



ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/31/2025

JOB DESCRIPTION

fYNOP Monthly Surface Water

JOB NUMBER

410-249042-1

Eurofins Lancaster Laboratories Environment Testing, LLC

Job Notes

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

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

Authorization



Generated
10/31/2025

Authorized for release by
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Table of Contents

Cover Page	1
Data Summaries	4
Definitions	4
Case Narrative	5
Detection Summary	6
Client Sample Results	9
Default Detection Limits	23
Surrogate Summary	24
QC Sample Results	25
QC Association	29
Chronicle	30
Certification Summary	32
Method Summary	33
Sample Summary	34
Manual Integration Summary	35
Reagent Traceability	45
COAs	58
Organic Sample Data	80
GC/MS VOA	80
Method 8260D Low Level	80
Method 8260D Low Level QC Summary	81
Method 8260D Low Level Sample Data	92
Standards Data	253
Method 8260D Low Level ICAL Data	253
Method 8260D Low Level CCAL Data	573
Raw QC Data	594
Method 8260D Low Level Tune Data	594
Method 8260D Low Level Blank Data	602
Method 8260D Low Level LCS/LCSD Data	610
Method 8260D Low Level MS/MSD Data	617
Method 8260D Low Level Run Logs	631
Method 8260D Low Level Prep Data	633
Shipping and Receiving Documents	641
Client Chain of Custody	642
Sample Receipt Checklist	644

Definitions/Glossary

Client: Verdantas

Job ID: 410-249042-1

Project/Site: fYNOP Monthly Surface Water

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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
410-249042-1**

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

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

Receipt

The samples were received on 10/24/2025 2:10 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 5.1°C.

GC/MS VOA

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: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: 410-249042-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.0	J	5.0	1.5	ug/L	1		8260D	Total/NA
Chloroform	0.15	J	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.27	J	0.50	0.080	ug/L	1		8260D	Total/NA
Trichloroethene	0.29	J	0.50	0.080	ug/L	1		8260D	Total/NA

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

Lab Sample ID: 410-249042-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.094	J	0.50	0.080	ug/L	1		8260D	Total/NA
Acetone	2.1	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	0.30	J	0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	1.3		0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	0.29	J	0.50	0.080	ug/L	1		8260D	Total/NA

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

Lab Sample ID: 410-249042-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.14	J	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.16	J	0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.34	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-13-0/1-0

Lab Sample ID: 410-249042-4

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	1.8	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	0.31	J	0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	2.5		0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	0.29	J	0.50	0.080	ug/L	1		8260D	Total/NA

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

Lab Sample ID: 410-249042-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.39	J	0.50	0.080	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	0.12	J FH	0.50	0.10	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	0.24	J FH	0.50	0.10	ug/L	1		8260D	Total/NA
Chloroform	0.20	J FH	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	1.7	FH	0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	5.2	FH	0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	1.7	FH	0.50	0.080	ug/L	1		8260D	Total/NA

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

Lab Sample ID: 410-249042-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.26	J	0.50	0.080	ug/L	1		8260D	Total/NA
Acetone	2.4	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	0.36	J	0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	3.8		0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	0.34	J	0.50	0.080	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: 410-249042-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	15		0.50	0.080	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	2.4		0.50	0.10	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	1.1		0.50	0.10	ug/L	1		8260D	Total/NA
Chloroform	0.20	J	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	3.0		0.50	0.080	ug/L	1		8260D	Total/NA
Trichloroethene	5.3		0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	170		5.0	2.0	ug/L	10		8260D	Total/NA

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

Lab Sample ID: 410-249042-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.6	J	5.0	1.5	ug/L	1		8260D	Total/NA
Chloroform	0.19	J	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.22	J	0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.25	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-27-0/1-0

Lab Sample ID: 410-249042-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.2	J	5.0	1.5	ug/L	1		8260D	Total/NA
Chloroform	0.19	J	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.25	J	0.50	0.080	ug/L	1		8260D	Total/NA
Trichloroethene	0.23	J	0.50	0.080	ug/L	1		8260D	Total/NA

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

Lab Sample ID: 410-249042-10

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
Chloroform	0.12	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	0.30	J	0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	0.19	J	0.50	0.080	ug/L	1		8260D	Total/NA

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

Lab Sample ID: 410-249042-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.11	J	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.28	J	0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.83		0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	0.28	J	0.50	0.080	ug/L	1		8260D	Total/NA

Client Sample ID: HD-QC1-0/1-1

Lab Sample ID: 410-249042-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	14		0.50	0.080	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	2.4		0.50	0.10	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	1.1		0.50	0.10	ug/L	1		8260D	Total/NA
Chloroform	0.20	J	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	3.0		0.50	0.080	ug/L	1		8260D	Total/NA
Trichloroethene	5.2		0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	170		5.0	2.0	ug/L	10		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Verdantas

Job ID: 410-249042-1

Project/Site: fYNOP Monthly Surface Water

Client Sample ID: HD-QC1-0/1-2

Lab Sample ID: 410-249042-13

 No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: 410-249042-1

Date Collected: 10/24/25 10:30

Matrix: Water

Date Received: 10/24/25 14:10

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			10/30/25 23:51	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			10/30/25 23:51	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			10/30/25 23:51	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			10/30/25 23:51	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/30/25 23:51	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			10/30/25 23:51	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			10/30/25 23:51	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			10/30/25 23:51	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			10/30/25 23:51	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			10/30/25 23:51	1
2-Hexanone	ND		5.0	2.0	ug/L			10/30/25 23:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			10/30/25 23:51	1
Acetone	2.0	J	5.0	1.5	ug/L			10/30/25 23:51	1
Benzene	ND		0.50	0.10	ug/L			10/30/25 23:51	1
Bromochloromethane	ND		0.50	0.080	ug/L			10/30/25 23:51	1
Bromodichloromethane	ND		0.50	0.080	ug/L			10/30/25 23:51	1
Bromoform	ND		1.0	0.30	ug/L			10/30/25 23:51	1
Bromomethane	ND		0.50	0.10	ug/L			10/30/25 23:51	1
Carbon disulfide	ND		1.0	0.10	ug/L			10/30/25 23:51	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			10/30/25 23:51	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/30/25 23:51	1
Chloroethane	ND		0.50	0.10	ug/L			10/30/25 23:51	1
Chloroform	0.15	J	0.50	0.090	ug/L			10/30/25 23:51	1
Chloromethane	ND		0.50	0.10	ug/L			10/30/25 23:51	1
cis-1,2-Dichloroethene	0.27	J	0.50	0.080	ug/L			10/30/25 23:51	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			10/30/25 23:51	1
Dibromochloromethane	ND		0.50	0.080	ug/L			10/30/25 23:51	1
Ethylbenzene	ND		0.50	0.080	ug/L			10/30/25 23:51	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			10/30/25 23:51	1
Methylene Chloride	ND		0.50	0.20	ug/L			10/30/25 23:51	1
Styrene	ND		0.50	0.070	ug/L			10/30/25 23:51	1
Tetrachloroethene	ND		0.50	0.20	ug/L			10/30/25 23:51	1
Toluene	ND		0.50	0.080	ug/L			10/30/25 23:51	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			10/30/25 23:51	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/30/25 23:51	1
Trichloroethene	0.29	J	0.50	0.080	ug/L			10/30/25 23:51	1
Vinyl chloride	ND		0.50	0.10	ug/L			10/30/25 23:51	1
Xylenes, Total	ND		1.0	0.070	ug/L			10/30/25 23:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 120					10/30/25 23:51	1
4-Bromofluorobenzene (Surr)	98		80 - 120					10/30/25 23:51	1
Dibromofluoromethane (Surr)	101		80 - 120					10/30/25 23:51	1
Toluene-d8 (Surr)	98		80 - 120					10/30/25 23:51	1

Client Sample Results

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: 410-249042-2

Date Collected: 10/24/25 08:55

Matrix: Water

Date Received: 10/24/25 14:10

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			10/31/25 00:12	1
1,1,1-Trichloroethane	0.094	J	0.50	0.080	ug/L			10/31/25 00:12	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			10/31/25 00:12	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			10/31/25 00:12	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/31/25 00:12	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			10/31/25 00:12	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			10/31/25 00:12	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			10/31/25 00:12	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			10/31/25 00:12	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			10/31/25 00:12	1
2-Hexanone	ND		5.0	2.0	ug/L			10/31/25 00:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			10/31/25 00:12	1
Acetone	2.1	J	5.0	1.5	ug/L			10/31/25 00:12	1
Benzene	ND		0.50	0.10	ug/L			10/31/25 00:12	1
Bromochloromethane	ND		0.50	0.080	ug/L			10/31/25 00:12	1
Bromodichloromethane	ND		0.50	0.080	ug/L			10/31/25 00:12	1
Bromoform	ND		1.0	0.30	ug/L			10/31/25 00:12	1
Bromomethane	ND		0.50	0.10	ug/L			10/31/25 00:12	1
Carbon disulfide	ND		1.0	0.10	ug/L			10/31/25 00:12	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			10/31/25 00:12	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/31/25 00:12	1
Chloroethane	ND		0.50	0.10	ug/L			10/31/25 00:12	1
Chloroform	0.10	J	0.50	0.090	ug/L			10/31/25 00:12	1
Chloromethane	ND		0.50	0.10	ug/L			10/31/25 00:12	1
cis-1,2-Dichloroethene	0.30	J	0.50	0.080	ug/L			10/31/25 00:12	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			10/31/25 00:12	1
Dibromochloromethane	ND		0.50	0.080	ug/L			10/31/25 00:12	1
Ethylbenzene	ND		0.50	0.080	ug/L			10/31/25 00:12	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			10/31/25 00:12	1
Methylene Chloride	ND		0.50	0.20	ug/L			10/31/25 00:12	1
Styrene	ND		0.50	0.070	ug/L			10/31/25 00:12	1
Tetrachloroethene	1.3		0.50	0.20	ug/L			10/31/25 00:12	1
Toluene	ND		0.50	0.080	ug/L			10/31/25 00:12	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			10/31/25 00:12	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/31/25 00:12	1
Trichloroethene	0.29	J	0.50	0.080	ug/L			10/31/25 00:12	1
Vinyl chloride	ND		0.50	0.10	ug/L			10/31/25 00:12	1
Xylenes, Total	ND		1.0	0.070	ug/L			10/31/25 00:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		80 - 120					10/31/25 00:12	1
4-Bromofluorobenzene (Surr)	98		80 - 120					10/31/25 00:12	1
Dibromofluoromethane (Surr)	99		80 - 120					10/31/25 00:12	1
Toluene-d8 (Surr)	98		80 - 120					10/31/25 00:12	1

Client Sample Results

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: 410-249042-3

Date Collected: 10/24/25 11:45

Matrix: Water

Date Received: 10/24/25 14:10

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			10/31/25 00:32	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			10/31/25 00:32	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			10/31/25 00:32	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			10/31/25 00:32	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/31/25 00:32	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			10/31/25 00:32	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			10/31/25 00:32	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			10/31/25 00:32	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			10/31/25 00:32	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			10/31/25 00:32	1
2-Hexanone	ND		5.0	2.0	ug/L			10/31/25 00:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			10/31/25 00:32	1
Acetone	ND		5.0	1.5	ug/L			10/31/25 00:32	1
Benzene	ND		0.50	0.10	ug/L			10/31/25 00:32	1
Bromochloromethane	ND		0.50	0.080	ug/L			10/31/25 00:32	1
Bromodichloromethane	ND		0.50	0.080	ug/L			10/31/25 00:32	1
Bromoform	ND		1.0	0.30	ug/L			10/31/25 00:32	1
Bromomethane	ND		0.50	0.10	ug/L			10/31/25 00:32	1
Carbon disulfide	ND		1.0	0.10	ug/L			10/31/25 00:32	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			10/31/25 00:32	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/31/25 00:32	1
Chloroethane	ND		0.50	0.10	ug/L			10/31/25 00:32	1
Chloroform	0.14	J	0.50	0.090	ug/L			10/31/25 00:32	1
Chloromethane	ND		0.50	0.10	ug/L			10/31/25 00:32	1
cis-1,2-Dichloroethene	0.16	J	0.50	0.080	ug/L			10/31/25 00:32	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			10/31/25 00:32	1
Dibromochloromethane	ND		0.50	0.080	ug/L			10/31/25 00:32	1
Ethylbenzene	ND		0.50	0.080	ug/L			10/31/25 00:32	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			10/31/25 00:32	1
Methylene Chloride	ND		0.50	0.20	ug/L			10/31/25 00:32	1
Styrene	ND		0.50	0.070	ug/L			10/31/25 00:32	1
Tetrachloroethene	0.34	J	0.50	0.20	ug/L			10/31/25 00:32	1
Toluene	ND		0.50	0.080	ug/L			10/31/25 00:32	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			10/31/25 00:32	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/31/25 00:32	1
Trichloroethene	0.18	J	0.50	0.080	ug/L			10/31/25 00:32	1
Vinyl chloride	ND		0.50	0.10	ug/L			10/31/25 00:32	1
Xylenes, Total	ND		1.0	0.070	ug/L			10/31/25 00:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		80 - 120		10/31/25 00:32	1
4-Bromofluorobenzene (Surr)	98		80 - 120		10/31/25 00:32	1
Dibromofluoromethane (Surr)	101		80 - 120		10/31/25 00:32	1
Toluene-d8 (Surr)	97		80 - 120		10/31/25 00:32	1

Client Sample Results

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: 410-249042-4

Date Collected: 10/24/25 09:10

Matrix: Water

Date Received: 10/24/25 14:10

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			10/31/25 00:53	1
1,1,1-Trichloroethane	0.17	J	0.50	0.080	ug/L			10/31/25 00:53	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			10/31/25 00:53	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			10/31/25 00:53	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/31/25 00:53	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			10/31/25 00:53	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			10/31/25 00:53	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			10/31/25 00:53	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			10/31/25 00:53	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			10/31/25 00:53	1
2-Hexanone	ND		5.0	2.0	ug/L			10/31/25 00:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			10/31/25 00:53	1
Acetone	1.8	J	5.0	1.5	ug/L			10/31/25 00:53	1
Benzene	ND		0.50	0.10	ug/L			10/31/25 00:53	1
Bromochloromethane	ND		0.50	0.080	ug/L			10/31/25 00:53	1
Bromodichloromethane	ND		0.50	0.080	ug/L			10/31/25 00:53	1
Bromoform	ND		1.0	0.30	ug/L			10/31/25 00:53	1
Bromomethane	ND		0.50	0.10	ug/L			10/31/25 00:53	1
Carbon disulfide	ND		1.0	0.10	ug/L			10/31/25 00:53	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			10/31/25 00:53	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/31/25 00:53	1
Chloroethane	ND		0.50	0.10	ug/L			10/31/25 00:53	1
Chloroform	0.10	J	0.50	0.090	ug/L			10/31/25 00:53	1
Chloromethane	ND		0.50	0.10	ug/L			10/31/25 00:53	1
cis-1,2-Dichloroethene	0.31	J	0.50	0.080	ug/L			10/31/25 00:53	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			10/31/25 00:53	1
Dibromochloromethane	ND		0.50	0.080	ug/L			10/31/25 00:53	1
Ethylbenzene	ND		0.50	0.080	ug/L			10/31/25 00:53	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			10/31/25 00:53	1
Methylene Chloride	ND		0.50	0.20	ug/L			10/31/25 00:53	1
Styrene	ND		0.50	0.070	ug/L			10/31/25 00:53	1
Tetrachloroethene	2.5		0.50	0.20	ug/L			10/31/25 00:53	1
Toluene	ND		0.50	0.080	ug/L			10/31/25 00:53	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			10/31/25 00:53	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/31/25 00:53	1
Trichloroethene	0.29	J	0.50	0.080	ug/L			10/31/25 00:53	1
Vinyl chloride	ND		0.50	0.10	ug/L			10/31/25 00:53	1
Xylenes, Total	ND		1.0	0.070	ug/L			10/31/25 00:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 120					10/31/25 00:53	1
4-Bromofluorobenzene (Surr)	98		80 - 120					10/31/25 00:53	1
Dibromofluoromethane (Surr)	101		80 - 120					10/31/25 00:53	1
Toluene-d8 (Surr)	98		80 - 120					10/31/25 00:53	1

Client Sample Results

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: 410-249042-5

Date Collected: 10/24/25 10:50

Matrix: Water

Date Received: 10/24/25 14:10

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			10/31/25 01:13	1
1,1,1-Trichloroethane	0.39	J	0.50	0.080	ug/L			10/31/25 01:13	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			10/31/25 01:13	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			10/31/25 01:13	1
1,1-Dichloroethane	0.12	J FH	0.50	0.10	ug/L			10/31/25 01:13	1
1,1-Dichloroethene	0.24	J FH	0.50	0.10	ug/L			10/31/25 01:13	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			10/31/25 01:13	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			10/31/25 01:13	1
1,2-Dichloropropane	ND	FH	0.50	0.10	ug/L			10/31/25 01:13	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			10/31/25 01:13	1
2-Hexanone	ND		5.0	2.0	ug/L			10/31/25 01:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			10/31/25 01:13	1
Acetone	ND		5.0	1.5	ug/L			10/31/25 01:13	1
Benzene	ND	FH	0.50	0.10	ug/L			10/31/25 01:13	1
Bromochloromethane	ND		0.50	0.080	ug/L			10/31/25 01:13	1
Bromodichloromethane	ND		0.50	0.080	ug/L			10/31/25 01:13	1
Bromoform	ND		1.0	0.30	ug/L			10/31/25 01:13	1
Bromomethane	ND		0.50	0.10	ug/L			10/31/25 01:13	1
Carbon disulfide	ND		1.0	0.10	ug/L			10/31/25 01:13	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			10/31/25 01:13	1
Chlorobenzene	ND	FH	0.50	0.070	ug/L			10/31/25 01:13	1
Chloroethane	ND		0.50	0.10	ug/L			10/31/25 01:13	1
Chloroform	0.20	J FH	0.50	0.090	ug/L			10/31/25 01:13	1
Chloromethane	ND		0.50	0.10	ug/L			10/31/25 01:13	1
cis-1,2-Dichloroethene	1.7	FH	0.50	0.080	ug/L			10/31/25 01:13	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			10/31/25 01:13	1
Dibromochloromethane	ND		0.50	0.080	ug/L			10/31/25 01:13	1
Ethylbenzene	ND	FH	0.50	0.080	ug/L			10/31/25 01:13	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			10/31/25 01:13	1
Methylene Chloride	ND	FH	0.50	0.20	ug/L			10/31/25 01:13	1
Styrene	ND	FH	0.50	0.070	ug/L			10/31/25 01:13	1
Tetrachloroethene	5.2	FH	0.50	0.20	ug/L			10/31/25 01:13	1
Toluene	ND		0.50	0.080	ug/L			10/31/25 01:13	1
trans-1,2-Dichloroethene	ND	FH	0.50	0.10	ug/L			10/31/25 01:13	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/31/25 01:13	1
Trichloroethene	1.7	FH	0.50	0.080	ug/L			10/31/25 01:13	1
Vinyl chloride	ND		0.50	0.10	ug/L			10/31/25 01:13	1
Xylenes, Total	ND	FH	1.0	0.070	ug/L			10/31/25 01:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		10/31/25 01:13	1
4-Bromofluorobenzene (Surr)	98		80 - 120		10/31/25 01:13	1
Dibromofluoromethane (Surr)	102		80 - 120		10/31/25 01:13	1
Toluene-d8 (Surr)	97		80 - 120		10/31/25 01:13	1

Client Sample Results

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: 410-249042-6

Date Collected: 10/24/25 09:27

Matrix: Water

Date Received: 10/24/25 14:10

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			10/31/25 02:15	1
1,1,1-Trichloroethane	0.26	J	0.50	0.080	ug/L			10/31/25 02:15	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			10/31/25 02:15	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			10/31/25 02:15	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/31/25 02:15	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			10/31/25 02:15	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			10/31/25 02:15	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			10/31/25 02:15	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			10/31/25 02:15	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			10/31/25 02:15	1
2-Hexanone	ND		5.0	2.0	ug/L			10/31/25 02:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			10/31/25 02:15	1
Acetone	2.4	J	5.0	1.5	ug/L			10/31/25 02:15	1
Benzene	ND		0.50	0.10	ug/L			10/31/25 02:15	1
Bromochloromethane	ND		0.50	0.080	ug/L			10/31/25 02:15	1
Bromodichloromethane	ND		0.50	0.080	ug/L			10/31/25 02:15	1
Bromoform	ND		1.0	0.30	ug/L			10/31/25 02:15	1
Bromomethane	ND		0.50	0.10	ug/L			10/31/25 02:15	1
Carbon disulfide	ND		1.0	0.10	ug/L			10/31/25 02:15	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			10/31/25 02:15	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/31/25 02:15	1
Chloroethane	ND		0.50	0.10	ug/L			10/31/25 02:15	1
Chloroform	0.11	J	0.50	0.090	ug/L			10/31/25 02:15	1
Chloromethane	ND		0.50	0.10	ug/L			10/31/25 02:15	1
cis-1,2-Dichloroethene	0.36	J	0.50	0.080	ug/L			10/31/25 02:15	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			10/31/25 02:15	1
Dibromochloromethane	ND		0.50	0.080	ug/L			10/31/25 02:15	1
Ethylbenzene	ND		0.50	0.080	ug/L			10/31/25 02:15	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			10/31/25 02:15	1
Methylene Chloride	ND		0.50	0.20	ug/L			10/31/25 02:15	1
Styrene	ND		0.50	0.070	ug/L			10/31/25 02:15	1
Tetrachloroethene	3.8		0.50	0.20	ug/L			10/31/25 02:15	1
Toluene	ND		0.50	0.080	ug/L			10/31/25 02:15	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			10/31/25 02:15	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/31/25 02:15	1
Trichloroethene	0.34	J	0.50	0.080	ug/L			10/31/25 02:15	1
Vinyl chloride	ND		0.50	0.10	ug/L			10/31/25 02:15	1
Xylenes, Total	ND		1.0	0.070	ug/L			10/31/25 02:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		80 - 120					10/31/25 02:15	1
4-Bromofluorobenzene (Surr)	99		80 - 120					10/31/25 02:15	1
Dibromofluoromethane (Surr)	100		80 - 120					10/31/25 02:15	1
Toluene-d8 (Surr)	98		80 - 120					10/31/25 02:15	1

Client Sample Results

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: 410-249042-7

Date Collected: 10/24/25 09:35

Matrix: Water

Date Received: 10/24/25 14:10

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			10/31/25 03:59	1
1,1,1-Trichloroethane	15		0.50	0.080	ug/L			10/31/25 03:59	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			10/31/25 03:59	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			10/31/25 03:59	1
1,1-Dichloroethane	2.4		0.50	0.10	ug/L			10/31/25 03:59	1
1,1-Dichloroethene	1.1		0.50	0.10	ug/L			10/31/25 03:59	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			10/31/25 03:59	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			10/31/25 03:59	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			10/31/25 03:59	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			10/31/25 03:59	1
2-Hexanone	ND		5.0	2.0	ug/L			10/31/25 03:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			10/31/25 03:59	1
Acetone	ND		5.0	1.5	ug/L			10/31/25 03:59	1
Benzene	ND		0.50	0.10	ug/L			10/31/25 03:59	1
Bromochloromethane	ND		0.50	0.080	ug/L			10/31/25 03:59	1
Bromodichloromethane	ND		0.50	0.080	ug/L			10/31/25 03:59	1
Bromoform	ND		1.0	0.30	ug/L			10/31/25 03:59	1
Bromomethane	ND		0.50	0.10	ug/L			10/31/25 03:59	1
Carbon disulfide	ND		1.0	0.10	ug/L			10/31/25 03:59	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			10/31/25 03:59	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/31/25 03:59	1
Chloroethane	ND		0.50	0.10	ug/L			10/31/25 03:59	1
Chloroform	0.20	J	0.50	0.090	ug/L			10/31/25 03:59	1
Chloromethane	ND		0.50	0.10	ug/L			10/31/25 03:59	1
cis-1,2-Dichloroethene	3.0		0.50	0.080	ug/L			10/31/25 03:59	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			10/31/25 03:59	1
Dibromochloromethane	ND		0.50	0.080	ug/L			10/31/25 03:59	1
Ethylbenzene	ND		0.50	0.080	ug/L			10/31/25 03:59	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			10/31/25 03:59	1
Methylene Chloride	ND		0.50	0.20	ug/L			10/31/25 03:59	1
Styrene	ND		0.50	0.070	ug/L			10/31/25 03:59	1
Toluene	ND		0.50	0.080	ug/L			10/31/25 03:59	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			10/31/25 03:59	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/31/25 03:59	1
Trichloroethene	5.3		0.50	0.080	ug/L			10/31/25 03:59	1
Vinyl chloride	ND		0.50	0.10	ug/L			10/31/25 03:59	1
Xylenes, Total	ND		1.0	0.070	ug/L			10/31/25 03:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		10/31/25 03:59	1
4-Bromofluorobenzene (Surr)	96		80 - 120		10/31/25 03:59	1
Dibromofluoromethane (Surr)	103		80 - 120		10/31/25 03:59	1
Toluene-d8 (Surr)	92		80 - 120		10/31/25 03:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	170		5.0	2.0	ug/L			10/31/25 04:20	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		10/31/25 04:20	10

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: 410-249042-7

Date Collected: 10/24/25 09:35

Matrix: Water

Date Received: 10/24/25 14:10

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		80 - 120		10/31/25 04:20	10
Dibromofluoromethane (Surr)	101		80 - 120		10/31/25 04:20	10
Toluene-d8 (Surr)	97		80 - 120		10/31/25 04:20	10

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

Lab Sample ID: 410-249042-8

Date Collected: 10/24/25 10:07

Matrix: Water

Date Received: 10/24/25 14:10

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			10/31/25 02:36	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			10/31/25 02:36	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			10/31/25 02:36	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			10/31/25 02:36	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/31/25 02:36	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			10/31/25 02:36	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			10/31/25 02:36	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			10/31/25 02:36	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			10/31/25 02:36	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			10/31/25 02:36	1
2-Hexanone	ND		5.0	2.0	ug/L			10/31/25 02:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			10/31/25 02:36	1
Acetone	2.6	J	5.0	1.5	ug/L			10/31/25 02:36	1
Benzene	ND		0.50	0.10	ug/L			10/31/25 02:36	1
Bromochloromethane	ND		0.50	0.080	ug/L			10/31/25 02:36	1
Bromodichloromethane	ND		0.50	0.080	ug/L			10/31/25 02:36	1
Bromoform	ND		1.0	0.30	ug/L			10/31/25 02:36	1
Bromomethane	ND		0.50	0.10	ug/L			10/31/25 02:36	1
Carbon disulfide	ND		1.0	0.10	ug/L			10/31/25 02:36	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			10/31/25 02:36	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/31/25 02:36	1
Chloroethane	ND		0.50	0.10	ug/L			10/31/25 02:36	1
Chloroform	0.19	J	0.50	0.090	ug/L			10/31/25 02:36	1
Chloromethane	ND		0.50	0.10	ug/L			10/31/25 02:36	1
cis-1,2-Dichloroethene	0.22	J	0.50	0.080	ug/L			10/31/25 02:36	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			10/31/25 02:36	1
Dibromochloromethane	ND		0.50	0.080	ug/L			10/31/25 02:36	1
Ethylbenzene	ND		0.50	0.080	ug/L			10/31/25 02:36	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			10/31/25 02:36	1
Methylene Chloride	ND		0.50	0.20	ug/L			10/31/25 02:36	1
Styrene	ND		0.50	0.070	ug/L			10/31/25 02:36	1
Tetrachloroethene	0.25	J	0.50	0.20	ug/L			10/31/25 02:36	1
Toluene	ND		0.50	0.080	ug/L			10/31/25 02:36	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			10/31/25 02:36	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/31/25 02:36	1
Trichloroethene	0.22	J	0.50	0.080	ug/L			10/31/25 02:36	1
Vinyl chloride	ND		0.50	0.10	ug/L			10/31/25 02:36	1
Xylenes, Total	ND		1.0	0.070	ug/L			10/31/25 02:36	1

Client Sample Results

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: 410-249042-8

Date Collected: 10/24/25 10:07

Matrix: Water

Date Received: 10/24/25 14:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		10/31/25 02:36	1
4-Bromofluorobenzene (Surr)	98		80 - 120		10/31/25 02:36	1
Dibromofluoromethane (Surr)	100		80 - 120		10/31/25 02:36	1
Toluene-d8 (Surr)	97		80 - 120		10/31/25 02:36	1

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

Lab Sample ID: 410-249042-9

Date Collected: 10/24/25 10:42

Matrix: Water

Date Received: 10/24/25 14:10

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			10/31/25 02:57	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			10/31/25 02:57	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			10/31/25 02:57	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			10/31/25 02:57	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/31/25 02:57	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			10/31/25 02:57	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			10/31/25 02:57	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			10/31/25 02:57	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			10/31/25 02:57	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			10/31/25 02:57	1
2-Hexanone	ND		5.0	2.0	ug/L			10/31/25 02:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			10/31/25 02:57	1
Acetone	2.2	J	5.0	1.5	ug/L			10/31/25 02:57	1
Benzene	ND		0.50	0.10	ug/L			10/31/25 02:57	1
Bromochloromethane	ND		0.50	0.080	ug/L			10/31/25 02:57	1
Bromodichloromethane	ND		0.50	0.080	ug/L			10/31/25 02:57	1
Bromoform	ND		1.0	0.30	ug/L			10/31/25 02:57	1
Bromomethane	ND		0.50	0.10	ug/L			10/31/25 02:57	1
Carbon disulfide	ND		1.0	0.10	ug/L			10/31/25 02:57	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			10/31/25 02:57	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/31/25 02:57	1
Chloroethane	ND		0.50	0.10	ug/L			10/31/25 02:57	1
Chloroform	0.19	J	0.50	0.090	ug/L			10/31/25 02:57	1
Chloromethane	ND		0.50	0.10	ug/L			10/31/25 02:57	1
cis-1,2-Dichloroethene	0.25	J	0.50	0.080	ug/L			10/31/25 02:57	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			10/31/25 02:57	1
Dibromochloromethane	ND		0.50	0.080	ug/L			10/31/25 02:57	1
Ethylbenzene	ND		0.50	0.080	ug/L			10/31/25 02:57	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			10/31/25 02:57	1
Methylene Chloride	ND		0.50	0.20	ug/L			10/31/25 02:57	1
Styrene	ND		0.50	0.070	ug/L			10/31/25 02:57	1
Tetrachloroethene	ND		0.50	0.20	ug/L			10/31/25 02:57	1
Toluene	ND		0.50	0.080	ug/L			10/31/25 02:57	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			10/31/25 02:57	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/31/25 02:57	1
Trichloroethene	0.23	J	0.50	0.080	ug/L			10/31/25 02:57	1
Vinyl chloride	ND		0.50	0.10	ug/L			10/31/25 02:57	1
Xylenes, Total	ND		1.0	0.070	ug/L			10/31/25 02:57	1

Client Sample Results

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: 410-249042-9

Date Collected: 10/24/25 10:42

Matrix: Water

Date Received: 10/24/25 14:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		10/31/25 02:57	1
4-Bromofluorobenzene (Surr)	99		80 - 120		10/31/25 02:57	1
Dibromofluoromethane (Surr)	101		80 - 120		10/31/25 02:57	1
Toluene-d8 (Surr)	97		80 - 120		10/31/25 02:57	1

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

Lab Sample ID: 410-249042-10

Date Collected: 10/24/25 12:05

Matrix: Water

Date Received: 10/24/25 14:10

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			10/31/25 03:18	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			10/31/25 03:18	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			10/31/25 03:18	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			10/31/25 03:18	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/31/25 03:18	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			10/31/25 03:18	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			10/31/25 03:18	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			10/31/25 03:18	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			10/31/25 03:18	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			10/31/25 03:18	1
2-Hexanone	ND		5.0	2.0	ug/L			10/31/25 03:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			10/31/25 03:18	1
Acetone	1.9	J	5.0	1.5	ug/L			10/31/25 03:18	1
Benzene	ND		0.50	0.10	ug/L			10/31/25 03:18	1
Bromochloromethane	ND		0.50	0.080	ug/L			10/31/25 03:18	1
Bromodichloromethane	ND		0.50	0.080	ug/L			10/31/25 03:18	1
Bromoform	ND		1.0	0.30	ug/L			10/31/25 03:18	1
Bromomethane	ND		0.50	0.10	ug/L			10/31/25 03:18	1
Carbon disulfide	ND		1.0	0.10	ug/L			10/31/25 03:18	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			10/31/25 03:18	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/31/25 03:18	1
Chloroethane	ND		0.50	0.10	ug/L			10/31/25 03:18	1
Chloroform	0.12	J	0.50	0.090	ug/L			10/31/25 03:18	1
Chloromethane	ND		0.50	0.10	ug/L			10/31/25 03:18	1
cis-1,2-Dichloroethene	0.19	J	0.50	0.080	ug/L			10/31/25 03:18	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			10/31/25 03:18	1
Dibromochloromethane	ND		0.50	0.080	ug/L			10/31/25 03:18	1
Ethylbenzene	ND		0.50	0.080	ug/L			10/31/25 03:18	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			10/31/25 03:18	1
Methylene Chloride	ND		0.50	0.20	ug/L			10/31/25 03:18	1
Styrene	ND		0.50	0.070	ug/L			10/31/25 03:18	1
Tetrachloroethene	0.30	J	0.50	0.20	ug/L			10/31/25 03:18	1
Toluene	ND		0.50	0.080	ug/L			10/31/25 03:18	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			10/31/25 03:18	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/31/25 03:18	1
Trichloroethene	0.19	J	0.50	0.080	ug/L			10/31/25 03:18	1
Vinyl chloride	ND		0.50	0.10	ug/L			10/31/25 03:18	1
Xylenes, Total	ND		1.0	0.070	ug/L			10/31/25 03:18	1

Client Sample Results

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: 410-249042-10

Date Collected: 10/24/25 12:05

Matrix: Water

Date Received: 10/24/25 14:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		10/31/25 03:18	1
4-Bromofluorobenzene (Surr)	97		80 - 120		10/31/25 03:18	1
Dibromofluoromethane (Surr)	101		80 - 120		10/31/25 03:18	1
Toluene-d8 (Surr)	97		80 - 120		10/31/25 03:18	1

