3.147	0.0500	10.2	10.0	2.0	20.0
1,3,5-Trichlorobenzene	Ave	1.177	1.138		9.66	10.0	-3.0	20.0
1,2,4-Trichlorobenzene	Ave	0.9669	0.9173	0.2000	9.49	10.0	-5.0	20.0
Hexachlorobutadiene	Ave	0.5286	0.5110		9.67	10.0	-3.0	20.0
Naphthalene	Ave	1.272	1.236		9.72	10.0	-3.0	20.0
1,2,3-Trichlorobenzene	Ave	0.7357	0.6940		9.43	10.0	-6.0	20.0
2-Methylnaphthalene	Ave	0.6142	0.5978		9.73	10.0	-3.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2418	0.2351		9.72	10.0	-3.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0451	0.0438		9.70	10.0	-3.0	20.0
Toluene-d8 (Surr)	Ave	1.287	1.270		9.87	10.0	-1.0	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4629	0.4586		9.91	10.0	-1.0	20.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\GD05X02.D
 Lims ID: CCVIS VSTD10
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 05-Dec-2025 10:04:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168967-003
 Misc. Info.: CCVIS VSTD10
 Operator ID: ecr105096 Instrument ID: 16334
 Sublist: chrom-MSV_16334_25mL*sub4
 Method: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 17:50:12 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1714

First Level Reviewer: N7YK

Date: 05-Dec-2025 10:38:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.928	1.928	0.000	99	468929	10.0	8.75	
5 Chloromethane	50	2.129	2.129	0.000	99	461247	10.0	8.83	
7 Butadiene	39	2.245	2.245	0.000	90	371784	10.0	8.98	
6 Vinyl chloride	62	2.245	2.245	0.000	98	471265	10.0	9.28	
9 Bromomethane	94	2.568	2.568	0.000	90	361890	10.0	9.22	
10 Chloroethane	64	2.654	2.654	0.000	99	266260	10.0	9.49	
11 Dichlorofluoromethane	67	2.897	2.897	0.000	96	673211	10.0	9.14	
12 Trichlorofluoromethane	101	2.983	2.983	0.000	98	660497	10.0	9.52	
15 Ethyl ether	59	3.208	3.208	0.000	89	188941	10.0	10.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	3.300	3.300	0.000	89	377773	10.0	9.92	
17 Acrolein	56	3.385	3.385	0.000	100	1349522	487.9	571.1	
18 1,1-Dichloroethene	96	3.519	3.519	0.000	95	288278	10.0	9.88	
19 Acetone	43	3.556	3.556	0.000	90	281535	100.0	89.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.562	3.562	0.000	90	316526	10.0	10.5	
21 Iodomethane	142	3.708	3.708	0.000	98	583480	10.0	9.37	
22 Isopropyl alcohol	45	3.739	3.739	0.000	39	106414	200.0	204.4	
23 Ethyl bromide	108	3.745	3.745	0.000	98	282159	10.0	9.23	
24 Carbon disulfide	76	3.812	3.812	0.000	98	934041	10.0	9.86	
27 Methyl acetate	43	3.983	3.983	0.000	96	80478	10.0	9.06	
28 3-Chloro-1-propene	41	4.001	4.001	0.000	90	411275	10.0	9.32	
29 Methylene Chloride	84	4.190	4.190	0.000	85	306983	10.0	9.47	
* 30 t-Butyl alcohol-d10 (IS)	65	4.220	4.220	0.000	97	54163	50.0	50.0	
31 2-Methyl-2-propanol	59	4.342	4.342	0.000	98	200406	200.0	214.9	
32 Acrylonitrile	53	4.543	4.543	0.000	97	114880	25.0	28.4	
33 Methyl tert-butyl ether	73	4.592	4.592	0.000	81	602394	10.0	9.17	
34 trans-1,2-Dichloroethene	96	4.604	4.604	0.000	97	352225	10.0	9.74	
35 Hexane	57	5.031	5.031	0.000	90	432007	10.0	10.9	
36 1,1-Dichloroethane	63	5.275	5.275	0.000	95	549598	10.0	9.68	
38 Isopropyl ether	45	5.330	5.330	0.000	94	862897	10.0	9.52	
39 2-Chloro-1,3-butadiene	53	5.379	5.379	0.000	89	461645	10.0	9.82	

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	5.872	5.872	0.000	97	779845	10.0	9.17	
42 2-Butanone (MEK)	43	6.086	6.086	0.000	98	529956	100.0	106.9	
44 cis-1,2-Dichloroethene	96	6.110	6.110	0.000	85	377362	10.0	10.0	
45 2,2-Dichloropropane	77	6.129	6.129	0.000	85	479103	10.0	9.77	
47 Propionitrile	54	6.189	6.189	0.000	99	323291	200.0	217.7	
48 Methacrylonitrile	67	6.397	6.397	0.000	89	622616	100.0	104.3	
49 Chlorobromomethane	128	6.439	6.439	0.000	87	154542	10.0	9.48	
50 Tetrahydrofuran	71	6.458	6.458	0.000	85	80393	50.0	51.2	
51 Chloroform	83	6.598	6.598	0.000	92	585480	10.0	9.46	
\$ 52 Dibromofluoromethane (Surr)	113	6.811	6.811	0.000	94	380262	10.0	9.72	
53 1,1,1-Trichloroethane	97	6.823	6.823	0.000	97	517335	10.0	9.47	
54 Cyclohexane	56	6.915	6.915	0.000	87	510721	10.0	10.2	
56 Carbon tetrachloride	117	7.031	7.031	0.000	97	468449	10.0	9.72	
57 1,1-Dichloropropene	75	7.037	7.037	0.000	98	458831	10.0	9.98	
58 Isobutyl alcohol	41	7.208	7.208	0.000	94	168922	500.0	480.4	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.269	7.269	0.000	93	70840	10.0	9.70	
60 Benzene	78	7.299	7.299	0.000	96	1357682	10.0	9.66	
61 1,2-Dichloroethane	62	7.372	7.372	0.000	98	301313	10.0	9.53	
63 Tert-amyl methyl ether	73	7.488	7.488	0.000	99	662725	10.0	9.16	
* 64 Fluorobenzene (IS)	96	7.707	7.707	0.000	99	1617714	10.0	10.0	
65 n-Heptane	43	7.714	7.714	0.000	87	417688	10.0	10.7	
67 n-Butanol	56	8.079	8.079	0.000	86	280418	875.0	965.0	
68 Trichloroethene	95	8.183	8.183	0.000	97	381901	10.0	10.2	
69 Methylcyclohexane	83	8.488	8.488	0.000	91	617851	10.0	10.5	
70 1,2-Dichloropropane	63	8.518	8.518	0.000	87	314648	10.0	9.71	
71 2-ethoxy-2-methyl butane	87	8.524	8.524	0.000	94	485731	10.0	9.39	
72 1,4-Dioxane	88	8.604	8.604	0.000	38	51099	500.0	628.3	M
73 Methyl methacrylate	69	8.604	8.604	0.000	85	115563	10.0	10.2	
74 Dibromomethane	93	8.628	8.628	0.000	94	145220	10.0	9.59	
76 Dichlorobromomethane	83	8.860	8.860	0.000	99	402577	10.0	9.72	
78 2-Nitropropane	41	9.146	9.146	0.000	98	145994	50.0	51.5	
80 1-Bromo-2-chloroethane	63	9.250	9.250	0.000	98	291194	10.0	10.5	
81 cis-1,3-Dichloropropene	75	9.408	9.408	0.000	98	479363	10.0	9.94	
82 4-Methyl-2-pentanone (MIBK)	43	9.591	9.591	0.000	95	1299177	100.0	105.8	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.719	0.000	93	1551611	10.0	9.87	
84 Toluene	92	9.792	9.792	0.000	98	904936	10.0	9.63	
105 trans-1,3-Dichloropropene	75	10.055	10.055	0.000	90	369697	10.0	9.89	
106 Ethyl methacrylate	69	10.116	10.116	0.000	87	255050	10.0	9.64	
107 1,1,2-Trichloroethane	97	10.256	10.256	0.000	89	209845	10.0	9.54	
108 Tetrachloroethene	166	10.341	10.341	0.000	97	432795	10.0	9.30	
109 1,3-Dichloropropane	76	10.420	10.420	0.000	87	350150	10.0	9.78	
110 2-Hexanone	43	10.475	10.475	0.000	95	884997	100.0	104.9	
112 Chlorodibromomethane	129	10.628	10.628	0.000	89	282821	10.0	9.76	
113 Ethylene Dibromide	107	10.737	10.737	0.000	99	201716	10.0	9.57	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.170	0.000	84	1222001	10.0	10.0	
115 1-Chlorohexane	91	11.182	11.182	0.000	92	511648	10.0	9.78	
116 Chlorobenzene	112	11.201	11.201	0.000	96	1033752	10.0	9.66	
118 1,1,1,2-Tetrachloroethane	131	11.280	11.280	0.000	96	349082	10.0	9.69	
119 Ethylbenzene	91	11.286	11.286	0.000	98	1767399	10.0	9.76	
120 m-Xylene & p-Xylene	106	11.402	11.402	0.000	100	1397921	20.0	19.4	
121 o-Xylene	106	11.725	11.725	0.000	96	684410	10.0	9.61	
122 Styrene	104	11.743	11.743	0.000	94	1125743	10.0	9.76	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
123 Bromoform	173	11.896	11.896	0.000	97	149849	10.0	9.39	
124 Isopropylbenzene	105	12.030	12.030	0.000	95	1791441	10.0	9.68	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	94	560456	10.0	9.91	
128 1,1,2,2-Tetrachloroethane	83	12.274	12.274	0.000	92	232771	10.0	10.2	
129 Bromobenzene	156	12.286	12.286	0.000	97	425616	10.0	9.60	
130 trans-1,4-Dichloro-2-butene	53	12.298	12.298	0.000	92	540862	100.0	104.8	
131 1,2,3-Trichloropropane	110	12.316	12.316	0.000	80	64358	10.0	9.60	
132 N-Propylbenzene	91	12.353	12.353	0.000	99	2092798	10.0	10.1	
133 2-Chlorotoluene	126	12.432	12.432	0.000	97	436651	10.0	9.76	
134 1,3,5-Trimethylbenzene	105	12.487	12.487	0.000	94	1520364	10.0	9.91	
135 4-Chlorotoluene	126	12.524	12.524	0.000	96	454616	10.0	9.74	
136 tert-Butylbenzene	134	12.731	12.731	0.000	92	338537	10.0	9.74	
137 Pentachloroethane	167	12.761	12.761	0.000	88	245843	10.0	9.68	
138 1,2,4-Trimethylbenzene	105	12.774	12.774	0.000	96	1570715	10.0	9.80	
139 sec-Butylbenzene	105	12.895	12.895	0.000	94	1972711	10.0	10.1	
140 1,3-Dichlorobenzene	146	12.993	12.993	0.000	98	873931	10.0	9.48	
141 4-Isopropyltoluene	119	12.999	12.999	0.000	97	1752275	10.0	10.0	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	93	646603	10.0	10.0	
143 1,4-Dichlorobenzene	146	13.066	13.066	0.000	95	837655	10.0	9.28	
144 1,2,3-Trimethylbenzene	120	13.078	13.078	0.000	98	656479	10.0	9.61	
145 Benzyl chloride	126	13.145	13.145	0.000	98	98957	10.0	10.6	
146 p-Diethylbenzene	119	13.200	13.200	0.000	92	973538	10.0	9.91	
147 n-Butylbenzene	92	13.292	13.292	0.000	96	855642	10.0	10.1	
148 1,2-Dichlorobenzene	146	13.322	13.322	0.000	99	742441	10.0	9.46	
150 1,2-Dibromo-3-Chloropropane	155	13.865	13.865	0.000	90	34090	10.0	10.2	
151 1,3,5-Trichlorobenzene	180	13.987	13.987	0.000	98	735564	10.0	9.66	
152 1,2,4-Trichlorobenzene	180	14.413	14.413	0.000	94	593127	10.0	9.49	
153 Hexachlorobutadiene	225	14.493	14.493	0.000	97	330397	10.0	9.67	
154 Naphthalene	128	14.596	14.596	0.000	96	799038	10.0	9.72	
155 1,2,3-Trichlorobenzene	180	14.737	14.737	0.000	96	448742	10.0	9.43	
156 2-Methylnaphthalene	142	15.358	15.358	0.000	91	386533	10.0	9.73	
183 Pentane	43	2.995	2.995	0.000	96	439507	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#2_826_00201

Amount Added: 20.00

Units: uL

MSV_LL_#1_826_00185

Amount Added: 20.00

Units: uL

MSV_LL_GAS826_00300

Amount Added: 20.00

Units: uL

MSV_29_826ISS_00069

Amount Added: 1.20

Units: uL

Run Reagent

Report Date: 05-Dec-2025 17:50:12

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\GD05X02.D

Injection Date: 05-Dec-2025 10:04:30

Instrument ID: 16334

Operator ID: ecr105096

Lims ID: CCVIS VSTD10

Worklist Smp#: 3

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

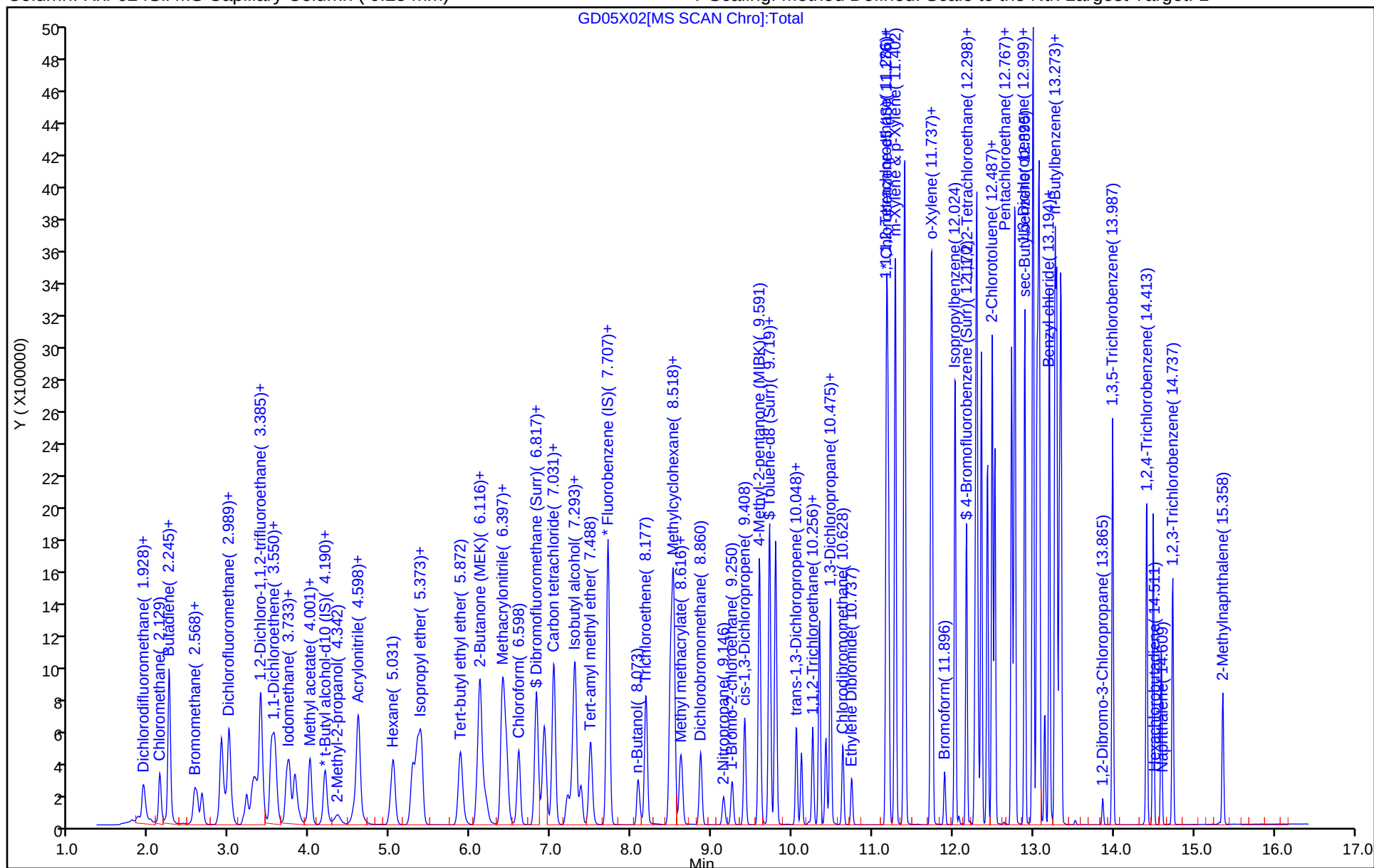
ALS Bottle#: 2

Method: MSV_16334_25mL

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



12/07/2025

Eurofins Lancaster Laboratories Environment Testing, LLC

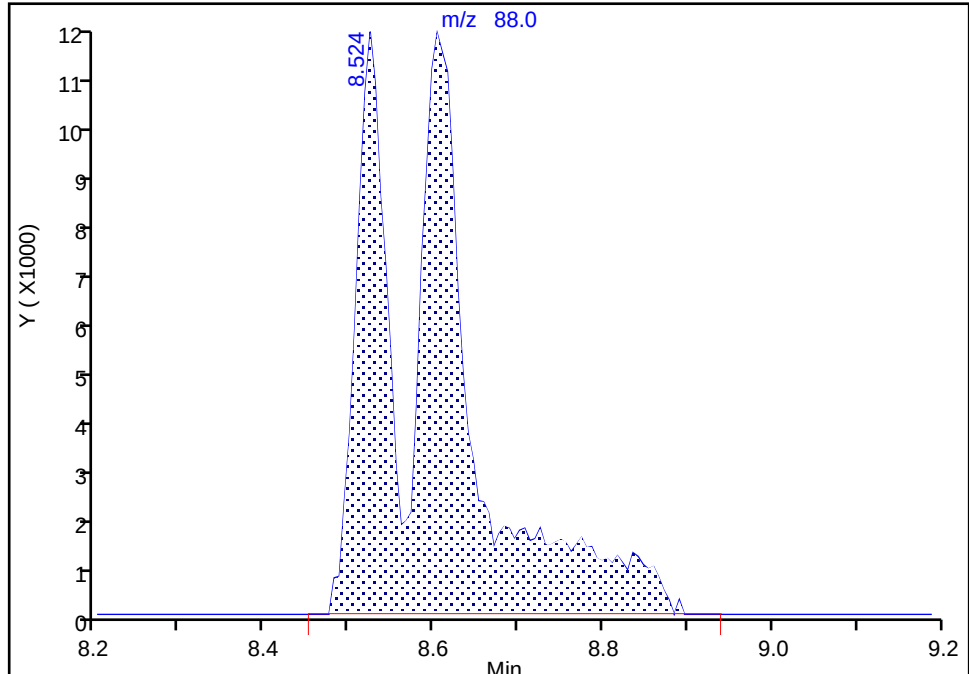
Data File: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\GD05X02.D
Injection Date: 05-Dec-2025 10:04:30 Instrument ID: 16334
Lims ID: CCVIS VSTD10
Client ID:
Operator ID: ecr105096 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

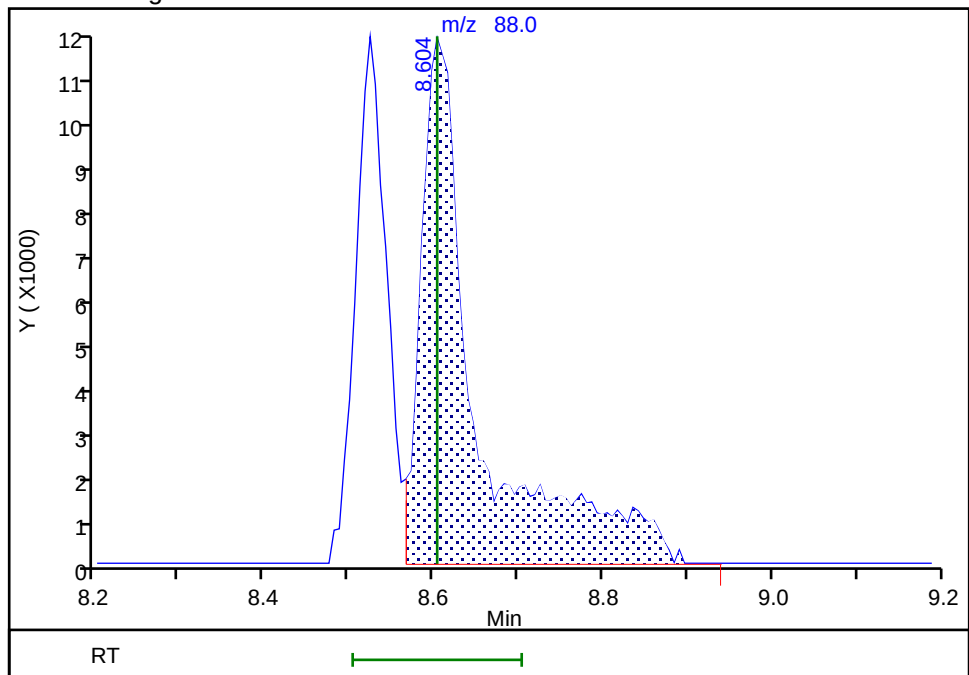
RT: 8.52
Area: 78745
Amount: 968.2826
Amount Units: ug/l

Processing Integration Results



RT: 8.60
Area: 51099
Amount: 628.3354
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 05-Dec-2025 10:37:21 -05:00:00 (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.: 410-254861-1

SDG No.:

Lab Sample ID: ICV 410-720279/23

Calibration Date: 10/27/2025 21:31

Instrument ID: 19094

Calib Start Date: 10/27/2025 18:03

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

Calib End Date: 10/27/2025 20:50

Lab File ID: HC27X22.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	0.3947	0.4300	0.1000	5.45	5.00	9.0	30.0
Chloromethane	Ave	0.4505	0.4217	0.1000	4.68	5.00	-6.0	30.0
1,3-Butadiene	Ave	0.4763	0.4366		4.58	5.00	-8.0	30.0
Vinyl chloride	Ave	0.4286	0.4301	0.1000	5.02	5.00	0.0	30.0
Bromomethane	Ave	0.2773	0.2686	0.1000	4.84	5.00	-3.0	30.0
Chloroethane	Ave	0.2279	0.2208	0.1000	4.84	5.00	-3.0	30.0
Dichlorofluoromethane	Ave	0.6290	0.5873		4.67	5.00	-7.0	30.0
Trichlorofluoromethane	Ave	0.5417	0.4047	0.1000	3.74	5.00	-25.0	30.0
Ethyl ether	Ave	0.1545	0.1531		4.92	4.96	-1.0	30.0
Freon 123a	Ave	0.3629	0.3523		4.85	5.00	-3.0	30.0
Acrolein	Ave	3.063	2.769		33.1	36.6	-10.0	30.0
1,1-Dichloroethene	Ave	0.2425	0.2663	0.1000	5.49	5.00	10.0	30.0
Acetone	Ave	3.618	3.132	0.1000	54.1	62.5	-13.0	30.0
Freon 113	Ave	0.2502	0.2612	0.1000	5.22	5.00	4.0	30.0
Methyl iodide	Ave	0.4438	0.4426		4.99	5.00	0.0	30.0
Ethyl bromide	Ave	0.2220	0.2248		5.07	5.01	1.0	30.0
Carbon disulfide	Ave	0.6900	0.7152	0.1000	5.18	5.00	4.0	30.0
Methyl acetate	Ave	6.931	6.566	0.1000	4.74	5.00	-5.0	30.0
Allyl chloride	Ave	0.4221	0.4148		4.91	5.00	-2.0	30.0
Methylene Chloride	Ave	0.2445	0.2536	0.1000	5.19	5.00	4.0	30.0
t-Butyl alcohol	Ave	0.8616	0.9385		54.5	50.0	9.0	30.0
Acrylonitrile	Lin		4.015		20.1	25.0	-19.0	30.0
Methyl tert-butyl ether	Ave	0.5376	0.5260	0.1000	4.89	5.00	-2.0	30.0
trans-1,2-Dichloroethene	Ave	0.2677	0.2811	0.1000	5.25	5.00	5.0	30.0
n-Hexane	Ave	0.3809	0.3890		5.11	5.00	2.0	30.0
1,1-Dichloroethane	Ave	0.4984	0.5252	0.2000	5.27	5.00	5.0	30.0
di-Isopropyl ether	Ave	0.8001	0.7982		4.99	5.00	0.0	30.0
2-Chloro-1,3-butadiene	Ave	0.4410	0.4402		4.99	5.00	0.0	30.0
Ethyl t-butyl ether	Ave	0.7217	0.7253		5.02	5.00	0.0	30.0
2-Butanone (MEK)	Lin1		5.242	0.1000	51.9	62.5	-17.0	30.0
cis-1,2-Dichloroethene	Ave	0.2835	0.2945	0.1000	5.19	5.00	4.0	30.0
2,2-Dichloropropane	Ave	0.4462	0.4431		4.97	5.00	-1.0	30.0
Propionitrile	Qua		1.126		37.1	37.5	-1.0	30.0
Methacrylonitrile	Ave	6.535	6.085		34.9	37.5	-7.0	30.0
Bromochloromethane	Ave	0.1071	0.1107		5.16	5.00	3.0	30.0
Tetrahydrofuran	Ave	1.826	1.671		22.9	25.0	-9.0	30.0
Chloroform	Ave	0.4861	0.4910	0.2000	5.05	5.00	1.0	30.0
1,1,1-Trichloroethane	Ave	0.4591	0.4698	0.1000	5.12	5.00	2.0	30.0
Cyclohexane	Ave	0.5134	0.5096	0.1000	4.96	5.00	-1.0	30.0
1,1-Dichloropropene	Ave	0.4009	0.4071		5.08	5.00	2.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.: _____

Lab Sample ID: ICV 410-720279/23

Calibration Date: 10/27/2025 21:31

Instrument ID: 19094

Calib Start Date: 10/27/2025 18:03

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

Calib End Date: 10/27/2025 20:50

Lab File ID: HC27X22.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	0.3857	0.4002	0.1000	5.19	5.00	4.0	30.0
Isobutyl alcohol	Ave	0.3694	0.3109		105	125	-16.0	30.0
Benzene	Ave	1.162	1.138	0.5000	4.90	5.00	-2.0	30.0
1,2-Dichloroethane	Ave	0.2585	0.2586	0.1000	5.00	5.00	0.0	30.0
t-Amyl methyl ether	Ave	0.6034	0.6103		5.06	5.00	1.0	30.0
n-Heptane	Ave	0.3889	0.3803		4.89	5.00	-2.0	30.0
n-Butanol	Lin		0.2228		252	250	1.0	30.0
Trichloroethene	Ave	0.3048	0.3012	0.2000	4.94	5.00	-1.0	30.0
Methylcyclohexane	Ave	0.5199	0.5088	0.1000	4.89	5.00	-2.0	30.0
1,2-Dichloropropane	Ave	0.2729	0.2763	0.1000	5.06	5.00	1.0	30.0
Methyl methacrylate	Ave	13.30	12.60		4.73	5.00	-5.0	30.0
1,4-Dioxane	Ave	0.0362	0.0800	0.0050	277	125	121.0*	30.0
Dibromomethane	Ave	0.1071	0.1094		5.11	5.00	2.0	30.0
Bromodichloromethane	Ave	0.3128	0.3178	0.2000	5.08	5.00	2.0	30.0
2-Nitropropane	Ave	4.546	3.638		4.00	5.00	-20.0	30.0
1-Bromo-2-chloroethane	Ave	0.2307	0.2333		5.06	5.00	1.0	30.0
cis-1,3-Dichloropropene	Ave	0.3603	0.3551	0.2000	4.93	5.00	-1.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	17.76	15.98	0.1000	56.2	62.5	-10.0	30.0
Toluene	Ave	1.054	1.047	0.4000	4.96	5.00	-1.0	30.0
trans-1,3-Dichloropropene	Ave	0.3849	0.3961	0.1000	5.15	5.00	3.0	30.0
Ethyl methacrylate	Ave	0.2743	0.2932		5.34	5.00	7.0	30.0
1,1,2-Trichloroethane	Ave	0.2187	0.2170	0.1000	4.96	5.00	-1.0	30.0
Tetrachloroethene	Ave	0.4766	0.4740	0.2000	4.97	5.00	-1.0	30.0
1,3-Dichloropropane	Ave	0.3825	0.3867		5.06	5.00	1.0	30.0
2-Hexanone	Ave	11.30	10.59	0.1000	58.6	62.5	-6.0	30.0
Dibromochloromethane	Ave	0.2807	0.2728		4.86	5.00	-3.0	30.0
1,2-Dibromoethane (EDB)	Ave	0.1979	0.2014	0.1000	5.09	5.00	2.0	30.0
1-Chlorohexane	Ave	0.6109	0.5819		4.76	5.00	-5.0	30.0
Chlorobenzene	Ave	1.082	1.086	0.5000	5.02	5.00	0.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3664	0.3684		5.03	5.00	1.0	30.0
Ethylbenzene	Ave	2.054	2.076	0.1000	5.05	5.00	1.0	30.0
m&p-Xylene	Ave	0.8010	0.7908	0.1000	9.87	10.0	-1.0	30.0
o-Xylene	Ave	0.7546	0.7536	0.3000	4.99	5.00	0.0	30.0
Styrene	Ave	1.182	1.212	0.3000	5.13	5.00	3.0	30.0
Bromoform	Ave	0.1455	0.1492	0.1000	5.13	5.00	3.0	30.0
Isopropylbenzene	Ave	2.062	2.095	0.1000	5.08	5.00	2.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4641	0.4555	0.3000	4.91	5.00	-2.0	30.0
Bromobenzene	Ave	0.7558	0.7517		4.97	5.00	-1.0	30.0
trans-1,4-Dichloro-2-butene	Ave	6.137	5.409		22.0	25.0	-12.0	30.0
1,2,3-Trichloropropane	Ave	0.1236	0.1172		4.74	5.00	-5.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab Sample ID: ICV 410-720279/23

Calibration Date: 10/27/2025 21:31

Instrument ID: 19094

Calib Start Date: 10/27/2025 18:03

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

Calib End Date: 10/27/2025 20:50

Lab File ID: HC27X22.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
N-Propylbenzene	Ave	4.395	4.387		4.99	5.00	0.0	30.0
2-Chlorotoluene	Ave	0.8318	0.8183		4.92	5.00	-2.0	30.0
1,3,5-Trimethylbenzene	Ave	3.122	3.095		4.96	5.00	-1.0	30.0
4-Chlorotoluene	Ave	0.8483	0.8189		4.83	5.00	-3.0	30.0
tert-Butylbenzene	Ave	0.6704	0.6643		4.95	5.00	-1.0	30.0
Pentachloroethane	Ave	0.4538	0.4648		5.12	5.00	2.0	30.0
1,2,4-Trimethylbenzene	Ave	3.179	3.083		4.85	5.00	-3.0	30.0
sec-Butylbenzene	Ave	3.890	3.874		4.98	5.00	0.0	30.0
1,3-Dichlorobenzene	Ave	1.536	1.547	0.6000	5.04	5.00	1.0	30.0
p-Isopropyltoluene	Ave	3.363	3.272		4.86	5.00	-3.0	30.0
1,4-Dichlorobenzene	Ave	1.576	1.556	0.5000	4.94	5.00	-1.0	30.0
1,2,3-Trimethylbenzene	Ave	1.311	1.306		4.98	5.00	0.0	30.0
Benzyl chloride	Ave	0.1793	0.1833		5.11	5.00	2.0	30.0
n-Butylbenzene	Ave	1.613	1.598		4.95	5.00	-1.0	30.0
1,2-Dichlorobenzene	Ave	1.355	1.365	0.4000	5.04	5.00	1.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.0566	0.0583	0.0500	5.15	5.00	3.0	30.0
1,3,5-Trichlorobenzene	Ave	1.083	1.087		5.02	5.00	0.0	30.0
1,2,4-Trichlorobenzene	Ave	0.8344	0.8666	0.2000	5.19	5.00	4.0	30.0
Hexachlorobutadiene	Ave	0.3651	0.3720		5.09	5.00	2.0	30.0
Naphthalene	Ave	1.387	1.387		5.00	5.00	0.0	30.0
1,2,3-Trichlorobenzene	Ave	0.6808	0.6786		4.98	5.00	0.0	30.0
Dibromofluoromethane (Surr)	Ave	0.2289	0.2313		10.1	10.0	1.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0422	0.0426		10.1	10.0	1.0	30.0
Toluene-d8 (Surr)	Ave	1.410	1.411		10.0	10.0	0.0	30.0
4-Bromofluorobenzene (Surr)	Ave	0.5072	0.5129		10.1	10.0	1.0	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X22.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 27-Oct-2025 21:31:30 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0164600-023
 Misc. Info.: ICV
 Operator ID: ecr105096 Instrument ID: 19094
 Sublist:
 Method: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 29-Oct-2025 10:19:59 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1719

First Level Reviewer: JS6E

Date: 28-Oct-2025 03:42:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.824	1.812	0.012	99	425139	5.00	5.45	
5 Chloromethane	50	2.007	1.995	0.012	99	416937	5.00	4.68	
6 Butadiene	39	2.093	2.081	0.012	92	431710	5.00	4.58	
7 Vinyl chloride	62	2.111	2.105	0.006	98	425218	5.00	5.02	
9 Bromomethane	94	2.422	2.410	0.012	91	265619	5.00	4.84	
10 Chloroethane	64	2.459	2.453	0.005	100	218271	5.00	4.84	
11 Dichlorofluoromethane	67	2.672	2.660	0.012	97	580662	5.00	4.67	
12 Trichlorofluoromethane	101	2.769	2.757	0.012	99	400122	5.00	3.74	
13 Ethyl ether	59	2.946	2.940	0.006	91	150272	4.96	4.92	
14 1,2-Dichloro-1,1,2-trifluoroetha	67	3.025	3.013	0.012	93	348366	5.00	4.85	
16 Acrolein	56	3.111	3.087	0.024	99	147625	36.6	33.1	
17 1,1-Dichloroethene	96	3.227	3.221	0.006	97	263306	5.00	5.49	
19 Acetone	43	3.263	3.251	0.012	77	285182	62.5	54.1	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.269	3.257	0.012	92	258266	5.00	5.22	
20 Iodomethane	142	3.410	3.398	0.012	99	437602	5.00	4.99	
22 Ethyl bromide	108	3.428	3.422	0.006	98	222616	5.01	5.07	
23 Carbon disulfide	76	3.513	3.501	0.012	99	707192	5.00	5.18	
24 Methyl acetate	43	3.647	3.629	0.018	24	47824	5.00	4.74	M
25 3-Chloro-1-propene	41	3.653	3.648	0.005	91	410093	5.00	4.91	
27 Methylene Chloride	84	3.818	3.812	0.006	93	250743	5.00	5.19	
* 28 t-Butyl alcohol-d10 (IS)	65	3.836	3.830	0.006	97	72834	50.0	50.0	
29 2-Methyl-2-propanol	59	3.946	3.934	0.012	99	68357	50.0	54.5	M
30 Acrylonitrile	53	4.153	4.135	0.018	99	146217	25.0	20.1	
31 Methyl tert-butyl ether	73	4.190	4.178	0.012	96	520123	5.00	4.89	
33 trans-1,2-Dichloroethene	96	4.208	4.196	0.012	97	277971	5.00	5.25	
34 Hexane	57	4.629	4.605	0.024	93	384639	5.00	5.11	
35 1,1-Dichloroethane	63	4.854	4.848	0.006	96	519257	5.00	5.27	
37 Isopropyl ether	45	4.909	4.909	0.000	93	789222	5.00	4.99	
38 2-Chloro-1,3-butadiene	53	4.970	4.958	0.012	92	435206	5.00	4.99	
39 Tert-butyl ethyl ether	59	5.458	5.452	0.006	99	717115	5.00	5.02	

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	5.665	5.653	0.012	100	477253	62.5	51.9	
42 cis-1,2-Dichloroethene	96	5.702	5.696	0.006	85	291189	5.00	5.19	
43 2,2-Dichloropropane	77	5.714	5.708	0.006	91	438109	5.00	4.97	
44 Propionitrile	54	5.787	5.739	0.048	97	61500	37.5	37.1	M
46 Methacrylonitrile	67	5.970	5.958	0.012	92	332401	37.5	34.9	
47 Chlorobromomethane	128	6.037	6.031	0.006	95	109425	5.00	5.16	
48 Tetrahydrofuran	71	6.049	6.043	0.006	79	60842	25.0	22.9	
50 Chloroform	83	6.189	6.190	-0.001	94	485498	5.00	5.05	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.409	0.000	93	457350	10.0	10.1	
52 1,1,1-Trichloroethane	97	6.421	6.421	0.000	98	464555	5.00	5.12	
54 Cyclohexane	56	6.531	6.525	0.006	91	503842	5.00	4.96	
55 1,1-Dichloropropene	75	6.647	6.635	0.012	94	402546	5.00	5.08	
56 Carbon tetrachloride	117	6.647	6.641	0.006	95	395723	5.00	5.19	
57 Isobutyl alcohol	41	6.811	6.793	0.018	95	56608	125.0	105.2	M
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.866	0.006	99	84196	10.0	10.1	
59 Benzene	78	6.903	6.897	0.006	97	1125130	5.00	4.90	
60 1,2-Dichloroethane	62	6.976	6.970	0.006	97	255683	5.00	5.00	
62 Tert-amyl methyl ether	73	7.104	7.104	0.000	98	603430	5.00	5.06	
* 64 Fluorobenzene (IS)	96	7.317	7.318	-0.001	98	1977499	10.0	10.0	
65 n-Heptane	43	7.342	7.342	0.000	93	376038	5.00	4.89	
66 n-Butanol	56	7.726	7.702	0.024	88	81132	250.0	252.4	
67 Trichloroethene	95	7.811	7.805	0.006	98	297773	5.00	4.94	
69 Methylcyclohexane	83	8.128	8.122	0.006	92	503108	5.00	4.89	
70 1,2-Dichloropropane	63	8.146	8.141	0.005	96	273181	5.00	5.06	
71 2-ethoxy-2-methyl butane	87	8.165	8.165	0.000	92	407573	5.00	4.96	
72 Methyl methacrylate	69	8.250	8.244	0.006	92	91748	5.00	4.73	M
73 1,4-Dioxane	88	8.256	8.250	0.006	29	14569	125.0	276.6	a
74 Dibromomethane	93	8.262	8.256	0.006	97	108173	5.00	5.11	
76 Dichlorobromomethane	83	8.500	8.500	0.000	99	314222	5.00	5.08	
77 2-Nitropropane	41	8.774	8.762	0.012	97	26497	5.00	4.00	
79 1-Bromo-2-chloroethane	63	8.902	8.896	0.006	99	230681	5.00	5.06	
80 cis-1,3-Dichloropropene	75	9.073	9.067	0.006	95	351140	5.00	4.93	
81 4-Methyl-2-pentanone (MIBK)	43	9.256	9.256	0.000	97	1454489	62.5	56.2	
\$ 82 Toluene-d8 (Surr)	98	9.402	9.396	0.006	94	1981058	10.0	10.0	
84 Toluene	92	9.482	9.482	0.000	98	734785	5.00	4.96	
85 trans-1,3-Dichloropropene	75	9.762	9.762	0.000	94	278077	5.00	5.15	
86 Ethyl methacrylate	69	9.835	9.835	0.000	89	205872	5.00	5.34	
87 1,1,2-Trichloroethane	97	9.975	9.969	0.006	91	152390	5.00	4.96	
107 Tetrachloroethene	166	10.067	10.061	0.006	97	332806	5.00	4.97	
108 1,3-Dichloropropane	76	10.140	10.140	0.000	91	271545	5.00	5.06	
109 2-Hexanone	43	10.201	10.195	0.006	96	964016	62.5	58.6	
111 Chlorodibromomethane	129	10.365	10.366	-0.001	90	191553	5.00	4.86	
112 Ethylene Dibromide	107	10.481	10.475	0.006	98	141432	5.00	5.09	
* 113 Chlorobenzene-d5 (IS)	117	10.926	10.927	-0.001	87	1404248	10.0	10.0	
114 1-Chlorohexane	91	10.939	10.939	0.000	98	408560	5.00	4.76	
115 Chlorobenzene	112	10.951	10.951	0.000	94	762424	5.00	5.02	
116 1,1,1,2-Tetrachloroethane	131	11.036	11.036	0.000	96	258651	5.00	5.03	
117 Ethylbenzene	91	11.042	11.042	0.000	99	1457875	5.00	5.05	
118 m-Xylene & p-Xylene	106	11.164	11.164	0.000	100	1110435	10.0	9.87	
120 o-Xylene	106	11.499	11.500	-0.001	97	529145	5.00	4.99	
121 Styrene	104	11.518	11.512	0.006	95	851222	5.00	5.13	
122 Bromoform	173	11.670	11.670	0.000	96	104782	5.00	5.13	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
123 Isopropylbenzene	105	11.804	11.804	0.000	96	1470804	5.00	5.08	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	88	720307	10.0	10.1	
127 1,1,2,2-Tetrachloroethane	83	12.054	12.054	0.000	94	179866	5.00	4.91	
128 Bromobenzene	156	12.066	12.067	-0.001	97	296856	5.00	4.97	
129 trans-1,4-Dichloro-2-butene	53	12.079	12.079	0.000	94	196993	25.0	22.0	
130 1,2,3-Trichloropropane	110	12.097	12.097	0.000	81	46301	5.00	4.74	
131 N-Propylbenzene	91	12.140	12.140	0.000	99	1732406	5.00	4.99	
132 2-Chlorotoluene	126	12.213	12.213	0.000	96	323137	5.00	4.92	
133 1,3,5-Trimethylbenzene	105	12.280	12.280	0.000	93	1222082	5.00	4.96	
134 4-Chlorotoluene	126	12.310	12.304	0.006	98	323371	5.00	4.83	
135 tert-Butylbenzene	134	12.524	12.524	0.000	93	262342	5.00	4.95	
136 Pentachloroethane	167	12.554	12.548	0.006	91	183553	5.00	5.12	
137 1,2,4-Trimethylbenzene	105	12.566	12.566	0.000	97	1217508	5.00	4.85	
138 sec-Butylbenzene	105	12.688	12.688	0.000	94	1529720	5.00	4.98	
139 1,3-Dichlorobenzene	146	12.786	12.786	0.000	98	611098	5.00	5.04	
140 4-Isopropyltoluene	119	12.798	12.798	0.000	97	1291926	5.00	4.86	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	95	789793	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.859	12.859	0.000	93	614538	5.00	4.94	
143 1,2,3-Trimethylbenzene	120	12.871	12.871	0.000	99	515805	5.00	4.98	
144 Benzyl chloride	126	12.938	12.932	0.006	99	72369	5.00	5.11	
145 p-Diethylbenzene	119	13.072	13.072	0.000	93	776075	5.00	4.93	
146 n-Butylbenzene	92	13.091	13.091	0.000	98	631028	5.00	4.95	
147 1,2-Dichlorobenzene	146	13.115	13.115	0.000	98	539089	5.00	5.04	
148 1,2-Dibromo-3-Chloropropane	155	13.664	13.664	0.000	83	23018	5.00	5.15	
150 1,3,5-Trichlorobenzene	180	13.792	13.792	0.000	98	429434	5.00	5.02	
151 1,2,4-Trichlorobenzene	180	14.212	14.213	0.000	94	342214	5.00	5.19	
152 Hexachlorobutadiene	225	14.298	14.298	0.000	97	146911	5.00	5.09	
153 Naphthalene	128	14.389	14.389	0.000	97	547917	5.00	5.00	
154 1,2,3-Trichlorobenzene	180	14.529	14.530	-0.001	95	267967	5.00	4.98	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LCS_VOC#1_00246	Amount Added: 12.50	Units: uL	
MSV_LCS_Penta_00062	Amount Added: 12.50	Units: uL	
MSV_QC_Gas826_00285	Amount Added: 12.50	Units: uL	
MSV_LCS_EE_00011	Amount Added: 12.50	Units: uL	
LCS_ETBR_00010	Amount Added: 12.50	Units: uL	
MSV_LCS_ACROL_00251	Amount Added: 12.50	Units: uL	
MSV_LLcentISS_00019	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 29-Oct-2025 10:20:42

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X22.D

Injection Date: 27-Oct-2025 21:31:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: ICV

Worklist Smp#: 23

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

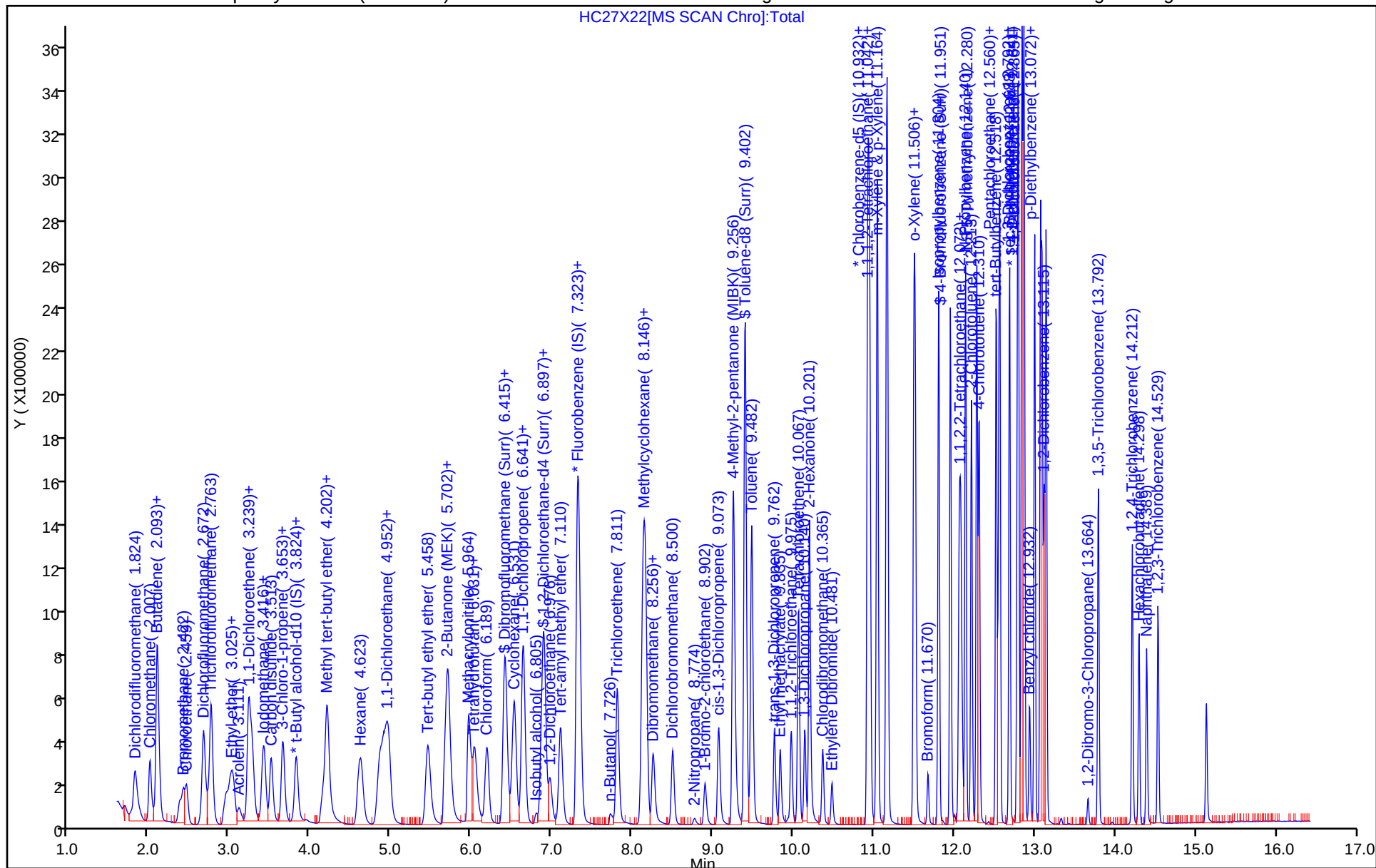
ALS Bottle#: 22

Method: MSV_19094_25mL

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

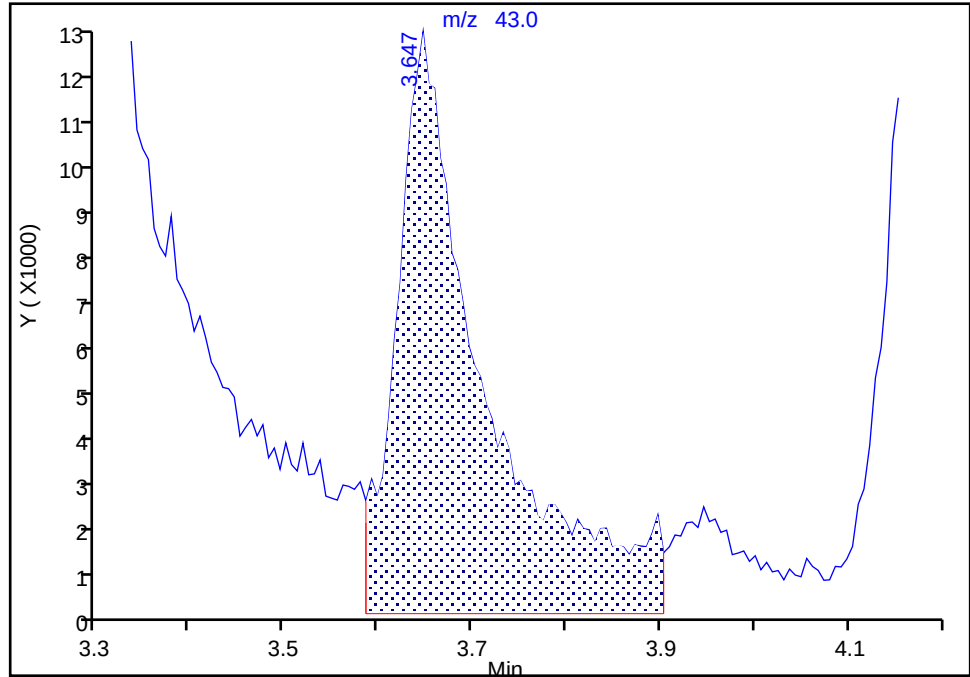
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Injection Date: 27-Oct-2025 21:31:30 Instrument ID: 19094
Lims ID: ICV
Client ID:
Operator ID: ecr105096 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

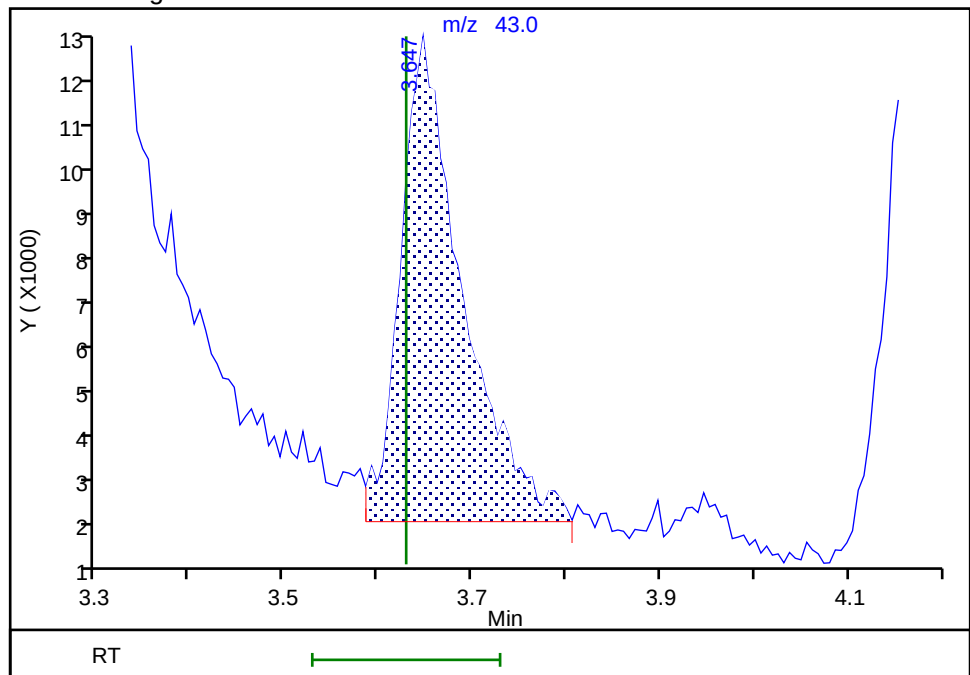
RT: 3.65
Area: 78868
Amount: 6.927731
Amount Units: ug/l

Processing Integration Results



RT: 3.65
Area: 47824
Amount: 4.736476
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 03:40:03 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

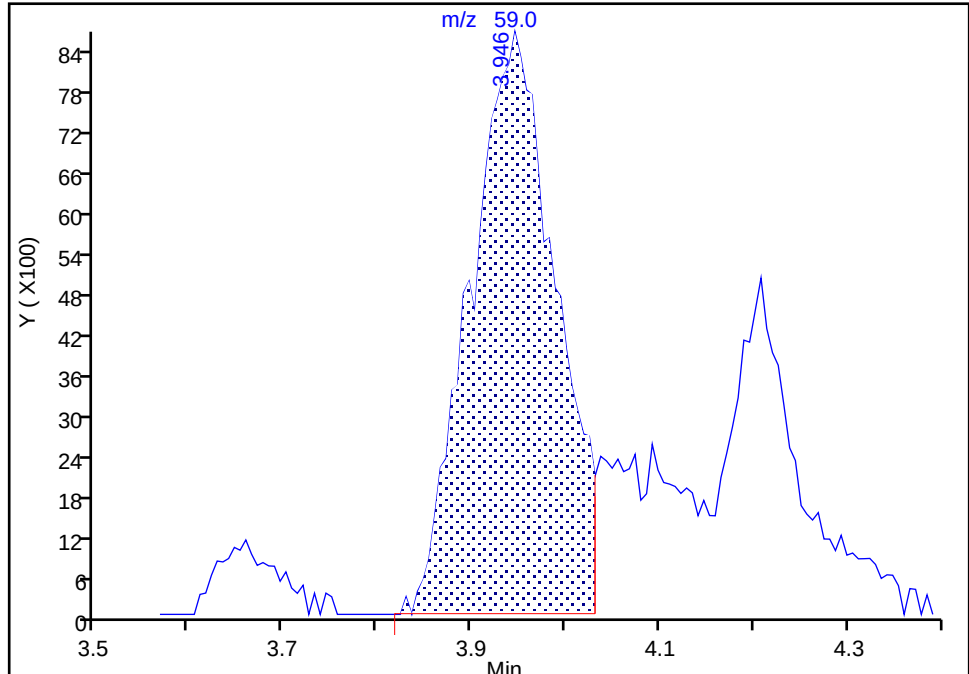
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X22.D
Injection Date: 27-Oct-2025 21:31:30 Instrument ID: 19094
Lims ID: ICV
Client ID:
Operator ID: ecr105096 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

29 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

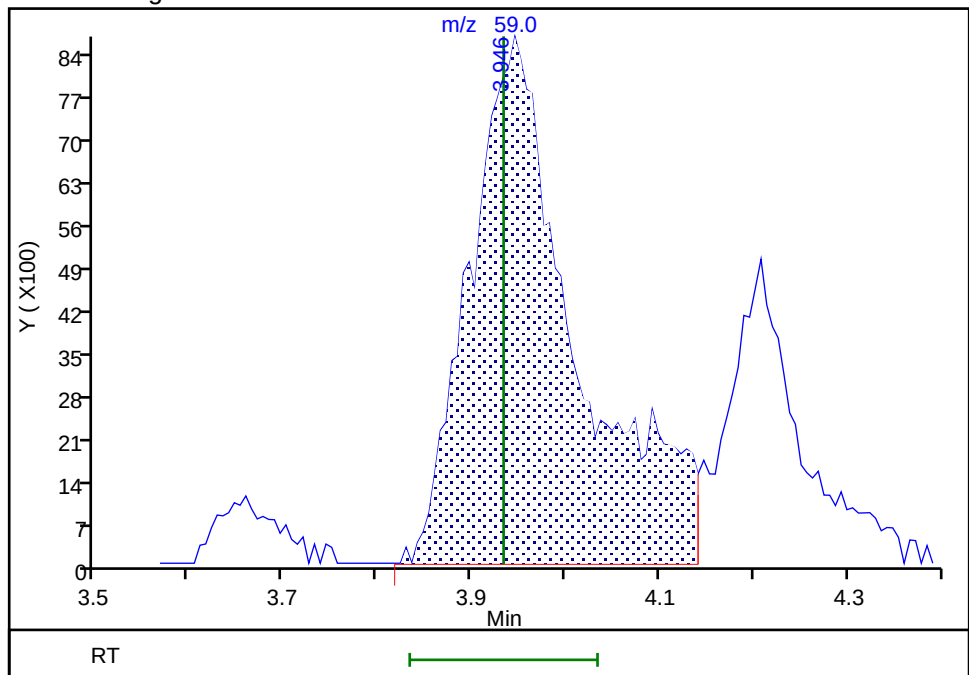
RT: 3.95
Area: 54933
Amount: 43.767165
Amount Units: ug/l

Processing Integration Results



RT: 3.95
Area: 68357
Amount: 54.462565
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 03:40:15 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

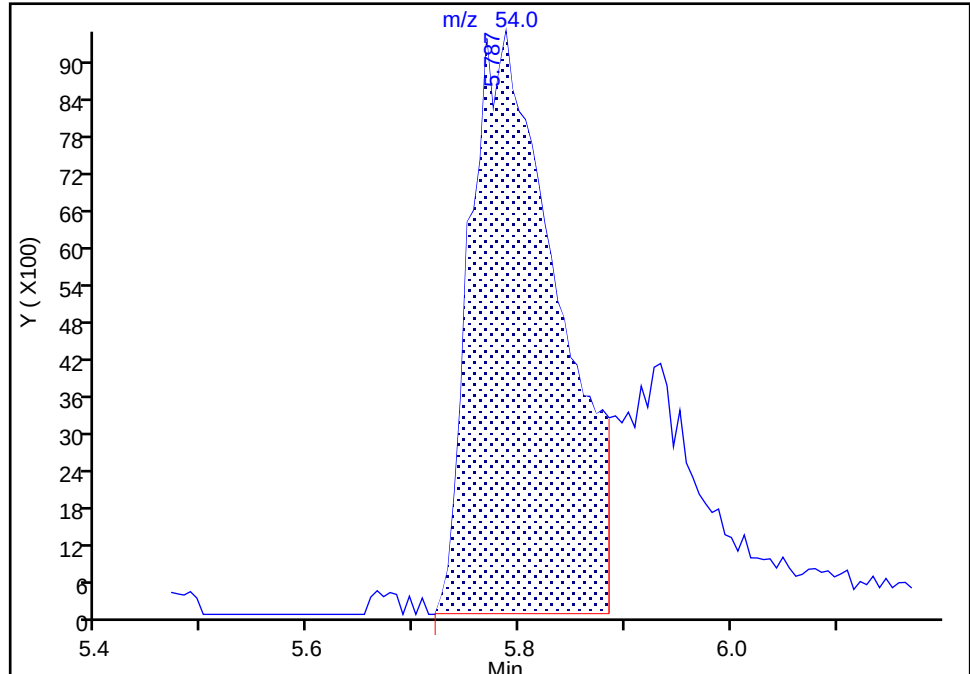
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Injection Date: 27-Oct-2025 21:31:30 Instrument ID: 19094
Lims ID: ICV
Client ID:
Operator ID: ecr105096 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

44 Propionitrile, CAS: 107-12-0

Signal: 1

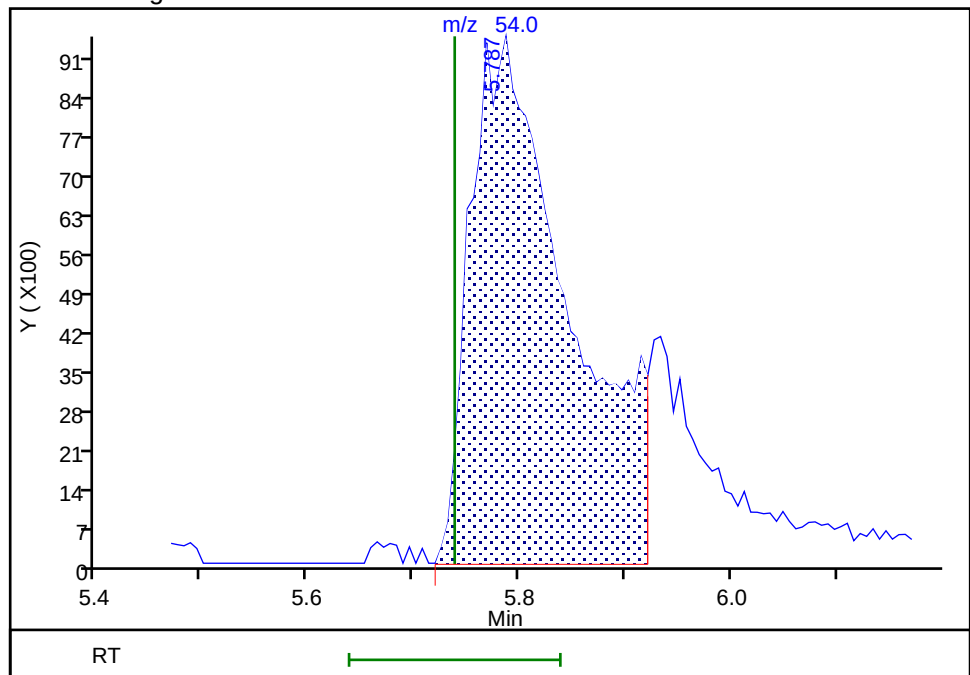
RT: 5.79
Area: 54320
Amount: 33.138541
Amount Units: ug/l

Processing Integration Results



RT: 5.79
Area: 61500
Amount: 37.051241
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 03:40:29 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

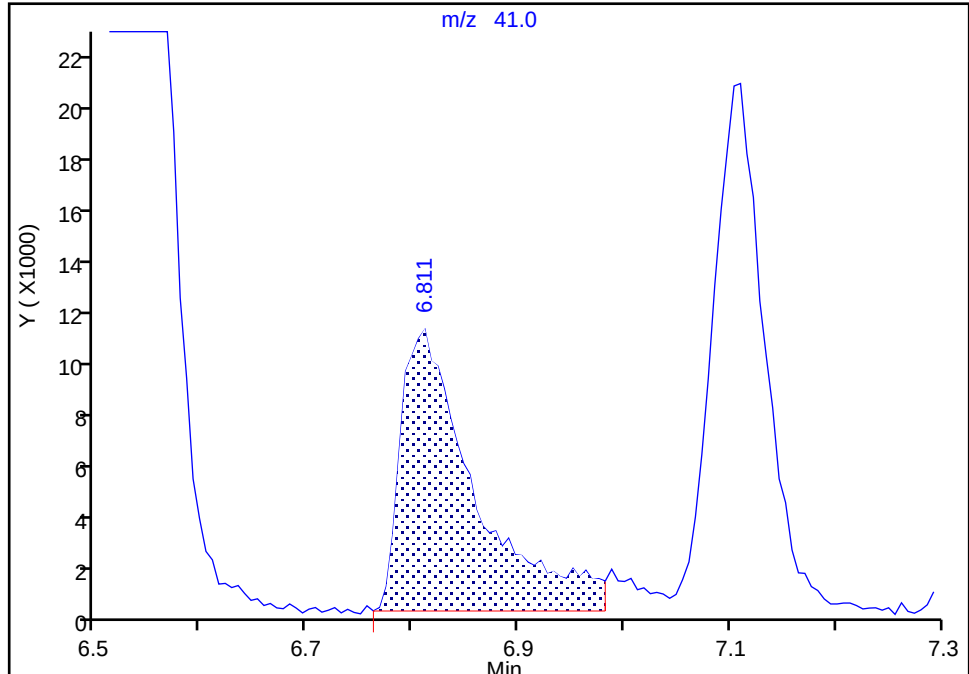
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Injection Date: 27-Oct-2025 21:31:30 Instrument ID: 19094
Lims ID: ICV
Client ID:
Operator ID: ecr105096 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