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

Lab Sample ID: 410-249042-11

Date Collected: 10/24/25 08:40

Matrix: Water

Date Received: 10/24/25 14:10

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			10/31/25 03:38	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			10/31/25 03:38	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			10/31/25 03:38	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			10/31/25 03:38	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/31/25 03:38	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			10/31/25 03:38	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			10/31/25 03:38	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			10/31/25 03:38	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			10/31/25 03:38	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			10/31/25 03:38	1
2-Hexanone	ND		5.0	2.0	ug/L			10/31/25 03:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			10/31/25 03:38	1
Acetone	ND		5.0	1.5	ug/L			10/31/25 03:38	1
Benzene	ND		0.50	0.10	ug/L			10/31/25 03:38	1
Bromochloromethane	ND		0.50	0.080	ug/L			10/31/25 03:38	1
Bromodichloromethane	ND		0.50	0.080	ug/L			10/31/25 03:38	1
Bromoform	ND		1.0	0.30	ug/L			10/31/25 03:38	1
Bromomethane	ND		0.50	0.10	ug/L			10/31/25 03:38	1
Carbon disulfide	ND		1.0	0.10	ug/L			10/31/25 03:38	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			10/31/25 03:38	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/31/25 03:38	1
Chloroethane	ND		0.50	0.10	ug/L			10/31/25 03:38	1
Chloroform	0.11	J	0.50	0.090	ug/L			10/31/25 03:38	1
Chloromethane	ND		0.50	0.10	ug/L			10/31/25 03:38	1
cis-1,2-Dichloroethene	0.28	J	0.50	0.080	ug/L			10/31/25 03:38	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			10/31/25 03:38	1
Dibromochloromethane	ND		0.50	0.080	ug/L			10/31/25 03:38	1
Ethylbenzene	ND		0.50	0.080	ug/L			10/31/25 03:38	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			10/31/25 03:38	1
Methylene Chloride	ND		0.50	0.20	ug/L			10/31/25 03:38	1
Styrene	ND		0.50	0.070	ug/L			10/31/25 03:38	1
Tetrachloroethene	0.83		0.50	0.20	ug/L			10/31/25 03:38	1
Toluene	ND		0.50	0.080	ug/L			10/31/25 03:38	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			10/31/25 03:38	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/31/25 03:38	1
Trichloroethene	0.28	J	0.50	0.080	ug/L			10/31/25 03:38	1
Vinyl chloride	ND		0.50	0.10	ug/L			10/31/25 03:38	1
Xylenes, Total	ND		1.0	0.070	ug/L			10/31/25 03:38	1

Client Sample Results

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: 410-249042-11

Date Collected: 10/24/25 08:40

Matrix: Water

Date Received: 10/24/25 14:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		10/31/25 03:38	1
4-Bromofluorobenzene (Surr)	99		80 - 120		10/31/25 03:38	1
Dibromofluoromethane (Surr)	100		80 - 120		10/31/25 03:38	1
Toluene-d8 (Surr)	97		80 - 120		10/31/25 03:38	1

Client Sample ID: HD-QC1-0/1-1

Lab Sample ID: 410-249042-12

Date Collected: 10/24/25 10:00

Matrix: Water

Date Received: 10/24/25 14:10

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			10/31/25 04:40	1
1,1,1-Trichloroethane	14		0.50	0.080	ug/L			10/31/25 04:40	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			10/31/25 04:40	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			10/31/25 04:40	1
1,1-Dichloroethane	2.4		0.50	0.10	ug/L			10/31/25 04:40	1
1,1-Dichloroethene	1.1		0.50	0.10	ug/L			10/31/25 04:40	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			10/31/25 04:40	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			10/31/25 04:40	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			10/31/25 04:40	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			10/31/25 04:40	1
2-Hexanone	ND		5.0	2.0	ug/L			10/31/25 04:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			10/31/25 04:40	1
Acetone	ND		5.0	1.5	ug/L			10/31/25 04:40	1
Benzene	ND		0.50	0.10	ug/L			10/31/25 04:40	1
Bromochloromethane	ND		0.50	0.080	ug/L			10/31/25 04:40	1
Bromodichloromethane	ND		0.50	0.080	ug/L			10/31/25 04:40	1
Bromoform	ND		1.0	0.30	ug/L			10/31/25 04:40	1
Bromomethane	ND		0.50	0.10	ug/L			10/31/25 04:40	1
Carbon disulfide	ND		1.0	0.10	ug/L			10/31/25 04:40	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			10/31/25 04:40	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/31/25 04:40	1
Chloroethane	ND		0.50	0.10	ug/L			10/31/25 04:40	1
Chloroform	0.20	J	0.50	0.090	ug/L			10/31/25 04:40	1
Chloromethane	ND		0.50	0.10	ug/L			10/31/25 04:40	1
cis-1,2-Dichloroethene	3.0		0.50	0.080	ug/L			10/31/25 04:40	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			10/31/25 04:40	1
Dibromochloromethane	ND		0.50	0.080	ug/L			10/31/25 04:40	1
Ethylbenzene	ND		0.50	0.080	ug/L			10/31/25 04:40	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			10/31/25 04:40	1
Methylene Chloride	ND		0.50	0.20	ug/L			10/31/25 04:40	1
Styrene	ND		0.50	0.070	ug/L			10/31/25 04:40	1
Toluene	ND		0.50	0.080	ug/L			10/31/25 04:40	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			10/31/25 04:40	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/31/25 04:40	1
Trichloroethene	5.2		0.50	0.080	ug/L			10/31/25 04:40	1
Vinyl chloride	ND		0.50	0.10	ug/L			10/31/25 04:40	1
Xylenes, Total	ND		1.0	0.070	ug/L			10/31/25 04:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		80 - 120		10/31/25 04:40	1

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

Client Sample ID: HD-QC1-0/1-1

Lab Sample ID: 410-249042-12

Date Collected: 10/24/25 10:00

Matrix: Water

Date Received: 10/24/25 14:10

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		80 - 120		10/31/25 04:40	1
Dibromofluoromethane (Surr)	101		80 - 120		10/31/25 04:40	1
Toluene-d8 (Surr)	94		80 - 120		10/31/25 04:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	170		5.0	2.0	ug/L			10/31/25 05:01	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		10/31/25 05:01	10
4-Bromofluorobenzene (Surr)	97		80 - 120		10/31/25 05:01	10
Dibromofluoromethane (Surr)	102		80 - 120		10/31/25 05:01	10
Toluene-d8 (Surr)	97		80 - 120		10/31/25 05:01	10

Client Sample ID: HD-QC1-0/1-2

Lab Sample ID: 410-249042-13

Date Collected: 10/24/25 00:00

Matrix: Water

Date Received: 10/24/25 14:10

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			10/30/25 23:30	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			10/30/25 23:30	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			10/30/25 23:30	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			10/30/25 23:30	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/30/25 23:30	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			10/30/25 23:30	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			10/30/25 23:30	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			10/30/25 23:30	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			10/30/25 23:30	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			10/30/25 23:30	1
2-Hexanone	ND		5.0	2.0	ug/L			10/30/25 23:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			10/30/25 23:30	1
Acetone	ND		5.0	1.5	ug/L			10/30/25 23:30	1
Benzene	ND		0.50	0.10	ug/L			10/30/25 23:30	1
Bromochloromethane	ND		0.50	0.080	ug/L			10/30/25 23:30	1
Bromodichloromethane	ND		0.50	0.080	ug/L			10/30/25 23:30	1
Bromoform	ND		1.0	0.30	ug/L			10/30/25 23:30	1
Bromomethane	ND		0.50	0.10	ug/L			10/30/25 23:30	1
Carbon disulfide	ND		1.0	0.10	ug/L			10/30/25 23:30	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			10/30/25 23:30	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/30/25 23:30	1
Chloroethane	ND		0.50	0.10	ug/L			10/30/25 23:30	1
Chloroform	ND		0.50	0.090	ug/L			10/30/25 23:30	1
Chloromethane	ND		0.50	0.10	ug/L			10/30/25 23:30	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			10/30/25 23:30	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			10/30/25 23:30	1
Dibromochloromethane	ND		0.50	0.080	ug/L			10/30/25 23:30	1
Ethylbenzene	ND		0.50	0.080	ug/L			10/30/25 23:30	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			10/30/25 23:30	1
Methylene Chloride	ND		0.50	0.20	ug/L			10/30/25 23:30	1

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

Client Sample ID: HD-QC1-0/1-2

Lab Sample ID: 410-249042-13

Date Collected: 10/24/25 00:00

Matrix: Water

Date Received: 10/24/25 14:10

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			10/30/25 23:30	1
Tetrachloroethene	ND		0.50	0.20	ug/L			10/30/25 23:30	1
Toluene	ND		0.50	0.080	ug/L			10/30/25 23:30	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			10/30/25 23:30	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/30/25 23:30	1
Trichloroethene	ND		0.50	0.080	ug/L			10/30/25 23:30	1
Vinyl chloride	ND		0.50	0.10	ug/L			10/30/25 23:30	1
Xylenes, Total	ND		1.0	0.070	ug/L			10/30/25 23:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		10/30/25 23:30	1
4-Bromofluorobenzene (Surr)	99		80 - 120		10/30/25 23:30	1
Dibromofluoromethane (Surr)	100		80 - 120		10/30/25 23:30	1
Toluene-d8 (Surr)	98		80 - 120		10/30/25 23:30	1

Default Detection Limits

Client: Verdantas

Job ID: 410-249042-1

Project/Site: fYNOP 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: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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)
410-249042-1	HD-COD-SW-7-0/1-0	100	98	101	98
410-249042-2	HD-COD-SW-8-0/1-0	99	98	99	98
410-249042-3	HD-COD-SW-9-0/1-0	98	98	101	97
410-249042-4	HD-COD-SW-13-0/1-0	100	98	101	98
410-249042-5	HD-COD-SW-15-0/1-0	101	98	102	97
410-249042-5 MS	HD-COD-SW-15-0/1-0 MS	101	100	103	99
410-249042-5 MSD	HD-COD-SW-15-0/1-0 MSD	102	100	101	99
410-249042-6	HD-COD-SW-16-0/1-0	99	99	100	98
410-249042-7	HD-COD-SW-17-0/1-0	101	96	103	92
410-249042-7 - DL	HD-COD-SW-17-0/1-0	100	96	101	97
410-249042-8	HD-COD-SW-26-0/1-0	101	98	100	97
410-249042-9	HD-COD-SW-27-0/1-0	100	99	101	97
410-249042-10	HD-COD-SW-28-0/1-0	101	97	101	97
410-249042-11	HD-COD-SW-29-0/1-0	101	99	100	97
410-249042-12	HD-QC1-0/1-1	98	97	101	94
410-249042-12 - DL	HD-QC1-0/1-1	100	97	102	97
410-249042-13	HD-QC1-0/1-2	100	99	100	98
LCS 410-722416/62	Lab Control Sample	99	101	102	99
MB 410-722416/6	Method Blank	100	99	101	99

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: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: MB 410-722416/6

Matrix: Water

Analysis Batch: 722416

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			10/30/25 22:07	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			10/30/25 22:07	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			10/30/25 22:07	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			10/30/25 22:07	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			10/30/25 22:07	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			10/30/25 22:07	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			10/30/25 22:07	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			10/30/25 22:07	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			10/30/25 22:07	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			10/30/25 22:07	1
2-Hexanone	ND		5.0	2.0	ug/L			10/30/25 22:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			10/30/25 22:07	1
Acetone	ND		5.0	1.5	ug/L			10/30/25 22:07	1
Benzene	ND		0.50	0.10	ug/L			10/30/25 22:07	1
Bromochloromethane	ND		0.50	0.080	ug/L			10/30/25 22:07	1
Bromodichloromethane	ND		0.50	0.080	ug/L			10/30/25 22:07	1
Bromoform	ND		1.0	0.30	ug/L			10/30/25 22:07	1
Bromomethane	ND		0.50	0.10	ug/L			10/30/25 22:07	1
Carbon disulfide	ND		1.0	0.10	ug/L			10/30/25 22:07	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			10/30/25 22:07	1
Chlorobenzene	ND		0.50	0.070	ug/L			10/30/25 22:07	1
Chloroethane	ND		0.50	0.10	ug/L			10/30/25 22:07	1
Chloroform	ND		0.50	0.090	ug/L			10/30/25 22:07	1
Chloromethane	ND		0.50	0.10	ug/L			10/30/25 22:07	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			10/30/25 22:07	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			10/30/25 22:07	1
Dibromochloromethane	ND		0.50	0.080	ug/L			10/30/25 22:07	1
Ethylbenzene	ND		0.50	0.080	ug/L			10/30/25 22:07	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			10/30/25 22:07	1
Methylene Chloride	ND		0.50	0.20	ug/L			10/30/25 22:07	1
Styrene	ND		0.50	0.070	ug/L			10/30/25 22:07	1
Tetrachloroethene	ND		0.50	0.20	ug/L			10/30/25 22:07	1
Toluene	ND		0.50	0.080	ug/L			10/30/25 22:07	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			10/30/25 22:07	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			10/30/25 22:07	1
Trichloroethene	ND		0.50	0.080	ug/L			10/30/25 22:07	1
Vinyl chloride	ND		0.50	0.10	ug/L			10/30/25 22:07	1
Xylenes, Total	ND		1.0	0.070	ug/L			10/30/25 22:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		10/30/25 22:07	1
4-Bromofluorobenzene (Surr)	99		80 - 120		10/30/25 22:07	1
Dibromofluoromethane (Surr)	101		80 - 120		10/30/25 22:07	1
Toluene-d8 (Surr)	99		80 - 120		10/30/25 22:07	1

QC Sample Results

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: LCS 410-722416/62

Matrix: Water

Analysis Batch: 722416

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	5.54		ug/L		111	80 - 122
1,1,1-Trichloroethane	5.00	5.74		ug/L		115	78 - 126
1,1,2,2-Tetrachloroethane	5.00	5.21		ug/L		104	75 - 123
1,1,2-Trichloroethane	5.00	5.51		ug/L		110	80 - 120
1,1-Dichloroethane	5.00	5.96		ug/L		119	74 - 120
1,1-Dichloroethene	5.00	6.05		ug/L		121	80 - 131
1,2-Dibromoethane (EDB)	5.00	5.60		ug/L		112	80 - 120
1,2-Dichloroethane	5.00	5.77		ug/L		115	69 - 122
1,2-Dichloropropane	5.00	5.81		ug/L		116	80 - 120
2-Butanone (MEK)	62.5	54.8		ug/L		88	59 - 141
2-Hexanone	62.5	60.5		ug/L		97	52 - 140
4-Methyl-2-pentanone (MIBK)	62.5	56.2		ug/L		90	55 - 140
Acetone	62.5	56.0		ug/L		90	60 - 146
Benzene	5.00	5.62		ug/L		112	80 - 120
Bromochloromethane	5.00	5.92		ug/L		118	80 - 133
Bromodichloromethane	5.00	5.65		ug/L		113	80 - 123
Bromoform	5.00	5.38		ug/L		108	75 - 126
Bromomethane	5.00	4.52		ug/L		90	63 - 120
Carbon disulfide	5.00	5.57		ug/L		111	67 - 130
Carbon tetrachloride	5.00	5.93		ug/L		119	64 - 141
Chlorobenzene	5.00	5.61		ug/L		112	80 - 120
Chloroethane	5.00	4.56		ug/L		91	63 - 120
Chloroform	5.00	5.70		ug/L		114	80 - 120
Chloromethane	5.00	4.29		ug/L		86	56 - 124
cis-1,2-Dichloroethene	5.00	5.97		ug/L		119	80 - 122
cis-1,3-Dichloropropene	5.00	5.54		ug/L		111	67 - 121
Dibromochloromethane	5.00	5.27		ug/L		105	80 - 123
Ethylbenzene	5.00	5.58		ug/L		112	80 - 120
Methyl tert-butyl ether	5.00	5.30		ug/L		106	69 - 120
Methylene Chloride	5.00	5.83		ug/L		117	80 - 120
Styrene	5.00	5.64		ug/L		113	80 - 120
Tetrachloroethene	5.00	5.37		ug/L		107	80 - 120
Toluene	5.00	5.47		ug/L		109	80 - 120
trans-1,2-Dichloroethene	5.00	5.87		ug/L		117	80 - 122
trans-1,3-Dichloropropene	5.00	5.52		ug/L		110	61 - 129
Trichloroethene	5.00	5.69		ug/L		114	80 - 120
Vinyl chloride	5.00	4.47		ug/L		89	60 - 125
Xylenes, Total	15.0	16.7		ug/L		111	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	102		80 - 120
Toluene-d8 (Surr)	99		80 - 120

QC Sample Results

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: 410-249042-5 MS

Matrix: Water

Analysis Batch: 722416

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	5.76		ug/L		115	80 - 122
1,1,1-Trichloroethane	0.39	J	5.00	6.70		ug/L		126	78 - 126
1,1,2,2-Tetrachloroethane	ND		5.00	5.42		ug/L		108	75 - 123
1,1,2-Trichloroethane	ND		5.00	5.65		ug/L		113	80 - 120
1,1-Dichloroethane	0.12	J FH	5.00	6.45	FH	ug/L		127	74 - 120
1,1-Dichloroethene	0.24	J FH	5.00	7.11	FH	ug/L		137	80 - 131
1,2-Dibromoethane (EDB)	ND		5.00	5.77		ug/L		115	80 - 120
1,2-Dichloroethane	ND		5.00	5.97		ug/L		119	69 - 122
1,2-Dichloropropane	ND	FH	5.00	6.04	FH	ug/L		121	80 - 120
2-Butanone (MEK)	ND		62.6	54.9		ug/L		88	59 - 141
2-Hexanone	ND		62.6	58.5		ug/L		93	52 - 140
4-Methyl-2-pentanone (MIBK)	ND		62.6	54.9		ug/L		88	55 - 140
Acetone	ND		62.6	54.8		ug/L		88	60 - 146
Benzene	ND	FH	5.00	5.98		ug/L		119	80 - 120
Bromochloromethane	ND		5.00	6.10		ug/L		122	80 - 133
Bromodichloromethane	ND		5.00	5.90		ug/L		118	80 - 123
Bromoform	ND		5.00	5.56		ug/L		111	75 - 126
Bromomethane	ND		5.00	4.97		ug/L		99	63 - 120
Carbon disulfide	ND		5.00	6.30		ug/L		126	67 - 130
Carbon tetrachloride	ND		5.00	6.58		ug/L		132	64 - 141
Chlorobenzene	ND	FH	5.00	5.90		ug/L		118	80 - 120
Chloroethane	ND		5.00	5.02		ug/L		100	63 - 120
Chloroform	0.20	J FH	5.00	6.23		ug/L		120	80 - 120
Chloromethane	ND		5.00	4.82		ug/L		96	80 - 120
cis-1,2-Dichloroethene	1.7	FH	5.00	8.02	FH	ug/L		127	80 - 122
cis-1,3-Dichloropropene	ND		5.00	5.76		ug/L		115	67 - 121
Dibromochloromethane	ND		5.00	5.53		ug/L		111	80 - 123
Ethylbenzene	ND	FH	5.00	5.95		ug/L		119	80 - 120
Methyl tert-butyl ether	ND		5.00	5.53		ug/L		110	69 - 120
Methylene Chloride	ND	FH	5.00	6.23	FH	ug/L		124	80 - 120
Styrene	ND	FH	5.00	5.92		ug/L		118	80 - 120
Tetrachloroethene	5.2	FH	5.00	11.2		ug/L		120	80 - 120
Toluene	ND		5.00	5.79		ug/L		116	80 - 120
trans-1,2-Dichloroethene	ND	FH	5.00	6.43	FH	ug/L		129	80 - 122
trans-1,3-Dichloropropene	ND		5.00	5.76		ug/L		115	61 - 129
Trichloroethene	1.7	FH	5.00	7.84	FH	ug/L		124	80 - 120
Vinyl chloride	ND		5.00	5.14		ug/L		103	60 - 125
Xylenes, Total	ND	FH	15.0	17.6		ug/L		117	80 - 120
	MS	MS							
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	101		80 - 120						
4-Bromofluorobenzene (Surr)	100		80 - 120						
Dibromofluoromethane (Surr)	103		80 - 120						
Toluene-d8 (Surr)	99		80 - 120						

QC Sample Results

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: 410-249042-5 MSD

Matrix: Water

Analysis Batch: 722416

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	5.90		ug/L		118	80 - 122	3	30
1,1,1-Trichloroethane	0.39	J	5.00	6.71		ug/L		126	78 - 126	0	30
1,1,2,2-Tetrachloroethane	ND		5.00	5.58		ug/L		112	75 - 123	3	30
1,1,2-Trichloroethane	ND		5.00	5.88		ug/L		118	80 - 120	4	30
1,1-Dichloroethane	0.12	J FH	5.00	6.59	FH	ug/L		129	74 - 120	2	30
1,1-Dichloroethene	0.24	J FH	5.00	7.15	FH	ug/L		138	80 - 131	1	30
1,2-Dibromoethane (EDB)	ND		5.00	5.93		ug/L		118	80 - 120	3	30
1,2-Dichloroethane	ND		5.00	6.11		ug/L		122	69 - 122	2	30
1,2-Dichloropropane	ND	FH	5.00	6.17	FH	ug/L		123	80 - 120	2	30
2-Butanone (MEK)	ND		62.6	62.7		ug/L		100	59 - 141	13	30
2-Hexanone	ND		62.6	65.8		ug/L		105	52 - 140	12	30
4-Methyl-2-pentanone (MIBK)	ND		62.6	60.9		ug/L		97	55 - 140	10	30
Acetone	ND		62.6	59.5		ug/L		95	60 - 146	8	30
Benzene	ND	FH	5.00	6.05	FH	ug/L		121	80 - 120	1	30
Bromochloromethane	ND		5.00	6.34		ug/L		127	80 - 133	4	30
Bromodichloromethane	ND		5.00	6.12		ug/L		122	80 - 123	4	30
Bromoform	ND		5.00	5.70		ug/L		114	75 - 126	3	30
Bromomethane	ND		5.00	4.94		ug/L		99	63 - 120	1	30
Carbon disulfide	ND		5.00	6.43		ug/L		129	67 - 130	2	30
Carbon tetrachloride	ND		5.00	6.73		ug/L		134	64 - 141	2	30
Chlorobenzene	ND	FH	5.00	6.05	FH	ug/L		121	80 - 120	2	30
Chloroethane	ND		5.00	5.01		ug/L		100	63 - 120	0	30
Chloroform	0.20	J FH	5.00	6.37	FH	ug/L		123	80 - 120	2	30
Chloromethane	ND		5.00	4.57		ug/L		91	80 - 120	5	30
cis-1,2-Dichloroethene	1.7	FH	5.00	8.19	FH	ug/L		130	80 - 122	2	30
cis-1,3-Dichloropropene	ND		5.00	5.87		ug/L		117	67 - 121	2	30
Dibromochloromethane	ND		5.00	5.69		ug/L		114	80 - 123	3	30
Ethylbenzene	ND	FH	5.00	6.11	FH	ug/L		122	80 - 120	3	30
Methyl tert-butyl ether	ND		5.00	5.65		ug/L		113	69 - 120	2	30
Methylene Chloride	ND	FH	5.00	6.29	FH	ug/L		126	80 - 120	1	30
Styrene	ND	FH	5.00	6.05	FH	ug/L		121	80 - 120	2	30
Tetrachloroethene	5.2	FH	5.00	11.3	FH	ug/L		122	80 - 120	1	30
Toluene	ND		5.00	6.00		ug/L		120	80 - 120	4	30
trans-1,2-Dichloroethene	ND	FH	5.00	6.44	FH	ug/L		129	80 - 122	0	30
trans-1,3-Dichloropropene	ND		5.00	5.97		ug/L		119	61 - 129	4	30
Trichloroethene	1.7	FH	5.00	7.91	FH	ug/L		125	80 - 120	1	30
Vinyl chloride	ND		5.00	5.09		ug/L		102	60 - 125	1	30
Xylenes, Total	ND	FH	15.0	18.1	FH	ug/L		121	80 - 120	3	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		80 - 120
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	101		80 - 120
Toluene-d8 (Surr)	99		80 - 120

QC Association Summary

Client: Verdantas

Job ID: 410-249042-1

Project/Site: fYNOP Monthly Surface Water

GC/MS VOA

Analysis Batch: 722416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-249042-1	HD-COD-SW-7-0/1-0	Total/NA	Water	8260D	
410-249042-2	HD-COD-SW-8-0/1-0	Total/NA	Water	8260D	
410-249042-3	HD-COD-SW-9-0/1-0	Total/NA	Water	8260D	
410-249042-4	HD-COD-SW-13-0/1-0	Total/NA	Water	8260D	
410-249042-5	HD-COD-SW-15-0/1-0	Total/NA	Water	8260D	
410-249042-6	HD-COD-SW-16-0/1-0	Total/NA	Water	8260D	
410-249042-7	HD-COD-SW-17-0/1-0	Total/NA	Water	8260D	
410-249042-7 - DL	HD-COD-SW-17-0/1-0	Total/NA	Water	8260D	
410-249042-8	HD-COD-SW-26-0/1-0	Total/NA	Water	8260D	
410-249042-9	HD-COD-SW-27-0/1-0	Total/NA	Water	8260D	
410-249042-10	HD-COD-SW-28-0/1-0	Total/NA	Water	8260D	
410-249042-11	HD-COD-SW-29-0/1-0	Total/NA	Water	8260D	
410-249042-12	HD-QC1-0/1-1	Total/NA	Water	8260D	
410-249042-12 - DL	HD-QC1-0/1-1	Total/NA	Water	8260D	
410-249042-13	HD-QC1-0/1-2	Total/NA	Water	8260D	
MB 410-722416/6	Method Blank	Total/NA	Water	8260D	
LCS 410-722416/62	Lab Control Sample	Total/NA	Water	8260D	
410-249042-5 MS	HD-COD-SW-15-0/1-0 MS	Total/NA	Water	8260D	
410-249042-5 MSD	HD-COD-SW-15-0/1-0 MSD	Total/NA	Water	8260D	

Lab Chronicle

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: 410-249042-1

Date Collected: 10/24/25 10:30

Matrix: Water

Date Received: 10/24/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722416	JS6E	ELLE	10/30/25 23:51

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

Lab Sample ID: 410-249042-2

Date Collected: 10/24/25 08:55

Matrix: Water

Date Received: 10/24/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722416	JS6E	ELLE	10/31/25 00:12

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

Lab Sample ID: 410-249042-3

Date Collected: 10/24/25 11:45

Matrix: Water

Date Received: 10/24/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722416	JS6E	ELLE	10/31/25 00:32

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

Lab Sample ID: 410-249042-4

Date Collected: 10/24/25 09:10

Matrix: Water

Date Received: 10/24/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722416	JS6E	ELLE	10/31/25 00:53

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

Lab Sample ID: 410-249042-5

Date Collected: 10/24/25 10:50

Matrix: Water

Date Received: 10/24/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722416	JS6E	ELLE	10/31/25 01:13

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

Lab Sample ID: 410-249042-6

Date Collected: 10/24/25 09:27

Matrix: Water

Date Received: 10/24/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722416	JS6E	ELLE	10/31/25 02:15

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

Lab Sample ID: 410-249042-7

Date Collected: 10/24/25 09:35

Matrix: Water

Date Received: 10/24/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722416	JS6E	ELLE	10/31/25 03:59
Total/NA	Analysis	8260D	DL	10	722416	JS6E	ELLE	10/31/25 04:20

Lab Chronicle

Client: Verdantas
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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

Lab Sample ID: 410-249042-8

Date Collected: 10/24/25 10:07

Matrix: Water

Date Received: 10/24/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722416	JS6E	ELLE	10/31/25 02:36

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

Lab Sample ID: 410-249042-9

Date Collected: 10/24/25 10:42

Matrix: Water

Date Received: 10/24/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722416	JS6E	ELLE	10/31/25 02:57

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

Lab Sample ID: 410-249042-10

Date Collected: 10/24/25 12:05

Matrix: Water

Date Received: 10/24/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722416	JS6E	ELLE	10/31/25 03:18

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

Lab Sample ID: 410-249042-11

Date Collected: 10/24/25 08:40

Matrix: Water

Date Received: 10/24/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722416	JS6E	ELLE	10/31/25 03:38

Client Sample ID: HD-QC1-0/1-1

Lab Sample ID: 410-249042-12

Date Collected: 10/24/25 10:00

Matrix: Water

Date Received: 10/24/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722416	JS6E	ELLE	10/31/25 04:40
Total/NA	Analysis	8260D	DL	10	722416	JS6E	ELLE	10/31/25 05:01

Client Sample ID: HD-QC1-0/1-2

Lab Sample ID: 410-249042-13

Date Collected: 10/24/25 00:00

Matrix: Water

Date Received: 10/24/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	722416	JS6E	ELLE	10/30/25 23:30

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: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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: fYNOP Monthly Surface Water

Job ID: 410-249042-1

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: 410-249042-1

Project/Site: fYNOP Monthly Surface Water

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
410-249042-1	HD-COD-SW-7-0/1-0	Water	10/24/25 10:30	10/24/25 14:10	Pennsylvania
410-249042-2	HD-COD-SW-8-0/1-0	Water	10/24/25 08:55	10/24/25 14:10	Pennsylvania
410-249042-3	HD-COD-SW-9-0/1-0	Water	10/24/25 11:45	10/24/25 14:10	Pennsylvania
410-249042-4	HD-COD-SW-13-0/1-0	Water	10/24/25 09:10	10/24/25 14:10	Pennsylvania
410-249042-5	HD-COD-SW-15-0/1-0	Water	10/24/25 10:50	10/24/25 14:10	Pennsylvania
410-249042-6	HD-COD-SW-16-0/1-0	Water	10/24/25 09:27	10/24/25 14:10	Pennsylvania
410-249042-7	HD-COD-SW-17-0/1-0	Water	10/24/25 09:35	10/24/25 14:10	Pennsylvania
410-249042-8	HD-COD-SW-26-0/1-0	Water	10/24/25 10:07	10/24/25 14:10	Pennsylvania
410-249042-9	HD-COD-SW-27-0/1-0	Water	10/24/25 10:42	10/24/25 14:10	Pennsylvania
410-249042-10	HD-COD-SW-28-0/1-0	Water	10/24/25 12:05	10/24/25 14:10	Pennsylvania
410-249042-11	HD-COD-SW-29-0/1-0	Water	10/24/25 08:40	10/24/25 14:10	Pennsylvania
410-249042-12	HD-QC1-0/1-1	Water	10/24/25 10:00	10/24/25 14:10	Pennsylvania
410-249042-13	HD-QC1-0/1-2	Water	10/24/25 00:00	10/24/25 14:10	Pennsylvania

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-249042-1

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.: 410-249042-1

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.: 410-249042-1

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.: 410-249042-1

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.: 410-249042-1

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.: 410-249042-1

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.: 410-249042-1

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.: 410-249042-1

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.: 410-249042-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 722416

Lab Sample ID: CCVIS 410-722416/3

Client Sample ID:

Date Analyzed: 10/30/25 21:04

Lab File ID: HC30X32.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	JS6E	10/30/25 21:35

Lab Sample ID: 410-249042-3

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

Date Analyzed: 10/31/25 00:32

Lab File ID: HC30X42.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone		Invalid Compound ID	N9NA	10/31/25 13:49

Lab Sample ID: 410-249042-4

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

Date Analyzed: 10/31/25 00:53

Lab File ID: HC30X43.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	N9NA	10/31/25 13:50

Lab Sample ID: 410-249042-5

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

Date Analyzed: 10/31/25 01:13

Lab File ID: HC30X44.D

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

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toluene	9.49	Peak assignment corrected	N9NA	10/31/25 13:51

Lab Sample ID: 410-249042-6

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

Date Analyzed: 10/31/25 02:15

Lab File ID: HC30X47.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	N9NA	10/31/25 14:29

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-249042-1

SDG No.:

Instrument ID: 19094

Analysis Batch Number: 722416

Lab Sample ID: 410-249042-8

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

Date Analyzed: 10/31/25 02:36

Lab File ID: HC30X48.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	N9NA	10/31/25 14:30

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-249042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_CCV_CYC_00012	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	200 mL	MSV_VCYC_STK_00015	9.828 mL	Cyclohexanone	6250.12 ug/mL
.MSV_VCYC_STK_00015	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	10 mL	MSV_CYC_00014	1.2719 g	Cyclohexanone	127190 ug/mL
..MSV_CYC_00014	02/28/29		Chem Service, Lot 16092200		(Purchased Reagent)		Cyclohexanone	1 g/g
MSV_CCV_V5ACE_00055	11/07/25	10/08/25	Methanol, Lot EJ274	10 mL	MSV_AcetatesV_00093	1 mL	Acetonitrile	5000 ug/mL
							Ethyl acetate	1000 ug/mL
							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_DME_00070	11/19/25		Restek, Lot A0220508		(Purchased Reagent)		Dimethyl ether	1000 ug/mL
MSV_LCS_VOC#1_00246	11/26/25	10/27/25	Methanol, Lot EJ274	25 mL	MSV_M_MIX1SEC_00299	1 mL	1,1,1,2-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_00298	1 mL	Carbon disulfide	40 ug/mL
							Methyl tert-butyl ether	40 ug/mL
					MSV_Q_Ketones_00304	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.: 410-249042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MSV_M_MIX1SEC_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
.MSV_M_MIX2SEC_00298	05/31/28		Restek, Lot A0225702		(Purchased Reagent)		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_LL_#1_826_00181	11/19/25	10/20/25	Methanol, Lot EJ274	1 mL	MSV_CCV_VOC#1_00258	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
							1,2-Dibromoethane (EDB)	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-249042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Ethylbenzene	50 ug/mL
							Methylene Chloride	50 ug/mL
							Styrene	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
							Carbon disulfide	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
					MSV_CCV_VOC#3_00260	200 uL	2-Butanone (MEK)	500 ug/mL
							2-Hexanone	500 ug/mL
							4-Methyl-2-pentanone (MIBK)	500 ug/mL
							Acetone	500 ug/mL
.MSV_CCV_VOC#1_00258	11/19/25	10/20/25	Methanol, Lot EJ274	5 mL	MSV_MegaMIX#1_00257	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							Benzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Methylene Chloride	1000 ug/mL
							Styrene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-249042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					MSV_MegaMix#2_00263	1 mL	Trichloroethene	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
..MSV_MegaMIX#1_00257	11/19/25		Restek, Lot A0224890		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							Benzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Methylene Chloride	5000 ug/mL
							Styrene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
..MSV_MegaMix#2_00263	11/19/25		Restek, Lot A0226118		(Purchased Reagent)		Carbon disulfide	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
.MSV_CCV_VOC#3_00260	11/19/25	10/20/25	Methanol, Lot EJ274	5 mL	MSV_V_Ketones_00251	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
..MSV_V_Ketones_00251	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_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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-249042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-249042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00261	200 uL	Acrolein	2439.7 ug/mL
					MSV_CCV_VOC#3_00261	200 uL	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_00314	150 uL	1,4-Dioxane	2500 ug/mL
					MSV_V_VOA2_00314	150 uL	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
							1,1,1,2-Tetrachloroethane	1000 ug/mL
.MSV_CCV_VOC#1_00259	11/26/25	10/27/25	Methanol, Lot EJ274	5 mL	MSV_MegaMIX#1_00258	1 mL	1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-249042-1

SDG No.:

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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-249042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-249042-1

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)	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-249042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chloro-1,3-butadiene	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 410-249042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isobutyl alcohol	62500 ug/mL
							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_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_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
							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_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

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-249042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_LLcentISS_00018	02/18/26	08/18/25	Methanol, Lot EJ274	50 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_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_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_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_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_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_V_BFB_00019							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Xylenes, Total	
					MSV_VBFB_STK_00014	0.246 mL	BFB	49.9183 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-249042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.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_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
					MSV_V_SMFreon_00073	100 uL	Chlorodifluoromethane	200 ug/mL
.MSV_CCV_2CEVE_00252	11/26/25	10/27/25	Methanol, Lot EJ274	5 mL	MSV_V_2CLEVE_00260	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
..MSV_V_2CLEVE_00260	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_00073	11/07/25		Restek, Lot A0197864		(Purchased Reagent)		Chlorodifluoromethane	2000 ug/mL

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

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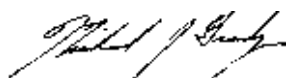
Product Name:

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_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:

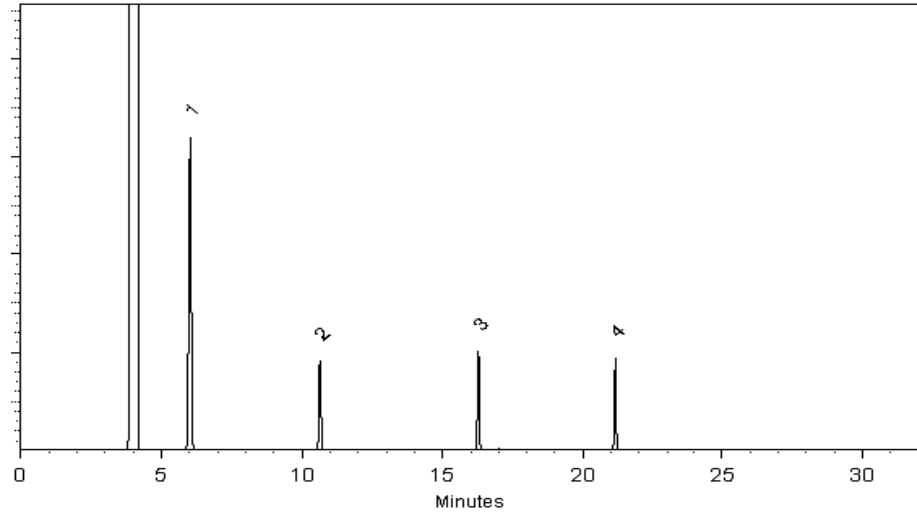
FID

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_00858



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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:

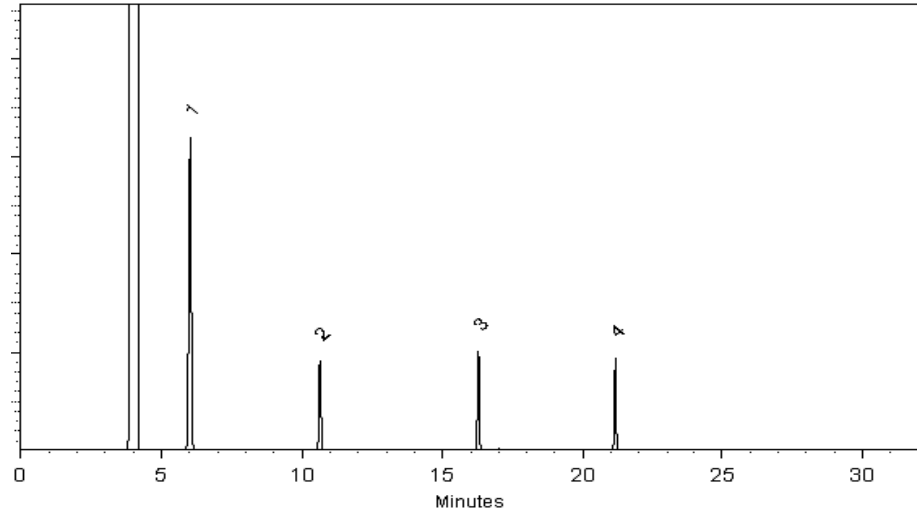
FID

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_00070



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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:

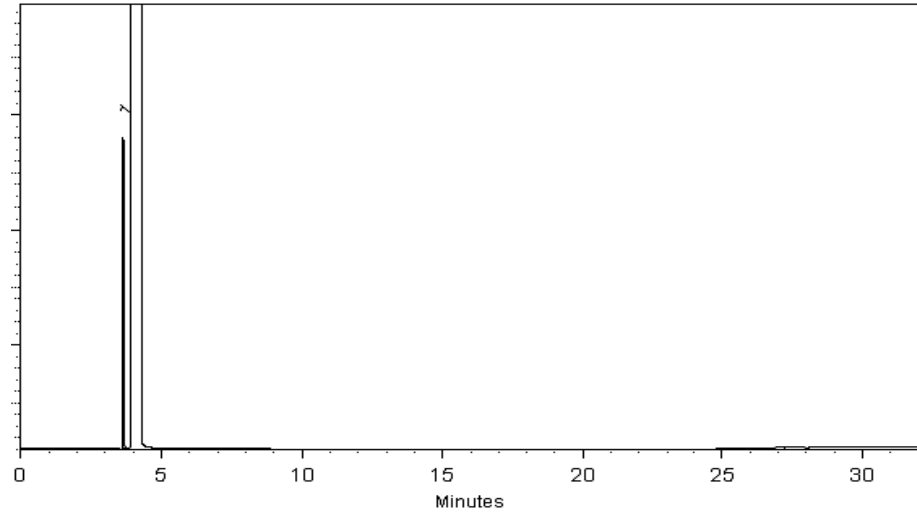
FID

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_V_PentaCL_00058



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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:

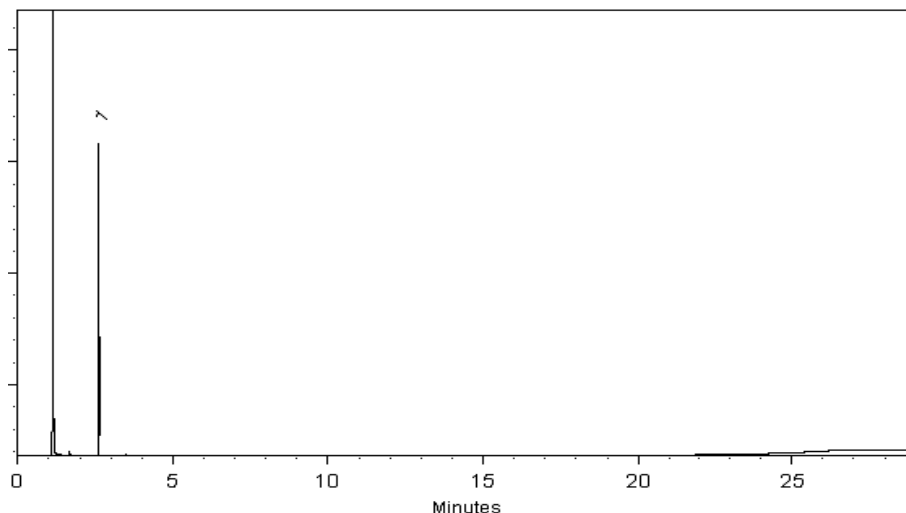
FID

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



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Tel: 1-814-353-1300
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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. : 577490 **Lot No.:** A0197864

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

Quality Confirmation Test

Column:

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

Carrier Gas:

helium-constant flow 2.0 mL/min.

Temp. Program:

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

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

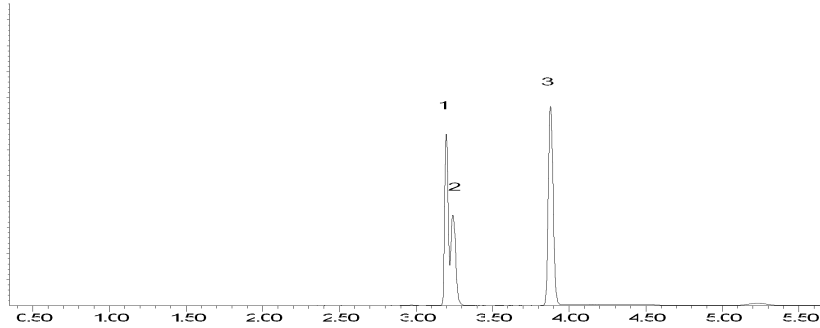
MSD

Split Vent:

Split ratio 10:1

Inj. Vol

1µl



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

Tom Suckar - Mix Technician

Date Mixed: 09-May-2023

Balance Serial # B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-May-2023

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

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

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

Manufacturing Notes:

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

Handling Notes:

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

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.: 410-249042-1

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-7-0/1-0	410-249042-1	101	100	98	98
HD-COD-SW-8-0/1-0	410-249042-2	99	99	98	98
HD-COD-SW-9-0/1-0	410-249042-3	101	98	97	98
HD-COD-SW-13-0/1-0	410-249042-4	101	100	98	98
HD-COD-SW-15-0/1-0	410-249042-5	102	101	97	98
HD-COD-SW-16-0/1-0	410-249042-6	100	99	98	99
HD-COD-SW-17-0/1-0	410-249042-7	103	101	92	96
HD-COD-SW-17-0/1-0 DL	410-249042-7 DL	101	100	97	96
HD-COD-SW-26-0/1-0	410-249042-8	100	101	97	98
HD-COD-SW-27-0/1-0	410-249042-9	101	100	97	99
HD-COD-SW-28-0/1-0	410-249042-10	101	101	97	97
HD-COD-SW-29-0/1-0	410-249042-11	100	101	97	99
HD-QC1-0/1-1	410-249042-12	101	98	94	97
HD-QC1-0/1-1 DL	410-249042-12 DL	102	100	97	97
HD-QC1-0/1-2	410-249042-13	100	100	98	99
	MB 410-722416/6	101	100	99	99
	LCS 410-722416/62	102	99	99	101
HD-COD-SW-15-0/1-0 MS MS	410-249042-5 MS	103	101	99	100
HD-COD-SW-15-0/1-0 MSD MSD	410-249042-5 MSD	101	102	99	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.: 410-249042-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: HC30X36.D

Lab ID: LCS 410-722416/62

Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	5.00	5.54	111	80-122	
1,1,1-Trichloroethane	5.00	5.74	115	78-126	
1,1,2,2-Tetrachloroethane	5.00	5.21	104	75-123	
1,1,2-Trichloroethane	5.00	5.51	110	80-120	
1,1-Dichloroethane	5.00	5.96	119	74-120	
1,1-Dichloroethene	5.00	6.05	121	80-131	
1,2-Dibromoethane (EDB)	5.00	5.60	112	80-120	
1,2-Dichloroethane	5.00	5.77	115	69-122	
1,2-Dichloropropane	5.00	5.81	116	80-120	
2-Butanone (MEK)	62.5	54.8	88	59-141	
2-Hexanone	62.5	60.5	97	52-140	
4-Methyl-2-pentanone (MIBK)	62.5	56.2	90	55-140	
Acetone	62.5	56.0	90	60-146	
Benzene	5.00	5.62	112	80-120	
Bromochloromethane	5.00	5.92	118	80-133	
Bromodichloromethane	5.00	5.65	113	80-123	
Bromoform	5.00	5.38	108	75-126	
Bromomethane	5.00	4.52	90	63-120	
Carbon disulfide	5.00	5.57	111	67-130	
Carbon tetrachloride	5.00	5.93	119	64-141	
Chlorobenzene	5.00	5.61	112	80-120	
Chloroethane	5.00	4.56	91	63-120	
Chloroform	5.00	5.70	114	80-120	
Chloromethane	5.00	4.29	86	56-124	
cis-1,2-Dichloroethene	5.00	5.97	119	80-122	
cis-1,3-Dichloropropene	5.00	5.54	111	67-121	
Dibromochloromethane	5.00	5.27	105	80-123	
Ethylbenzene	5.00	5.58	112	80-120	
Methyl tert-butyl ether	5.00	5.30	106	69-120	
Methylene Chloride	5.00	5.83	117	80-120	
Styrene	5.00	5.64	113	80-120	
Tetrachloroethene	5.00	5.37	107	80-120	
Toluene	5.00	5.47	109	80-120	
trans-1,2-Dichloroethene	5.00	5.87	117	80-122	
trans-1,3-Dichloropropene	5.00	5.52	110	61-129	
Trichloroethene	5.00	5.69	114	80-120	
Vinyl chloride	5.00	4.47	89	60-125	
Xylenes, Total	15.0	16.7	111	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.: 410-249042-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: HC30X45.D

Lab ID: 410-249042-5 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	5.76	115	80-122	
1,1,1-Trichloroethane	5.00	0.39 J	6.70	126	78-126	
1,1,2,2-Tetrachloroethane	5.00	ND	5.42	108	75-123	
1,1,2-Trichloroethane	5.00	ND	5.65	113	80-120	
1,1-Dichloroethane	5.00	0.12 J	6.45	127	74-120	FH
1,1-Dichloroethene	5.00	0.24 J	7.11	137	80-131	FH
1,2-Dibromoethane (EDB)	5.00	ND	5.77	115	80-120	
1,2-Dichloroethane	5.00	ND	5.97	119	69-122	
1,2-Dichloropropane	5.00	ND	6.04	121	80-120	FH
2-Butanone (MEK)	62.6	ND	54.9	88	59-141	
2-Hexanone	62.6	ND	58.5	93	52-140	
4-Methyl-2-pentanone (MIBK)	62.6	ND	54.9	88	55-140	
Acetone	62.6	ND	54.8	88	60-146	
Benzene	5.00	ND	5.98	119	80-120	
Bromochloromethane	5.00	ND	6.10	122	80-133	
Bromodichloromethane	5.00	ND	5.90	118	80-123	
Bromoform	5.00	ND	5.56	111	75-126	
Bromomethane	5.00	ND	4.97	99	63-120	
Carbon disulfide	5.00	ND	6.30	126	67-130	
Carbon tetrachloride	5.00	ND	6.58	132	64-141	
Chlorobenzene	5.00	ND	5.90	118	80-120	
Chloroethane	5.00	ND	5.02	100	63-120	
Chloroform	5.00	0.20 J	6.23	120	80-120	
Chloromethane	5.00	ND	4.82	96	80-120	
cis-1,2-Dichloroethene	5.00	1.7	8.02	127	80-122	FH
cis-1,3-Dichloropropene	5.00	ND	5.76	115	67-121	
Dibromochloromethane	5.00	ND	5.53	111	80-123	
Ethylbenzene	5.00	ND	5.95	119	80-120	
Methyl tert-butyl ether	5.00	ND	5.53	110	69-120	
Methylene Chloride	5.00	ND	6.23	124	80-120	FH
Styrene	5.00	ND	5.92	118	80-120	
Tetrachloroethene	5.00	5.2	11.2	120	80-120	
Toluene	5.00	ND	5.79	116	80-120	
trans-1,2-Dichloroethene	5.00	ND	6.43	129	80-122	FH
trans-1,3-Dichloropropene	5.00	ND	5.76	115	61-129	
Trichloroethene	5.00	1.7	7.84	124	80-120	FH
Vinyl chloride	5.00	ND	5.14	103	60-125	
Xylenes, Total	15.0	ND	17.6	117	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.: 410-249042-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: HC30X46.D

Lab ID: 410-249042-5 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	5.90	118	3	30	80-122	
1,1,1-Trichloroethane	5.00	6.71	126	0	30	78-126	
1,1,2,2-Tetrachloroethane	5.00	5.58	112	3	30	75-123	
1,1,2-Trichloroethane	5.00	5.88	118	4	30	80-120	
1,1-Dichloroethane	5.00	6.59	129	2	30	74-120	FH
1,1-Dichloroethene	5.00	7.15	138	1	30	80-131	FH
1,2-Dibromoethane (EDB)	5.00	5.93	118	3	30	80-120	
1,2-Dichloroethane	5.00	6.11	122	2	30	69-122	
1,2-Dichloropropane	5.00	6.17	123	2	30	80-120	FH
2-Butanone (MEK)	62.6	62.7	100	13	30	59-141	
2-Hexanone	62.6	65.8	105	12	30	52-140	
4-Methyl-2-pentanone (MIBK)	62.6	60.9	97	10	30	55-140	
Acetone	62.6	59.5	95	8	30	60-146	
Benzene	5.00	6.05	121	1	30	80-120	FH
Bromochloromethane	5.00	6.34	127	4	30	80-133	
Bromodichloromethane	5.00	6.12	122	4	30	80-123	
Bromoform	5.00	5.70	114	3	30	75-126	
Bromomethane	5.00	4.94	99	1	30	63-120	
Carbon disulfide	5.00	6.43	129	2	30	67-130	
Carbon tetrachloride	5.00	6.73	134	2	30	64-141	
Chlorobenzene	5.00	6.05	121	2	30	80-120	FH
Chloroethane	5.00	5.01	100	0	30	63-120	
Chloroform	5.00	6.37	123	2	30	80-120	FH
Chloromethane	5.00	4.57	91	5	30	80-120	
cis-1,2-Dichloroethene	5.00	8.19	130	2	30	80-122	FH
cis-1,3-Dichloropropene	5.00	5.87	117	2	30	67-121	
Dibromochloromethane	5.00	5.69	114	3	30	80-123	
Ethylbenzene	5.00	6.11	122	3	30	80-120	FH
Methyl tert-butyl ether	5.00	5.65	113	2	30	69-120	
Methylene Chloride	5.00	6.29	126	1	30	80-120	FH
Styrene	5.00	6.05	121	2	30	80-120	FH
Tetrachloroethene	5.00	11.3	122	1	30	80-120	FH
Toluene	5.00	6.00	120	4	30	80-120	
trans-1,2-Dichloroethene	5.00	6.44	129	0	30	80-122	FH
trans-1,3-Dichloropropene	5.00	5.97	119	4	30	61-129	
Trichloroethene	5.00	7.91	125	1	30	80-120	FH
Vinyl chloride	5.00	5.09	102	1	30	60-125	
Xylenes, Total	15.0	18.1	121	3	30	80-120	FH

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1
Environment Testing, LLC

SDG No.: _____

Lab File ID: HC30X35.D Lab Sample ID: MB 410-722416/6

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

Instrument ID: 19094 Date Analyzed: 10/30/2025 22:07

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 410-722416/62	HC30X36.D	10/30/2025 22:28
HD-QC1-0/1-2	410-249042-13	HC30X39.D	10/30/2025 23:30
HD-COD-SW-7-0/1-0	410-249042-1	HC30X40.D	10/30/2025 23:51
HD-COD-SW-8-0/1-0	410-249042-2	HC30X41.D	10/31/2025 00:12
HD-COD-SW-9-0/1-0	410-249042-3	HC30X42.D	10/31/2025 00:32
HD-COD-SW-13-0/1-0	410-249042-4	HC30X43.D	10/31/2025 00:53
HD-COD-SW-15-0/1-0	410-249042-5	HC30X44.D	10/31/2025 01:13
HD-COD-SW-15-0/1-0 MS MS	410-249042-5 MS	HC30X45.D	10/31/2025 01:34
HD-COD-SW-15-0/1-0 MSD MSD	410-249042-5 MSD	HC30X46.D	10/31/2025 01:55
HD-COD-SW-16-0/1-0	410-249042-6	HC30X47.D	10/31/2025 02:15
HD-COD-SW-26-0/1-0	410-249042-8	HC30X48.D	10/31/2025 02:36
HD-COD-SW-27-0/1-0	410-249042-9	HC30X49.D	10/31/2025 02:57
HD-COD-SW-28-0/1-0	410-249042-10	HC30X50.D	10/31/2025 03:18
HD-COD-SW-29-0/1-0	410-249042-11	HC30X51.D	10/31/2025 03:38
HD-COD-SW-17-0/1-0	410-249042-7	HC30X52.D	10/31/2025 03:59
HD-COD-SW-17-0/1-0 DL	410-249042-7 DL	HC30X53.D	10/31/2025 04:20
HD-QC1-0/1-1	410-249042-12	HC30X54.D	10/31/2025 04:40
HD-QC1-0/1-1 DL	410-249042-12 DL	HC30X55.D	10/31/2025 05:01

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

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-249042-1

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.: 410-249042-1

SDG No.:

Lab File ID: HC30T31.D

BFB Injection Date: 10/30/2025

Instrument ID: 19094

BFB Injection Time: 20:29

Analysis Batch No.: 722416

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.5
75	30.0 - 60.0 % of mass 95	48.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.6
173	Less than 2.0 % of mass 174	0.4 (0.5) 1
174	Greater than 50% of mass 95	82.1
175	5.0 - 9.0 % of mass 174	6.1 (7.4) 1
176	95.0 - 101.0 % of mass 174	79.0 (96.2) 1
177	5.0 - 9.0 % of mass 176	5.3 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 410-722416/3	HC30X32.D	10/30/2025	21:04
	MB 410-722416/6	HC30X35.D	10/30/2025	22:07
	LCS 410-722416/62	HC30X36.D	10/30/2025	22:28
HD-QC1-0/1-2	410-249042-13	HC30X39.D	10/30/2025	23:30
HD-COD-SW-7-0/1-0	410-249042-1	HC30X40.D	10/30/2025	23:51
HD-COD-SW-8-0/1-0	410-249042-2	HC30X41.D	10/31/2025	0:12
HD-COD-SW-9-0/1-0	410-249042-3	HC30X42.D	10/31/2025	0:32
HD-COD-SW-13-0/1-0	410-249042-4	HC30X43.D	10/31/2025	0:53
HD-COD-SW-15-0/1-0	410-249042-5	HC30X44.D	10/31/2025	1:13
HD-COD-SW-15-0/1-0 MS MS	410-249042-5 MS	HC30X45.D	10/31/2025	1:34
HD-COD-SW-15-0/1-0 MSD MSD	410-249042-5 MSD	HC30X46.D	10/31/2025	1:55
HD-COD-SW-16-0/1-0	410-249042-6	HC30X47.D	10/31/2025	2:15
HD-COD-SW-26-0/1-0	410-249042-8	HC30X48.D	10/31/2025	2:36
HD-COD-SW-27-0/1-0	410-249042-9	HC30X49.D	10/31/2025	2:57
HD-COD-SW-28-0/1-0	410-249042-10	HC30X50.D	10/31/2025	3:18
HD-COD-SW-29-0/1-0	410-249042-11	HC30X51.D	10/31/2025	3:38
HD-COD-SW-17-0/1-0	410-249042-7	HC30X52.D	10/31/2025	3:59
HD-COD-SW-17-0/1-0 DL	410-249042-7 DL	HC30X53.D	10/31/2025	4:20
HD-QC1-0/1-1	410-249042-12	HC30X54.D	10/31/2025	4:40
HD-QC1-0/1-1 DL	410-249042-12 DL	HC30X55.D	10/31/2025	5:01

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

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1
 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 410-722416/3		71140	3.82	2039107	7.32	1480866	10.93

TBAd10 = t-Butyl alcohol-d10 (IS)

FB = Fluorobenzene (IS)

CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 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.: 410-249042-1
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 410-722416/3		847074	12.84				

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.: 410-249042-1
 Environment Testing, LLC

SDG No.:

Sample No.: CCVIS 410-722416/3 Date Analyzed: 10/30/2025 21:04

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

Lab File ID (Standard): HC30X32.D Heated Purge: (Y/N) N

Calibration ID: 77994

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		71140	3.82	2039107	7.32	1480866	10.93
UPPER LIMIT		142280	4.32	4078214	7.82	2961732	11.43
LOWER LIMIT		35570	3.32	1019554	6.82	740433	10.43
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 410-722416/6		77260	3.83	1910528	7.32	1405675	10.93
LCS 410-722416/62		80967	3.83	1991654	7.32	1466976	10.92
410-249042-13	HD-QC1-0/1-2	75787	3.82	1906526	7.32	1411799	10.93
410-249042-1	HD-COD-SW-7-0/1-0	77522	3.83	1936203	7.32	1420535	10.93
410-249042-2	HD-COD-SW-8-0/1-0	74855	3.83	1940549	7.32	1424631	10.93
410-249042-3	HD-COD-SW-9-0/1-0	75227	3.83	1923108	7.32	1424740	10.93
410-249042-4	HD-COD-SW-13-0/1-0	81403	3.84	1940933	7.32	1421121	10.93
410-249042-5	HD-COD-SW-15-0/1-0	76718	3.81	1901136	7.31	1413089	10.92
410-249042-5 MS	HD-COD-SW-15-0/1-0 MS	87023	3.82	2017381	7.32	1488837	10.92
410-249042-5 MSD	HD-COD-SW-15-0/1-0	77452	3.82	1978210	7.32	1445034	10.92
	MSD MSD						
410-249042-6	HD-COD-SW-16-0/1-0	76899	3.82	1918620	7.32	1419274	10.93
410-249042-8	HD-COD-SW-26-0/1-0	76938	3.83	1937394	7.32	1426887	10.93
410-249042-9	HD-COD-SW-27-0/1-0	84854	3.83	1920843	7.32	1418535	10.93
410-249042-10	HD-COD-SW-28-0/1-0	80974	3.83	1940811	7.32	1435661	10.92
410-249042-11	HD-COD-SW-29-0/1-0	83329	3.84	1950785	7.32	1435434	10.93
410-249042-7	HD-COD-SW-17-0/1-0	84188	3.84	1900456	7.32	1476723	10.93
410-249042-7 DL	HD-COD-SW-17-0/1-0 DL	71582	3.82	1884848	7.32	1410660	10.93
410-249042-12	HD-QC1-0/1-1	79132	3.84	1948188	7.32	1494195	10.93
410-249042-12 DL	HD-QC1-0/1-1 DL	78308	3.82	1889903	7.32	1409676	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.: 410-249042-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: CCVIS 410-722416/3 Date Analyzed: 10/30/2025 21:04

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

Lab File ID (Standard): HC30X32.D Heated Purge: (Y/N) N

Calibration ID: 77994

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		847074	12.84				
UPPER LIMIT		1694148	13.34				
LOWER LIMIT		423537	12.34				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 410-722416/6		775322	12.84				
LCS 410-722416/62		833411	12.84				
410-249042-13	HD-QC1-0/1-2	765608	12.84				
410-249042-1	HD-COD-SW-7-0/1-0	776131	12.84				
410-249042-2	HD-COD-SW-8-0/1-0	784799	12.84				
410-249042-3	HD-COD-SW-9-0/1-0	777797	12.84				
410-249042-4	HD-COD-SW-13-0/1-0	775882	12.84				
410-249042-5	HD-COD-SW-15-0/1-0	765841	12.84				
410-249042-5 MS	HD-COD-SW-15-0/1-0 MS	847474	12.84				
410-249042-5 MSD	HD-COD-SW-15-0/1-0 MSD MSD	817254	12.84				
410-249042-6	HD-COD-SW-16-0/1-0	775492	12.84				
410-249042-8	HD-COD-SW-26-0/1-0	770166	12.84				
410-249042-9	HD-COD-SW-27-0/1-0	772436	12.84				
410-249042-10	HD-COD-SW-28-0/1-0	777597	12.84				
410-249042-11	HD-COD-SW-29-0/1-0	779257	12.84				
410-249042-7	HD-COD-SW-17-0/1-0	785325	12.84				
410-249042-7 DL	HD-COD-SW-17-0/1-0 DL	762692	12.84				
410-249042-12	HD-QC1-0/1-1	793689	12.84				
410-249042-12 DL	HD-QC1-0/1-1 DL	767921	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 I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-249042-1

SDG No.:

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

Lab Sample ID: 410-249042-1

Matrix: Water

Lab File ID: HC30X40.D

Analysis Method: 8260D

Date Collected: 10/24/2025 10:30

Sample wt/vol: 25 (mL)

Date Analyzed: 10/30/2025 23:51

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.: 722416

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	2.0	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	0.15	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	0.27	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.: 410-249042-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-7-0/1-0 Lab Sample ID: 410-249042-1

Matrix: Water Lab File ID: HC30X40.D

Analysis Method: 8260D Date Collected: 10/24/2025 10:30

Sample wt/vol: 25 (mL) Date Analyzed: 10/30/2025 23:51

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.: 722416 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	0.29	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)	98		80-120
1868-53-7	Dibromofluoromethane (Surr)	101		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\19094\20251030-165098.b\HC30X40.D
 Lims ID: 410-249042-A-1
 Client ID: HD-COD-SW-7-0/1-0
 Sample Type: Client
 Inject. Date: 30-Oct-2025 23:51:30 ALS Bottle#: 10 Worklist Smp#: 9
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0165098-009
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 31-Oct-2025 00:06:50 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 13:48:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	2.008	2.007	0.001	96	6760	0.0775	
7 Vinyl chloride	62		2.111				ND	7
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.459				ND	
17 1,1-Dichloroethene	96		3.227				ND	
19 Acetone	43	3.324	3.257	0.067	32	11256	2.01	
23 Carbon disulfide	76	3.519	3.513	0.006	54	4856	0.0363	
27 Methylene Chloride	84		3.818				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.830	3.824	0.006	31	77522	50.0	
31 Methyl tert-butyl ether	73		4.184				ND	
33 trans-1,2-Dichloroethene	96		4.202				ND	
35 1,1-Dichloroethane	63		4.854				ND	
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.720	5.702	0.018	80	14913	0.2717	
47 Chlorobromomethane	128		6.037				ND	
50 Chloroform	83	6.202	6.196	0.006	93	14170	0.1506	
\$ 51 Dibromofluoromethane (Surr)	113	6.415	6.415	0.000	93	447110	10.1	
52 1,1,1-Trichloroethane	97		6.427				ND	
56 Carbon tetrachloride	117		6.641				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.866	6.872	-0.006	45	82151	10.0	
59 Benzene	78	6.915	6.903	0.012	41	6384	0.0284	
60 1,2-Dichloroethane	62		6.976				ND	
* 64 Fluorobenzene (IS)	96	7.317	7.323	-0.006	99	1936203	10.0	
67 Trichloroethene	95	7.823	7.811	0.012	97	16921	0.2867	
70 1,2-Dichloropropane	63		8.146				ND	
76 Dichlorobromomethane	83		8.500				ND	
80 cis-1,3-Dichloropropene	75		9.073				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.256				ND	7
\$ 82 Toluene-d8 (Surr)	98	9.402	9.402	0.000	94	1959604	9.78	
84 Toluene	92	9.488	9.482	0.006	96	5715	0.0382	
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.975				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.067	10.067	0.000	95	5597	0.0827	
109 2-Hexanone	43		10.195				ND	
111 Chlorodibromomethane	129		10.366				ND	
112 Ethylene Dibromide	107		10.481				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.927	10.926	0.001	87	1420535	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		11.164				ND	7
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.499				ND	7
121 Styrene	104		11.512				ND	7
122 Bromoform	173		11.670				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	707180	9.82	
127 1,1,2,2-Tetrachloroethane	83		12.054				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	776131	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: 31-Oct-2025 13:48:14

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X40.D

Injection Date: 30-Oct-2025 23:51:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: 410-249042-A-1

Lab Sample ID: 410-249042-1

Worklist Smp#: 9

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

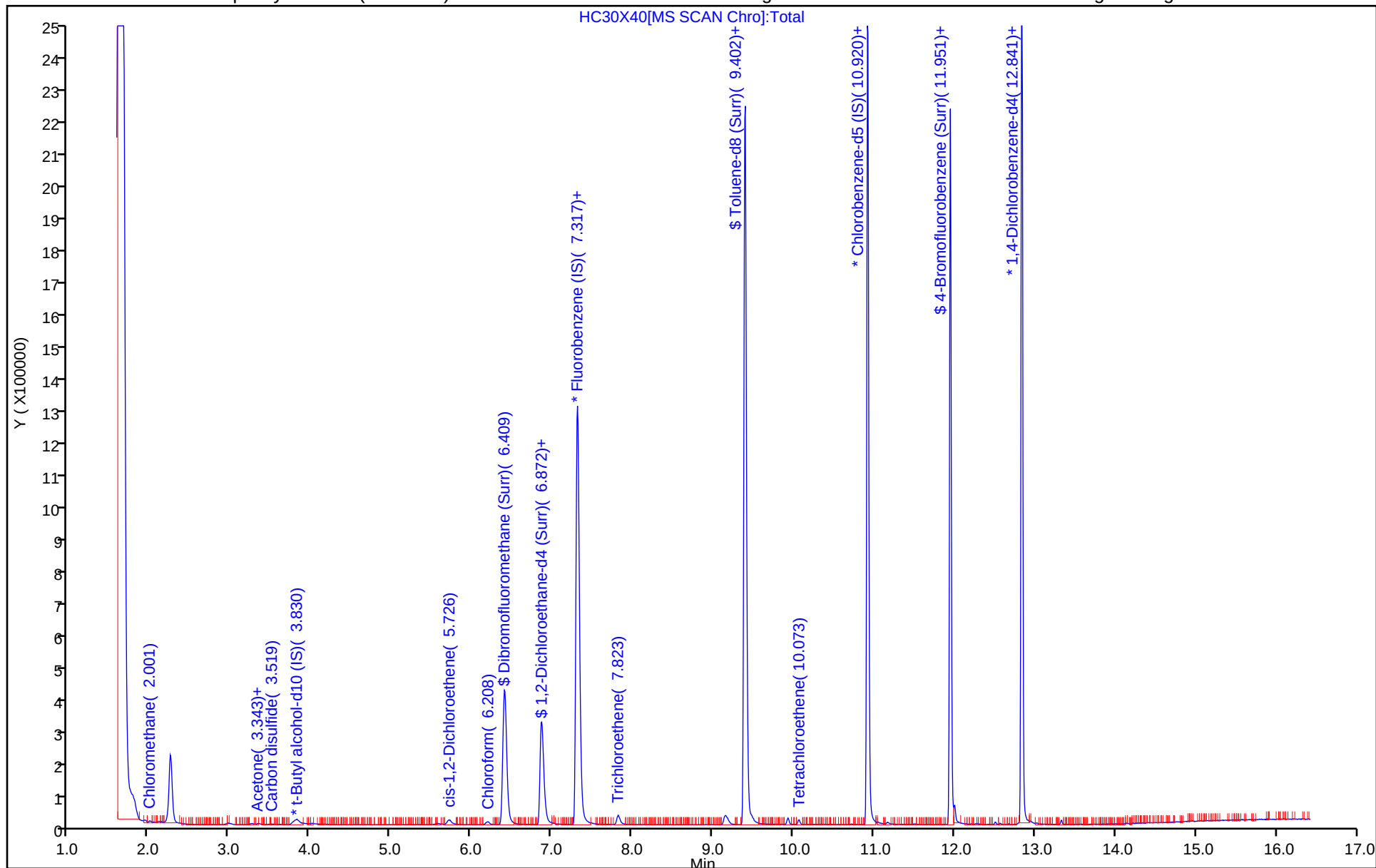
ALS Bottle#: 10

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\20251030-165098.b\HC30X40.D
Lims ID: 410-249042-A-1
Client ID: HD-COD-SW-7-0/1-0
Sample Type: Client
Inject. Date: 30-Oct-2025 23:51:30 ALS Bottle#: 10 Worklist Smp#: 9
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0165098-009
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 31-Oct-2025 00:06:50 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 13:48:13