57 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

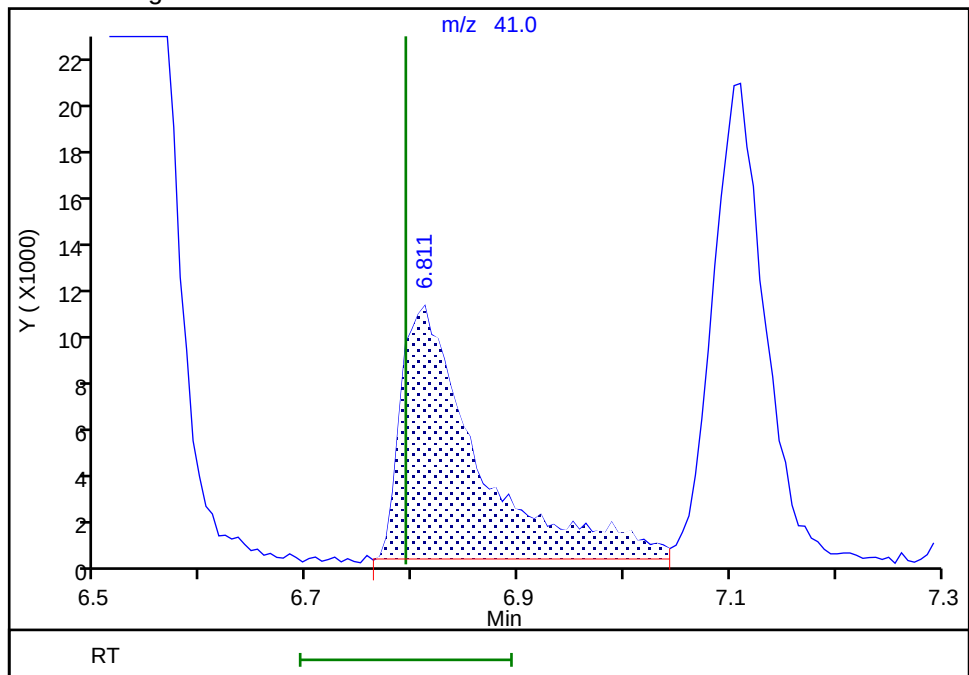
RT: 6.81
Area: 53171
Amount: 98.801771
Amount Units: ug/l

Processing Integration Results



RT: 6.81
Area: 56608
Amount: 105.1884
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 03:40:43 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

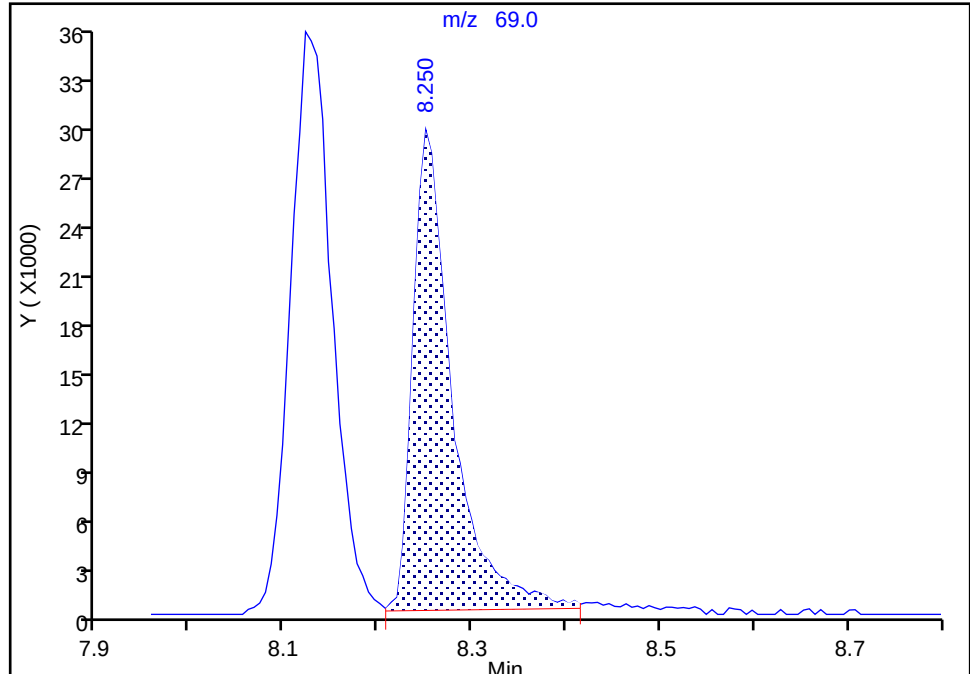
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X22.D
Injection Date: 27-Oct-2025 21:31:30 Instrument ID: 19094
Lims ID: ICV
Client ID:
Operator ID: ecr105096 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 Methyl methacrylate, CAS: 80-62-6

Signal: 1

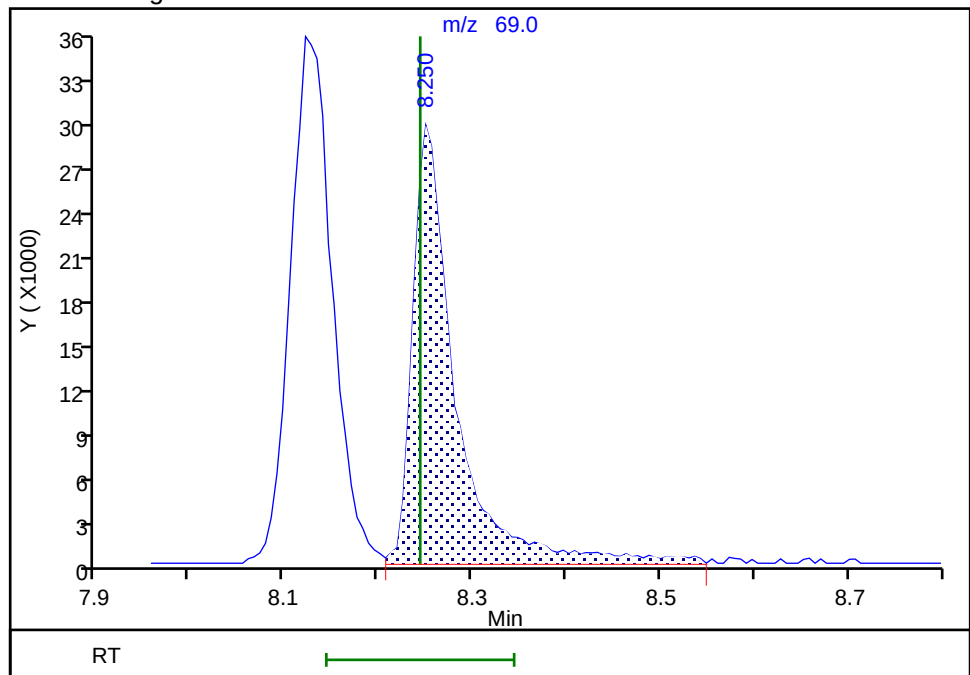
RT: 8.25
Area: 84367
Amount: 3.813265
Amount Units: ug/l

Processing Integration Results



RT: 8.25
Area: 91748
Amount: 4.733997
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 04:26:20 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

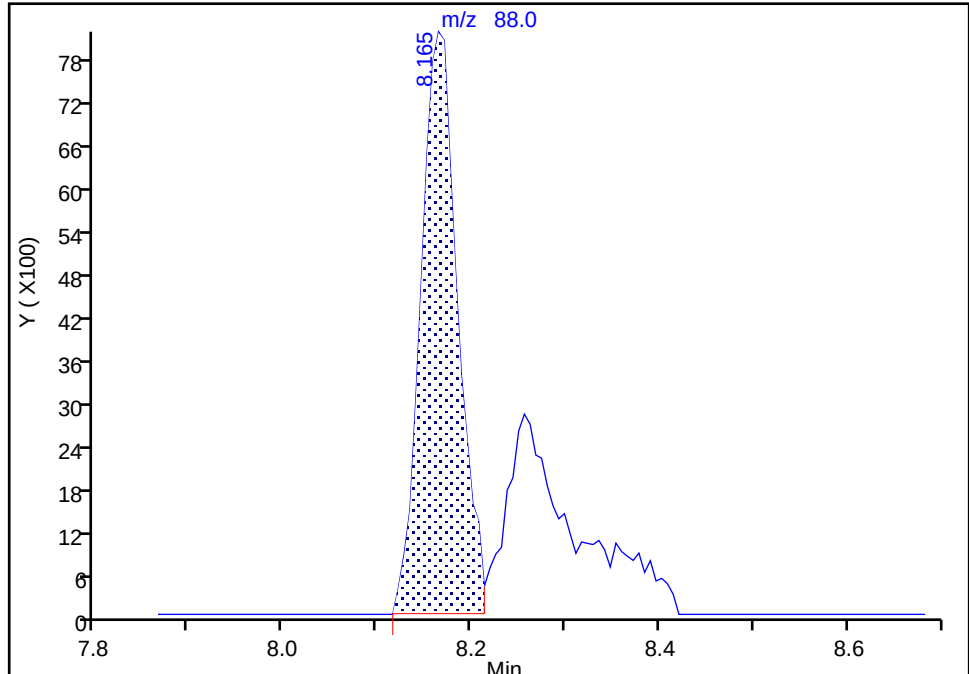
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Injection Date: 27-Oct-2025 21:31:30 Instrument ID: 19094
Lims ID: ICV
Client ID:
Operator ID: ecr105096 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

73 1,4-Dioxane, CAS: 123-91-1

Signal: 1

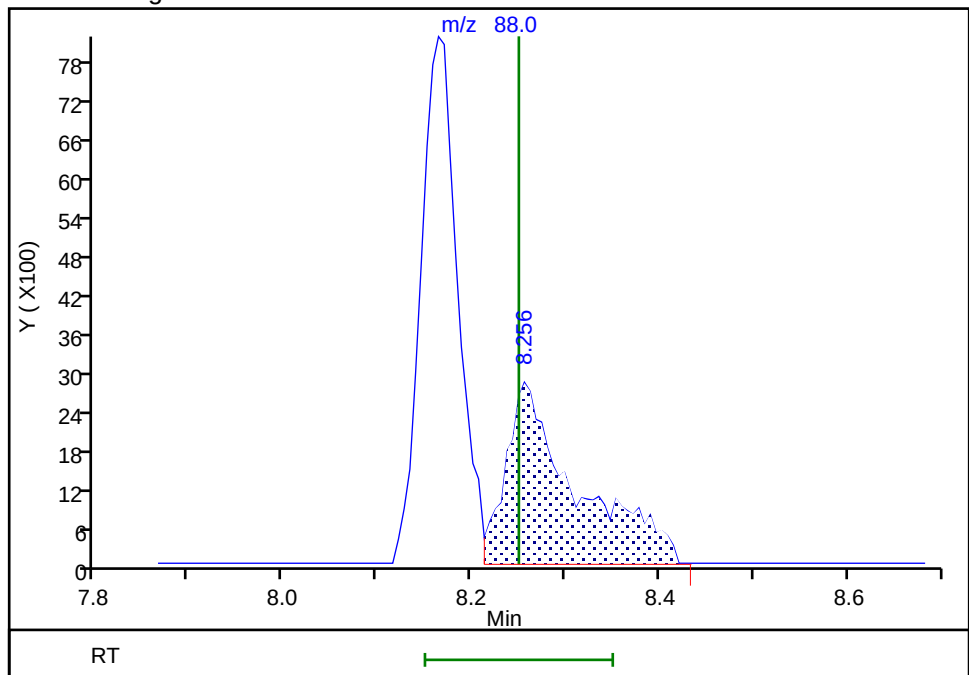
RT: 8.16
Area: 22226
Amount: 421.9983
Amount Units: ug/l

Processing Integration Results



RT: 8.26
Area: 14569
Amount: 276.6172
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 28-Oct-2025 03:40:51 -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
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab Sample ID: CCVIS 410-738637/3

Calibration Date: 12/03/2025 22:16

Instrument ID: 19094

Calib Start Date: 10/27/2025 18:03

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

Calib End Date: 10/27/2025 20:50

Lab File ID: HD03X52.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	0.3947	0.4481	0.1000	11.4	10.0	14.0	20.0
Chloromethane	Ave	0.4505	0.4540	0.1000	10.1	10.0	1.0	20.0
1,3-Butadiene	Ave	0.4763	0.5377		11.3	10.0	13.0	20.0
Vinyl chloride	Ave	0.4286	0.3925	0.1000	9.16	10.0	-8.0	20.0
Bromomethane	Ave	0.2773	0.2649	0.1000	9.55	10.0	-4.0	20.0
Chloroethane	Ave	0.2279	0.2310	0.1000	10.1	10.0	1.0	20.0
Dichlorofluoromethane	Ave	0.6290	0.5900		9.38	10.0	-6.0	20.0
Trichlorofluoromethane	Ave	0.5417	0.5134	0.1000	9.48	10.0	-5.0	20.0
Ethyl ether	Ave	0.1545	0.1633		10.6	10.0	6.0	20.0
Freon 123a	Ave	0.3629	0.3539		9.75	10.0	-2.0	20.0
Acrolein	Ave	3.063	0.4843		77.1	488	-84.0*	20.0
1,1-Dichloroethene	Ave	0.2425	0.1995	0.1000	8.23	10.0	-18.0	20.0
Acetone	Ave	3.618	3.095	0.1000	85.5	100	-14.0	20.0
Freon 113	Ave	0.2502	0.2191	0.1000	8.76	10.0	-12.0	20.0
Methyl iodide	Ave	0.4438	0.3736		8.42	10.0	-16.0	20.0
Ethyl bromide	Ave	0.2220	0.2250		10.1	10.0	1.0	20.0
Carbon disulfide	Ave	0.6900	0.5752	0.1000	8.34	10.0	-17.0	20.0
Methyl acetate	Ave	6.931	8.704	0.1000	12.6	10.0	26.0*	20.0
Allyl chloride	Ave	0.4221	0.3748		8.88	10.0	-11.0	20.0
Methylene Chloride	Ave	0.2445	0.2168	0.1000	8.87	10.0	-11.0	20.0
t-Butyl alcohol	Ave	0.8616	0.7564		176	200	-12.0	20.0
Acrylonitrile	Lin		3.824		19.3	25.0	-23.0*	20.0
Methyl tert-butyl ether	Ave	0.5376	0.4693	0.1000	8.73	10.0	-13.0	20.0
trans-1,2-Dichloroethene	Ave	0.2677	0.2335	0.1000	8.72	10.0	-13.0	20.0
n-Hexane	Ave	0.3809	0.3263		8.57	10.0	-14.0	20.0
1,1-Dichloroethane	Ave	0.4984	0.4601	0.2000	9.23	10.0	-8.0	20.0
di-Isopropyl ether	Ave	0.8001	0.7722		9.65	10.0	-3.0	20.0
2-Chloro-1,3-butadiene	Ave	0.4410	0.3913		8.87	10.0	-11.0	20.0
Ethyl t-butyl ether	Ave	0.7217	0.6569		9.10	10.0	-9.0	20.0
2-Butanone (MEK)	Lin1		5.713	0.1000	89.4	100	-11.0	20.0
cis-1,2-Dichloroethene	Ave	0.2835	0.2573	0.1000	9.08	10.0	-9.0	20.0
2,2-Dichloropropane	Ave	0.4462	0.3815		8.55	10.0	-14.0	20.0
Propionitrile	Qua		1.641		237	200	18.0	20.0
Methacrylonitrile	Ave	6.535	6.425		98.3	100	-2.0	20.0
Bromochloromethane	Ave	0.1071	0.0984		9.19	10.0	-8.0	20.0
Tetrahydrofuran	Ave	1.826	1.693		46.4	50.0	-7.0	20.0
Chloroform	Ave	0.4861	0.4332	0.2000	8.91	10.0	-11.0	20.0
1,1,1-Trichloroethane	Ave	0.4591	0.3860	0.1000	8.41	10.0	-16.0	20.0
Cyclohexane	Ave	0.5134	0.4441	0.1000	8.65	10.0	-13.0	20.0
1,1-Dichloropropene	Ave	0.4009	0.3648		9.10	10.0	-9.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab Sample ID: CCVIS 410-738637/3

Calibration Date: 12/03/2025 22:16

Instrument ID: 19094

Calib Start Date: 10/27/2025 18:03

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

Calib End Date: 10/27/2025 20:50

Lab File ID: HD03X52.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	0.3857	0.3362	0.1000	8.72	10.0	-13.0	20.0
Isobutyl alcohol	Ave	0.3694	0.3722		504	500	1.0	20.0
Benzene	Ave	1.162	1.040	0.5000	8.96	10.0	-10.0	20.0
1,2-Dichloroethane	Ave	0.2585	0.2425	0.1000	9.38	10.0	-6.0	20.0
t-Amyl methyl ether	Ave	0.6034	0.5561		9.22	10.0	-8.0	20.0
n-Heptane	Ave	0.3889	0.3307		8.50	10.0	-15.0	20.0
n-Butanol	Lin		0.3153		1100	875	25.0*	20.0
Trichloroethene	Ave	0.3048	0.2732	0.2000	8.96	10.0	-10.0	20.0
Methylcyclohexane	Ave	0.5199	0.4320	0.1000	8.31	10.0	-17.0	20.0
1,2-Dichloropropane	Ave	0.2729	0.2644	0.1000	9.69	10.0	-3.0	20.0
1,4-Dioxane	Ave	0.0362	0.0662	0.0050	916	500	83.0*	20.0
Methyl methacrylate	Ave	13.30	11.49		8.64	10.0	-14.0	20.0
Dibromomethane	Ave	0.1071	0.1024		9.56	10.0	-4.0	20.0
Bromodichloromethane	Ave	0.3128	0.2921	0.2000	9.34	10.0	-7.0	20.0
2-Nitropropane	Ave	4.546	3.661		40.3	50.0	-19.0	20.0
1-Bromo-2-chloroethane	Ave	0.2307	0.2500		10.8	10.0	8.0	20.0
cis-1,3-Dichloropropene	Ave	0.3603	0.3454	0.2000	9.58	10.0	-4.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	17.76	15.88	0.1000	89.4	100	-11.0	20.0
Toluene	Ave	1.054	0.9440	0.4000	8.96	10.0	-10.0	20.0
trans-1,3-Dichloropropene	Ave	0.3849	0.3776	0.1000	9.81	10.0	-2.0	20.0
Ethyl methacrylate	Ave	0.2743	0.2779		10.1	10.0	1.0	20.0
1,1,2-Trichloroethane	Ave	0.2187	0.2056	0.1000	9.40	10.0	-6.0	20.0
Tetrachloroethene	Ave	0.4766	0.4017	0.2000	8.43	10.0	-16.0	20.0
1,3-Dichloropropane	Ave	0.3825	0.3757		9.82	10.0	-2.0	20.0
2-Hexanone	Ave	11.30	10.87	0.1000	96.2	100	-4.0	20.0
Dibromochloromethane	Ave	0.2807	0.2620		9.33	10.0	-7.0	20.0
1,2-Dibromoethane (EDB)	Ave	0.1979	0.1883	0.1000	9.52	10.0	-5.0	20.0
1-Chlorohexane	Ave	0.6109	0.5001		8.19	10.0	-18.0	20.0
Chlorobenzene	Ave	1.082	0.9749	0.5000	9.01	10.0	-10.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3664	0.3283		8.96	10.0	-10.0	20.0
Ethylbenzene	Ave	2.054	1.860	0.1000	9.06	10.0	-9.0	20.0
m&p-Xylene	Ave	0.8010	0.6999	0.1000	17.5	20.0	-13.0	20.0
o-Xylene	Ave	0.7546	0.6663	0.3000	8.83	10.0	-12.0	20.0
Styrene	Ave	1.182	1.082	0.3000	9.15	10.0	-8.0	20.0
Bromoform	Ave	0.1455	0.1307	0.1000	8.98	10.0	-10.0	20.0
Isopropylbenzene	Ave	2.062	1.779	0.1000	8.63	10.0	-14.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.4641	0.4372	0.3000	9.42	10.0	-6.0	20.0
Bromobenzene	Ave	0.7558	0.6770		8.96	10.0	-10.0	20.0
trans-1,4-Dichloro-2-butene	Ave	6.137	4.610		75.1	100	-25.0*	20.0
1,2,3-Trichloropropane	Ave	0.1236	0.1137		9.19	10.0	-8.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab Sample ID: CCVIS 410-738637/3

Calibration Date: 12/03/2025 22:16

Instrument ID: 19094

Calib Start Date: 10/27/2025 18:03

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

Calib End Date: 10/27/2025 20:50

Lab File ID: HD03X52.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
N-Propylbenzene	Ave	4.395	3.828		8.71	10.0	-13.0	20.0
2-Chlorotoluene	Ave	0.8318	0.7231		8.69	10.0	-13.0	20.0
1,3,5-Trimethylbenzene	Ave	3.122	2.693		8.62	10.0	-14.0	20.0
4-Chlorotoluene	Ave	0.8483	0.7375		8.69	10.0	-13.0	20.0
tert-Butylbenzene	Ave	0.6704	0.5831		8.70	10.0	-13.0	20.0
Pentachloroethane	Ave	0.4538	0.4384		9.66	10.0	-3.0	20.0
1,2,4-Trimethylbenzene	Ave	3.179	2.775		8.73	10.0	-13.0	20.0
sec-Butylbenzene	Ave	3.890	3.320		8.53	10.0	-15.0	20.0
1,3-Dichlorobenzene	Ave	1.536	1.364	0.6000	8.88	10.0	-11.0	20.0
p-Isopropyltoluene	Ave	3.363	2.843		8.45	10.0	-15.0	20.0
1,4-Dichlorobenzene	Ave	1.576	1.378	0.5000	8.74	10.0	-13.0	20.0
1,2,3-Trimethylbenzene	Ave	1.311	1.129		8.61	10.0	-14.0	20.0
Benzyl chloride	Ave	0.1793	0.1698		9.47	10.0	-5.0	20.0
n-Butylbenzene	Ave	1.613	1.375		8.52	10.0	-15.0	20.0
1,2-Dichlorobenzene	Ave	1.355	1.192	0.4000	8.80	10.0	-12.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0566	0.0517	0.0500	9.14	10.0	-9.0	20.0
1,3,5-Trichlorobenzene	Ave	1.083	0.8948		8.26	10.0	-17.0	20.0
1,2,4-Trichlorobenzene	Ave	0.8344	0.7216	0.2000	8.65	10.0	-14.0	20.0
Hexachlorobutadiene	Ave	0.3651	0.3048		8.35	10.0	-17.0	20.0
Naphthalene	Ave	1.387	1.187		8.55	10.0	-14.0	20.0
1,2,3-Trichlorobenzene	Ave	0.6808	0.5676		8.34	10.0	-17.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2289	0.2283		9.97	10.0	0.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0422	0.0433		10.3	10.0	3.0	20.0
Toluene-d8 (Surr)	Ave	1.410	1.433		10.2	10.0	2.0	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5072	0.5116		10.1	10.0	1.0	20.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X52.D
 Lims ID: CCVIS VSTD10
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 03-Dec-2025 22:16:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168773-003
 Misc. Info.: CCVIS VSTD10
 Operator ID: ncc117024 Instrument ID: 19094
 Sublist: chrom-MSV_19094_25mL*sub1
 Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 04-Dec-2025 00:33:30 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1621

First Level Reviewer: HR3Z

Date: 03-Dec-2025 23:08:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.825	1.825	0.000	99	921325	10.0	11.4	
5 Chloromethane	50	2.008	2.008	0.000	99	933383	10.0	10.1	
6 Butadiene	39	2.099	2.099	0.000	93	1105566	10.0	11.3	
7 Vinyl chloride	62	2.111	2.111	0.000	98	807029	10.0	9.16	
9 Bromomethane	94	2.422	2.422	0.000	91	544647	10.0	9.55	
10 Chloroethane	64	2.465	2.465	0.000	100	474862	10.0	10.1	
11 Dichlorofluoromethane	67	2.672	2.672	0.000	97	1213159	10.0	9.38	
12 Trichlorofluoromethane	101	2.770	2.770	0.000	99	1055641	10.0	9.48	
13 Ethyl ether	59	2.946	2.946	0.000	92	335810	10.0	10.6	
14 1,2-Dichloro-1,1,2-trifluoroetha	67	3.026	3.026	0.000	95	727660	10.0	9.75	
16 Acrolein	56	3.105	3.105	0.000	99	359008	487.9	77.1	
17 1,1-Dichloroethene	96	3.227	3.227	0.000	97	410204	10.0	8.23	
19 Acetone	43	3.257	3.257	0.000	99	470134	100.0	85.5	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.276	3.276	0.000	94	450539	10.0	8.76	
20 Iodomethane	142	3.404	3.404	0.000	99	768231	10.0	8.42	
22 Ethyl bromide	108	3.428	3.428	0.000	98	462685	10.0	10.1	
23 Carbon disulfide	76	3.507	3.507	0.000	99	1182626	10.0	8.34	
24 Methyl acetate	43	3.641	3.641	0.000	97	132237	10.0	12.6	M
25 3-Chloro-1-propene	41	3.654	3.654	0.000	92	770577	10.0	8.88	
* 28 t-Butyl alcohol-d10 (IS)	65	3.818	3.818	0.000	96	75960	50.0	50.0	
27 Methylene Chloride	84	3.818	3.818	0.000	94	445758	10.0	8.87	
29 2-Methyl-2-propanol	59	3.916	3.916	0.000	100	229822	200.0	175.6	
30 Acrylonitrile	53	4.160	4.160	0.000	96	145228	25.0	19.3	
31 Methyl tert-butyl ether	73	4.184	4.184	0.000	96	964947	10.0	8.73	
33 trans-1,2-Dichloroethene	96	4.208	4.208	0.000	97	480123	10.0	8.72	
34 Hexane	57	4.623	4.623	0.000	93	670952	10.0	8.57	
35 1,1-Dichloroethane	63	4.848	4.848	0.000	96	946117	10.0	9.23	
37 Isopropyl ether	45	4.916	4.916	0.000	94	1587807	10.0	9.65	
38 2-Chloro-1,3-butadiene	53	4.964	4.964	0.000	92	804593	10.0	8.87	
39 Tert-butyl ethyl ether	59	5.458	5.458	0.000	98	1350754	10.0	9.10	

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	5.659	5.659	0.000	100	867913	100.0	89.4	
42 cis-1,2-Dichloroethene	96	5.702	5.702	0.000	84	528988	10.0	9.08	
43 2,2-Dichloropropane	77	5.714	5.714	0.000	89	784413	10.0	8.55	
44 Propionitrile	54	5.745	5.745	0.000	99	498509	200.0	236.7	
46 Methacrylonitrile	67	5.964	5.964	0.000	93	976105	100.0	98.3	
47 Chlorobromomethane	128	6.037	6.037	0.000	97	202392	10.0	9.19	
48 Tetrahydrofuran	71	6.043	6.043	0.000	80	128638	50.0	46.4	
50 Chloroform	83	6.190	6.190	0.000	94	890642	10.0	8.91	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.409	0.000	93	469334	10.0	9.97	
52 1,1,1-Trichloroethane	97	6.421	6.421	0.000	99	793631	10.0	8.41	
54 Cyclohexane	56	6.525	6.525	0.000	92	913204	10.0	8.65	
56 Carbon tetrachloride	117	6.641	6.641	0.000	83	691254	10.0	8.72	
55 1,1-Dichloropropene	75	6.641	6.641	0.000	95	749972	10.0	9.10	
57 Isobutyl alcohol	41	6.793	6.793	0.000	94	282686	500.0	503.7	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	90	89033	10.0	10.3	
59 Benzene	78	6.903	6.903	0.000	97	2139019	10.0	8.96	
60 1,2-Dichloroethane	62	6.982	6.982	0.000	97	498538	10.0	9.38	
62 Tert-amyl methyl ether	73	7.104	7.104	0.000	98	1143363	10.0	9.22	
* 64 Fluorobenzene (IS)	96	7.318	7.318	0.000	98	2056109	10.0	10.0	
65 n-Heptane	43	7.342	7.342	0.000	95	679944	10.0	8.50	
66 n-Butanol	56	7.702	7.702	0.000	91	419119	875.0	1097.5	
67 Trichloroethene	95	7.811	7.811	0.000	98	561694	10.0	8.96	
69 Methylcyclohexane	83	8.122	8.122	0.000	93	888215	10.0	8.31	
70 1,2-Dichloropropane	63	8.147	8.147	0.000	88	543643	10.0	9.69	
71 2-ethoxy-2-methyl butane	87	8.165	8.165	0.000	92	789967	10.0	9.25	
73 1,4-Dioxane	88	8.244	8.244	0.000	37	50313	500.0	916.0	
72 Methyl methacrylate	69	8.244	8.244	0.000	94	174597	10.0	8.64	
74 Dibromomethane	93	8.256	8.256	0.000	97	210612	10.0	9.56	
76 Dichlorobromomethane	83	8.500	8.500	0.000	99	600511	10.0	9.34	
77 2-Nitropropane	41	8.762	8.762	0.000	99	278099	50.0	40.3	
79 1-Bromo-2-chloroethane	63	8.896	8.896	0.000	99	514092	10.0	10.8	
80 cis-1,3-Dichloropropene	75	9.067	9.067	0.000	95	710114	10.0	9.58	
81 4-Methyl-2-pentanone (MIBK)	43	9.250	9.250	0.000	97	2412983	100.0	89.4	
\$ 82 Toluene-d8 (Surr)	98	9.396	9.396	0.000	94	2077913	10.0	10.2	
84 Toluene	92	9.482	9.482	0.000	98	1368916	10.0	8.96	
85 trans-1,3-Dichloropropene	75	9.762	9.762	0.000	94	547620	10.0	9.81	
86 Ethyl methacrylate	69	9.835	9.835	0.000	90	402933	10.0	10.1	
87 1,1,2-Trichloroethane	97	9.969	9.969	0.000	91	298111	10.0	9.40	
107 Tetrachloroethene	166	10.061	10.061	0.000	96	582536	10.0	8.43	
108 1,3-Dichloropropane	76	10.140	10.140	0.000	92	544796	10.0	9.82	
109 2-Hexanone	43	10.195	10.195	0.000	97	1651510	100.0	96.2	
111 Chlorodibromomethane	129	10.360	10.360	0.000	90	379928	10.0	9.33	
112 Ethylene Dibromide	107	10.475	10.475	0.000	99	273061	10.0	9.52	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.920	0.000	87	1450081	10.0	10.0	
114 1-Chlorohexane	91	10.939	10.939	0.000	97	725244	10.0	8.19	
115 Chlorobenzene	112	10.951	10.951	0.000	93	1413681	10.0	9.01	
116 1,1,1,2-Tetrachloroethane	131	11.036	11.036	0.000	95	476031	10.0	8.96	
117 Ethylbenzene	91	11.042	11.042	0.000	99	2696990	10.0	9.06	
118 m-Xylene & p-Xylene	106	11.158	11.158	0.000	99	2029891	20.0	17.5	
120 o-Xylene	106	11.494	11.494	0.000	97	966148	10.0	8.83	
121 Styrene	104	11.512	11.512	0.000	95	1568309	10.0	9.15	
122 Bromoform	173	11.670	11.670	0.000	96	189588	10.0	8.98	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
123 Isopropylbenzene	105	11.804	11.804	0.000	96	2580205	10.0	8.63	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.945	11.945	0.000	88	741840	10.0	10.1	
127 1,1,2,2-Tetrachloroethane	83	12.048	12.048	0.000	93	352900	10.0	9.42	
128 Bromobenzene	156	12.060	12.060	0.000	96	546388	10.0	8.96	
129 trans-1,4-Dichloro-2-butene	53	12.073	12.073	0.000	91	700418	100.0	75.1	
130 1,2,3-Trichloropropane	110	12.097	12.097	0.000	82	91737	10.0	9.19	
131 N-Propylbenzene	91	12.134	12.134	0.000	99	3089661	10.0	8.71	
132 2-Chlorotoluene	126	12.207	12.207	0.000	96	583648	10.0	8.69	
133 1,3,5-Trimethylbenzene	105	12.274	12.274	0.000	93	2173274	10.0	8.62	
134 4-Chlorotoluene	126	12.304	12.304	0.000	98	595254	10.0	8.69	
135 tert-Butylbenzene	134	12.518	12.518	0.000	93	470667	10.0	8.70	
136 Pentachloroethane	167	12.548	12.548	0.000	92	353882	10.0	9.66	
137 1,2,4-Trimethylbenzene	105	12.560	12.560	0.000	98	2239895	10.0	8.73	
138 sec-Butylbenzene	105	12.682	12.682	0.000	95	2679297	10.0	8.53	
139 1,3-Dichlorobenzene	146	12.780	12.780	0.000	98	1100902	10.0	8.88	
140 4-Isopropyltoluene	119	12.792	12.792	0.000	97	2294946	10.0	8.45	
* 141 1,4-Dichlorobenzene-d4	152	12.835	12.835	0.000	96	807128	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.853	12.853	0.000	93	1112162	10.0	8.74	
143 1,2,3-Trimethylbenzene	120	12.865	12.865	0.000	99	911533	10.0	8.61	
144 Benzyl chloride	126	12.932	12.932	0.000	99	137067	10.0	9.47	
145 p-Diethylbenzene	119	13.066	13.066	0.000	93	1350242	10.0	8.40	
146 n-Butylbenzene	92	13.085	13.085	0.000	98	1109678	10.0	8.52	
147 1,2-Dichlorobenzene	146	13.115	13.115	0.000	98	962085	10.0	8.80	
148 1,2-Dibromo-3-Chloropropane	155	13.658	13.658	0.000	83	41736	10.0	9.14	
150 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	97	722185	10.0	8.26	
151 1,2,4-Trichlorobenzene	180	14.206	14.206	0.000	94	582438	10.0	8.65	
152 Hexachlorobutadiene	225	14.292	14.292	0.000	97	245981	10.0	8.35	
153 Naphthalene	128	14.383	14.383	0.000	97	957684	10.0	8.55	
154 1,2,3-Trichlorobenzene	180	14.530	14.530	0.000	95	458093	10.0	8.34	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#2_826_00201

Amount Added: 20.00

Units: uL

MSV_LL_#1_826_00185

Amount Added: 20.00

Units: uL

MSV_LL_GAS826_00300

Amount Added: 20.00

Units: uL

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 04-Dec-2025 00:33:31

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X52.D

Injection Date: 03-Dec-2025 22:16:30

Instrument ID: 19094

Operator ID: ncc117024

Lims ID: CCVIS VSTD10

Worklist Smp#: 3

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

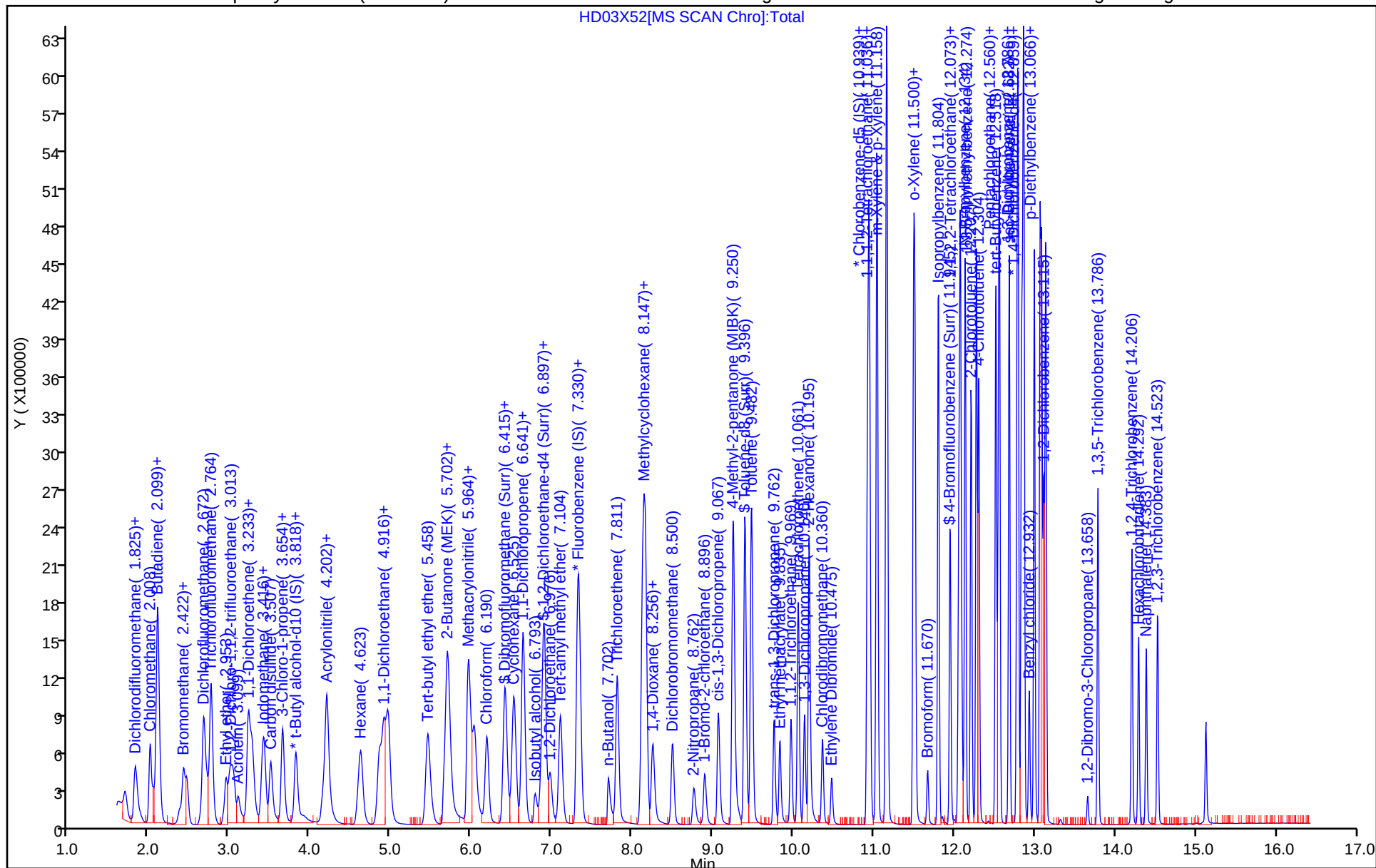
ALS Bottle#: 2

Method: MSV_19094_25mL

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

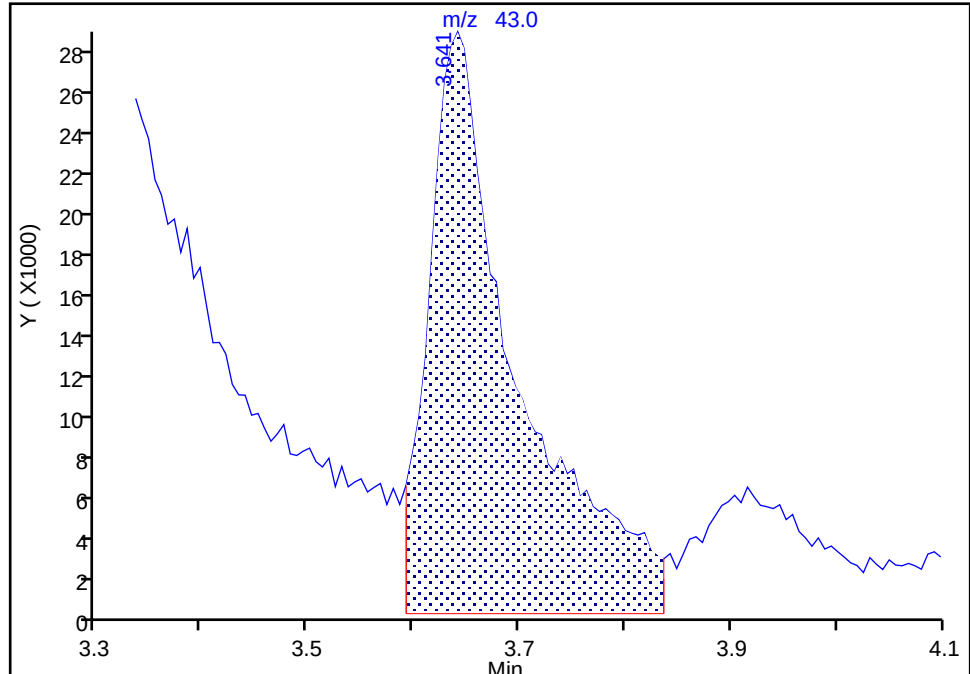
Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X52.D
Injection Date: 03-Dec-2025 22:16:30 Instrument ID: 19094
Lims ID: CCVIS VSTD10
Client ID:
Operator ID: ncc117024 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

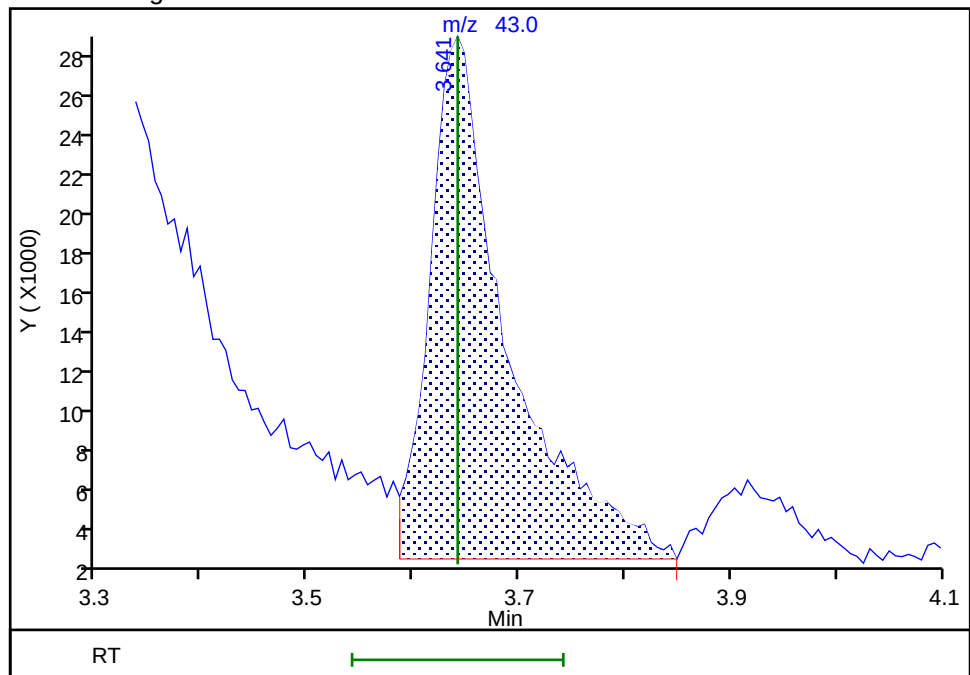
RT: 3.64
Area: 162737
Amount: 15.454145
Amount Units: ug/l

Processing Integration Results



RT: 3.64
Area: 132237
Amount: 12.557745
Amount Units: ug/l

Manual Integration Results



Reviewer: HR3Z, 03-Dec-2025 22:41:22 -05:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab Sample ID: ICV 410-686919/22

Calibration Date: 08/18/2025 23:17

Instrument ID: 19930

Calib Start Date: 08/18/2025 19:53

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

Calib End Date: 08/18/2025 22:36

Lab File ID: IG18X22.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	0.4747	0.3744	0.1000	3.94	5.00	-21.0	30.0
Chloromethane	Ave	0.4636	0.3722	0.1000	4.01	5.00	-20.0	30.0
1,3-Butadiene	Ave	0.3871	0.3734		4.82	5.00	-4.0	30.0
Vinyl chloride	Ave	0.4338	0.3835	0.1000	4.42	5.00	-12.0	30.0
Bromomethane	Ave	0.3889	0.3414	0.1000	4.39	5.00	-12.0	30.0
Chloroethane	Ave	0.2793	0.2505	0.1000	4.48	5.00	-10.0	30.0
Dichlorofluoromethane	Ave	0.7535	0.7105		4.71	5.00	-6.0	30.0
Trichlorofluoromethane	Ave	0.6723	0.6417	0.1000	4.77	5.00	-5.0	30.0
Ethyl ether	Ave	0.1954	0.2083		5.29	4.96	7.0	30.0
Freon 123a	Ave	0.3250	0.3131		4.82	5.00	-4.0	30.0
Acrolein	Ave	2.134	1.914		32.8	36.6	-10.0	30.0
1,1-Dichloroethene	Ave	0.2787	0.2600	0.1000	4.66	5.00	-7.0	30.0
Acetone	Ave	2.355	2.057	0.1000	54.6	62.5	-13.0	30.0
Freon 113	Ave	0.2695	0.2549	0.1000	4.73	5.00	-5.0	30.0
Methyl iodide	Ave	0.6474	0.5483		4.23	5.00	-15.0	30.0
Ethyl bromide	Ave	0.2650	0.2356		4.45	5.01	-11.0	30.0
Carbon disulfide	Ave	0.7999	0.6274	0.1000	3.92	5.00	-22.0	30.0
Methyl acetate	Ave	5.903	5.427	0.1000	4.60	5.00	-8.0	30.0
Allyl chloride	Ave	0.3975	0.3281		4.13	5.00	-17.0	30.0
Methylene Chloride	Ave	0.3004	0.2821	0.1000	4.70	5.00	-6.0	30.0
t-Butyl alcohol	Ave	0.9604	0.9573		49.8	50.0	0.0	30.0
Acrylonitrile	Ave	3.156	2.834		22.5	25.0	-10.0	30.0
Methyl tert-butyl ether	Ave	0.7828	0.6997	0.1000	4.47	5.00	-11.0	30.0
trans-1,2-Dichloroethene	Ave	0.3339	0.2905	0.1000	4.35	5.00	-13.0	30.0
n-Hexane	Ave	0.3703	0.2982		4.03	5.00	-19.0	30.0
1,1-Dichloroethane	Ave	0.5314	0.4932	0.2000	4.64	5.00	-7.0	30.0
di-Isopropyl ether	Ave	0.8041	0.7169		4.46	5.00	-11.0	30.0
2-Chloro-1,3-butadiene	Ave	0.3999	0.3681		4.60	5.00	-8.0	30.0
Ethyl t-butyl ether	Ave	0.8346	0.7489		4.49	5.00	-10.0	30.0
2-Butanone (MEK)	Ave	4.147	3.761	0.1000	56.7	62.5	-9.0	30.0
cis-1,2-Dichloroethene	Ave	0.3692	0.3392	0.1000	4.59	5.00	-8.0	30.0
2,2-Dichloropropane	Ave	0.5213	0.4410		4.23	5.00	-15.0	30.0
Propionitrile	Ave	1.126	1.097		36.5	37.5	-3.0	30.0
Methacrylonitrile	Ave	4.336	4.263		36.9	37.5	-2.0	30.0
Bromochloromethane	Ave	0.1813	0.1705		4.70	5.00	-6.0	30.0
Tetrahydrofuran	Ave	1.508	1.307		21.7	25.0	-13.0	30.0
Chloroform	Ave	0.6009	0.5293	0.2000	4.40	5.00	-12.0	30.0
1,1,1-Trichloroethane	Ave	0.5817	0.5163	0.1000	4.44	5.00	-11.0	30.0
Cyclohexane	Ave	0.4752	0.3883	0.1000	4.09	5.00	-18.0	30.0
Carbon tetrachloride	Ave	0.5248	0.4917	0.1000	4.68	5.00	-6.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.: _____

Lab Sample ID: ICV 410-686919/22

Calibration Date: 08/18/2025 23:17

Instrument ID: 19930

Calib Start Date: 08/18/2025 19:53

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

Calib End Date: 08/18/2025 22:36

Lab File ID: IG18X22.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	0.4332	0.3853		4.45	5.00	-11.0	30.0
Isobutyl alcohol	Ave	0.3124	0.2694		108	125	-14.0	30.0
Benzene	Ave	1.331	1.134	0.5000	4.26	5.00	-15.0	30.0
1,2-Dichloroethane	Ave	0.3508	0.3141	0.1000	4.48	5.00	-10.0	30.0
t-Amyl methyl ether	Ave	0.8617	0.7589		4.40	5.00	-12.0	30.0
n-Heptane	Ave	0.3576	0.3001		4.20	5.00	-16.0	30.0
n-Butanol	Qua		0.2383		220	250	-12.0	30.0
Trichloroethene	Ave	0.3730	0.3296	0.2000	4.42	5.00	-12.0	30.0
Methylcyclohexane	Ave	0.5640	0.4846	0.1000	4.30	5.00	-14.0	30.0
1,2-Dichloropropane	Ave	0.3107	0.2836	0.1000	4.56	5.00	-9.0	30.0
Methyl methacrylate	Ave	8.787	7.928		4.51	5.00	-10.0	30.0
1,4-Dioxane	Ave	0.0685	0.0663	0.0050	121	125	-3.0	30.0
Dibromomethane	Ave	0.1717	0.1616		4.71	5.00	-6.0	30.0
Bromodichloromethane	Ave	0.4314	0.3966	0.2000	4.60	5.00	-8.0	30.0
2-Nitropropane	Ave	3.220	2.735		4.25	5.00	-15.0	30.0
1-Bromo-2-chloroethane	Ave	0.2893	0.2875		4.97	5.00	-1.0	30.0
cis-1,3-Dichloropropene	Ave	0.4548	0.4448	0.2000	4.89	5.00	-2.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	11.25	10.39	0.1000	57.8	62.5	-8.0	30.0
Toluene	Ave	1.084	0.9563	0.4000	4.41	5.00	-12.0	30.0
trans-1,3-Dichloropropene	Ave	0.4870	0.4777	0.1000	4.90	5.00	-2.0	30.0
Ethyl methacrylate	Ave	0.3950	0.3756		4.75	5.00	-5.0	30.0
1,1,2-Trichloroethane	Ave	0.3199	0.2874	0.1000	4.49	5.00	-10.0	30.0
Tetrachloroethene	Ave	0.6616	0.5924	0.2000	4.48	5.00	-10.0	30.0
1,3-Dichloropropane	Ave	0.4672	0.4516		4.83	5.00	-3.0	30.0
2-Hexanone	Ave	7.790	7.402	0.1000	59.4	62.5	-5.0	30.0
Dibromochloromethane	Ave	0.4711	0.4255		4.52	5.00	-10.0	30.0
1,2-Dibromoethane (EDB)	Ave	0.2891	0.2884	0.1000	4.99	5.00	0.0	30.0
1-Chlorohexane	Ave	0.5959	0.5207		4.37	5.00	-13.0	30.0
Chlorobenzene	Ave	1.330	1.188	0.5000	4.47	5.00	-11.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4888	0.4579		4.68	5.00	-6.0	30.0
Ethylbenzene	Ave	2.133	1.888	0.1000	4.43	5.00	-11.0	30.0
m&p-Xylene	Ave	0.8897	0.8000	0.1000	8.99	10.0	-10.0	30.0
o-Xylene	Ave	0.8620	0.7784	0.3000	4.52	5.00	-10.0	30.0
Styrene	Ave	1.324	1.266	0.3000	4.78	5.00	-4.0	30.0
Bromoform	Ave	0.3455	0.3018	0.1000	4.37	5.00	-13.0	30.0
Isopropylbenzene	Ave	2.278	2.067	0.1000	4.53	5.00	-9.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6351	0.5717	0.3000	4.50	5.00	-10.0	30.0
Bromobenzene	Ave	1.006	0.9375		4.66	5.00	-7.0	30.0
trans-1,4-Dichloro-2-butene	Ave	4.522	3.924		21.7	25.0	-13.0	30.0
1,2,3-Trichloropropane	Ave	0.1975	0.1751		4.43	5.00	-11.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab Sample ID: ICV 410-686919/22

Calibration Date: 08/18/2025 23:17

Instrument ID: 19930

Calib Start Date: 08/18/2025 19:53

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

Calib End Date: 08/18/2025 22:36

Lab File ID: IG18X22.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
N-Propylbenzene	Ave	3.885	3.560		4.58	5.00	-8.0	30.0
2-Chlorotoluene	Ave	0.8822	0.8235		4.67	5.00	-7.0	30.0
1,3,5-Trimethylbenzene	Ave	3.078	2.760		4.48	5.00	-10.0	30.0
4-Chlorotoluene	Ave	0.9068	0.8555		4.72	5.00	-6.0	30.0
tert-Butylbenzene	Ave	0.7608	0.7135		4.69	5.00	-6.0	30.0
Pentachloroethane	Ave	0.6126	0.6282		5.13	5.00	3.0	30.0
1,2,4-Trimethylbenzene	Ave	3.219	2.789		4.33	5.00	-13.0	30.0
sec-Butylbenzene	Ave	4.061	3.585		4.41	5.00	-12.0	30.0
1,3-Dichlorobenzene	Ave	1.841	1.742	0.6000	4.73	5.00	-5.0	30.0
p-Isopropyltoluene	Ave	3.601	3.220		4.47	5.00	-11.0	30.0
1,4-Dichlorobenzene	Ave	2.039	1.815	0.5000	4.45	5.00	-11.0	30.0
1,2,3-Trimethylbenzene	Ave	1.460	1.301		4.46	5.00	-11.0	30.0
Benzyl chloride	Ave	0.2887	0.2863		4.96	5.00	-1.0	30.0
n-Butylbenzene	Ave	1.529	1.402		4.58	5.00	-8.0	30.0
1,2-Dichlorobenzene	Ave	1.705	1.573	0.4000	4.61	5.00	-8.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1219	0.1156	0.0500	4.74	5.00	-5.0	30.0
1,3,5-Trichlorobenzene	Ave	1.493	1.467		4.91	5.00	-2.0	30.0
1,2,4-Trichlorobenzene	Ave	1.272	1.314	0.2000	5.17	5.00	3.0	30.0
Hexachlorobutadiene	Ave	0.6838	0.6575		4.81	5.00	-4.0	30.0
Naphthalene	Ave	2.372	2.306		4.86	5.00	-3.0	30.0
1,2,3-Trichlorobenzene	Ave	1.167	1.142		4.89	5.00	-2.0	30.0
2-Methylnaphthalene	None					5.00		30.0
2-ethoxy-2-methyl butane	None					5.00		30.0
Isopropyl alcohol	None					37.5		30.0
p-Diethylbenzene	None					5.00		30.0
Pentane	None					5.00		30.0
Dibromofluoromethane (Surr)	Ave	0.2723	0.2708		9.94	10.0	-1.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0551	0.0546		9.91	10.0	-1.0	30.0
Toluene-d8 (Surr)	Ave	1.258	1.261		10.0	10.0	0.0	30.0
4-Bromofluorobenzene (Surr)	Ave	0.4560	0.4571		10.0	10.0	0.0	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X22.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 18-Aug-2025 23:17:30 ALS Bottle#: 22 Worklist Smp#: 22
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156919-023
 Misc. Info.: ICV
 Operator ID: ecr105096 Instrument ID: 19930
 Sublist:
 Method: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\8260 25ml HP31.m
 Limit Group: MSV - 8260C_D
 Last Update: 22-Aug-2025 12:41:57 Calib Date: 18-Aug-2025 22:36:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1618

First Level Reviewer: N7YK

Date: 20-Aug-2025 13:20:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.776	1.770	0.006	99	317986	5.00	3.94	
4 Chloromethane	50	1.959	1.953	0.006	99	316151	5.00	4.01	
6 Butadiene	39	2.062	2.050	0.012	92	317185	5.00	4.82	
5 Vinyl chloride	62	2.062	2.050	0.012	97	325733	5.00	4.42	
7 Bromomethane	94	2.367	2.361	0.006	92	289959	5.00	4.39	
8 Chloroethane	64	2.422	2.410	0.012	99	212754	5.00	4.48	
9 Dichlorofluoromethane	67	2.635	2.635	0.000	98	603468	5.00	4.71	
10 Trichlorofluoromethane	101	2.715	2.709	0.006	98	545007	5.00	4.77	M
11 Ethyl ether	59	2.898	2.891	0.007	88	175647	4.96	5.29	
13 1,2-Dichloro-1,1,2-trifluoroetha	67	2.995	2.977	0.018	88	265960	5.00	4.82	
14 Acrolein	56	3.050	3.038	0.012	99	207483	36.6	32.8	
15 1,1-Dichloroethene	96	3.178	3.166	0.012	95	220818	5.00	4.66	
16 Acetone	43	3.202	3.190	0.012	100	380827	62.5	54.6	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.221	3.215	0.006	88	216499	5.00	4.73	
18 Iodomethane	142	3.349	3.343	0.006	98	465693	5.00	4.23	
19 Ethyl bromide	108	3.373	3.367	0.006	99	200425	5.01	4.45	
20 Carbon disulfide	76	3.452	3.440	0.012	100	532903	5.00	3.92	
23 Methyl acetate	43	3.587	3.568	0.018	28	80362	5.00	4.60	M
24 3-Chloro-1-propene	41	3.599	3.586	0.013	88	278676	5.00	4.13	
25 Methylene Chloride	84	3.763	3.757	0.006	87	239634	5.00	4.70	
* 26 t-Butyl alcohol-d10 (IS)	65	3.806	3.763	0.043	93	148082	50.0	50.0	
27 2-Methyl-2-propanol	59	3.897	3.885	0.012	98	141759	50.0	49.8	
28 Acrylonitrile	53	4.074	4.062	0.012	99	209869	25.0	22.5	
29 Methyl tert-butyl ether	73	4.129	4.123	0.006	93	594318	5.00	4.47	
30 trans-1,2-Dichloroethene	96	4.147	4.135	0.012	95	246774	5.00	4.35	
31 Hexane	57	4.562	4.544	0.018	92	253291	5.00	4.03	
32 1,1-Dichloroethane	63	4.787	4.781	0.006	96	418876	5.00	4.64	
35 Isopropyl ether	45	4.861	4.848	0.013	91	608877	5.00	4.46	
36 2-Chloro-1,3-butadiene	53	4.909	4.897	0.012	90	312627	5.00	4.60	
37 Tert-butyl ethyl ether	59	5.403	5.397	0.006	96	636092	5.00	4.49	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 2-Butanone (MEK)	43	5.610	5.604	0.006	99	696092	62.5	56.7	
39 cis-1,2-Dichloroethene	96	5.641	5.635	0.006	79	288066	5.00	4.59	
40 2,2-Dichloropropane	77	5.653	5.647	0.006	86	374550	5.00	4.23	
43 Propionitrile	54	5.714	5.684	0.030	96	121875	37.5	36.5	
45 Methacrylonitrile	67	5.915	5.909	0.006	88	473492	37.5	36.9	
46 Chlorobromomethane	128	5.982	5.970	0.012	83	144785	5.00	4.70	
47 Tetrahydrofuran	71	6.001	5.988	0.013	76	96769	25.0	21.7	
48 Chloroform	83	6.135	6.129	0.006	93	449598	5.00	4.40	
\$ 49 Dibromofluoromethane (Surr)	113	6.354	6.348	0.006	95	459937	10.0	9.94	
50 1,1,1-Trichloroethane	97	6.360	6.354	0.006	97	438513	5.00	4.44	
51 Cyclohexane	56	6.458	6.458	0.000	87	329778	5.00	4.09	
54 Carbon tetrachloride	117	6.574	6.574	0.000	97	417640	5.00	4.68	
53 1,1-Dichloropropene	75	6.580	6.574	0.006	96	327288	5.00	4.45	
55 Isobutyl alcohol	41	6.757	6.750	0.007	91	99744	125.0	107.8	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	6.811	6.811	0.000	86	92738	10.0	9.91	
57 Benzene	78	6.842	6.836	0.006	97	962929	5.00	4.26	
58 1,2-Dichloroethane	62	6.921	6.915	0.006	97	266765	5.00	4.48	
60 Tert-amyl methyl ether	73	7.043	7.043	0.000	98	644592	5.00	4.40	
* 61 Fluorobenzene (IS)	96	7.257	7.250	0.007	99	1698704	10.0	10.0	
62 n-Heptane	43	7.275	7.275	0.000	87	254881	5.00	4.20	
63 n-Butanol	56	7.659	7.641	0.018	88	176409	250.0	220.0	
64 Trichloroethene	95	7.744	7.738	0.006	94	279933	5.00	4.42	
65 Methylcyclohexane	83	8.049	8.043	0.006	88	411599	5.00	4.30	
66 1,2-Dichloropropane	63	8.073	8.067	0.006	95	240872	5.00	4.56	
68 1,4-Dioxane	88	8.183	8.171	0.012	32	24539	125.0	121.0	
67 Methyl methacrylate	69	8.177	8.171	0.006	87	117401	5.00	4.51	
69 Dibromomethane	93	8.189	8.183	0.006	88	137241	5.00	4.71	
71 Dichlorobromomethane	83	8.427	8.427	0.000	98	336858	5.00	4.60	
72 2-Nitropropane	41	8.695	8.689	0.006	99	40497	5.00	4.25	
75 1-Bromo-2-chloroethane	63	8.823	8.817	0.006	98	244178	5.00	4.97	
76 cis-1,3-Dichloropropene	75	8.994	8.988	0.006	96	377776	5.00	4.89	
77 4-Methyl-2-pentanone (MIBK)	43	9.177	9.177	0.000	96	1923625	62.5	57.8	
\$ 78 Toluene-d8 (Surr)	98	9.317	9.317	0.000	93	1763406	10.0	10.0	
79 Toluene	92	9.402	9.402	0.000	98	668746	5.00	4.41	
97 trans-1,3-Dichloropropene	75	9.689	9.683	0.006	91	334056	5.00	4.90	
99 Ethyl methacrylate	69	9.762	9.756	0.006	86	262652	5.00	4.75	
100 1,1,2-Trichloroethane	97	9.896	9.896	0.000	89	200985	5.00	4.49	
101 Tetrachloroethene	166	9.982	9.982	0.000	97	414290	5.00	4.48	
102 1,3-Dichloropropane	76	10.061	10.061	0.000	88	315809	5.00	4.83	
103 2-Hexanone	43	10.122	10.122	0.000	95	1370162	62.5	59.4	
105 Chlorodibromomethane	129	10.286	10.286	0.000	89	297582	5.00	4.52	
106 Ethylene Dibromide	107	10.396	10.396	0.000	99	201704	5.00	4.99	
* 107 Chlorobenzene-d5 (IS)	117	10.841	10.841	0.000	84	1398600	10.0	10.0	
108 1-Chlorohexane	91	10.859	10.859	0.000	93	364097	5.00	4.37	
109 Chlorobenzene	112	10.872	10.872	0.000	98	831046	5.00	4.47	
111 1,1,1,2-Tetrachloroethane	131	10.957	10.957	0.000	96	320180	5.00	4.68	
112 Ethylbenzene	91	10.963	10.963	0.000	97	1320576	5.00	4.43	
113 m-Xylene & p-Xylene	106	11.079	11.079	0.000	92	1118872	10.0	8.99	
114 o-Xylene	106	11.414	11.414	0.000	96	544307	5.00	4.52	
115 Styrene	104	11.433	11.432	0.001	95	885267	5.00	4.78	
116 Bromoform	173	11.591	11.585	0.006	98	211038	5.00	4.37	
117 Isopropylbenzene	105	11.719	11.719	0.000	94	1445132	5.00	4.53	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 120 4-Bromofluorobenzene (Surr)	95	11.865	11.865	0.000	96	639357	10.0	10.0	
121 1,1,2,2-Tetrachloroethane	83	11.969	11.969	0.000	95	249652	5.00	4.50	
122 Bromobenzene	156	11.981	11.975	0.006	87	409421	5.00	4.66	
123 trans-1,4-Dichloro-2-butene	53	11.993	11.993	0.000	93	290568	25.0	21.7	
124 1,2,3-Trichloropropane	110	12.012	12.012	0.000	81	76470	5.00	4.43	
125 N-Propylbenzene	91	12.054	12.054	0.000	98	1554577	5.00	4.58	
126 2-Chlorotoluene	126	12.128	12.127	0.001	98	359618	5.00	4.67	
127 1,3,5-Trimethylbenzene	105	12.195	12.195	0.000	94	1205417	5.00	4.48	
128 4-Chlorotoluene	126	12.219	12.219	0.000	96	373621	5.00	4.72	
129 tert-Butylbenzene	134	12.432	12.432	0.000	92	311591	5.00	4.69	
130 Pentachloroethane	167	12.463	12.463	0.000	92	274351	5.00	5.13	
131 1,2,4-Trimethylbenzene	105	12.475	12.475	0.000	96	1218096	5.00	4.33	
132 sec-Butylbenzene	105	12.597	12.597	0.000	93	1565791	5.00	4.41	
133 1,3-Dichlorobenzene	146	12.694	12.694	0.000	97	760640	5.00	4.73	
134 4-Isopropyltoluene	119	12.707	12.707	0.000	97	1406028	5.00	4.47	
* 135 1,4-Dichlorobenzene-d4	152	12.749	12.749	0.000	92	873442	10.0	10.0	
136 1,4-Dichlorobenzene	146	12.768	12.768	0.000	97	792523	5.00	4.45	
137 1,2,3-Trimethylbenzene	120	12.780	12.780	0.000	97	568073	5.00	4.46	
138 Benzyl chloride	126	12.847	12.847	0.000	97	125024	5.00	4.96	
139 n-Butylbenzene	92	12.999	12.999	0.000	97	612150	5.00	4.58	
140 1,2-Dichlorobenzene	146	13.030	13.030	0.000	99	686900	5.00	4.61	
142 1,2-Dibromo-3-Chloropropane	155	13.572	13.572	0.000	94	50499	5.00	4.74	
143 1,3,5-Trichlorobenzene	180	13.700	13.694	0.006	97	640541	5.00	4.91	
144 1,2,4-Trichlorobenzene	180	14.121	14.115	0.006	94	573899	5.00	5.17	
145 Hexachlorobutadiene	225	14.200	14.200	0.000	95	287148	5.00	4.81	
146 Naphthalene	128	14.298	14.292	0.006	96	1007175	5.00	4.86	
147 1,2,3-Trichlorobenzene	180	14.438	14.438	0.000	96	498797	5.00	4.89	
165 Isopropyl alcohol	45		0.000				ND	ND	
150 2-ethoxy-2-methyl butane	1		0.000				ND	ND	
161 Pentane	43		0.000				ND	ND	
156 p-Diethylbenzene	1		0.000				ND	ND	
155 2-Methylnaphthalene	142	15.029	15.029	0.000	92	580419	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00234	Amount Added: 12.50	Units: uL	
MSV_LCS_ACROL_00241	Amount Added: 12.50	Units: uL	
LCS_ETBR_00010	Amount Added: 12.50	Units: uL	
MSV_LCS_EE_00012	Amount Added: 12.50	Units: uL	
MSV_QC_Gas826_00275	Amount Added: 12.50	Units: uL	
MSV_LCS_Penta_00060	Amount Added: 12.50	Units: uL	
MSV_LLcentISS_00018	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 22-Aug-2025 12:41:59