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	10.1	100.88
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.0	100.48
\$ 82 Toluene-d8 (Surr)	10.0	9.78	97.81
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.82	98.16

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X40.D

Injection Date: 30-Oct-2025 23:51:30

Instrument ID: 19094

Lims ID: 410-249042-A-1

Lab Sample ID: 410-249042-1

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

Operator ID: gaw91131

ALS Bottle#: 10

Worklist Smp#: 9

Purge Vol: 25.000 mL

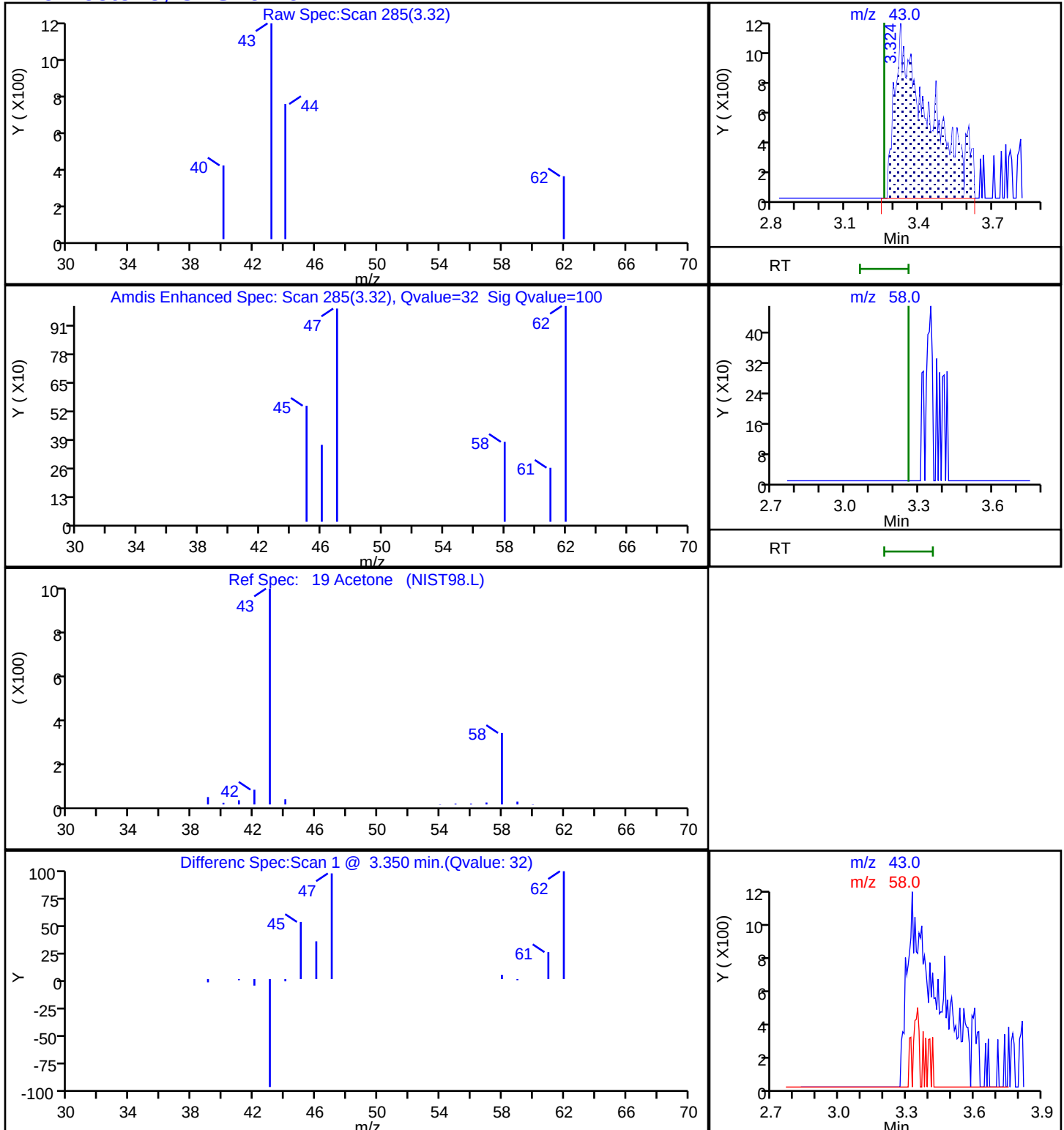
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

19 Acetone, CAS: 67-64-1

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X40.D

Injection Date: 30-Oct-2025 23:51:30

Instrument ID: 19094

Lims ID: 410-249042-A-1

Lab Sample ID: 410-249042-1

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

Operator ID: gaw91131

ALS Bottle#: 10

Worklist Smp#: 9

Purge Vol: 25.000 mL

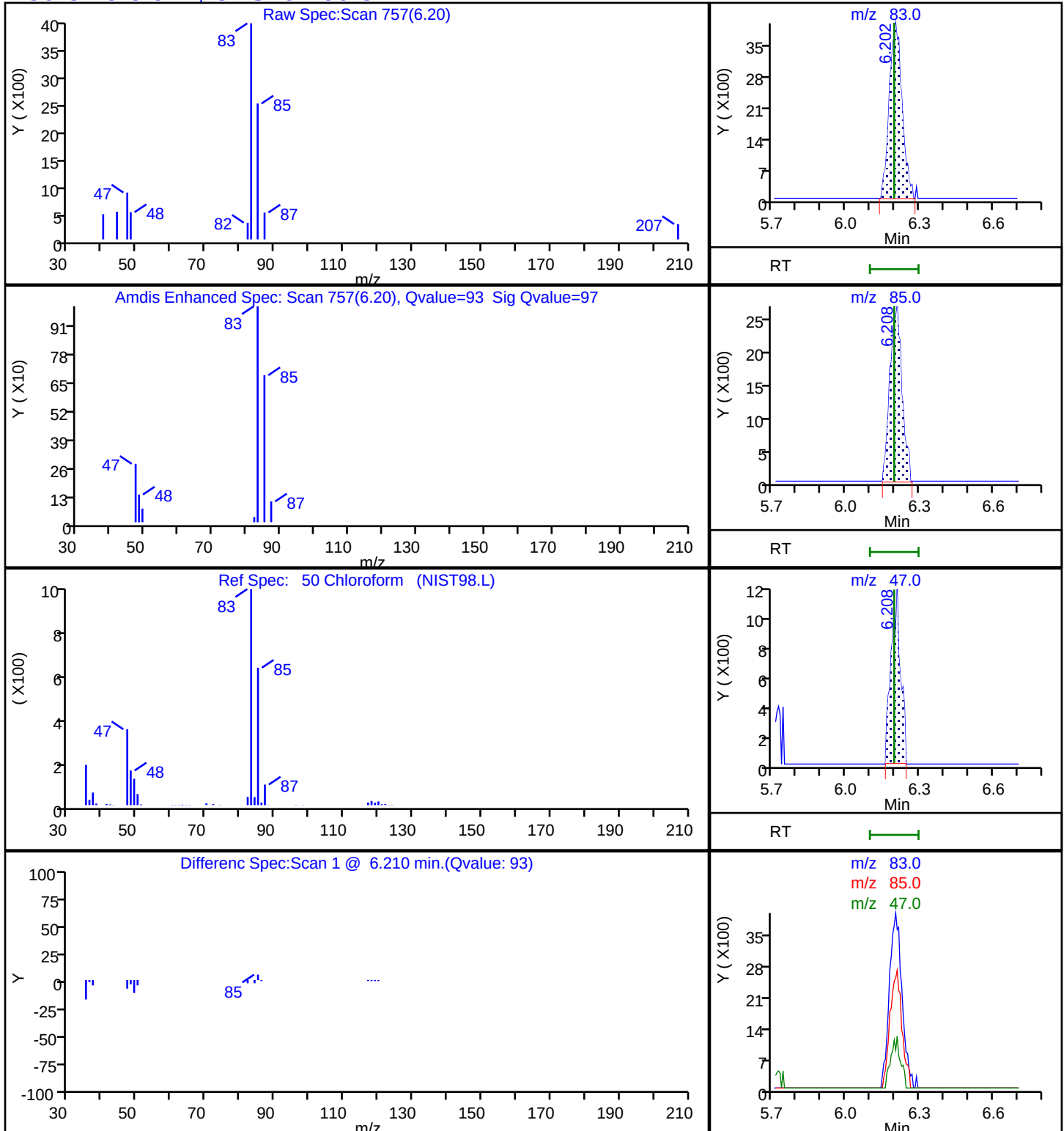
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

50 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X40.D

Injection Date: 30-Oct-2025 23:51:30

Instrument ID: 19094

Lims ID: 410-249042-A-1

Lab Sample ID: 410-249042-1

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

Operator ID: gaw91131

ALS Bottle#: 10

Worklist Smp#: 9

Purge Vol: 25.000 mL

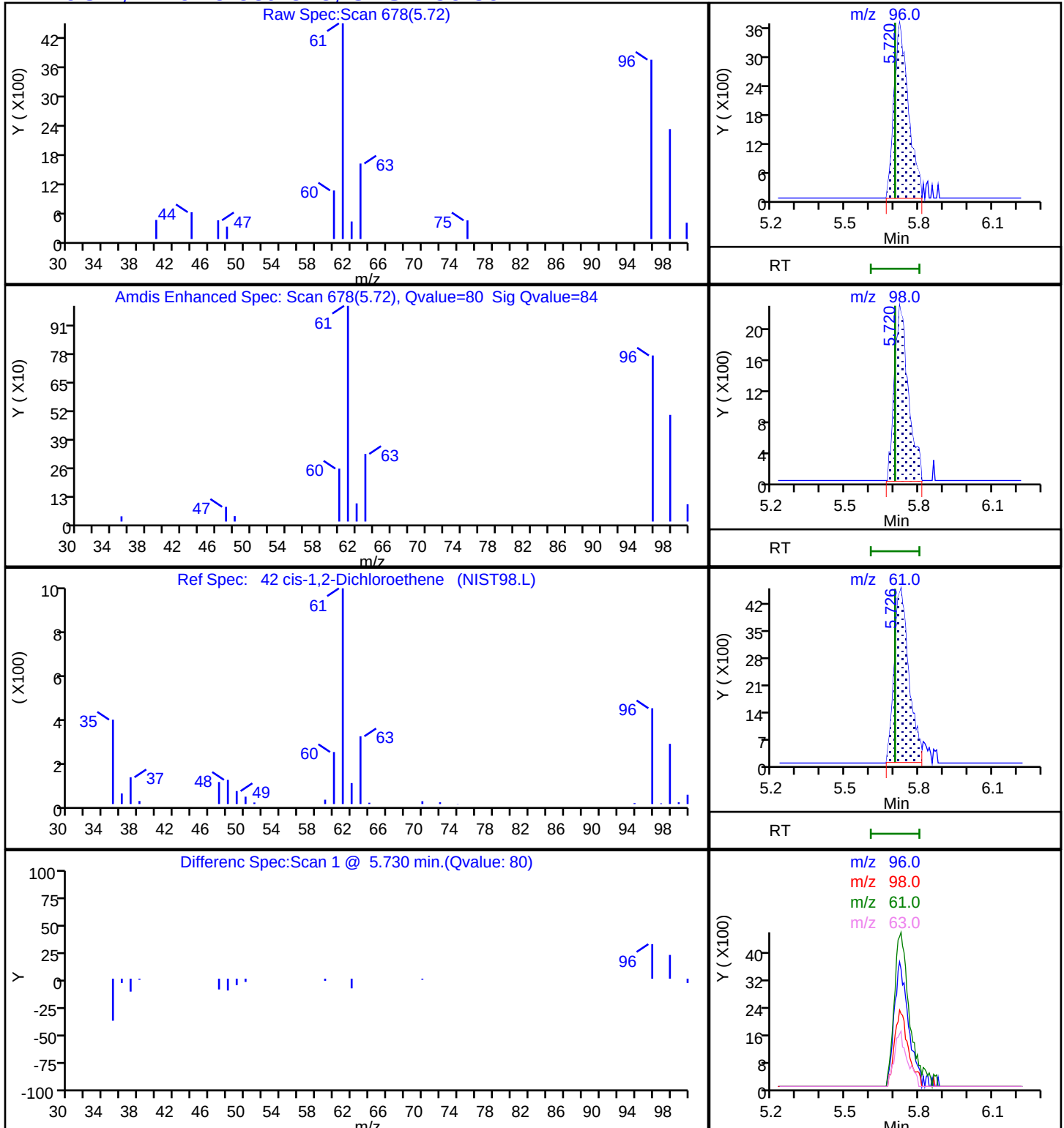
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X40.D

Injection Date: 30-Oct-2025 23:51:30

Instrument ID: 19094

Lims ID: 410-249042-A-1

Lab Sample ID: 410-249042-1

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

Operator ID: gaw91131

ALS Bottle#: 10

Worklist Smp#: 9

Purge Vol: 25.000 mL

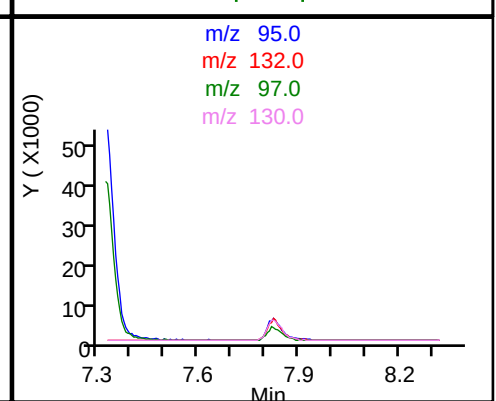
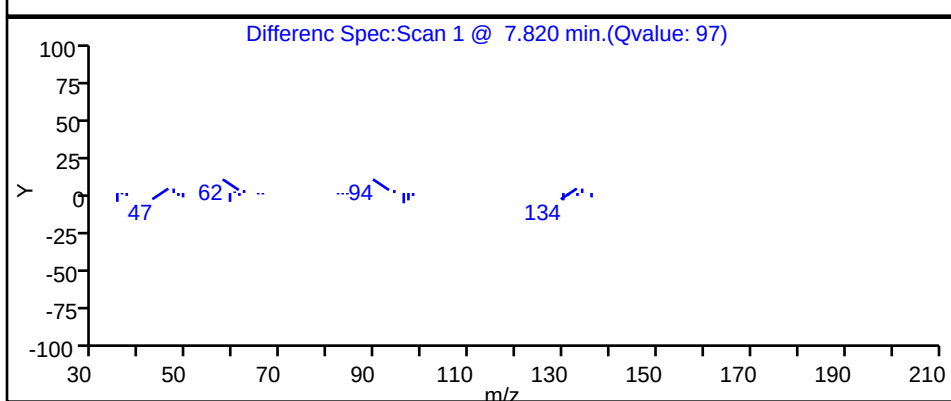
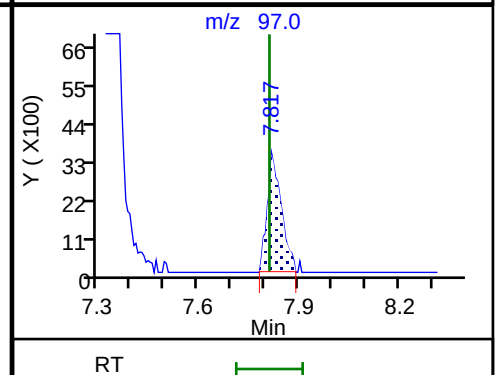
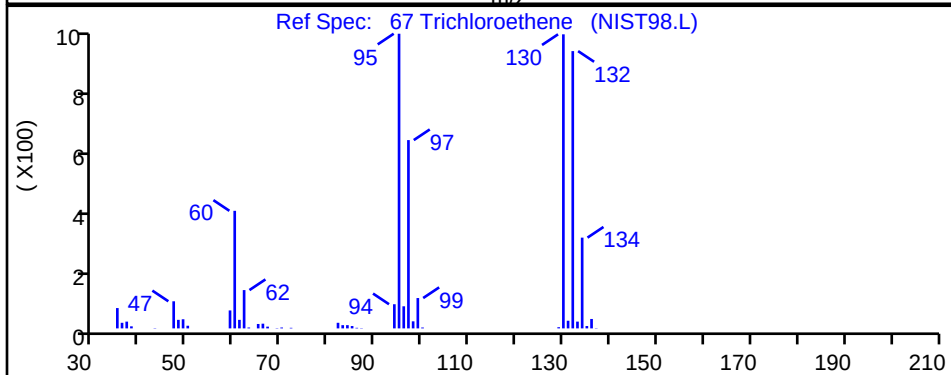
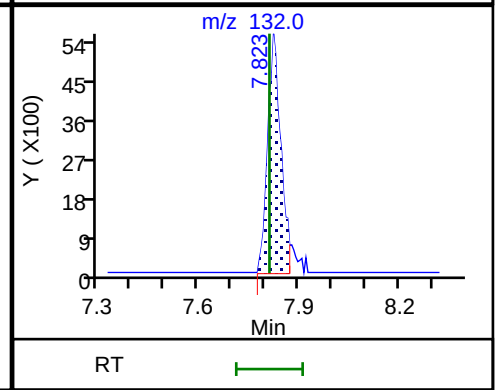
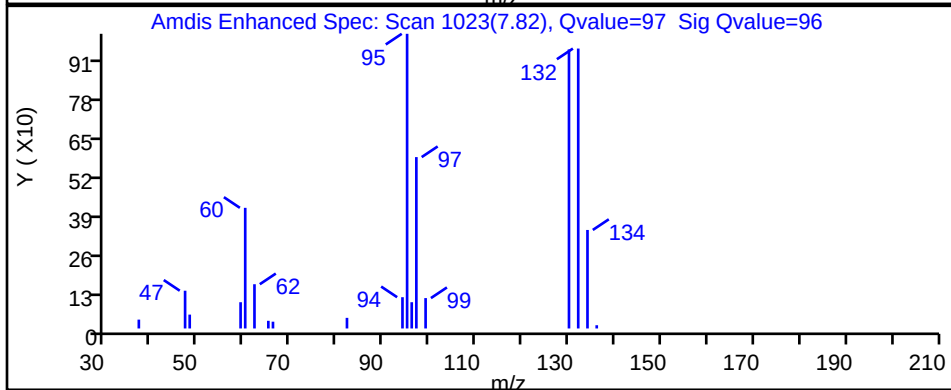
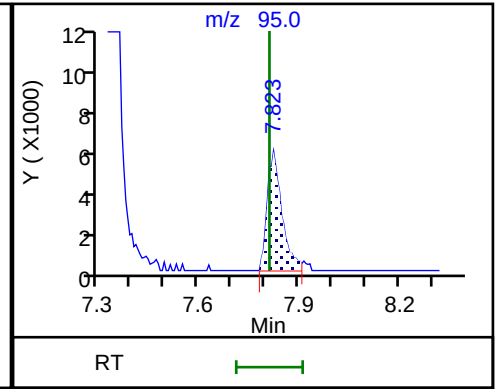
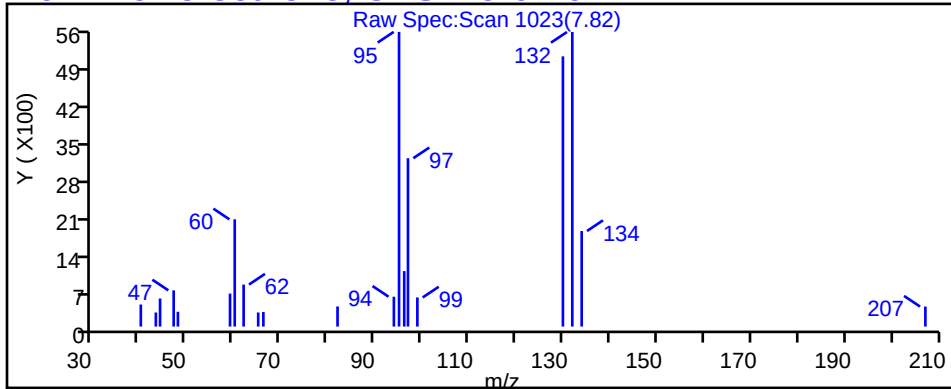
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

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.: 410-249042-1

SDG No.:

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

Lab Sample ID: 410-249042-2

Matrix: Water

Lab File ID: HC30X41.D

Analysis Method: 8260D

Date Collected: 10/24/2025 08:55

Sample wt/vol: 25 (mL)

Date Analyzed: 10/31/2025 00:12

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.: 722416

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	0.094	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	2.1	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	0.30	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	1.3		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-8-0/1-0 Lab Sample ID: 410-249042-2

Matrix: Water Lab File ID: HC30X41.D

Analysis Method: 8260D Date Collected: 10/24/2025 08:55

Sample wt/vol: 25 (mL) Date Analyzed: 10/31/2025 00:12

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.: 722416 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	0.29	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)	98		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X41.D
 Lims ID: 410-249042-A-2
 Client ID: HD-COD-SW-8-0/1-0
 Sample Type: Client
 Inject. Date: 31-Oct-2025 00:12:30 ALS Bottle#: 11 Worklist Smp#: 10
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0165098-010
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 31-Oct-2025 00:06:50 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 13:49:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	2.002	2.007	-0.005	96	5814	0.0665	
7 Vinyl chloride	62		2.111				ND	7
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.459				ND	
17 1,1-Dichloroethene	96		3.227				ND	
19 Acetone	43	3.324	3.257	0.067	74	11330	2.09	
23 Carbon disulfide	76		3.513				ND	7
27 Methylene Chloride	84		3.818				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.830	3.824	0.006	30	74855	50.0	
31 Methyl tert-butyl ether	73		4.184				ND	
33 trans-1,2-Dichloroethene	96		4.202				ND	
35 1,1-Dichloroethane	63		4.854				ND	7
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.733	5.702	0.030	79	16427	0.2986	
47 Chlorobromomethane	128		6.037				ND	
50 Chloroform	83	6.196	6.196	0.000	92	9724	0.1031	
\$ 51 Dibromofluoromethane (Surr)	113	6.415	6.415	0.000	93	441002	9.93	
52 1,1,1-Trichloroethane	97	6.421	6.427	-0.006	65	8369	0.0939	
56 Carbon tetrachloride	117		6.641				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.873	6.872	0.001	80	81034	9.89	
59 Benzene	78	6.915	6.903	0.012	88	6273	0.0278	
60 1,2-Dichloroethane	62		6.976				ND	
* 64 Fluorobenzene (IS)	96	7.318	7.323	-0.005	99	1940549	10.0	
67 Trichloroethene	95	7.824	7.811	0.013	98	17234	0.2913	
70 1,2-Dichloropropane	63		8.146				ND	
76 Dichlorobromomethane	83		8.500				ND	
80 cis-1,3-Dichloropropene	75		9.073				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.256				ND	7
\$ 82 Toluene-d8 (Surr)	98	9.403	9.402	0.001	94	1966619	9.79	
84 Toluene	92	9.488	9.482	0.006	97	7406	0.0493	
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.975				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.067	10.067	0.000	97	90583	1.33	
109 2-Hexanone	43		10.195				ND	
111 Chlorodibromomethane	129		10.366				ND	
112 Ethylene Dibromide	107		10.481				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.927	10.926	0.001	87	1424631	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		11.164				ND	7
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.499				ND	7
121 Styrene	104		11.512				ND	7
122 Bromoform	173		11.670				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	707008	9.79	
127 1,1,2,2-Tetrachloroethane	83		12.054				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	95	784799	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

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X41.D

Injection Date: 31-Oct-2025 00:12:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: 410-249042-A-2

Lab Sample ID: 410-249042-2

Worklist Smp#: 10

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

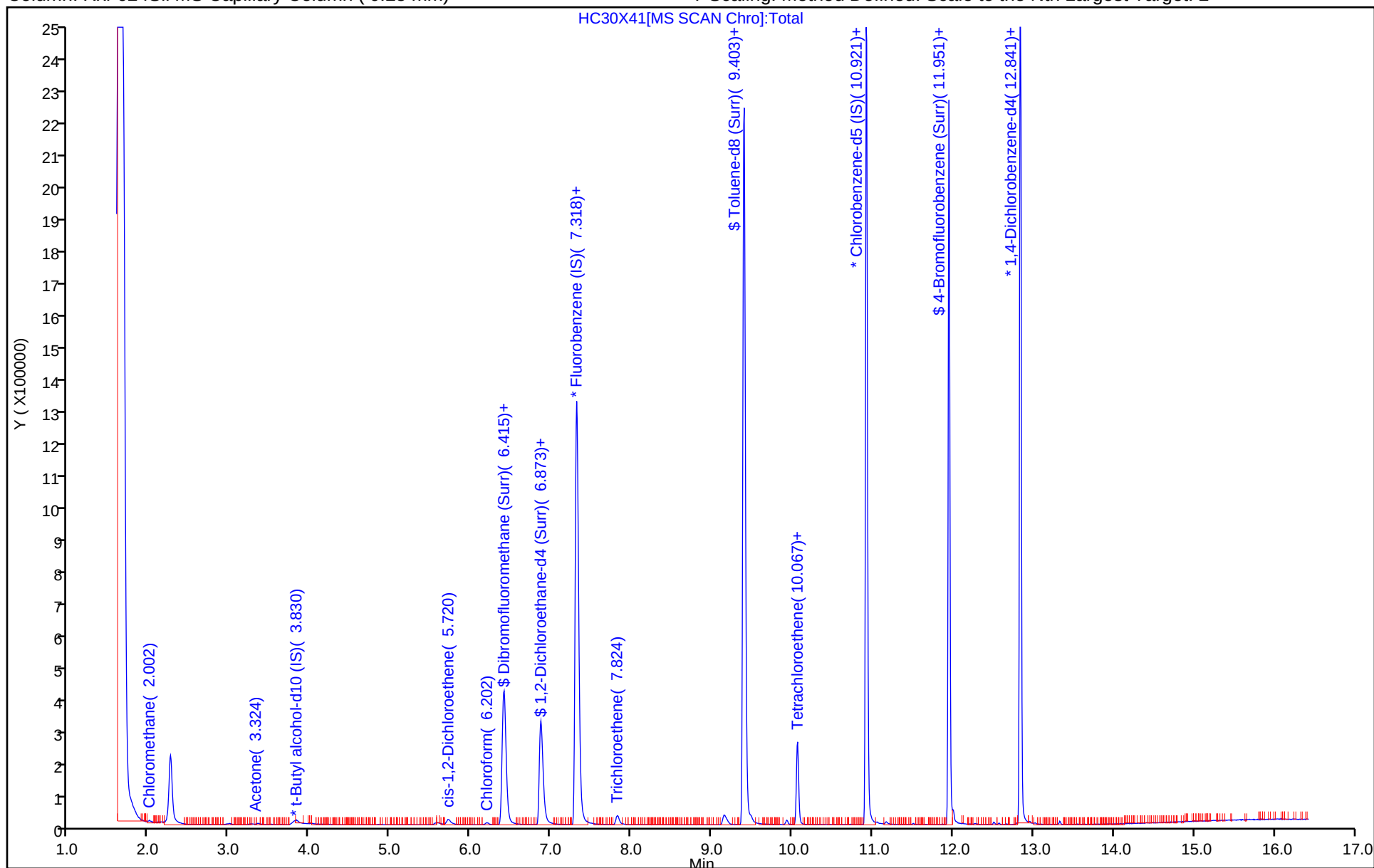
ALS Bottle#: 11

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\20251030-165098.b\HC30X41.D
Lims ID: 410-249042-A-2
Client ID: HD-COD-SW-8-0/1-0
Sample Type: Client
Inject. Date: 31-Oct-2025 00:12:30 ALS Bottle#: 11 Worklist Smp#: 10
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0165098-010
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 31-Oct-2025 00:06:50 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 13:49:08

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	9.93	99.28
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	9.89	98.89
\$ 82 Toluene-d8 (Surr)	10.0	9.79	97.88
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.79	97.85

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X41.D

Injection Date: 31-Oct-2025 00:12:30

Instrument ID: 19094

Lims ID: 410-249042-A-2

Lab Sample ID: 410-249042-2

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

Operator ID: gaw91131

ALS Bottle#: 11

Worklist Smp#: 10

Purge Vol: 25.000 mL

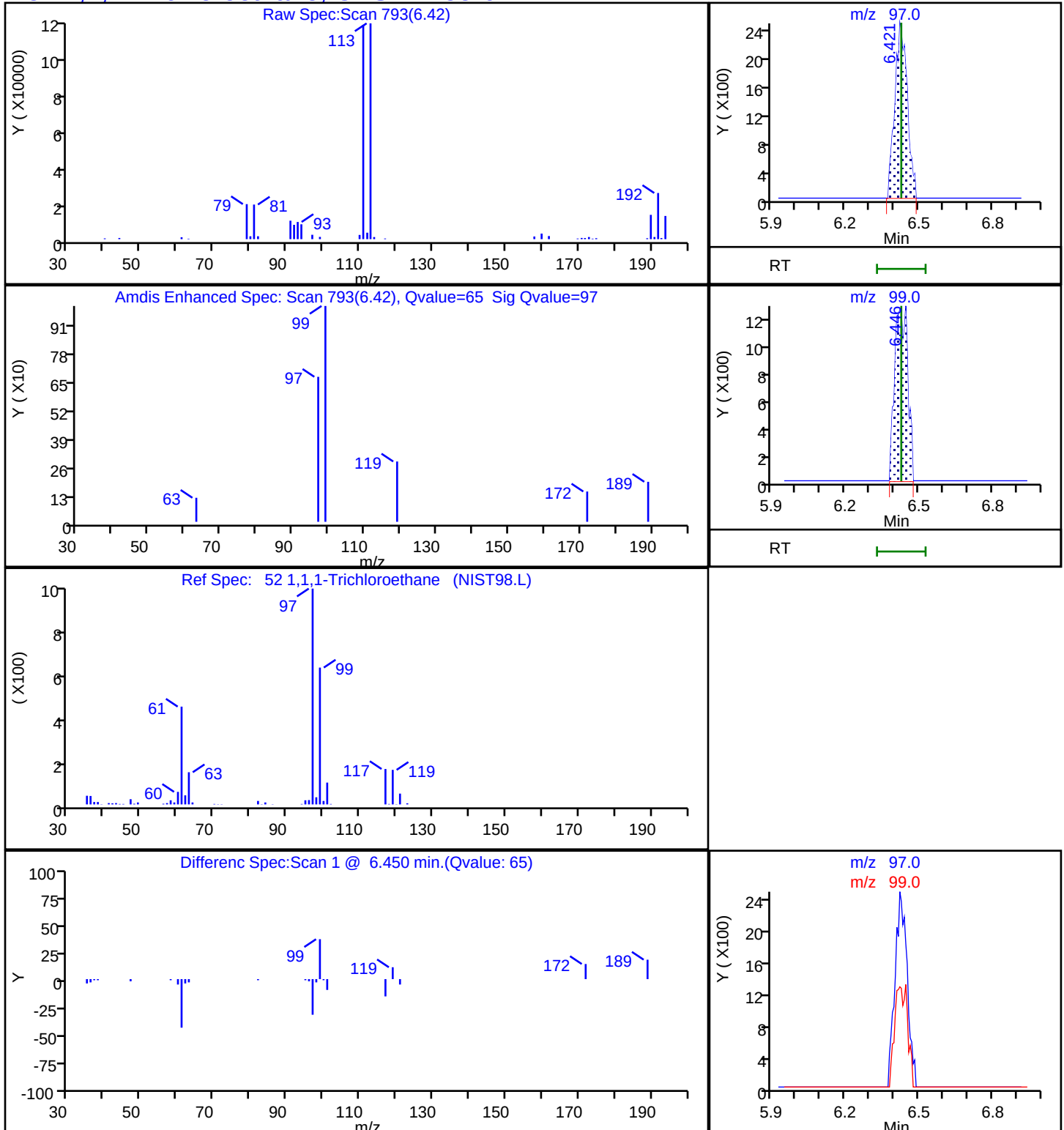
Dil. Factor: 1.0000

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X41.D

Injection Date: 31-Oct-2025 00:12:30

Instrument ID: 19094

Lims ID: 410-249042-A-2

Lab Sample ID: 410-249042-2

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

Operator ID: gaw91131

ALS Bottle#: 11

Worklist Smp#: 10

Purge Vol: 25.000 mL

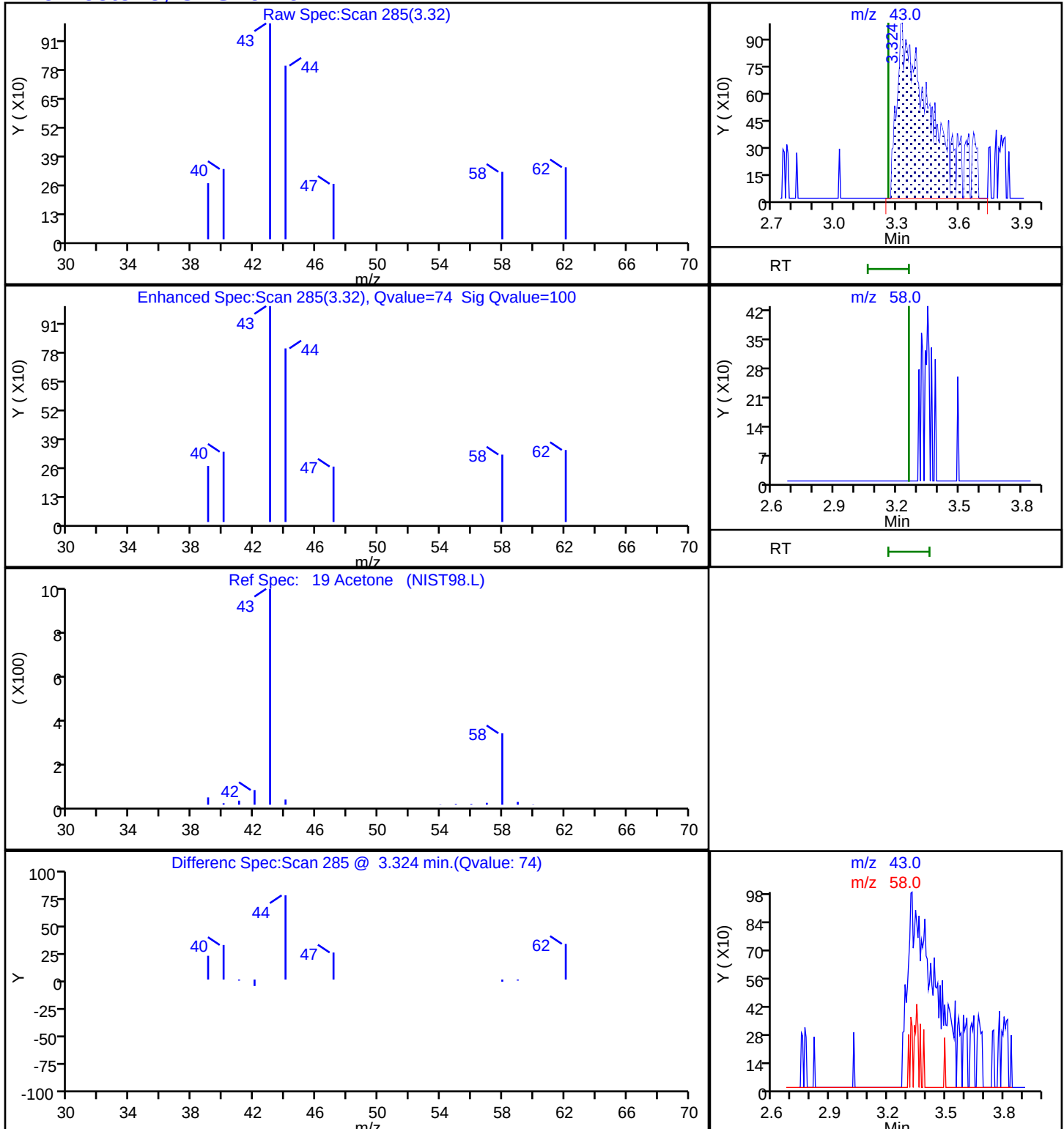
Dil. Factor: 1.0000

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X41.D

Injection Date: 31-Oct-2025 00:12:30

Instrument ID: 19094

Lims ID: 410-249042-A-2

Lab Sample ID: 410-249042-2

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

Operator ID: gaw91131

ALS Bottle#: 11

Worklist Smp#: 10

Purge Vol: 25.000 mL

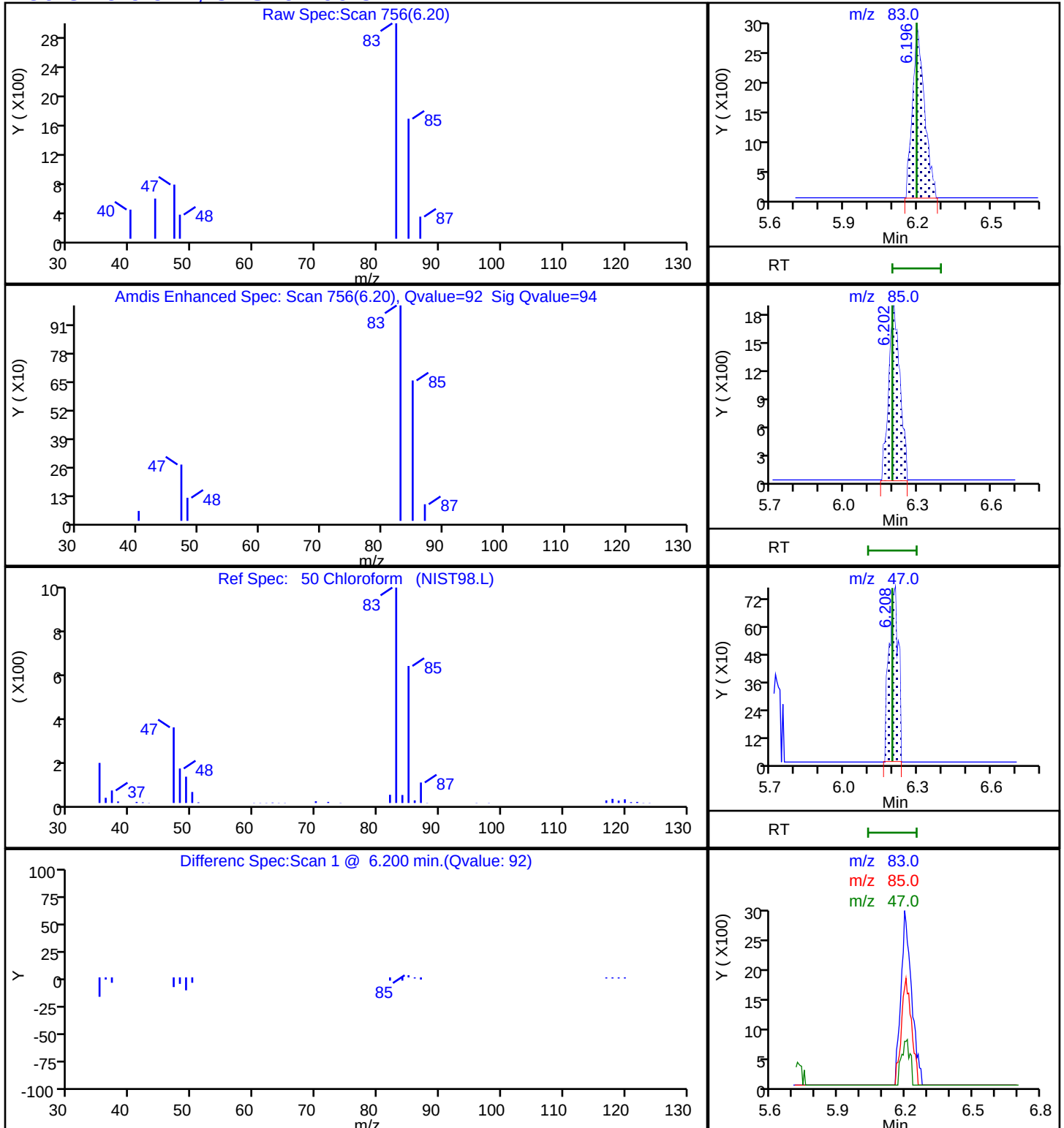
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.)

MS Quad

50 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X41.D

Injection Date: 31-Oct-2025 00:12:30

Instrument ID: 19094

Lims ID: 410-249042-A-2

Lab Sample ID: 410-249042-2

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

Operator ID: gaw91131

ALS Bottle#: 11

Worklist Smp#: 10

Purge Vol: 25.000 mL

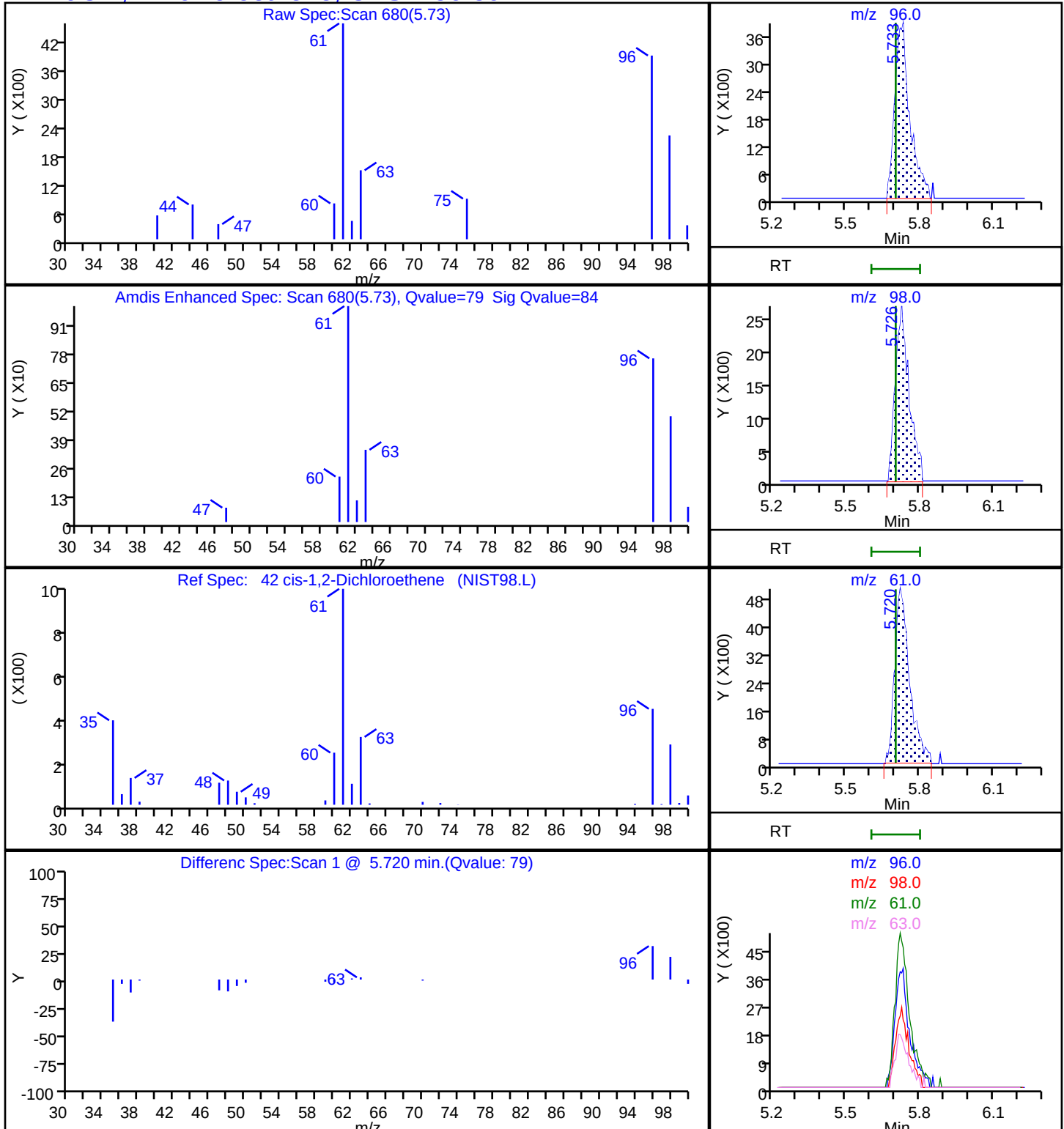
Dil. Factor: 1.0000

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\20251030-165098.b\HC30X41.D

Injection Date: 31-Oct-2025 00:12:30

Instrument ID: 19094

Lims ID: 410-249042-A-2

Lab Sample ID: 410-249042-2

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

Operator ID: gaw91131

ALS Bottle#: 11

Worklist Smp#: 10

Purge Vol: 25.000 mL

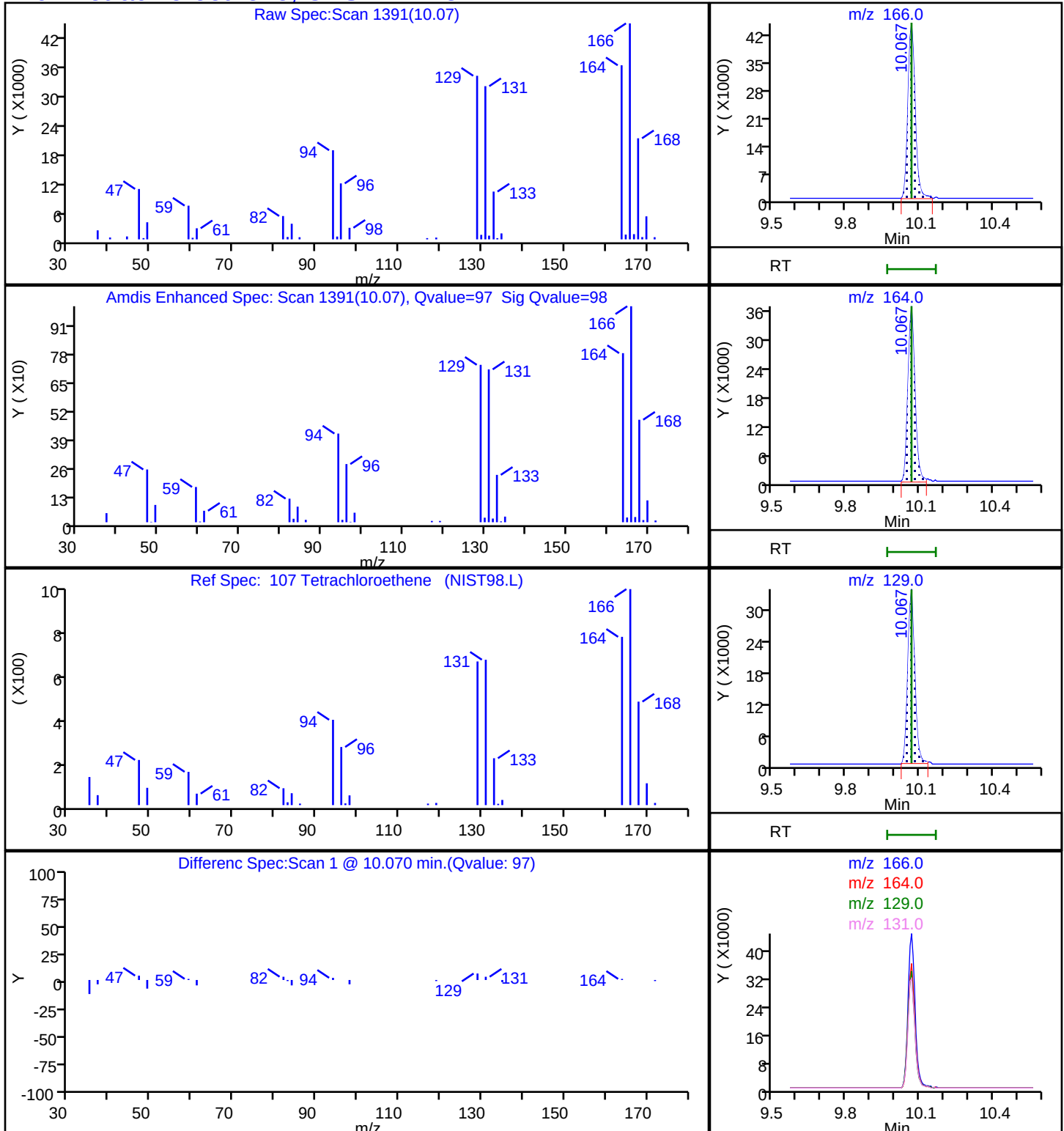
Dil. Factor: 1.0000

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X41.D

Injection Date: 31-Oct-2025 00:12:30

Instrument ID: 19094

Lims ID: 410-249042-A-2

Lab Sample ID: 410-249042-2

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

Operator ID: gaw91131

ALS Bottle#: 11

Worklist Smp#: 10

Purge Vol: 25.000 mL

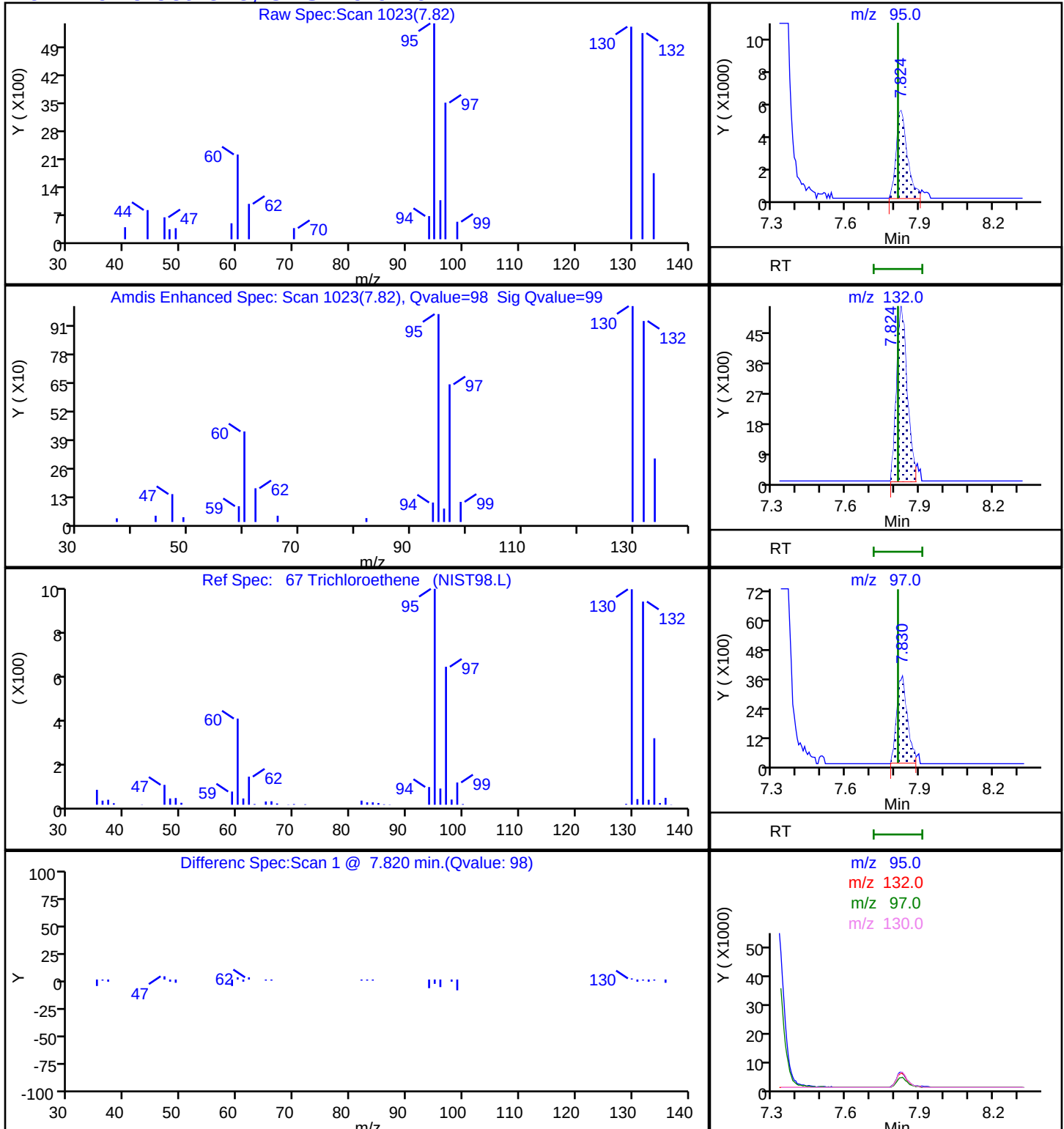
Dil. Factor: 1.0000

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.: 410-249042-1

SDG No.:

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

Lab Sample ID: 410-249042-3

Matrix: Water

Lab File ID: HC30X42.D

Analysis Method: 8260D

Date Collected: 10/24/2025 11:45

Sample wt/vol: 25 (mL)

Date Analyzed: 10/31/2025 00:32

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.: 722416

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	0.14	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	0.16	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	0.34	J	0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-9-0/1-0 Lab Sample ID: 410-249042-3

Matrix: Water Lab File ID: HC30X42.D

Analysis Method: 8260D Date Collected: 10/24/2025 11:45

Sample wt/vol: 25 (mL) Date Analyzed: 10/31/2025 00:32

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.: 722416 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	0.18	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)	98		80-120
460-00-4	4-Bromofluorobenzene (Surr)	98		80-120
1868-53-7	Dibromofluoromethane (Surr)	101		80-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X42.D
 Lims ID: 410-249042-A-3
 Client ID: HD-COD-SW-9-0/1-0
 Sample Type: Client
 Inject. Date: 31-Oct-2025 00:32:30 ALS Bottle#: 12 Worklist Smp#: 11
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0165098-011
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 31-Oct-2025 13:49:37 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 13:49:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	2.001	2.007	-0.006	95	5679	0.0656	
7 Vinyl chloride	62		2.111				ND	
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.459				ND	
17 1,1-Dichloroethene	96		3.227				ND	7
19 Acetone	43		3.257				ND	U
23 Carbon disulfide	76	3.513	3.513	0.000	53	4587	0.0346	
27 Methylene Chloride	84		3.818				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.830	3.824	0.006	24	75227	50.0	
31 Methyl tert-butyl ether	73		4.184				ND	
33 trans-1,2-Dichloroethene	96		4.202				ND	
35 1,1-Dichloroethane	63		4.854				ND	7
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.726	5.702	0.024	80	8514	0.1562	
47 Chlorobromomethane	128		6.037				ND	
50 Chloroform	83	6.202	6.196	0.006	91	13325	0.1426	
\$ 51 Dibromofluoromethane (Surr)	113	6.415	6.415	0.000	93	443432	10.1	
52 1,1,1-Trichloroethane	97		6.427				ND	7
56 Carbon tetrachloride	117		6.641				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	74	79840	9.83	
59 Benzene	78		6.903				ND	7
60 1,2-Dichloroethane	62		6.976				ND	
* 64 Fluorobenzene (IS)	96	7.317	7.323	-0.006	99	1923108	10.0	
67 Trichloroethene	95	7.823	7.811	0.012	95	10388	0.1772	
70 1,2-Dichloropropane	63		8.146				ND	
76 Dichlorobromomethane	83		8.500				ND	7
80 cis-1,3-Dichloropropene	75		9.073				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.256				ND	7
\$ 82 Toluene-d8 (Surr)	98	9.402	9.402	0.000	94	1949350	9.70	
84 Toluene	92	9.488	9.482	0.006	98	8957	0.0596	
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.975				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.067	10.067	0.000	95	23212	0.3418	
109 2-Hexanone	43		10.195				ND	
111 Chlorodibromomethane	129		10.366				ND	
112 Ethylene Dibromide	107		10.481				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.927	10.926	0.001	87	1424740	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		11.164				ND	7
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.499				ND	7
121 Styrene	104		11.512				ND	7
122 Bromoform	173		11.670				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	708177	9.80	
127 1,1,2,2-Tetrachloroethane	83		12.054				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	777797	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

Report Date: 31-Oct-2025 13:49:37

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X42.D

Injection Date: 31-Oct-2025 00:32:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: 410-249042-A-3

Lab Sample ID: 410-249042-3

Worklist Smp#: 11

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

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\20251030-165098.b\HC30X42.D
Lims ID: 410-249042-A-3
Client ID: HD-COD-SW-9-0/1-0
Sample Type: Client
Inject. Date: 31-Oct-2025 00:32:30 ALS Bottle#: 12 Worklist Smp#: 11
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0165098-011
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 31-Oct-2025 13:49:37 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 13:49:37

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	10.1	100.73
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	9.83	98.31
\$ 82 Toluene-d8 (Surr)	10.0	9.70	97.01
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.80	98.01

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X42.D

Injection Date: 31-Oct-2025 00:32:30

Instrument ID: 19094

Lims ID: 410-249042-A-3

Lab Sample ID: 410-249042-3

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

Operator ID: gaw91131

ALS Bottle#: 12

Worklist Smp#: 11

Purge Vol: 25.000 mL

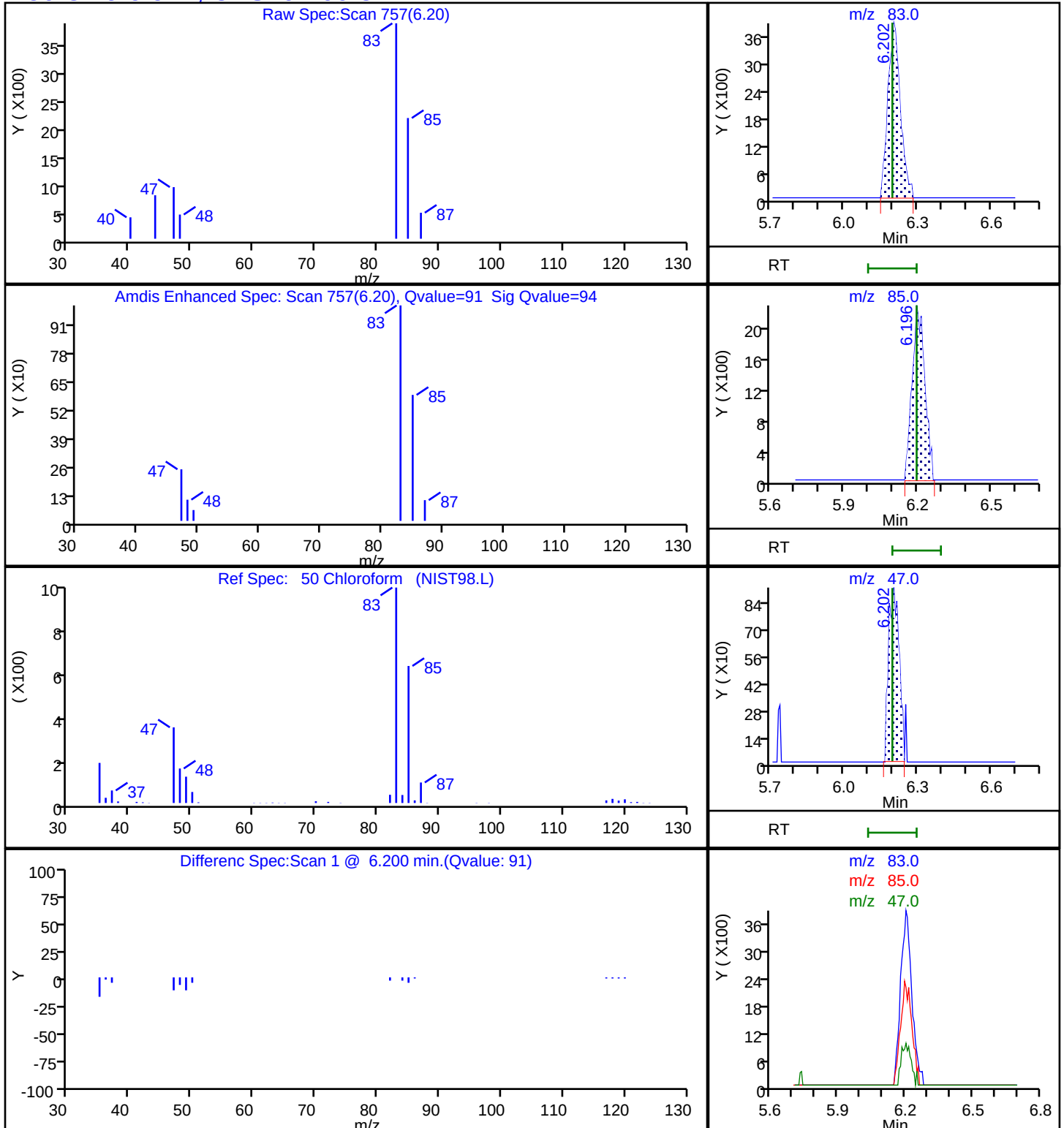
Dil. Factor: 1.0000

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X42.D

Injection Date: 31-Oct-2025 00:32:30

Instrument ID: 19094

Lims ID: 410-249042-A-3

Lab Sample ID: 410-249042-3

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

Operator ID: gaw91131

ALS Bottle#: 12

Worklist Smp#: 11

Purge Vol: 25.000 mL

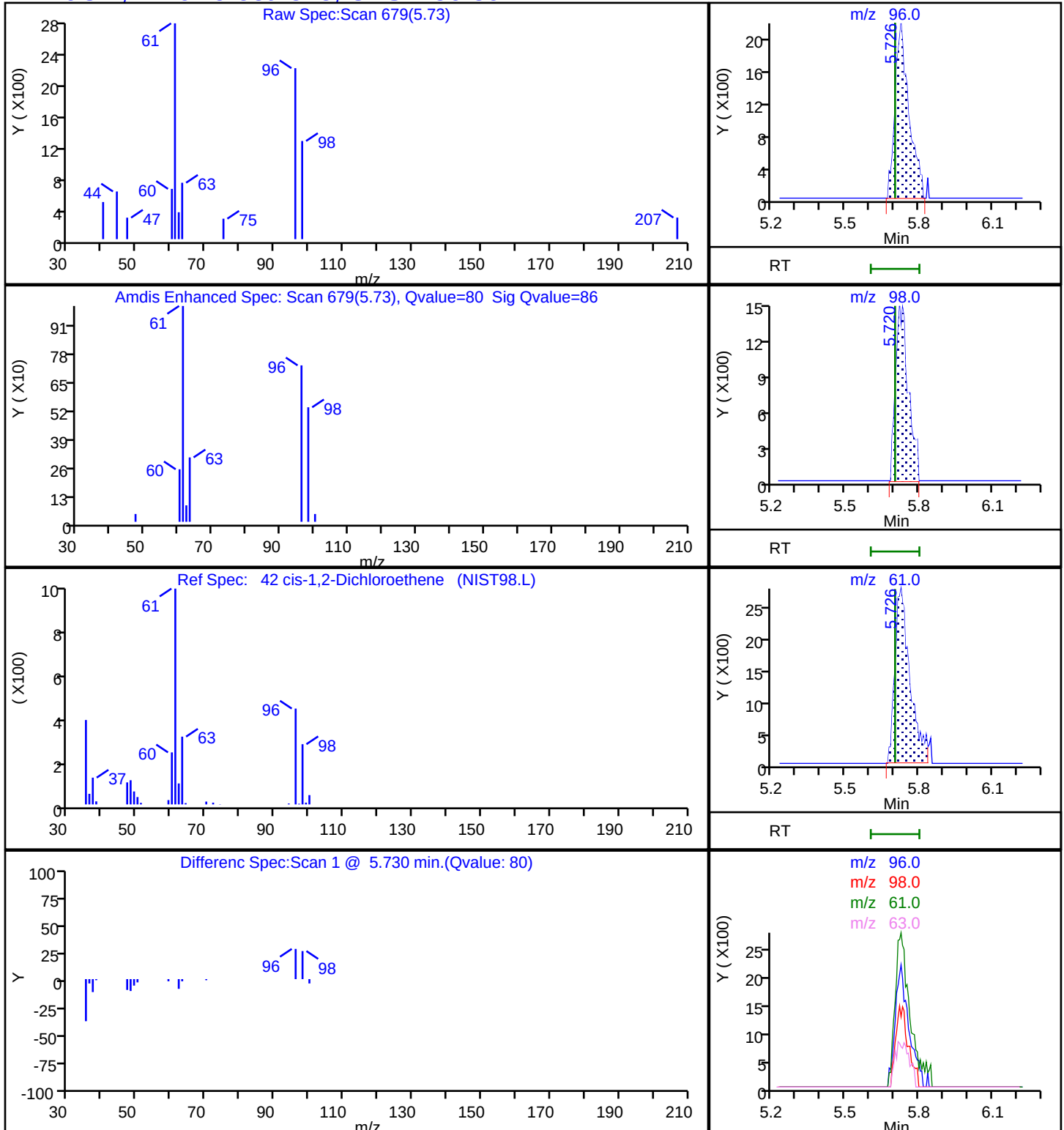
Dil. Factor: 1.0000

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\20251030-165098.b\HC30X42.D

Injection Date: 31-Oct-2025 00:32:30

Instrument ID: 19094

Lims ID: 410-249042-A-3

Lab Sample ID: 410-249042-3

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

Operator ID: gaw91131

ALS Bottle#: 12

Worklist Smp#: 11

Purge Vol: 25.000 mL

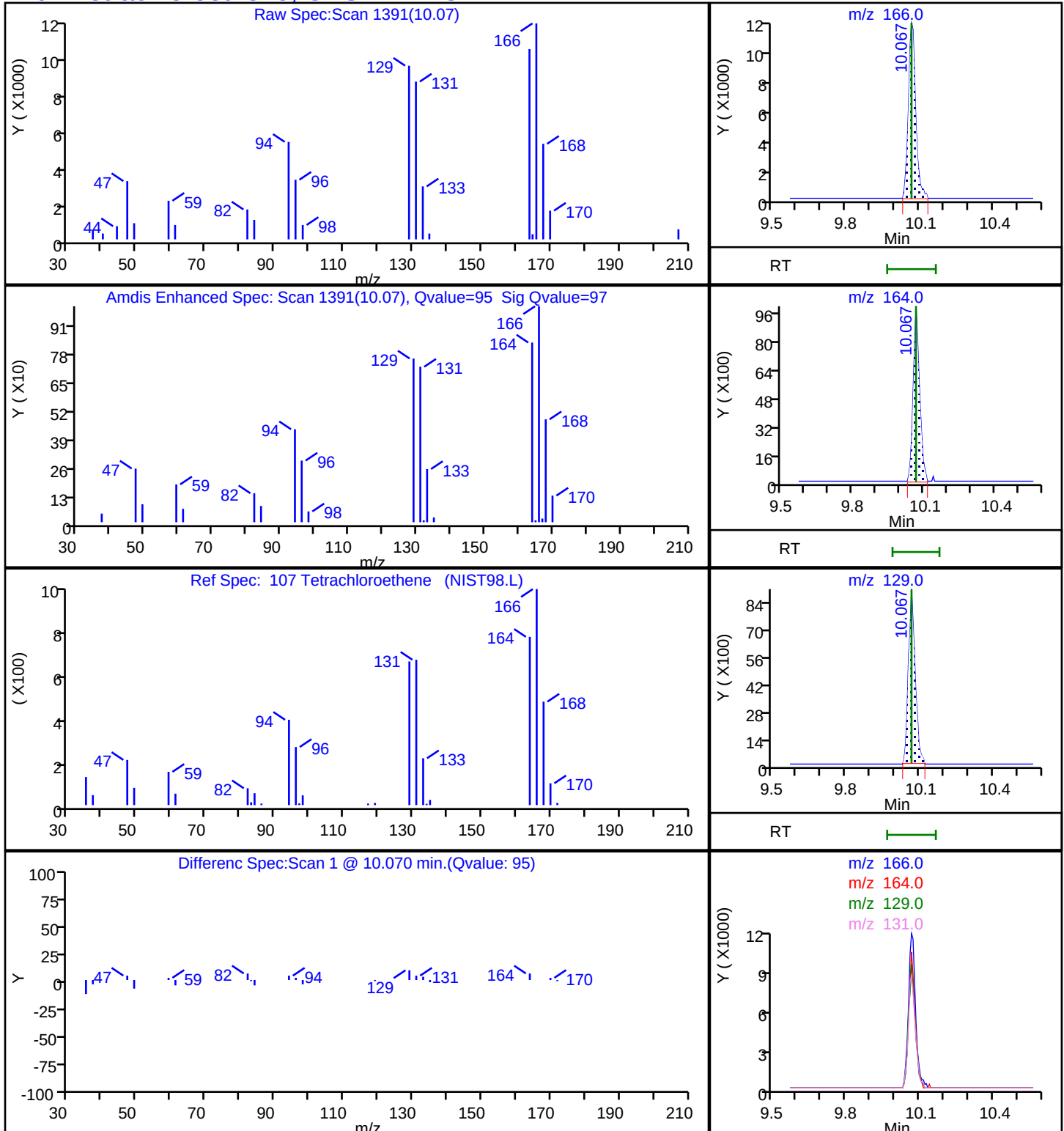
Dil. Factor: 1.0000

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\20251030-165098.b\HC30X42.D