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X22.D

Injection Date: 18-Aug-2025 23:17:30

Instrument ID: 19930

Operator ID: ecr105096

Lims ID: ICV

Worklist Smp#: 22

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

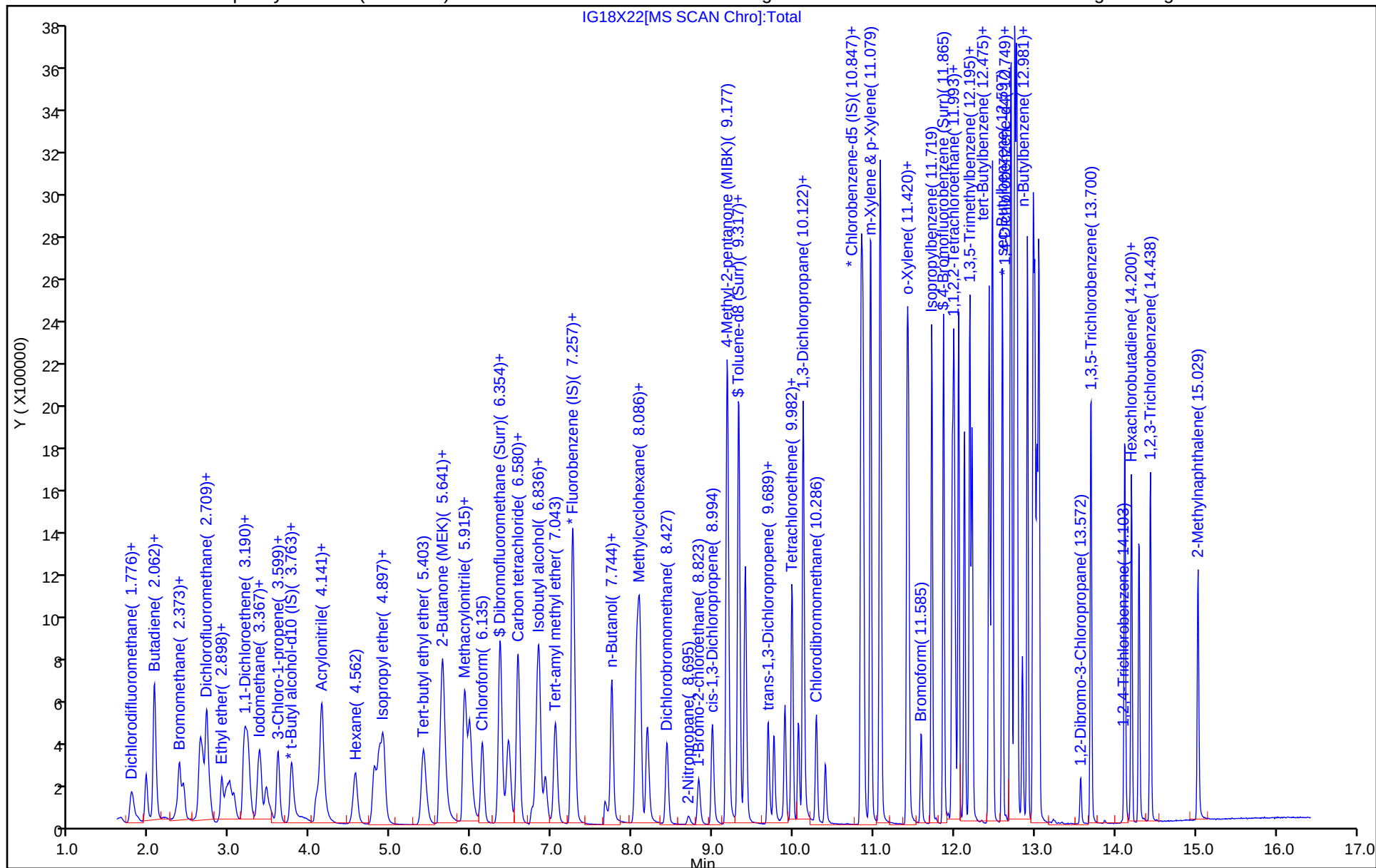
ALS Bottle#: 22

Method: 8260 25ml HP31

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

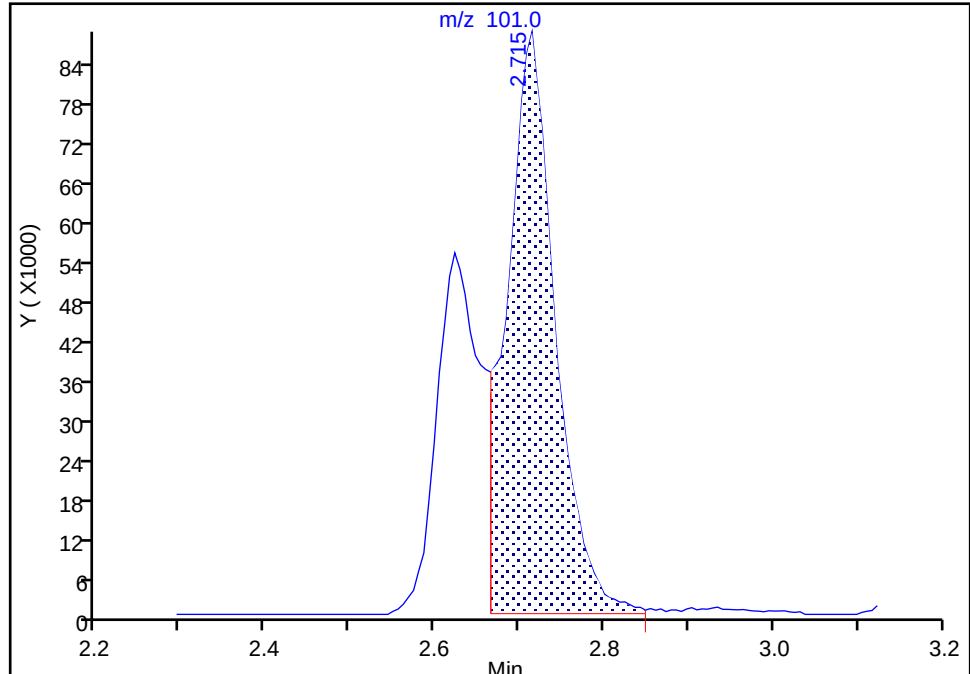
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Injection Date: 18-Aug-2025 23:17:30 Instrument ID: 19930
Lims ID: ICV
Client ID:
Operator ID: ecr105096 ALS Bottle#: 22 Worklist Smp#: 22
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

10 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

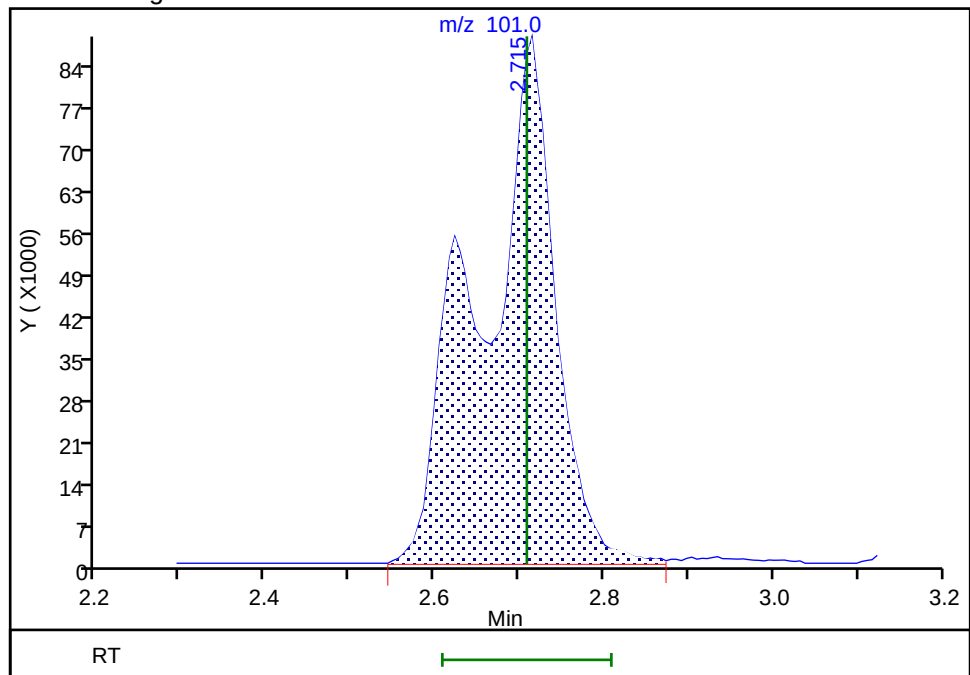
RT: 2.71
Area: 355624
Amount: 3.113930
Amount Units: ug/l

Processing Integration Results



RT: 2.71
Area: 545007
Amount: 4.772213
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 20-Aug-2025 13:19:41 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

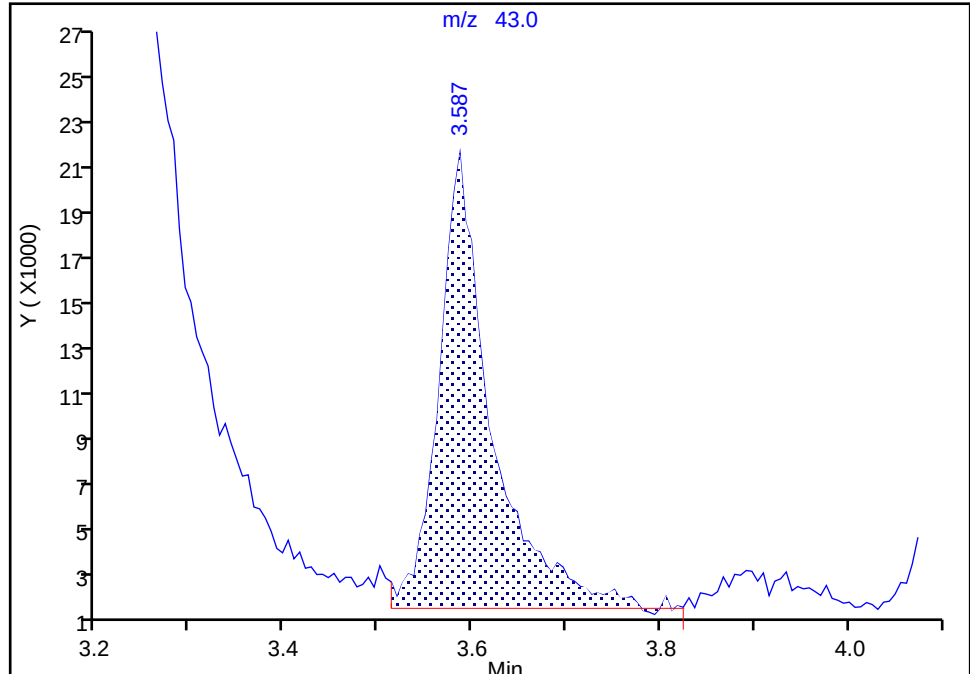
Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X22.D
Injection Date: 18-Aug-2025 23:17:30 Instrument ID: 19930
Lims ID: ICV
Client ID:
Operator ID: ecr105096 ALS Bottle#: 22 Worklist Smp#: 22
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Methyl acetate, CAS: 79-20-9

Signal: 1

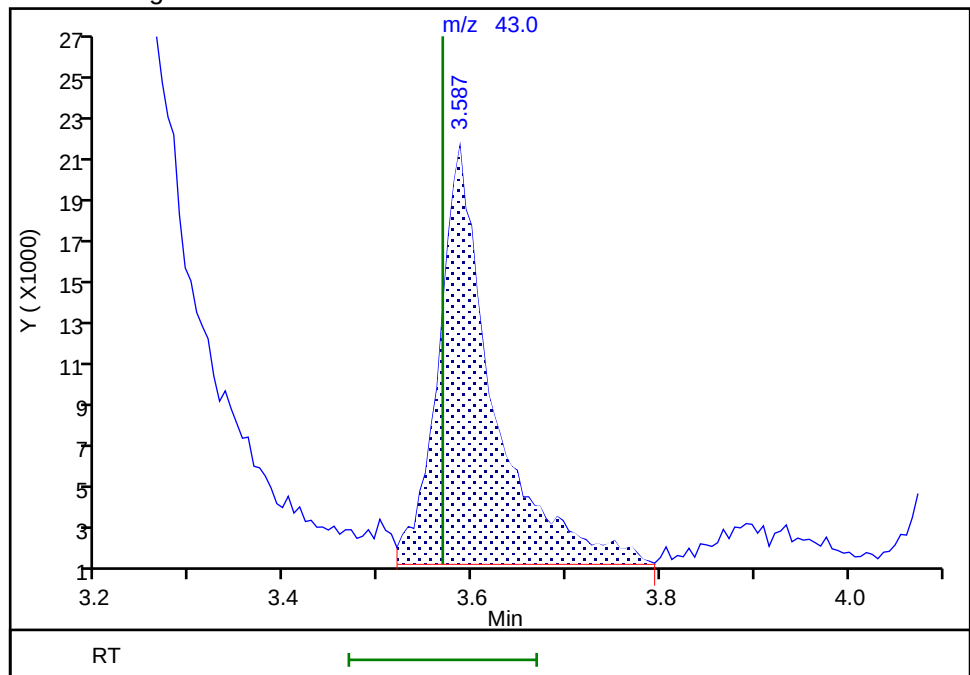
RT: 3.59
Area: 75801
Amount: 4.335795
Amount Units: ug/l

Processing Integration Results



RT: 3.59
Area: 80362
Amount: 4.596683
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 22-Aug-2025 11:17:28 -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.: 410-254861-1

SDG No.:

Lab Sample ID: CCVIS 410-738847/3

Calibration Date: 12/04/2025 09:43

Instrument ID: 19930

Calib Start Date: 08/18/2025 19:53

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

Calib End Date: 08/18/2025 22:36

Lab File ID: ID04X02.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	0.4747	0.4998	0.1000	10.5	10.0	5.0	20.0
Chloromethane	Ave	0.4636	0.4501	0.1000	9.71	10.0	-3.0	20.0
1,3-Butadiene	Ave	0.3871	0.5219		13.5	10.0	35.0*	20.0
Vinyl chloride	Ave	0.4338	0.4388	0.1000	10.1	10.0	1.0	20.0
Bromomethane	Ave	0.3889	0.3561	0.1000	9.16	10.0	-8.0	20.0
Chloroethane	Ave	0.2793	0.2489	0.1000	8.91	10.0	-11.0	20.0
Dichlorofluoromethane	Ave	0.7535	0.6719		8.92	10.0	-11.0	20.0
Trichlorofluoromethane	Ave	0.6723	0.6694	0.1000	9.96	10.0	0.0	20.0
Ethyl ether	Ave	0.1954	0.2185		11.2	10.0	12.0	20.0
Freon 123a	Ave	0.3250	0.3652		11.2	10.0	12.0	20.0
Acrolein	Ave	2.134	2.090		478	488	-2.0	20.0
1,1-Dichloroethene	Ave	0.2787	0.2816	0.1000	10.1	10.0	1.0	20.0
Acetone	Ave	2.355	2.506	0.1000	106	100	6.0	20.0
Freon 113	Ave	0.2695	0.3103	0.1000	11.5	10.0	15.0	20.0
Methyl iodide	Ave	0.6474	0.6125		9.46	10.0	-5.0	20.0
Ethyl bromide	Ave	0.2650	0.2827		10.7	10.0	7.0	20.0
Carbon disulfide	Ave	0.7999	0.7870	0.1000	9.84	10.0	-2.0	20.0
Methyl acetate	Ave	5.903	6.784	0.1000	11.5	10.0	15.0	20.0
Allyl chloride	Ave	0.3975	0.3597		9.05	10.0	-9.0	20.0
Methylene Chloride	Ave	0.3004	0.3102	0.1000	10.3	10.0	3.0	20.0
t-Butyl alcohol	Ave	0.9604	1.020		212	200	6.0	20.0
Acrylonitrile	Ave	3.156	3.142		24.9	25.0	0.0	20.0
Methyl tert-butyl ether	Ave	0.7828	0.7779	0.1000	9.94	10.0	-1.0	20.0
trans-1,2-Dichloroethene	Ave	0.3339	0.3247	0.1000	9.73	10.0	-3.0	20.0
n-Hexane	Ave	0.3703	0.3722		10.1	10.0	1.0	20.0
1,1-Dichloroethane	Ave	0.5314	0.5377	0.2000	10.1	10.0	1.0	20.0
di-Isopropyl ether	Ave	0.8041	0.7686		9.56	10.0	-4.0	20.0
2-Chloro-1,3-butadiene	Ave	0.3999	0.4101		10.3	10.0	3.0	20.0
Ethyl t-butyl ether	Ave	0.8346	0.7985		9.57	10.0	-4.0	20.0
2-Butanone (MEK)	Ave	4.147	4.107	0.1000	99.0	100	-1.0	20.0
cis-1,2-Dichloroethene	Ave	0.3692	0.3671	0.1000	9.94	10.0	-1.0	20.0
2,2-Dichloropropane	Ave	0.5213	0.4973		9.54	10.0	-5.0	20.0
Propionitrile	Ave	1.126	1.255		223	200	11.0	20.0
Methacrylonitrile	Ave	4.336	4.489		104	100	4.0	20.0
Bromochloromethane	Ave	0.1813	0.1768		9.75	10.0	-2.0	20.0
Tetrahydrofuran	Ave	1.508	1.376		45.6	50.0	-9.0	20.0
Chloroform	Ave	0.6009	0.5761	0.2000	9.59	10.0	-4.0	20.0
1,1,1-Trichloroethane	Ave	0.5817	0.5223	0.1000	8.98	10.0	-10.0	20.0
Cyclohexane	Ave	0.4752	0.4410	0.1000	9.28	10.0	-7.0	20.0
Carbon tetrachloride	Ave	0.5248	0.4897	0.1000	9.33	10.0	-7.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.: _____

Lab Sample ID: CCVIS 410-738847/3

Calibration Date: 12/04/2025 09:43

Instrument ID: 19930

Calib Start Date: 08/18/2025 19:53

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

Calib End Date: 08/18/2025 22:36

Lab File ID: ID04X02.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	0.4332	0.4268		9.85	10.0	-1.0	20.0
Isobutyl alcohol	Ave	0.3124	0.2986		478	500	-4.0	20.0
Benzene	Ave	1.331	1.257	0.5000	9.44	10.0	-6.0	20.0
1,2-Dichloroethane	Ave	0.3508	0.3397	0.1000	9.68	10.0	-3.0	20.0
t-Amyl methyl ether	Ave	0.8617	0.7773		9.02	10.0	-10.0	20.0
n-Heptane	Ave	0.3576	0.3377		9.45	10.0	-6.0	20.0
n-Butanol	Qua		0.2819		809	875	-8.0	20.0
Trichloroethene	Ave	0.3730	0.3554	0.2000	9.53	10.0	-5.0	20.0
Methylcyclohexane	Ave	0.5640	0.5495	0.1000	9.74	10.0	-3.0	20.0
1,2-Dichloropropane	Ave	0.3107	0.3099	0.1000	9.97	10.0	0.0	20.0
1,4-Dioxane	Ave	0.0685	0.0746	0.0050	545	500	9.0	20.0
Methyl methacrylate	Ave	8.787	8.263		9.40	10.0	-6.0	20.0
Dibromomethane	Ave	0.1717	0.1713		9.98	10.0	0.0	20.0
Bromodichloromethane	Ave	0.4314	0.4240	0.2000	9.83	10.0	-2.0	20.0
2-Nitropropane	Ave	3.220	2.615		40.6	50.0	-19.0	20.0
1-Bromo-2-chloroethane	Ave	0.2893	0.3233		11.2	10.0	12.0	20.0
cis-1,3-Dichloropropene	Ave	0.4548	0.4836	0.2000	10.6	10.0	6.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	11.25	10.23	0.1000	90.9	100	-9.0	20.0
Toluene	Ave	1.084	1.058	0.4000	9.76	10.0	-2.0	20.0
trans-1,3-Dichloropropene	Ave	0.4870	0.5132	0.1000	10.5	10.0	5.0	20.0
Ethyl methacrylate	Ave	0.3950	0.4010		10.2	10.0	2.0	20.0
1,1,2-Trichloroethane	Ave	0.3199	0.3144	0.1000	9.83	10.0	-2.0	20.0
Tetrachloroethene	Ave	0.6616	0.5602	0.2000	8.47	10.0	-15.0	20.0
1,3-Dichloropropane	Ave	0.4672	0.5054		10.8	10.0	8.0	20.0
2-Hexanone	Ave	7.790	7.155	0.1000	91.8	100	-8.0	20.0
Dibromochloromethane	Ave	0.4711	0.4461		9.47	10.0	-5.0	20.0
1,2-Dibromoethane (EDB)	Ave	0.2891	0.3117	0.1000	10.8	10.0	8.0	20.0
1-Chlorohexane	Ave	0.5959	0.5736		9.63	10.0	-4.0	20.0
Chlorobenzene	Ave	1.330	1.291	0.5000	9.70	10.0	-3.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4888	0.4707		9.63	10.0	-4.0	20.0
Ethylbenzene	Ave	2.133	2.022	0.1000	9.48	10.0	-5.0	20.0
m&p-Xylene	Ave	0.8897	0.8426	0.1000	18.9	20.0	-5.0	20.0
o-Xylene	Ave	0.8620	0.8135	0.3000	9.44	10.0	-6.0	20.0
Styrene	Ave	1.324	1.317	0.3000	9.95	10.0	-1.0	20.0
Bromoform	Ave	0.3455	0.2630	0.1000	7.61	10.0	-24.0*	20.0
Isopropylbenzene	Ave	2.278	2.074	0.1000	9.10	10.0	-9.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6351	0.7131	0.3000	11.2	10.0	12.0	20.0
Bromobenzene	Ave	1.006	0.999		9.93	10.0	-1.0	20.0
trans-1,4-Dichloro-2-butene	Ave	4.522	2.862		63.3	100	-37.0*	20.0
1,2,3-Trichloropropane	Ave	0.1975	0.2047		10.4	10.0	4.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Lab Sample ID: CCVIS 410-738847/3

Calibration Date: 12/04/2025 09:43

Instrument ID: 19930

Calib Start Date: 08/18/2025 19:53

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

Calib End Date: 08/18/2025 22:36

Lab File ID: ID04X02.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
N-Propylbenzene	Ave	3.885	4.152		10.7	10.0	7.0	20.0
2-Chlorotoluene	Ave	0.8822	0.9292		10.5	10.0	5.0	20.0
1,3,5-Trimethylbenzene	Ave	3.078	3.107		10.1	10.0	1.0	20.0
4-Chlorotoluene	Ave	0.9068	0.9776		10.8	10.0	8.0	20.0
tert-Butylbenzene	Ave	0.7608	0.7459		9.80	10.0	-2.0	20.0
Pentachloroethane	Ave	0.6126	0.6243		10.2	10.0	2.0	20.0
1,2,4-Trimethylbenzene	Ave	3.219	3.176		9.87	10.0	-1.0	20.0
sec-Butylbenzene	Ave	4.061	3.967		9.77	10.0	-2.0	20.0
1,3-Dichlorobenzene	Ave	1.841	1.845	0.6000	10.0	10.0	0.0	20.0
p-Isopropyltoluene	Ave	3.601	3.541		9.83	10.0	-2.0	20.0
1,4-Dichlorobenzene	Ave	2.039	1.904	0.5000	9.34	10.0	-7.0	20.0
1,2,3-Trimethylbenzene	Ave	1.460	1.389		9.52	10.0	-5.0	20.0
Benzyl chloride	Ave	0.2887	0.3205		11.1	10.0	11.0	20.0
n-Butylbenzene	Ave	1.529	1.628		10.6	10.0	6.0	20.0
1,2-Dichlorobenzene	Ave	1.705	1.712	0.4000	10.0	10.0	0.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1219	0.1212	0.0500	9.94	10.0	-1.0	20.0
1,3,5-Trichlorobenzene	Ave	1.493	1.399		9.38	10.0	-6.0	20.0
1,2,4-Trichlorobenzene	Ave	1.272	1.244	0.2000	9.78	10.0	-2.0	20.0
Hexachlorobutadiene	Ave	0.6838	0.5796		8.48	10.0	-15.0	20.0
Naphthalene	Ave	2.372	2.475		10.4	10.0	4.0	20.0
1,2,3-Trichlorobenzene	Ave	1.167	1.112		9.53	10.0	-5.0	20.0
2-Methylnaphthalene	None					10.0		20.0
Dibromofluoromethane (Surr)	Ave	0.2723	0.2654		9.75	10.0	-3.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0551	0.0543		9.85	10.0	-1.0	20.0
Toluene-d8 (Surr)	Ave	1.258	1.295		10.3	10.0	3.0	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4560	0.4502		9.87	10.0	-1.0	20.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X02.D
 Lims ID: CCVIS VSTD10
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 04-Dec-2025 09:43:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168823-003
 Misc. Info.: CCVIS VSTD10
 Operator ID: ecr105096 Instrument ID: 19930
 Sublist: chrom-8260 25ml HP31*sub2
 Method: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\8260 25ml HP31.m
 Limit Group: MSV - 8260C_D
 Last Update: 04-Dec-2025 15:55:04 Calib Date: 21-Aug-2025 16:36:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250821-157302.b\IG21X08.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1629

First Level Reviewer: N7YK

Date: 04-Dec-2025 10:20:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.788	1.788	0.000	99	1050965	10.0	10.5	
4 Chloromethane	50	1.971	1.971	0.000	99	946419	10.0	9.71	
6 Butadiene	39	2.056	2.056	0.000	90	1097415	10.0	13.5	
5 Vinyl chloride	62	2.075	2.075	0.000	98	922687	10.0	10.1	
7 Bromomethane	94	2.379	2.379	0.000	90	748898	10.0	9.16	
8 Chloroethane	64	2.422	2.422	0.000	99	523498	10.0	8.91	
9 Dichlorofluoromethane	67	2.635	2.635	0.000	97	1412963	10.0	8.92	
10 Trichlorofluoromethane	101	2.721	2.721	0.000	97	1407629	10.0	9.96	M
11 Ethyl ether	59	2.904	2.904	0.000	87	459470	10.0	11.2	
13 1,2-Dichloro-1,1,2-trifluoroetha	67	2.989	2.989	0.000	93	768022	10.0	11.2	
14 Acrolein	56	3.050	3.050	0.000	99	3951262	487.9	478.0	
15 1,1-Dichloroethene	96	3.184	3.184	0.000	95	592268	10.0	10.1	
16 Acetone	43	3.202	3.202	0.000	100	970727	100.0	106.4	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.227	3.227	0.000	90	652441	10.0	11.5	
18 Iodomethane	142	3.361	3.361	0.000	97	1288135	10.0	9.46	
19 Ethyl bromide	108	3.379	3.379	0.000	98	594414	10.0	10.7	
20 Carbon disulfide	76	3.458	3.458	0.000	99	1654967	10.0	9.84	
23 Methyl acetate	43	3.593	3.593	0.000	95	262814	10.0	11.5	
24 3-Chloro-1-propene	41	3.605	3.605	0.000	89	756522	10.0	9.05	
25 Methylene Chloride	84	3.775	3.775	0.000	85	652265	10.0	10.3	
* 26 t-Butyl alcohol-d10 (IS)	65	3.788	3.788	0.000	91	193689	50.0	50.0	
27 2-Methyl-2-propanol	59	3.891	3.891	0.000	100	790581	200.0	212.5	
28 Acrylonitrile	53	4.086	4.086	0.000	97	304301	25.0	24.9	
29 Methyl tert-butyl ether	73	4.141	4.141	0.000	93	1635885	10.0	9.94	
30 trans-1,2-Dichloroethene	96	4.153	4.153	0.000	96	682867	10.0	9.73	
31 Hexane	57	4.574	4.574	0.000	90	782737	10.0	10.1	
32 1,1-Dichloroethane	63	4.806	4.806	0.000	96	1130789	10.0	10.1	
35 Isopropyl ether	45	4.873	4.873	0.000	92	1616398	10.0	9.56	
36 2-Chloro-1,3-butadiene	53	4.916	4.916	0.000	89	862419	10.0	10.3	
37 Tert-butyl ethyl ether	59	5.415	5.415	0.000	96	1679183	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
38 2-Butanone (MEK)	43	5.617	5.617	0.000	98	1590835	100.0	99.0	
39 cis-1,2-Dichloroethene	96	5.647	5.647	0.000	79	771980	10.0	9.94	
40 2,2-Dichloropropane	77	5.659	5.659	0.000	86	1045871	10.0	9.54	
43 Propionitrile	54	5.702	5.702	0.000	99	972627	200.0	223.0	
45 Methacrylonitrile	67	5.921	5.921	0.000	88	1738962	100.0	103.5	
46 Chlorobromomethane	128	5.982	5.982	0.000	84	371714	10.0	9.75	
47 Tetrahydrofuran	71	5.995	5.995	0.000	75	266449	50.0	45.6	
48 Chloroform	83	6.141	6.141	0.000	92	1211527	10.0	9.59	
\$ 49 Dibromofluoromethane (Surr)	113	6.360	6.360	0.000	93	558214	10.0	9.75	
50 1,1,1-Trichloroethane	97	6.366	6.366	0.000	97	1098408	10.0	8.98	
51 Cyclohexane	56	6.464	6.464	0.000	86	927401	10.0	9.28	
54 Carbon tetrachloride	117	6.580	6.580	0.000	97	1029722	10.0	9.33	
53 1,1-Dichloropropene	75	6.586	6.586	0.000	97	897539	10.0	9.85	
55 Isobutyl alcohol	41	6.751	6.751	0.000	93	578359	500.0	478.0	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	6.811	6.811	0.000	93	114151	10.0	9.85	
57 Benzene	78	6.842	6.842	0.000	95	2642700	10.0	9.44	
58 1,2-Dichloroethane	62	6.915	6.915	0.000	98	714322	10.0	9.68	
60 Tert-amyl methyl ether	73	7.043	7.043	0.000	99	1634545	10.0	9.02	
* 61 Fluorobenzene (IS)	96	7.257	7.257	0.000	99	2102911	10.0	10.0	
62 n-Heptane	43	7.281	7.281	0.000	86	710199	10.0	9.45	
63 n-Butanol	56	7.647	7.647	0.000	86	955605	875.0	808.8	
64 Trichloroethene	95	7.738	7.738	0.000	95	747411	10.0	9.53	
65 Methylcyclohexane	83	8.043	8.043	0.000	89	1155476	10.0	9.74	
66 1,2-Dichloropropane	63	8.067	8.067	0.000	97	651776	10.0	9.97	
68 1,4-Dioxane	88	8.171	8.171	0.000	43	144570	500.0	544.8	
67 Methyl methacrylate	69	8.171	8.171	0.000	87	320087	10.0	9.40	
69 Dibromomethane	93	8.183	8.183	0.000	92	360173	10.0	9.98	
71 Dichlorobromomethane	83	8.421	8.421	0.000	99	891662	10.0	9.83	
72 2-Nitropropane	41	8.683	8.683	0.000	97	506478	50.0	40.6	
75 1-Bromo-2-chloroethane	63	8.811	8.811	0.000	98	679898	10.0	11.2	
76 cis-1,3-Dichloropropene	75	8.982	8.982	0.000	97	1016927	10.0	10.6	
77 4-Methyl-2-pentanone (MIBK)	43	9.165	9.165	0.000	94	3962035	100.0	90.9	
\$ 78 Toluene-d8 (Surr)	98	9.311	9.311	0.000	92	2136215	10.0	10.3	
79 Toluene	92	9.390	9.390	0.000	98	1744756	10.0	9.76	
97 trans-1,3-Dichloropropene	75	9.671	9.671	0.000	90	846384	10.0	10.5	
99 Ethyl methacrylate	69	9.744	9.744	0.000	86	661400	10.0	10.2	
100 1,1,2-Trichloroethane	97	9.878	9.878	0.000	89	518560	10.0	9.83	
101 Tetrachloroethene	166	9.969	9.969	0.000	98	923912	10.0	8.47	
102 1,3-Dichloropropane	76	10.049	10.049	0.000	87	833485	10.0	10.8	
103 2-Hexanone	43	10.104	10.104	0.000	94	2771689	100.0	91.8	
105 Chlorodibromomethane	129	10.268	10.268	0.000	89	735809	10.0	9.47	
106 Ethylene Dibromide	107	10.384	10.384	0.000	99	514082	10.0	10.8	
* 107 Chlorobenzene-d5 (IS)	117	10.829	10.829	0.000	82	1649258	10.0	10.0	
108 1-Chlorohexane	91	10.841	10.841	0.000	92	946031	10.0	9.63	
109 Chlorobenzene	112	10.853	10.853	0.000	98	2129058	10.0	9.70	
111 1,1,1,2-Tetrachloroethane	131	10.939	10.939	0.000	96	776349	10.0	9.63	
112 Ethylbenzene	91	10.945	10.945	0.000	97	3334715	10.0	9.48	
113 m-Xylene & p-Xylene	106	11.061	11.061	0.000	92	2779403	20.0	18.9	
114 o-Xylene	106	11.396	11.396	0.000	95	1341703	10.0	9.44	
115 Styrene	104	11.414	11.414	0.000	94	2171806	10.0	9.95	
116 Bromoform	173	11.573	11.573	0.000	99	433747	10.0	7.61	
117 Isopropylbenzene	105	11.701	11.701	0.000	95	3420806	10.0	9.10	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 120 4-Bromofluorobenzene (Surr)	95	11.847	11.847	0.000	96	742469	10.0	9.87	
121 1,1,2,2-Tetrachloroethane	83	11.951	11.951	0.000	93	657387	10.0	11.2	
122 Bromobenzene	156	11.963	11.963	0.000	96	920528	10.0	9.93	
123 trans-1,4-Dichloro-2-butene	53	11.975	11.975	0.000	89	1108484	100.0	63.3	
124 1,2,3-Trichloropropane	110	11.993	11.993	0.000	79	188695	10.0	10.4	
125 N-Propylbenzene	91	12.036	12.036	0.000	98	3827659	10.0	10.7	
126 2-Chlorotoluene	126	12.109	12.109	0.000	98	856557	10.0	10.5	
127 1,3,5-Trimethylbenzene	105	12.170	12.170	0.000	94	2864343	10.0	10.1	
128 4-Chlorotoluene	126	12.201	12.201	0.000	96	901205	10.0	10.8	
129 tert-Butylbenzene	134	12.414	12.414	0.000	92	687610	10.0	9.80	
130 Pentachloroethane	167	12.445	12.445	0.000	92	575563	10.0	10.2	
131 1,2,4-Trimethylbenzene	105	12.457	12.457	0.000	96	2927806	10.0	9.87	
132 sec-Butylbenzene	105	12.579	12.579	0.000	93	3656719	10.0	9.77	
133 1,3-Dichlorobenzene	146	12.676	12.676	0.000	98	1700787	10.0	10.0	
134 4-Isopropyltoluene	119	12.688	12.688	0.000	97	3264475	10.0	9.83	
* 135 1,4-Dichlorobenzene-d4	152	12.731	12.731	0.000	92	921870	10.0	10.0	
136 1,4-Dichlorobenzene	146	12.749	12.749	0.000	96	1755364	10.0	9.34	
137 1,2,3-Trimethylbenzene	120	12.762	12.762	0.000	97	1280643	10.0	9.52	
138 Benzyl chloride	126	12.829	12.829	0.000	97	295475	10.0	11.1	
139 n-Butylbenzene	92	12.981	12.981	0.000	97	1500560	10.0	10.6	
140 1,2-Dichlorobenzene	146	13.005	13.005	0.000	99	1578119	10.0	10.0	
142 1,2-Dibromo-3-Chloropropane	155	13.548	13.548	0.000	91	111750	10.0	9.94	
143 1,3,5-Trichlorobenzene	180	13.676	13.676	0.000	97	1290157	10.0	9.38	
144 1,2,4-Trichlorobenzene	180	14.097	14.097	0.000	94	1146705	10.0	9.78	
145 Hexachlorobutadiene	225	14.182	14.182	0.000	96	534335	10.0	8.48	
146 Naphthalene	128	14.273	14.273	0.000	96	2281413	10.0	10.4	
147 1,2,3-Trichlorobenzene	180	14.414	14.414	0.000	96	1024861	10.0	9.53	
161 Pentane	43		0.000				ND	ND	
150 2-ethoxy-2-methyl butane	1		0.000				ND	ND	
165 Isopropyl alcohol	45		0.000				ND	ND	
156 p-Diethylbenzene	1		0.000				ND	ND	
155 2-Methylnaphthalene	142	15.005	15.005	0.000	92	1090614	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_LL_#1_826_00185

Amount Added: 20.00

Units: uL

MSV_LL_#2_826_00201

Amount Added: 20.00

Units: uL

MSV_LL_GAS826_00300

Amount Added: 20.00

Units: uL

MSV_LLcentISS_00019

Amount Added: 5.00

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X02.D

Injection Date: 04-Dec-2025 09:43:30

Instrument ID: 19930

Operator ID: ecr105096

Lims ID: CCVIS VSTD10

Worklist Smp#: 3

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

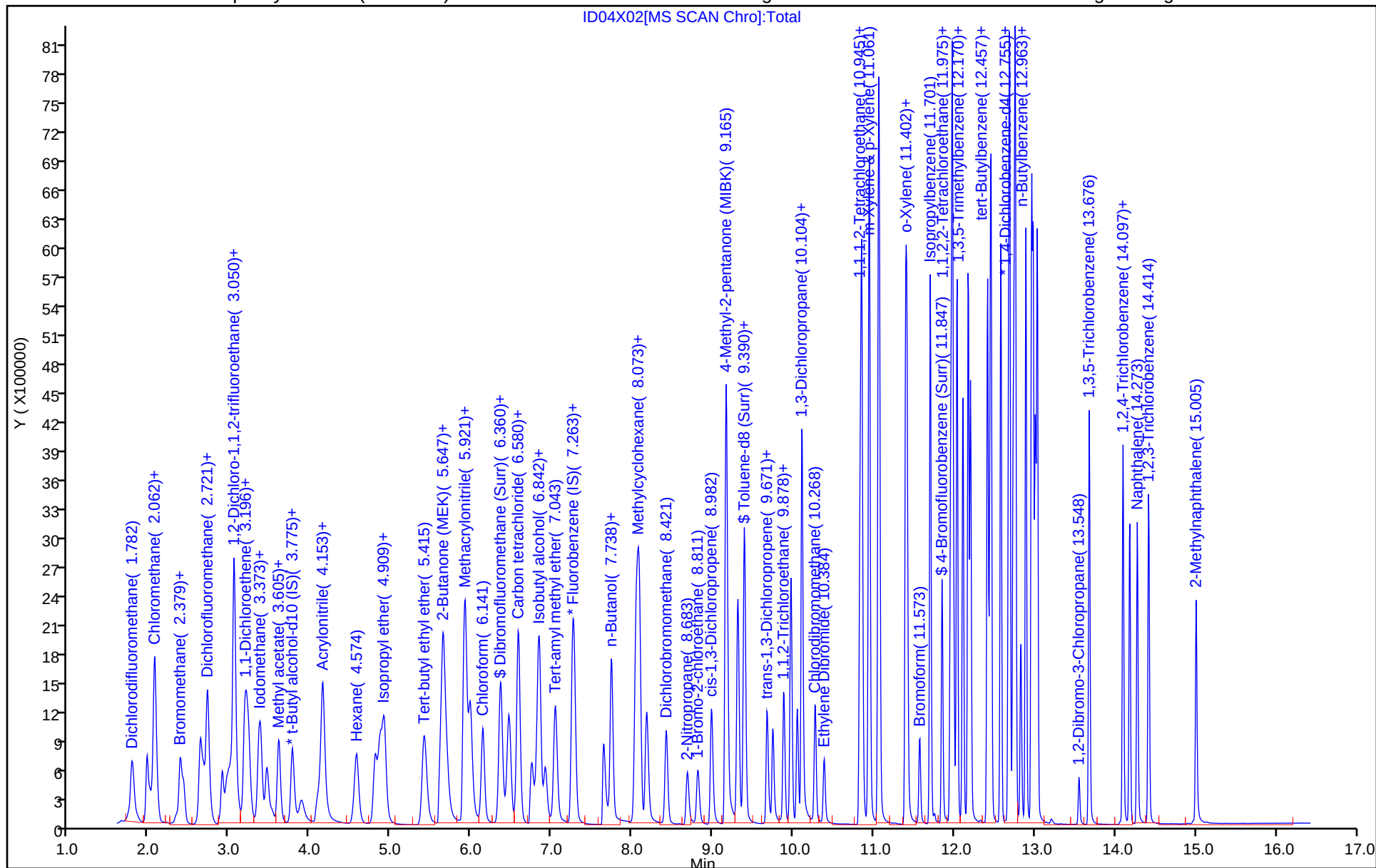
ALS Bottle#: 2

Method: 8260 25ml HP31

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

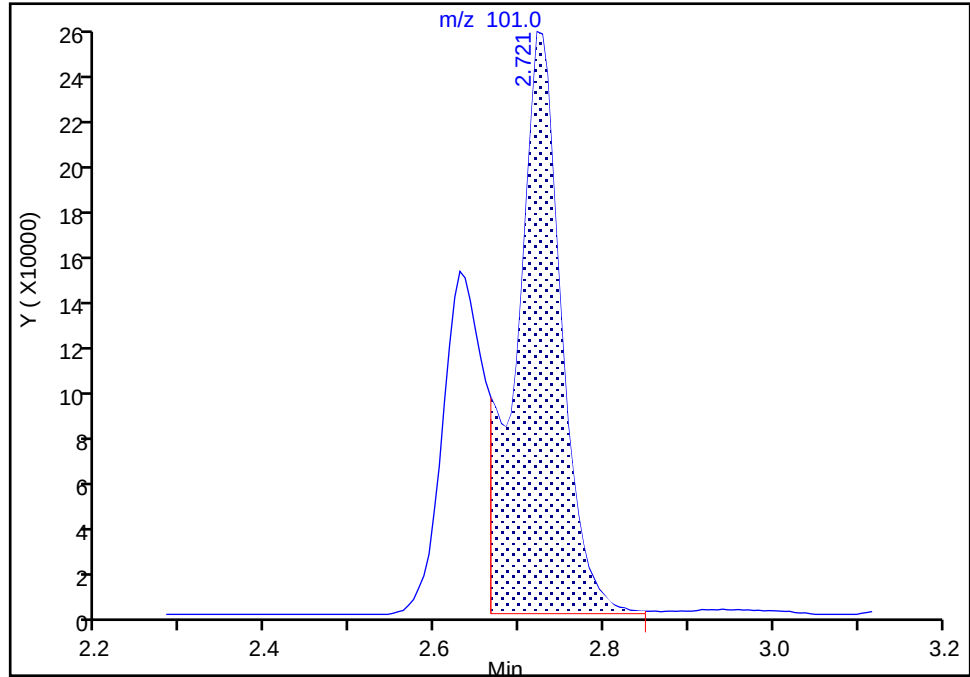
Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X02.D
Injection Date: 04-Dec-2025 09:43:30 Instrument ID: 19930
Lims ID: CCVIS VSTD10
Client ID:
Operator ID: ecr105096 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: 8260 25ml HP31 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

10 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

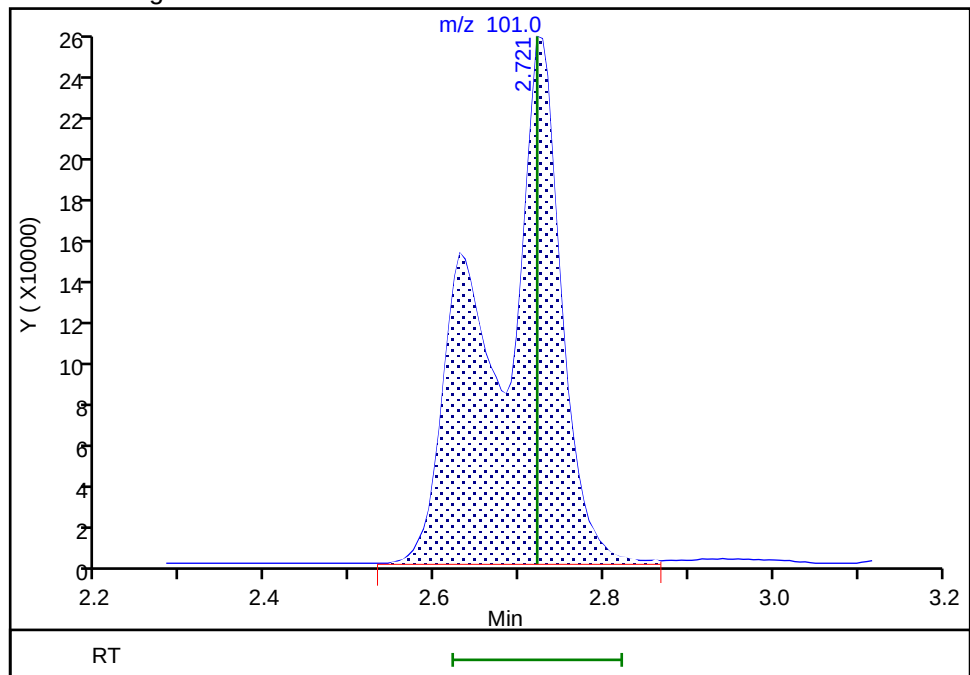
RT: 2.72
Area: 938198
Amount: 6.636042
Amount Units: ug/l

Processing Integration Results



RT: 2.72
Area: 1407629
Amount: 9.956411
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 04-Dec-2025 10:19:02 -05:00:00 (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\16334\20251124-167907.b\GN24T03.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 24-Nov-2025 21:01:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0167907-001
Misc. Info.: bfb
Operator ID: gaw91131 Instrument ID: 16334
Method: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\MSV_16334_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 25-Nov-2025 15:47:34 Calib Date: 25-Nov-2025 04:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1704

First Level Reviewer: JS6E

Date: 24-Nov-2025 21:19:05

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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\$ 184 BFB	95	5.203	5.203	0.000	0	456110	NR	NR	a
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QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

a - User Assigned ID

Reagents:

MSV_V_BFB_00021 Amount Added: 1.00 Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

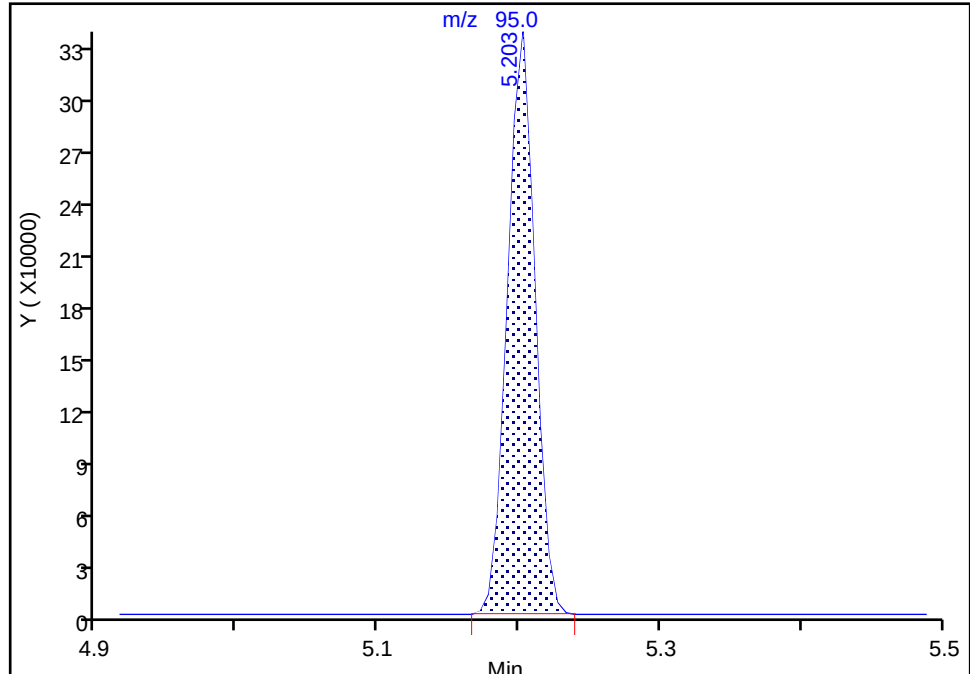
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Injection Date: 24-Nov-2025 21:01:30 Instrument ID: 16334
Lims ID: bfb
Client ID:
Operator ID: gaw91131 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

\$ 184 BFB, CAS: 460-00-4

Signal: 1

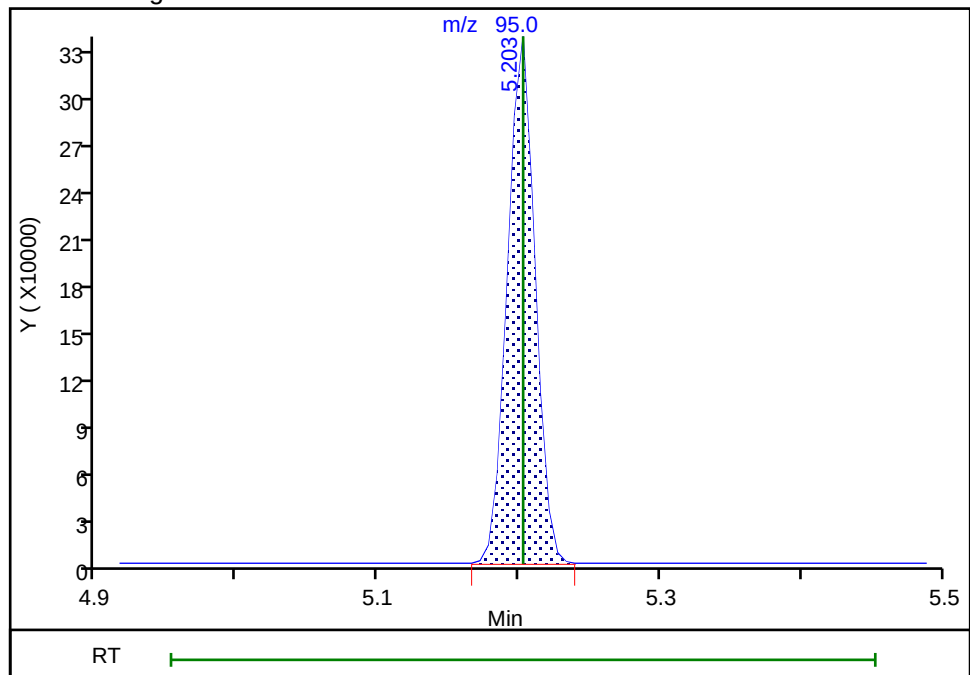
RT: 5.20
Area: 456110
Amount: 0
Amount Units: ug/l

Processing Integration Results



RT: 5.20
Area: 456110
Amount: 0
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 24-Nov-2025 21:19:02 -05:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24T03.D

Injection Date: 24-Nov-2025 21:01:30

Instrument ID: 16334

Lims ID: bfb

Client ID:

Operator ID: gaw91131

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

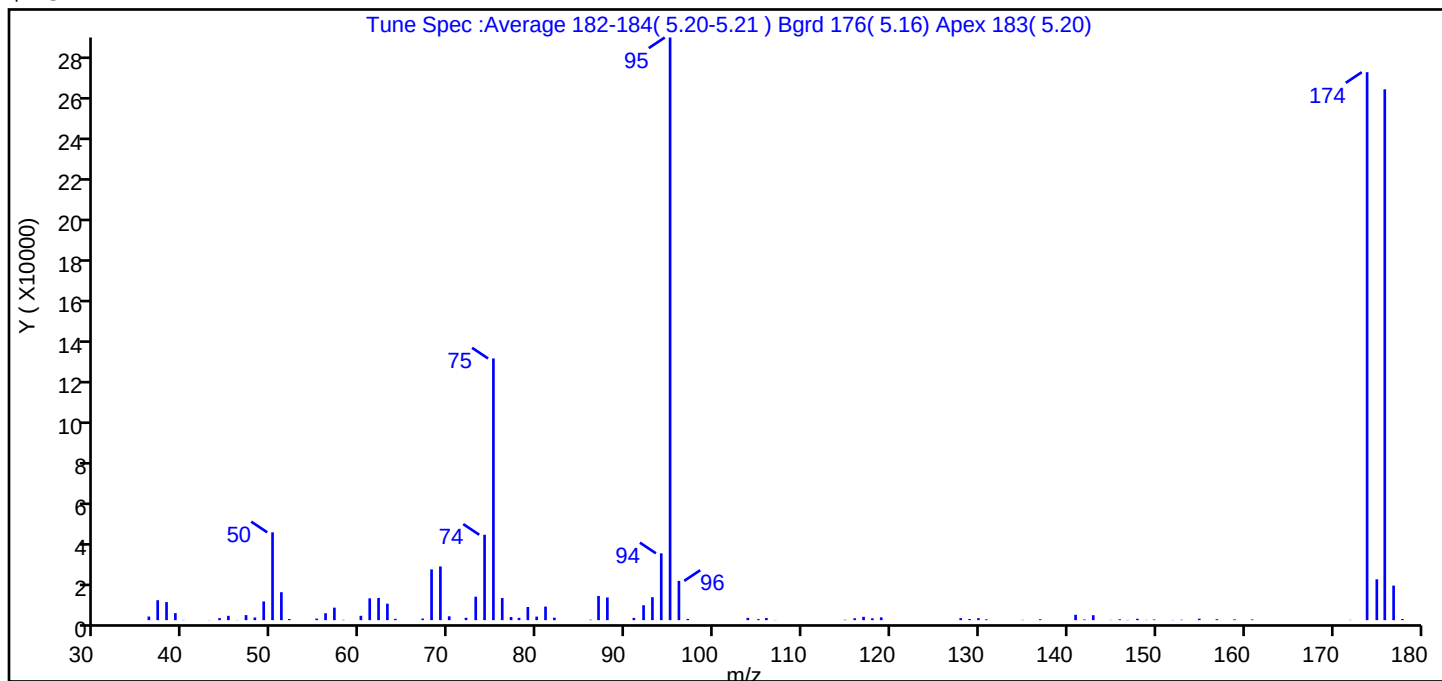
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

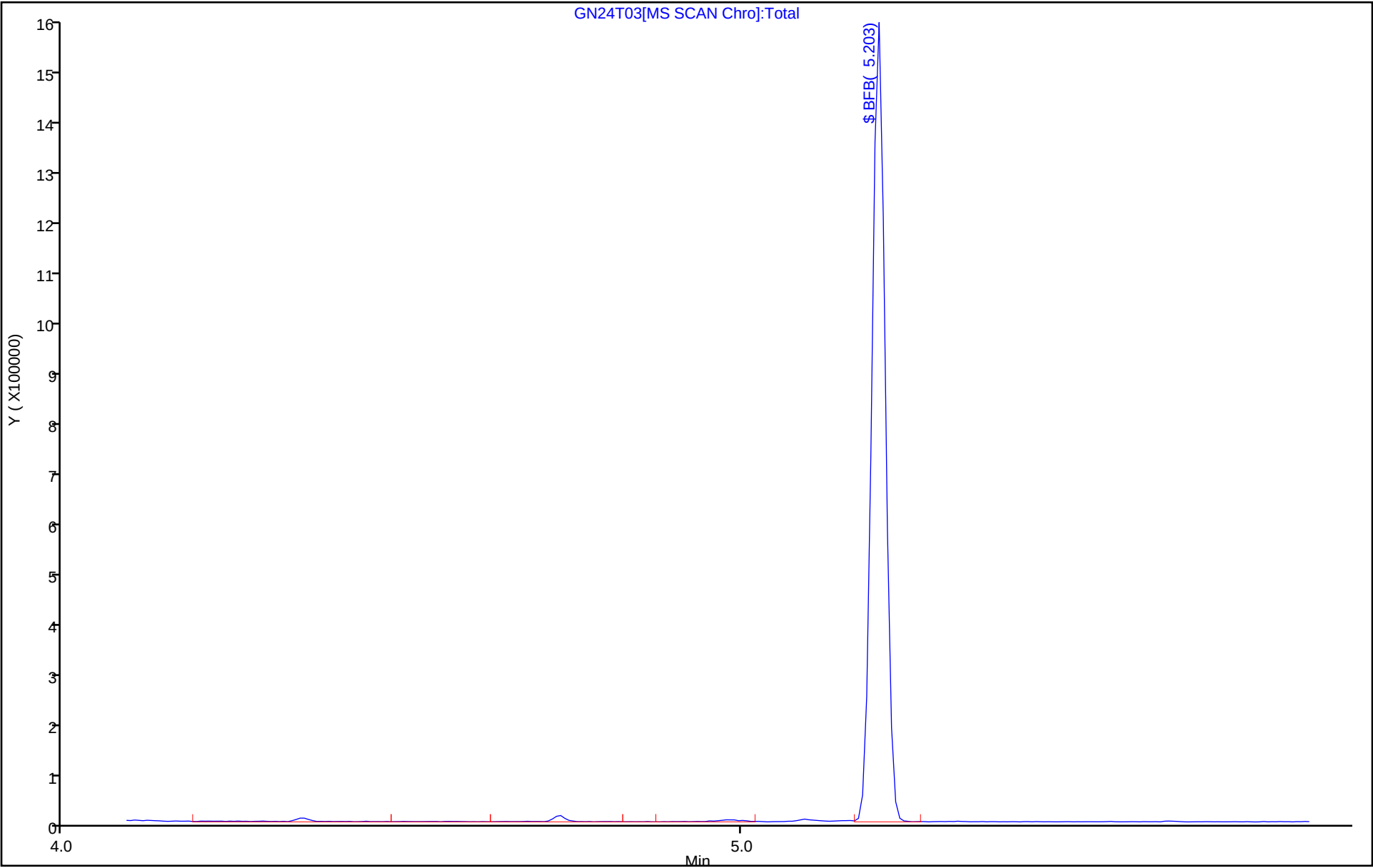
\$ 184 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.1
75	30 to 60% of m/z 95	44.9
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	94.0
175	5 to 9% of m/z 174	7.0 (7.5)
176	Greater than 95% but less than 101% of m/z 174	91.1 (96.9)
177	5 to 9% of m/z 176	5.9 (6.5)

Data File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24T03.D\MSV_16334_25mL.rslt\spectra.d
Injection Date: 24-Nov-2025 21:01:30
Spectrum: Tune Spec :Average 182-184(5.20-5.21) Bgrd 176(5.16) Apex 183(5.20)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 85

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1783	63.00	8138	93.00	11335	143.00	2451
37.00	9846	64.00	639	94.00	33016	145.00	109
38.00	8933	67.00	777	95.00	287872	146.00	418
39.00	3463	68.00	25072	96.00	19408	147.00	126
40.00	104	69.00	26512	97.00	599	148.00	676
43.00	83	70.00	1902	104.00	1115	149.00	106
44.00	1003	72.00	1185	105.00	494	150.00	324
45.00	2122	73.00	11585	106.00	1069	152.00	90
46.00	91	74.00	42184	107.00	91	153.00	203
47.00	2493	75.00	129280	115.00	211	155.00	716
48.00	1306	76.00	10920	116.00	926	157.00	482
49.00	9244	77.00	1543	117.00	1638	159.00	386
50.00	43392	78.00	1127	118.00	909	161.00	341
51.00	13797	79.00	6499	119.00	1381	172.00	116
52.00	545	80.00	1742	128.00	989	174.00	270720
55.00	769	81.00	6694	129.00	546	175.00	20176
56.00	3417	82.00	1226	130.00	968	176.00	262272
57.00	6184	86.00	220	131.00	416	177.00	17072
58.00	182	87.00	11939	135.00	144	178.00	553
60.00	2143	88.00	11204	137.00	431		
61.00	10767	91.00	1113	141.00	2641		
62.00	10977	92.00	7352	142.00	328		



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03T01.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 03-Dec-2025 21:26:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0168772-001
Misc. Info.: BFB
Operator ID: ncc117024 Instrument ID: 16334
Method: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\MSV_16334_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 04-Dec-2025 00:33:53 Calib Date: 25-Nov-2025 04:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1621

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 184 BFB	95	5.196	5.196	0.000	0	634311	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

MSV_V_BFB_00021

Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03T01.D

Injection Date: 03-Dec-2025 21:26:30

Instrument ID: 16334

Lims ID: BFB

Client ID:

Operator ID: ncc117024

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

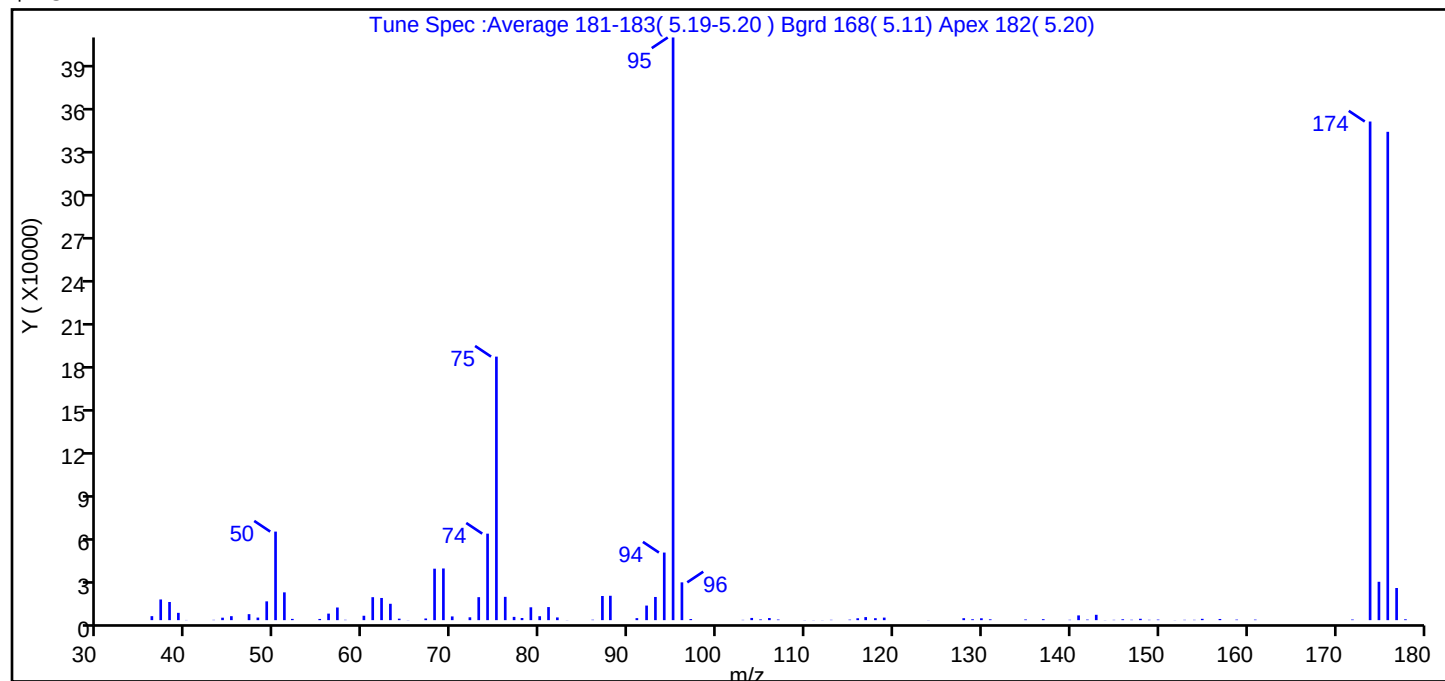
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

\$ 184 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.2
75	30 to 60% of m/z 95	45.2
96	5 to 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	85.6
175	5 to 9% of m/z 174	6.6 (7.7)
176	Greater than 95% but less than 101% of m/z 174	83.8 (97.9)
177	5 to 9% of m/z 176	5.5 (6.6)

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03T01.D\MSV_16334_25mL.rsl\spectra.d
 Injection Date: 03-Dec-2025 21:26:30
 Spectrum: Tune Spec :Average 181-183(5.19-5.20) Bgrd 168(5.11) Apex 182(5.20)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 95

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2754	67.00	1138	96.00	26048	141.00	3264
37.00	14250	68.00	35464	97.00	752	142.00	399
38.00	12516	69.00	35616	103.00	193	143.00	3685
39.00	5028	70.00	2564	104.00	1518	144.00	89
40.00	125	72.00	1960	105.00	499	145.00	215
43.00	206	73.00	15837	106.00	1461	146.00	592
44.00	1694	74.00	59616	107.00	412	147.00	257
45.00	2736	75.00	181632	110.00	99	148.00	945
47.00	4128	76.00	16049	111.00	94	149.00	226
48.00	1767	77.00	2257	112.00	85	150.00	382
49.00	12951	78.00	1482	113.00	226	152.00	83
50.00	61032	79.00	8862	115.00	346	153.00	227
51.00	19152	80.00	2705	116.00	1289	154.00	224
52.00	858	81.00	9012	117.00	2106	155.00	909
55.00	824	82.00	1869	118.00	1348	157.00	800
56.00	4504	83.00	85	119.00	1755	159.00	371
57.00	8721	86.00	287	124.00	91	161.00	363
58.00	234	87.00	16640	128.00	1343	172.00	422
60.00	3031	88.00	16800	129.00	613	174.00	343680
61.00	15823	91.00	1380	130.00	1284	175.00	26440
62.00	15283	92.00	10048	131.00	568	176.00	336576
63.00	11276	93.00	15973	135.00	476	177.00	22152
64.00	1026	94.00	46584	137.00	649	178.00	581
65.00	94	95.00	401600	140.00	247		

Report Date: 04-Dec-2025 00:33:54

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03T01.D

Injection Date: 03-Dec-2025 21:26:30

Instrument ID: 16334

Operator ID: ncc117024

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

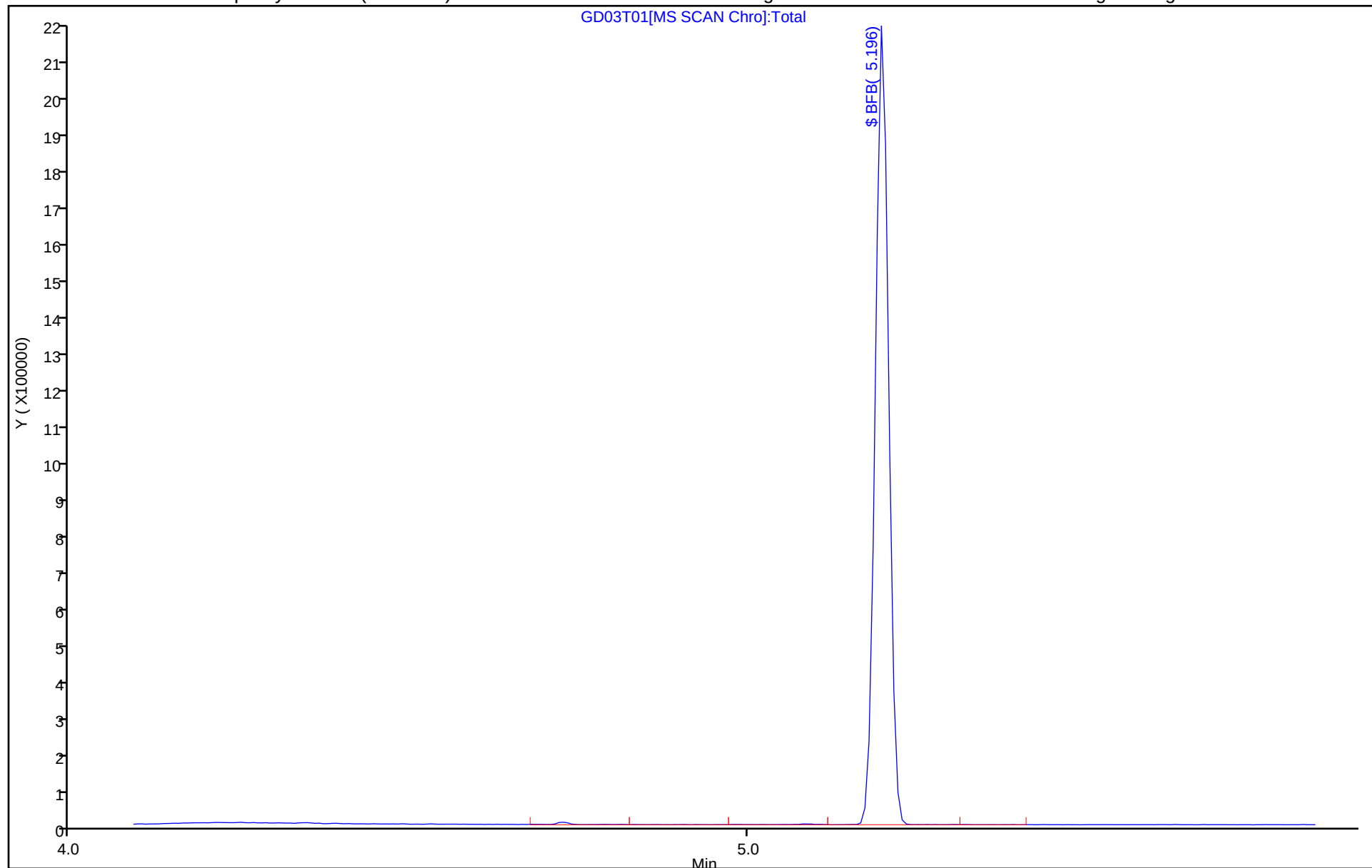
ALS Bottle#: 1

Method: MSV_16334_25mL

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\16334\20251205-168967.b\GD05T01.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 05-Dec-2025 09:27:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0168967-001
Misc. Info.: BFB
Operator ID: ecr105096 Instrument ID: 16334
Method: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\MSV_16334_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 17:50:03 Calib Date: 25-Nov-2025 04:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1714

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 184 BFB	95	5.196	5.196	0.000	0	373767	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

MSV_V_BFB_00021

Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\GD05T01.D

Injection Date: 05-Dec-2025 09:27:30

Instrument ID: 16334

Lims ID: BFB

Client ID:

Operator ID: ecr105096

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

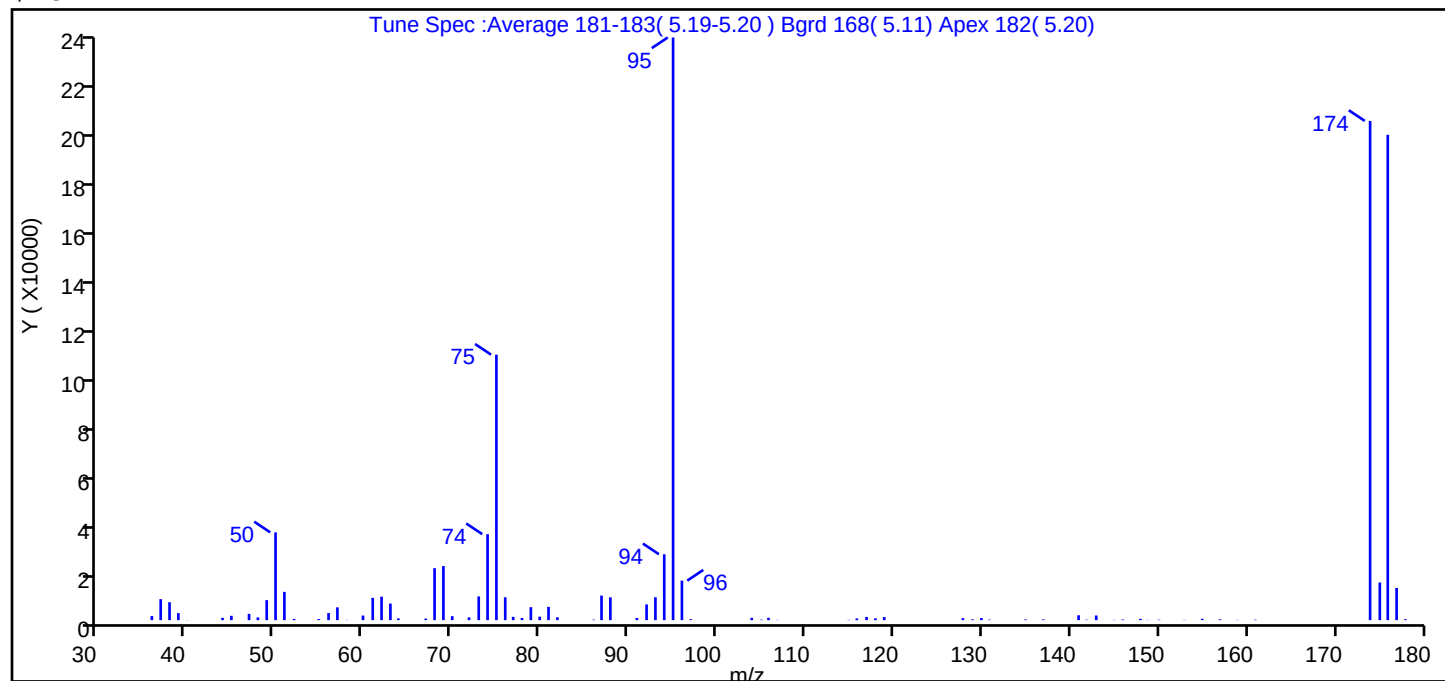
Dil. Factor: 1.0000

Method: MSV_16334_25mL

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

\$ 184 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.1
75	30 to 60% of m/z 95	45.6
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	85.7
175	5 to 9% of m/z 174	6.5 (7.5)
176	Greater than 95% but less than 101% of m/z 174	83.3 (97.2)
177	5 to 9% of m/z 176	5.5 (6.6)

Data File: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\GD05T01.D\MSV_16334_25mL.rslt\spectra.d
Injection Date: 05-Dec-2025 09:27:30
Spectrum: Tune Spec :Average 181-183(5.19-5.20) Bgrd 168(5.11) Apex 182(5.20)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 80

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1667	63.00	6655	91.00	879	135.00	273
37.00	8414	64.00	697	92.00	6297	137.00	294
38.00	7201	67.00	618	93.00	9184	141.00	1953
39.00	2814	68.00	20848	94.00	26432	142.00	180
40.00	60	69.00	21688	95.00	233728	143.00	1867
44.00	945	70.00	1609	96.00	15854	145.00	87
45.00	1745	72.00	1115	97.00	389	146.00	254
47.00	2520	73.00	9524	104.00	929	148.00	520
48.00	1099	74.00	34496	105.00	203	149.00	84
49.00	8026	75.00	106496	106.00	947	150.00	176
50.00	35216	76.00	9172	107.00	92	153.00	99
51.00	11349	77.00	1320	115.00	123	155.00	547
52.00	479	78.00	882	116.00	697	157.00	325
55.00	453	79.00	5200	117.00	1288	159.00	98
56.00	2848	80.00	1396	118.00	727	161.00	183
57.00	5142	81.00	5332	119.00	1238	174.00	200256
58.00	83	82.00	1157	128.00	803	175.00	15094
60.00	1846	86.00	204	129.00	332	176.00	194688
61.00	8942	87.00	9868	130.00	836	177.00	12933
62.00	9399	88.00	9141	131.00	220	178.00	388

Report Date: 05-Dec-2025 17:50:04

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\GD05T01.D

Injection Date: 05-Dec-2025 09:27:30

Instrument ID: 16334

Operator ID: ecr105096

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

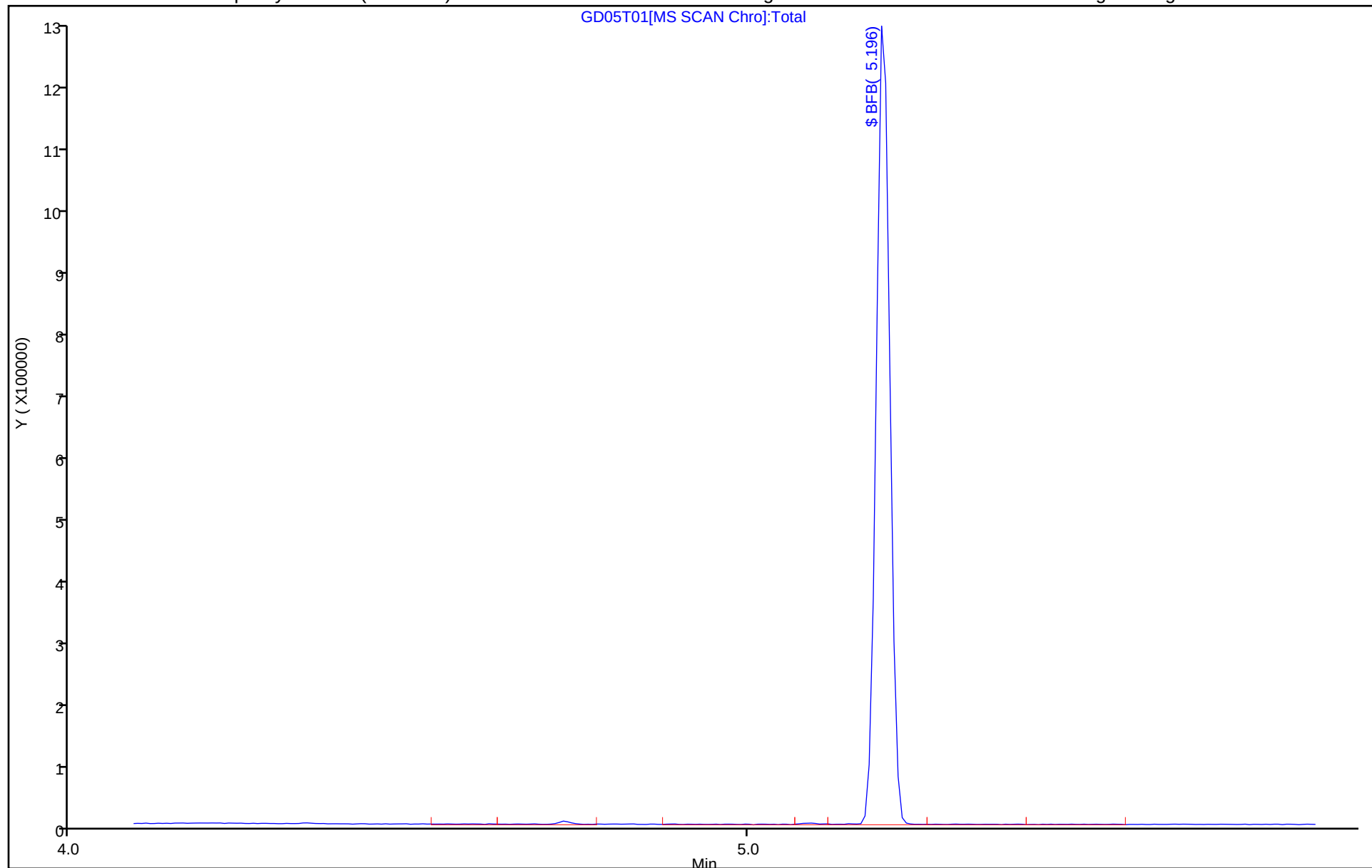
ALS Bottle#: 1

Method: MSV_16334_25mL

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\19094\20251027-164600.b\HC27T01.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 27-Oct-2025 13:47:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0164600-001
Misc. Info.: BFB
Operator ID: ecr105096 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 29-Oct-2025 10:21:04 Calib Date: 27-Oct-2025 20:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1719

First Level Reviewer: N7YK

Date: 27-Oct-2025 14:00:33

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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\$ 167 BFB	95	4.989	4.989	0.000	88	479852	NR	NR	
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QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

MSV_V_BFB_00019

Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27T01.D

Injection Date: 27-Oct-2025 13:47:30

Instrument ID: 19094

Lims ID: bfb

Client ID:

Operator ID: ecr105096

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

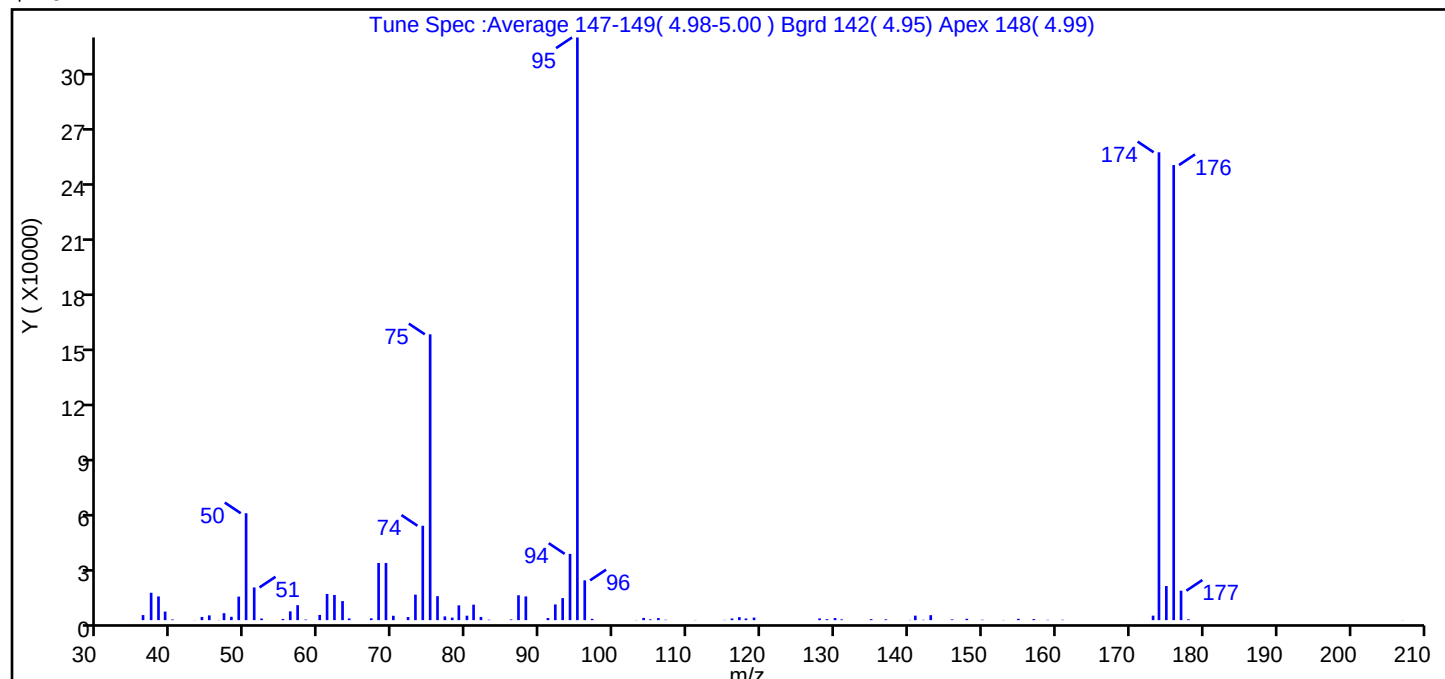
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

\$ 167 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.3
75	30 to 60% of m/z 95	49.1
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.8 (1.0)
174	50 to 120% of m/z 95	80.3
175	5 to 9% of m/z 174	5.9 (7.3)
176	Greater than 95% but less than 101% of m/z 174	78.1 (97.3)
177	5 to 9% of m/z 176	5.1 (6.5)

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27T01.D\MSV_19094_25mL.rslt\spectra.d
Injection Date: 27-Oct-2025 13:47:30
Spectrum: Tune Spec :Average 147-149(4.98-5.00) Bgrd 142(4.95) Apex 148(4.99)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 86

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2774	63.00	10427	92.00	8582	137.00	446
37.00	14947	64.00	940	93.00	12043	140.00	116
38.00	12970	67.00	1006	94.00	36208	141.00	2461
39.00	4684	68.00	31208	95.00	318336	142.00	194
40.00	359	69.00	31240	96.00	21736	143.00	2712
43.00	60	70.00	2392	97.00	694	146.00	395
44.00	1751	72.00	1700	103.00	100	148.00	759
45.00	2617	73.00	13946	104.00	1214	150.00	231
46.00	120	74.00	51568	105.00	440	153.00	101
47.00	3809	75.00	156160	106.00	1124	155.00	725
48.00	1842	76.00	13106	107.00	213	157.00	565
49.00	12860	77.00	2040	111.00	105	159.00	197
50.00	58408	78.00	1365	115.00	130	161.00	212
51.00	17872	79.00	8089	116.00	924	173.00	2457
52.00	880	80.00	2432	117.00	1629	174.00	255616
55.00	655	81.00	8455	118.00	905	175.00	18640
56.00	4788	82.00	1761	119.00	1396	176.00	248640
57.00	8181	83.00	242	128.00	946	177.00	16091
58.00	315	86.00	383	129.00	544	178.00	447
60.00	2850	87.00	13592	130.00	1145	207.00	82
61.00	14323	88.00	12960	131.00	419		
62.00	13758	91.00	1158	135.00	532		

Report Date: 29-Oct-2025 10:21:04

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27T01.D

Injection Date: 27-Oct-2025 13:47:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: bfb

Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

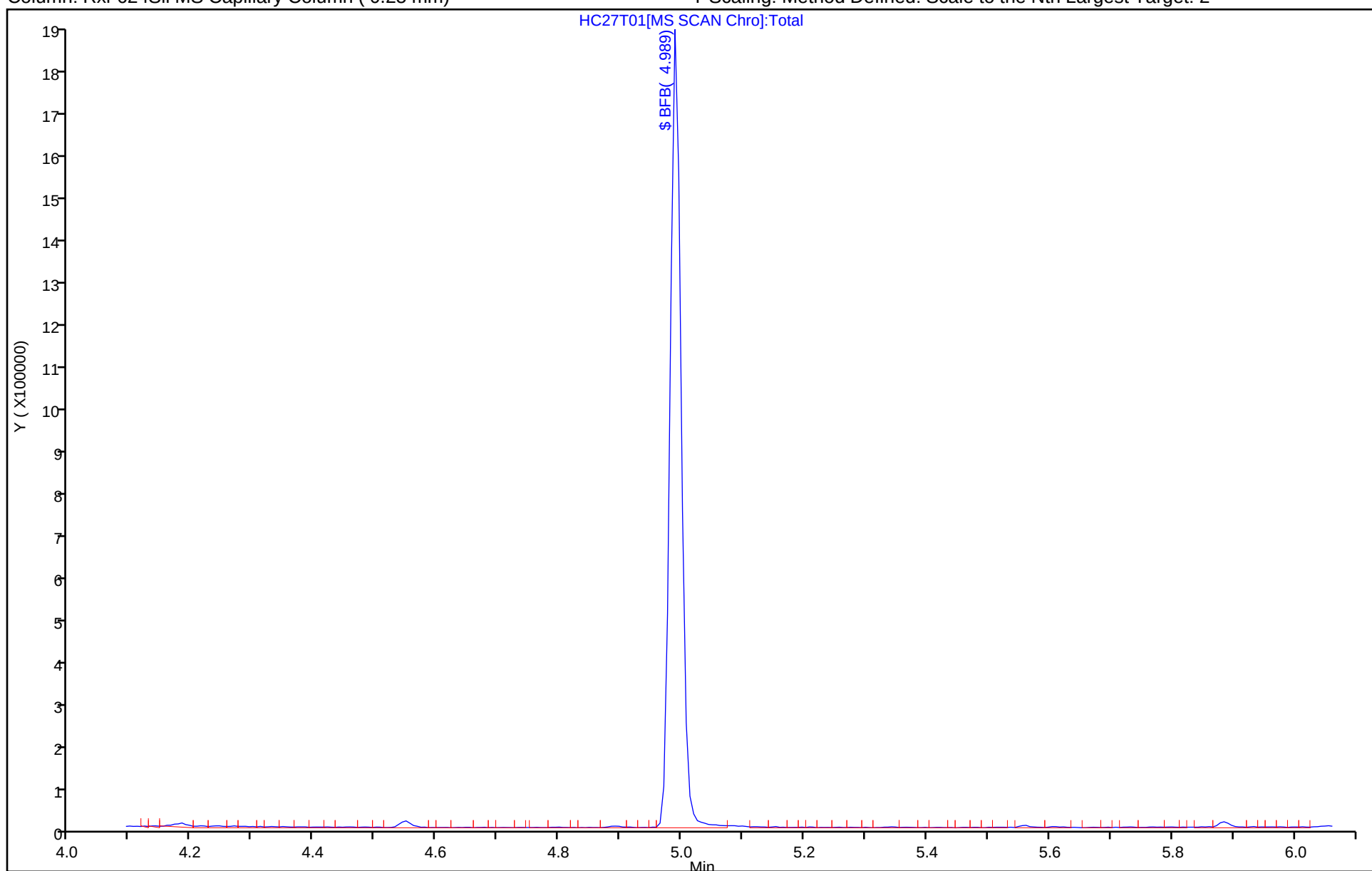
ALS Bottle#: 1

Method: MSV_19094_25mL

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\19094\20251203-168773.b\HD03T51.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 03-Dec-2025 21:40:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0168773-001
Misc. Info.: BFB
Operator ID: ncc117024 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 04-Dec-2025 00:34:00 Calib Date: 27-Oct-2025 20:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1621

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 167 BFB	95	4.989	4.989	0.000	91	469482	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

MSV_V_BFB_00021

Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03T51.D

Injection Date: 03-Dec-2025 21:40:30

Instrument ID: 19094

Lims ID: BFB

Client ID:

Operator ID: ncc117024

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

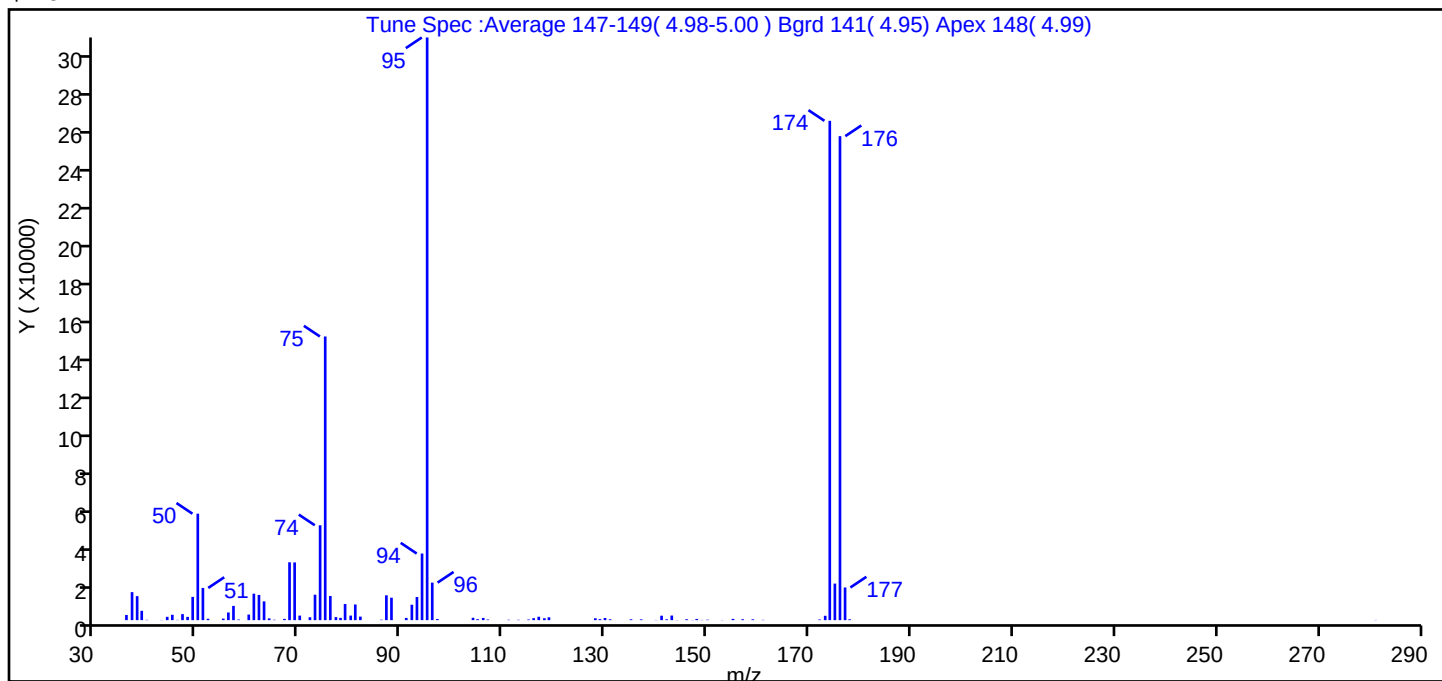
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

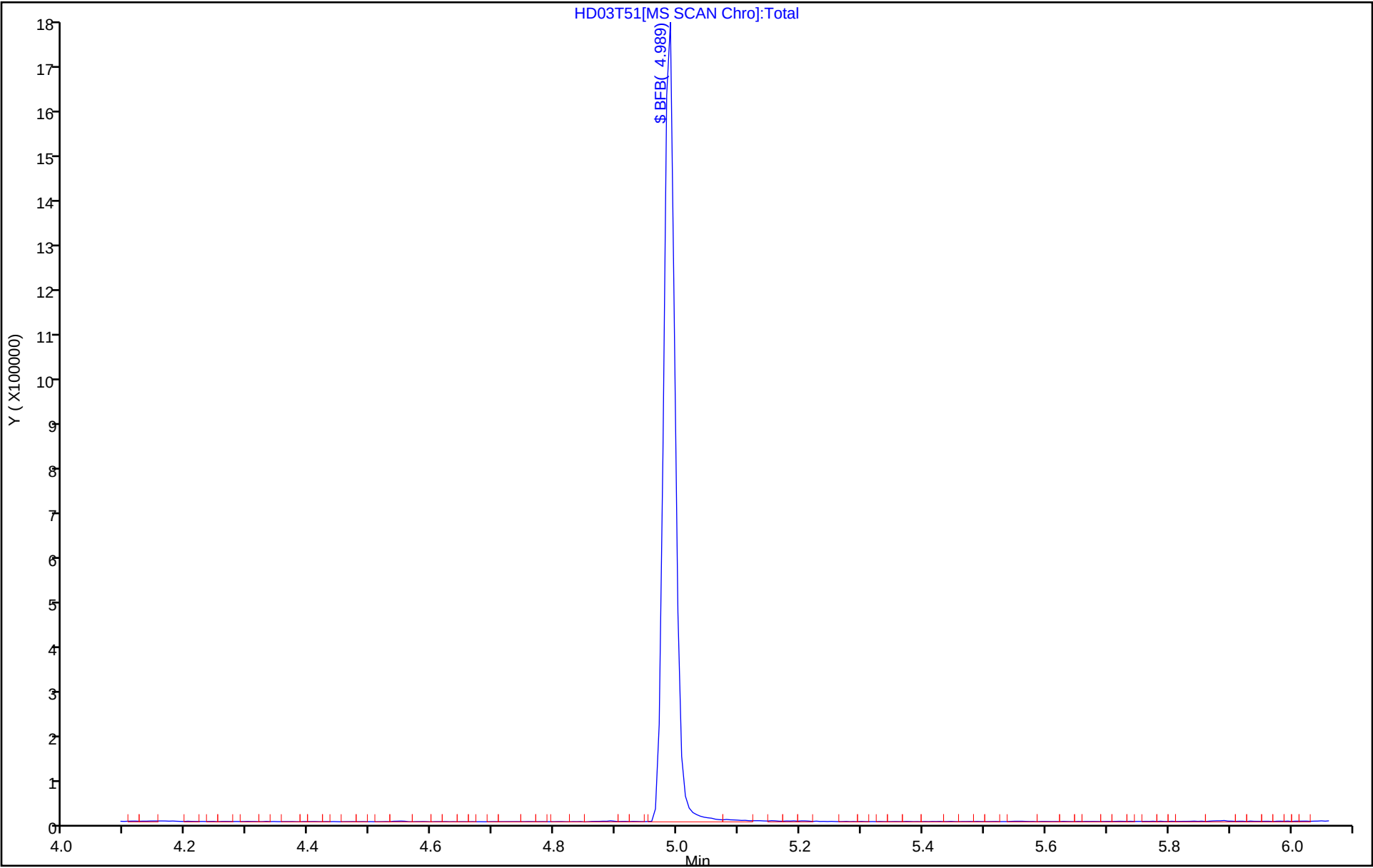
\$ 167 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.3
75	30 to 60% of m/z 95	48.7
96	5 to 9% of m/z 95	6.4
173	Less than 2% of m/z 174	0.7 (0.9)
174	50 to 120% of m/z 95	85.7
175	5 to 9% of m/z 174	6.3 (7.3)
176	Greater than 95% but less than 101% of m/z 174	83.1 (96.9)
177	5 to 9% of m/z 176	5.6 (6.8)

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03T51.D\MSV_19094_25mL.rslt\spectra.d
Injection Date: 03-Dec-2025 21:40:30
Spectrum: Tune Spec :Average 147-149(4.98-5.00) Bgrd 141(4.95) Apex 148(4.99)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 90

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2682	64.00	907	94.00	34472	142.00	433
37.00	14498	65.00	210	95.00	301568	143.00	2370
38.00	12427	67.00	651	96.00	19424	144.00	90
39.00	4825	68.00	29944	97.00	560	146.00	465
40.00	172	69.00	29872	104.00	1220	147.00	85
43.00	93	70.00	2355	105.00	487	148.00	636
44.00	1711	72.00	1509	106.00	1146	149.00	106
45.00	2778	73.00	13172	107.00	327	150.00	231
46.00	143	74.00	49112	111.00	204	153.00	85
47.00	3117	75.00	146816	113.00	188	155.00	663
48.00	1687	76.00	12483	115.00	324	157.00	456
49.00	12036	77.00	1555	116.00	1002	159.00	421
50.00	55088	78.00	1167	117.00	1752	161.00	158
51.00	16672	79.00	8346	118.00	979	172.00	346
52.00	716	80.00	2358	119.00	1490	173.00	2258
55.00	793	81.00	8106	128.00	966	174.00	258432
56.00	3974	82.00	1826	129.00	527	175.00	18928
57.00	7365	86.00	229	130.00	1106	176.00	250496
58.00	309	87.00	12846	131.00	439	177.00	16912
60.00	2894	88.00	11618	135.00	441	178.00	434
61.00	13693	91.00	1156	137.00	389	281.00	97
62.00	13049	92.00	7976	140.00	98		
63.00	9723	93.00	11989	141.00	2297		



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18T01.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 18-Aug-2025 15:55:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0156919-001
Misc. Info.: BFB
Operator ID: ecr105096 Instrument ID: 19930
Method: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\8260 25ml HP31.m
Limit Group: MSV - 8260C_D
Last Update: 22-Aug-2025 12:41:57 Calib Date: 18-Aug-2025 22:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: N7YK

Date: 18-Aug-2025 16:03:37

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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\$ 167 BFB	95	4.910	4.910	0.000	97	1202937	NR	NR	
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QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

MSV_V_BFB_00019

Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18T01.D

Injection Date: 18-Aug-2025 15:55:30

Instrument ID: 19930

Lims ID: BFB

Client ID:

Operator ID: ecr105096

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

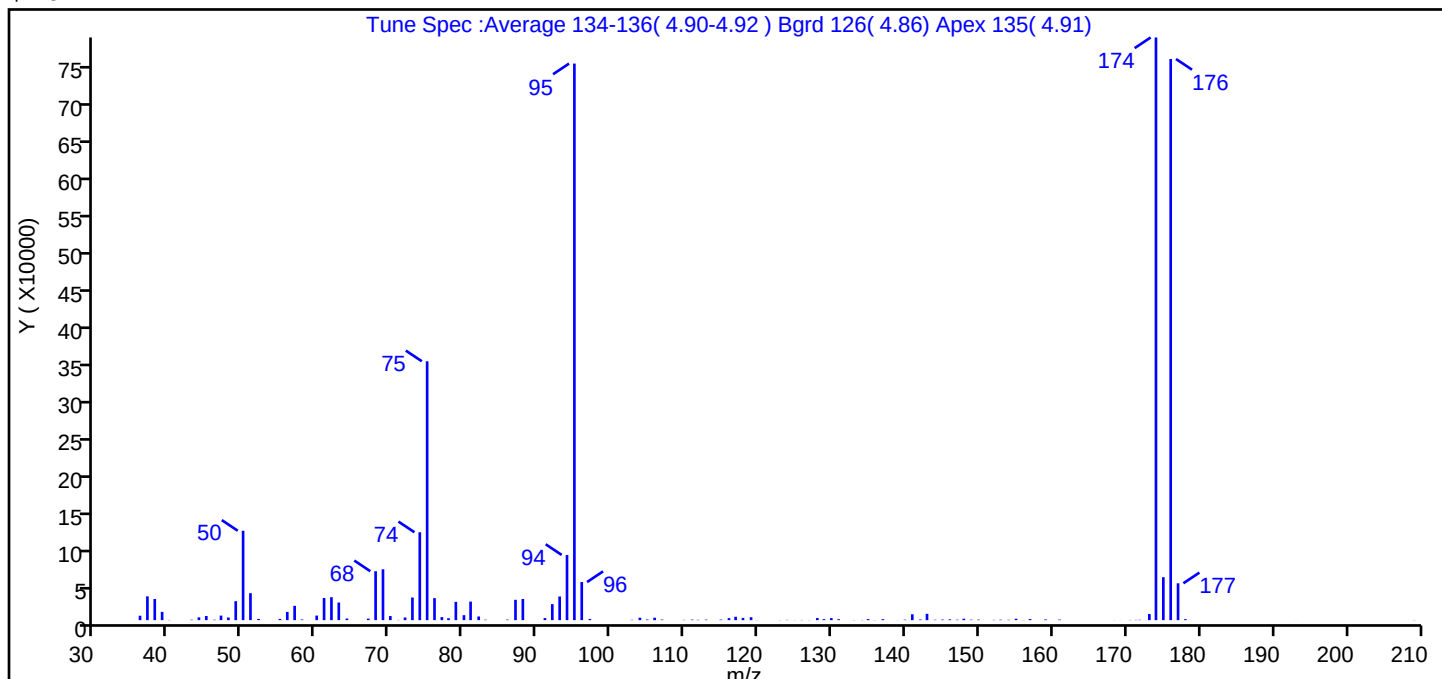
Dil. Factor: 1.0000

Method: 8260 25ml HP31

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

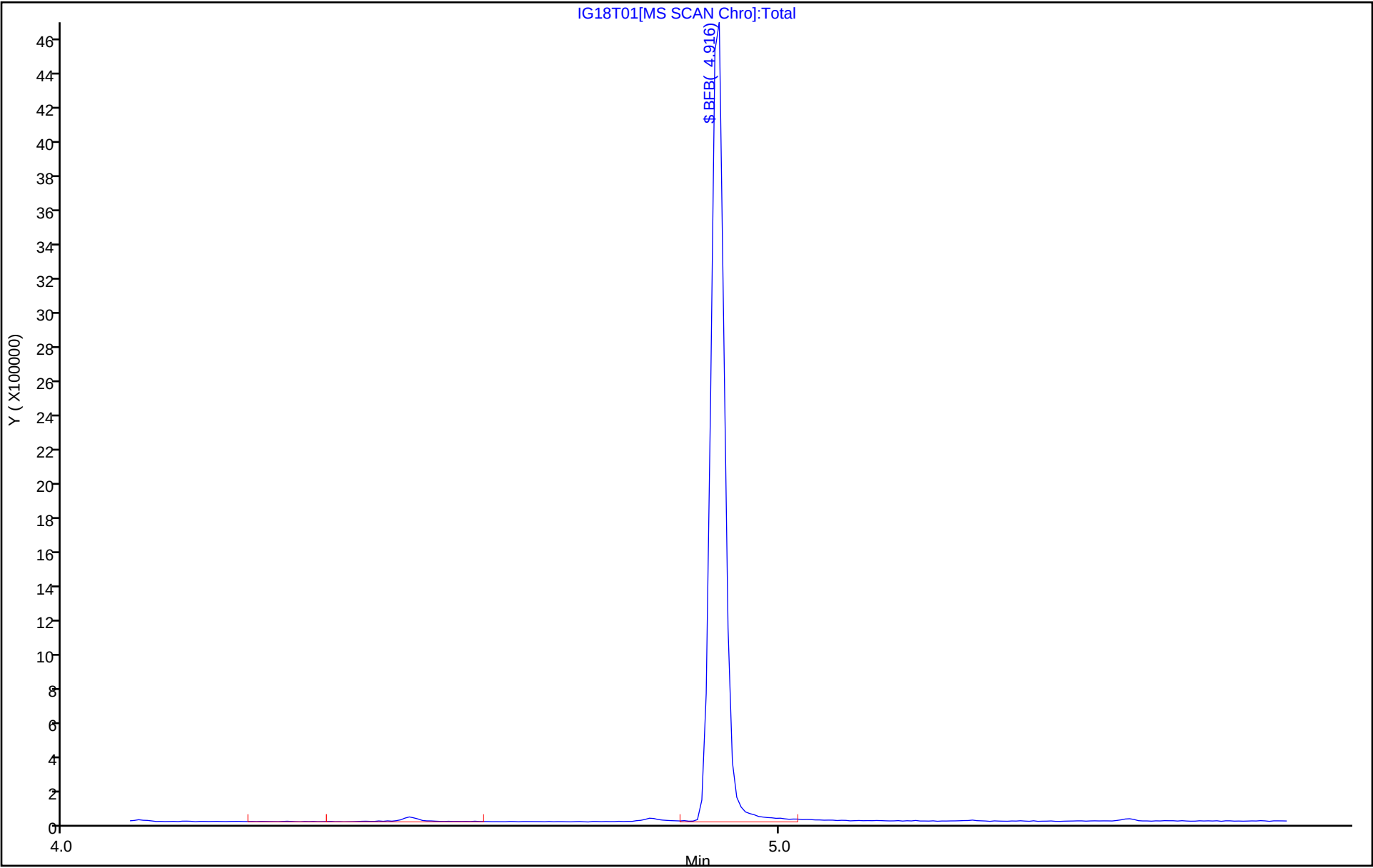
\$ 167 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.1
75	30 to 60% of m/z 95	46.5
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	1.1 (1.1)
174	50 to 120% of m/z 95	104.7
175	5 to 9% of m/z 174	7.7 (7.4)
176	Greater than 95% but less than 101% of m/z 174	100.8 (96.3)
177	5 to 9% of m/z 176	6.6 (6.6)

Data File: \\chromfs\Lancaster\ChromData\19930\20250818-156919.b\IG18T01.D\8260 25ml HP31.rslt\spectra.d
Injection Date: 18-Aug-2025 15:55:30
Spectrum: Tune Spec :Average 134-136(4.90-4.92) Bgrd 126(4.86) Apex 135(4.91)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 116

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	5958	70.00	5516	110.00	350	144.00	545
37.00	32072	71.00	289	111.00	762	145.00	772
38.00	28456	72.00	3602	112.00	495	146.00	1087
39.00	11145	73.00	30504	113.00	704	147.00	600
40.00	261	74.00	118536	115.00	754	148.00	1929
41.00	34	75.00	349184	116.00	2703	149.00	614
43.00	583	76.00	29712	117.00	4575	150.00	711
44.00	3765	77.00	4083	118.00	3041	152.00	378
45.00	5620	78.00	2600	119.00	3973	153.00	620
46.00	582	79.00	24680	120.00	148	154.00	495
47.00	6125	80.00	6725	123.00	183	155.00	1931
48.00	3565	81.00	25032	124.00	375	156.00	197
49.00	25632	82.00	4934	125.00	135	157.00	1500
50.00	120576	83.00	581	126.00	267	159.00	963
51.00	36368	86.00	737	127.00	196	161.00	802
52.00	1645	87.00	27440	128.00	2822	168.00	101
55.00	1608	88.00	28552	129.00	1351	169.00	86
56.00	11122	91.00	2830	130.00	2722	170.00	277
57.00	19296	92.00	21592	131.00	1262	171.00	366
58.00	851	93.00	31912	133.00	194	172.00	471
59.00	88	94.00	87944	134.00	222	173.00	8336
60.00	6168	95.00	750720	135.00	1417	174.00	785920
61.00	29880	96.00	51384	136.00	194	175.00	57904
62.00	30960	97.00	1623	137.00	1285	176.00	756864
63.00	23752	103.00	454	139.00	96	177.00	49720
64.00	2182	104.00	3290	140.00	600	178.00	1335
67.00	2059	105.00	849	141.00	7889	193.00	61
68.00	66000	106.00	3260	142.00	842	208.00	42
69.00	68592	107.00	774	143.00	8539	209.00	219



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04T01.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 04-Dec-2025 09:07:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0168823-001
Misc. Info.: BFB
Operator ID: ecr105096 Instrument ID: 19930
Method: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\8260 25ml HP31.m
Limit Group: MSV - 8260C_D
Last Update: 04-Dec-2025 15:54:47 Calib Date: 21-Aug-2025 16:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250821-157302.b\IG21X08.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1629

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 167 BFB	95	4.898	4.898	0.000	96	1518586	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

MSV_V_BFB_00021

Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04T01.D

Injection Date: 04-Dec-2025 09:07:30

Instrument ID: 19930

Lims ID: BFB

Client ID:

Operator ID: ecr105096

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

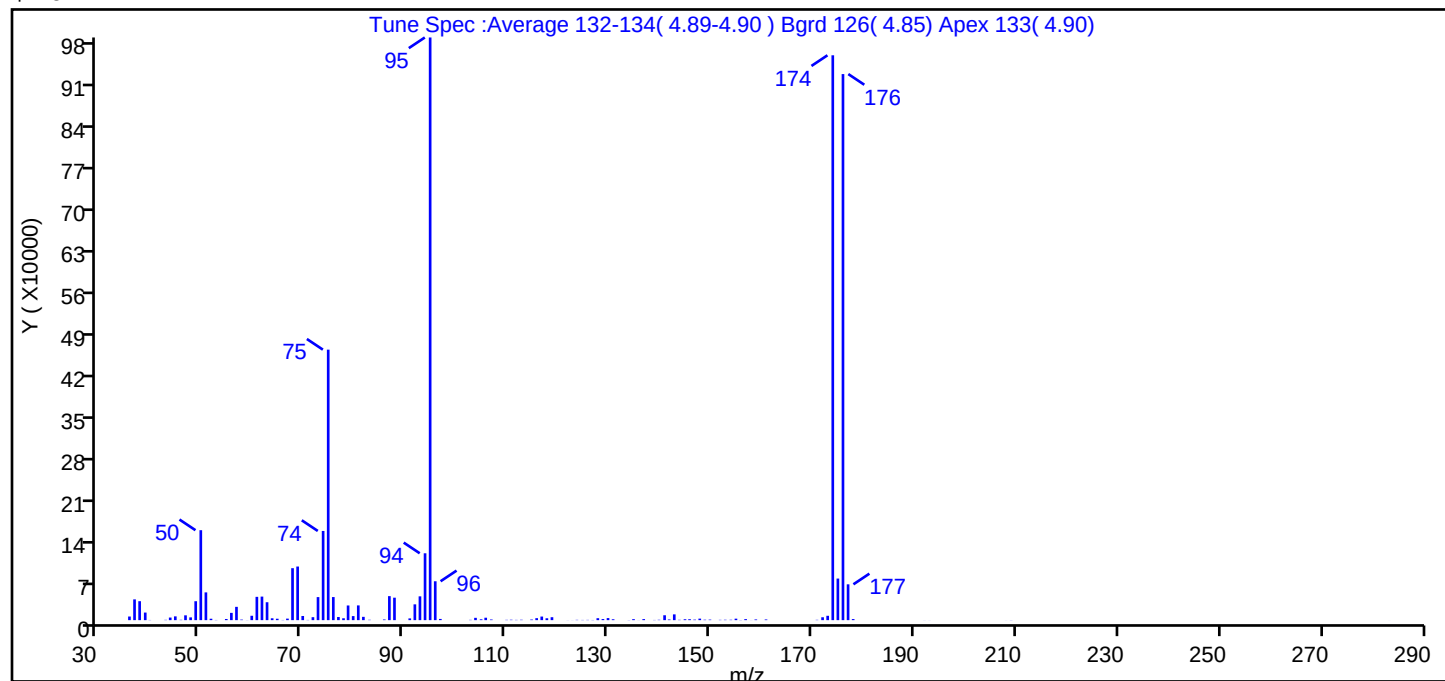
Dil. Factor: 1.0000

Method: 8260 25ml HP31

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

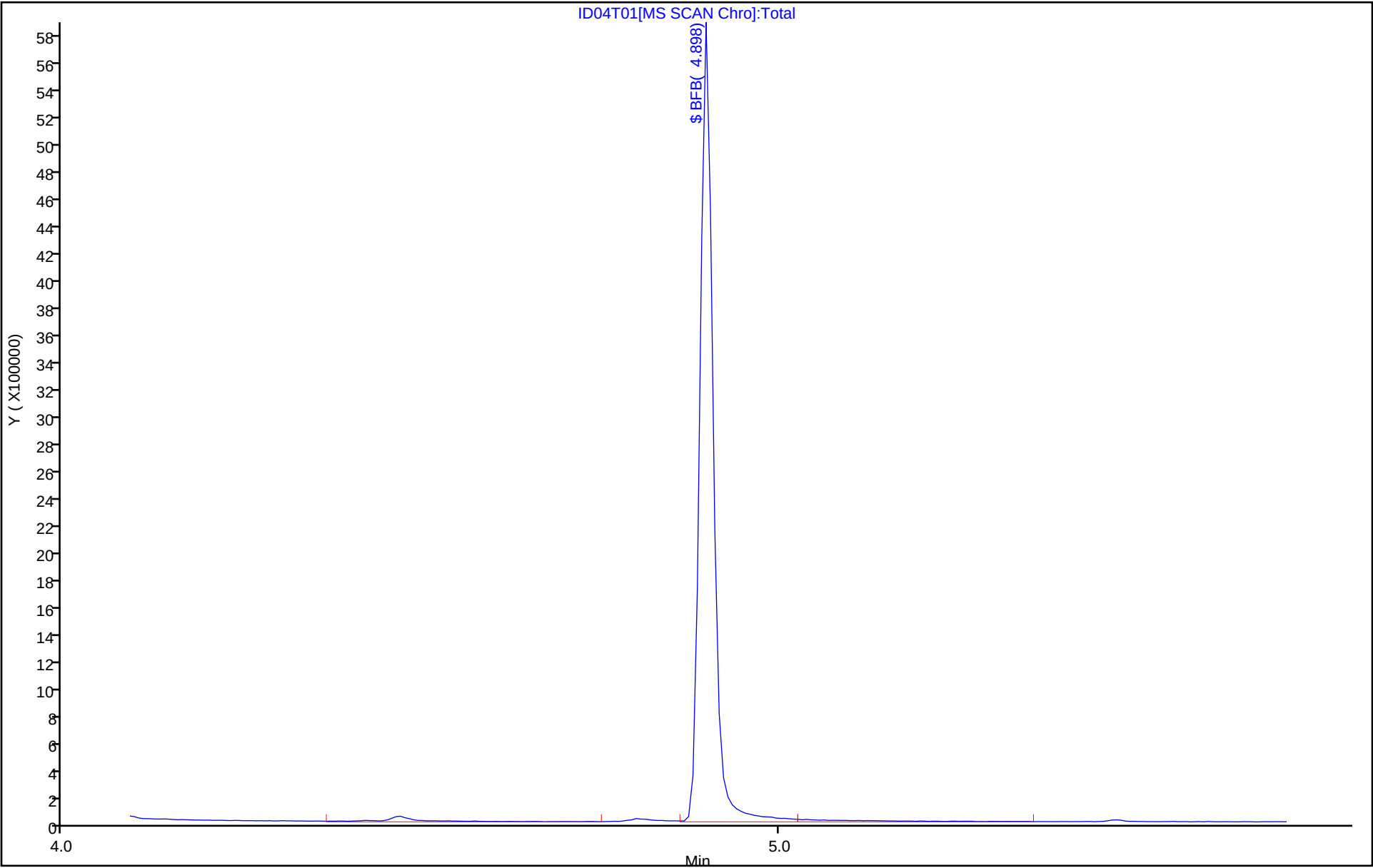
\$ 167 BFB



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	46.4
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.7 (0.8)
174	50 to 120% of m/z 95	96.9
175	5 to 9% of m/z 174	7.1 (7.4)
176	Greater than 95% but less than 101% of m/z 174	93.7 (96.7)
177	5 to 9% of m/z 176	6.1 (6.6)

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04T01.D\8260 25ml HP31.rslt\spectra.d
Injection Date: 04-Dec-2025 09:07:30
Spectrum: Tune Spec :Average 132-134(4.89-4.90) Bgrd 126(4.85) Apex 133(4.90)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 117

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	6124	69.00	90368	110.00	512	146.00	1555
37.00	35000	70.00	6993	111.00	710	147.00	884
38.00	31952	71.00	355	112.00	438	148.00	2543
39.00	12780	72.00	4988	113.00	660	149.00	718
40.00	293	73.00	38848	115.00	1025	150.00	920
43.00	499	74.00	150336	116.00	3338	152.00	507
44.00	4369	75.00	455936	117.00	6053	153.00	653
45.00	6365	76.00	38904	118.00	3157	154.00	649
46.00	569	77.00	5268	119.00	4939	155.00	2464
47.00	8104	78.00	3159	122.00	112	156.00	243
48.00	4657	79.00	24728	123.00	97	157.00	1706
49.00	31896	80.00	6826	124.00	510	158.00	100
50.00	151616	81.00	24840	125.00	351	159.00	1181
51.00	46792	82.00	5562	126.00	446	161.00	1164
52.00	2367	83.00	590	127.00	279	171.00	531
53.00	295	86.00	1109	128.00	3260	172.00	4851
55.00	1939	87.00	40472	129.00	1828	173.00	7332
56.00	12265	88.00	37856	130.00	3468	174.00	952128
57.00	22416	91.00	2951	131.00	1469	175.00	70088
58.00	919	92.00	26632	134.00	234	176.00	920448
59.00	147	93.00	40120	135.00	1651	177.00	60384
60.00	7371	94.00	112712	136.00	100	178.00	1811
61.00	39272	95.00	982144	137.00	1751	192.00	96
62.00	39688	96.00	65528	139.00	336	193.00	81
63.00	30184	97.00	2028	140.00	632	208.00	74
64.00	3133	103.00	489	141.00	8238	209.00	200
65.00	2379	104.00	3900	142.00	1105	283.00	45
66.00	295	105.00	1409	143.00	9734		
67.00	2568	106.00	4076	144.00	542		
68.00	87568	107.00	1086	145.00	1490		



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-738637/6

Matrix: Water

Lab File ID: HD03X55.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 12/03/2025 23:18

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738637

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.070
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	ND		0.50	0.10
75-35-4	1,1-Dichloroethene	ND		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	ND		0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	ND		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	ND		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-738637/6

Matrix: Water Lab File ID: HD03X55.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 25 (mL) Date Analyzed: 12/03/2025 23:18

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738637 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	ND		0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		80-120
460-00-4	4-Bromofluorobenzene (Surr)	96		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X55.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 03-Dec-2025 23:18:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168773-006
 Operator ID: ncc117024 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 08:48:58 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1693

First Level Reviewer: HR3Z

Date: 04-Dec-2025 00:33:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.782					ND	
2 Dichlorodifluoromethane	85		1.825					ND	
3 Chlorodifluoromethane	51		1.831					ND	
4 Dimethyl ether	45		1.873					ND	
5 Chloromethane	50		2.008					ND	
6 Butadiene	39		2.099					ND	7
7 Vinyl chloride	62		2.111					ND	
8 2-Chloro-1,1,1-Trifluoroethane	118		2.154					ND	
9 Bromomethane	94		2.422					ND	
10 Chloroethane	64		2.465					ND	
11 Dichlorofluoromethane	67		2.672					ND	
12 Trichlorofluoromethane	101		2.770					ND	
13 Ethyl ether	59		2.946					ND	
14 1,2-Dichloro-1,1,2-trifluoroetha	67		3.026					ND	
16 Acrolein	56		3.105					ND	
15 Ethanol	45		3.111					ND	
17 1,1-Dichloroethene	96		3.227					ND	
19 Acetone	43		3.257					ND	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101		3.276					ND	
20 Iodomethane	142		3.404					ND	
22 Ethyl bromide	108		3.428					ND	
23 Carbon disulfide	76		3.507					ND	7
24 Methyl acetate	43		3.641					ND	
25 3-Chloro-1-propene	41		3.654					ND	
26 Acetonitrile	41		3.769					ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.800	3.818	-0.018	31	68156	50.0	50.0	
27 Methylene Chloride	84		3.818					ND	
29 2-Methyl-2-propanol	59		3.916					ND	
30 Acrylonitrile	53		4.160					ND	
31 Methyl tert-butyl ether	73		4.184					ND	
33 trans-1,2-Dichloroethene	96		4.208					ND	
34 Hexane	57		4.623					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		4.848					ND	
36 Vinyl acetate	43		4.855					ND	
37 Isopropyl ether	45		4.916					ND	
38 2-Chloro-1,3-butadiene	53		4.964					ND	
39 Tert-butyl ethyl ether	59		5.458					ND	
41 2-Butanone (MEK)	43		5.659					ND	
42 cis-1,2-Dichloroethene	96		5.702					ND	
43 2,2-Dichloropropane	77		5.714					ND	
44 Propionitrile	54		5.745					ND	
45 Ethyl acetate	43		5.769					ND	
46 Methacrylonitrile	67		5.964					ND	
47 Chlorobromomethane	128		6.037					ND	
48 Tetrahydrofuran	71		6.043					ND	
S 49 1,2-Dichloroethene, Total	100		6.155					ND	7
50 Chloroform	83		6.190					ND	
\$ 51 Dibromofluoromethane (Surr)	113	6.403	6.409	-0.006	93	425422	10.0	9.80	
52 1,1,1-Trichloroethane	97		6.421					ND	
53 Methyl acrylate	55		6.482					ND	
54 Cyclohexane	56		6.525					ND	
56 Carbon tetrachloride	117		6.641					ND	
55 1,1-Dichloropropene	75		6.641					ND	
57 Isobutyl alcohol	41		6.793					ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	44	77743	10.0	9.70	
59 Benzene	78		6.903					ND	
60 1,2-Dichloroethane	62		6.982					ND	
61 Isopropyl acetate	43		7.001					ND	
62 Tert-amyl methyl ether	73		7.104					ND	
63 1-Chlorobutane	56	7.311	7.250	0.061	16	6889		NC	
* 64 Fluorobenzene (IS)	96	7.311	7.318	-0.007	98	1896983	10.0	10.0	
65 n-Heptane	43		7.342					ND	U
66 n-Butanol	56		7.702					ND	
67 Trichloroethene	95		7.811					ND	
68 t-Amyl alcohol	73		7.842					ND	
69 Methylcyclohexane	83		8.122					ND	
70 1,2-Dichloropropane	63		8.147					ND	
71 2-ethoxy-2-methyl butane	87		8.165					ND	
73 1,4-Dioxane	88		8.244					ND	
72 Methyl methacrylate	69		8.244					ND	
74 Dibromomethane	93		8.256					ND	
75 n-Propyl acetate	61		8.336					ND	
76 Dichlorobromomethane	83		8.500					ND	
77 2-Nitropropane	41		8.762					ND	
78 2-Chloroethyl vinyl ether	63		8.884					ND	
79 1-Bromo-2-chloroethane	63		8.896					ND	
80 cis-1,3-Dichloropropene	75		9.067					ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.250					ND	
\$ 82 Toluene-d8 (Surr)	98	9.396	9.396	0.000	94	1919810	10.0	10.0	
83 Chloroacetonitrile	75		9.427					ND	
84 Toluene	92		9.482					ND	
85 trans-1,3-Dichloropropene	75		9.762					ND	
86 Ethyl methacrylate	69		9.835					ND	
87 1,1,2-Trichloroethane	97		9.969					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 106 1,3-Dichloropropene, Total	100		10.060					ND	7
107 Tetrachloroethene	166		10.061					ND	
108 1,3-Dichloropropane	76		10.140					ND	
109 2-Hexanone	43		10.195					ND	
110 n-Butyl acetate	43		10.335					ND	
111 Chlorodibromomethane	129		10.360					ND	
112 Ethylene Dibromide	107		10.475					ND	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.920	0.000	88	1359335	10.0	10.0	
114 1-Chlorohexane	91		10.939					ND	7
115 Chlorobenzene	112		10.951					ND	
116 1,1,1,2-Tetrachloroethane	131		11.036					ND	
117 Ethylbenzene	91		11.042					ND	
118 m-Xylene & p-Xylene	106		11.158					ND	
S 119 Xylenes, Total	106		11.245					ND	7
120 o-Xylene	106		11.494					ND	
121 Styrene	104		11.512					ND	
122 Bromoform	173		11.670					ND	
123 Isopropylbenzene	105		11.804					ND	7
124 cis-1,4-Dichloro-2-butene	88		11.853					ND	U
125 Cyclohexanone	55		11.878					ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.944	11.945	-0.001	88	664862	10.0	9.64	
127 1,1,2,2-Tetrachloroethane	83		12.048					ND	
128 Bromobenzene	156		12.060					ND	
129 trans-1,4-Dichloro-2-butene	53		12.073					ND	
130 1,2,3-Trichloropropane	110		12.097					ND	
131 N-Propylbenzene	91		12.134					ND	7
132 2-Chlorotoluene	126		12.207					ND	
133 1,3,5-Trimethylbenzene	105		12.274					ND	7
134 4-Chlorotoluene	126		12.304					ND	
135 tert-Butylbenzene	134		12.518					ND	
136 Pentachloroethane	167		12.548					ND	
137 1,2,4-Trimethylbenzene	105		12.560					ND	7
138 sec-Butylbenzene	105		12.682					ND	7
139 1,3-Dichlorobenzene	146		12.780					ND	7
140 4-Isopropyltoluene	119		12.792					ND	7
* 141 1,4-Dichlorobenzene-d4	152	12.835	12.835	0.000	96	713536	10.0	10.0	
142 1,4-Dichlorobenzene	146		12.853					ND	7
143 1,2,3-Trimethylbenzene	120		12.865					ND	7
144 Benzyl chloride	126		12.932					ND	
145 p-Diethylbenzene	119	13.072	13.066	0.006	73	1073		0.007548	
146 n-Butylbenzene	92		13.085					ND	7
147 1,2-Dichlorobenzene	146		13.115					ND	
148 1,2-Dibromo-3-Chloropropane	155		13.658					ND	
149 Hexachloroethane	201		13.682					ND	
150 1,3,5-Trichlorobenzene	180		13.786					ND	7
151 1,2,4-Trichlorobenzene	180		14.206					ND	7
152 Hexachlorobutadiene	225	14.292	14.292	0.000	90	2181		0.0837	
153 Naphthalene	128		14.383					ND	7
154 1,2,3-Trichlorobenzene	180		14.530					ND	7
155 tert-Butyl Formate	1		0.000					ND	
156 Dodecane	57		0.000					ND	
157 Pentane	43		0.000					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
158 1,1-Dichloroacetone	1		0.000					ND	
159 n-Decane	57		0.000					ND	
160 1-Bromo-3-Chloropropane	1		0.000					ND	
161 1-Chloropropane	1		0.000					ND	
162 Propene oxide	1		0.000					ND	
163 1,1-Dichloro-1-fluoroethane	1		0.000					ND	
164 Methylal	1		0.000					ND	
165 2-Bromo-1-chloropropane	1		0.000					ND	
166 1,1-Dichloro-1-fluoroethane TIC1			0.000					ND	
210 Ethyl acrylate	55		0.000					ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 05-Dec-2025 08:48:59