Injection Date: 31-Oct-2025 00:32:30

Instrument ID: 19094

Lims ID: 410-249042-A-3

Lab Sample ID: 410-249042-3

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

Operator ID: gaw91131

ALS Bottle#: 12

Worklist Smp#: 11

Purge Vol: 25.000 mL

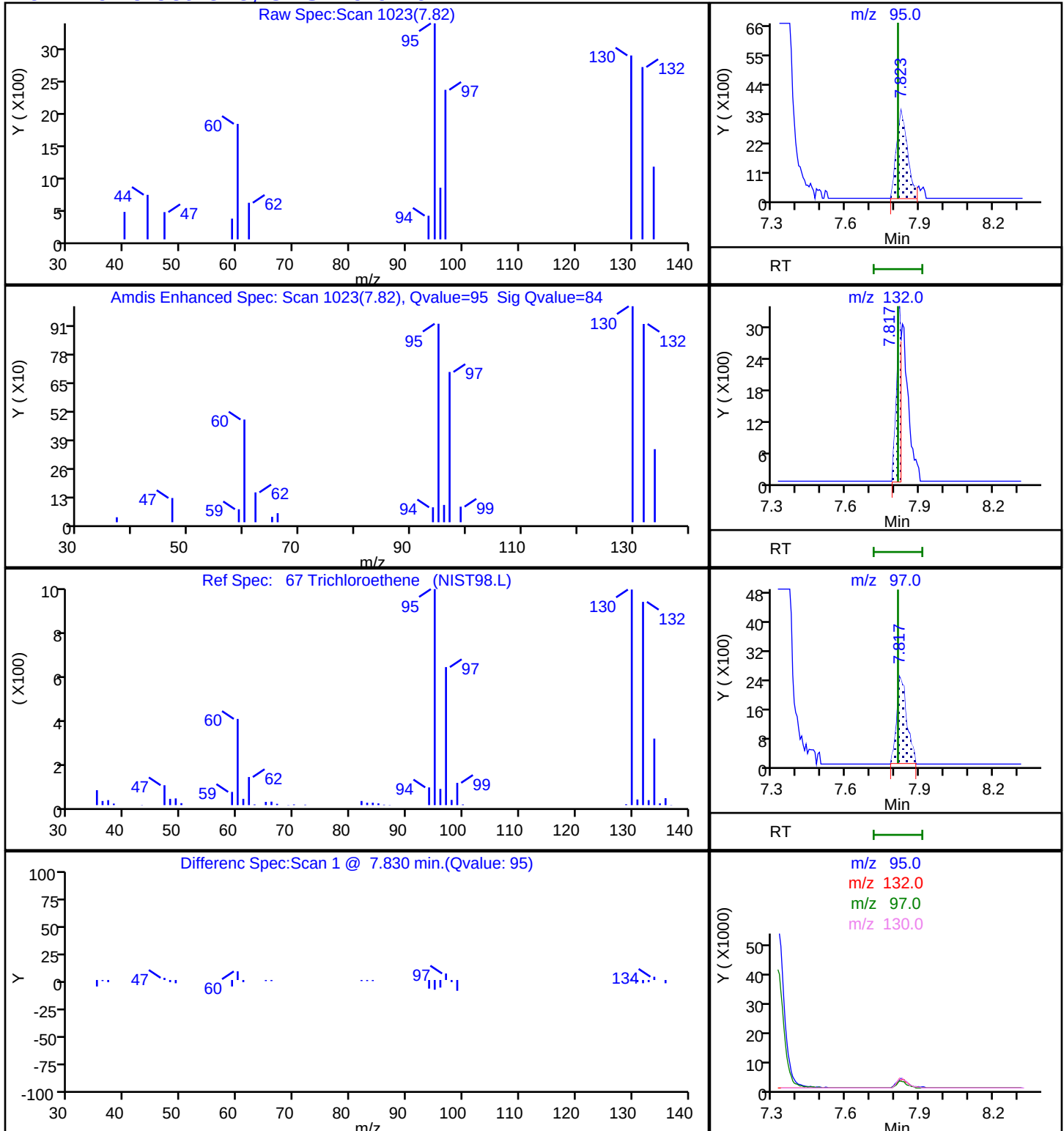
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

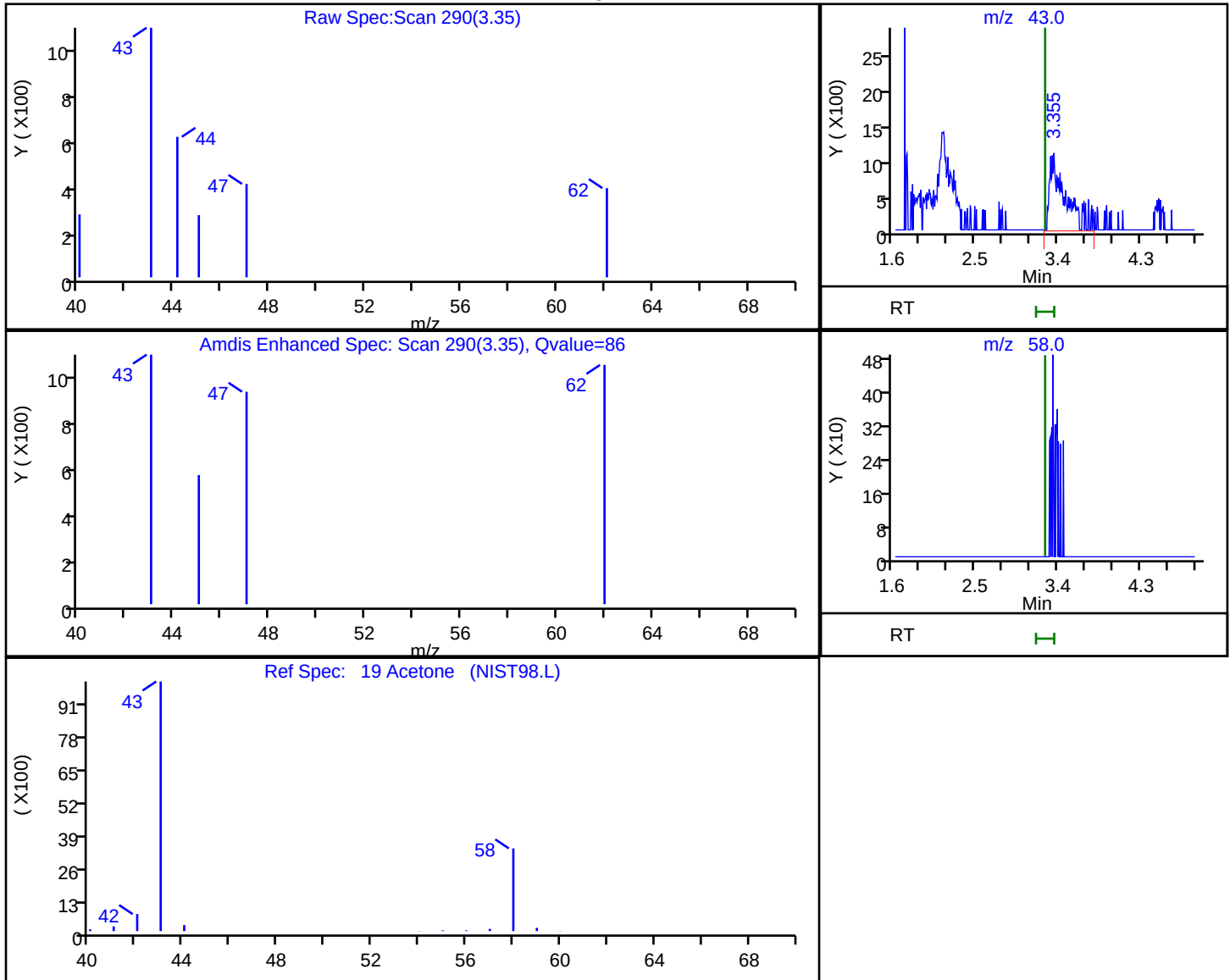
67 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X42.D
Injection Date: 31-Oct-2025 00:32:30 Instrument ID: 19094
Lims ID: 410-249042-A-3 Lab Sample ID: 410-249042-3
Client ID: HD-COD-SW-9-0/1-0
Operator ID: gaw91131 ALS Bottle#: 12 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 i.d.) Detector: MS Quad

19 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
3.35	43.00	12332	2.265777
3.26	58.00	0	

Reviewer: N9NA, 31-Oct-2025 13:49:23 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.: 410-249042-1

SDG No.:

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

Lab Sample ID: 410-249042-4

Matrix: Water

Lab File ID: HC30X43.D

Analysis Method: 8260D

Date Collected: 10/24/2025 09:10

Sample wt/vol: 25 (mL)

Date Analyzed: 10/31/2025 00:53

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.: 722416

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	0.17	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	1.8	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	0.31	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	2.5		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-13-0/1-0 Lab Sample ID: 410-249042-4

Matrix: Water Lab File ID: HC30X43.D

Analysis Method: 8260D Date Collected: 10/24/2025 09:10

Sample wt/vol: 25 (mL) Date Analyzed: 10/31/2025 00:53

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.: 722416 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	0.29	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)	98		80-120
1868-53-7	Dibromofluoromethane (Surr)	101		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\19094\20251030-165098.b\HC30X43.D
 Lims ID: 410-249042-A-4
 Client ID: HD-COD-SW-13-0/1-0
 Sample Type: Client
 Inject. Date: 31-Oct-2025 00:53:30 ALS Bottle#: 13 Worklist Smp#: 12
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0165098-012
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 31-Oct-2025 13:50:39 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 13:50:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	2.001	2.007	-0.006	97	7254	0.0830	
7 Vinyl chloride	62		2.111				ND	7
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.459				ND	
17 1,1-Dichloroethene	96		3.227				ND	
19 Acetone	43	3.342	3.257	0.085	70	10523	1.79	
23 Carbon disulfide	76		3.513				ND	7
27 Methylene Chloride	84		3.818				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.842	3.824	0.018	32	81403	50.0	
31 Methyl tert-butyl ether	73		4.184				ND	
33 trans-1,2-Dichloroethene	96		4.202				ND	
35 1,1-Dichloroethane	63	4.854	4.854	0.000	1	3434	0.0355	
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.732	5.702	0.030	79	17195	0.3125	
47 Chlorobromomethane	128		6.037				ND	
50 Chloroform	83	6.189	6.196	-0.007	92	9590	0.1017	
\$ 51 Dibromofluoromethane (Surr)	113	6.415	6.415	0.000	93	448542	10.1	
52 1,1,1-Trichloroethane	97	6.421	6.427	-0.006	36	15084	0.1693	
56 Carbon tetrachloride	117		6.641				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	75	81608	9.96	
59 Benzene	78	6.915	6.903	0.012	87	6418	0.0285	
60 1,2-Dichloroethane	62		6.976				ND	
* 64 Fluorobenzene (IS)	96	7.317	7.323	-0.006	99	1940933	10.0	
67 Trichloroethene	95	7.823	7.811	0.012	98	17441	0.2948	
70 1,2-Dichloropropane	63		8.146				ND	
76 Dichlorobromomethane	83		8.500				ND	
80 cis-1,3-Dichloropropene	75		9.073				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.256				ND	7
\$ 82 Toluene-d8 (Surr)	98	9.402	9.402	0.000	94	1962012	9.79	
84 Toluene	92	9.488	9.482	0.006	96	7471	0.0499	
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.975				ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.067	10.067	0.000	97	167295	2.47	
109 2-Hexanone	43		10.195				ND	7
111 Chlorodibromomethane	129		10.366				ND	
112 Ethylene Dibromide	107		10.481				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.926	10.926	0.000	87	1421121	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		11.164				ND	7
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.499				ND	7
121 Styrene	104		11.512				ND	7
122 Bromoform	173		11.670				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	703685	9.76	
127 1,1,2,2-Tetrachloroethane	83		12.054				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	775882	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\20251030-165098.b\HC30X43.D

Injection Date: 31-Oct-2025 00:53:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: 410-249042-A-4

Lab Sample ID: 410-249042-4

Worklist Smp#: 12

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

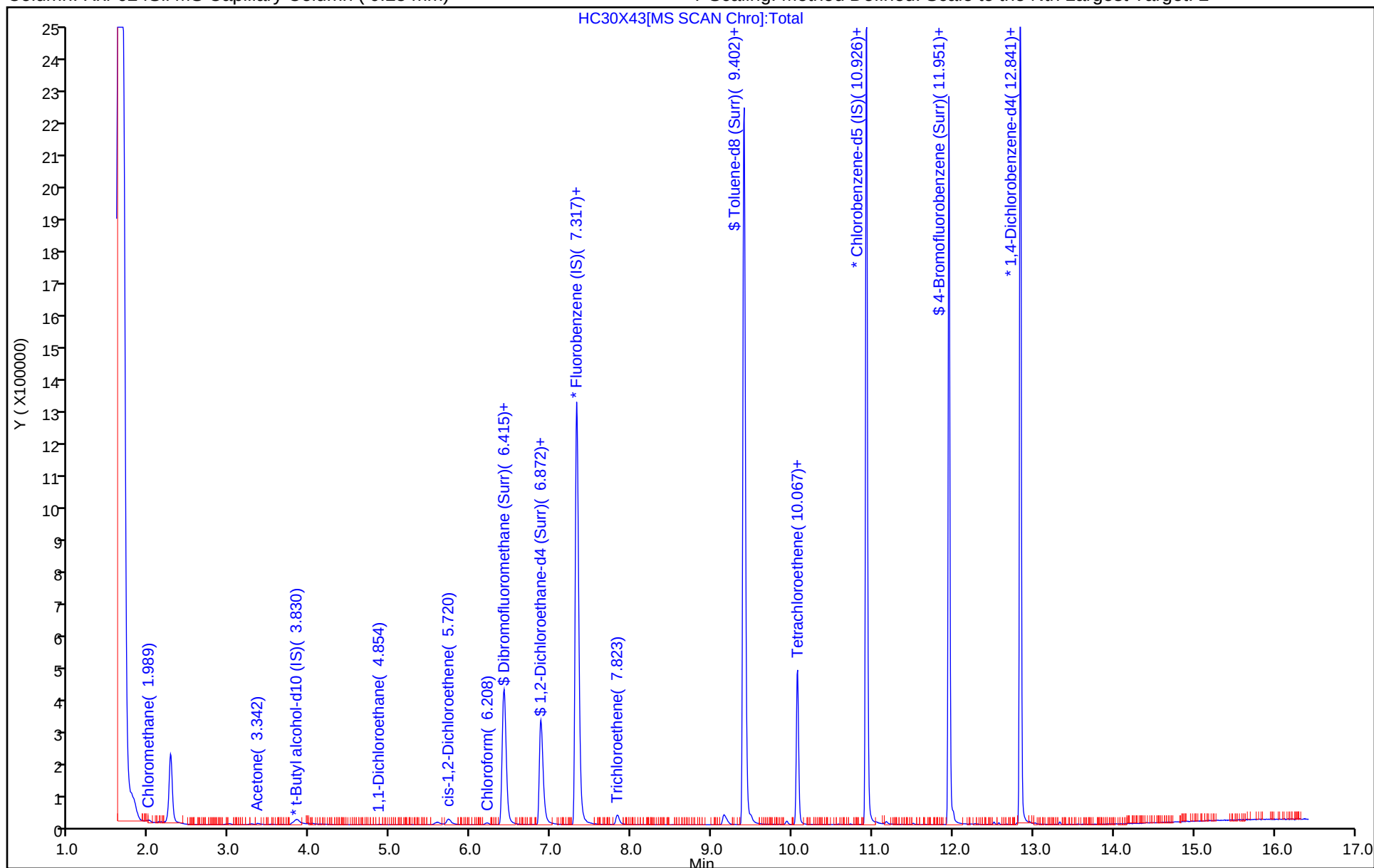
ALS Bottle#: 13

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\20251030-165098.b\HC30X43.D
Lims ID: 410-249042-A-4
Client ID: HD-COD-SW-13-0/1-0
Sample Type: Client
Inject. Date: 31-Oct-2025 00:53:30 ALS Bottle#: 13 Worklist Smp#: 12
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0165098-012
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 31-Oct-2025 13:50:39 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 13:50:39

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	10.1	100.96
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	9.96	99.57
\$ 82 Toluene-d8 (Surr)	10.0	9.79	97.89
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.76	97.63

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X43.D

Injection Date: 31-Oct-2025 00:53:30

Instrument ID: 19094

Lims ID: 410-249042-A-4

Lab Sample ID: 410-249042-4

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

Operator ID: gaw91131

ALS Bottle#: 13

Worklist Smp#: 12

Purge Vol: 25.000 mL

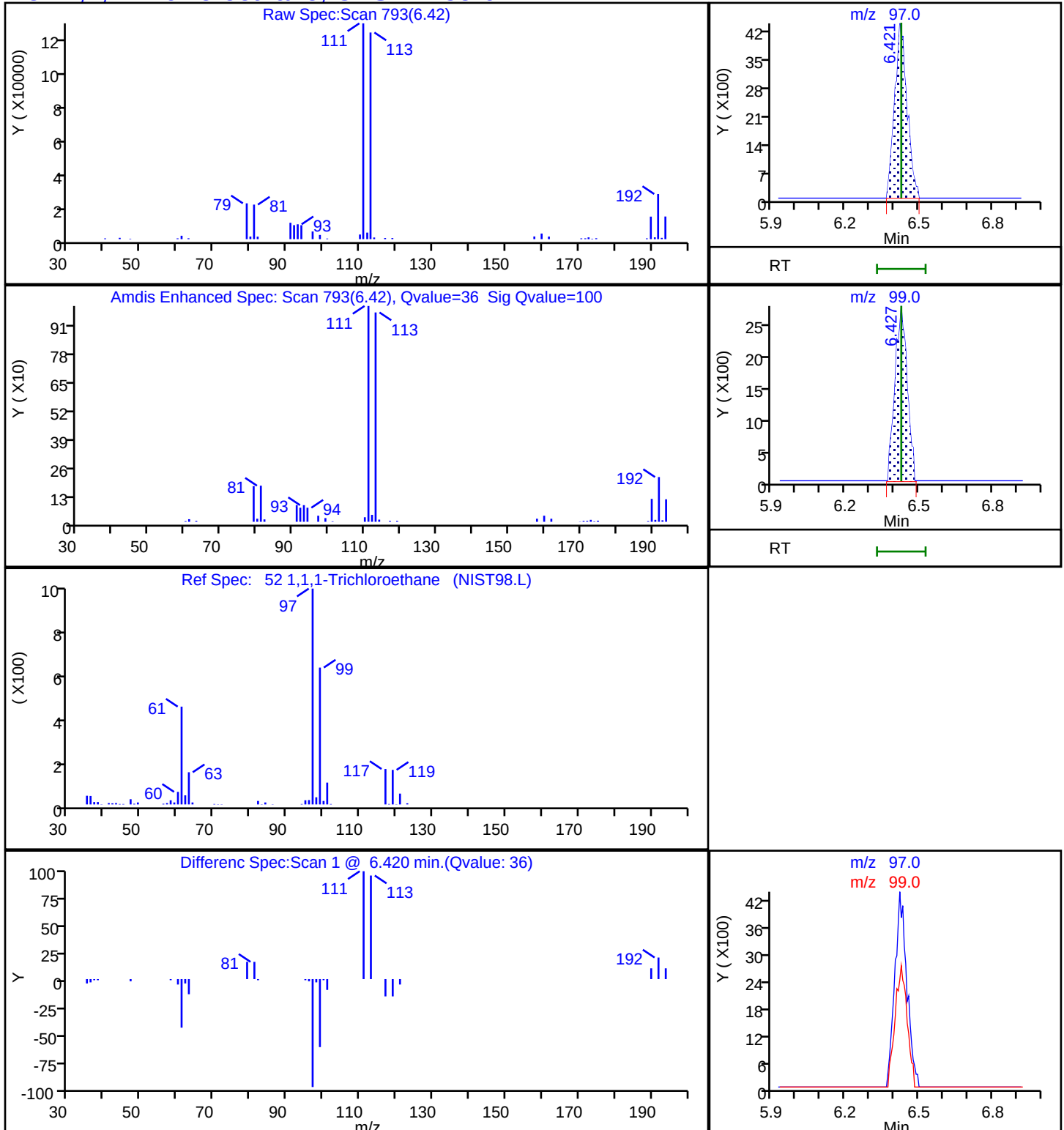
Dil. Factor: 1.0000

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X43.D

Injection Date: 31-Oct-2025 00:53:30

Instrument ID: 19094

Lims ID: 410-249042-A-4

Lab Sample ID: 410-249042-4

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

Operator ID: gaw91131

ALS Bottle#: 13

Worklist Smp#: 12

Purge Vol: 25.000 mL

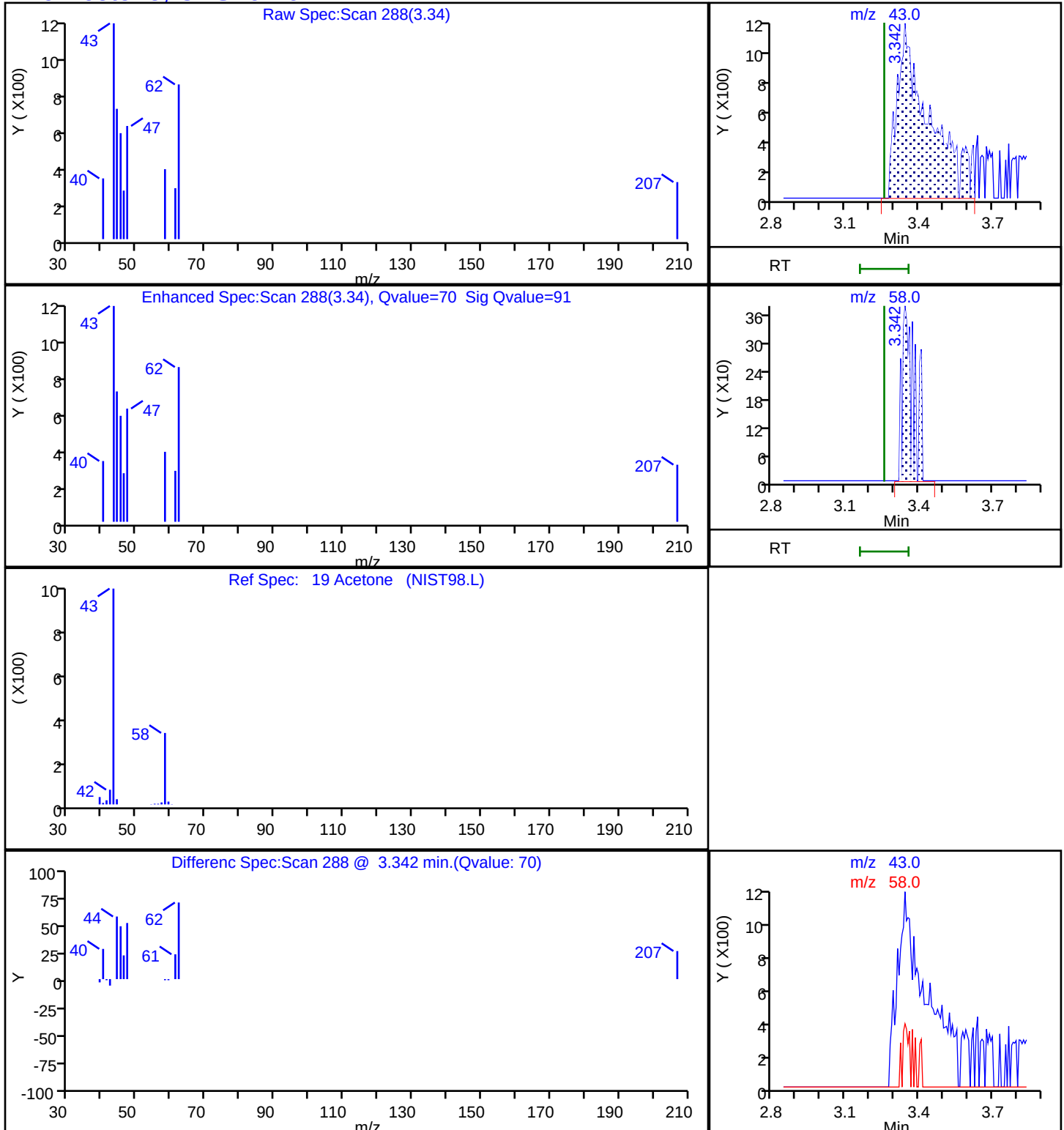
Dil. Factor: 1.0000

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X43.D

Injection Date: 31-Oct-2025 00:53:30

Instrument ID: 19094

Lims ID: 410-249042-A-4

Lab Sample ID: 410-249042-4

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

Operator ID: gaw91131

ALS Bottle#: 13

Worklist Smp#: 12

Purge Vol: 25.000 mL

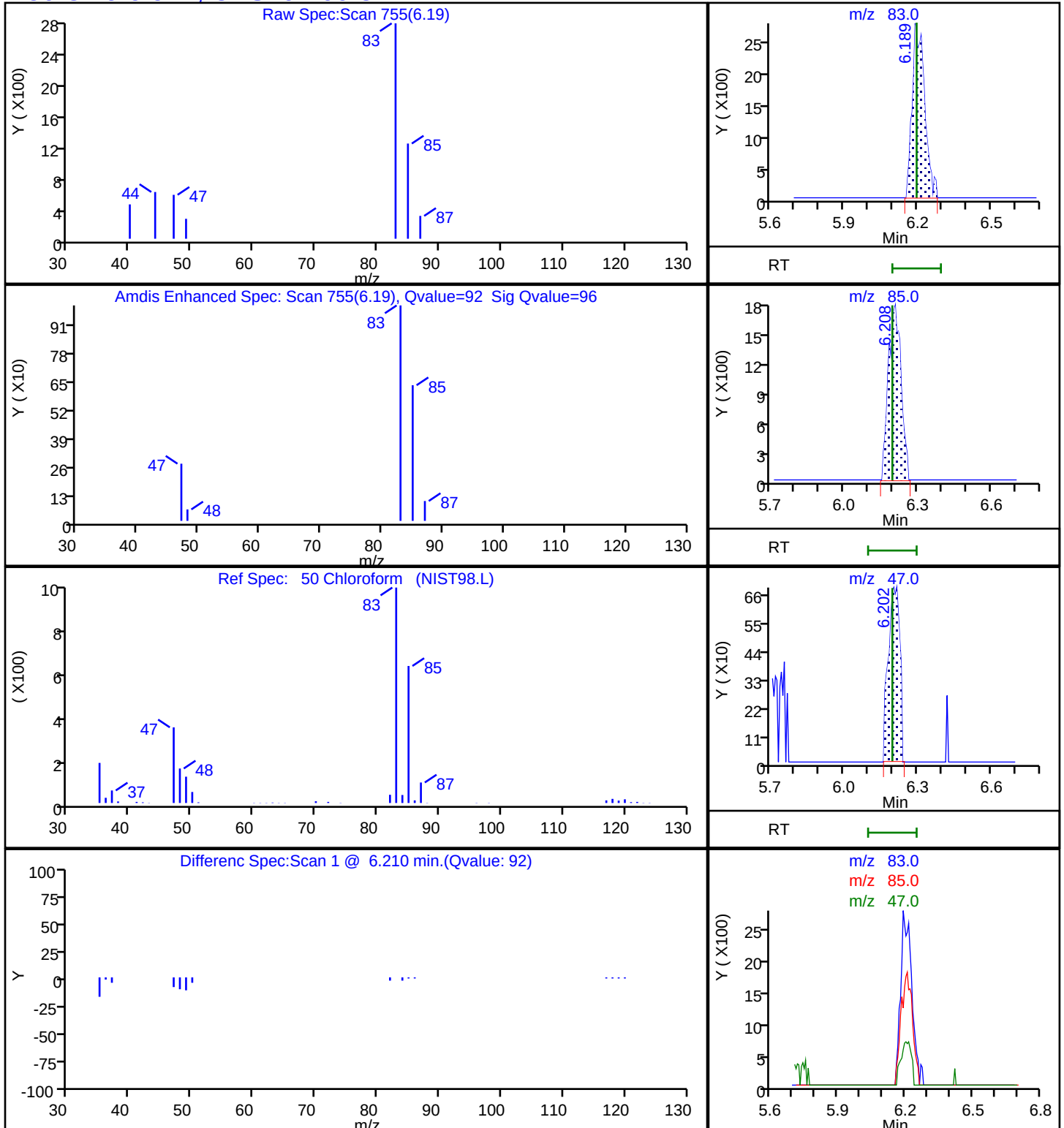
Dil. Factor: 1.0000

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\20251030-165098.b\HC30X43.D

Injection Date: 31-Oct-2025 00:53:30

Instrument ID: 19094

Lims ID: 410-249042-A-4

Lab Sample ID: 410-249042-4

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

Operator ID: gaw91131

ALS Bottle#: 13

Worklist Smp#: 12

Purge Vol: 25.000 mL

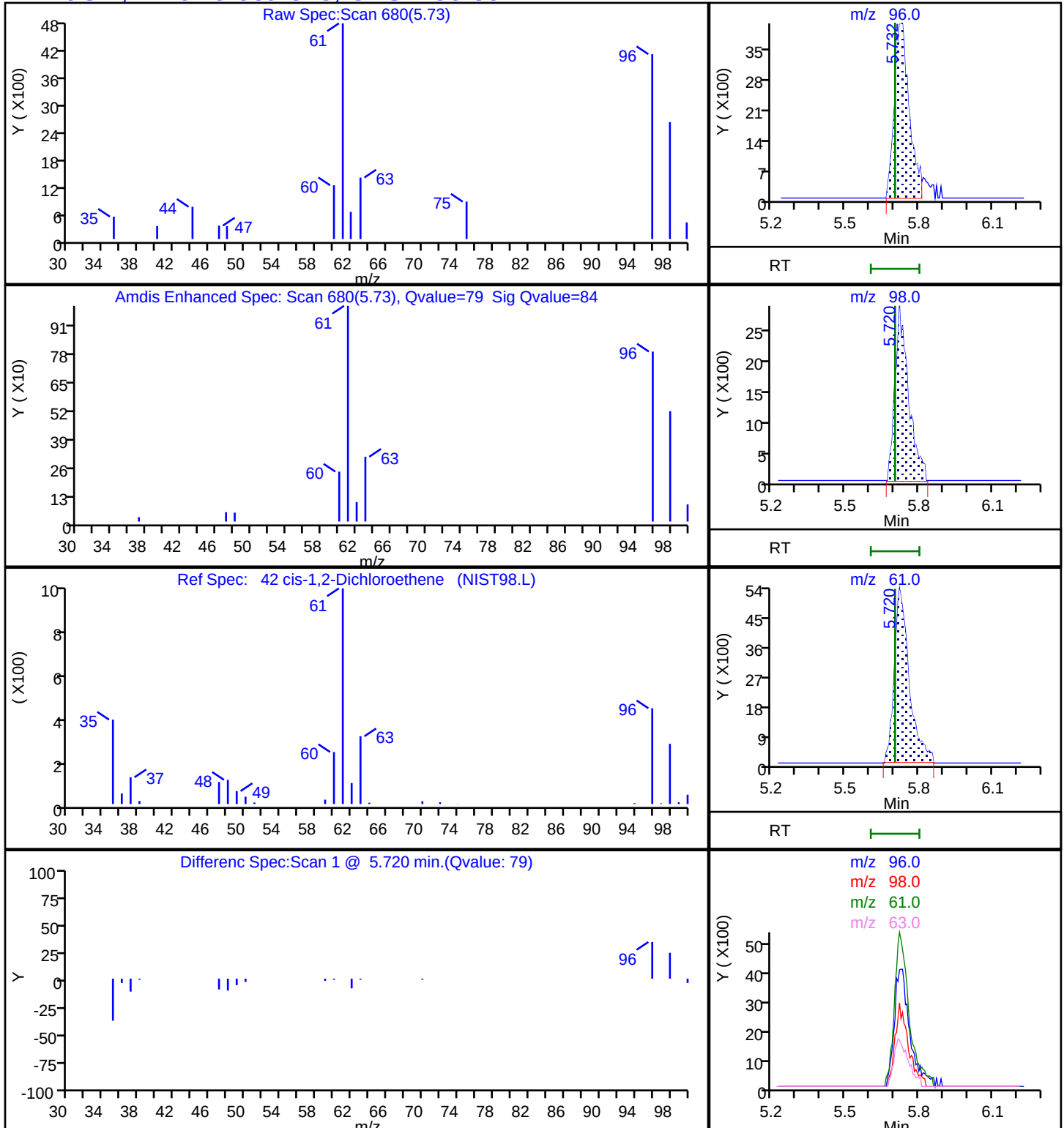
Dil. Factor: 1.0000

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\20251030-165098.b\HC30X43.D

Injection Date: 31-Oct-2025 00:53:30

Instrument ID: 19094

Lims ID: 410-249042-A-4

Lab Sample ID: 410-249042-4

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

Operator ID: gaw91131

ALS Bottle#: 13

Worklist Smp#: 12

Purge Vol: 25.000 mL

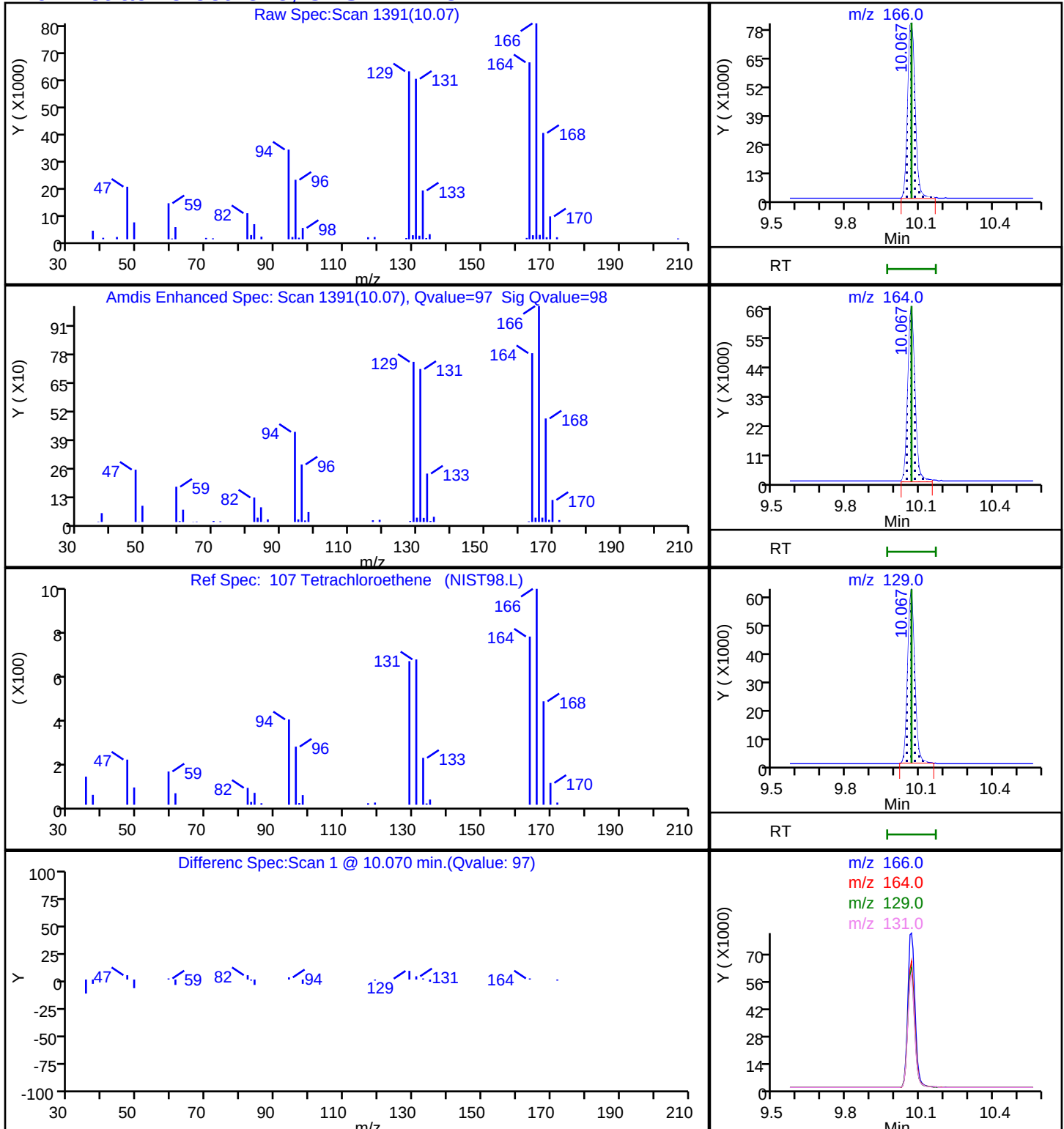
Dil. Factor: 1.0000

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\20251030-165098.b\HC30X43.D

Injection Date: 31-Oct-2025 00:53:30

Instrument ID: 19094

Lims ID: 410-249042-A-4

Lab Sample ID: 410-249042-4

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

Operator ID: gaw91131

ALS Bottle#: 13

Worklist Smp#: 12

Purge Vol: 25.000 mL

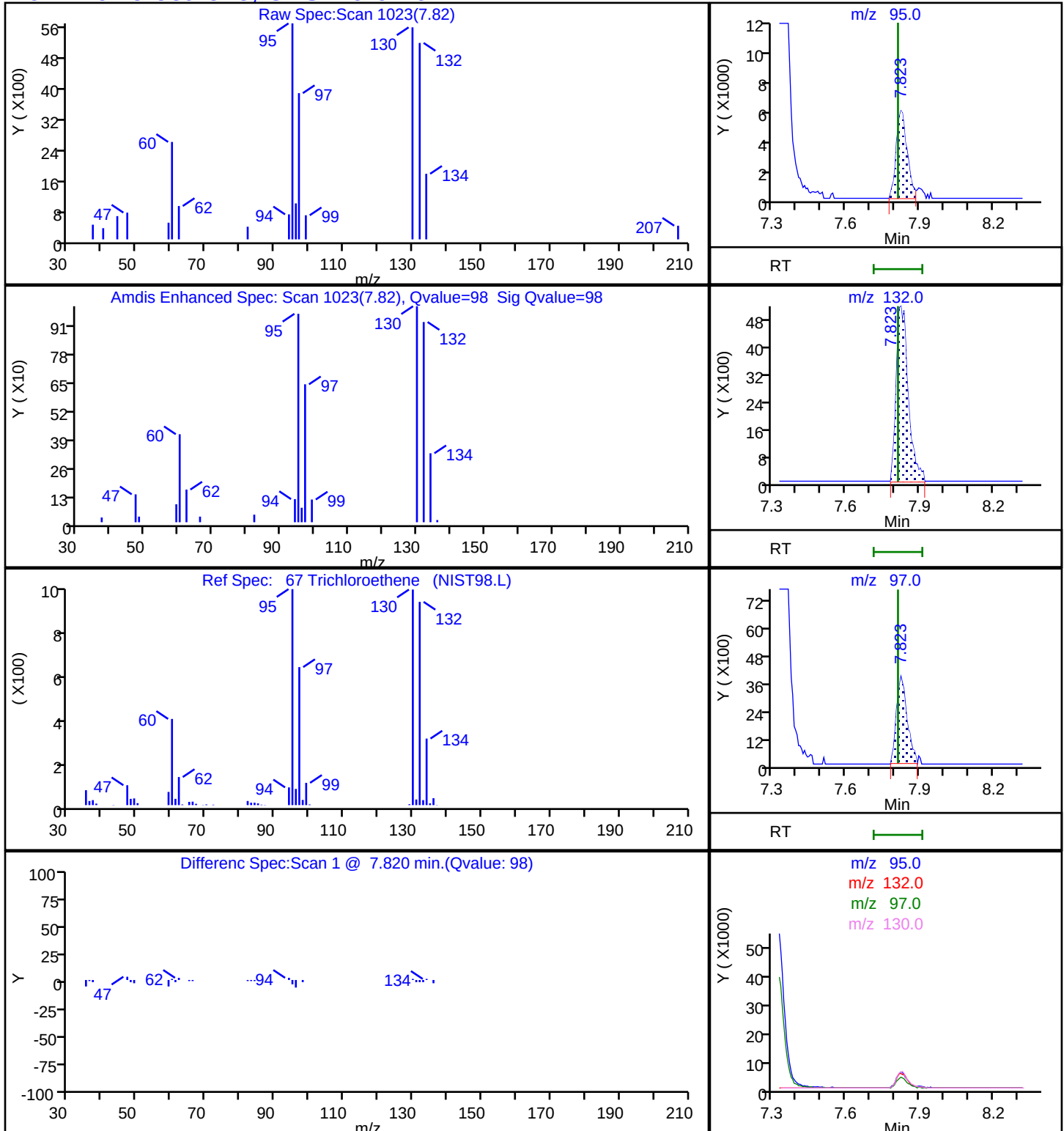
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

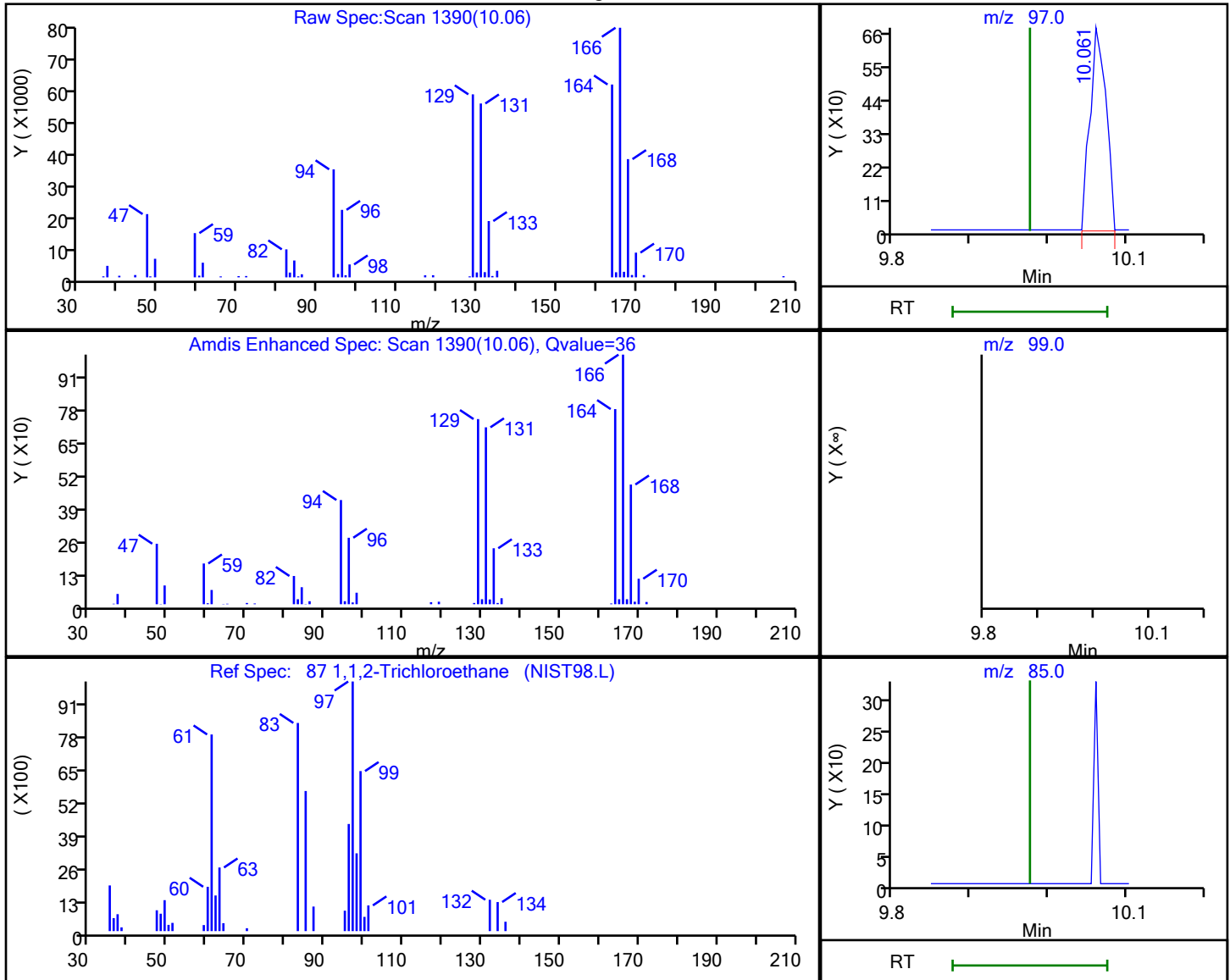
67 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X43.D
Injection Date: 31-Oct-2025 00:53:30 Instrument ID: 19094
Lims ID: 410-249042-A-4 Lab Sample ID: 410-249042-4
Client ID: HD-COD-SW-13-0/1-0
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 12
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
10.06	97.00	976	0.031401
9.98	99.00	0	
9.98	85.00	0	
10.05	83.00	3136	

Reviewer: N9NA, 31-Oct-2025 13:50:33 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.: 410-249042-1

SDG No.:

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

Lab Sample ID: 410-249042-5

Matrix: Water

Lab File ID: HC30X44.D

Analysis Method: 8260D

Date Collected: 10/24/2025 10:50

Sample wt/vol: 25 (mL)

Date Analyzed: 10/31/2025 01:13

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.: 722416

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	0.39	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	0.12	J FH	0.50	0.10
75-35-4	1,1-Dichloroethene	0.24	J FH	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	FH	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	FH	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	FH	0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	0.20	J FH	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	1.7	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	FH	0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND	FH	0.50	0.20
100-42-5	Styrene	ND	FH	0.50	0.070
127-18-4	Tetrachloroethene	5.2	FH	0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-15-0/1-0 Lab Sample ID: 410-249042-5

Matrix: Water Lab File ID: HC30X44.D

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

Sample wt/vol: 25 (mL) Date Analyzed: 10/31/2025 01:13

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.: 722416 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	FH	0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	1.7	FH	0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND	FH	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)	98		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		80-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X44.D
 Lims ID: 410-249042-A-5
 Client ID: HD-COD-SW-15-0/1-0
 Sample Type: Client
 Inject. Date: 31-Oct-2025 01:13:30 ALS Bottle#: 14 Worklist Smp#: 13
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0165098-013
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 31-Oct-2025 13:52:01 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 13:52:01

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		1.818				ND	
3 Chlorodifluoromethane	51		1.831				ND	7
4 Dimethyl ether	45		1.873				ND	
5 Chloromethane	50		2.007				ND	7
6 Butadiene	39		2.093				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		2.459				ND	
11 Dichlorofluoromethane	67		2.672				ND	7
12 Trichlorofluoromethane	101		2.769				ND	
13 Ethyl ether	59		2.952				ND	
14 1,2-Dichloro-1,1,2-trifluoroetha	67		3.019				ND	
16 Acrolein	56		3.099				ND	
15 Ethanol	45	3.032	3.111	-0.079	1	118	NC	
17 1,1-Dichloroethene	96	3.227	3.227	0.000	97	10963	0.2378	
19 Acetone	43		3.257				ND	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101		3.269				ND	
20 Iodomethane	142		3.403				ND	
22 Ethyl bromide	108		3.428				ND	
T 21 Ethanol TIC	45		3.440				ND	7
23 Carbon disulfide	76		3.513				ND	7
24 Methyl acetate	43		3.635				ND	
25 3-Chloro-1-propene	41		3.653				ND	
26 Acetonitrile	41		3.769				ND	
27 Methylene Chloride	84		3.818				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.812	3.824	-0.012	24	76718	50.0	
29 2-Methyl-2-propanol	59		3.946				ND	
30 Acrylonitrile	53		4.147				ND	
31 Methyl tert-butyl ether	73	4.190	4.184	0.006	1	3050	0.0298	
33 trans-1,2-Dichloroethene	96		4.202				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
T 32 Acetonitrile TIC	41	4.208	4.214	-0.006	20	101	0.000531	7
34 Hexane	57		4.623				ND	
35 1,1-Dichloroethane	63	4.861	4.854	0.006	90	11135	0.1175	
36 Vinyl acetate	43		4.855				ND	
37 Isopropyl ether	45		4.915				ND	
38 2-Chloro-1,3-butadiene	53		4.970				ND	
39 Tert-butyl ethyl ether	59		5.458				ND	7
T 40 Vinyl acetate (TIC)	43		5.537				ND	
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.708	5.702	0.006	80	90045	1.67	
43 2,2-Dichloropropane	77		5.714				ND	
44 Propionitrile	54		5.751				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		1.67	
50 Chloroform	83	6.196	6.196	0.000	92	18931	0.2049	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.415	-0.006	93	442399	10.2	
52 1,1,1-Trichloroethane	97	6.421	6.427	-0.006	39	34211	0.3920	
53 Methyl acrylate	55		6.482				ND	
54 Cyclohexane	56		6.531				ND	
55 1,1-Dichloropropene	75		6.641				ND	
56 Carbon tetrachloride	117		6.641				ND	7
57 Isobutyl alcohol	41		6.793				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	45	81105	10.1	
59 Benzene	78		6.903				ND	7
60 1,2-Dichloroethane	62		6.976				ND	
61 Isopropyl acetate	43		7.001				ND	
62 Tert-amyl methyl ether	73		7.104				ND	
63 1-Chlorobutane	56	7.317	7.250	0.067	33	11733	NC	
* 64 Fluorobenzene (IS)	96	7.311	7.323	-0.012	98	1901136	10.0	
65 n-Heptane	43		7.348				ND	7
66 n-Butanol	56		7.701				ND	
67 Trichloroethene	95	7.811	7.811	0.000	98	95705	1.65	
68 t-Amyl alcohol	73		7.842				ND	
69 Methylcyclohexane	83		8.128				ND	
70 1,2-Dichloropropane	63		8.146				ND	
71 2-ethoxy-2-methyl butane	87		8.165				ND	
72 Methyl methacrylate	69		8.244				ND	
73 1,4-Dioxane	88		8.250				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		8.768				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		9.073				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.256				ND	
\$ 82 Toluene-d8 (Surr)	98	9.396	9.402	-0.006	94	1932782	9.70	
83 Chloroacetonitrile	75		9.427				ND	
84 Toluene	92	9.488	9.482	0.006	95	6541	0.0439	a

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		9.975				ND	7
T 215 Diazomethane TIC	14		10.000				ND	
T 213 Aziridine TIC	42	9.579	10.000	-0.421	1	417	0.002193	
T 93 Epichlorohydrin TIC	57		10.000				ND	
T 90 Isopropyl alcohol TIC	45	9.402	10.000	-0.598	24	2213	0.0116	7
T 89 2-Chloroethanol TIC	44		10.000				ND	
T 88 2,3-Dibromopropene TIC	119	10.067	10.000	0.067	1	2743	0.0144	7
T 220 1,2 Epoxybutane TIC	42		10.000				ND	
T 214 Carbonyl sulfide TIC	60	10.061	10.000	0.061	9	1491	0.007843	
T 96 Monochloroacetic acid TIC	50		10.000				ND	
T 91 Decamethylcyclopentasiloxane TIC	71	9.396	10.000	-0.604	1	456	0.002399	7
T 94 2-Bromoethanol TIC	45	9.402	10.000	-0.598	13	2213	0.0116	7
T 211 Propene oxide TIC	58	10.061	10.000	0.061	1	210	0.001105	
T 219 Methyl Isocyanate TIC	57	9.396	10.000	-0.604	21	1205	0.006338	
T 92 Vinyl bromide TIC	106	11.048	10.000	1.048	1	232	0.001220	7
T 95 Chloroacetaldehyde TIC	50	9.494	10.000	-0.506	1	843	0.004434	7
T 100 3-Chloro-1,2-propanediol TIC	44	10.042	10.000	0.042	1	453	0.002383	7
T 222 Chloromethyl methyl ether TIC	45		10.000				ND	
T 221 Styrene oxide TIC	91	9.561	10.000	-0.439	1	102	0.000537	
T 212 Phosgene TIC	63	9.488	10.000	-0.512	1	783	0.004119	
T 103 2,3-Dibromo-1-propanol TIC	57	9.396	10.000	-0.604	1	1205	0.006338	7
T 97 Methyl acrylate TIC	55	9.396	10.000	-0.604	13	7503	0.0395	
T 216 Propionaldehyde TIC	58		10.000				ND	
T 218 1,2-Propyleneimine TIC	56	9.402	10.000	-0.598	26	29629	0.1558	
T 104 Ethylene oxide TIC	44		10.000				ND	
T 102 2-Bromo-3-chloropropene TIC	75	10.920	10.000	0.920	4	24020	0.1263	7
T 223 Ethyl acrylate TIC	55		10.000				ND	
T 217 bis(chloromethyl)ether TIC	93	10.055	10.000	0.055	1	114	0.000600	
T 99 Octamethylcyclotetrasiloxane TIC	78	12.005	10.000	2.005	83	11516	0.0606	7
T 98 Hexachloroethane TIC	117	10.067	10.000	0.067	12	2881	0.0152	7
T 101 Epibromohydrin TIC	57	9.396	10.000	-0.604	12	1205	0.006338	7
T 105 Nitrobenzene TIC	77	9.402	10.000	-0.598	10	834	0.004387	7
S 106 1,3-Dichloropropene, Total	100		10.060				ND	7
107 Tetrachloroethene	166	10.061	10.067	-0.006	97	348715	5.18	
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		10.366				ND	
112 Ethylene Dibromide	107		10.481				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.926	-0.006	87	1413089	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		11.164				ND	7
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.499				ND	7
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	11.951	0.000	89	703644	9.82	
127 1,1,2,2-Tetrachloroethane	83		12.054				ND	
128 Bromobenzene	156		12.066				ND	
129 trans-1,4-Dichloro-2-butene	53		12.079				ND	
130 1,2,3-Trichloropropane	110		12.097				ND	
131 N-Propylbenzene	91		12.140				ND	7
132 2-Chlorotoluene	126		12.213				ND	
133 1,3,5-Trimethylbenzene	105		12.280				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		12.566				ND	7
138 sec-Butylbenzene	105		12.682				ND	
139 1,3-Dichlorobenzene	146		12.780				ND	7
140 4-Isopropyltoluene	119		12.798				ND	7
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	765841	10.0	
142 1,4-Dichlorobenzene	146		12.859				ND	7
143 1,2,3-Trimethylbenzene	120		12.871				ND	7
144 Benzyl chloride	126		12.932				ND	
145 p-Diethylbenzene	119		13.066				ND	
146 n-Butylbenzene	92		13.091				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		14.212				ND	
152 Hexachlorobutadiene	225		14.298				ND	
153 Naphthalene	128		14.389				ND	7
154 1,2,3-Trichlorobenzene	180		14.529				ND	
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

a - User Assigned ID

Reagents:

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 31-Oct-2025 13:52:01

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X44.D

Injection Date: 31-Oct-2025 01:13:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: 410-249042-A-5

Lab Sample ID: 410-249042-5

Worklist Smp#: 13

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

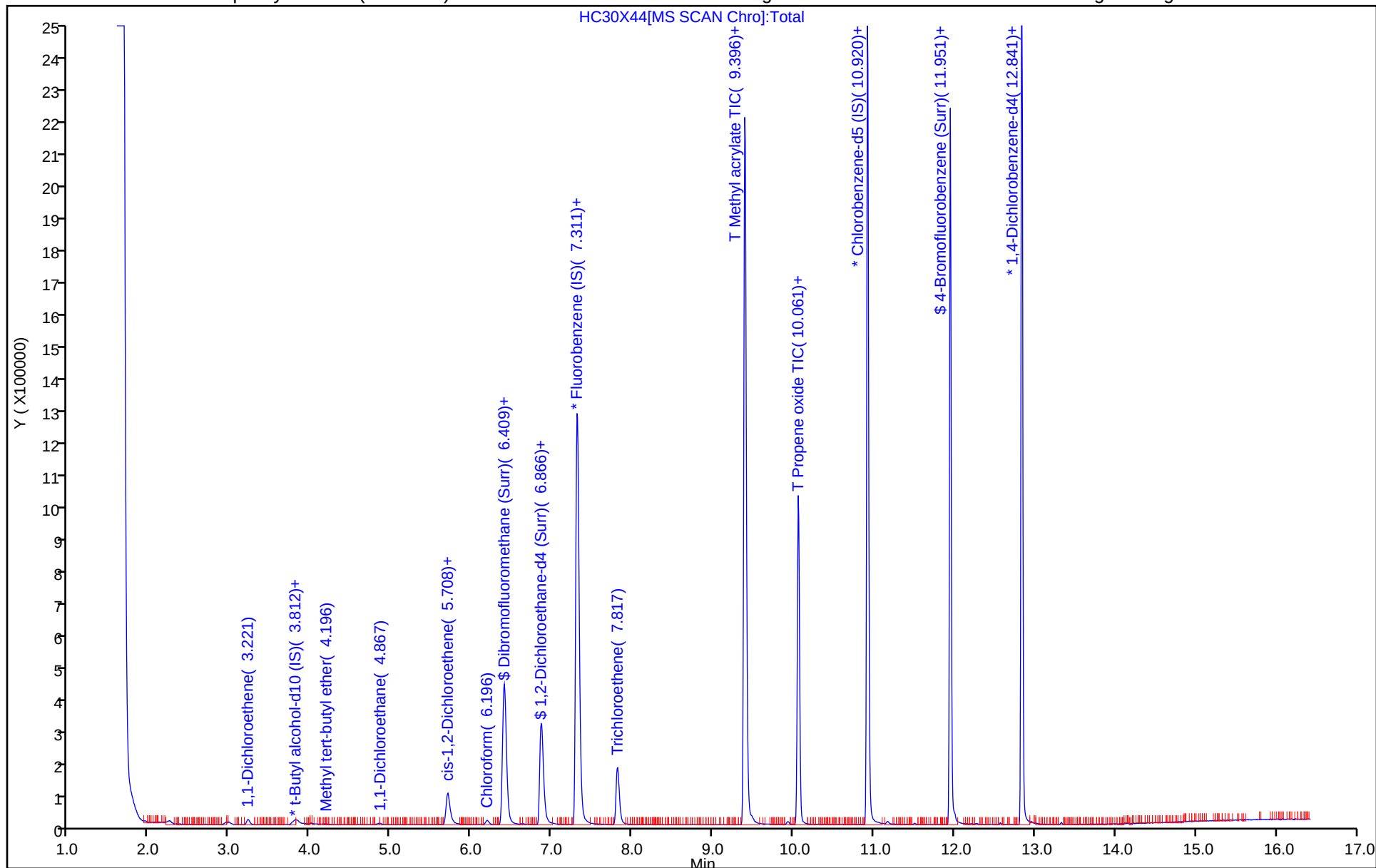
ALS Bottle#: 14

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\20251030-165098.b\HC30X44.D
Lims ID: 410-249042-A-5
Client ID: HD-COD-SW-15-0/1-0
Sample Type: Client
Inject. Date: 31-Oct-2025 01:13:30 ALS Bottle#: 14 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0165098-013
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 31-Oct-2025 13:52:01 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 13:52:01

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	10.2	101.66
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.1	101.03
\$ 82 Toluene-d8 (Surr)	10.0	9.70	96.98
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.82	98.18

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X44.D

Injection Date: 31-Oct-2025 01:13:30

Instrument ID: 19094

Lims ID: 410-249042-A-5

Lab Sample ID: 410-249042-5

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

Operator ID: gaw91131

ALS Bottle#: 14

Worklist Smp#: 13

Purge Vol: 25.000 mL

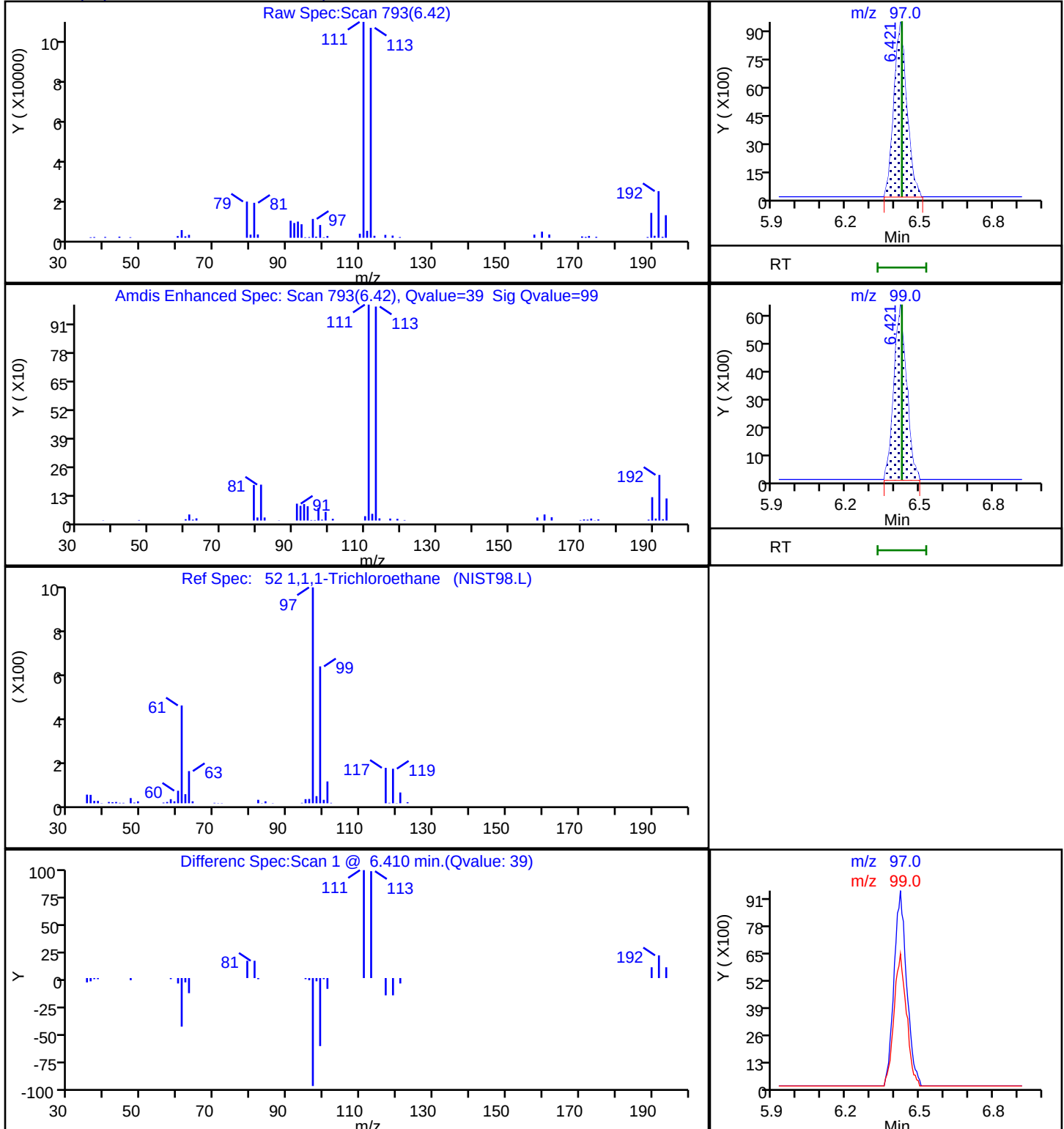
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X44.D

Injection Date: 31-Oct-2025 01:13:30

Instrument ID: 19094

Lims ID: 410-249042-A-5

Lab Sample ID: 410-249042-5

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

Operator ID: gaw91131

ALS Bottle#: 14

Worklist Smp#: 13

Purge Vol: 25.000 mL

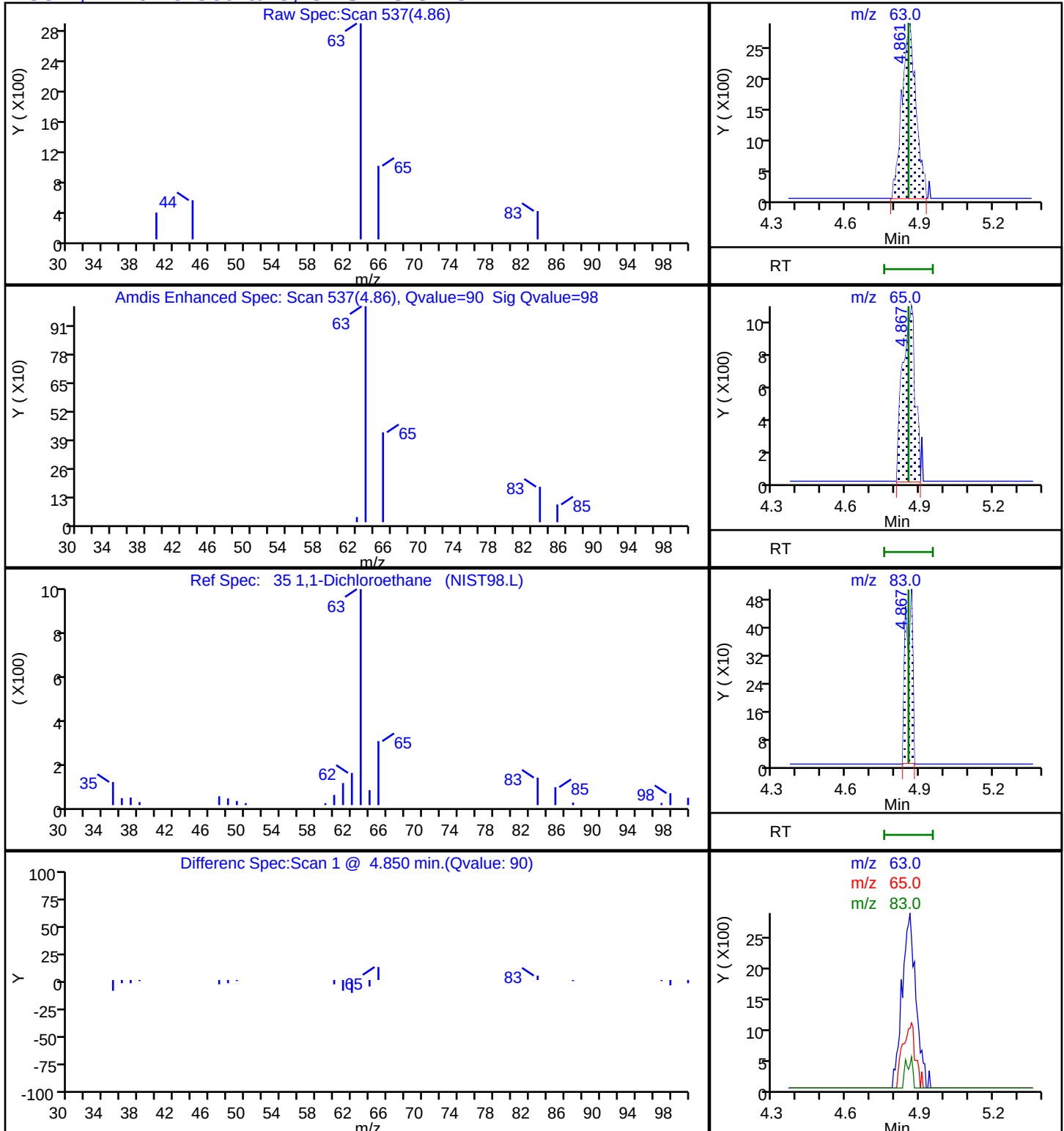
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X44.D

Injection Date: 31-Oct-2025 01:13:30

Instrument ID: 19094

Lims ID: 410-249042-A-5

Lab Sample ID: 410-249042-5

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

Operator ID: gaw91131

ALS Bottle#: 14

Worklist Smp#: 13

Purge Vol: 25.000 mL

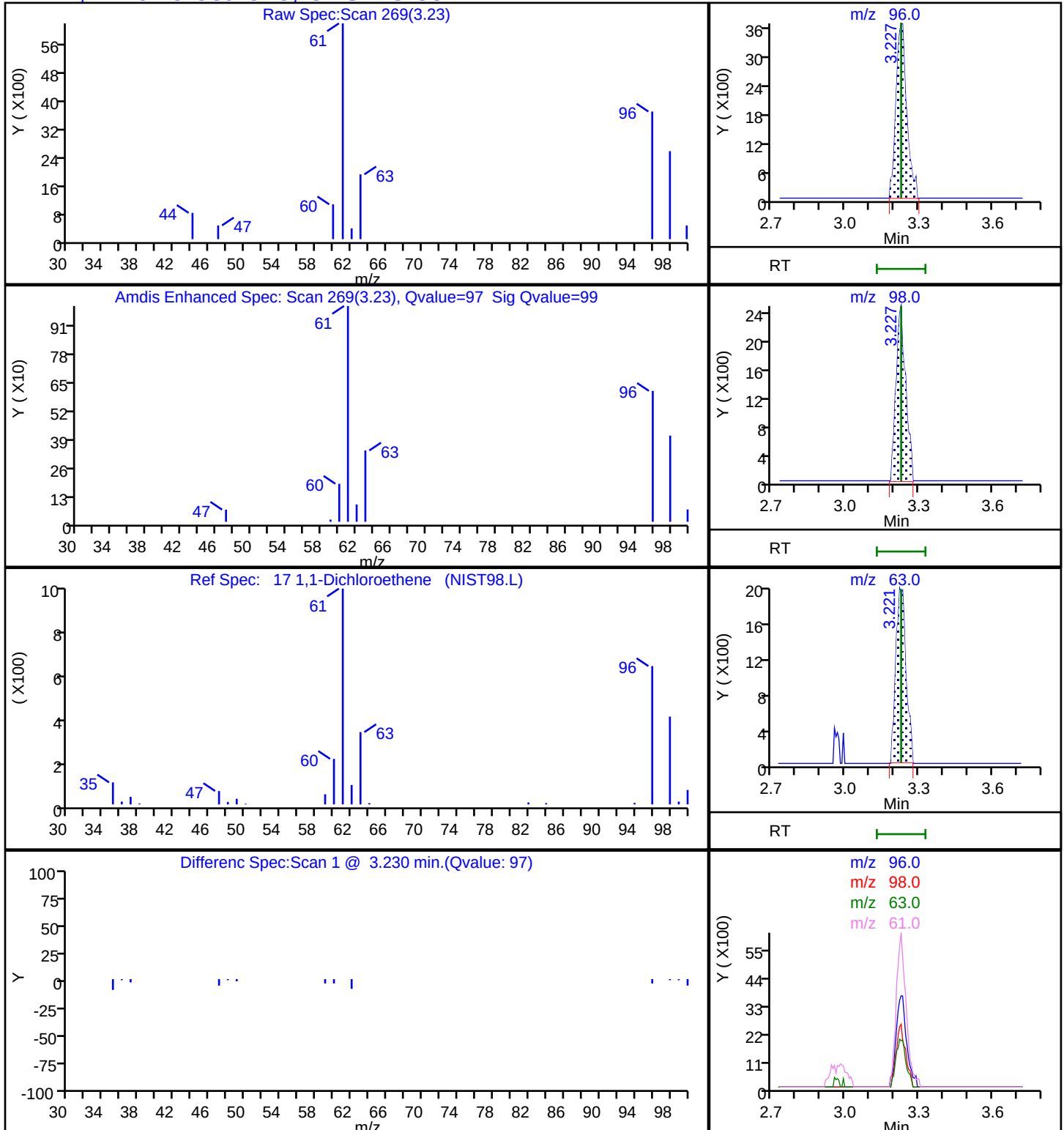
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X44.D