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X55.D

Injection Date: 03-Dec-2025 23:18:30

Instrument ID: 19094

Operator ID: ncc117024

Lims ID: MB

Worklist Smp#: 6

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

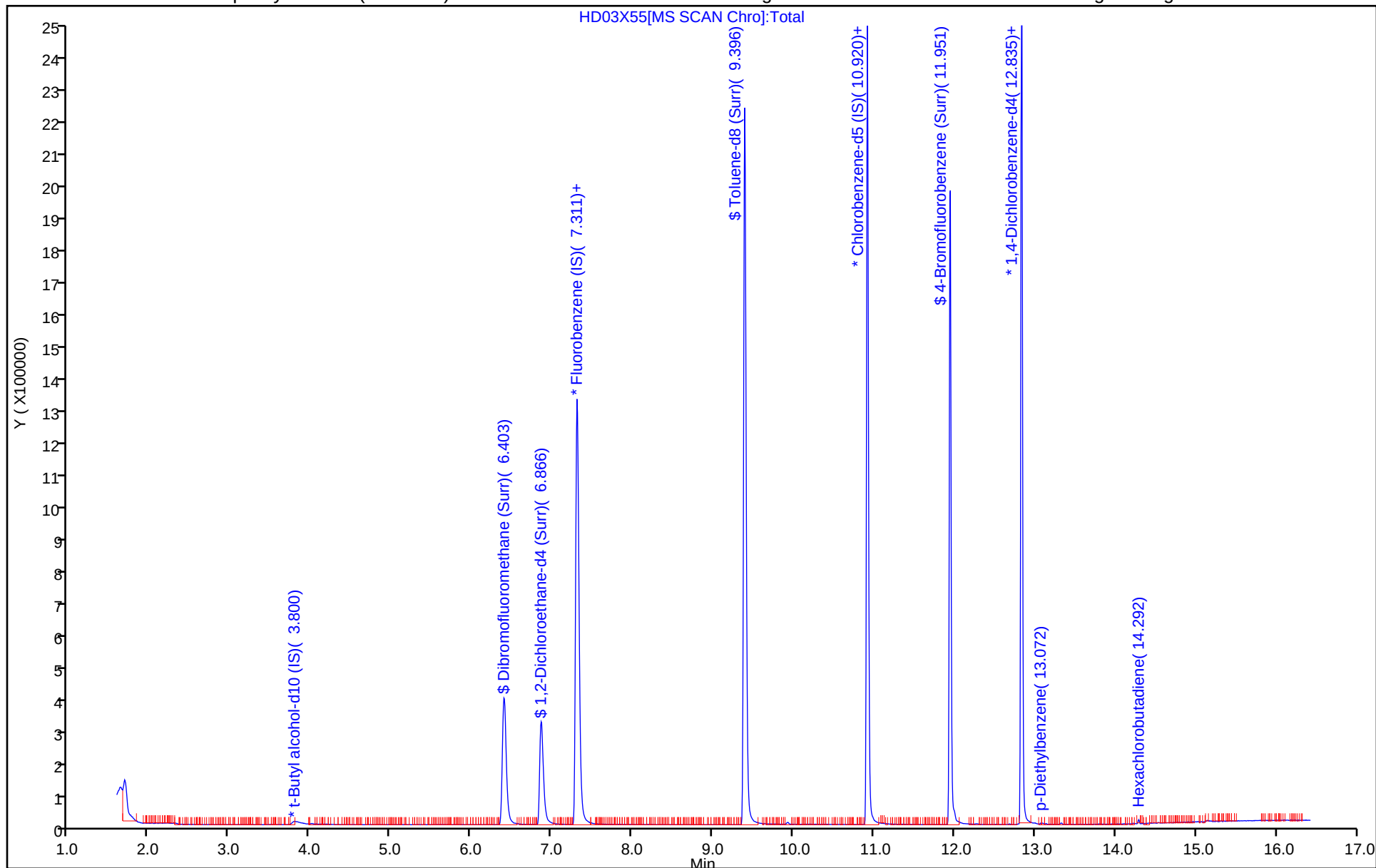
ALS Bottle#: 5

Method: MSV_19094_25mL

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\19094\20251203-168773.b\HD03X55.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 03-Dec-2025 23:18:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168773-006
Operator ID: ncc117024 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 08:48:58 Calib Date: 27-Oct-2025 20:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: HR3Z

Date: 04-Dec-2025 00:33:23

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	9.80	97.97
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	9.70	97.05
\$ 82 Toluene-d8 (Surr)	10.0	10.0	100.14
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.64	96.44

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-738640/7

Matrix: Water

Lab File ID: GD03X06.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 12/03/2025 23:42

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738640

Units: ug/L

Preparation Batch No.:

Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.070
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	ND		0.50	0.10
75-35-4	1,1-Dichloroethene	ND		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	ND		0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	ND		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	ND		0.50	0.20

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC	Job No.: 410-254861-1
SDG No.:	
Client Sample ID:	Lab Sample ID: MB 410-738640/7
Matrix: Water	Lab File ID: GD03X06.D
Analysis Method: 8260D	Date Collected:
Sample wt/vol: 25 (mL)	Date Analyzed: 12/03/2025 23:42
Soil Aliquot Vol:	Dilution Factor: 1
Soil Extract Vol.:	GC Column: R-624SilMS 30m ID: 0.25 (mm)
Purge Volume: 25.0 (mL)	Heated Purge: (Y/N) N pH:
% Moisture: % Solids:	Level: (low/med) Low
Analysis Batch No.: 738640	Units: ug/L
Preparation Batch No.:	Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	ND		0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		80-120
460-00-4	4-Bromofluorobenzene (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X06.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 03-Dec-2025 23:42:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168772-007
 Operator ID: ncc117024 Instrument ID: 16334
 Method: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 04-Dec-2025 16:33:47 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1715

First Level Reviewer: HR3Z

Date: 04-Dec-2025 00:33:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.885					ND	
2 Dichlorodifluoromethane	85		1.916					ND	
3 Chlorodifluoromethane	51		1.946					ND	
4 Dimethyl ether	45		2.007					ND	7
5 Chloromethane	50		2.123					ND	
7 Butadiene	39		2.239					ND	7
6 Vinyl chloride	62		2.239					ND	
8 2-Chloro-1,1,1-Trifluoroethane	118		2.324					ND	
9 Bromomethane	94		2.562					ND	
10 Chloroethane	64		2.654					ND	
11 Dichlorofluoromethane	67		2.891					ND	
12 Trichlorofluoromethane	101		2.971					ND	
13 Ethanol	45		3.184					ND	
15 Ethyl ether	59		3.202					ND	
16 1,2-Dichloro-1,1,2-trifluoroetha	67		3.300					ND	
17 Acrolein	56		3.373					ND	
18 1,1-Dichloroethene	96		3.513					ND	
19 Acetone	43		3.550					ND	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101		3.550					ND	
21 Iodomethane	142		3.702					ND	
22 Isopropyl alcohol	45		3.720					ND	
23 Ethyl bromide	108		3.733					ND	
24 Carbon disulfide	76		3.806					ND	
26 Acetonitrile	41		3.946					ND	
27 Methyl acetate	43		3.964					ND	
28 3-Chloro-1-propene	41		3.989					ND	
29 Methylene Chloride	84		4.178					ND	
* 30 t-Butyl alcohol-d10 (IS)	65	4.208	4.190	0.018	19	55448	50.0	50.0	
31 2-Methyl-2-propanol	59		4.330					ND	
32 Acrylonitrile	53		4.531					ND	
33 Methyl tert-butyl ether	73		4.586					ND	
34 trans-1,2-Dichloroethene	96		4.592					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Hexane	57		5.025					ND	
37 Vinyl acetate	43		5.257					ND	
36 1,1-Dichloroethane	63		5.269					ND	
38 Isopropyl ether	45		5.330					ND	
39 2-Chloro-1,3-butadiene	53		5.379					ND	
40 Tert-butyl ethyl ether	59		5.866					ND	
42 2-Butanone (MEK)	43		6.080					ND	
41 Methyl acrylate	55		6.086					ND	
44 cis-1,2-Dichloroethene	96		6.104					ND	
45 2,2-Dichloropropane	77		6.122					ND	
46 Ethyl acetate	43		6.147					ND	
S 43 1,2-Dichloroethene, Total	100		6.155					ND	7
47 Propionitrile	54		6.177					ND	
48 Methacrylonitrile	67		6.391					ND	
49 Chlorobromomethane	128		6.433					ND	
50 Tetrahydrofuran	71		6.439					ND	
51 Chloroform	83		6.592					ND	
\$ 52 Dibromofluoromethane (Surr)	113	6.818	6.811	0.007	94	380448	10.0	9.71	
53 1,1,1-Trichloroethane	97		6.817					ND	
54 Cyclohexane	56		6.915					ND	
56 Carbon tetrachloride	117		7.025					ND	
57 1,1-Dichloropropene	75		7.031					ND	
55 1-Chlorobutane	56		7.067					ND	
58 Isobutyl alcohol	41		7.201					ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.269	7.262	0.007	64	71452	10.0	9.77	
60 Benzene	78		7.293					ND	
61 1,2-Dichloroethane	62		7.366					ND	
62 Isopropyl acetate	43		7.390					ND	
63 Tert-amyl methyl ether	73		7.488					ND	
* 64 Fluorobenzene (IS)	96	7.708	7.701	0.007	99	1619569	10.0	10.0	
65 n-Heptane	43		7.707					ND	
66 t-Amyl alcohol	73		7.903					ND	
67 n-Butanol	56		8.079					ND	
68 Trichloroethene	95		8.177					ND	
69 Methylcyclohexane	83		8.482					ND	
70 1,2-Dichloropropane	63		8.512					ND	
71 2-ethoxy-2-methyl butane	87		8.524					ND	
72 1,4-Dioxane	88		8.598					ND	
73 Methyl methacrylate	69		8.598					ND	
74 Dibromomethane	93		8.616					ND	
75 n-Propyl acetate	61		8.689					ND	
76 Dichlorobromomethane	83		8.860					ND	
78 2-Nitropropane	41		9.146					ND	
77 Chloroacetonitrile	75		9.158					ND	
79 2-Chloroethyl vinyl ether	63		9.232					ND	
80 1-Bromo-2-chloroethane	63		9.250					ND	
81 cis-1,3-Dichloropropene	75		9.408					ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.591					ND	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.713	0.006	93	1555683	10.0	9.97	
84 Toluene	92		9.792					ND	
105 trans-1,3-Dichloropropene	75		10.048					ND	
S 104 1,3-Dichloropropene, Total	100		10.060					ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
106 Ethyl methacrylate	69		10.116					ND	
107 1,1,2-Trichloroethane	97		10.256					ND	
108 Tetrachloroethene	166		10.341					ND	
109 1,3-Dichloropropane	76		10.414					ND	
110 2-Hexanone	43		10.475					ND	
111 n-Butyl acetate	43		10.597					ND	
112 Chlorodibromomethane	129		10.628					ND	
113 Ethylene Dibromide	107		10.737					ND	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.170	0.000	84	1212899	10.0	10.0	
115 1-Chlorohexane	91		11.182					ND	7
116 Chlorobenzene	112		11.195					ND	
S 117 Xylenes, Total	106		11.245					ND	7
118 1,1,1,2-Tetrachloroethane	131		11.280					ND	
119 Ethylbenzene	91		11.286					ND	
120 m-Xylene & p-Xylene	106		11.396					ND	
121 o-Xylene	106		11.725					ND	
122 Styrene	104		11.743					ND	
123 Bromoform	173		11.896					ND	7
124 Isopropylbenzene	105		12.024					ND	
125 cis-1,4-Dichloro-2-butene	88		12.079					ND	
126 Cyclohexanone	55		12.109					ND	U
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	93	569301	10.0	10.1	
128 1,1,2,2-Tetrachloroethane	83		12.274					ND	
129 Bromobenzene	156		12.286					ND	
130 trans-1,4-Dichloro-2-butene	53		12.298					ND	
131 1,2,3-Trichloropropane	110		12.316					ND	
132 N-Propylbenzene	91		12.353					ND	
133 2-Chlorotoluene	126		12.426					ND	
134 1,3,5-Trimethylbenzene	105		12.487					ND	
135 4-Chlorotoluene	126		12.524					ND	
136 tert-Butylbenzene	134		12.731					ND	
137 Pentachloroethane	167		12.761					ND	
138 1,2,4-Trimethylbenzene	105		12.774					ND	
139 sec-Butylbenzene	105		12.895					ND	
140 1,3-Dichlorobenzene	146		12.993					ND	
141 4-Isopropyltoluene	119		12.999					ND	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	663032	10.0	10.0	
143 1,4-Dichlorobenzene	146		13.066					ND	
144 1,2,3-Trimethylbenzene	120		13.078					ND	7
145 Benzyl chloride	126		13.139					ND	
146 p-Diethylbenzene	119		13.200					ND	
147 n-Butylbenzene	92		13.292					ND	
148 1,2-Dichlorobenzene	146		13.322					ND	
149 Hexachloroethane	201		13.499					ND	
150 1,2-Dibromo-3-Chloropropane	155		13.865					ND	
151 1,3,5-Trichlorobenzene	180		13.987					ND	7
152 1,2,4-Trichlorobenzene	180		14.413					ND	
153 Hexachlorobutadiene	225		14.493					ND	
154 Naphthalene	128		14.596					ND	7
155 1,2,3-Trichlorobenzene	180	14.737	14.737	0.000	87	1138		0.0233	7a
156 2-Methylnaphthalene	142	15.359	15.358	0.001	89	3399		0.0835	
157 1,1-Dichloro-1-fluoroethane	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
160 1-Chloropropane	1		0.000					ND	
161 1-Bromo-3-Chloropropane	1		0.000					ND	
162 Propene oxide	1		0.000					ND	
163 n-Decane	57		0.000					ND	
164 Methylal	1		0.000					ND	
165 tert-Butyl Formate	1		0.000					ND	
166 1,1-Dichloroacetone	1		0.000					ND	
167 Dodecane	57		0.000					ND	
168 2-Bromo-1-chloropropane	1		0.000					ND	
169 1,1-Dichloro-1-fluoroethane TIC1			0.000					ND	
170 Ethyl acrylate	55		0.000					ND	
177 Ethyl Acetate TIC	1		0.000					ND	
183 Pentane	43		2.989					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

a - User Assigned ID

Reagents:

MSV_29_826ISS_00066

Amount Added: 1.20

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X06.D

Injection Date: 03-Dec-2025 23:42:30

Instrument ID: 16334

Operator ID: ncc117024

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

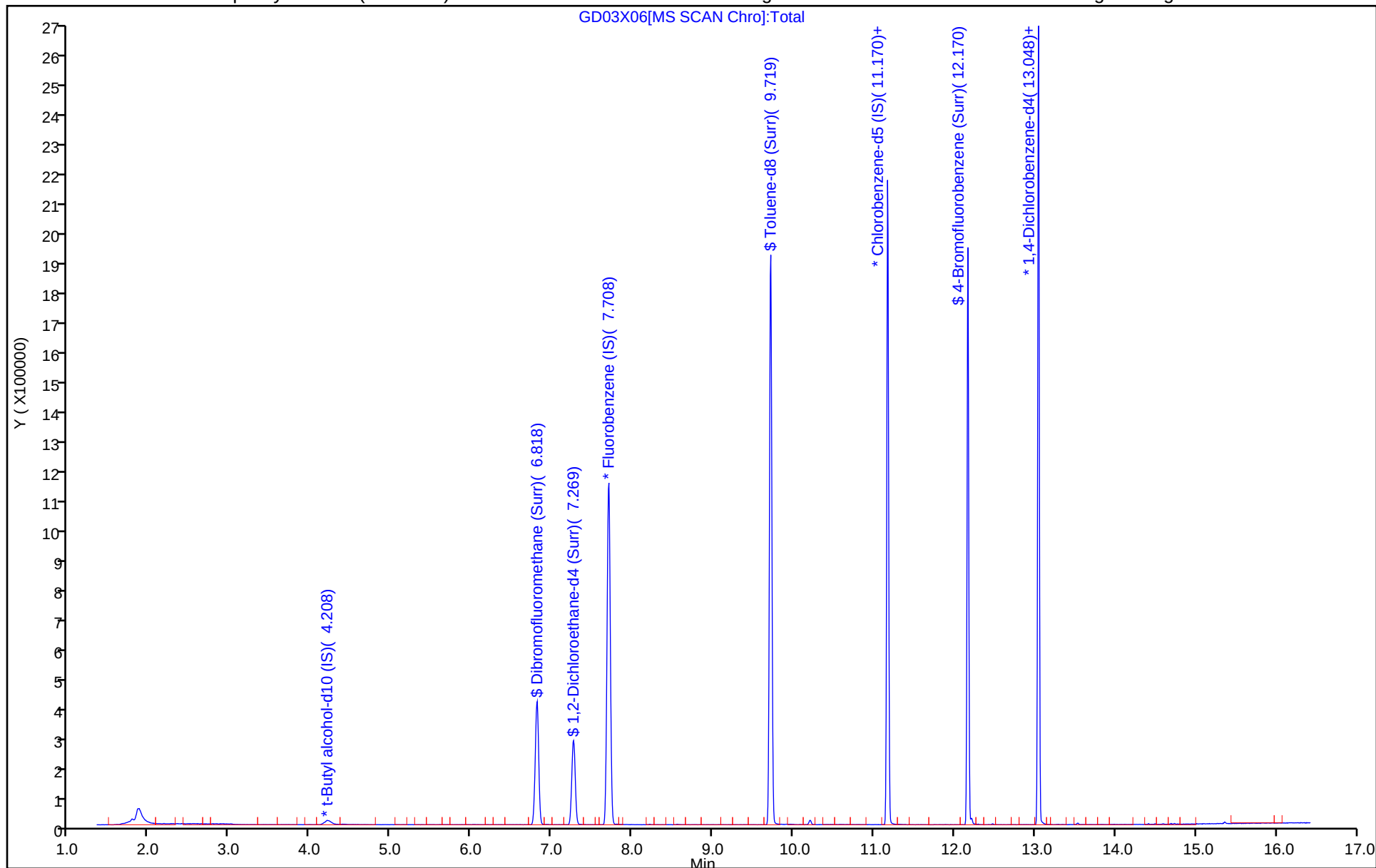
ALS Bottle#: 6

Method: MSV_16334_25mL

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\16334\20251203-168772.b\GD03X06.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 03-Dec-2025 23:42:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168772-007
Operator ID: ncc117024 Instrument ID: 16334
Method: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\MSV_16334_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 04-Dec-2025 16:33:47 Calib Date: 25-Nov-2025 04:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1715

First Level Reviewer: HR3Z

Date: 04-Dec-2025 00:33:05

Compound	Amount Added	Amount Recovered	% Rec.
\$ 52 Dibromofluoromethane (Surr)	10.0	9.71	97.13
\$ 59 1,2-Dichloroethane-d4 (Surr)	10.0	9.77	97.75
\$ 83 Toluene-d8 (Surr)	10.0	9.97	99.66
\$ 127 4-Bromofluorobenzene (Surr)	10.0	10.1	101.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-738847/10

Matrix: Water

Lab File ID: ID04X09.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 12:10

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738847

Units: ug/L

Preparation Batch No.:

Instrument ID: 19930

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.070
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	ND		0.50	0.10
75-35-4	1,1-Dichloroethene	ND		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	ND		0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	ND		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	ND		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-738847/10

Matrix: Water Lab File ID: ID04X09.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 25 (mL) Date Analyzed: 12/04/2025 12:10

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738847 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 19930

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	ND		0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		80-120
460-00-4	4-Bromofluorobenzene (Surr)	93		80-120
1868-53-7	Dibromofluoromethane (Surr)	104		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X09.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 04-Dec-2025 12:10:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168823-010
 Operator ID: ecr105096 Instrument ID: 19930
 Method: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\8260 25ml HP31.m
 Limit Group: MSV - 8260C_D
 Last Update: 04-Dec-2025 15:55:09 Calib Date: 21-Aug-2025 16:36:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250821-157302.b\IG21X08.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1629

First Level Reviewer: N7YK

Date: 04-Dec-2025 15:27:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorodifluoromethane	51		1.782					ND	
1 Dichlorodifluoromethane	85		1.788					ND	
3 Dimethyl ether	45		1.837					ND	U
4 Chloromethane	50		1.971					ND	
6 Butadiene	39		2.056					ND	7
5 Vinyl chloride	62		2.075					ND	
7 Bromomethane	94		2.379					ND	
8 Chloroethane	64		2.422					ND	
9 Dichlorofluoromethane	67		2.635					ND	
10 Trichlorofluoromethane	101		2.721					ND	
11 Ethyl ether	59		2.904					ND	
13 1,2-Dichloro-1,1,2-trifluoroethane	67		2.989					ND	
14 Acrolein	56		3.050					ND	7
15 1,1-Dichloroethene	96		3.184					ND	
16 Acetone	43		3.202					ND	
17 1,1,2-Trichloro-1,2,2-trifluoroethane	101		3.227					ND	
18 Iodomethane	142		3.361					ND	
19 Ethyl bromide	108		3.379					ND	
20 Carbon disulfide	76		3.458					ND	7
23 Methyl acetate	43		3.593					ND	
21 Acetonitrile	41		3.605					ND	
24 3-Chloro-1-propene	41		3.605					ND	
25 Methylene Chloride	84		3.775					ND	
* 26 t-Butyl alcohol-d10 (IS)	65	3.775	3.788	-0.013	22	152820	50.0	50.0	
27 2-Methyl-2-propanol	59		3.891					ND	
28 Acrylonitrile	53		4.086					ND	
29 Methyl tert-butyl ether	73		4.141					ND	
30 trans-1,2-Dichloroethene	96		4.153					ND	
31 Hexane	57		4.574					ND	
33 Vinyl acetate	43		4.806					ND	
32 1,1-Dichloroethane	63		4.806					ND	
35 Isopropyl ether	45		4.873					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 2-Chloro-1,3-butadiene	53		4.916					ND	
37 Tert-butyl ethyl ether	59		5.415					ND	
38 2-Butanone (MEK)	43		5.617					ND	
39 cis-1,2-Dichloroethene	96		5.647					ND	
40 2,2-Dichloropropane	77		5.659					ND	
42 Ethyl acetate	43		5.696					ND	
43 Propionitrile	54		5.702					ND	
45 Methacrylonitrile	67		5.921					ND	
46 Chlorobromomethane	128		5.982					ND	
47 Tetrahydrofuran	71		5.995					ND	
48 Chloroform	83		6.141					ND	
S 41 1,2-Dichloroethene, Total	100		6.155					ND	7
44 Methyl acrylate	55		6.220					ND	
\$ 49 Dibromofluoromethane (Surr)	113	6.360	6.360	0.000	94	540897	10.0	10.4	
50 1,1,1-Trichloroethane	97		6.366					ND	
51 Cyclohexane	56		6.464					ND	
54 Carbon tetrachloride	117		6.580					ND	
53 1,1-Dichloropropene	75		6.586					ND	
55 Isobutyl alcohol	41		6.751					ND	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	6.811	6.811	0.000	62	110777	10.0	10.5	
57 Benzene	78		6.842					ND	
58 1,2-Dichloroethane	62		6.915					ND	
59 Isopropyl acetate	43		6.945					ND	
52 1-Chlorobutane	56	7.025	7.019	0.006	1	1506		NC	
60 Tert-amyl methyl ether	73		7.043					ND	
* 61 Fluorobenzene (IS)	96	7.256	7.257	-0.001	100	1909946	10.0	10.0	
62 n-Heptane	43		7.281					ND	7
63 n-Butanol	56		7.647					ND	
64 Trichloroethene	95		7.738					ND	
65 Methylcyclohexane	83		8.043					ND	
66 1,2-Dichloropropane	63		8.067					ND	
68 1,4-Dioxane	88		8.171					ND	
67 Methyl methacrylate	69		8.171					ND	
69 Dibromomethane	93		8.183					ND	
70 n-Propyl acetate	43		8.262					ND	
71 Dichlorobromomethane	83		8.421					ND	
72 2-Nitropropane	41		8.683					ND	
73 2-Chloroethyl vinyl ether	63		8.811					ND	
75 1-Bromo-2-chloroethane	63		8.811					ND	
76 cis-1,3-Dichloropropene	75		8.982					ND	
77 4-Methyl-2-pentanone (MIBK)	43		9.165					ND	
74 Chloroacetonitrile	75		9.226					ND	
\$ 78 Toluene-d8 (Surr)	98	9.317	9.311	0.006	93	1915683	10.0	10.0	
79 Toluene	92		9.390					ND	
97 trans-1,3-Dichloropropene	75		9.671					ND	
99 Ethyl methacrylate	69		9.744					ND	
100 1,1,2-Trichloroethane	97		9.878					ND	
101 Tetrachloroethene	166		9.969					ND	
102 1,3-Dichloropropane	76		10.049					ND	
S 98 1,3-Dichloropropene, Total	100		10.060					ND	7
103 2-Hexanone	43		10.104					ND	
104 n-Butyl acetate	43		10.256					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
105 Chlorodibromomethane	129		10.268					ND	
106 Ethylene Dibromide	107		10.384					ND	
* 107 Chlorobenzene-d5 (IS)	117	10.829	10.829	0.000	83	1521129	10.0	10.0	
108 1-Chlorohexane	91		10.841					ND	7
109 Chlorobenzene	112		10.853					ND	
111 1,1,1,2-Tetrachloroethane	131		10.939					ND	
112 Ethylbenzene	91		10.945					ND	
113 m-Xylene & p-Xylene	106		11.061					ND	
S 110 Xylenes, Total	106		11.245					ND	7
114 o-Xylene	106		11.396					ND	
115 Styrene	104		11.414					ND	
116 Bromoform	173		11.573					ND	
117 Isopropylbenzene	105		11.701					ND	
118 cis-1,4-Dichloro-2-butene	88		11.768					ND	U
119 Cyclohexanone	55		11.774					ND	
\$ 120 4-Bromofluorobenzene (Surr)	95	11.853	11.847	0.006	98	647458	10.0	9.33	
121 1,1,2,2-Tetrachloroethane	83		11.951					ND	
122 Bromobenzene	156		11.963					ND	
123 trans-1,4-Dichloro-2-butene	53		11.975					ND	
124 1,2,3-Trichloropropane	110		11.993					ND	
125 N-Propylbenzene	91		12.036					ND	
126 2-Chlorotoluene	126		12.109					ND	
127 1,3,5-Trimethylbenzene	105		12.170					ND	
128 4-Chlorotoluene	126		12.201					ND	
129 tert-Butylbenzene	134		12.414					ND	
130 Pentachloroethane	167		12.445					ND	
131 1,2,4-Trimethylbenzene	105		12.457					ND	
132 sec-Butylbenzene	105		12.579					ND	
133 1,3-Dichlorobenzene	146		12.676					ND	
134 4-Isopropyltoluene	119		12.688					ND	7
* 135 1,4-Dichlorobenzene-d4	152	12.737	12.731	0.006	93	882681	10.0	10.0	
136 1,4-Dichlorobenzene	146		12.749					ND	
137 1,2,3-Trimethylbenzene	120		12.762					ND	7
138 Benzyl chloride	126		12.829					ND	
139 n-Butylbenzene	92		12.981					ND	
140 1,2-Dichlorobenzene	146		13.005					ND	
141 Hexachloroethane	117		13.542					ND	
142 1,2-Dibromo-3-Chloropropane	155		13.548					ND	
143 1,3,5-Trichlorobenzene	180		13.676					ND	7
144 1,2,4-Trichlorobenzene	180		14.097					ND	
145 Hexachlorobutadiene	225	14.188	14.182	0.006	89	2202		0.0365	
146 Naphthalene	128		14.273					ND	
147 1,2,3-Trichlorobenzene	180		14.414					ND	
148 Dodecane	57		0.000					ND	
160 2-Bromo-1-chloropropane	1		0.000					ND	
219 1,1,1-Trifluoro-2,2-dichloroetha	1		0.000					ND	
164 1-Chloropropane	1		0.000					ND	
221 1,1,1-Trichloro-2,2,2-trifluoroe	1		0.000					ND	
213 Chlorofluoromethane TIC	1		0.000					ND	
220 1,2-Dichlorofluoroethane TIC	1		0.000					ND	
222 Vinyl Fluoride TIC	1		0.000					ND	
165 Isopropyl alcohol	45		0.000					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
149 2-Chloro-1,1,1-Trifluoroethane	1		0.000					ND	
161 Pentane	43		0.000					ND	
237 C4-C12	1		0.000					ND	
214 Dichloro-1,1,2,2-tetrafluoroethane	1		0.000					ND	
215 1-Chloro-1,1-difluoroethane TIC	1		0.000					ND	
216 Ethyl ether TIC	1		0.000					ND	
162 Chlorotrifluoroethene	1		0.000					ND	
163 Propene oxide	1		0.000					ND	
150 2-ethoxy-2-methyl butane	1		0.000					ND	
218 Fluoromethane TIC	1		0.000					ND	
225 1,1-Dichloro-1-fluoroethane TIC	1		0.000					ND	
217 Freon 115 TIC	1		0.000					ND	
234 Isooctane TIC	1		0.000					ND	
226 C4-C10	1		0.000					ND	
227 sec-Butyl Alcohol TIC	1		0.000					ND	
157 t-Amyl alcohol	1		0.000					ND	
228 1,1,1,2-Tetrafluoroethane TIC	1		0.000					ND	
223 1,1,2-Trifluoroethane TIC	1		0.000					ND	
154 1,1-Dichloro-1-fluoroethane	1		0.000					ND	
232 Dimethylformamide TIC	1		0.000					ND	
231 C6-C10	1		0.000					ND	
151 1,1-Dichloroacetone	1		0.000					ND	
235 C7-C12	1		0.000					ND	
236 C5-C12	1		0.000					ND	
229 C6-C12	1		0.000					ND	
230 Gasoline (Unleaded)	1		0.000					ND	
156 p-Diethylbenzene	1		0.000					ND	
159 tert-Butyl Formate	1		0.000					ND	
233 3-Pentanone TIC	1		0.000					ND	
152 n-Decane	57		0.000					ND	
153 1-Bromo-3-Chloropropane	1		0.000					ND	
158 Methylal	1		0.000					ND	
166 Ethanol	45		3.269					ND	
155 2-Methylnaphthalene	142		15.005					ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_LLcentISS_00019

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 04-Dec-2025 15:56:25

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X09.D

Injection Date: 04-Dec-2025 12:10:30

Instrument ID: 19930

Operator ID: ecr105096

Lims ID: MB

Worklist Smp#: 10

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

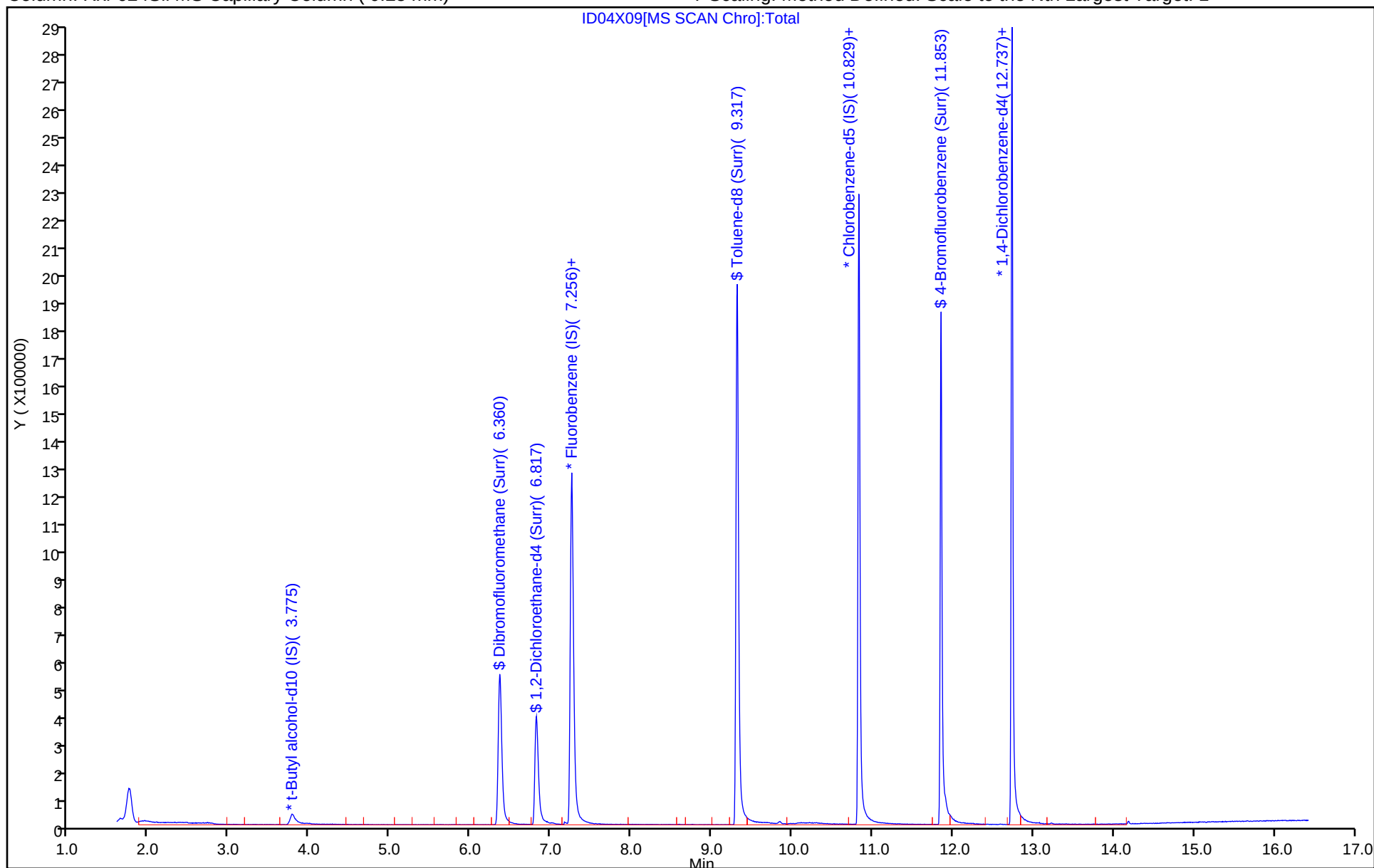
ALS Bottle#: 9

Method: 8260 25ml HP31

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\19930\20251204-168823.b\ID04X09.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 04-Dec-2025 12:10:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168823-010
Operator ID: ecr105096 Instrument ID: 19930
Method: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\8260 25ml HP31.m
Limit Group: MSV - 8260C_D
Last Update: 04-Dec-2025 15:55:09 Calib Date: 21-Aug-2025 16:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250821-157302.b\IG21X08.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1629

First Level Reviewer: N7YK

Date: 04-Dec-2025 15:27:40

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	10.0	10.4	104.00
\$ 56 1,2-Dichloroethane-d4 (Surr)	10.0	10.5	105.28
\$ 78 Toluene-d8 (Surr)	10.0	10.0	100.07
\$ 120 4-Bromofluorobenzene (Surr)	10.0	9.33	93.35

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-739507/10

Matrix: Water

Lab File ID: GD05X09.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 12/05/2025 12:39

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 739507

Units: ug/L

Preparation Batch No.:

Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.070
71-55-6	1,1,1-Trichloroethane	ND		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	ND		0.50	0.10
75-35-4	1,1-Dichloroethene	ND		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	ND		0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	ND		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	ND		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 410-739507/10

Matrix: Water Lab File ID: GD05X09.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 25 (mL) Date Analyzed: 12/05/2025 12:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 739507 Units: ug/L

Preparation Batch No.: Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	ND		0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		80-120
460-00-4	4-Bromofluorobenzene (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	96		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\GD05X09.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 05-Dec-2025 12:39:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168967-010
 Operator ID: ecr105096 Instrument ID: 16334
 Method: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 17:50:16 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1714

First Level Reviewer: N7YK

Date: 05-Dec-2025 13:50:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.885					ND	
2 Dichlorodifluoromethane	85		1.928					ND	
3 Chlorodifluoromethane	51		1.946					ND	
4 Dimethyl ether	45		2.007					ND	
5 Chloromethane	50		2.129					ND	
7 Butadiene	39		2.245					ND	
6 Vinyl chloride	62		2.245					ND	
8 2-Chloro-1,1,1-Trifluoroethane	118		2.324					ND	
9 Bromomethane	94		2.568					ND	
10 Chloroethane	64		2.654					ND	
11 Dichlorofluoromethane	67		2.897					ND	
12 Trichlorofluoromethane	101		2.983					ND	
13 Ethanol	45		3.184					ND	
15 Ethyl ether	59		3.208					ND	
16 1,2-Dichloro-1,1,2-trifluoroetha	67		3.300					ND	
17 Acrolein	56		3.385					ND	
18 1,1-Dichloroethene	96		3.519					ND	
19 Acetone	43		3.556					ND	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101		3.562					ND	
21 Iodomethane	142		3.708					ND	
22 Isopropyl alcohol	45		3.739					ND	
23 Ethyl bromide	108		3.745					ND	
24 Carbon disulfide	76		3.812					ND	
26 Acetonitrile	41		3.946					ND	
27 Methyl acetate	43		3.983					ND	
28 3-Chloro-1-propene	41		4.001					ND	
29 Methylene Chloride	84		4.190					ND	
* 30 t-Butyl alcohol-d10 (IS)	65	4.214	4.220	-0.006	24	59158	50.0	50.0	
31 2-Methyl-2-propanol	59		4.342					ND	
32 Acrylonitrile	53		4.543					ND	
33 Methyl tert-butyl ether	73		4.592					ND	
34 trans-1,2-Dichloroethene	96		4.604					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Hexane	57		5.031					ND	
37 Vinyl acetate	43		5.257					ND	
36 1,1-Dichloroethane	63		5.275					ND	
38 Isopropyl ether	45		5.330					ND	
39 2-Chloro-1,3-butadiene	53		5.379					ND	
40 Tert-butyl ethyl ether	59		5.872					ND	
41 Methyl acrylate	55		6.086					ND	
42 2-Butanone (MEK)	43		6.086					ND	
44 cis-1,2-Dichloroethene	96		6.110					ND	
45 2,2-Dichloropropane	77		6.129					ND	
46 Ethyl acetate	43		6.147					ND	
S 43 1,2-Dichloroethene, Total	100		6.155					ND	7
47 Propionitrile	54		6.189					ND	
48 Methacrylonitrile	67		6.397					ND	
49 Chlorobromomethane	128		6.439					ND	
50 Tetrahydrofuran	71		6.458					ND	
51 Chloroform	83		6.598					ND	
\$ 52 Dibromofluoromethane (Surr)	113	6.811	6.811	0.000	94	381513	10.0	9.60	
53 1,1,1-Trichloroethane	97		6.823					ND	
54 Cyclohexane	56		6.915					ND	
56 Carbon tetrachloride	117		7.031					ND	
57 1,1-Dichloropropene	75		7.037					ND	
55 1-Chlorobutane	56		7.067					ND	
58 Isobutyl alcohol	41		7.208					ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.269	7.269	0.000	64	71786	10.0	9.68	
60 Benzene	78		7.299					ND	
61 1,2-Dichloroethane	62		7.372					ND	
62 Isopropyl acetate	43		7.390					ND	
63 Tert-amyl methyl ether	73		7.488					ND	
* 64 Fluorobenzene (IS)	96	7.701	7.707	-0.006	99	1643244	10.0	10.0	
65 n-Heptane	43		7.714					ND	
66 t-Amyl alcohol	73		7.903					ND	
67 n-Butanol	56		8.079					ND	
68 Trichloroethene	95		8.183					ND	
69 Methylcyclohexane	83		8.488					ND	
70 1,2-Dichloropropane	63		8.518					ND	
71 2-ethoxy-2-methyl butane	87		8.524					ND	
72 1,4-Dioxane	88		8.604					ND	
73 Methyl methacrylate	69		8.604					ND	
74 Dibromomethane	93		8.628					ND	
75 n-Propyl acetate	61		8.689					ND	
76 Dichlorobromomethane	83		8.860					ND	
78 2-Nitropropane	41		9.146					ND	
77 Chloroacetonitrile	75		9.158					ND	
79 2-Chloroethyl vinyl ether	63		9.232					ND	
80 1-Bromo-2-chloroethane	63		9.250					ND	
81 cis-1,3-Dichloropropene	75		9.408					ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.591					ND	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.719	0.000	93	1579485	10.0	9.98	
84 Toluene	92		9.792					ND	
105 trans-1,3-Dichloropropene	75		10.055					ND	
S 104 1,3-Dichloropropene, Total	100		10.060					ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
106 Ethyl methacrylate	69		10.116					ND	
107 1,1,2-Trichloroethane	97		10.256					ND	
108 Tetrachloroethene	166		10.341					ND	
109 1,3-Dichloropropane	76		10.420					ND	
110 2-Hexanone	43		10.475					ND	
111 n-Butyl acetate	43		10.597					ND	
112 Chlorodibromomethane	129		10.628					ND	
113 Ethylene Dibromide	107		10.737					ND	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.170	0.000	84	1229247	10.0	10.0	
115 1-Chlorohexane	91		11.182					ND	7
116 Chlorobenzene	112		11.201					ND	
S 117 Xylenes, Total	106		11.245					ND	7
118 1,1,1,2-Tetrachloroethane	131		11.280					ND	
119 Ethylbenzene	91		11.286					ND	
120 m-Xylene & p-Xylene	106		11.402					ND	
121 o-Xylene	106		11.725					ND	
122 Styrene	104		11.743					ND	
123 Bromoform	173		11.896					ND	
124 Isopropylbenzene	105		12.030					ND	
125 cis-1,4-Dichloro-2-butene	88		12.079					ND	
126 Cyclohexanone	55		12.109					ND	U
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	94	569716	10.0	10.0	
128 1,1,2,2-Tetrachloroethane	83		12.274					ND	
129 Bromobenzene	156		12.286					ND	
130 trans-1,4-Dichloro-2-butene	53		12.298					ND	
131 1,2,3-Trichloropropane	110		12.316					ND	
132 N-Propylbenzene	91		12.353					ND	
133 2-Chlorotoluene	126		12.432					ND	
134 1,3,5-Trimethylbenzene	105		12.487					ND	
135 4-Chlorotoluene	126		12.524					ND	
136 tert-Butylbenzene	134		12.731					ND	
137 Pentachloroethane	167		12.761					ND	
138 1,2,4-Trimethylbenzene	105		12.774					ND	
139 sec-Butylbenzene	105		12.895					ND	
140 1,3-Dichlorobenzene	146		12.993					ND	
141 4-Isopropyltoluene	119		12.999					ND	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	94	668678	10.0	10.0	
143 1,4-Dichlorobenzene	146		13.066					ND	
144 1,2,3-Trimethylbenzene	120		13.078					ND	7
145 Benzyl chloride	126		13.145					ND	
146 p-Diethylbenzene	119		13.200					ND	
147 n-Butylbenzene	92		13.292					ND	
148 1,2-Dichlorobenzene	146		13.322					ND	
149 Hexachloroethane	201		13.499					ND	
150 1,2-Dibromo-3-Chloropropane	155		13.865					ND	
151 1,3,5-Trichlorobenzene	180		13.987					ND	
152 1,2,4-Trichlorobenzene	180		14.413					ND	
153 Hexachlorobutadiene	225		14.493					ND	
154 Naphthalene	128		14.596					ND	7
155 1,2,3-Trichlorobenzene	180		14.737					ND	
156 2-Methylnaphthalene	142	15.358	15.358	0.000	90	1308		0.0318	
157 1,1-Dichloro-1-fluoroethane	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
160 1-Chloropropane	1		0.000					ND	
161 1-Bromo-3-Chloropropane	1		0.000					ND	
162 Propene oxide	1		0.000					ND	
163 n-Decane	57		0.000					ND	
164 Methylal	1		0.000					ND	
165 tert-Butyl Formate	1		0.000					ND	
166 1,1-Dichloroacetone	1		0.000					ND	
167 Dodecane	57		0.000					ND	
168 2-Bromo-1-chloropropane	1		0.000					ND	
169 1,1-Dichloro-1-fluoroethane TIC1			0.000					ND	
170 Ethyl acrylate	55		0.000					ND	
177 Ethyl Acetate TIC	1		0.000					ND	
183 Pentane	43		2.995					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_29_826ISS_00069

Amount Added: 1.20

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\GD05X09.D

Injection Date: 05-Dec-2025 12:39:30

Instrument ID: 16334

Operator ID: ecr105096

Lims ID: MB

Worklist Smp#: 10

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

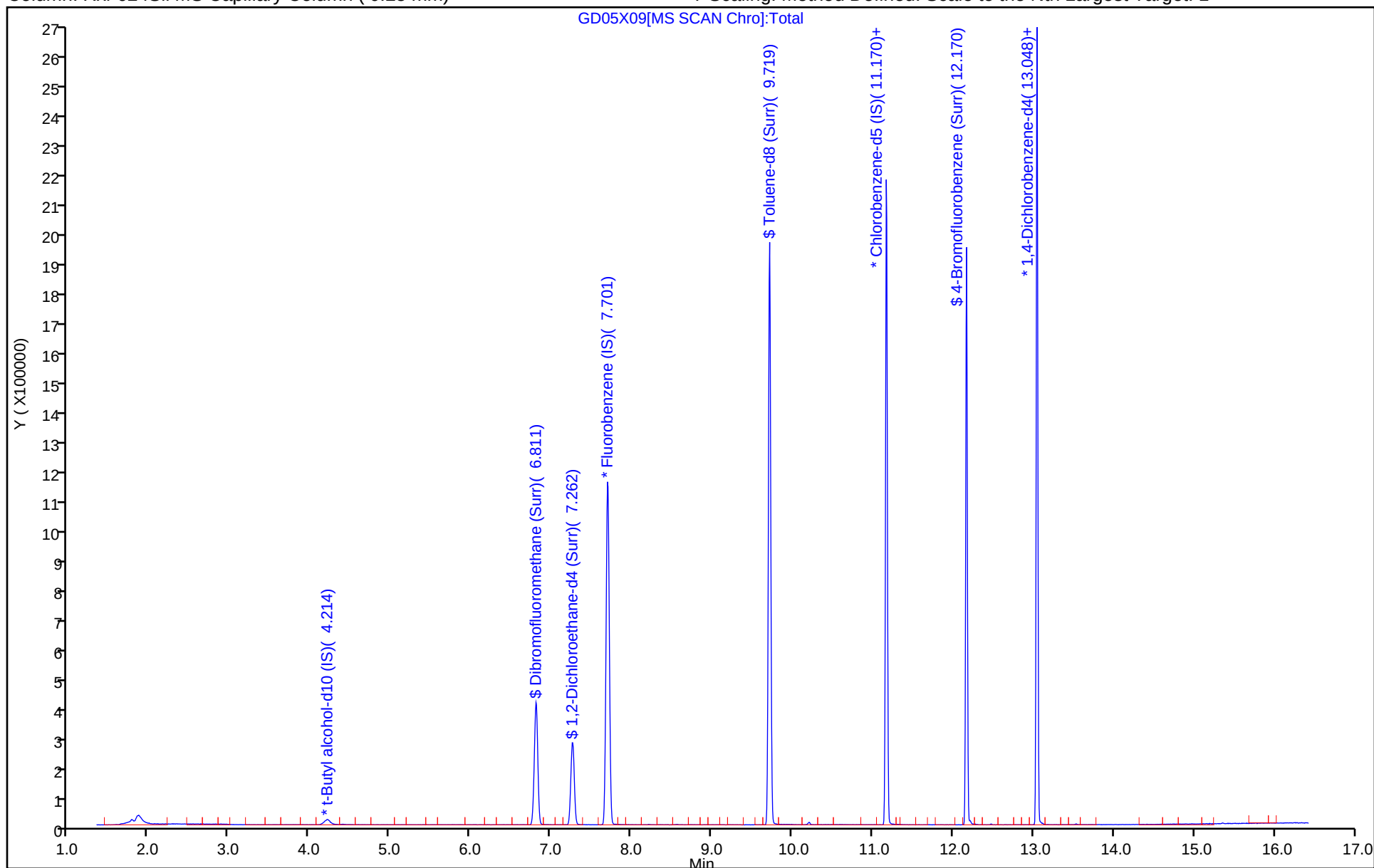
ALS Bottle#: 9

Method: MSV_16334_25mL

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\16334\20251205-168967.b\GD05X09.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 05-Dec-2025 12:39:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168967-010
Operator ID: ecr105096 Instrument ID: 16334
Method: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\MSV_16334_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 17:50:16 Calib Date: 25-Nov-2025 04:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1714

First Level Reviewer: N7YK

Date: 05-Dec-2025 13:50:59

Compound	Amount Added	Amount Recovered	% Rec.
\$ 52 Dibromofluoromethane (Surr)	10.0	9.60	96.00
\$ 59 1,2-Dichloroethane-d4 (Surr)	10.0	9.68	96.79
\$ 83 Toluene-d8 (Surr)	10.0	9.98	99.84
\$ 127 4-Bromofluorobenzene (Surr)	10.0	10.0	100.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-738637/4

Matrix: Water

Lab File ID: HD03X53.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 12/03/2025 22:36

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738637

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	5.13		0.50	0.070
71-55-6	1,1,1-Trichloroethane	5.06		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	5.23		0.50	0.10
79-00-5	1,1,2-Trichloroethane	5.27		0.50	0.080
75-34-3	1,1-Dichloroethane	5.56		0.50	0.10
75-35-4	1,1-Dichloroethene	5.53		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	5.29		0.50	0.080
107-06-2	1,2-Dichloroethane	5.27		0.50	0.070
78-87-5	1,2-Dichloropropane	5.52		0.50	0.10
78-93-3	2-Butanone (MEK)	63.7		5.0	1.0
591-78-6	2-Hexanone	67.4		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	62.7		5.0	1.0
67-64-1	Acetone	55.5		5.0	1.5
71-43-2	Benzene	5.19		0.50	0.10
74-97-5	Bromochloromethane	5.26		0.50	0.080
75-27-4	Bromodichloromethane	5.20		0.50	0.080
75-25-2	Bromoform	4.83		1.0	0.30
74-83-9	Bromomethane	4.85		0.50	0.10
75-15-0	Carbon disulfide	5.31		1.0	0.10
56-23-5	Carbon tetrachloride	5.23		0.50	0.10
108-90-7	Chlorobenzene	5.24		0.50	0.070
75-00-3	Chloroethane	5.16		0.50	0.10
67-66-3	Chloroform	5.17		0.50	0.090
74-87-3	Chloromethane	4.90		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	5.38		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	5.09		0.50	0.10
124-48-1	Dibromochloromethane	4.96		0.50	0.080
100-41-4	Ethylbenzene	5.17		0.50	0.080
1634-04-4	Methyl tert-butyl ether	4.84		0.50	0.080
75-09-2	Methylene Chloride	5.43		0.50	0.20
100-42-5	Styrene	5.17		0.50	0.070
127-18-4	Tetrachloroethene	4.84		0.50	0.20

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Instrument ID: 19094

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		80-120
460-00-4	4-Bromofluorobenzene (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	99		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\19094\20251203-168773.b\HD03X53.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 03-Dec-2025 22:36:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168773-004
 Operator ID: ncc117024 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 04-Dec-2025 00:33:30 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1621

First Level Reviewer: HR3Z

Date: 03-Dec-2025 23:27:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.825	1.825	0.000	99	403131	5.00	5.01	
5 Chloromethane	50	2.007	2.008	-0.001	99	449390	5.00	4.90	
6 Butadiene	39	2.099	2.099	0.000	92	484126	5.00	4.99	
7 Vinyl chloride	62	2.117	2.111	0.006	98	407811	5.00	4.67	
9 Bromomethane	94	2.422	2.422	0.000	91	273857	5.00	4.85	
10 Chloroethane	64	2.465	2.465	0.000	100	239454	5.00	5.16	
11 Dichlorofluoromethane	67	2.672	2.672	0.000	97	618105	5.00	4.83	
12 Trichlorofluoromethane	101	2.769	2.770	-0.001	98	406208	5.00	3.68	
14 1,2-Dichloro-1,1,2-trifluoroethane	67	3.013	3.026	-0.013	94	370264	5.00	5.01	
17 1,1-Dichloroethene	96	3.227	3.227	0.000	96	272847	5.00	5.53	
19 Acetone	43	3.251	3.257	-0.006	89	295681	62.5	55.5	
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.275	3.276	-0.001	95	278613	5.00	5.47	
20 Iodomethane	142	3.403	3.404	-0.001	99	449973	5.00	4.98	
23 Carbon disulfide	76	3.507	3.507	0.000	99	745504	5.00	5.31	
24 Methyl acetate	43	3.653	3.641	0.012	24	64280	5.00	6.30	M
25 3-Chloro-1-propene	41	3.653	3.654	-0.001	91	442992	5.00	5.15	
* 28 t-Butyl alcohol-d10 (IS)	65	3.806	3.818	-0.012	96	73649	50.0	50.0	
27 Methylene Chloride	84	3.824	3.818	0.006	94	270273	5.00	5.43	
29 2-Methyl-2-propanol	59	3.928	3.916	0.012	98	70697	50.0	55.7	
30 Acrylonitrile	53	4.153	4.160	-0.007	99	159051	25.0	21.5	
31 Methyl tert-butyl ether	73	4.178	4.184	-0.006	96	529815	5.00	4.84	
33 trans-1,2-Dichloroethene	96	4.208	4.208	0.000	97	289273	5.00	5.31	
34 Hexane	57	4.623	4.623	0.000	93	407712	5.00	5.26	
35 1,1-Dichloroethane	63	4.854	4.848	0.006	96	564076	5.00	5.56	
37 Isopropyl ether	45	4.915	4.916	-0.001	94	889457	5.00	5.46	
38 2-Chloro-1,3-butadiene	53	4.970	4.964	0.006	91	446911	5.00	4.98	
39 Tert-butyl ethyl ether	59	5.458	5.458	0.000	98	754668	5.00	5.13	
41 2-Butanone (MEK)	43	5.665	5.659	0.006	100	595177	62.5	63.7	
42 cis-1,2-Dichloroethene	96	5.708	5.702	0.006	84	310821	5.00	5.38	
43 2,2-Dichloropropane	77	5.708	5.714	-0.006	87	466298	5.00	5.13	
44 Propionitrile	54	5.775	5.745	0.030	97	63411	37.5	37.7	M
46 Methacrylonitrile	67	5.970	5.964	0.006	93	378214	37.5	39.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
47 Chlorobromomethane	128	6.043	6.037	0.006	97	114763	5.00	5.26	
48 Tetrahydrofuran	71	6.049	6.043	0.006	80	66848	25.0	24.8	
50 Chloroform	83	6.196	6.190	0.006	94	511430	5.00	5.17	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.409	0.000	93	460407	10.0	9.88	
52 1,1,1-Trichloroethane	97	6.421	6.421	0.000	99	472841	5.00	5.06	
54 Cyclohexane	56	6.531	6.525	0.006	91	541141	5.00	5.18	
56 Carbon tetrachloride	117	6.641	6.641	0.000	95	411186	5.00	5.23	
55 1,1-Dichloropropene	75	6.647	6.641	0.006	96	432315	5.00	5.30	
57 Isobutyl alcohol	41	6.805	6.793	0.012	94	70747	125.0	130.0	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	96	85547	10.0	9.95	
59 Benzene	78	6.903	6.903	0.000	97	1228125	5.00	5.19	
60 1,2-Dichloroethane	62	6.982	6.982	0.000	97	277252	5.00	5.27	
62 Tert-amyl methyl ether	73	7.110	7.104	0.006	99	640966	5.00	5.22	
* 64 Fluorobenzene (IS)	96	7.317	7.318	-0.001	98	2036621	10.0	10.0	
65 n-Heptane	43	7.348	7.342	0.006	94	406971	5.00	5.14	
66 n-Butanol	56	7.726	7.702	0.024	92	112687	250.0	332.3	
67 Trichloroethene	95	7.817	7.811	0.006	99	318540	5.00	5.13	
69 Methylcyclohexane	83	8.122	8.122	0.000	93	514000	5.00	4.85	
70 1,2-Dichloropropane	63	8.140	8.147	-0.007	97	306958	5.00	5.52	
71 2-ethoxy-2-methyl butane	87	8.165	8.165	0.000	92	428511	5.00	5.07	
73 1,4-Dioxane	88	8.250	8.244	0.006	34	16884	125.0	317.0	
72 Methyl methacrylate	69	8.250	8.244	0.006	95	92801	5.00	4.74	
74 Dibromomethane	93	8.262	8.256	0.006	97	115611	5.00	5.30	
76 Dichlorobromomethane	83	8.500	8.500	0.000	99	331406	5.00	5.20	
77 2-Nitropropane	41	8.774	8.762	0.012	98	25750	5.00	3.85	
79 1-Bromo-2-chloroethane	63	8.902	8.896	0.006	99	251335	5.00	5.35	
80 cis-1,3-Dichloropropene	75	9.073	9.067	0.006	95	373883	5.00	5.09	
81 4-Methyl-2-pentanone (MIBK)	43	9.250	9.250	0.000	97	1640063	62.5	62.7	
\$ 82 Toluene-d8 (Surr)	98	9.396	9.396	0.000	94	2053339	10.0	10.1	
84 Toluene	92	9.482	9.482	0.000	98	782754	5.00	5.18	
85 trans-1,3-Dichloropropene	75	9.762	9.762	0.000	94	290416	5.00	5.26	
86 Ethyl methacrylate	69	9.835	9.835	0.000	90	218466	5.00	5.55	
87 1,1,2-Trichloroethane	97	9.969	9.969	0.000	91	165258	5.00	5.27	
107 Tetrachloroethene	166	10.061	10.061	0.000	96	331068	5.00	4.84	
108 1,3-Dichloropropane	76	10.140	10.140	0.000	92	300086	5.00	5.47	
109 2-Hexanone	43	10.195	10.195	0.000	97	1121371	62.5	67.4	
111 Chlorodibromomethane	129	10.366	10.360	0.006	90	199841	5.00	4.96	
112 Ethylene Dibromide	107	10.475	10.475	0.000	99	150223	5.00	5.29	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.920	0.000	89	1434656	10.0	10.0	
114 1-Chlorohexane	91	10.939	10.939	0.000	97	422287	5.00	4.82	
115 Chlorobenzene	112	10.951	10.951	0.000	93	813333	5.00	5.24	
116 1,1,1,2-Tetrachloroethane	131	11.036	11.036	0.000	96	269466	5.00	5.13	
117 Ethylbenzene	91	11.042	11.042	0.000	99	1524390	5.00	5.17	
118 m-Xylene & p-Xylene	106	11.158	11.158	0.000	99	1156306	10.0	10.1	
120 o-Xylene	106	11.493	11.494	-0.001	98	548322	5.00	5.07	
121 Styrene	104	11.512	11.512	0.000	94	877337	5.00	5.17	
122 Bromoform	173	11.670	11.670	0.000	96	100756	5.00	4.83	
123 Isopropylbenzene	105	11.804	11.804	0.000	96	1484051	5.00	5.02	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.944	11.945	-0.001	88	730639	10.0	10.0	
127 1,1,2,2-Tetrachloroethane	83	12.048	12.048	0.000	94	192491	5.00	5.23	
128 Bromobenzene	156	12.060	12.060	0.000	97	306312	5.00	5.11	
129 trans-1,4-Dichloro-2-butene	53	12.079	12.073	0.006	91	166248	25.0	18.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
130 1,2,3-Trichloropropane	110	12.097	12.097	0.000	82	48073	5.00	4.90	
131 N-Propylbenzene	91	12.133	12.134	-0.001	99	1745548	5.00	5.00	
132 2-Chlorotoluene	126	12.207	12.207	0.000	96	332918	5.00	5.04	
133 1,3,5-Trimethylbenzene	105	12.274	12.274	0.000	93	1213843	5.00	4.90	
134 4-Chlorotoluene	126	12.304	12.304	0.000	98	340849	5.00	5.06	
135 tert-Butylbenzene	134	12.518	12.518	0.000	93	245870	5.00	4.62	
137 1,2,4-Trimethylbenzene	105	12.560	12.560	0.000	98	1227911	5.00	4.87	
138 sec-Butylbenzene	105	12.682	12.682	0.000	95	1508886	5.00	4.89	
139 1,3-Dichlorobenzene	146	12.780	12.780	0.000	97	616562	5.00	5.06	
140 4-Isopropyltoluene	119	12.792	12.792	0.000	97	1262321	5.00	4.73	
* 141 1,4-Dichlorobenzene-d4	152	12.835	12.835	0.000	96	793705	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.853	12.853	0.000	94	619342	5.00	4.95	
143 1,2,3-Trimethylbenzene	120	12.865	12.865	0.000	99	517393	5.00	4.97	
144 Benzyl chloride	126	12.932	12.932	0.000	99	71177	5.00	5.00	
145 p-Diethylbenzene	119	13.066	13.066	0.000	94	762725	5.00	4.82	
146 n-Butylbenzene	92	13.085	13.085	0.000	98	631701	5.00	4.93	
147 1,2-Dichlorobenzene	146	13.115	13.115	0.000	98	542538	5.00	5.05	
148 1,2-Dibromo-3-Chloropropane	155	13.658	13.658	0.000	82	21323	5.00	4.75	
150 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	97	404521	5.00	4.71	
151 1,2,4-Trichlorobenzene	180	14.206	14.206	0.000	94	318468	5.00	4.81	
152 Hexachlorobutadiene	225	14.292	14.292	0.000	93	141807	5.00	4.89	
153 Naphthalene	128	14.383	14.383	0.000	97	528054	5.00	4.80	
154 1,2,3-Trichlorobenzene	180	14.529	14.530	-0.001	96	254087	5.00	4.70	
157 Pentane	43		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_00251

Amount Added: 12.50

Units: uL

MSV_QC_Gas826_00292

Amount Added: 12.50

Units: uL

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X53.D

Injection Date: 03-Dec-2025 22:36:30

Instrument ID: 19094

Operator ID: ncc117024

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

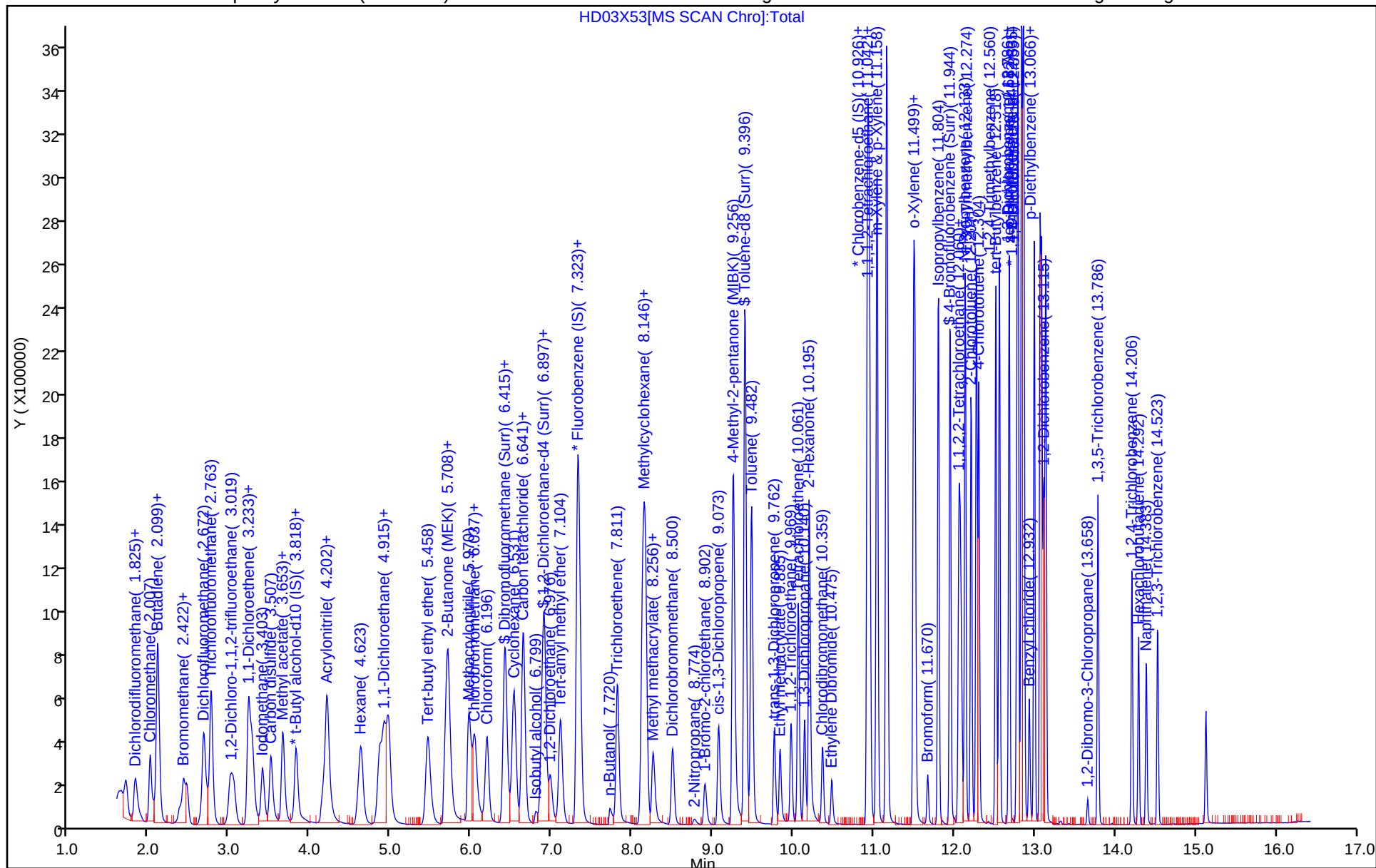
ALS Bottle#: 3

Method: MSV_19094_25mL

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\19094\20251203-168773.b\HD03X53.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 03-Dec-2025 22:36:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168773-004
Operator ID: ncc117024 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 04-Dec-2025 00:33:30 Calib Date: 27-Oct-2025 20:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1621

First Level Reviewer: HR3Z

Date: 03-Dec-2025 23:27:45

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	9.88	98.76
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	9.95	99.47
\$ 82 Toluene-d8 (Surr)	10.0	10.1	101.48
\$ 126 4-Bromofluorobenzene (Surr)	10.0	10.0	100.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-738640/4

Matrix: Water

Lab File ID: GD03X03.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 12/03/2025 22:36

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738640

Units: ug/L

Preparation Batch No.:

Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	4.97		0.50	0.070
71-55-6	1,1,1-Trichloroethane	5.09		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	5.08		0.50	0.10
79-00-5	1,1,2-Trichloroethane	5.03		0.50	0.080
75-34-3	1,1-Dichloroethane	5.30		0.50	0.10
75-35-4	1,1-Dichloroethene	5.66		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	4.97		0.50	0.080
107-06-2	1,2-Dichloroethane	5.19		0.50	0.070
78-87-5	1,2-Dichloropropane	5.06		0.50	0.10
78-93-3	2-Butanone (MEK)	63.6		5.0	1.0
591-78-6	2-Hexanone	64.8		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	64.2		5.0	1.0
67-64-1	Acetone	58.5		5.0	1.5
71-43-2	Benzene	5.03		0.50	0.10
74-97-5	Bromochloromethane	4.97		0.50	0.080
75-27-4	Bromodichloromethane	5.00		0.50	0.080
75-25-2	Bromoform	4.74		1.0	0.30
74-83-9	Bromomethane	4.52		0.50	0.10
75-15-0	Carbon disulfide	5.29		1.0	0.10
56-23-5	Carbon tetrachloride	5.14		0.50	0.10
108-90-7	Chlorobenzene	5.03		0.50	0.070
75-00-3	Chloroethane	4.66		0.50	0.10
67-66-3	Chloroform	5.05		0.50	0.090
74-87-3	Chloromethane	4.16		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	5.35		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	4.87		0.50	0.10
124-48-1	Dibromochloromethane	4.80		0.50	0.080
100-41-4	Ethylbenzene	5.08		0.50	0.080
1634-04-4	Methyl tert-butyl ether	4.75		0.50	0.080
75-09-2	Methylene Chloride	5.16		0.50	0.20
100-42-5	Styrene	5.06		0.50	0.070
127-18-4	Tetrachloroethene	4.68		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-738640/4

Matrix: Water

Lab File ID: GD03X03.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 12/03/2025 22:36

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738640

Units: ug/L

Preparation Batch No.:

Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	4.94		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	5.11		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	5.03		0.50	0.080
79-01-6	Trichloroethene	5.22		0.50	0.080
75-01-4	Vinyl chloride	4.51		0.50	0.10
1330-20-7	Xylenes, Total	14.9		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		80-120
460-00-4	4-Bromofluorobenzene (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		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\16334\20251203-168772.b\GD03X03.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 03-Dec-2025 22:36:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168772-004
 Operator ID: ncc117024 Instrument ID: 16334
 Method: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 04-Dec-2025 16:31:50 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1715

First Level Reviewer: HR3Z

Date: 03-Dec-2025 23:25:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.928	1.916	0.012	99	215821	5.00	4.06	
5 Chloromethane	50	2.135	2.123	0.012	99	215391	5.00	4.16	
7 Butadiene	39	2.251	2.239	0.012	88	182640	5.00	4.45	
6 Vinyl chloride	62	2.251	2.239	0.012	97	227575	5.00	4.51	
9 Bromomethane	94	2.580	2.562	0.018	90	175869	5.00	4.52	
10 Chloroethane	64	2.660	2.654	0.006	99	129750	5.00	4.66	
11 Dichlorofluoromethane	67	2.904	2.891	0.013	97	340196	5.00	4.65	
12 Trichlorofluoromethane	101	2.989	2.971	0.018	96	254747	5.00	3.70	
16 1,2-Dichloro-1,1,2-trifluoroethane	67	3.306	3.300	0.006	90	190474	5.00	5.04	
18 1,1-Dichloroethene	96	3.519	3.513	0.006	95	163737	5.00	5.66	
19 Acetone	43	3.562	3.550	0.012	100	188936	62.5	58.5	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.568	3.550	0.018	91	165691	5.00	5.55	
21 Iodomethane	142	3.708	3.702	0.006	98	298857	5.00	4.84	
22 Isopropyl alcohol	45	3.739	3.720	0.019	26	20796	37.5	40.3	
24 Carbon disulfide	76	3.812	3.806	0.006	98	497552	5.00	5.29	
27 Methyl acetate	43	3.977	3.964	0.013	96	41377	5.00	4.52	M
28 3-Chloro-1-propene	41	4.001	3.989	0.012	90	212233	5.00	4.85	
29 Methylene Chloride	84	4.190	4.178	0.012	86	166158	5.00	5.16	
* 30 t-Butyl alcohol-d10 (IS)	65	4.214	4.190	0.024	98	55811	50.0	50.0	M
31 2-Methyl-2-propanol	59	4.336	4.330	0.006	97	49541	50.0	51.6	
32 Acrylonitrile	53	4.550	4.531	0.019	99	116934	25.0	28.0	
33 Methyl tert-butyl ether	73	4.598	4.586	0.012	77	309245	5.00	4.75	
34 trans-1,2-Dichloroethene	96	4.604	4.592	0.012	96	183226	5.00	5.11	
35 Hexane	57	5.037	5.025	0.012	90	220555	5.00	5.62	
36 1,1-Dichloroethane	63	5.275	5.269	0.006	96	298569	5.00	5.30	
38 Isopropyl ether	45	5.336	5.330	0.006	95	444956	5.00	4.95	
39 2-Chloro-1,3-butadiene	53	5.385	5.379	0.006	89	233794	5.00	5.01	
40 Tert-butyl ethyl ether	59	5.872	5.866	0.006	97	404162	5.00	4.79	
42 2-Butanone (MEK)	43	6.086	6.080	0.006	98	324905	62.5	63.6	
44 cis-1,2-Dichloroethene	96	6.116	6.104	0.012	79	199317	5.00	5.35	
45 2,2-Dichloropropane	77	6.129	6.122	0.007	85	247743	5.00	5.09	
47 Propionitrile	54	6.190	6.177	0.013	97	60649	37.5	39.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
48 Methacrylonitrile	67	6.397	6.391	0.006	90	240581	37.5	39.1	
49 Chlorobromomethane	128	6.446	6.433	0.013	86	80480	5.00	4.97	
50 Tetrahydrofuran	71	6.458	6.439	0.019	76	41593	25.0	25.7	
51 Chloroform	83	6.598	6.592	0.006	92	310041	5.00	5.05	
\$ 52 Dibromofluoromethane (Surr)	113	6.811	6.811	0.000	94	380501	10.0	9.80	
53 1,1,1-Trichloroethane	97	6.824	6.817	0.007	97	275867	5.00	5.09	
54 Cyclohexane	56	6.915	6.915	0.000	87	260557	5.00	5.26	
56 Carbon tetrachloride	117	7.031	7.025	0.006	95	246201	5.00	5.14	
57 1,1-Dichloropropene	75	7.037	7.031	0.006	97	235775	5.00	5.16	
58 Isobutyl alcohol	41	7.208	7.201	0.007	94	41804	125.0	119.8	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.269	7.262	0.007	90	69461	10.0	9.59	
60 Benzene	78	7.299	7.293	0.006	96	701662	5.00	5.03	
61 1,2-Dichloroethane	62	7.372	7.366	0.006	98	162759	5.00	5.19	
63 Tert-amyl methyl ether	73	7.494	7.488	0.006	99	346209	5.00	4.82	
* 64 Fluorobenzene (IS)	96	7.707	7.701	0.006	99	1605613	10.0	10.0	
65 n-Heptane	43	7.714	7.707	0.007	88	216417	5.00	5.60	
67 n-Butanol	56	8.085	8.079	0.006	86	80937	250.0	270.3	
68 Trichloroethene	95	8.183	8.177	0.006	97	194041	5.00	5.22	
69 Methylcyclohexane	83	8.488	8.482	0.006	92	306720	5.00	5.23	
70 1,2-Dichloropropane	63	8.518	8.512	0.006	88	162687	5.00	5.06	
71 2-ethoxy-2-methyl butane	87	8.524	8.524	0.000	94	245808	5.00	4.79	
72 1,4-Dioxane	88	8.610	8.598	0.012	32	11273	125.0	134.5	M
73 Methyl methacrylate	69	8.604	8.598	0.006	87	59456	5.00	5.11	
74 Dibromomethane	93	8.622	8.616	0.006	94	77480	5.00	5.15	
76 Dichlorobromomethane	83	8.860	8.860	0.000	99	205660	5.00	5.00	
78 2-Nitropropane	41	9.140	9.146	-0.006	98	13035	5.00	4.46	
80 1-Bromo-2-chloroethane	63	9.250	9.250	0.000	98	145106	5.00	5.29	
81 cis-1,3-Dichloropropene	75	9.408	9.408	0.000	97	233080	5.00	4.87	
82 4-Methyl-2-pentanone (MIBK)	43	9.591	9.591	0.000	95	812504	62.5	64.2	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.713	0.006	93	1551002	10.0	9.91	
84 Toluene	92	9.792	9.792	0.000	98	461595	5.00	4.94	
105 trans-1,3-Dichloropropene	75	10.055	10.048	0.007	91	187046	5.00	5.03	
106 Ethyl methacrylate	69	10.116	10.116	0.000	87	129898	5.00	4.93	
107 1,1,2-Trichloroethane	97	10.256	10.256	0.000	90	110151	5.00	5.03	
108 Tetrachloroethene	166	10.341	10.341	0.000	97	217066	5.00	4.68	
109 1,3-Dichloropropane	76	10.420	10.414	0.006	87	180250	5.00	5.06	
110 2-Hexanone	43	10.475	10.475	0.000	94	563148	62.5	64.8	
112 Chlorodibromomethane	129	10.628	10.628	0.000	90	138344	5.00	4.80	
113 Ethylene Dibromide	107	10.737	10.737	0.000	98	104215	5.00	4.97	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.170	0.000	84	1216482	10.0	10.0	
115 1-Chlorohexane	91	11.182	11.182	0.000	93	256990	5.00	4.93	
116 Chlorobenzene	112	11.201	11.195	0.006	97	535883	5.00	5.03	
118 1,1,1,2-Tetrachloroethane	131	11.280	11.280	0.000	95	178295	5.00	4.97	
119 Ethylbenzene	91	11.286	11.286	0.000	98	916100	5.00	5.08	
120 m-Xylene & p-Xylene	106	11.396	11.396	0.000	100	715037	10.0	9.97	
121 o-Xylene	106	11.725	11.725	0.000	96	346707	5.00	4.89	
122 Styrene	104	11.743	11.743	0.000	95	581072	5.00	5.06	
123 Bromoform	173	11.896	11.896	0.000	97	75317	5.00	4.74	
124 Isopropylbenzene	105	12.024	12.024	0.000	95	925946	5.00	5.03	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	93	561749	10.0	9.97	
128 1,1,2,2-Tetrachloroethane	83	12.274	12.274	0.000	94	116719	5.00	5.08	
129 Bromobenzene	156	12.286	12.286	0.000	94	219860	5.00	4.93	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
130 trans-1,4-Dichloro-2-butene	53	12.298	12.298	0.000	92	135704	25.0	25.5	
131 1,2,3-Trichloropropane	110	12.316	12.316	0.000	82	32813	5.00	4.86	
132 N-Propylbenzene	91	12.353	12.353	0.000	99	1082782	5.00	5.18	
133 2-Chlorotoluene	126	12.432	12.426	0.006	97	225978	5.00	5.02	
134 1,3,5-Trimethylbenzene	105	12.487	12.487	0.000	94	773028	5.00	5.01	
135 4-Chlorotoluene	126	12.524	12.524	0.000	97	232763	5.00	4.96	
136 tert-Butylbenzene	134	12.731	12.731	0.000	92	167066	5.00	4.78	
138 1,2,4-Trimethylbenzene	105	12.774	12.774	0.000	97	798627	5.00	4.95	
139 sec-Butylbenzene	105	12.896	12.895	0.001	94	1005222	5.00	5.10	
140 1,3-Dichlorobenzene	146	12.993	12.993	0.000	98	456592	5.00	4.92	
141 4-Isopropyltoluene	119	12.999	12.999	0.000	97	875538	5.00	4.97	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	93	650336	10.0	10.0	
143 1,4-Dichlorobenzene	146	13.066	13.066	0.000	95	441617	5.00	4.86	
144 1,2,3-Trimethylbenzene	120	13.078	13.078	0.000	98	343340	5.00	5.00	
145 Benzyl chloride	126	13.145	13.139	0.006	98	45571	5.00	4.87	
146 p-Diethylbenzene	119	13.200	13.200	0.000	92	512328	5.00	5.19	
147 n-Butylbenzene	92	13.292	13.292	0.000	97	438532	5.00	5.17	
148 1,2-Dichlorobenzene	146	13.322	13.322	0.000	99	386297	5.00	4.90	
150 1,2-Dibromo-3-Chloropropane	155	13.865	13.865	0.000	89	16644	5.00	4.82	
151 1,3,5-Trichlorobenzene	180	13.987	13.987	0.000	98	373735	5.00	4.88	
152 1,2,4-Trichlorobenzene	180	14.414	14.413	0.001	93	310610	5.00	4.94	
153 Hexachlorobutadiene	225	14.493	14.493	0.000	97	169920	5.00	4.94	
154 Naphthalene	128	14.596	14.596	0.000	96	412080	5.00	4.98	
155 1,2,3-Trichlorobenzene	180	14.737	14.737	0.000	96	233959	5.00	4.89	
156 2-Methylnaphthalene	142	15.358	15.358	0.000	92	235808	5.00	5.90	
183 Pentane	43	2.995	2.989	0.006	96	228481	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00251

Amount Added: 12.50

Units: uL

MSV_QC_Gas826_00292

Amount Added: 12.50

Units: uL

MSV_29_826ISS_00066

Amount Added: 1.20

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X03.D

Injection Date: 03-Dec-2025 22:36:30

Instrument ID: 16334

Operator ID: ncc117024

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

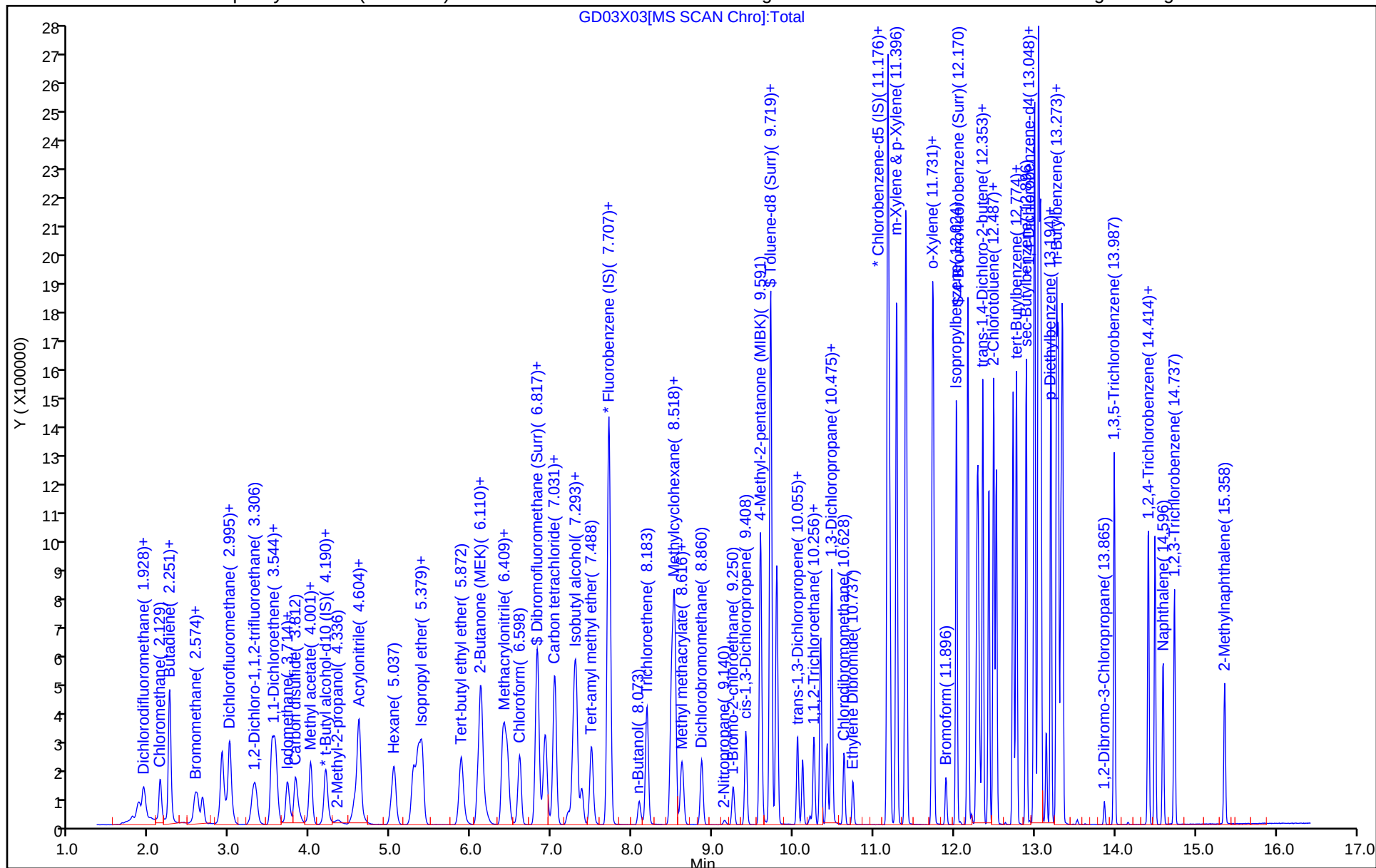
ALS Bottle#: 3

Method: MSV_16334_25mL

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\16334\20251203-168772.b\GD03X03.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 03-Dec-2025 22:36:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168772-004
Operator ID: ncc117024 Instrument ID: 16334
Method: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\MSV_16334_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 04-Dec-2025 16:31:50 Calib Date: 25-Nov-2025 04:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1715

First Level Reviewer: HR3Z

Date: 03-Dec-2025 23:25:32

Compound	Amount Added	Amount Recovered	% Rec.
\$ 52 Dibromofluoromethane (Surr)	10.0	9.80	97.99
\$ 59 1,2-Dichloroethane-d4 (Surr)	10.0	9.59	95.85
\$ 83 Toluene-d8 (Surr)	10.0	9.91	99.07
\$ 127 4-Bromofluorobenzene (Surr)	10.0	9.97	99.75

Eurofins Lancaster Laboratories Environment Testing, LLC

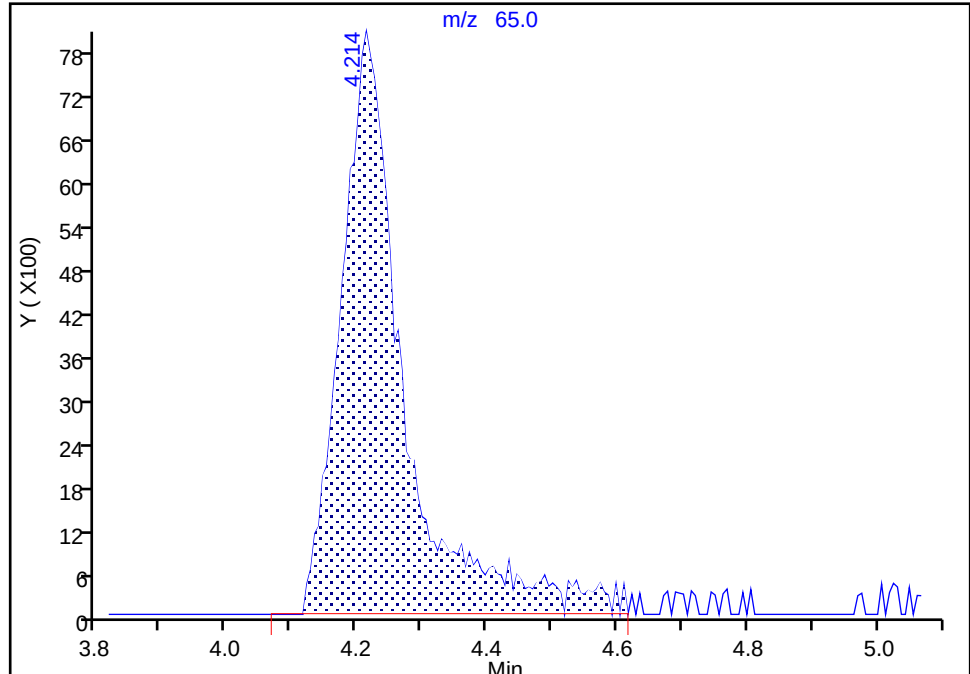
Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X03.D
Injection Date: 03-Dec-2025 22:36:30 Instrument ID: 16334
Lims ID: LCS
Client ID:
Operator ID: ncc117024 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 30 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

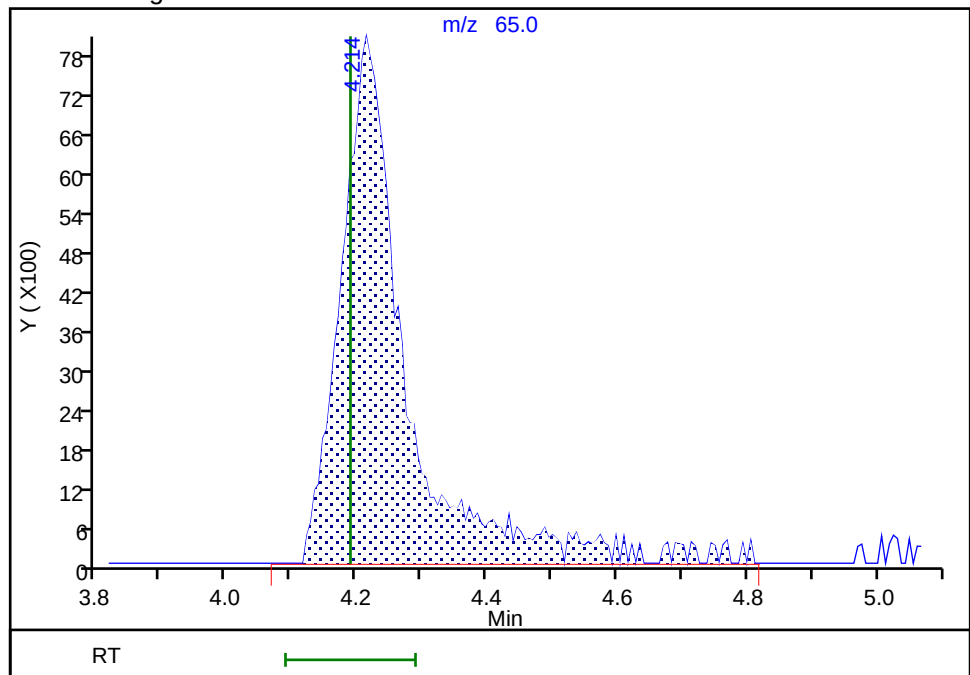
RT: 4.21
Area: 54185
Amount: 49.998300
Amount Units: ug/l

Processing Integration Results



RT: 4.21
Area: 55811
Amount: 49.998300
Amount Units: ug/l

Manual Integration Results



Reviewer: HR3Z, 03-Dec-2025 23:08:02 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-738847/6

Matrix: Water

Lab File ID: ID04X05.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 10:46

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738847

Units: ug/L

Preparation Batch No.:

Instrument ID: 19930

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	5.30		0.50	0.070
71-55-6	1,1,1-Trichloroethane	4.17		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	6.07		0.50	0.10
79-00-5	1,1,2-Trichloroethane	5.38		0.50	0.080
75-34-3	1,1-Dichloroethane	4.54		0.50	0.10
75-35-4	1,1-Dichloroethene	4.62		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	5.49		0.50	0.080
107-06-2	1,2-Dichloroethane	4.46		0.50	0.070
78-87-5	1,2-Dichloropropane	4.65		0.50	0.10
78-93-3	2-Butanone (MEK)	58.7		5.0	1.0
591-78-6	2-Hexanone	67.1		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	65.0		5.0	1.0
67-64-1	Acetone	58.6		5.0	1.5
71-43-2	Benzene	4.23		0.50	0.10
74-97-5	Bromochloromethane	4.50		0.50	0.080
75-27-4	Bromodichloromethane	4.88		0.50	0.080
75-25-2	Bromoform	4.25		1.0	0.30
74-83-9	Bromomethane	4.21		0.50	0.10
75-15-0	Carbon disulfide	4.12		1.0	0.10
56-23-5	Carbon tetrachloride	4.31		0.50	0.10
108-90-7	Chlorobenzene	5.08		0.50	0.070
75-00-3	Chloroethane	4.13		0.50	0.10
67-66-3	Chloroform	4.52		0.50	0.090
74-87-3	Chloromethane	4.13		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	4.46		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	4.77		0.50	0.10
124-48-1	Dibromochloromethane	4.92		0.50	0.080
100-41-4	Ethylbenzene	4.89		0.50	0.080
1634-04-4	Methyl tert-butyl ether	4.02		0.50	0.080
75-09-2	Methylene Chloride	4.63		0.50	0.20
100-42-5	Styrene	5.29		0.50	0.070
127-18-4	Tetrachloroethene	4.09		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-738847/6

Matrix: Water

Lab File ID: ID04X05.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 10:46

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738847

Units: ug/L

Preparation Batch No.:

Instrument ID: 19930

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	4.68		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	4.25		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	5.26		0.50	0.080
79-01-6	Trichloroethene	4.35		0.50	0.080
75-01-4	Vinyl chloride	4.63		0.50	0.10
1330-20-7	Xylenes, Total	14.7		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		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\19930\20251204-168823.b\ID04X05.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 04-Dec-2025 10:46:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168823-006
 Operator ID: ecr105096 Instrument ID: 19930
 Method: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\8260 25ml HP31.m
 Limit Group: MSV - 8260C_D
 Last Update: 04-Dec-2025 15:55:09 Calib Date: 21-Aug-2025 16:36:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250821-157302.b\IG21X08.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1629

First Level Reviewer: N7YK

Date: 04-Dec-2025 11:24:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.782	1.788	-0.006	99	404686	5.00	4.31	
4 Chloromethane	50	1.965	1.971	-0.006	99	379344	5.00	4.13	
6 Butadiene	39	2.056	2.056	0.000	91	404689	5.00	5.28	
5 Vinyl chloride	62	2.074	2.075	-0.001	98	397749	5.00	4.63	
7 Bromomethane	94	2.379	2.379	0.000	90	324081	5.00	4.21	
8 Chloroethane	64	2.422	2.422	0.000	99	228335	5.00	4.13	
9 Dichlorofluoromethane	67	2.635	2.635	0.000	96	627416	5.00	4.21	
10 Trichlorofluoromethane	101	2.721	2.721	0.000	98	481235	5.00	3.62	M
13 1,2-Dichloro-1,1,2-trifluoroethane	67	2.989	2.989	0.000	89	353292	5.00	5.49	
14 Acrolein	56	3.056	3.050	0.006	99	262746	36.6	37.5	
15 1,1-Dichloroethene	96	3.184	3.184	0.000	96	254916	5.00	4.62	
16 Acetone	43	3.208	3.202	0.006	100	452704	62.5	58.6	
17 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.227	3.227	0.000	89	265186	5.00	4.97	
18 Iodomethane	142	3.361	3.361	0.000	98	490554	5.00	3.83	
20 Carbon disulfide	76	3.464	3.458	0.006	99	652483	5.00	4.12	
23 Methyl acetate	43	3.599	3.593	0.006	95	78629	5.00	4.06	M
24 3-Chloro-1-propene	41	3.611	3.605	0.006	88	295544	5.00	3.76	
25 Methylene Chloride	84	3.775	3.775	0.000	87	275561	5.00	4.63	
* 26 t-Butyl alcohol-d10 (IS)	65	3.781	3.788	-0.007	92	164107	50.0	50.0	
27 2-Methyl-2-propanol	59	3.891	3.891	0.000	99	190946	50.0	60.6	
28 Acrylonitrile	53	4.092	4.086	0.006	98	234826	25.0	22.7	
29 Methyl tert-butyl ether	73	4.141	4.141	0.000	94	623194	5.00	4.02	
30 trans-1,2-Dichloroethene	96	4.159	4.153	0.006	96	281022	5.00	4.25	
31 Hexane	57	4.580	4.574	0.006	91	302596	5.00	4.13	
32 1,1-Dichloroethane	63	4.812	4.806	0.006	96	478136	5.00	4.54	
35 Isopropyl ether	45	4.879	4.873	0.006	91	640944	5.00	4.03	
36 2-Chloro-1,3-butadiene	53	4.928	4.916	0.012	89	334045	5.00	4.22	
37 Tert-butyl ethyl ether	59	5.421	5.415	0.006	96	663217	5.00	4.01	
38 2-Butanone (MEK)	43	5.629	5.617	0.012	98	799466	62.5	58.7	
39 cis-1,2-Dichloroethene	96	5.659	5.647	0.012	78	326379	5.00	4.46	
40 2,2-Dichloropropane	77	5.659	5.659	0.000	66	437622	5.00	4.24	
43 Propionitrile	54	5.720	5.702	0.018	98	141170	37.5	38.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
45 Methacrylonitrile	67	5.927	5.921	0.006	88	548510	37.5	38.5	
46 Chlorobromomethane	128	5.988	5.982	0.006	84	161324	5.00	4.50	
47 Tetrahydrofuran	71	6.007	5.995	0.012	75	107698	25.0	21.8	
48 Chloroform	83	6.147	6.141	0.006	92	537472	5.00	4.52	
\$ 49 Dibromofluoromethane (Surr)	113	6.366	6.360	0.006	94	526423	10.0	9.76	
50 1,1,1-Trichloroethane	97	6.372	6.366	0.006	98	480559	5.00	4.17	
51 Cyclohexane	56	6.476	6.464	0.012	86	372482	5.00	3.96	
54 Carbon tetrachloride	117	6.586	6.580	0.006	96	448366	5.00	4.31	
53 1,1-Dichloropropene	75	6.592	6.586	0.006	98	363121	5.00	4.23	
55 Isobutyl alcohol	41	6.763	6.751	0.012	94	137493	125.0	134.1	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	6.817	6.811	0.006	85	104629	10.0	9.59	
57 Benzene	78	6.848	6.842	0.006	96	1115852	5.00	4.23	
58 1,2-Dichloroethane	62	6.927	6.915	0.012	98	309906	5.00	4.46	
60 Tert-amyl methyl ether	73	7.049	7.043	0.006	99	691084	5.00	4.05	
* 61 Fluorobenzene (IS)	96	7.262	7.257	0.005	99	1979845	10.0	10.0	
62 n-Heptane	43	7.287	7.281	0.006	86	293277	5.00	4.14	
63 n-Butanol	56	7.665	7.647	0.018	87	236174	250.0	257.3	
64 Trichloroethene	95	7.744	7.738	0.006	96	320982	5.00	4.35	
65 Methylcyclohexane	83	8.049	8.043	0.006	88	466922	5.00	4.18	
66 1,2-Dichloropropane	63	8.073	8.067	0.006	96	286091	5.00	4.65	
68 1,4-Dioxane	88	8.177	8.171	0.006	37	37964	125.0	168.9	
67 Methyl methacrylate	69	8.183	8.171	0.012	86	137012	5.00	4.75	
69 Dibromomethane	93	8.189	8.183	0.006	92	163711	5.00	4.82	
71 Dichlorobromomethane	83	8.427	8.421	0.006	99	416519	5.00	4.88	
72 2-Nitropropane	41	8.695	8.683	0.012	98	44074	5.00	4.17	
75 1-Bromo-2-chloroethane	63	8.823	8.811	0.012	98	302742	5.00	5.29	
76 cis-1,3-Dichloropropene	75	8.988	8.982	0.006	97	429240	5.00	4.77	
77 4-Methyl-2-pentanone (MIBK)	43	9.171	9.165	0.006	94	2397511	62.5	65.0	
\$ 78 Toluene-d8 (Surr)	98	9.311	9.311	0.000	92	2009089	10.0	10.4	
79 Toluene	92	9.396	9.390	0.006	98	778798	5.00	4.68	
97 trans-1,3-Dichloropropene	75	9.683	9.671	0.012	90	393127	5.00	5.26	
99 Ethyl methacrylate	69	9.756	9.744	0.012	87	307647	5.00	5.07	
100 1,1,2-Trichloroethane	97	9.884	9.878	0.006	90	264051	5.00	5.38	
101 Tetrachloroethene	166	9.975	9.969	0.006	97	415479	5.00	4.09	
102 1,3-Dichloropropane	76	10.055	10.049	0.006	87	394557	5.00	5.50	
103 2-Hexanone	43	10.109	10.104	0.005	94	1715460	62.5	67.1	
105 Chlorodibromomethane	129	10.274	10.268	0.006	89	355985	5.00	4.92	
106 Ethylene Dibromide	107	10.390	10.384	0.006	100	243745	5.00	5.49	
* 107 Chlorobenzene-d5 (IS)	117	10.829	10.829	0.000	84	1535764	10.0	10.0	
108 1-Chlorohexane	91	10.847	10.841	0.006	94	440375	5.00	4.81	
109 Chlorobenzene	112	10.859	10.853	0.006	97	1038988	5.00	5.08	
111 1,1,1,2-Tetrachloroethane	131	10.939	10.939	0.000	97	397857	5.00	5.30	
112 Ethylbenzene	91	10.951	10.945	0.006	97	1602672	5.00	4.89	
113 m-Xylene & p-Xylene	106	11.067	11.061	0.006	92	1335030	10.0	9.77	
114 o-Xylene	106	11.402	11.396	0.006	95	646847	5.00	4.89	
115 Styrene	104	11.414	11.414	0.000	94	1076718	5.00	5.29	
116 Bromoform	173	11.573	11.573	0.000	98	225429	5.00	4.25	
117 Isopropylbenzene	105	11.707	11.701	0.006	95	1716789	5.00	4.91	
\$ 120 4-Bromofluorobenzene (Surr)	95	11.847	11.847	0.000	97	690937	10.0	9.87	
121 1,1,2,2-Tetrachloroethane	83	11.951	11.951	0.000	94	345425	5.00	6.07	
122 Bromobenzene	156	11.963	11.963	0.000	93	460769	5.00	5.11	
123 trans-1,4-Dichloro-2-butene	53	11.981	11.975	0.006	92	276424	25.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
124 1,2,3-Trichloropropane	110	11.999	11.993	0.006	82	98222	5.00	5.55	
125 N-Propylbenzene	91	12.036	12.036	0.000	98	1951148	5.00	5.60	
126 2-Chlorotoluene	126	12.109	12.109	0.000	98	447108	5.00	5.65	
127 1,3,5-Trimethylbenzene	105	12.176	12.170	0.006	94	1465048	5.00	5.31	
128 4-Chlorotoluene	126	12.207	12.201	0.006	96	464583	5.00	5.72	
129 tert-Butylbenzene	134	12.414	12.414	0.000	91	322713	5.00	4.73	
131 1,2,4-Trimethylbenzene	105	12.457	12.457	0.000	97	1499546	5.00	5.20	
132 sec-Butylbenzene	105	12.578	12.579	-0.001	93	1908933	5.00	5.24	
133 1,3-Dichlorobenzene	146	12.676	12.676	0.000	98	894220	5.00	5.42	
134 4-Isopropyltoluene	119	12.688	12.688	0.000	97	1661987	5.00	5.15	
* 135 1,4-Dichlorobenzene-d4	152	12.731	12.731	0.000	93	896452	10.0	10.0	
136 1,4-Dichlorobenzene	146	12.749	12.749	0.000	96	944947	5.00	5.17	
137 1,2,3-Trimethylbenzene	120	12.761	12.762	-0.001	97	675208	5.00	5.16	
138 Benzyl chloride	126	12.828	12.829	-0.001	97	151042	5.00	5.84	
139 n-Butylbenzene	92	12.981	12.981	0.000	97	765494	5.00	5.58	
140 1,2-Dichlorobenzene	146	13.011	13.005	0.006	99	850007	5.00	5.56	
142 1,2-Dibromo-3-Chloropropane	155	13.554	13.548	0.006	91	54697	5.00	5.00	
143 1,3,5-Trichlorobenzene	180	13.676	13.676	0.000	97	667063	5.00	4.99	
144 1,2,4-Trichlorobenzene	180	14.096	14.097	-0.001	94	582506	5.00	5.11	
145 Hexachlorobutadiene	225	14.182	14.182	0.000	96	284684	5.00	4.64	
146 Naphthalene	128	14.273	14.273	0.000	96	1122104	5.00	5.28	
147 1,2,3-Trichlorobenzene	180	14.414	14.414	0.000	96	539932	5.00	5.16	
165 Isopropyl alcohol	45		0.000				ND	ND	
161 Pentane	43		0.000				ND	ND	
150 2-ethoxy-2-methyl butane	1		0.000				ND	ND	
156 p-Diethylbenzene	1		0.000				ND	ND	
155 2-Methylnaphthalene	142	15.005	15.005	0.000	92	538530	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00251

Amount Added: 12.50

Units: uL

MSV_QC_Gas826_00292

Amount Added: 12.50

Units: uL

MSV_LCS_ACROL_00256

Amount Added: 12.50

Units: uL

MSV_LLcentISS_00019

Amount Added: 5.00

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\ID04X05.D

Injection Date: 04-Dec-2025 10:46:30

Instrument ID: 19930

Operator ID: ecr105096

Lims ID: LCS

Worklist Smp#: 6

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

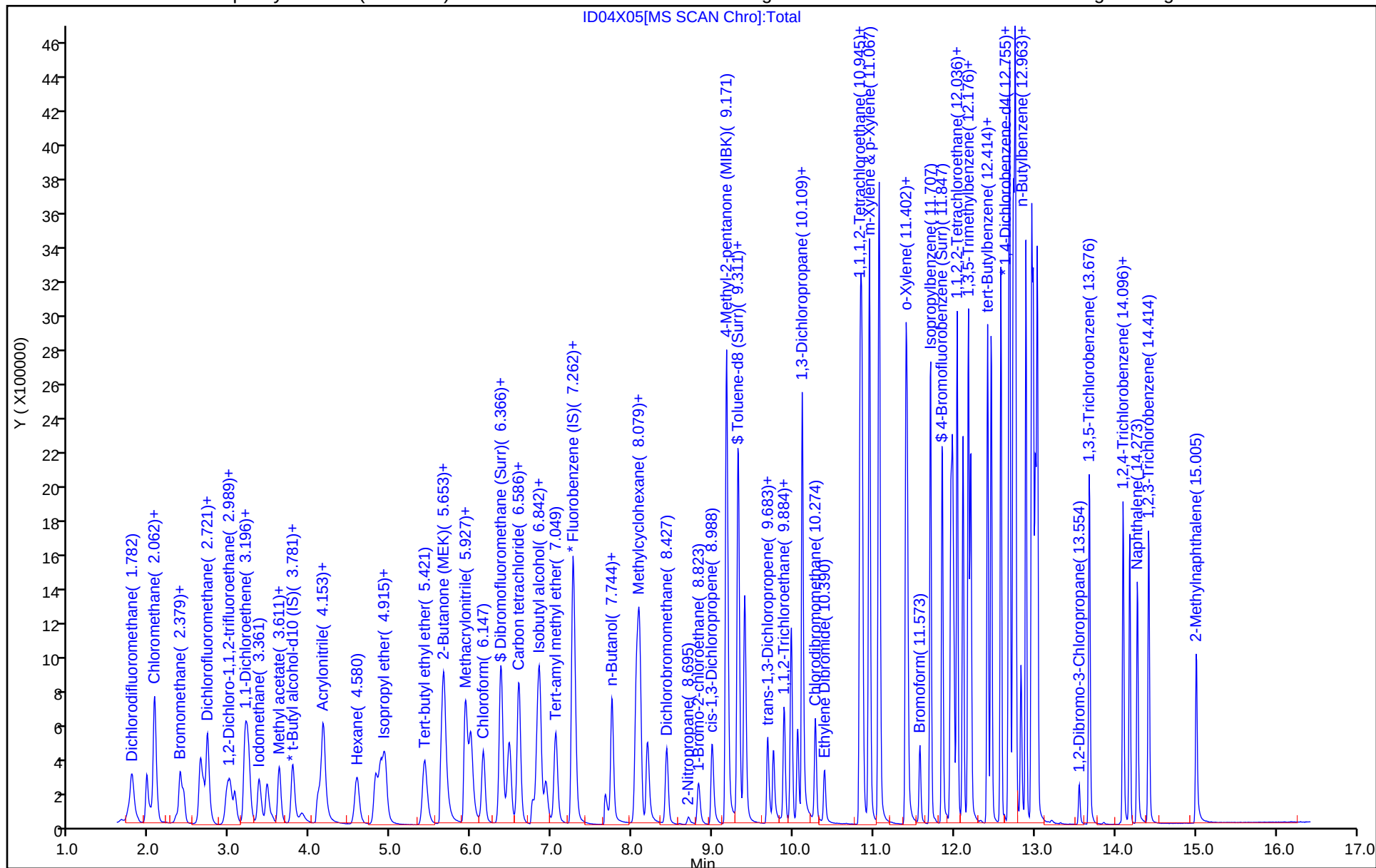
ALS Bottle#: 5

Method: 8260 25ml HP31

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\19930\20251204-168823.b\ID04X05.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 04-Dec-2025 10:46:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168823-006
Operator ID: ecr105096 Instrument ID: 19930
Method: \\chromfs\Lancaster\ChromData\19930\20251204-168823.b\8260 25ml HP31.m
Limit Group: MSV - 8260C_D
Last Update: 04-Dec-2025 15:55:09 Calib Date: 21-Aug-2025 16:36:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19930\20250821-157302.b\IG21X08.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1629

First Level Reviewer: N7YK

Date: 04-Dec-2025 11:24:23

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	10.0	9.76	97.64
\$ 56 1,2-Dichloroethane-d4 (Surr)	10.0	9.59	95.92
\$ 78 Toluene-d8 (Surr)	10.0	10.4	103.95
\$ 120 4-Bromofluorobenzene (Surr)	10.0	9.87	98.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-739507/5

Matrix: Water

Lab File ID: GD05X04.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 12/05/2025 10:48

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 739507

Units: ug/L

Preparation Batch No.:

Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	4.62		0.50	0.070
71-55-6	1,1,1-Trichloroethane	4.55		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	4.79		0.50	0.10
79-00-5	1,1,2-Trichloroethane	4.65		0.50	0.080
75-34-3	1,1-Dichloroethane	4.71		0.50	0.10
75-35-4	1,1-Dichloroethene	4.99		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	4.58		0.50	0.080
107-06-2	1,2-Dichloroethane	4.60		0.50	0.070
78-87-5	1,2-Dichloropropane	4.58		0.50	0.10
78-93-3	2-Butanone (MEK)	61.4		5.0	1.0
591-78-6	2-Hexanone	61.2		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	61.8		5.0	1.0
67-64-1	Acetone	54.0		5.0	1.5
71-43-2	Benzene	4.58		0.50	0.10
74-97-5	Bromochloromethane	4.52		0.50	0.080
75-27-4	Bromodichloromethane	4.53		0.50	0.080
75-25-2	Bromoform	4.38		1.0	0.30
74-83-9	Bromomethane	4.10		0.50	0.10
75-15-0	Carbon disulfide	4.61		1.0	0.10
56-23-5	Carbon tetrachloride	4.58		0.50	0.10
108-90-7	Chlorobenzene	4.65		0.50	0.070
75-00-3	Chloroethane	4.21		0.50	0.10
67-66-3	Chloroform	4.56		0.50	0.090
74-87-3	Chloromethane	3.49		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	4.85		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	4.39		0.50	0.10
124-48-1	Dibromochloromethane	4.39		0.50	0.080
100-41-4	Ethylbenzene	4.70		0.50	0.080
1634-04-4	Methyl tert-butyl ether	4.23		0.50	0.080
75-09-2	Methylene Chloride	4.64		0.50	0.20
100-42-5	Styrene	4.67		0.50	0.070
127-18-4	Tetrachloroethene	4.34		0.50	0.20

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC	Job No.: 410-254861-1
SDG No.:	
Client Sample ID:	Lab Sample ID: LCS 410-739507/5
Matrix: Water	Lab File ID: GD05X04.D
Analysis Method: 8260D	Date Collected:
Sample wt/vol: 25 (mL)	Date Analyzed: 12/05/2025 10:48
Soil Aliquot Vol:	Dilution Factor: 1
Soil Extract Vol.:	GC Column: R-624SilMS 30m ID: 0.25 (mm)
Purge Volume: 25.0 (mL)	Heated Purge: (Y/N) N pH:
% Moisture: % Solids:	Level: (low/med) Low
Analysis Batch No.: 739507	Units: ug/L
Preparation Batch No.:	Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	4.60		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	4.64		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	4.56		0.50	0.080
79-01-6	Trichloroethene	4.80		0.50	0.080
75-01-4	Vinyl chloride	3.97		0.50	0.10
1330-20-7	Xylenes, Total	13.9		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		80-120
460-00-4	4-Bromofluorobenzene (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		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\16334\20251205-168967.b\GD05X04.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 05-Dec-2025 10:48:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168967-005
 Operator ID: ecr105096 Instrument ID: 16334
 Method: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 17:50:16 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1714

First Level Reviewer: N7YK

Date: 05-Dec-2025 12:52:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.928	1.928	0.000	99	172677	5.00	3.19	
5 Chloromethane	50	2.129	2.129	0.000	99	183783	5.00	3.49	
7 Butadiene	39	2.245	2.245	0.000	88	162662	5.00	3.89	
6 Vinyl chloride	62	2.245	2.245	0.000	97	203533	5.00	3.97	
9 Bromomethane	94	2.586	2.568	0.018	89	162516	5.00	4.10	M
10 Chloroethane	64	2.660	2.654	0.006	99	119319	5.00	4.21	
11 Dichlorofluoromethane	67	2.897	2.897	0.000	96	318282	5.00	4.28	
12 Trichlorofluoromethane	101	2.977	2.983	-0.006	97	231889	5.00	3.31	
15 Ethyl ether	59	3.208	3.208	0.000	89	86204	4.99	4.73	
16 1,2-Dichloro-1,1,2-trifluoroethane	67	3.294	3.300	-0.006	89	181498	5.00	4.72	
17 Acrolein	56	3.385	3.385	0.000	100	100412	36.6	41.1	
18 1,1-Dichloroethene	96	3.519	3.519	0.000	96	147034	5.00	4.99	
19 Acetone	43	3.562	3.556	0.006	100	174829	62.5	54.0	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.562	3.562	0.000	89	146849	5.00	4.84	
21 Iodomethane	142	3.714	3.708	0.006	98	269557	5.00	4.29	
22 Isopropyl alcohol	45	3.739	3.739	0.000	26	19786	37.5	37.7	
24 Carbon disulfide	76	3.812	3.812	0.000	98	441296	5.00	4.61	
27 Methyl acetate	43	3.983	3.983	0.000	36	36796	5.00	4.01	
28 3-Chloro-1-propene	41	4.001	4.001	0.000	90	190810	5.00	4.28	
29 Methylene Chloride	84	4.190	4.190	0.000	86	151724	5.00	4.64	
* 30 t-Butyl alcohol-d10 (IS)	65	4.226	4.220	0.006	98	55993	50.0	50.0	
31 2-Methyl-2-propanol	59	4.336	4.342	-0.006	97	50246	50.0	52.1	
32 Acrylonitrile	53	4.550	4.543	0.007	99	107515	25.0	25.7	
33 Methyl tert-butyl ether	73	4.598	4.592	0.006	93	280598	5.00	4.23	
34 trans-1,2-Dichloroethene	96	4.598	4.604	-0.006	97	169452	5.00	4.64	
35 Hexane	57	5.037	5.031	0.006	90	193205	5.00	4.84	
36 1,1-Dichloroethane	63	5.275	5.275	0.000	96	269933	5.00	4.71	
38 Isopropyl ether	45	5.336	5.330	0.006	94	404321	5.00	4.42	
39 2-Chloro-1,3-butadiene	53	5.391	5.379	0.012	91	213463	5.00	4.50	
40 Tert-butyl ethyl ether	59	5.872	5.872	0.000	97	369151	5.00	4.30	
42 2-Butanone (MEK)	43	6.086	6.086	0.000	99	314422	62.5	61.4	
44 cis-1,2-Dichloroethene	96	6.116	6.110	0.006	79	184014	5.00	4.85	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
45 2,2-Dichloropropane	77	6.128	6.129	0.000	86	223816	5.00	4.52	
47 Propionitrile	54	6.189	6.189	0.000	98	60358	37.5	39.3	
48 Methacrylonitrile	67	6.397	6.397	0.000	89	227993	37.5	37.0	
49 Chlorobromomethane	128	6.445	6.439	0.006	88	74417	5.00	4.52	
50 Tetrahydrofuran	71	6.458	6.458	0.000	86	39948	25.0	24.6	
51 Chloroform	83	6.598	6.598	0.000	92	284738	5.00	4.56	
\$ 52 Dibromofluoromethane (Surr)	113	6.811	6.811	0.000	94	385780	10.0	9.77	
53 1,1,1-Trichloroethane	97	6.823	6.823	0.000	97	250858	5.00	4.55	
54 Cyclohexane	56	6.915	6.915	0.000	88	235826	5.00	4.68	
56 Carbon tetrachloride	117	7.031	7.031	0.000	84	223037	5.00	4.58	
57 1,1-Dichloropropene	75	7.037	7.037	0.000	97	216922	5.00	4.67	
58 Isobutyl alcohol	41	7.201	7.208	-0.007	94	39824	125.0	112.2	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.268	7.269	-0.001	93	70567	10.0	9.57	
60 Benzene	78	7.299	7.299	0.000	96	649736	5.00	4.58	
61 1,2-Dichloroethane	62	7.372	7.372	0.000	98	146619	5.00	4.60	
63 Tert-amyl methyl ether	73	7.494	7.488	0.006	99	316475	5.00	4.33	
* 64 Fluorobenzene (IS)	96	7.707	7.707	0.000	99	1633058	10.0	10.0	
65 n-Heptane	43	7.714	7.714	0.000	88	191144	5.00	4.87	
67 n-Butanol	56	8.085	8.079	0.006	86	79307	250.0	264.0	
68 Trichloroethene	95	8.183	8.183	0.000	97	181448	5.00	4.80	
69 Methylcyclohexane	83	8.488	8.488	0.000	88	277477	5.00	4.65	
70 1,2-Dichloropropane	63	8.512	8.518	-0.006	95	149942	5.00	4.58	
71 2-ethoxy-2-methyl butane	87	8.524	8.524	0.000	96	225426	5.00	4.32	
72 1,4-Dioxane	88	8.610	8.604	0.006	33	12594	125.0	149.8	M
73 Methyl methacrylate	69	8.604	8.604	0.000	86	56175	5.00	4.81	
74 Dibromomethane	93	8.628	8.628	0.000	94	70412	5.00	4.61	
76 Dichlorobromomethane	83	8.860	8.860	0.000	99	189215	5.00	4.53	
78 2-Nitropropane	41	9.146	9.146	0.000	96	12219	5.00	4.17	
80 1-Bromo-2-chloroethane	63	9.250	9.250	0.000	98	137155	5.00	4.92	
81 cis-1,3-Dichloropropene	75	9.408	9.408	0.000	97	213812	5.00	4.39	
82 4-Methyl-2-pentanone (MIBK)	43	9.591	9.591	0.000	95	783958	62.5	61.8	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.719	0.000	93	1578818	10.0	9.94	
84 Toluene	92	9.798	9.792	0.006	99	436596	5.00	4.60	
105 trans-1,3-Dichloropropene	75	10.055	10.055	0.000	91	172333	5.00	4.56	
106 Ethyl methacrylate	69	10.116	10.116	0.000	88	120567	5.00	4.51	
107 1,1,2-Trichloroethane	97	10.256	10.256	0.000	89	103367	5.00	4.65	
108 Tetrachloroethene	166	10.341	10.341	0.000	97	203890	5.00	4.34	
109 1,3-Dichloropropane	76	10.420	10.420	0.000	87	169200	5.00	4.68	
110 2-Hexanone	43	10.475	10.475	0.000	95	534000	62.5	61.2	
112 Chlorodibromomethane	129	10.628	10.628	0.000	90	128489	5.00	4.39	
113 Ethylene Dibromide	107	10.743	10.737	0.006	98	97582	5.00	4.58	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.170	0.000	84	1234502	10.0	10.0	
115 1-Chlorohexane	91	11.182	11.182	0.000	93	240942	5.00	4.56	
116 Chlorobenzene	112	11.201	11.201	0.000	97	502694	5.00	4.65	
118 1,1,1,2-Tetrachloroethane	131	11.280	11.280	0.000	95	168288	5.00	4.62	
119 Ethylbenzene	91	11.286	11.286	0.000	98	858836	5.00	4.70	
120 m-Xylene & p-Xylene	106	11.402	11.402	0.000	100	676426	10.0	9.29	
121 o-Xylene	106	11.725	11.725	0.000	96	330501	5.00	4.59	
122 Styrene	104	11.743	11.743	0.000	94	544533	5.00	4.67	
123 Bromoform	173	11.896	11.896	0.000	97	70699	5.00	4.38	
124 Isopropylbenzene	105	12.030	12.030	0.000	95	878188	5.00	4.70	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	94	569690	10.0	9.97	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
128 1,1,2,2-Tetrachloroethane	83	12.274	12.274	0.000	94	112397	5.00	4.79	
129 Bromobenzene	156	12.286	12.286	0.000	93	207470	5.00	4.56	
130 trans-1,4-Dichloro-2-butene	53	12.298	12.298	0.000	93	128268	25.0	24.0	
131 1,2,3-Trichloropropane	110	12.316	12.316	0.000	82	31499	5.00	4.57	
132 N-Propylbenzene	91	12.353	12.353	0.000	99	1029168	5.00	4.82	
133 2-Chlorotoluene	126	12.432	12.432	0.000	97	214497	5.00	4.67	
134 1,3,5-Trimethylbenzene	105	12.487	12.487	0.000	95	740240	5.00	4.70	
135 4-Chlorotoluene	126	12.524	12.524	0.000	96	224217	5.00	4.68	
136 tert-Butylbenzene	134	12.731	12.731	0.000	92	161925	5.00	4.54	
138 1,2,4-Trimethylbenzene	105	12.774	12.774	0.000	97	761618	5.00	4.63	
139 sec-Butylbenzene	105	12.895	12.895	0.000	94	958751	5.00	4.77	
140 1,3-Dichlorobenzene	146	12.993	12.993	0.000	98	437312	5.00	4.62	
141 4-Isopropyltoluene	119	12.999	12.999	0.000	97	844679	5.00	4.70	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	93	664071	10.0	10.0	
143 1,4-Dichlorobenzene	146	13.066	13.066	0.000	95	422544	5.00	4.56	
144 1,2,3-Trimethylbenzene	120	13.078	13.078	0.000	98	329911	5.00	4.70	
145 Benzyl chloride	126	13.145	13.145	0.000	98	43244	5.00	4.52	
146 p-Diethylbenzene	119	13.200	13.200	0.000	91	488075	5.00	4.84	
147 n-Butylbenzene	92	13.292	13.292	0.000	97	418243	5.00	4.83	
148 1,2-Dichlorobenzene	146	13.328	13.322	0.006	99	372002	5.00	4.62	
150 1,2-Dibromo-3-Chloropropane	155	13.865	13.865	0.000	88	15468	5.00	4.47	
151 1,3,5-Trichlorobenzene	180	13.987	13.987	0.000	98	359402	5.00	4.60	
152 1,2,4-Trichlorobenzene	180	14.413	14.413	0.000	94	293624	5.00	4.57	
153 Hexachlorobutadiene	225	14.493	14.493	0.000	96	162056	5.00	4.62	
154 Naphthalene	128	14.590	14.596	-0.006	97	387918	5.00	4.59	
155 1,2,3-Trichlorobenzene	180	14.737	14.737	0.000	96	217201	5.00	4.45	
156 2-Methylnaphthalene	142	15.358	15.358	0.000	91	194104	5.00	4.76	
183 Pentane	43	2.995	2.995	0.000	96	192322	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00251	Amount Added: 12.50	Units: uL	
MSV_QC_Gas826_00292	Amount Added: 12.50	Units: uL	
MSV_LCS_ACROL_00256	Amount Added: 12.50	Units: uL	
MSV_LCS_EE_00014	Amount Added: 12.50	Units: uL	
MSV_29_826ISS_00069	Amount Added: 1.20	Units: uL	Run Reagent

Data File: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\GD05X04.D

Injection Date: 05-Dec-2025 10:48:30

Instrument ID: 16334

Operator ID: ecr105096

Lims ID: LCS

Worklist Smp#: 5

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

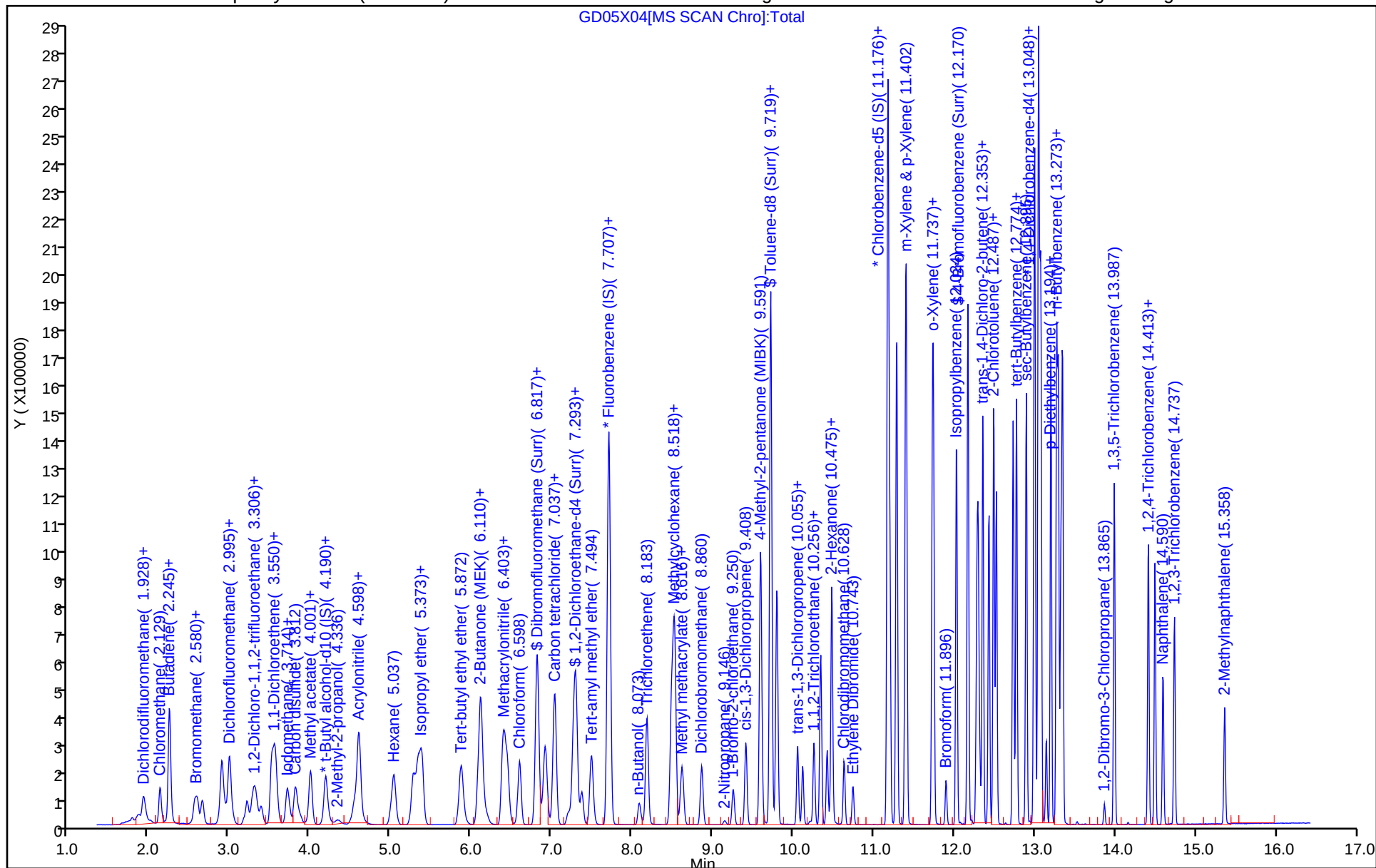
ALS Bottle#: 4

Method: MSV_16334_25mL

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\16334\20251205-168967.b\GD05X04.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 05-Dec-2025 10:48:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168967-005
Operator ID: ecr105096 Instrument ID: 16334
Method: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\MSV_16334_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 17:50:16 Calib Date: 25-Nov-2025 04:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1714

First Level Reviewer: N7YK

Date: 05-Dec-2025 12:52:11

Compound	Amount Added	Amount Recovered	% Rec.
\$ 52 Dibromofluoromethane (Surr)	10.0	9.77	97.68
\$ 59 1,2-Dichloroethane-d4 (Surr)	10.0	9.57	95.74
\$ 83 Toluene-d8 (Surr)	10.0	9.94	99.37
\$ 127 4-Bromofluorobenzene (Surr)	10.0	9.97	99.68

Eurofins Lancaster Laboratories Environment Testing, LLC

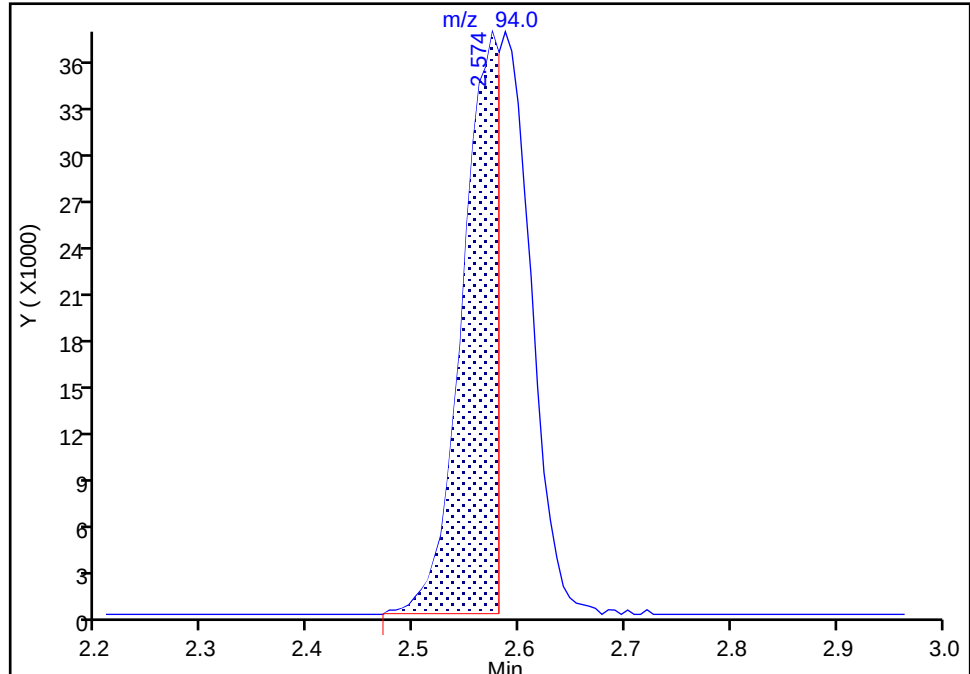
Data File: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\GD05X04.D
Injection Date: 05-Dec-2025 10:48:30 Instrument ID: 16334
Lims ID: LCS
Client ID:
Operator ID: ecr105096 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

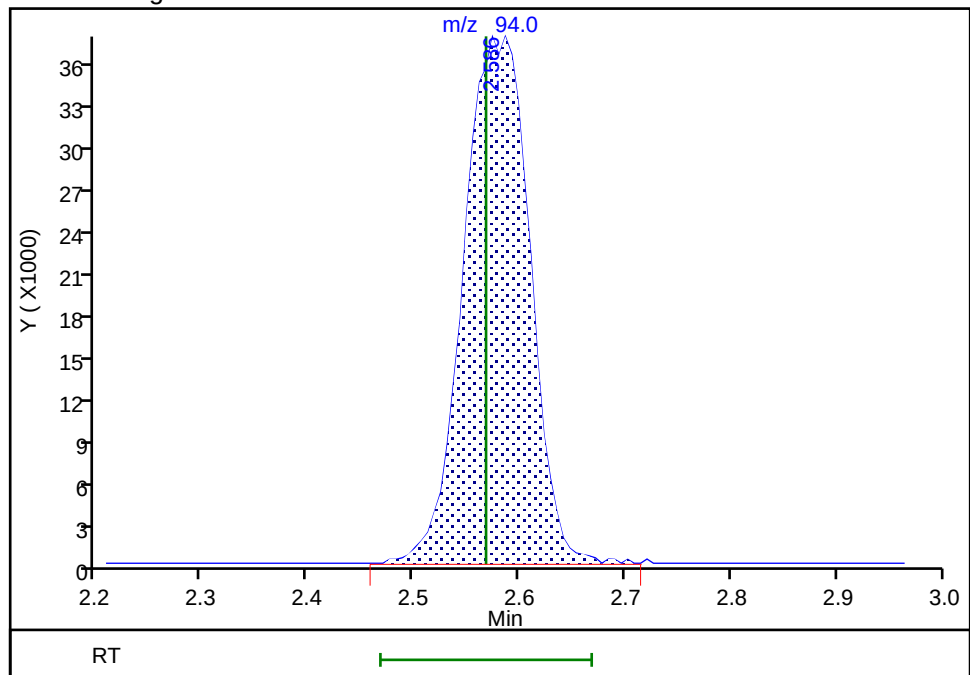
RT: 2.57
Area: 91724
Amount: 2.316142
Amount Units: ug/l

Processing Integration Results



RT: 2.59
Area: 162516
Amount: 4.103725
Amount Units: ug/l

Manual Integration Results



Reviewer: N7YK, 05-Dec-2025 12:51:06 -05:00:00 (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.: 410-254861-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCSD 410-738640/5

Matrix: Water

Lab File ID: GD03X04.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 12/03/2025 22:58

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738640

Units: ug/L

Preparation Batch No.:

Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	5.02		0.50	0.070
71-55-6	1,1,1-Trichloroethane	5.15		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	5.11		0.50	0.10
79-00-5	1,1,2-Trichloroethane	5.08		0.50	0.080
75-34-3	1,1-Dichloroethane	5.30		0.50	0.10
75-35-4	1,1-Dichloroethene	5.65		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	5.00		0.50	0.080
107-06-2	1,2-Dichloroethane	5.07		0.50	0.070
78-87-5	1,2-Dichloropropane	5.06		0.50	0.10
78-93-3	2-Butanone (MEK)	63.4		5.0	1.0
591-78-6	2-Hexanone	64.3		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	64.2		5.0	1.0
67-64-1	Acetone	57.2		5.0	1.5
71-43-2	Benzene	5.11		0.50	0.10
74-97-5	Bromochloromethane	5.09		0.50	0.080
75-27-4	Bromodichloromethane	5.00		0.50	0.080
75-25-2	Bromoform	4.79		1.0	0.30
74-83-9	Bromomethane	4.57		0.50	0.10
75-15-0	Carbon disulfide	5.34		1.0	0.10
56-23-5	Carbon tetrachloride	5.17		0.50	0.10
108-90-7	Chlorobenzene	5.09		0.50	0.070
75-00-3	Chloroethane	4.71		0.50	0.10
67-66-3	Chloroform	5.08		0.50	0.090
74-87-3	Chloromethane	4.27		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	5.40		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	4.93		0.50	0.10
124-48-1	Dibromochloromethane	4.86		0.50	0.080
100-41-4	Ethylbenzene	5.10		0.50	0.080
1634-04-4	Methyl tert-butyl ether	4.79		0.50	0.080
75-09-2	Methylene Chloride	5.29		0.50	0.20
100-42-5	Styrene	5.10		0.50	0.070
127-18-4	Tetrachloroethene	4.72		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 410-738640/5

Matrix: Water Lab File ID: GD03X04.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 25 (mL) Date Analyzed: 12/03/2025 22:58

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738640 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	5.04		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	5.14		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	5.08		0.50	0.080
79-01-6	Trichloroethene	5.30		0.50	0.080
75-01-4	Vinyl chloride	4.52		0.50	0.10
1330-20-7	Xylenes, Total	15.1		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		80-120
460-00-4	4-Bromofluorobenzene (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		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\16334\20251203-168772.b\GD03X04.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 03-Dec-2025 22:58:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168772-005
 Operator ID: ncc117024 Instrument ID: 16334
 Method: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 04-Dec-2025 16:32:22 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1715

First Level Reviewer: HR3Z

Date: 03-Dec-2025 23:26:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.928	1.916	0.012	99	213846	5.00	4.04	
5 Chloromethane	50	2.135	2.123	0.012	99	220612	5.00	4.27	
7 Butadiene	39	2.251	2.239	0.012	88	183210	5.00	4.48	
6 Vinyl chloride	62	2.251	2.239	0.012	97	227190	5.00	4.52	
9 Bromomethane	94	2.586	2.562	0.024	89	177263	5.00	4.57	
10 Chloroethane	64	2.660	2.654	0.006	99	130589	5.00	4.71	
11 Dichlorofluoromethane	67	2.903	2.891	0.012	96	341663	5.00	4.69	
12 Trichlorofluoromethane	101	2.989	2.971	0.018	97	254278	5.00	3.71	
16 1,2-Dichloro-1,1,2-trifluoroethane	67	3.306	3.300	0.006	89	190345	5.00	5.05	
18 1,1-Dichloroethene	96	3.519	3.513	0.006	96	162850	5.00	5.65	
19 Acetone	43	3.562	3.550	0.012	100	187283	62.5	57.2	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.562	3.550	0.012	91	165829	5.00	5.58	
21 Iodomethane	142	3.714	3.702	0.012	98	300515	5.00	4.88	
22 Isopropyl alcohol	45	3.739	3.720	0.019	97	19541	37.5	38.0	
24 Carbon disulfide	76	3.818	3.806	0.012	98	500289	5.00	5.34	
27 Methyl acetate	43	3.976	3.964	0.012	96	40834	5.00	4.40	
28 3-Chloro-1-propene	41	4.001	3.989	0.012	90	209832	5.00	4.81	
29 Methylene Chloride	84	4.190	4.178	0.012	85	169657	5.00	5.29	
* 30 t-Butyl alcohol-d10 (IS)	65	4.220	4.190	0.030	97	56591	50.0	50.0	M
31 2-Methyl-2-propanol	59	4.336	4.330	0.006	98	47841	50.0	49.1	
32 Acrylonitrile	53	4.550	4.531	0.019	99	114048	25.0	27.0	
33 Methyl tert-butyl ether	73	4.598	4.586	0.012	94	311305	5.00	4.79	
34 trans-1,2-Dichloroethene	96	4.604	4.592	0.012	97	183716	5.00	5.14	
35 Hexane	57	5.031	5.025	0.006	90	222112	5.00	5.68	
36 1,1-Dichloroethane	63	5.281	5.269	0.012	96	297668	5.00	5.30	
38 Isopropyl ether	45	5.342	5.330	0.012	93	447096	5.00	4.99	
39 2-Chloro-1,3-butadiene	53	5.385	5.379	0.006	90	235193	5.00	5.06	
40 Tert-butyl ethyl ether	59	5.872	5.866	0.006	97	405519	5.00	4.82	
42 2-Butanone (MEK)	43	6.086	6.080	0.006	99	328516	62.5	63.4	
44 cis-1,2-Dichloroethene	96	6.116	6.104	0.012	79	200653	5.00	5.40	
45 2,2-Dichloropropane	77	6.135	6.122	0.013	86	247411	5.00	5.10	
47 Propionitrile	54	6.183	6.177	0.006	97	56880	37.5	36.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
48 Methacrylonitrile	67	6.397	6.391	0.006	90	243160	37.5	39.0	
49 Chlorobromomethane	128	6.439	6.433	0.006	85	82070	5.00	5.09	
50 Tetrahydrofuran	71	6.452	6.439	0.013	74	41637	25.0	25.4	
51 Chloroform	83	6.598	6.592	0.006	92	310891	5.00	5.08	
\$ 52 Dibromofluoromethane (Surr)	113	6.817	6.811	0.006	94	380342	10.0	9.83	
53 1,1,1-Trichloroethane	97	6.823	6.817	0.006	98	278140	5.00	5.15	
54 Cyclohexane	56	6.915	6.915	0.000	87	260742	5.00	5.28	
56 Carbon tetrachloride	117	7.031	7.025	0.006	96	246342	5.00	5.17	
57 1,1-Dichloropropene	75	7.037	7.031	0.006	97	235030	5.00	5.17	
58 Isobutyl alcohol	41	7.208	7.201	0.007	92	39928	125.0	114.8	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.275	7.262	0.013	95	69718	10.0	9.65	
60 Benzene	78	7.299	7.293	0.006	96	710840	5.00	5.11	
61 1,2-Dichloroethane	62	7.372	7.366	0.006	98	158384	5.00	5.07	
63 Tert-amyl methyl ether	73	7.494	7.488	0.006	99	347277	5.00	4.85	
* 64 Fluorobenzene (IS)	96	7.707	7.701	0.006	99	1599905	10.0	10.0	
65 n-Heptane	43	7.720	7.707	0.013	93	213777	5.00	5.56	
67 n-Butanol	56	8.085	8.079	0.006	87	81961	250.0	269.9	
68 Trichloroethene	95	8.183	8.177	0.006	97	196280	5.00	5.30	
69 Methylcyclohexane	83	8.488	8.482	0.006	88	307869	5.00	5.27	
70 1,2-Dichloropropane	63	8.518	8.512	0.006	96	162291	5.00	5.06	
71 2-ethoxy-2-methyl butane	87	8.524	8.524	0.000	95	247419	5.00	4.84	
72 1,4-Dioxane	88	8.604	8.598	0.006	32	11510	125.0	135.5	M
73 Methyl methacrylate	69	8.604	8.598	0.006	85	59987	5.00	5.08	
74 Dibromomethane	93	8.628	8.616	0.012	94	77131	5.00	5.15	
76 Dichlorobromomethane	83	8.860	8.860	0.000	99	204744	5.00	5.00	
78 2-Nitropropane	41	9.146	9.146	0.000	99	13336	5.00	4.50	
80 1-Bromo-2-chloroethane	63	9.250	9.250	0.000	98	145492	5.00	5.33	
81 cis-1,3-Dichloropropene	75	9.408	9.408	0.000	97	235179	5.00	4.93	
82 4-Methyl-2-pentanone (MIBK)	43	9.591	9.591	0.000	95	823084	62.5	64.2	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.713	0.006	93	1540887	10.0	9.90	
84 Toluene	92	9.792	9.792	0.000	98	468920	5.00	5.04	
105 trans-1,3-Dichloropropene	75	10.055	10.048	0.007	91	187854	5.00	5.08	
106 Ethyl methacrylate	69	10.116	10.116	0.000	87	130972	5.00	5.01	
107 1,1,2-Trichloroethane	97	10.256	10.256	0.000	90	110638	5.00	5.08	
108 Tetrachloroethene	166	10.341	10.341	0.000	98	217504	5.00	4.72	
109 1,3-Dichloropropane	76	10.420	10.414	0.006	87	183044	5.00	5.17	
110 2-Hexanone	43	10.475	10.475	0.000	94	567196	62.5	64.3	
112 Chlorodibromomethane	129	10.628	10.628	0.000	90	139172	5.00	4.86	
113 Ethylene Dibromide	107	10.737	10.737	0.000	99	104248	5.00	5.00	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.170	0.000	84	1209093	10.0	10.0	
115 1-Chlorohexane	91	11.182	11.182	0.000	94	259312	5.00	5.01	
116 Chlorobenzene	112	11.201	11.195	0.006	97	538666	5.00	5.09	
118 1,1,1,2-Tetrachloroethane	131	11.280	11.280	0.000	96	179011	5.00	5.02	
119 Ethylbenzene	91	11.286	11.286	0.000	98	912657	5.00	5.10	
120 m-Xylene & p-Xylene	106	11.402	11.396	0.006	100	718482	10.0	10.1	
121 o-Xylene	106	11.725	11.725	0.000	96	351699	5.00	4.99	
122 Styrene	104	11.743	11.743	0.000	94	582031	5.00	5.10	
123 Bromoform	173	11.896	11.896	0.000	96	75677	5.00	4.79	
124 Isopropylbenzene	105	12.024	12.024	0.000	95	931356	5.00	5.09	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	94	559877	10.0	10.0	
128 1,1,2,2-Tetrachloroethane	83	12.274	12.274	0.000	94	116911	5.00	5.11	
129 Bromobenzene	156	12.286	12.286	0.000	94	219854	5.00	4.95	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
130 trans-1,4-Dichloro-2-butene	53	12.298	12.298	0.000	93	137585	25.0	25.5	
131 1,2,3-Trichloropropane	110	12.316	12.316	0.000	83	32778	5.00	4.88	
132 N-Propylbenzene	91	12.353	12.353	0.000	99	1077832	5.00	5.18	
133 2-Chlorotoluene	126	12.432	12.426	0.006	97	227178	5.00	5.07	
134 1,3,5-Trimethylbenzene	105	12.487	12.487	0.000	93	779425	5.00	5.08	
135 4-Chlorotoluene	126	12.524	12.524	0.000	96	231584	5.00	4.96	
136 tert-Butylbenzene	134	12.731	12.731	0.000	92	167252	5.00	4.81	
138 1,2,4-Trimethylbenzene	105	12.774	12.774	0.000	97	795946	5.00	4.96	
139 sec-Butylbenzene	105	12.895	12.895	0.000	94	1007635	5.00	5.14	
140 1,3-Dichlorobenzene	146	12.993	12.993	0.000	98	452414	5.00	4.90	
141 4-Isopropyltoluene	119	12.999	12.999	0.000	97	872560	5.00	4.98	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	93	647050	10.0	10.0	
143 1,4-Dichlorobenzene	146	13.066	13.066	0.000	95	440521	5.00	4.88	
144 1,2,3-Trimethylbenzene	120	13.078	13.078	0.000	98	339623	5.00	4.97	
145 Benzyl chloride	126	13.145	13.139	0.006	98	46094	5.00	4.95	
146 p-Diethylbenzene	119	13.200	13.200	0.000	92	513362	5.00	5.22	
147 n-Butylbenzene	92	13.292	13.292	0.000	97	433030	5.00	5.13	
148 1,2-Dichlorobenzene	146	13.322	13.322	0.000	99	385713	5.00	4.91	
150 1,2-Dibromo-3-Chloropropane	155	13.865	13.865	0.000	89	16291	5.00	4.65	
151 1,3,5-Trichlorobenzene	180	13.987	13.987	0.000	98	374811	5.00	4.92	
152 1,2,4-Trichlorobenzene	180	14.413	14.413	0.000	94	305709	5.00	4.89	
153 Hexachlorobutadiene	225	14.493	14.493	0.000	97	168561	5.00	4.93	
154 Naphthalene	128	14.596	14.596	0.000	97	413591	5.00	5.03	
155 1,2,3-Trichlorobenzene	180	14.737	14.737	0.000	96	234361	5.00	4.92	
156 2-Methylnaphthalene	142	15.358	15.358	0.000	92	230099	5.00	5.79	
183 Pentane	43	3.001	2.989	0.012	96	234416	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00251

Amount Added: 12.50

Units: uL

MSV_QC_Gas826_00292

Amount Added: 12.50

Units: uL

MSV_29_826ISS_00066

Amount Added: 1.20

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X04.D

Injection Date: 03-Dec-2025 22:58:30

Instrument ID: 16334

Operator ID: ncc117024

Lims ID: LCSD

Worklist Smp#: 5

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

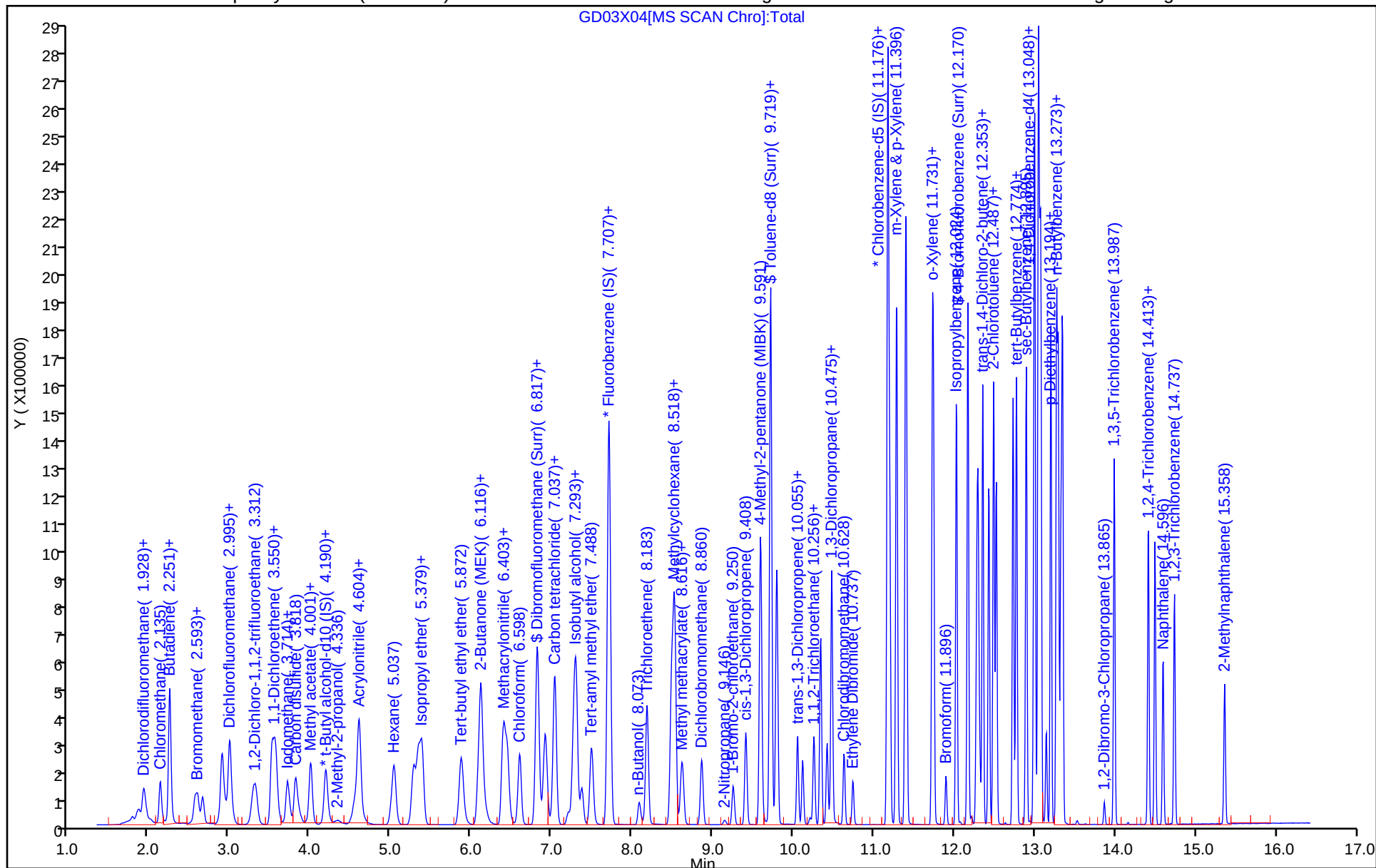
ALS Bottle#: 4

Method: MSV_16334_25mL

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\16334\20251203-168772.b\GD03X04.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 03-Dec-2025 22:58:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168772-005
Operator ID: ncc117024 Instrument ID: 16334
Method: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\MSV_16334_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 04-Dec-2025 16:32:22 Calib Date: 25-Nov-2025 04:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1715

First Level Reviewer: HR3Z

Date: 03-Dec-2025 23:26:45

Compound	Amount Added	Amount Recovered	% Rec.
\$ 52 Dibromofluoromethane (Surr)	10.0	9.83	98.30
\$ 59 1,2-Dichloroethane-d4 (Surr)	10.0	9.65	96.55
\$ 83 Toluene-d8 (Surr)	10.0	9.90	99.02
\$ 127 4-Bromofluorobenzene (Surr)	10.0	10.0	100.03

Eurofins Lancaster Laboratories Environment Testing, LLC

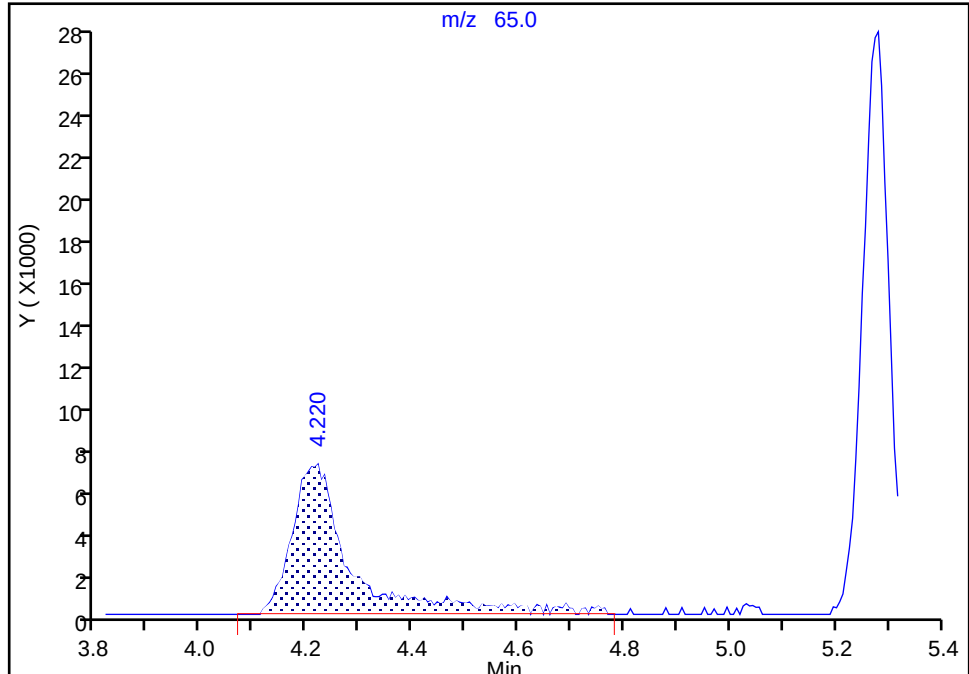
Data File: \\chromfs\Lancaster\ChromData\16334\20251203-168772.b\GD03X04.D
Injection Date: 03-Dec-2025 22:58:30 Instrument ID: 16334
Lims ID: LCSD
Client ID:
Operator ID: ncc117024 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_16334_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 30 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

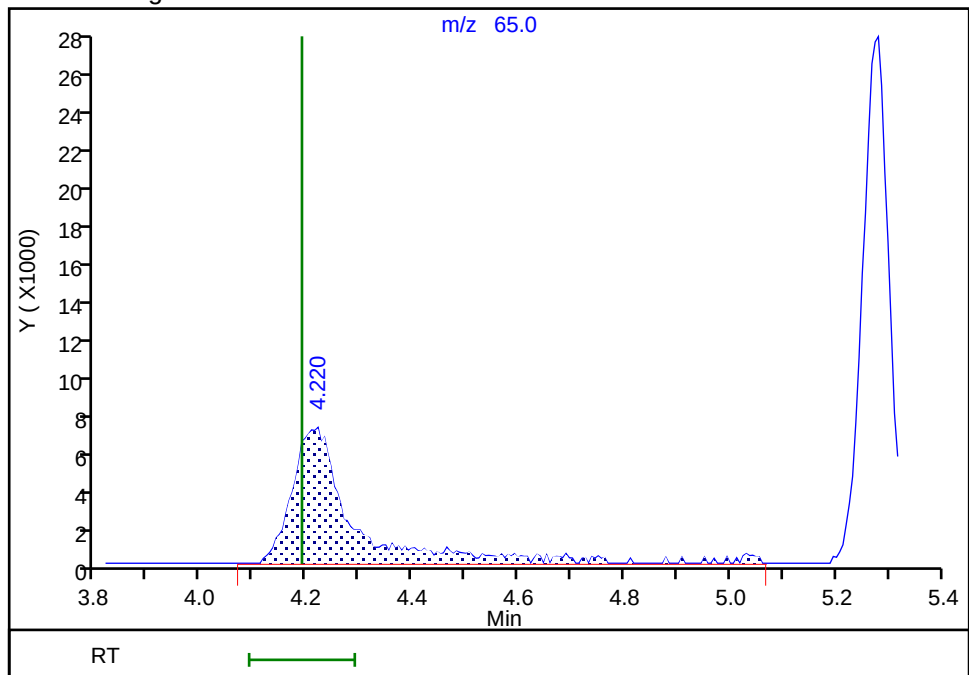
RT: 4.22
Area: 54956
Amount: 49.998300
Amount Units: ug/l

Processing Integration Results



RT: 4.22
Area: 56591
Amount: 49.998300
Amount Units: ug/l

Manual Integration Results



Reviewer: HR3Z, 03-Dec-2025 23:26:14 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCSD 410-739507/6

Matrix: Water

Lab File ID: GD05X05.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 12/05/2025 11:11

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 739507

Units: ug/L

Preparation Batch No.:

Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	4.54		0.50	0.070
71-55-6	1,1,1-Trichloroethane	4.52		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	4.88		0.50	0.10
79-00-5	1,1,2-Trichloroethane	4.67		0.50	0.080
75-34-3	1,1-Dichloroethane	4.70		0.50	0.10
75-35-4	1,1-Dichloroethene	4.99		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	4.60		0.50	0.080
107-06-2	1,2-Dichloroethane	4.65		0.50	0.070
78-87-5	1,2-Dichloropropane	4.52		0.50	0.10
78-93-3	2-Butanone (MEK)	59.9		5.0	1.0
591-78-6	2-Hexanone	60.4		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	60.3		5.0	1.0
67-64-1	Acetone	53.5		5.0	1.5
71-43-2	Benzene	4.57		0.50	0.10
74-97-5	Bromochloromethane	4.54		0.50	0.080
75-27-4	Bromodichloromethane	4.53		0.50	0.080
75-25-2	Bromoform	4.42		1.0	0.30
74-83-9	Bromomethane	4.13		0.50	0.10
75-15-0	Carbon disulfide	4.61		1.0	0.10
56-23-5	Carbon tetrachloride	4.55		0.50	0.10
108-90-7	Chlorobenzene	4.64		0.50	0.070
75-00-3	Chloroethane	4.27		0.50	0.10
67-66-3	Chloroform	4.59		0.50	0.090
74-87-3	Chloromethane	3.59		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	4.82		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	4.38		0.50	0.10
124-48-1	Dibromochloromethane	4.40		0.50	0.080
100-41-4	Ethylbenzene	4.67		0.50	0.080
1634-04-4	Methyl tert-butyl ether	4.25		0.50	0.080
75-09-2	Methylene Chloride	4.62		0.50	0.20
100-42-5	Styrene	4.68		0.50	0.070
127-18-4	Tetrachloroethene	4.31		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 410-739507/6

Matrix: Water Lab File ID: GD05X05.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 25 (mL) Date Analyzed: 12/05/2025 11:11

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 739507 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 16334

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	4.56		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	4.63		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	4.58		0.50	0.080
79-01-6	Trichloroethene	4.74		0.50	0.080
75-01-4	Vinyl chloride	3.90		0.50	0.10
1330-20-7	Xylenes, Total	13.9		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\GD05X05.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 05-Dec-2025 11:11:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168967-006
 Operator ID: ecr105096 Instrument ID: 16334
 Method: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\MSV_16334_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 17:50:16 Calib Date: 25-Nov-2025 04:21:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1714

First Level Reviewer: N7YK

Date: 05-Dec-2025 12:50:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.922	1.928	-0.006	99	174861	5.00	3.24	
5 Chloromethane	50	2.123	2.129	-0.006	99	188630	5.00	3.59	
7 Butadiene	39	2.239	2.245	-0.006	87	161302	5.00	3.87	
6 Vinyl chloride	62	2.239	2.245	-0.006	97	199484	5.00	3.90	
9 Bromomethane	94	2.581	2.568	0.012	89	163199	5.00	4.13	
10 Chloroethane	64	2.648	2.654	-0.006	99	120540	5.00	4.27	
11 Dichlorofluoromethane	67	2.891	2.897	-0.006	96	314591	5.00	4.24	
12 Trichlorofluoromethane	101	2.977	2.983	-0.006	97	228706	5.00	3.28	
15 Ethyl ether	59	3.208	3.208	0.000	89	87806	4.99	4.83	
16 1,2-Dichloro-1,1,2-trifluoroethane	67	3.294	3.300	-0.006	89	179155	5.00	4.67	
17 Acrolein	56	3.385	3.385	0.000	100	101550	36.6	41.0	
18 1,1-Dichloroethene	96	3.513	3.519	-0.006	95	146457	5.00	4.99	
19 Acetone	43	3.550	3.556	-0.006	100	175635	62.5	53.5	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.556	3.562	-0.006	89	145086	5.00	4.80	
21 Iodomethane	142	3.708	3.708	0.000	98	267403	5.00	4.27	
22 Isopropyl alcohol	45	3.733	3.739	-0.006	26	20680	37.5	39.5	
24 Carbon disulfide	76	3.806	3.812	-0.006	99	439508	5.00	4.61	
27 Methyl acetate	43	3.977	3.983	-0.006	96	40771	5.00	4.38	
28 3-Chloro-1-propene	41	3.995	4.001	-0.006	90	186798	5.00	4.21	
29 Methylene Chloride	84	4.178	4.190	-0.012	87	150846	5.00	4.62	
* 30 t-Butyl alcohol-d10 (IS)	65	4.220	4.220	0.000	99	56736	50.0	50.0	
31 2-Methyl-2-propanol	59	4.342	4.342	0.000	97	51801	50.0	53.0	
32 Acrylonitrile	53	4.531	4.543	-0.012	99	107654	25.0	25.4	
33 Methyl tert-butyl ether	73	4.586	4.592	-0.006	81	280917	5.00	4.25	
34 trans-1,2-Dichloroethene	96	4.598	4.604	-0.006	96	168480	5.00	4.63	
35 Hexane	57	5.025	5.031	-0.006	90	191556	5.00	4.81	
36 1,1-Dichloroethane	63	5.269	5.275	-0.006	96	268338	5.00	4.70	
38 Isopropyl ether	45	5.336	5.330	0.006	94	403210	5.00	4.42	
39 2-Chloro-1,3-butadiene	53	5.379	5.379	0.000	89	209140	5.00	4.42	
40 Tert-butyl ethyl ether	59	5.866	5.872	-0.006	97	365688	5.00	4.27	
42 2-Butanone (MEK)	43	6.080	6.086	-0.006	98	310975	62.5	59.9	
44 cis-1,2-Dichloroethene	96	6.110	6.110	0.000	79	182296	5.00	4.82	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
45 2,2-Dichloropropane	77	6.129	6.129	0.001	85	221347	5.00	4.48	
47 Propionitrile	54	6.190	6.189	0.001	98	58670	37.5	37.7	
48 Methacrylonitrile	67	6.391	6.397	-0.006	89	227240	37.5	36.4	
49 Chlorobromomethane	128	6.440	6.439	0.001	84	74592	5.00	4.54	
50 Tetrahydrofuran	71	6.452	6.458	-0.006	75	38962	25.0	23.7	
51 Chloroform	83	6.592	6.598	-0.006	92	285963	5.00	4.59	
\$ 52 Dibromofluoromethane (Surr)	113	6.811	6.811	0.000	94	386184	10.0	9.81	
53 1,1,1-Trichloroethane	97	6.824	6.823	0.001	96	248727	5.00	4.52	
54 Cyclohexane	56	6.915	6.915	0.000	87	232409	5.00	4.62	
56 Carbon tetrachloride	117	7.025	7.031	-0.006	97	221044	5.00	4.55	
57 1,1-Dichloropropene	75	7.031	7.037	-0.006	99	216377	5.00	4.67	
58 Isobutyl alcohol	41	7.208	7.208	0.000	93	42994	125.0	121.5	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.269	7.269	0.000	96	70872	10.0	9.64	
60 Benzene	78	7.299	7.299	0.000	96	647207	5.00	4.57	
61 1,2-Dichloroethane	62	7.366	7.372	-0.006	98	148095	5.00	4.65	
63 Tert-amyl methyl ether	73	7.488	7.488	0.000	99	315093	5.00	4.33	
* 64 Fluorobenzene (IS)	96	7.701	7.707	-0.006	99	1628426	10.0	10.0	
65 n-Heptane	43	7.714	7.714	0.000	88	189245	5.00	4.83	
67 n-Butanol	56	8.086	8.079	0.007	86	77974	250.0	256.2	
68 Trichloroethene	95	8.177	8.183	-0.006	97	178774	5.00	4.74	
69 Methylcyclohexane	83	8.482	8.488	-0.006	87	273256	5.00	4.60	
70 1,2-Dichloropropane	63	8.512	8.518	-0.006	96	147369	5.00	4.52	
71 2-ethoxy-2-methyl butane	87	8.524	8.524	0.000	97	226608	5.00	4.35	
72 1,4-Dioxane	88	8.610	8.604	0.006	33	11581	125.0	135.9	M
73 Methyl methacrylate	69	8.604	8.604	0.000	86	55412	5.00	4.69	
74 Dibromomethane	93	8.622	8.628	-0.006	94	69185	5.00	4.54	
76 Dichlorobromomethane	83	8.860	8.860	0.000	99	188791	5.00	4.53	
78 2-Nitropropane	41	9.146	9.146	0.000	98	11694	5.00	3.93	
80 1-Bromo-2-chloroethane	63	9.250	9.250	0.000	98	138516	5.00	4.98	
81 cis-1,3-Dichloropropene	75	9.408	9.408	0.000	97	212767	5.00	4.38	
82 4-Methyl-2-pentanone (MIBK)	43	9.591	9.591	0.000	95	775061	62.5	60.3	
\$ 83 Toluene-d8 (Surr)	98	9.719	9.719	0.000	93	1578287	10.0	9.96	
84 Toluene	92	9.793	9.792	0.000	98	431967	5.00	4.56	
105 trans-1,3-Dichloropropene	75	10.055	10.055	0.000	91	172306	5.00	4.58	
106 Ethyl methacrylate	69	10.116	10.116	0.000	87	120840	5.00	4.54	
107 1,1,2-Trichloroethane	97	10.256	10.256	0.000	89	103529	5.00	4.67	
108 Tetrachloroethene	166	10.341	10.341	0.000	97	202078	5.00	4.31	
109 1,3-Dichloropropane	76	10.420	10.420	0.000	87	170617	5.00	4.73	
110 2-Hexanone	43	10.475	10.475	0.000	95	533856	62.5	60.4	
112 Chlorodibromomethane	129	10.628	10.628	0.000	90	128562	5.00	4.40	
113 Ethylene Dibromide	107	10.737	10.737	0.000	98	97595	5.00	4.60	
* 114 Chlorobenzene-d5 (IS)	117	11.170	11.170	0.000	86	1231166	10.0	10.0	
115 1-Chlorohexane	91	11.182	11.182	0.000	93	241275	5.00	4.58	
116 Chlorobenzene	112	11.201	11.201	0.000	96	500678	5.00	4.64	
118 1,1,1,2-Tetrachloroethane	131	11.280	11.280	0.000	97	164944	5.00	4.54	
119 Ethylbenzene	91	11.286	11.286	0.000	98	851948	5.00	4.67	
120 m-Xylene & p-Xylene	106	11.402	11.402	0.000	100	674902	10.0	9.30	
121 o-Xylene	106	11.731	11.725	0.006	96	327666	5.00	4.57	
122 Styrene	104	11.743	11.743	0.000	94	544274	5.00	4.68	
123 Bromoform	173	11.896	11.896	0.000	97	71049	5.00	4.42	
124 Isopropylbenzene	105	12.024	12.030	-0.006	95	875798	5.00	4.70	
\$ 127 4-Bromofluorobenzene (Surr)	95	12.170	12.170	0.000	94	564321	10.0	9.90	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
128 1,1,2,2-Tetrachloroethane	83	12.274	12.274	0.000	94	113046	5.00	4.88	
129 Bromobenzene	156	12.286	12.286	0.000	92	205372	5.00	4.57	
130 trans-1,4-Dichloro-2-butene	53	12.298	12.298	0.000	93	125383	25.0	23.2	
131 1,2,3-Trichloropropane	110	12.316	12.316	0.000	83	31463	5.00	4.63	
132 N-Propylbenzene	91	12.353	12.353	0.000	99	1016262	5.00	4.82	
133 2-Chlorotoluene	126	12.432	12.432	0.000	97	213432	5.00	4.71	
134 1,3,5-Trimethylbenzene	105	12.487	12.487	0.000	94	736668	5.00	4.74	
135 4-Chlorotoluene	126	12.524	12.524	0.000	96	219938	5.00	4.65	
136 tert-Butylbenzene	134	12.731	12.731	0.000	92	159424	5.00	4.53	
138 1,2,4-Trimethylbenzene	105	12.774	12.774	0.000	97	748368	5.00	4.61	
139 sec-Butylbenzene	105	12.896	12.895	0.001	94	952456	5.00	4.80	
140 1,3-Dichlorobenzene	146	12.993	12.993	0.000	99	435630	5.00	4.66	
141 4-Isopropyltoluene	119	12.999	12.999	0.000	97	837762	5.00	4.72	
* 142 1,4-Dichlorobenzene-d4	152	13.048	13.048	0.000	93	654950	10.0	10.0	
143 1,4-Dichlorobenzene	146	13.066	13.066	0.000	95	422896	5.00	4.62	
144 1,2,3-Trimethylbenzene	120	13.078	13.078	0.000	98	327310	5.00	4.73	
145 Benzyl chloride	126	13.139	13.145	-0.006	98	43738	5.00	4.64	
146 p-Diethylbenzene	119	13.200	13.200	0.000	92	491354	5.00	4.94	
147 n-Butylbenzene	92	13.292	13.292	0.000	96	413738	5.00	4.85	
148 1,2-Dichlorobenzene	146	13.322	13.322	0.000	99	370004	5.00	4.66	
150 1,2-Dibromo-3-Chloropropane	155	13.865	13.865	0.000	89	15374	5.00	4.38	
151 1,3,5-Trichlorobenzene	180	13.987	13.987	0.000	98	362454	5.00	4.70	
152 1,2,4-Trichlorobenzene	180	14.414	14.413	0.001	94	297514	5.00	4.70	
153 Hexachlorobutadiene	225	14.493	14.493	0.000	97	160942	5.00	4.65	
154 Naphthalene	128	14.596	14.596	0.000	96	394474	5.00	4.74	
155 1,2,3-Trichlorobenzene	180	14.737	14.737	0.000	96	223913	5.00	4.65	
156 2-Methylnaphthalene	142	15.359	15.358	0.000	92	211609	5.00	5.26	
183 Pentane	43	2.989	2.995	-0.006	97	192568	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00251	Amount Added: 12.50	Units: uL	
MSV_QC_Gas826_00292	Amount Added: 12.50	Units: uL	
MSV_LCS_ACROL_00256	Amount Added: 12.50	Units: uL	
MSV_LCS_EE_00014	Amount Added: 12.50	Units: uL	
MSV_29_826ISS_00069	Amount Added: 1.20	Units: uL	Run Reagent

Report Date: 05-Dec-2025 17:50:38

Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\GD05X05.D

Injection Date: 05-Dec-2025 11:11:30

Instrument ID: 16334

Operator ID: ecr105096

Lims ID: LCSD

Worklist Smp#: 6

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

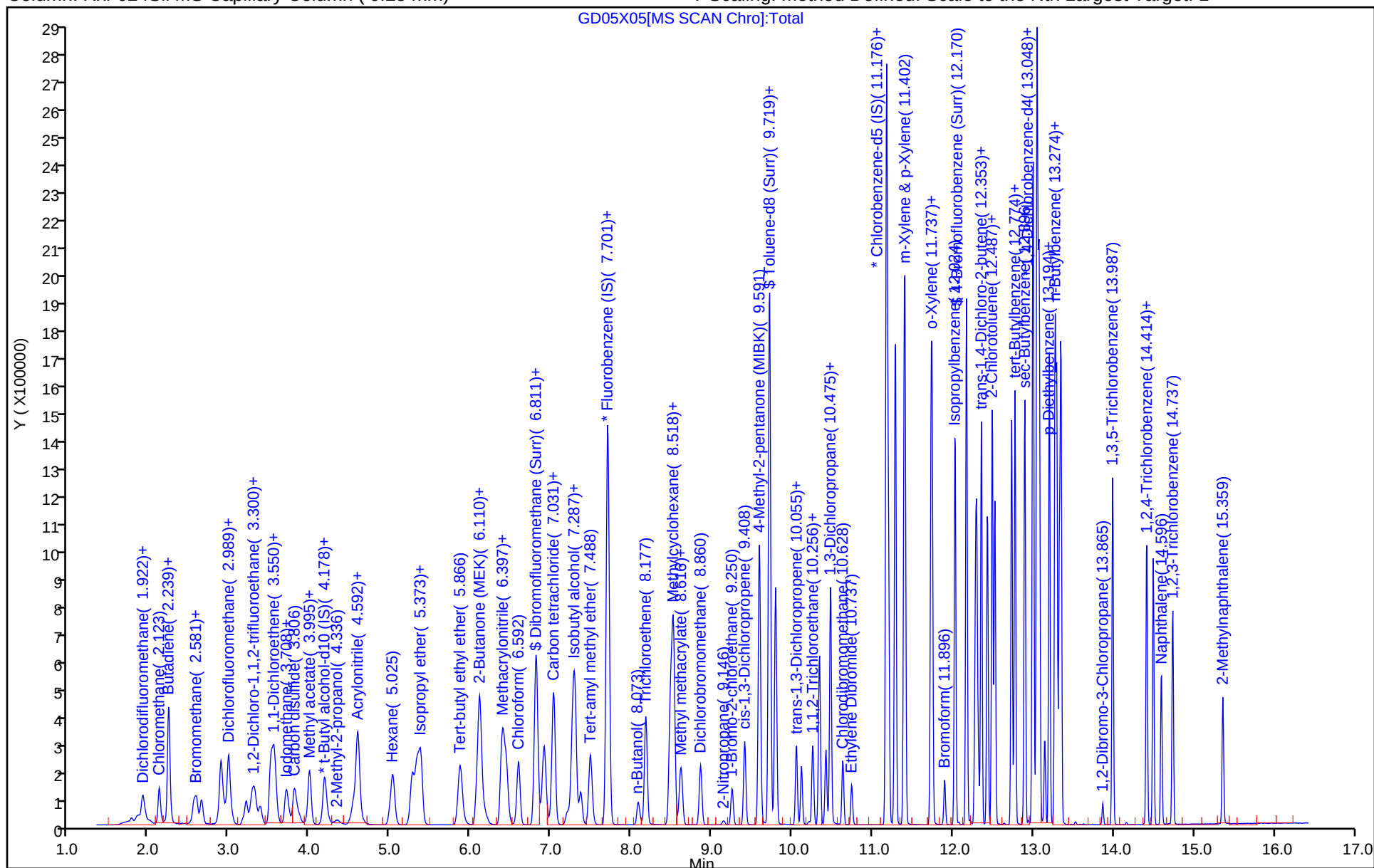
ALS Bottle#: 5

Method: MSV_16334_25mL

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\16334\20251205-168967.b\GD05X05.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 05-Dec-2025 11:11:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168967-006
Operator ID: ecr105096 Instrument ID: 16334
Method: \\chromfs\Lancaster\ChromData\16334\20251205-168967.b\MSV_16334_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 17:50:16 Calib Date: 25-Nov-2025 04:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\16334\20251124-167907.b\GN24X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1714

First Level Reviewer: N7YK

Date: 05-Dec-2025 12:50:27

Compound	Amount Added	Amount Recovered	% Rec.
\$ 52 Dibromofluoromethane (Surr)	10.0	9.81	98.06
\$ 59 1,2-Dichloroethane-d4 (Surr)	10.0	9.64	96.43
\$ 83 Toluene-d8 (Surr)	10.0	9.96	99.61
\$ 127 4-Bromofluorobenzene (Surr)	10.0	9.90	99.01

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID: HD-COD-SW-15-0/1-0 MS MS

Lab Sample ID: 410-254861-6 MS

Matrix: Water

Lab File ID: HD03X61.D

Analysis Method: 8260D

Date Collected: 11/24/2025 12:00

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 01:24

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738637

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	5.41		0.50	0.070
71-55-6	1,1,1-Trichloroethane	6.08		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	5.39		0.50	0.10
79-00-5	1,1,2-Trichloroethane	5.58		0.50	0.080
75-34-3	1,1-Dichloroethane	6.23		0.50	0.10
75-35-4	1,1-Dichloroethene	6.64		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	5.57		0.50	0.080
107-06-2	1,2-Dichloroethane	5.52		0.50	0.070
78-87-5	1,2-Dichloropropane	5.97		0.50	0.10
78-93-3	2-Butanone (MEK)	67.4		5.0	1.0
591-78-6	2-Hexanone	79.8		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	74.9		5.0	1.0
67-64-1	Acetone	61.2		5.0	1.5
71-43-2	Benzene	5.67		0.50	0.10
74-97-5	Bromochloromethane	5.73		0.50	0.080
75-27-4	Bromodichloromethane	5.52		0.50	0.080
75-25-2	Bromoform	4.87		1.0	0.30
74-83-9	Bromomethane	5.44		0.50	0.10
75-15-0	Carbon disulfide	6.11		1.0	0.10
56-23-5	Carbon tetrachloride	6.00		0.50	0.10
108-90-7	Chlorobenzene	5.61		0.50	0.070
75-00-3	Chloroethane	5.88		0.50	0.10
67-66-3	Chloroform	5.86		0.50	0.090
74-87-3	Chloromethane	5.73		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	7.40		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	5.36		0.50	0.10
124-48-1	Dibromochloromethane	5.22		0.50	0.080
100-41-4	Ethylbenzene	5.65		0.50	0.080
1634-04-4	Methyl tert-butyl ether	5.14		0.50	0.080
75-09-2	Methylene Chloride	5.95		0.50	0.20
100-42-5	Styrene	5.41		0.50	0.070
127-18-4	Tetrachloroethene	10.2		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-15-0/1-0 MS MS Lab Sample ID: 410-254861-6 MS

Matrix: Water Lab File ID: HD03X61.D

Analysis Method: 8260D Date Collected: 11/24/2025 12:00

Sample wt/vol: 25 (mL) Date Analyzed: 12/04/2025 01:24

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738637 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	5.62		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	6.03		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	5.56		0.50	0.080
79-01-6	Trichloroethene	7.14		0.50	0.080
75-01-4	Vinyl chloride	5.68		0.50	0.10
1330-20-7	Xylenes, Total	16.5		1.0	0.070

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)	99		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\19094\20251203-168773.b\HD03X61.D
 Lims ID: 410-254861-A-6 MS
 Client ID: HD-COD-SW-15-0/1-0 MS
 Sample Type: MS
 Inject. Date: 04-Dec-2025 01:24:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168773-012
 Operator ID: ncc117024 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 08:45:55 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 08:46:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.812	1.825	-0.013	100	492875	5.00	6.25	
5 Chloromethane	50	2.001	2.008	-0.007	99	515521	5.00	5.73	
6 Butadiene	39	2.087	2.099	-0.012	92	578496	5.00	6.08	
7 Vinyl chloride	62	2.105	2.111	-0.006	98	486164	5.00	5.68	
9 Bromomethane	94	2.416	2.422	-0.006	91	301645	5.00	5.44	
10 Chloroethane	64	2.459	2.465	-0.006	100	267928	5.00	5.88	
11 Dichlorofluoromethane	67	2.666	2.672	-0.006	97	694419	5.00	5.52	
12 Trichlorofluoromethane	101	2.763	2.770	-0.007	98	472754	5.00	4.37	
14 1,2-Dichloro-1,1,2-trifluoroethane	67	3.013	3.026	-0.013	94	426338	5.00	5.88	
17 1,1-Dichloroethene	96	3.221	3.227	-0.006	97	321733	5.00	6.64	
19 Acetone	43	3.251	3.257	-0.006	100	267180	62.6	61.2	
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.263	3.276	-0.013	94	322801	5.00	6.45	
20 Iodomethane	142	3.397	3.404	-0.007	100	486819	5.00	5.49	
23 Carbon disulfide	76	3.501	3.507	-0.006	99	842719	5.00	6.11	
24 Methyl acetate	43	3.647	3.641	0.006	81	77034	5.00	9.21	
25 3-Chloro-1-propene	41	3.647	3.654	-0.007	90	491853	5.00	5.83	
* 28 t-Butyl alcohol-d10 (IS)	65	3.806	3.818	-0.012	96	60306	50.0	50.0	
27 Methylene Chloride	84	3.812	3.818	-0.006	94	290806	5.00	5.95	
29 2-Methyl-2-propanol	59	3.922	3.916	0.006	98	59622	50.0	57.4	
30 Acrylonitrile	53	4.147	4.160	-0.013	98	154933	25.0	25.2	
31 Methyl tert-butyl ether	73	4.178	4.184	-0.006	96	552217	5.00	5.14	
33 trans-1,2-Dichloroethene	96	4.202	4.208	-0.006	97	322438	5.00	6.03	
34 Hexane	57	4.617	4.623	-0.006	93	473706	5.00	6.22	
35 1,1-Dichloroethane	63	4.842	4.848	-0.006	96	620768	5.00	6.23	
37 Isopropyl ether	45	4.909	4.916	-0.007	94	932432	5.00	5.83	
38 2-Chloro-1,3-butadiene	53	4.964	4.964	0.000	91	508128	5.00	5.76	
39 Tert-butyl ethyl ether	59	5.452	5.458	-0.006	98	781363	5.00	5.42	
41 2-Butanone (MEK)	43	5.665	5.659	0.006	100	516167	62.6	67.4	
42 cis-1,2-Dichloroethene	96	5.696	5.702	-0.006	83	419396	5.00	7.40	
43 2,2-Dichloropropane	77	5.708	5.714	-0.006	89	512943	5.00	5.75	
44 Propionitrile	54	5.769	5.745	0.024	96	54720	37.5	39.5	
46 Methacrylonitrile	67	5.964	5.964	0.000	93	389629	37.5	49.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
47 Chlorobromomethane	128	6.037	6.037	0.000	97	122800	5.00	5.73	
48 Tetrahydrofuran	71	6.043	6.043	0.000	68	64771	25.0	29.4	
50 Chloroform	83	6.190	6.190	0.000	94	569562	5.00	5.86	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.409	0.000	93	453941	10.0	9.92	
52 1,1,1-Trichloroethane	97	6.415	6.421	-0.006	99	557771	5.00	6.08	
54 Cyclohexane	56	6.525	6.525	0.000	92	624272	5.00	6.08	
56 Carbon tetrachloride	117	6.641	6.641	0.000	84	462717	5.00	6.00	
55 1,1-Dichloropropene	75	6.641	6.641	0.000	95	483700	5.00	6.04	
57 Isobutyl alcohol	41	6.793	6.793	0.000	94	47593	125.1	106.8	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.866	6.872	-0.006	95	85592	10.0	10.1	
59 Benzene	78	6.903	6.903	0.000	97	1315662	5.00	5.67	
60 1,2-Dichloroethane	62	6.976	6.982	-0.006	97	285046	5.00	5.52	
62 Tert-amyl methyl ether	73	7.104	7.104	0.000	98	649645	5.00	5.39	
* 64 Fluorobenzene (IS)	96	7.317	7.318	-0.001	98	1998810	10.0	10.0	
65 n-Heptane	43	7.342	7.342	0.000	93	464972	5.00	5.98	
66 n-Butanol	56	7.720	7.702	0.018	92	87484	250.2	317.1	
67 Trichloroethene	95	7.811	7.811	0.000	99	435019	5.00	7.14	
69 Methylcyclohexane	83	8.122	8.122	0.000	93	589701	5.00	5.67	
70 1,2-Dichloropropane	63	8.140	8.147	-0.007	97	325459	5.00	5.97	
71 2-ethoxy-2-methyl butane	87	8.159	8.165	-0.006	91	445407	5.00	5.36	
73 1,4-Dioxane	88	8.250	8.244	0.006	29	10228	125.1	234.5	
72 Methyl methacrylate	69	8.250	8.244	0.006	94	90635	5.00	5.65	
74 Dibromomethane	93	8.256	8.256	0.000	96	120642	5.00	5.63	
76 Dichlorobromomethane	83	8.494	8.500	-0.006	99	344858	5.00	5.52	
77 2-Nitropropane	41	8.768	8.762	0.006	97	26075	5.00	4.76	
79 1-Bromo-2-chloroethane	63	8.902	8.896	0.006	99	257381	5.00	5.58	
80 cis-1,3-Dichloropropene	75	9.067	9.067	0.000	95	386054	5.00	5.36	
81 4-Methyl-2-pentanone (MIBK)	43	9.250	9.250	0.000	97	1603638	62.6	74.9	
\$ 82 Toluene-d8 (Surr)	98	9.396	9.396	0.000	94	2017506	10.0	10.1	
84 Toluene	92	9.482	9.482	0.000	98	837545	5.00	5.62	
85 trans-1,3-Dichloropropene	75	9.762	9.762	0.000	94	302521	5.00	5.56	
86 Ethyl methacrylate	69	9.835	9.835	0.000	90	215524	5.00	5.55	
87 1,1,2-Trichloroethane	97	9.969	9.969	0.000	91	172771	5.00	5.58	
107 Tetrachloroethene	166	10.061	10.061	0.000	97	689620	5.00	10.2	
108 1,3-Dichloropropane	76	10.140	10.140	0.000	92	312171	5.00	5.77	
109 2-Hexanone	43	10.195	10.195	0.000	97	1088152	62.6	79.8	
111 Chlorodibromomethane	129	10.359	10.360	-0.001	90	207346	5.00	5.22	
112 Ethylene Dibromide	107	10.475	10.475	0.000	99	155802	5.00	5.57	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.920	0.000	87	1414921	10.0	10.0	
114 1-Chlorohexane	91	10.939	10.939	0.000	97	466200	5.00	5.39	
115 Chlorobenzene	112	10.951	10.951	0.000	93	858912	5.00	5.61	
116 1,1,1,2-Tetrachloroethane	131	11.036	11.036	0.000	95	280240	5.00	5.41	
117 Ethylbenzene	91	11.042	11.042	0.000	99	1642201	5.00	5.65	
118 m-Xylene & p-Xylene	106	11.158	11.158	0.000	99	1245401	10.0	11.0	
120 o-Xylene	106	11.493	11.494	-0.001	98	583065	5.00	5.46	
121 Styrene	104	11.512	11.512	0.000	95	903885	5.00	5.41	
122 Bromoform	173	11.670	11.670	0.000	96	100214	5.00	4.87	
123 Isopropylbenzene	105	11.804	11.804	0.000	96	1590659	5.00	5.45	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.945	11.945	-0.001	88	717197	10.0	10.0	
127 1,1,2,2-Tetrachloroethane	83	12.048	12.048	0.000	94	192917	5.00	5.39	
128 Bromobenzene	156	12.060	12.060	0.000	97	318434	5.00	5.46	
129 trans-1,4-Dichloro-2-butene	53	12.079	12.073	0.006	91	165648	25.0	22.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
130 1,2,3-Trichloropropane	110	12.097	12.097	0.000	83	51521	5.00	5.40	
131 N-Propylbenzene	91	12.133	12.134	-0.001	99	1886518	5.00	5.57	
132 2-Chlorotoluene	126	12.213	12.207	0.006	96	348182	5.00	5.43	
133 1,3,5-Trimethylbenzene	105	12.274	12.274	0.000	93	1286835	5.00	5.34	
134 4-Chlorotoluene	126	12.304	12.304	0.000	98	351858	5.00	5.38	
135 tert-Butylbenzene	134	12.518	12.518	0.000	94	255595	5.00	4.94	
137 1,2,4-Trimethylbenzene	105	12.560	12.560	0.000	98	1279233	5.00	5.22	
138 sec-Butylbenzene	105	12.682	12.682	0.000	95	1625270	5.00	5.42	
139 1,3-Dichlorobenzene	146	12.780	12.780	0.000	98	643211	5.00	5.43	
140 4-Isopropyltoluene	119	12.792	12.792	0.000	97	1338782	5.00	5.16	
* 141 1,4-Dichlorobenzene-d4	152	12.835	12.835	0.000	96	771244	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.853	12.853	0.000	94	645990	5.00	5.31	
143 1,2,3-Trimethylbenzene	120	12.865	12.865	0.000	99	537153	5.00	5.31	
144 Benzyl chloride	126	12.932	12.932	0.000	99	69928	5.00	5.06	
145 p-Diethylbenzene	119	13.066	13.066	0.000	93	798814	5.00	5.20	
146 n-Butylbenzene	92	13.085	13.085	0.000	97	667532	5.00	5.36	
147 1,2-Dichlorobenzene	146	13.115	13.115	0.000	98	557907	5.00	5.34	
148 1,2-Dibromo-3-Chloropropane	155	13.658	13.658	0.000	81	20514	5.00	4.70	
150 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	97	420685	5.00	5.04	
151 1,2,4-Trichlorobenzene	180	14.206	14.206	0.000	94	322435	5.00	5.01	
152 Hexachlorobutadiene	225	14.292	14.292	0.000	98	148611	5.00	5.28	
153 Naphthalene	128	14.383	14.383	0.000	97	503549	5.00	4.71	
154 1,2,3-Trichlorobenzene	180	14.529	14.530	-0.001	95	249973	5.00	4.76	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

MSV_LCS_VOC#1_00251

Amount Added: 5.38

Units: uL

MSV_QC_Gas826_00292

Amount Added: 5.38

Units: uL

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X61.D

Injection Date: 04-Dec-2025 01:24:30

Instrument ID: 19094

Operator ID: ncc117024

Lims ID: 410-254861-A-6 MS

Worklist Smp#: 12

Client ID: HD-COD-SW-15-0/1-0 MS

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

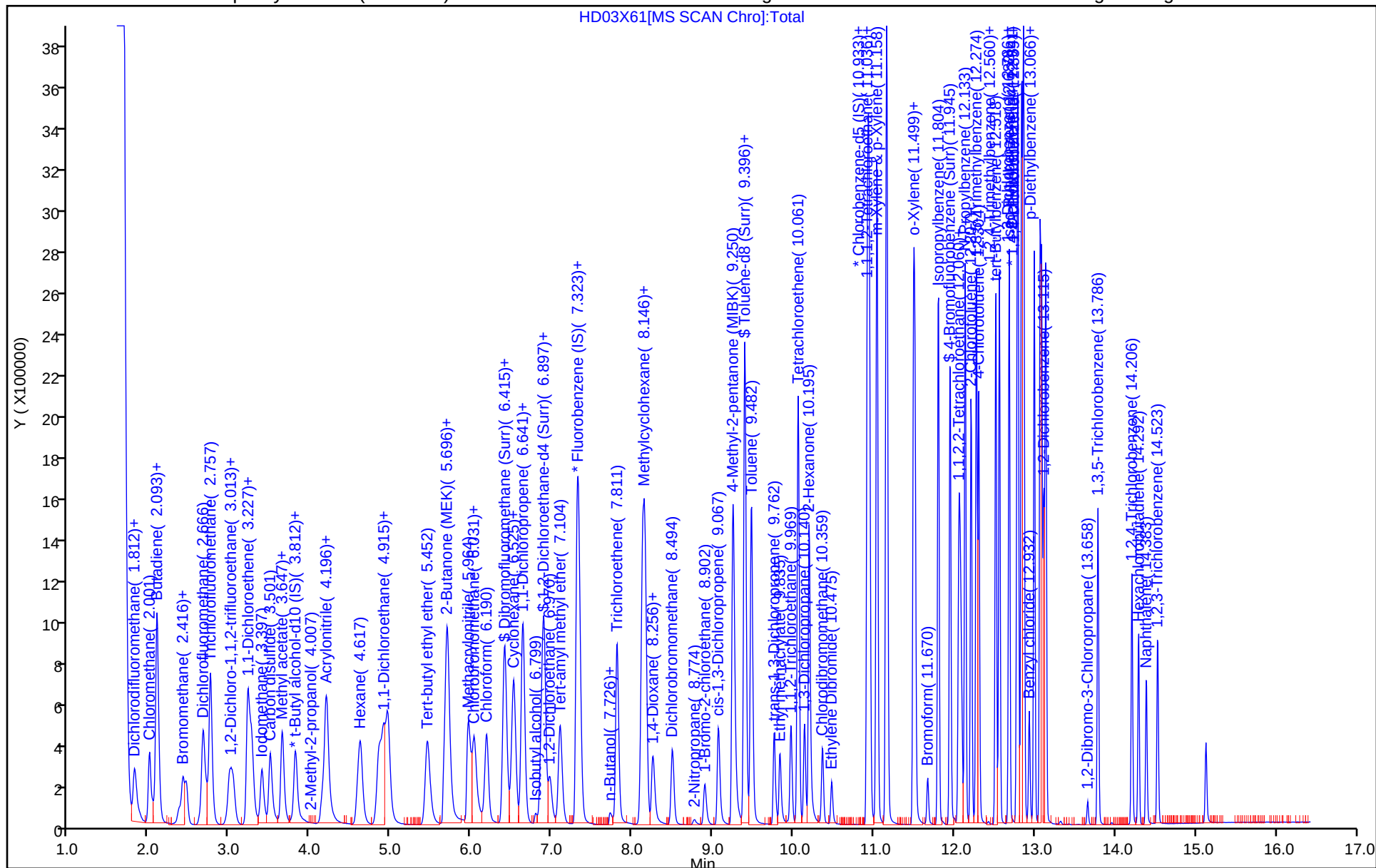
ALS Bottle#: 11

Method: MSV_19094_25mL

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\19094\20251203-168773.b\HD03X61.D
Lims ID: 410-254861-A-6 MS
Client ID: HD-COD-SW-15-0/1-0 MS
Sample Type: MS
Inject. Date: 04-Dec-2025 01:24:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168773-012
Operator ID: ncc117024 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 08:45:55 Calib Date: 27-Oct-2025 20:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 08:46:48

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	9.92	99.21
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.1	101.40
\$ 82 Toluene-d8 (Surr)	10.0	10.1	101.10
\$ 126 4-Bromofluorobenzene (Surr)	10.0	10.0	99.94

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-254861-1

SDG No.:

Client Sample ID: HD-COD-SW-15-0/1-0 MSD
MSD

Lab Sample ID: 410-254861-6 MSD

Matrix: Water

Lab File ID: HD03X62.D

Analysis Method: 8260D

Date Collected: 11/24/2025 12:00

Sample wt/vol: 25 (mL)

Date Analyzed: 12/04/2025 01:45

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

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

Purge Volume: 25.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 738637

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	5.46		0.50	0.070
71-55-6	1,1,1-Trichloroethane	6.12		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	5.48		0.50	0.10
79-00-5	1,1,2-Trichloroethane	5.53		0.50	0.080
75-34-3	1,1-Dichloroethane	6.37		0.50	0.10
75-35-4	1,1-Dichloroethene	6.69		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	5.54		0.50	0.080
107-06-2	1,2-Dichloroethane	5.75		0.50	0.070
78-87-5	1,2-Dichloropropane	6.02		0.50	0.10
78-93-3	2-Butanone (MEK)	69.4		5.0	1.0
591-78-6	2-Hexanone	74.2		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	69.7		5.0	1.0
67-64-1	Acetone	58.3		5.0	1.5
71-43-2	Benzene	5.77		0.50	0.10
74-97-5	Bromochloromethane	5.76		0.50	0.080
75-27-4	Bromodichloromethane	5.63		0.50	0.080
75-25-2	Bromoform	4.95		1.0	0.30
74-83-9	Bromomethane	4.93		0.50	0.10
75-15-0	Carbon disulfide	6.20		1.0	0.10
56-23-5	Carbon tetrachloride	6.08		0.50	0.10
108-90-7	Chlorobenzene	5.61		0.50	0.070
75-00-3	Chloroethane	5.29		0.50	0.10
67-66-3	Chloroform	5.99		0.50	0.090
74-87-3	Chloromethane	5.26		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	7.58		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	5.48		0.50	0.10
124-48-1	Dibromochloromethane	5.19		0.50	0.080
100-41-4	Ethylbenzene	5.64		0.50	0.080
1634-04-4	Methyl tert-butyl ether	5.29		0.50	0.080
75-09-2	Methylene Chloride	6.02		0.50	0.20
100-42-5	Styrene	5.45		0.50	0.070

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-15-0/1-0 MSD Lab Sample ID: 410-254861-6 MSD
MSD

Matrix: Water Lab File ID: HD03X62.D

Analysis Method: 8260D Date Collected: 11/24/2025 12:00

Sample wt/vol: 25 (mL) Date Analyzed: 12/04/2025 01:45

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 25.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 738637 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	10.3		0.50	0.20
108-88-3	Toluene	5.57		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	6.08		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	5.59		0.50	0.080
79-01-6	Trichloroethene	7.17		0.50	0.080
75-01-4	Vinyl chloride	5.02		0.50	0.10
1330-20-7	Xylenes, Total	16.5		1.0	0.070

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)	102		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\19094\20251203-168773.b\HD03X62.D
 Lims ID: 410-254861-A-6 MSD
 Client ID: HD-COD-SW-15-0/1-0 MSD
 Sample Type: MSD
 Inject. Date: 04-Dec-2025 01:45:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0168773-013
 Operator ID: ncc117024 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 05-Dec-2025 08:45:55 Calib Date: 27-Oct-2025 20:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 08:47:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.818	1.825	-0.007	99	437001	5.00	5.64	
5 Chloromethane	50	1.995	2.008	-0.013	99	465755	5.00	5.26	
6 Butadiene	39	2.087	2.099	-0.012	94	528514	5.00	5.65	
7 Vinyl chloride	62	2.105	2.111	-0.006	98	423002	5.00	5.02	
9 Bromomethane	94	2.410	2.422	-0.012	91	268339	5.00	4.93	
10 Chloroethane	64	2.459	2.465	-0.006	100	236797	5.00	5.29	
11 Dichlorofluoromethane	67	2.666	2.672	-0.006	97	613947	5.00	4.97	
12 Trichlorofluoromethane	101	2.763	2.770	-0.007	98	420498	5.00	3.95	
14 1,2-Dichloro-1,1,2-trifluoroethane	67	3.013	3.026	-0.013	94	377628	5.00	5.30	
17 1,1-Dichloroethene	96	3.221	3.227	-0.006	96	318811	5.00	6.69	
19 Acetone	43	3.245	3.257	-0.012	100	279531	62.6	58.3	
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.263	3.276	-0.013	93	314904	5.00	6.41	
20 Iodomethane	142	3.391	3.404	-0.013	99	480830	5.00	5.52	
23 Carbon disulfide	76	3.501	3.507	-0.006	99	840834	5.00	6.20	
24 Methyl acetate	43	3.641	3.641	0.000	27	67849	5.00	7.39	
25 3-Chloro-1-propene	41	3.647	3.654	-0.007	91	482686	5.00	5.82	
* 28 t-Butyl alcohol-d10 (IS)	65	3.800	3.818	-0.018	96	66272	50.0	50.0	
27 Methylene Chloride	84	3.812	3.818	-0.006	94	289125	5.00	6.02	
29 2-Methyl-2-propanol	59	3.909	3.916	-0.007	97	64424	50.0	56.4	
30 Acrylonitrile	53	4.141	4.160	-0.019	97	155165	25.0	23.1	
31 Methyl tert-butyl ether	73	4.178	4.184	-0.006	96	558374	5.00	5.29	
33 trans-1,2-Dichloroethene	96	4.196	4.208	-0.012	97	319544	5.00	6.08	
34 Hexane	57	4.617	4.623	-0.006	94	477452	5.00	6.38	
35 1,1-Dichloroethane	63	4.848	4.848	0.000	96	623221	5.00	6.37	
37 Isopropyl ether	45	4.909	4.916	-0.007	94	930519	5.00	5.92	
38 2-Chloro-1,3-butadiene	53	4.958	4.964	-0.006	92	507203	5.00	5.85	
39 Tert-butyl ethyl ether	59	5.452	5.458	-0.006	98	780396	5.00	5.50	
41 2-Butanone (MEK)	43	5.665	5.659	0.006	100	584480	62.6	69.4	
42 cis-1,2-Dichloroethene	96	5.690	5.702	-0.012	83	421898	5.00	7.58	
43 2,2-Dichloropropane	77	5.708	5.714	-0.006	88	506229	5.00	5.78	
44 Propionitrile	54	5.769	5.745	0.024	97	52504	37.5	35.0	
46 Methacrylonitrile	67	5.958	5.964	-0.006	93	389983	37.5	45.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
47 Chlorobromomethane	128	6.031	6.037	-0.006	97	121282	5.00	5.76	
48 Tetrahydrofuran	71	6.043	6.043	0.000	69	68684	25.0	28.4	
50 Chloroform	83	6.183	6.190	-0.007	94	571833	5.00	5.99	
\$ 51 Dibromofluoromethane (Surr)	113	6.403	6.409	-0.006	93	456508	10.0	10.2	
52 1,1,1-Trichloroethane	97	6.421	6.421	0.000	99	551756	5.00	6.12	
54 Cyclohexane	56	6.519	6.525	-0.006	92	620048	5.00	6.15	
56 Carbon tetrachloride	117	6.641	6.641	0.000	84	460743	5.00	6.08	
55 1,1-Dichloropropene	75	6.641	6.641	0.000	95	482760	5.00	6.13	
57 Isobutyl alcohol	41	6.805	6.793	0.012	91	60280	125.1	123.1	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.866	6.872	-0.006	93	83602	10.0	10.1	
59 Benzene	78	6.897	6.903	-0.006	97	1316188	5.00	5.77	
60 1,2-Dichloroethane	62	6.976	6.982	-0.006	97	291945	5.00	5.75	
62 Tert-amyl methyl ether	73	7.104	7.104	0.000	99	661380	5.00	5.58	
* 64 Fluorobenzene (IS)	96	7.317	7.318	-0.001	98	1964397	10.0	10.0	
65 n-Heptane	43	7.342	7.342	0.000	94	468356	5.00	6.13	
66 n-Butanol	56	7.726	7.702	0.024	92	91335	250.2	303.2	
67 Trichloroethene	95	7.805	7.811	-0.006	98	429250	5.00	7.17	
69 Methylcyclohexane	83	8.122	8.122	0.000	93	588053	5.00	5.76	
70 1,2-Dichloropropane	63	8.140	8.147	-0.007	86	322806	5.00	6.02	
71 2-ethoxy-2-methyl butane	87	8.165	8.165	0.000	93	446366	5.00	5.47	
73 1,4-Dioxane	88	8.256	8.244	0.012	28	10747	125.1	224.3	
72 Methyl methacrylate	69	8.250	8.244	0.006	90	89797	5.00	5.09	
74 Dibromomethane	93	8.256	8.256	0.000	96	120151	5.00	5.71	
76 Dichlorobromomethane	83	8.500	8.500	0.000	99	346123	5.00	5.63	
77 2-Nitropropane	41	8.768	8.762	0.006	98	27066	5.00	4.49	
79 1-Bromo-2-chloroethane	63	8.902	8.896	0.006	99	232428	5.00	5.13	
80 cis-1,3-Dichloropropene	75	9.067	9.067	0.000	95	387722	5.00	5.48	
81 4-Methyl-2-pentanone (MIBK)	43	9.250	9.250	0.000	98	1641417	62.6	69.7	
\$ 82 Toluene-d8 (Surr)	98	9.396	9.396	0.000	94	2011229	10.0	10.1	
84 Toluene	92	9.475	9.482	-0.007	98	827307	5.00	5.57	
85 trans-1,3-Dichloropropene	75	9.762	9.762	0.000	94	303142	5.00	5.59	
86 Ethyl methacrylate	69	9.835	9.835	0.000	90	217284	5.00	5.63	
87 1,1,2-Trichloroethane	97	9.969	9.969	0.000	91	170161	5.00	5.53	
107 Tetrachloroethene	166	10.061	10.061	0.000	96	689605	5.00	10.3	
108 1,3-Dichloropropane	76	10.140	10.140	0.000	92	310345	5.00	5.76	
109 2-Hexanone	43	10.195	10.195	0.000	97	1112003	62.6	74.2	
111 Chlorodibromomethane	129	10.359	10.360	-0.001	90	205061	5.00	5.19	
112 Ethylene Dibromide	107	10.475	10.475	0.000	99	154452	5.00	5.54	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.920	0.000	89	1408116	10.0	10.0	
114 1-Chlorohexane	91	10.939	10.939	0.000	98	467530	5.00	5.43	
115 Chlorobenzene	112	10.951	10.951	0.000	96	854969	5.00	5.61	
116 1,1,1,2-Tetrachloroethane	131	11.036	11.036	0.000	95	281488	5.00	5.46	
117 Ethylbenzene	91	11.042	11.042	0.000	99	1632107	5.00	5.64	
118 m-Xylene & p-Xylene	106	11.158	11.158	0.000	99	1240904	10.0	11.0	
120 o-Xylene	106	11.493	11.494	-0.001	97	584044	5.00	5.50	
121 Styrene	104	11.512	11.512	0.000	94	906924	5.00	5.45	
122 Bromoform	173	11.670	11.670	0.000	96	101522	5.00	4.95	
123 Isopropylbenzene	105	11.804	11.804	0.000	96	1586463	5.00	5.46	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.945	11.945	-0.001	88	714904	10.0	10.0	
127 1,1,2,2-Tetrachloroethane	83	12.048	12.048	0.000	94	197628	5.00	5.48	
128 Bromobenzene	156	12.060	12.060	0.000	97	320628	5.00	5.46	
129 trans-1,4-Dichloro-2-butene	53	12.079	12.073	0.006	91	163703	25.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
130 1,2,3-Trichloropropane	110	12.097	12.097	0.000	83	49833	5.00	5.19	
131 N-Propylbenzene	91	12.133	12.134	-0.001	99	1880150	5.00	5.51	
132 2-Chlorotoluene	126	12.207	12.207	0.000	96	352086	5.00	5.45	
133 1,3,5-Trimethylbenzene	105	12.274	12.274	0.000	93	1284046	5.00	5.30	
134 4-Chlorotoluene	126	12.304	12.304	0.000	98	352330	5.00	5.35	
135 tert-Butylbenzene	134	12.518	12.518	0.000	93	257726	5.00	4.95	
137 1,2,4-Trimethylbenzene	105	12.560	12.560	0.000	98	1281419	5.00	5.19	
138 sec-Butylbenzene	105	12.682	12.682	0.000	95	1633402	5.00	5.41	
139 1,3-Dichlorobenzene	146	12.780	12.780	0.000	97	643546	5.00	5.39	
140 4-Isopropyltoluene	119	12.792	12.792	0.000	97	1339995	5.00	5.13	
* 141 1,4-Dichlorobenzene-d4	152	12.835	12.835	0.000	95	776565	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.853	12.853	0.000	93	642593	5.00	5.25	
143 1,2,3-Trimethylbenzene	120	12.865	12.865	0.000	99	540836	5.00	5.31	
144 Benzyl chloride	126	12.932	12.932	0.000	99	72522	5.00	5.21	
145 p-Diethylbenzene	119	13.066	13.066	0.000	93	804760	5.00	5.20	
146 n-Butylbenzene	92	13.085	13.085	0.000	98	666298	5.00	5.32	
147 1,2-Dichlorobenzene	146	13.115	13.115	0.000	98	566120	5.00	5.38	
148 1,2-Dibromo-3-Chloropropane	155	13.658	13.658	0.000	82	21091	5.00	4.80	
150 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	97	425640	5.00	5.06	
151 1,2,4-Trichlorobenzene	180	14.206	14.206	0.000	94	329522	5.00	5.09	
152 Hexachlorobutadiene	225	14.292	14.292	0.000	97	151604	5.00	5.35	
153 Naphthalene	128	14.383	14.383	0.000	97	530345	5.00	4.92	
154 1,2,3-Trichlorobenzene	180	14.529	14.530	-0.001	95	259872	5.00	4.92	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

MSV_LCS_VOC#1_00251

Amount Added: 5.38

Units: uL

MSV_QC_Gas826_00292

Amount Added: 5.38

Units: uL

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\HD03X62.D

Injection Date: 04-Dec-2025 01:45:30

Instrument ID: 19094

Operator ID: ncc117024

Lims ID: 410-254861-A-6 MSD

Worklist Smp#: 13

Client ID: HD-COD-SW-15-0/1-0 MSD

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

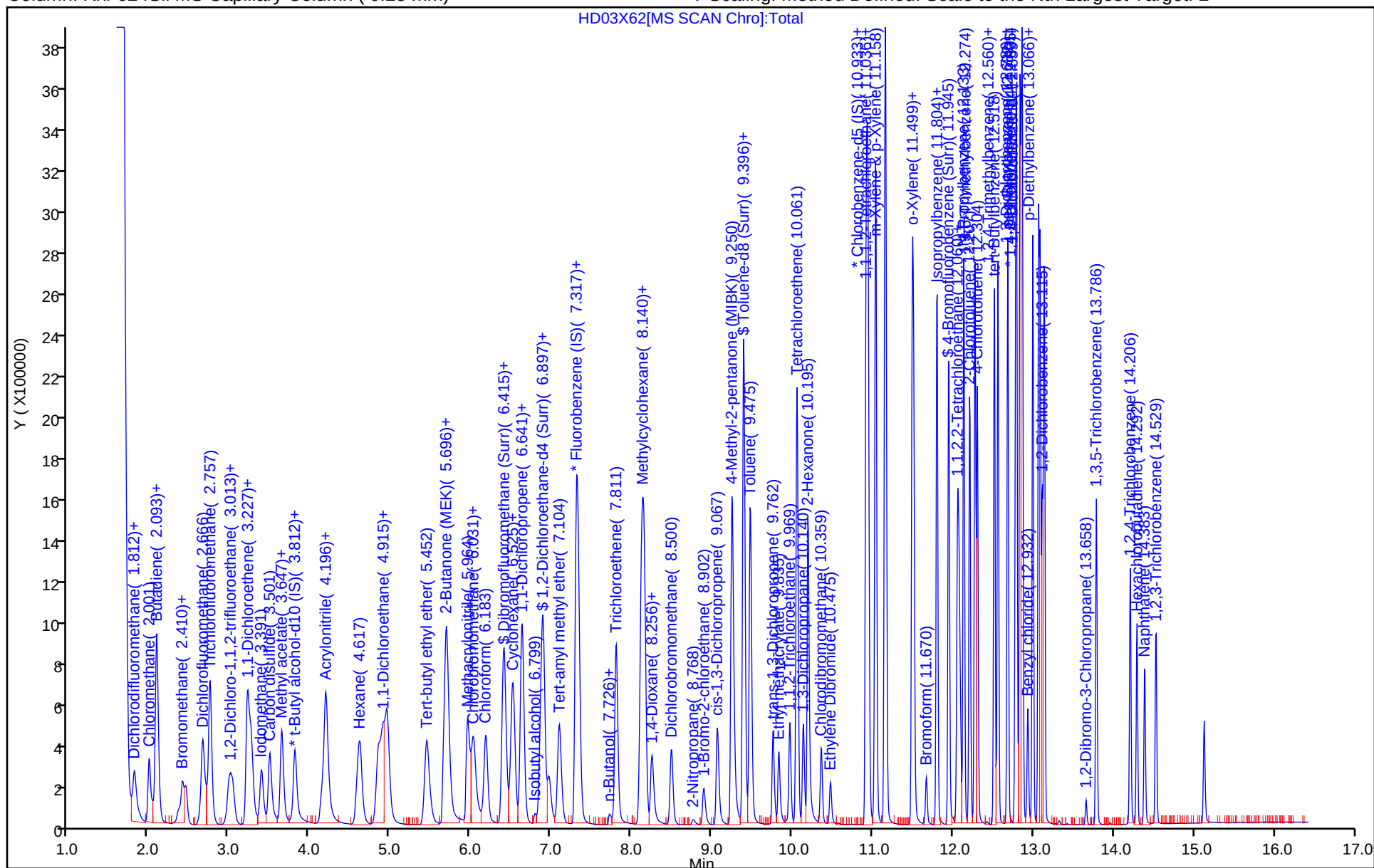
ALS Bottle#: 12

Method: MSV_19094_25mL

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\19094\20251203-168773.b\HD03X62.D
Lims ID: 410-254861-A-6 MSD
Client ID: HD-COD-SW-15-0/1-0 MSD
Sample Type: MSD
Inject. Date: 04-Dec-2025 01:45:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0168773-013
Operator ID: ncc117024 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251203-168773.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Dec-2025 08:45:55 Calib Date: 27-Oct-2025 20:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X20.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: FQ4L

Date: 05-Dec-2025 08:47:23

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	10.2	101.52
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.1	100.78
\$ 82 Toluene-d8 (Surr)	10.0	10.1	101.27
\$ 126 4-Bromofluorobenzene (Surr)	10.0	10.0	100.11

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19930

Start Date: 08/18/2025 15:55

Analysis Batch Number: 686919

End Date: 08/19/2025 00:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-686919/1		08/18/2025 15:55	1	IG18T01.D	R-624Si1MS 30m 0.25 (mm)
IC 410-686919/13		08/18/2025 19:53	1	IG18X12.D	R-624Si1MS 30m 0.25 (mm)
IC 410-686919/27		08/18/2025 20:14	1	IG18X13.D	R-624Si1MS 30m 0.25 (mm)
IC 410-686919/14		08/18/2025 20:34	1	IG18X14.D	R-624Si1MS 30m 0.25 (mm)
IC 410-686919/15		08/18/2025 20:54	1	IG18X15.D	R-624Si1MS 30m 0.25 (mm)
IC 410-686919/16		08/18/2025 21:15	1	IG18X16.D	R-624Si1MS 30m 0.25 (mm)
IC 410-686919/17		08/18/2025 21:35	1	IG18X17.D	R-624Si1MS 30m 0.25 (mm)
IC 410-686919/18		08/18/2025 21:55	1	IG18X18.D	R-624Si1MS 30m 0.25 (mm)
ICIS 410-686919/19		08/18/2025 22:16	1	IG18X19.D	R-624Si1MS 30m 0.25 (mm)
IC 410-686919/20		08/18/2025 22:36	1	IG18X20.D	R-624Si1MS 30m 0.25 (mm)
ICV 410-686919/22		08/18/2025 23:17	1	IG18X22.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		08/19/2025 00:18	1		R-624Si1MS 30m 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19094

Start Date: 10/27/2025 13:47

Analysis Batch Number: 720279

End Date: 10/27/2025 21:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-720279/1		10/27/2025 13:47	1	HC27T01.D	R-624Si1MS 30m 0.25 (mm)
IC 410-720279/3		10/27/2025 14:37	1	HC27X02.D	R-624Si1MS 30m 0.25 (mm)
IC 410-720279/4		10/27/2025 14:57	1	HC27X03.D	R-624Si1MS 30m 0.25 (mm)
IC 410-720279/5		10/27/2025 15:18	1	HC27X04.D	R-624Si1MS 30m 0.25 (mm)
IC 410-720279/6		10/27/2025 15:38	1	HC27X05.D	R-624Si1MS 30m 0.25 (mm)
IC 410-720279/7		10/27/2025 15:59	1	HC27X06.D	R-624Si1MS 30m 0.25 (mm)
IC 410-720279/8		10/27/2025 16:20	1	HC27X07.D	R-624Si1MS 30m 0.25 (mm)
IC 410-720279/9		10/27/2025 16:40	1	HC27X08.D	R-624Si1MS 30m 0.25 (mm)
ICV 410-720279/11		10/27/2025 17:22	1		R-624Si1MS 30m 0.25 (mm)
IC 410-720279/13		10/27/2025 18:03	1	HC27X12.D	R-624Si1MS 30m 0.25 (mm)
IC 410-720279/14		10/27/2025 18:24	1	HC27X13.D	R-624Si1MS 30m 0.25 (mm)
IC 410-720279/15		10/27/2025 18:44	1	HC27X14.D	R-624Si1MS 30m 0.25 (mm)
IC 410-720279/16		10/27/2025 19:05	1	HC27X15.D	R-624Si1MS 30m 0.25 (mm)
IC 410-720279/17		10/27/2025 19:25	1	HC27X16.D	R-624Si1MS 30m 0.25 (mm)
IC 410-720279/18		10/27/2025 19:47	1	HC27X17.D	R-624Si1MS 30m 0.25 (mm)
IC 410-720279/19		10/27/2025 20:07	1	HC27X18.D	R-624Si1MS 30m 0.25 (mm)
ICIS 410-720279/20		10/27/2025 20:28	1	copy_HC27X19.D	R-624Si1MS 30m 0.25 (mm)
IC 410-720279/21		10/27/2025 20:50	1	HC27X20.D	R-624Si1MS 30m 0.25 (mm)
ICV 410-720279/23		10/27/2025 21:31	1	HC27X22.D	R-624Si1MS 30m 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 16334

Start Date: 11/24/2025 21:01

Analysis Batch Number: 734923

End Date: 11/25/2025 05:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-734923/1		11/24/2025 21:01	1	GN24T03.D	R-624Si1MS 30m 0.25 (mm)
IC 410-734923/3		11/24/2025 21:43	1	GN24X02.D	R-624Si1MS 30m 0.25 (mm)
IC 410-734923/4		11/24/2025 22:05	1	GN24X03.D	R-624Si1MS 30m 0.25 (mm)
IC 410-734923/5		11/24/2025 22:27	1	GN24X04.D	R-624Si1MS 30m 0.25 (mm)
IC 410-734923/6		11/24/2025 22:50	1	GN24X05.D	R-624Si1MS 30m 0.25 (mm)
IC 410-734923/7		11/24/2025 23:12	1	GN24X06.D	R-624Si1MS 30m 0.25 (mm)
IC 410-734923/8		11/24/2025 23:34	1	GN24X07.D	R-624Si1MS 30m 0.25 (mm)
IC 410-734923/9		11/24/2025 23:56	1	GN24X08.D	R-624Si1MS 30m 0.25 (mm)
ICV 410-734923/11		11/25/2025 00:40	1		R-624Si1MS 30m 0.25 (mm)
IC 410-734923/13		11/25/2025 01:24	1	GN24X12.D	R-624Si1MS 30m 0.25 (mm)
IC 410-734923/14		11/25/2025 01:46	1	GN24X13.D	R-624Si1MS 30m 0.25 (mm)
IC 410-734923/15		11/25/2025 02:08	1	GN24X14.D	R-624Si1MS 30m 0.25 (mm)
IC 410-734923/16		11/25/2025 02:31	1	GN24X15.D	R-624Si1MS 30m 0.25 (mm)
IC 410-734923/17		11/25/2025 02:53	1	GN24X16.D	R-624Si1MS 30m 0.25 (mm)
IC 410-734923/18		11/25/2025 03:15	1	GN24X17.D	R-624Si1MS 30m 0.25 (mm)
IC 410-734923/19		11/25/2025 03:37	1	GN24X18.D	R-624Si1MS 30m 0.25 (mm)
ICIS 410-734923/20		11/25/2025 03:59	1	GN24X19.D	R-624Si1MS 30m 0.25 (mm)
IC 410-734923/21		11/25/2025 04:21	1	GN24X20.D	R-624Si1MS 30m 0.25 (mm)
ICV 410-734923/23		11/25/2025 05:05	1	GN24X22.D	R-624Si1MS 30m 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19094

Start Date: 12/03/2025 21:40

Analysis Batch Number: 738637

End Date: 12/04/2025 08:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-738637/1		12/03/2025 21:40	1	HD03T51.D	R-624Si1MS 30m 0.25 (mm)
CCVIS 410-738637/3		12/03/2025 22:16	1	HD03X52.D	R-624Si1MS 30m 0.25 (mm)
LCS 410-738637/4		12/03/2025 22:36	1	HD03X53.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		12/03/2025 22:57	1		R-624Si1MS 30m 0.25 (mm)
MB 410-738637/6		12/03/2025 23:18	1	HD03X55.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/03/2025 23:39	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 00:00	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 00:22	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 00:43	1		R-624Si1MS 30m 0.25 (mm)
410-254861-6	HD-COD-SW-15-0/1-0	12/04/2025 01:04	1	HD03X60.D	R-624Si1MS 30m 0.25 (mm)
410-254861-6 MS	HD-COD-SW-15-0/1-0 MS MS	12/04/2025 01:24	1	HD03X61.D	R-624Si1MS 30m 0.25 (mm)
410-254861-6 MSD	HD-COD-SW-15-0/1-0 MSD MSD	12/04/2025 01:45	1	HD03X62.D	R-624Si1MS 30m 0.25 (mm)
410-254861-1	HD-COD-SW-6-0/1-0	12/04/2025 02:06	1	HD03X63.D	R-624Si1MS 30m 0.25 (mm)
410-254861-2	HD-COD-SW-7-0/1-0	12/04/2025 02:26	1	HD03X64.D	R-624Si1MS 30m 0.25 (mm)
410-254861-3	HD-COD-SW-8-0/1-0	12/04/2025 02:47	1	HD03X65.D	R-624Si1MS 30m 0.25 (mm)
410-254861-4	HD-COD-SW-9-0/1-0	12/04/2025 03:08	1	HD03X66.D	R-624Si1MS 30m 0.25 (mm)
410-254861-5	HD-COD-SW-13-0/1-0	12/04/2025 03:29	1	HD03X67.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 03:50	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 04:10	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 04:31	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 04:52	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 05:12	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 05:33	10		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 05:54	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 06:14	10		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 06:35	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 06:56	10		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 07:17	5		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 07:38	50		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 07:59	5		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 08:20	50		R-624Si1MS 30m 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 16334

Start Date: 12/03/2025 21:26

Analysis Batch Number: 738640

End Date: 12/04/2025 07:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-738640/1		12/03/2025 21:26	1	GD03T01.D	R-624Si1MS 30m 0.25 (mm)
CCVIS 410-738640/3		12/03/2025 22:14	1	GD03X02.D	R-624Si1MS 30m 0.25 (mm)
LCS 410-738640/4		12/03/2025 22:36	1	GD03X03.D	R-624Si1MS 30m 0.25 (mm)
LCSD 410-738640/5		12/03/2025 22:58	1	GD03X04.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		12/03/2025 23:20	1		R-624Si1MS 30m 0.25 (mm)
MB 410-738640/7		12/03/2025 23:42	1	GD03X06.D	R-624Si1MS 30m 0.25 (mm)
410-254861-14	HD0QC1-0/1-2	12/04/2025 00:04	1	GD03X07.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 00:26	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 00:48	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 01:10	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 01:33	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 01:55	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 02:17	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 02:39	1		R-624Si1MS 30m 0.25 (mm)
410-254861-7	HD-COD-SW-16-0/1-0	12/04/2025 03:01	1	GD03X15.D	R-624Si1MS 30m 0.25 (mm)
410-254861-8	HD-COD-SW-17-0/1-0	12/04/2025 03:23	1	GD03X16.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 03:45	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 04:07	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 04:29	1		R-624Si1MS 30m 0.25 (mm)
410-254861-12	HD-COD-SW-29-0/1-0	12/04/2025 04:51	1	GD03X20.D	R-624Si1MS 30m 0.25 (mm)
410-254861-13	HD0QC1-0/1-1	12/04/2025 05:13	1	GD03X21.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 05:35	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 05:57	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 06:20	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 06:42	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 07:04	10		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 07:26	5		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 07:48	50		R-624Si1MS 30m 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 19930

Start Date: 12/04/2025 09:07

Analysis Batch Number: 738847

End Date: 12/04/2025 20:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-738847/1		12/04/2025 09:07	1	ID04T01.D	R-624Si1MS 30m 0.25 (mm)
CCVIS 410-738847/3		12/04/2025 09:43	1	ID04X02.D	R-624Si1MS 30m 0.25 (mm)
CCV 410-738847/4		12/04/2025 10:04	1		R-624Si1MS 30m 0.25 (mm)
LCS 410-738847/6		12/04/2025 10:46	1	ID04X05.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		12/04/2025 11:49	1		R-624Si1MS 30m 0.25 (mm)
MB 410-738847/10		12/04/2025 12:10	1	ID04X09.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		12/04/2025 12:31	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		12/04/2025 12:52	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		12/04/2025 13:13	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 13:34	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 13:55	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 14:16	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 14:37	1		R-624Si1MS 30m 0.25 (mm)
410-254861-9	HD-COD-SW-26-0/1-0	12/04/2025 14:58	1	ID04X17.D	R-624Si1MS 30m 0.25 (mm)
410-254861-10	HD-COD-SW-27-0/1-0	12/04/2025 15:19	1	ID04X18.D	R-624Si1MS 30m 0.25 (mm)
410-254861-11	HD-COD-SW-28-0/1-0	12/04/2025 15:40	1	ID04X19.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 16:01	10		R-624Si1MS 30m 0.25 (mm)
410-254861-8 DL	HD-COD-SW-17-0/1-0 DL	12/04/2025 16:22	20	ID04X21.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 16:43	20		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		12/04/2025 17:04	20		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		12/04/2025 17:26	20		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 17:46	200		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 18:07	5		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 18:28	50		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 18:50	5		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 19:11	50		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 19:32	200		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 19:53	2000		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 20:14	20		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/04/2025 20:35	200		R-624Si1MS 30m 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-254861-1

SDG No.:

Instrument ID: 16334

Start Date: 12/05/2025 09:27

Analysis Batch Number: 739507

End Date: 12/05/2025 20:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-739507/1		12/05/2025 09:27	1	GD05T01.D	R-624Si1MS 30m 0.25 (mm)
CCVIS 410-739507/3		12/05/2025 10:04	1	GD05X02.D	R-624Si1MS 30m 0.25 (mm)
CCV 410-739507/4		12/05/2025 10:26	1		R-624Si1MS 30m 0.25 (mm)
LCS 410-739507/5		12/05/2025 10:48	1	GD05X04.D	R-624Si1MS 30m 0.25 (mm)
LCSD 410-739507/6		12/05/2025 11:11	1	GD05X05.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		12/05/2025 11:33	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		12/05/2025 11:55	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		12/05/2025 12:17	1		R-624Si1MS 30m 0.25 (mm)
MB 410-739507/10		12/05/2025 12:39	1	GD05X09.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		12/05/2025 13:25	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		12/05/2025 13:47	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/05/2025 14:09	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/05/2025 14:31	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/05/2025 14:53	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/05/2025 15:15	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/05/2025 15:37	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/05/2025 15:59	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/05/2025 16:21	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/05/2025 16:43	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/05/2025 17:05	10		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/05/2025 17:27	50		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/05/2025 17:49	200		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/05/2025 18:12	50		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/05/2025 18:34	500		R-624Si1MS 30m 0.25 (mm)
410-254861-13 DL	HD0QC1-0/1-1 DL	12/05/2025 18:56	10	GD05X26.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/05/2025 19:18	100		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/05/2025 19:40	1000		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		12/05/2025 20:02	5		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		12/05/2025 20:24	5		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		12/05/2025 20:46	5		R-624Si1MS 30m 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1

SDG No.: _____

Batch Number: 686919 Batch Start Date: 08/18/25 15:55 Batch Analyst: Ressler, EricBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	LCS_ETBR 00010	MSV_LCS_ACROL 00241	MSV_LCS_EE 00012
BFB 410-686919/1		8260D			1 uL	1 uL				
IC 410-686919/13		8260D			25 mL	25 mL	2810			
IC 410-686919/14		8260D			25 mL	25 mL	2810			
IC 410-686919/15		8260D			25 mL	25 mL	2810			
IC 410-686919/16		8260D			25 mL	25 mL	2810			
IC 410-686919/17		8260D			25 mL	25 mL	2810			
IC 410-686919/18		8260D			25 mL	25 mL	2810			
ICIS 410-686919/19		8260D			25 mL	25 mL	2810			
IC 410-686919/20		8260D			25 mL	25 mL	2810			
ICV 410-686919/22		8260D			25 mL	25 mL	2810	12.5 uL	12.5 uL	12.5 uL
IC 410-686919/27		8260D			25 mL	25 mL	2810			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_Penta 00060	MSV_LCS_VOC#1 00234	MSV_LL_#1_826 00174	MSV_LL_#2_826 00189	MSV_LL_GAS826 00285	MSV_LLcentISS 00018
BFB 410-686919/1		8260D								
IC 410-686919/13		8260D					0.4 uL	0.4 uL	0.4 uL	5 uL
IC 410-686919/14		8260D					2 uL	2 uL	2 uL	5 uL
IC 410-686919/15		8260D					2 uL	2 uL	2 uL	5 uL
IC 410-686919/16		8260D					2 uL	2 uL	2 uL	5 uL
IC 410-686919/17		8260D					2 uL	2 uL	2 uL	5 uL
IC 410-686919/18		8260D					5 uL	5 uL	5 uL	5 uL
ICIS 410-686919/19		8260D					10 uL	10 uL	10 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.

8260D

Page 1 of 2

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1

SDG No.: _____

Batch Number: 686919 Batch Start Date: 08/18/25 15:55 Batch Analyst: Ressler, EricBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_Penta 00060	MSV_LCS_VOC#1 00234	MSV_LL_#1_826 00174	MSV_LL_#2_826 00189	MSV_LL_GAS826 00285	MSV_LLcentISS 00018
IC 410-686919/20		8260D					25 uL	25 uL	25 uL	5 uL
ICV 410-686919/22		8260D			12.5 uL	12.5 uL				5 uL
IC 410-686919/27		8260D					1.2 uL	1.2 uL	1.2 uL	5 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_QC_Gas826 00275	MSV_V_BFB 00019				
BFB 410-686919/1		8260D				1 uL				
IC 410-686919/13		8260D								
IC 410-686919/14		8260D								
IC 410-686919/15		8260D								
IC 410-686919/16		8260D								
IC 410-686919/17		8260D								
IC 410-686919/18		8260D								
ICIS 410-686919/19		8260D								
IC 410-686919/20		8260D								
ICV 410-686919/22		8260D			12.5 uL					
IC 410-686919/27		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.

8260D

Page 2 of 2

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1

SDG No.: _____

Batch Number: 720279 Batch Start Date: 10/27/25 13:47 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	LCS_ETBR 00010	MSV_CCV_CYC 00012	MSV_CCV_V5ACE 00055
BFB 410-720279/1		8260D			1 uL	1 uL				
IC 410-720279/3		8260D			25 mL	25 mL	2816		1.6 uL	0.2 uL
IC 410-720279/4		8260D			25 mL	25 mL	2816		4 uL	0.5 uL
IC 410-720279/5		8260D			25 mL	25 mL	2816		8 uL	1 uL
IC 410-720279/6		8260D			25 mL	25 mL	2816		8 uL	1 uL
IC 410-720279/7		8260D			25 mL	25 mL	2816		8 uL	1 uL
IC 410-720279/8		8260D			25 mL	25 mL	2816		8 uL	1 uL
IC 410-720279/9		8260D			25 mL	25 mL	2816		20 uL	2.5 uL
IC 410-720279/13		8260D			25 mL	25 mL	2816			
IC 410-720279/14		8260D			25 mL	25 mL	2816			
IC 410-720279/15		8260D			25 mL	25 mL	2816			
IC 410-720279/16		8260D			25 mL	25 mL	2816			
IC 410-720279/17		8260D			25 mL	25 mL	2816			
IC 410-720279/18		8260D			25 mL	25 mL	2816			
IC 410-720279/19		8260D			25 mL	25 mL	2816			
ICIS 410-720279/20		8260D			25 mL	25 mL	2816			
IC 410-720279/21		8260D			25 mL	25 mL	2816			
ICV 410-720279/23		8260D			25 mL	25 mL	2816	12.5 uL		

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_DME 00070	MSV_LCS_ACROL 00251	MSV_LCS_EE 00011	MSV_LCS_Penta 00062	MSV_LCS_VOC#1 00246	MSV_LL_#1_826 00182
BFB 410-720279/1		8260D								
IC 410-720279/3		8260D			0.2 uL					
IC 410-720279/4		8260D			0.5 uL					
IC 410-720279/5		8260D			1 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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1

SDG No.: _____

Batch Number: 720279 Batch Start Date: 10/27/25 13:47 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_DME 00070	MSV_LCS_ACROL 00251	MSV_LCS_EE 00011	MSV_LCS_Penta 00062	MSV_LCS_VOC#1 00246	MSV_LL #1_826 00182
IC 410-720279/6		8260D			1 uL					
IC 410-720279/7		8260D			1 uL					
IC 410-720279/8		8260D			1 uL					
IC 410-720279/9		8260D			2.5 uL					
IC 410-720279/13		8260D								0.4 uL
IC 410-720279/14		8260D								1.2 uL
IC 410-720279/15		8260D								2 uL
IC 410-720279/16		8260D								2 uL
IC 410-720279/17		8260D								2 uL
IC 410-720279/18		8260D								2 uL
IC 410-720279/19		8260D								5 uL
ICIS 410-720279/20		8260D								10 uL
IC 410-720279/21		8260D								25 uL
ICV 410-720279/23		8260D				12.5 uL	12.5 uL	12.5 uL	12.5 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LL #2_826 00196	MSV_LL GAS826 00295	MSV_LLcentISO 00012	MSV_LLcentISS 00019	MSV_QC_Gas826 00285	MSV_V_BFB 00019
BFB 410-720279/1		8260D								1 uL
IC 410-720279/3		8260D					5 uL			
IC 410-720279/4		8260D					5 uL			
IC 410-720279/5		8260D					5 uL			
IC 410-720279/6		8260D					5 uL			
IC 410-720279/7		8260D					5 uL			
IC 410-720279/8		8260D					5 uL			
IC 410-720279/9		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.: 410-254861-1

SDG No.: _____

Batch Number: 720279 Batch Start Date: 10/27/25 13:47 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LL_#2_826 00196	MSV_LL_GAS826 00295	MSV_LLcentISO 00012	MSV_LLcentISS 00019	MSV_QC_Gas826 00285	MSV_V_BFB 00019
IC 410-720279/13		8260D			0.4 uL	0.4 uL		5 uL		
IC 410-720279/14		8260D			1.2 uL	1.2 uL		5 uL		
IC 410-720279/15		8260D			2 uL	2 uL		5 uL		
IC 410-720279/16		8260D			2 uL	2 uL		5 uL		
IC 410-720279/17		8260D			2 uL	2 uL		5 uL		
IC 410-720279/18		8260D			2 uL	2 uL		5 uL		
IC 410-720279/19		8260D			5 uL	5 uL		5 uL		
ICIS 410-720279/20		8260D			10 uL	10 uL		5 uL		
IC 410-720279/21		8260D			25 uL	25 uL		5 uL		
ICV 410-720279/23		8260D						5 uL	12.5 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_SMRV4 00094					
BFB 410-720279/1		8260D								
IC 410-720279/3		8260D			1 uL					
IC 410-720279/4		8260D			2.5 uL					
IC 410-720279/5		8260D			5 uL					
IC 410-720279/6		8260D			5 uL					
IC 410-720279/7		8260D			5 uL					
IC 410-720279/8		8260D			5 uL					
IC 410-720279/9		8260D			12.5 uL					
IC 410-720279/13		8260D								
IC 410-720279/14		8260D								
IC 410-720279/15		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.: 410-254861-1

SDG No.: _____

Batch Number: 720279 Batch Start Date: 10/27/25 13:47 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_SMRV4 00094					
IC 410-720279/16		8260D								
IC 410-720279/17		8260D								
IC 410-720279/18		8260D								
IC 410-720279/19		8260D								
ICIS 410-720279/20		8260D								
IC 410-720279/21		8260D								
ICV 410-720279/23		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.: 410-254861-1

SDG No.: _____

Batch Number: 734923 Batch Start Date: 11/24/25 21:01 Batch Analyst: Walmer, GavinBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	LCS_ETBR 00011	MSV_29_826ISO 00014	MSV_29_826ISS 00063
BFB 410-734923/1		8260D			1 uL	1 uL				
IC 410-734923/3		8260D			25 mL	25 mL	2820		1 uL	
IC 410-734923/4		8260D			25 mL	25 mL	2820		1 uL	
IC 410-734923/5		8260D			25 mL	25 mL	2820		1 uL	
IC 410-734923/6		8260D			25 mL	25 mL	2820		1 uL	
IC 410-734923/7		8260D			25 mL	25 mL	2820		1 uL	
IC 410-734923/8		8260D			25 mL	25 mL	2820		1 uL	
IC 410-734923/9		8260D			25 mL	25 mL	2820		1 uL	
IC 410-734923/13		8260D			25 mL	25 mL	2820			1.199 uL
IC 410-734923/14		8260D			25 mL	25 mL	2820			1.199 uL
IC 410-734923/15		8260D			25 mL	25 mL	2820			1.199 uL
IC 410-734923/16		8260D			25 mL	25 mL	2820			1.199 uL
IC 410-734923/17		8260D			25 mL	25 mL	2820			1.199 uL
IC 410-734923/18		8260D			25 mL	25 mL	2820			1.199 uL
IC 410-734923/19		8260D			25 mL	25 mL	2820			1.199 uL
ICIS 410-734923/20		8260D			25 mL	25 mL	2820			1.199 uL
IC 410-734923/21		8260D			25 mL	25 mL	2820			1.199 uL
ICV 410-734923/23		8260D			25 mL	25 mL	2820	12.5 uL		1.199 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_CYC 00012	MSV_CCV_SIM 00094	MSV_CCV_V5ACE 00056	MSV_DME 00066	MSV_LCS_ACROL 00255	MSV_LCS_EE 00014
BFB 410-734923/1		8260D								
IC 410-734923/3		8260D			1.6 uL		0.2 uL	0.2 uL		
IC 410-734923/4		8260D			4 uL		0.5 uL	0.5 uL		
IC 410-734923/5		8260D			8 uL		1 uL	1 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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1

SDG No.: _____

Batch Number: 734923 Batch Start Date: 11/24/25 21:01 Batch Analyst: Walmer, GavinBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_CYC 00012	MSV_CCV_SIM 00094	MSV_CCV_V5ACE 00056	MSV_DME 00066	MSV_LCS_ACROL 00255	MSV_LCS_EE 00014
IC 410-734923/6		8260D			8 uL		1 uL	1 uL		
IC 410-734923/7		8260D			8 uL		1 uL	1 uL		
IC 410-734923/8		8260D			8 uL		1 uL	1 uL		
IC 410-734923/9		8260D			20 uL		2.5 uL	2.5 uL		
IC 410-734923/13		8260D				1 uL				
IC 410-734923/14		8260D				3 uL				
IC 410-734923/15		8260D								
IC 410-734923/16		8260D								
IC 410-734923/17		8260D								
IC 410-734923/18		8260D								
IC 410-734923/19		8260D								
ICIS 410-734923/20		8260D								
IC 410-734923/21		8260D								
ICV 410-734923/23		8260D							12.5 uL	12.5 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_Penta 00063	MSV_LCS_VOC#1 00250	MSV_LL_#1_826 00185	MSV_LL_#2_826 00200	MSV_LL_GAS826 00299	MSV_QC_Gas826 00289
BFB 410-734923/1		8260D								
IC 410-734923/3		8260D								
IC 410-734923/4		8260D								
IC 410-734923/5		8260D								
IC 410-734923/6		8260D								
IC 410-734923/7		8260D								
IC 410-734923/8		8260D								
IC 410-734923/9		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.: 410-254861-1

SDG No.: _____

Batch Number: 734923 Batch Start Date: 11/24/25 21:01 Batch Analyst: Walmer, GavinBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_Penta 00063	MSV_LCS_VOC#1 00250	MSV_LL_#1_826 00185	MSV_LL_#2_826 00200	MSV_LL_GAS826 00299	MSV_QC_Gas826 00289
IC 410-734923/13		8260D								
IC 410-734923/14		8260D								
IC 410-734923/15		8260D					2 uL	2 uL	2 uL	
IC 410-734923/16		8260D					2 uL	2 uL	2 uL	
IC 410-734923/17		8260D					2 uL	2 uL	2 uL	
IC 410-734923/18		8260D					2 uL	2 uL	2 uL	
IC 410-734923/19		8260D					5 uL	5 uL	5 uL	
ICIS 410-734923/20		8260D					10 uL	10 uL	10 uL	
IC 410-734923/21		8260D					25 uL	25 uL	25 uL	
ICV 410-734923/23		8260D			12.5 uL	12.5 uL				12.5 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 00021	MSV_V_SMRV4 00095				
BFB 410-734923/1		8260D			1 uL					
IC 410-734923/3		8260D				1 uL				
IC 410-734923/4		8260D				2.5 uL				
IC 410-734923/5		8260D				5 uL				
IC 410-734923/6		8260D				5 uL				
IC 410-734923/7		8260D				5 uL				
IC 410-734923/8		8260D				5 uL				
IC 410-734923/9		8260D				12.5 uL				
IC 410-734923/13		8260D								
IC 410-734923/14		8260D								
IC 410-734923/15		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.: 410-254861-1

SDG No.: _____

Batch Number: 734923 Batch Start Date: 11/24/25 21:01 Batch Analyst: Walmer, GavinBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 00021	MSV_V_SMRV4 00095				
IC 410-734923/16		8260D								
IC 410-734923/17		8260D								
IC 410-734923/18		8260D								
IC 410-734923/19		8260D								
ICIS 410-734923/20		8260D								
IC 410-734923/21		8260D								
ICV 410-734923/23		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.

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1

SDG No.: _____

Batch Number: 738637 Batch Start Date: 12/03/25 21:40 Batch Analyst: Carson, NicholasBatch 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 410-738637/1		8260D			1 uL	1 uL				
CCVIS 410-738637/3		8260D			25 mL	25 mL				2820
LCS 410-738637/4		8260D			25 mL	25 mL				2820
MB 410-738637/6		8260D			25 mL	25 mL				2820
410-254861-A-6	HD-COD-SW-15-0/ 1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-254861-A-6 MS	HD-COD-SW-15-0/ 1-0 MS	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-254861-A-6 MSD	HD-COD-SW-15-0/ 1-0 MSD	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-254861-A-1	HD-COD-SW-6-0/1 -0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-254861-A-2	HD-COD-SW-7-0/1 -0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-254861-A-3	HD-COD-SW-8-0/1 -0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-254861-A-4	HD-COD-SW-9-0/1 -0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-254861-A-5	HD-COD-SW-13-0/ 1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_VOC#1 00251	MSV_LL_#1_826 00185	MSV_LL_#2_826 00201	MSV_LL_GAS826 00300	MSV_LLcentISS 00018	MSV_QC_Gas826 00292
BFB 410-738637/1		8260D								
CCVIS 410-738637/3		8260D				20 uL	20 uL	20 uL	5 uL	
LCS 410-738637/4		8260D			12.5 uL				5 uL	12.5 uL
MB 410-738637/6		8260D							5 uL	
410-254861-A-6	HD-COD-SW-15-0/ 1-0	8260D	Water	T					5 uL	
410-254861-A-6 MS	HD-COD-SW-15-0/ 1-0 MS	8260D	Water	T	5.38 uL				5 uL	5.38 uL
410-254861-A-6 MSD	HD-COD-SW-15-0/ 1-0 MSD	8260D	Water	T	5.38 uL				5 uL	5.38 uL
410-254861-A-1	HD-COD-SW-6-0/1 -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.: 410-254861-1

SDG No.: _____

Batch Number: 738637 Batch Start Date: 12/03/25 21:40 Batch Analyst: Carson, NicholasBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_VOC#1 00251	MSV_LL_#1_826 00185	MSV_LL_#2_826 00201	MSV_LL_GAS826 00300	MSV_LLcentISS 00018	MSV_QC_Gas826 00292
410-254861-A-2	HD-COD-SW-7-0/1-0	8260D	Water	T					5 uL	
410-254861-A-3	HD-COD-SW-8-0/1-0	8260D	Water	T					5 uL	
410-254861-A-4	HD-COD-SW-9-0/1-0	8260D	Water	T					5 uL	
410-254861-A-5	HD-COD-SW-13-0/1-0	8260D	Water	T					5 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 00021					
BFB		8260D			1 uL					
410-738637/1										
CCVIS		8260D								
410-738637/3										
LCS		8260D								
410-738637/4										
MB 410-738637/6		8260D								
410-254861-A-6	HD-COD-SW-15-0/1-0	8260D	Water	T						
410-254861-A-6	HD-COD-SW-15-0/1-0 MS	8260D	Water	T						
410-254861-A-6	HD-COD-SW-15-0/1-0 MSD	8260D	Water	T						
410-254861-A-1	HD-COD-SW-6-0/1-0	8260D	Water	T						
410-254861-A-2	HD-COD-SW-7-0/1-0	8260D	Water	T						
410-254861-A-3	HD-COD-SW-8-0/1-0	8260D	Water	T						
410-254861-A-4	HD-COD-SW-9-0/1-0	8260D	Water	T						
410-254861-A-5	HD-COD-SW-13-0/1-0	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.

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1

SDG No.: _____

Batch Number: 738637 Batch Start Date: 12/03/25 21:40 Batch Analyst: Carson, NicholasBatch 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.: 410-254861-1

SDG No.: _____

Batch Number: 738640 Batch Start Date: 12/03/25 21:26 Batch Analyst: Carson, NicholasBatch 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 410-738640/1		8260D			1 uL	1 uL				
CCVIS 410-738640/3		8260D			25 mL	25 mL				2820
LCS 410-738640/4		8260D			25 mL	25 mL				2820
LCSD 410-738640/5		8260D			25 mL	25 mL				2820
MB 410-738640/7		8260D			25 mL	25 mL				2820
410-254861-A-14	HD0QC1-0/1-2	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-254861-A-7	HD-COD-SW-16-0/ 1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-254861-A-8	HD-COD-SW-17-0/ 1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-254861-A-12	HD-COD-SW-29-0/ 1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-254861-A-13	HD0QC1-0/1-1	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_29_826ISS 00066	MSV_LCS_VOC#1 00251	MSV_LL_#1_826 00185	MSV_LL_#2_826 00201	MSV_LL_GAS826 00300	MSV_QC_Gas826 00292
BFB 410-738640/1		8260D								
CCVIS 410-738640/3		8260D			1.199 uL		20 uL	20 uL	20 uL	
LCS 410-738640/4		8260D			1.199 uL	12.5 uL				12.5 uL
LCSD 410-738640/5		8260D			1.199 uL	12.5 uL				12.5 uL
MB 410-738640/7		8260D			1.199 uL					
410-254861-A-14	HD0QC1-0/1-2	8260D	Water	T	1.199 uL					
410-254861-A-7	HD-COD-SW-16-0/ 1-0	8260D	Water	T	1.199 uL					
410-254861-A-8	HD-COD-SW-17-0/ 1-0	8260D	Water	T	1.199 uL					
410-254861-A-12	HD-COD-SW-29-0/ 1-0	8260D	Water	T	1.199 uL					
410-254861-A-13	HD0QC1-0/1-1	8260D	Water	T	1.199 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.: 410-254861-1

SDG No.: _____

Batch Number: 738640 Batch Start Date: 12/03/25 21:26 Batch Analyst: Carson, NicholasBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 00021					
BFB 410-738640/1		8260D			1 uL					
CCVIS 410-738640/3		8260D								
LCS 410-738640/4		8260D								
LCSD 410-738640/5		8260D								
MB 410-738640/7		8260D								
410-254861-A-14	HD0QC1-0/1-2	8260D	Water	T						
410-254861-A-7	HD-COD-SW-16-0/ 1-0	8260D	Water	T						
410-254861-A-8	HD-COD-SW-17-0/ 1-0	8260D	Water	T						
410-254861-A-12	HD-COD-SW-29-0/ 1-0	8260D	Water	T						
410-254861-A-13	HD0QC1-0/1-1	8260D	Water	T						

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.: 410-254861-1

SDG No.: _____

Batch Number: 738847 Batch Start Date: 12/04/25 09:07 Batch Analyst: Ressler, EricBatch 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 410-738847/1		8260D			1 uL	1 uL				
CCVIS 410-738847/3		8260D			25 mL	25 mL				2820
LCS 410-738847/6		8260D			25 mL	25 mL				2820
MB 410-738847/10		8260D			25 mL	25 mL				2820
410-254861-B-9	HD-COD-SW-26-0/ 1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-254861-B-10	HD-COD-SW-27-0/ 1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-254861-B-11	HD-COD-SW-28-0/ 1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-254861-B-8	HD-COD-SW-17-0/ 1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	2820

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00256	MSV_LCS_VOC#1 00251	MSV_LL_#1_826 00185	MSV_LL_#2_826 00201	MSV_LL_GAS826 00300	MSV_LLcentISS 00019
BFB 410-738847/1		8260D								
CCVIS 410-738847/3		8260D					20 uL	20 uL	20 uL	5 uL
LCS 410-738847/6		8260D			12.5 uL	12.5 uL				5 uL
MB 410-738847/10		8260D								5 uL
410-254861-B-9	HD-COD-SW-26-0/ 1-0	8260D	Water	T						5 uL
410-254861-B-10	HD-COD-SW-27-0/ 1-0	8260D	Water	T						5 uL
410-254861-B-11	HD-COD-SW-28-0/ 1-0	8260D	Water	T						5 uL
410-254861-B-8	HD-COD-SW-17-0/ 1-0	8260D	Water	T						5 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_QC_Gas826 00292	MSV_V_BFB 00021				
BFB 410-738847/1		8260D				1 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.: 410-254861-1

SDG No.: _____

Batch Number: 738847 Batch Start Date: 12/04/25 09:07 Batch Analyst: Ressler, EricBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_QC_Gas826 00292	MSV_V_BFB 00021				
CCVIS 410-738847/3		8260D								
LCS 410-738847/6		8260D			12.5 uL					
MB 410-738847/10		8260D								
410-254861-B-9	HD-COD-SW-26-0/ 1-0	8260D	Water	T						
410-254861-B-10	HD-COD-SW-27-0/ 1-0	8260D	Water	T						
410-254861-B-11	HD-COD-SW-28-0/ 1-0	8260D	Water	T						
410-254861-B-8	HD-COD-SW-17-0/ 1-0	8260D	Water	T						

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.: 410-254861-1

SDG No.: _____

Batch Number: 739507 Batch Start Date: 12/05/25 09:27 Batch Analyst: Ressler, EricBatch 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 410-739507/1		8260D			1 uL	1 uL				
CCVIS 410-739507/3		8260D			25 mL	25 mL				2820
LCS 410-739507/5		8260D			25 mL	25 mL				2820
LCSD 410-739507/6		8260D			25 mL	25 mL				2820
MB 410-739507/10		8260D			25 mL	25 mL				2820
410-254861-B-13	HD0QC1-0/1-1	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	2820

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_29_826ISS 00069	MSV_LCS_ACROL 00256	MSV_LCS_EE 00014	MSV_LCS_VOC#1 00251	MSV_LL_#1_826 00185	MSV_LL_#2_826 00201
BFB 410-739507/1		8260D								
CCVIS 410-739507/3		8260D			1.199 uL				20 uL	20 uL
LCS 410-739507/5		8260D			1.199 uL	12.5 uL	12.5 uL	12.5 uL		
LCSD 410-739507/6		8260D			1.199 uL	12.5 uL	12.5 uL	12.5 uL		
MB 410-739507/10		8260D			1.199 uL					
410-254861-B-13	HD0QC1-0/1-1	8260D	Water	T	1.199 uL					

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LL_GAS826 00300	MSV_QC_Gas826 00292	MSV_V_BFB 00021			
BFB 410-739507/1		8260D					1 uL			
CCVIS 410-739507/3		8260D			20 uL					
LCS 410-739507/5		8260D				12.5 uL				
LCSD 410-739507/6		8260D				12.5 uL				
MB 410-739507/10		8260D								
410-254861-B-13	HD0QC1-0/1-1	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

Page 1 of 2

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-254861-1

SDG No.: _____

Batch Number: 739507 Batch Start Date: 12/05/25 09:27 Batch Analyst: Ressler, EricBatch 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

Environmental Analysis Request



Lancaster Laboratories
Environmental

Acct. # _____ Group # _____ Sample # _____ 410-254861 Chain of Custody

Client: Groundwater Sciences Corporation				Matrix			Analyses Requested										For Lab Use Only				
Project Name/ID: YNOP Monthly Surface Water		Site ID #: YNOP, York PA		☐ Tissue			Preservation Codes										SF #: _____				
Project Manager: Chris O'Neil		P.O. #: GSC.0100125300		☐ Ground													SCR #: _____				
Sampler: Casey Littlefield / Lucas Grimm		PWSID #: N/A		☐ Surface																	
Phone #: (717) 901-8176 / (717) 756-1246		Quote #: _____		☐ NPDES																	
State where samples were collected: York, PA		For Compliance: Yes ☐ No ☒		☐ Other:																	
Sample Identification		Collection		Grab	Composite	Soil	Water	Total # of Containers	Aqueous VOCs via 8260D (low level - 25 ml purge)										Preservation Codes		
		Date	Time																		
HD-COD-SW-6-0/1-0		11/24/25	1050	X			X	3	X											H = HCl T = Thiosulfate	
HD-COD-SW-7-0/1-0			1133	X			X	3	X											N = HNO ₃ B = NaOH	
HD-COD-SW-8-0/1-0			0940	X			X	3	X											S = H ₂ SO ₄ P = H ₃ PO ₄	
HD-COD-SW-9-0/1-0			1258	X			X	3	X											O = Other	
HD-COD-SW-13-0/1-0			0957	X			X	3	X											Remarks	
HD-COD-SW-15-0/1-0			1200	X			X	3	X											All samples	
HD-COD-SW-15-0/1-0 MS			1200	X			X	3	X											preserved on ice	
HD-COD-SW-15-0/1-0 MSD			1200	X			X	3	X												
HD-COD-SW-16-0/1-0			1020	X			X	3	X												
HD-COD-SW-17-0/1-0			1032	X			X	3	X												
Turnaround Time Requested (TAT) (please check): Standard ☒ Rush ☐ (Rush TAT is subject to laboratory approval and surcharges.)				Relinquished by: _____		Date: 11/25/25		Time: 1113		Received by: <i>MA</i>		Date: 11/25/25		Time: 1115							
Date results are needed: STANDARD				Relinquished by: _____		Date: 11/25/25		Time: 1800		Received by: _____		Date: _____		Time: _____							
Rush results requested by (please check): E-Mail ☐ Phone ☐				Relinquished by: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____							
E-mail Address: ON-FILE				Relinquished by: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____							
Phone: _____				Relinquished by: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____							
Data Package Options (please check if required)				Relinquished by: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____							
Type I (Validation/non-CLP) ☐ MA MCP ☐				Relinquished by: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____							
Type III (Reduced non-CLP) ☐ CT RCP ☐				Relinquished by: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____							
Type VI (Raw Data Only) ☐ TX TRRP-13 ☐				Relinquished by: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____							
NJ DKQP ☐ NYSDEC Category ☐ A or ☐ B				Relinquished by: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____							
CLP Like Deliverables, Project Specific Analyte List				Relinquished by Commercial Carrier: _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____							
EDD Required? Yes ☒ No ☐ If yes, format: _____				UPS _____ FedEx _____ Other _____		Date: _____		Time: _____		Received by: _____		Date: _____		Time: _____							



**Lancaster Laboratories
Environmental**

Acct. # _____ Group # _____ Sample # _____

Environmental Analysis Request/Chain of Custody

[illegible]

Login Sample Receipt Checklist

Client: Verdantas

Job Number: 410-254861-1

Login Number: 254861

List Number: 1

Creator: Arroyo, Haley

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
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	