Injection Date: 31-Oct-2025 01:13:30

Instrument ID: 19094

Lims ID: 410-249042-A-5

Lab Sample ID: 410-249042-5

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

Operator ID: gaw91131

ALS Bottle#: 14

Worklist Smp#: 13

Purge Vol: 25.000 mL

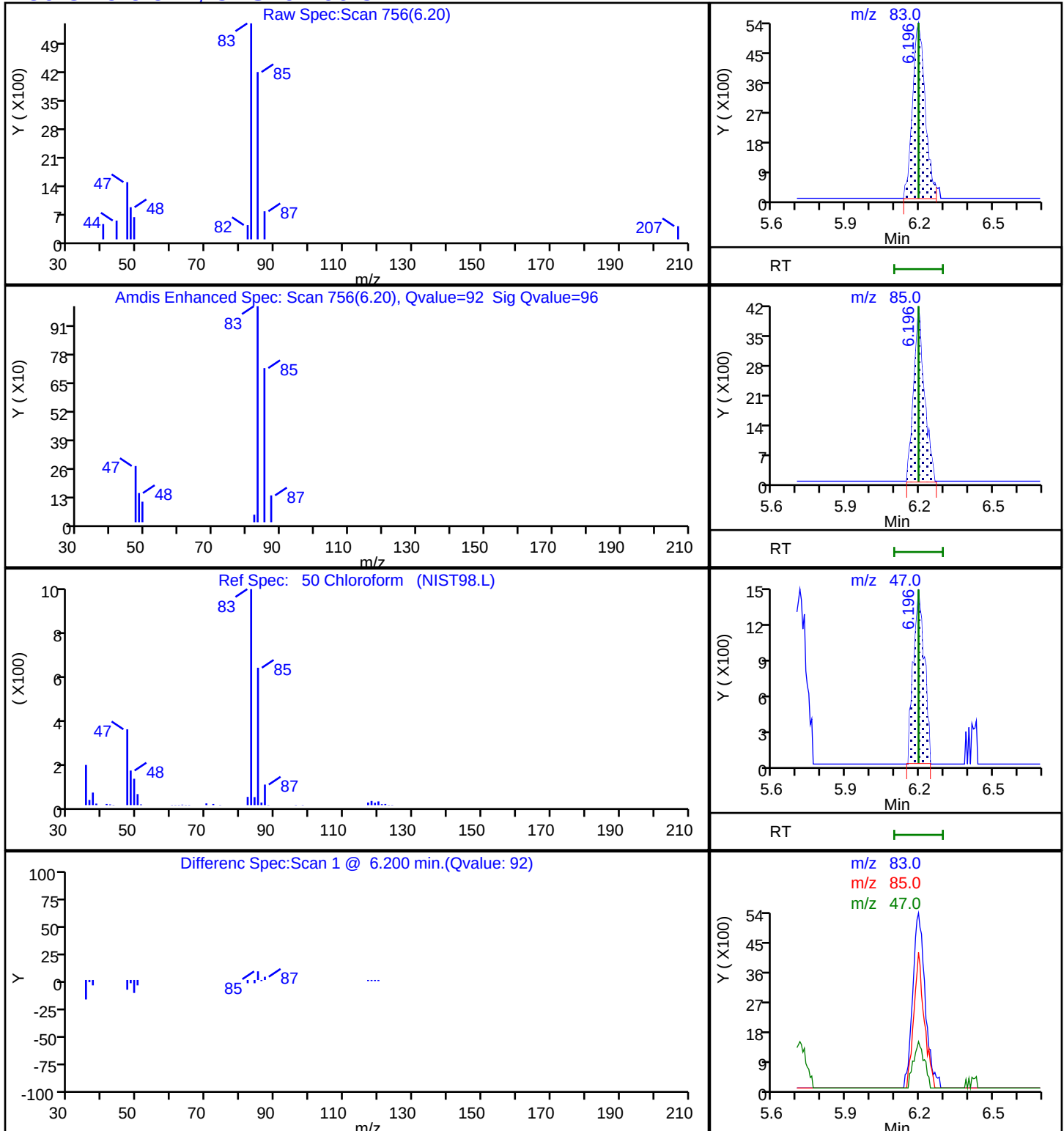
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

50 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X44.D

Injection Date: 31-Oct-2025 01:13:30

Instrument ID: 19094

Lims ID: 410-249042-A-5

Lab Sample ID: 410-249042-5

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

Operator ID: gaw91131

ALS Bottle#: 14

Worklist Smp#: 13

Purge Vol: 25.000 mL

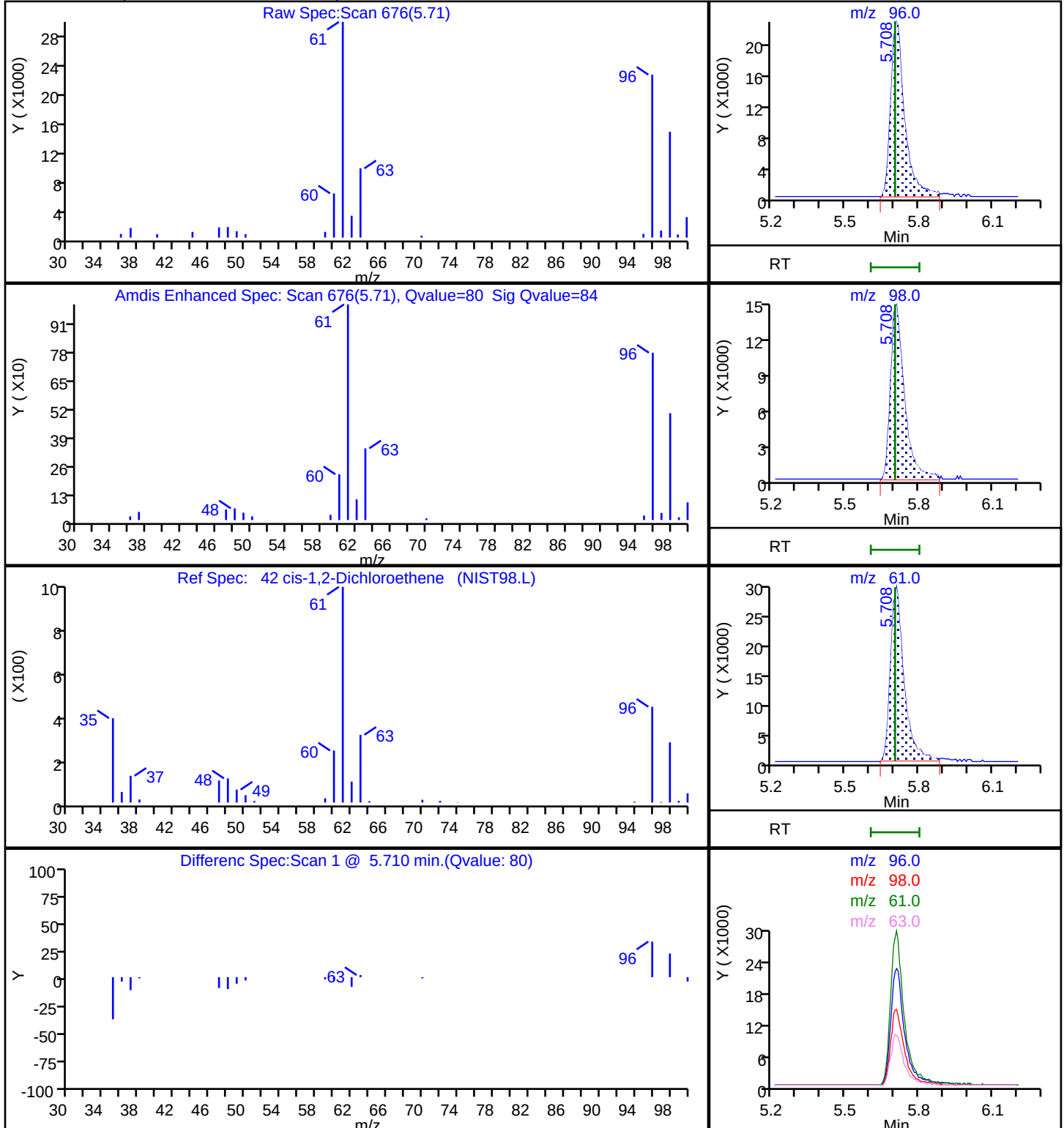
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X44.D

Injection Date: 31-Oct-2025 01:13:30

Instrument ID: 19094

Lims ID: 410-249042-A-5

Lab Sample ID: 410-249042-5

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

Operator ID: gaw91131

ALS Bottle#: 14

Worklist Smp#: 13

Purge Vol: 25.000 mL

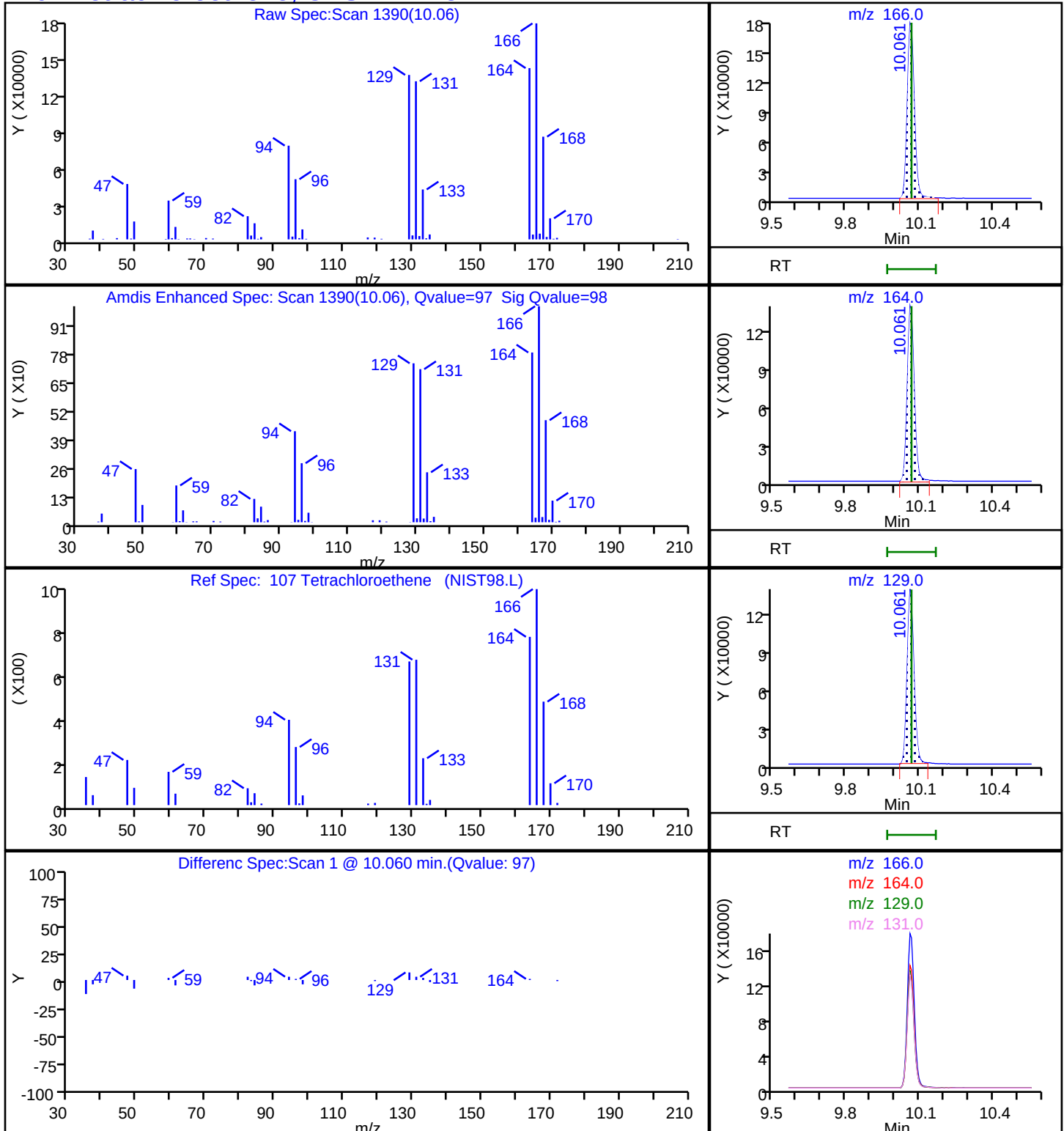
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

107 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X44.D

Injection Date: 31-Oct-2025 01:13:30

Instrument ID: 19094

Lims ID: 410-249042-A-5

Lab Sample ID: 410-249042-5

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

Operator ID: gaw91131

ALS Bottle#: 14

Worklist Smp#: 13

Purge Vol: 25.000 mL

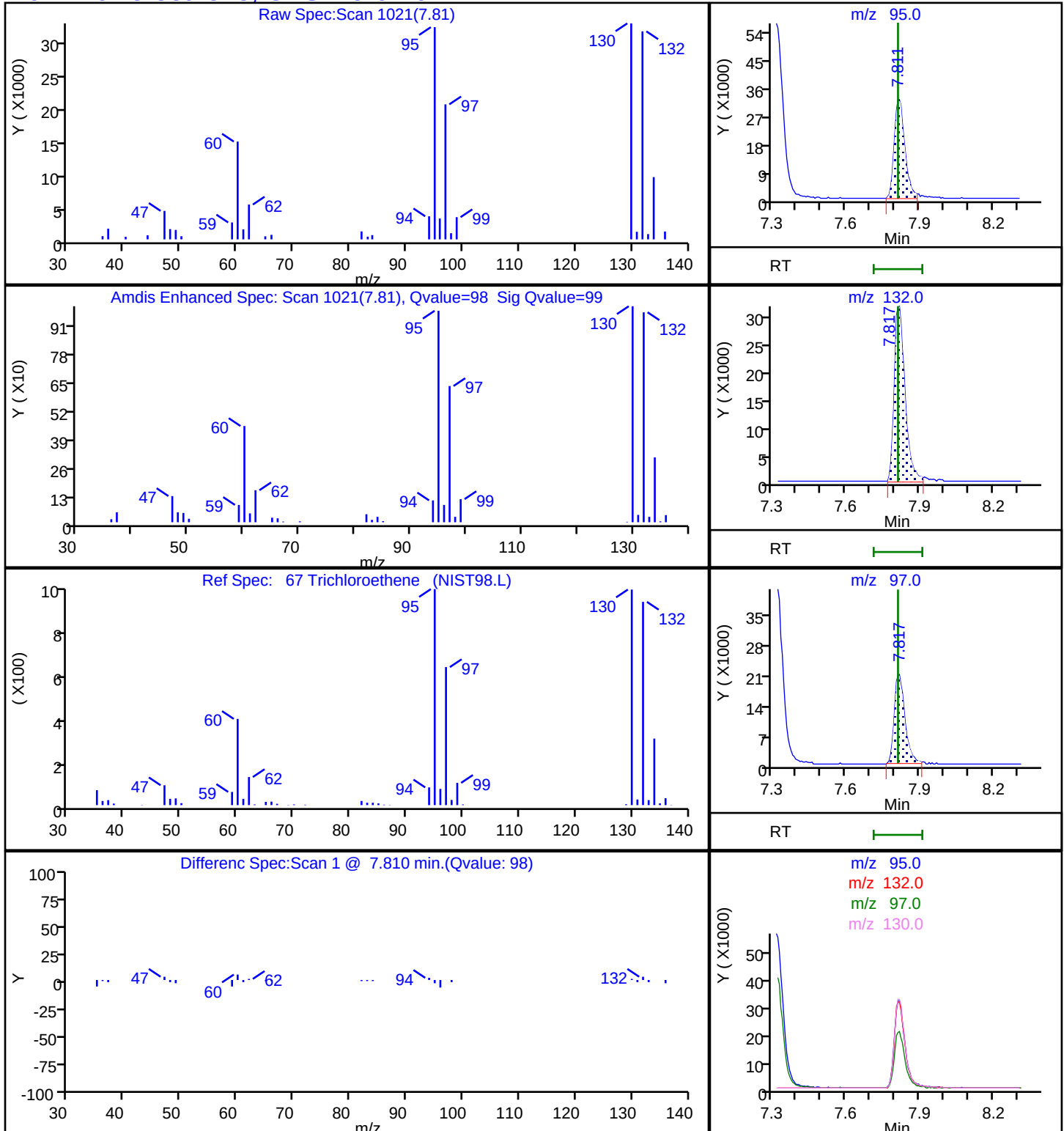
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

67 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

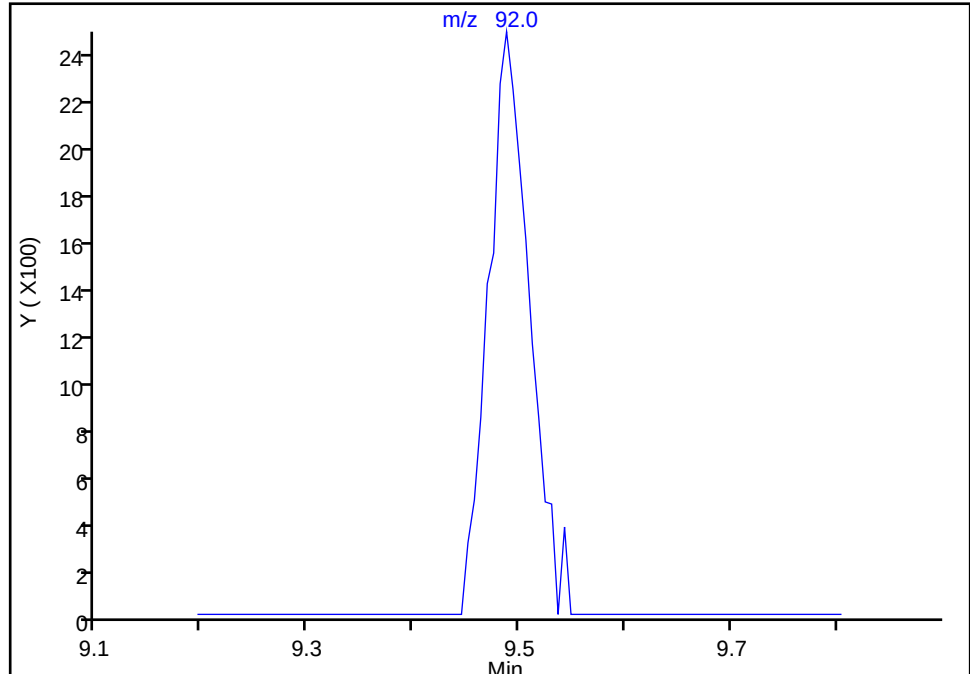
Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X44.D
Injection Date: 31-Oct-2025 01:13:30 Instrument ID: 19094
Lims ID: 410-249042-A-5 Lab Sample ID: 410-249042-5
Client ID: HD-COD-SW-15-0/1-0
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

84 Toluene, CAS: 108-88-3

Signal: 1

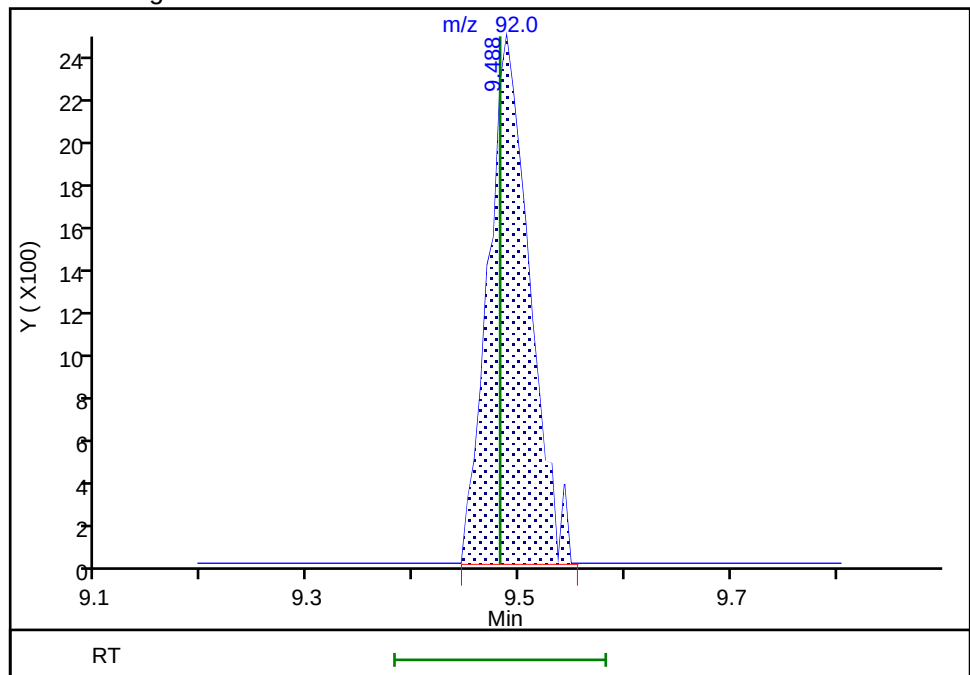
Not Detected
Expected RT: 9.48

Processing Integration Results



RT: 9.49
Area: 6541
Amount: 0.043918
Amount Units: ug/l

Manual Integration Results



Reviewer: N9NA, 31-Oct-2025 13:51:44 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.: 410-249042-1

SDG No.:

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

Lab Sample ID: 410-249042-6

Matrix: Water

Lab File ID: HC30X47.D

Analysis Method: 8260D

Date Collected: 10/24/2025 09:27

Sample wt/vol: 25 (mL)

Date Analyzed: 10/31/2025 02:15

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.: 722416

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	0.26	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	2.4	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	0.36	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	3.8		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-16-0/1-0 Lab Sample ID: 410-249042-6

Matrix: Water Lab File ID: HC30X47.D

Analysis Method: 8260D Date Collected: 10/24/2025 09:27

Sample wt/vol: 25 (mL) Date Analyzed: 10/31/2025 02:15

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.: 722416 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	0.34	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)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	100		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\19094\20251030-165098.b\HC30X47.D
 Lims ID: 410-249042-A-6
 Client ID: HD-COD-SW-16-0/1-0
 Sample Type: Client
 Inject. Date: 31-Oct-2025 02:15:30 ALS Bottle#: 17 Worklist Smp#: 16
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0165098-016
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 31-Oct-2025 14:29:16 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 14:29:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	2.001	2.007	-0.006	98	6694	0.0774	
7 Vinyl chloride	62		2.111				ND	7
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.459				ND	
17 1,1-Dichloroethene	96		3.227				ND	7
19 Acetone	43	3.343	3.257	0.086	68	13121	2.36	
23 Carbon disulfide	76	3.507	3.513	-0.006	97	4414	0.0333	
27 Methylene Chloride	84		3.818				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.824	3.824	0.000	33	76899	50.0	
31 Methyl tert-butyl ether	73		4.184				ND	
33 trans-1,2-Dichloroethene	96		4.202				ND	
35 1,1-Dichloroethane	63	4.873	4.854	0.019	90	3848	0.0402	
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.726	5.702	0.024	80	19323	0.3553	
47 Chlorobromomethane	128		6.037				ND	
50 Chloroform	83	6.208	6.196	0.012	92	10376	0.1113	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.415	-0.006	93	441220	10.0	
52 1,1,1-Trichloroethane	97	6.421	6.427	-0.006	64	22739	0.2582	
56 Carbon tetrachloride	117		6.641				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	78	79847	9.86	
59 Benzene	78	6.909	6.903	0.006	88	7172	0.0322	
60 1,2-Dichloroethane	62		6.976				ND	
* 64 Fluorobenzene (IS)	96	7.317	7.323	-0.006	99	1918620	10.0	
67 Trichloroethene	95	7.823	7.811	0.012	96	20083	0.3434	
70 1,2-Dichloropropane	63		8.146				ND	
76 Dichlorobromomethane	83		8.500				ND	7
80 cis-1,3-Dichloropropene	75		9.073				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.256				ND	7
\$ 82 Toluene-d8 (Surr)	98	9.402	9.402	0.000	94	1958871	9.79	
84 Toluene	92	9.494	9.482	0.012	98	6756	0.0452	
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.975				ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.067	10.067	0.000	97	259493	3.84	
109 2-Hexanone	43		10.195				ND	7
111 Chlorodibromomethane	129		10.366				ND	
112 Ethylene Dibromide	107		10.481				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.927	10.926	0.000	87	1419274	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		11.164				ND	7
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.499				ND	7
121 Styrene	104		11.512				ND	7
122 Bromoform	173		11.670				ND	7
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	711282	9.88	
127 1,1,2,2-Tetrachloroethane	83		12.054				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	775492	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\20251030-165098.b\HC30X47.D

Injection Date: 31-Oct-2025 02:15:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: 410-249042-A-6

Lab Sample ID: 410-249042-6

Worklist Smp#: 16

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

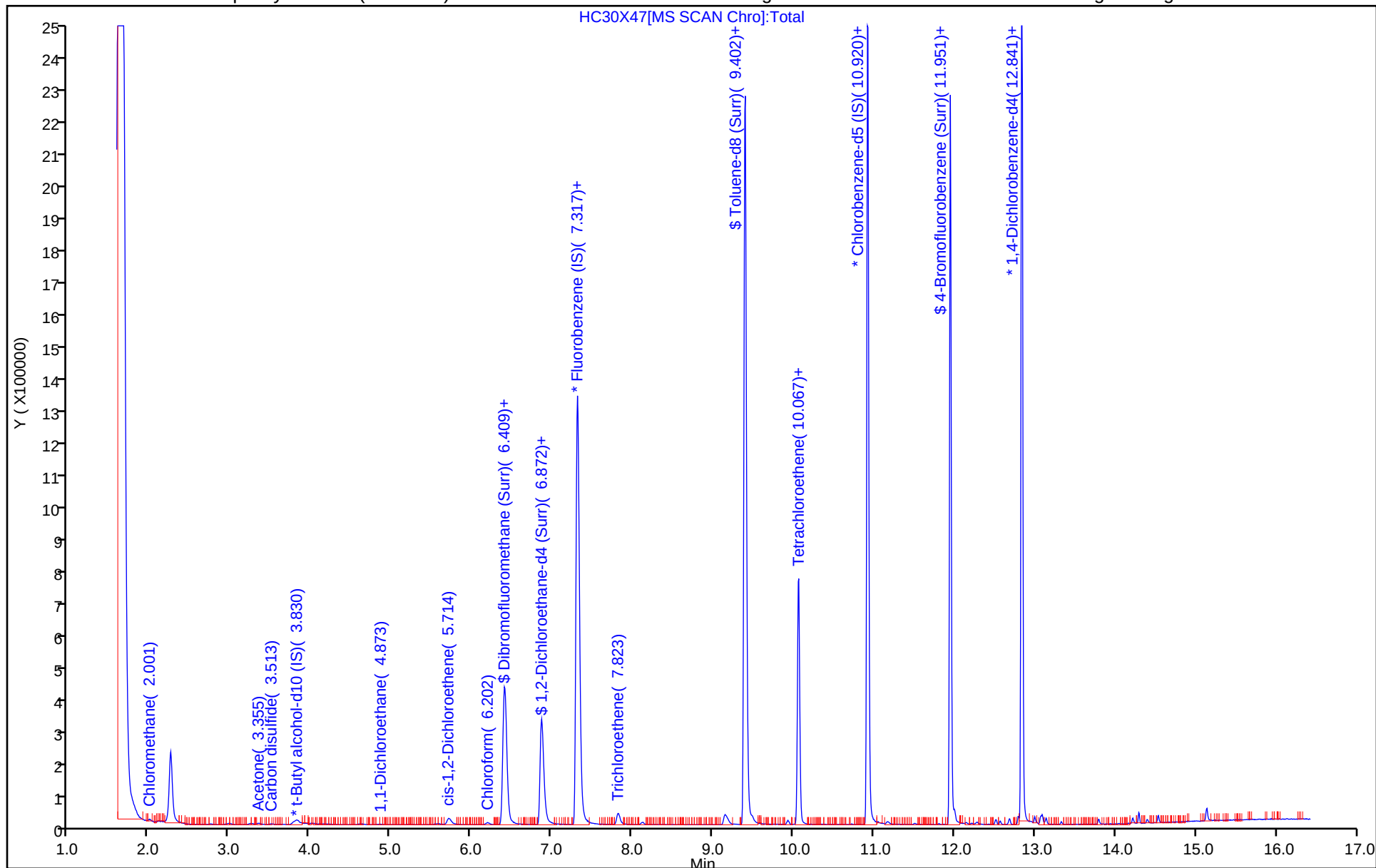
ALS Bottle#: 17

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\20251030-165098.b\HC30X47.D
Lims ID: 410-249042-A-6
Client ID: HD-COD-SW-16-0/1-0
Sample Type: Client
Inject. Date: 31-Oct-2025 02:15:30 ALS Bottle#: 17 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0165098-016
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 31-Oct-2025 14:29:16 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 14:29:16

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	10.0	100.46
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	9.86	98.55
\$ 82 Toluene-d8 (Surr)	10.0	9.79	97.86
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.88	98.82

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X47.D

Injection Date: 31-Oct-2025 02:15:30

Instrument ID: 19094

Lims ID: 410-249042-A-6

Lab Sample ID: 410-249042-6

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

Operator ID: gaw91131

ALS Bottle#: 17

Worklist Smp#: 16

Purge Vol: 25.000 mL

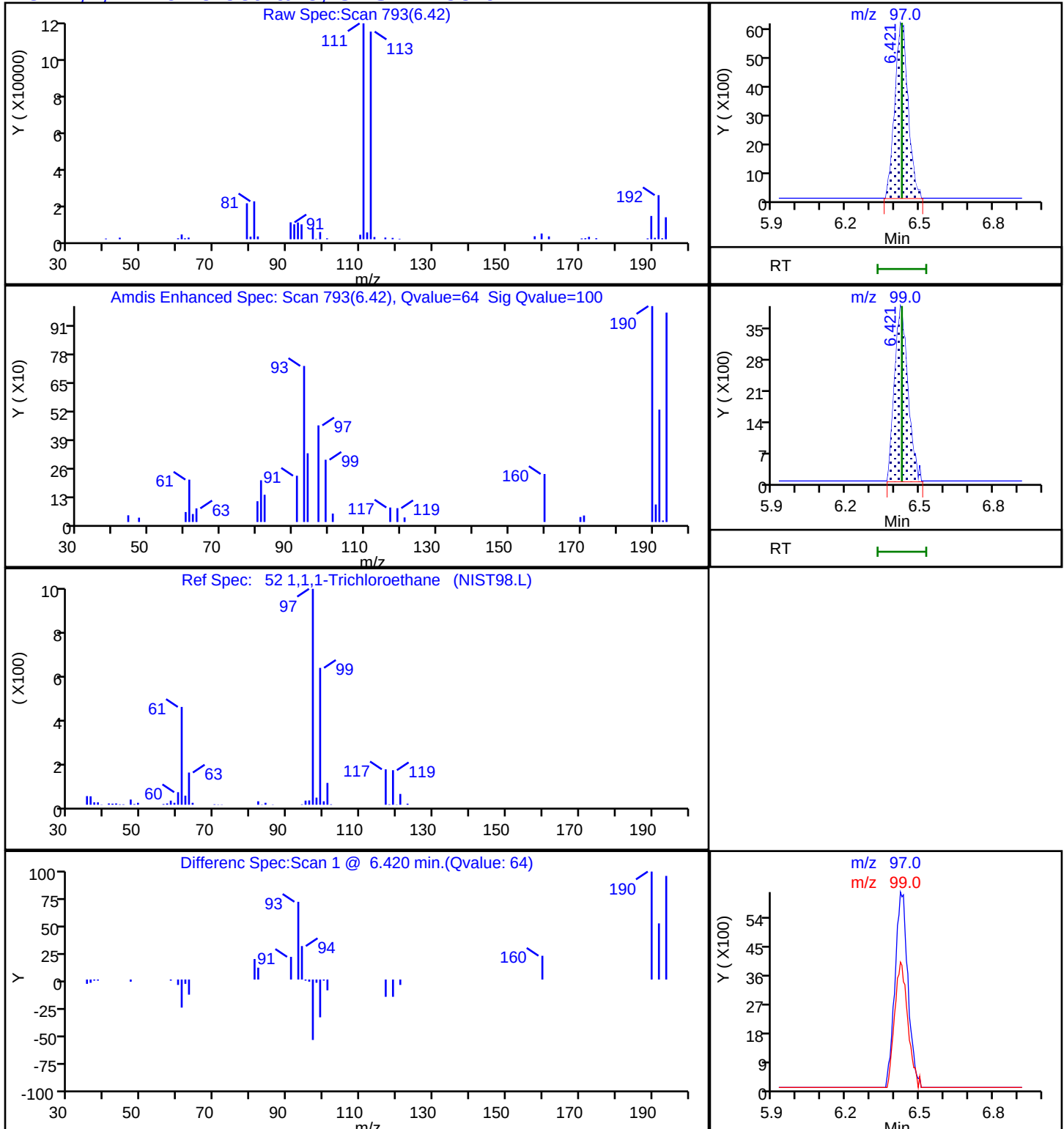
Dil. Factor: 1.0000

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X47.D

Injection Date: 31-Oct-2025 02:15:30

Instrument ID: 19094

Lims ID: 410-249042-A-6

Lab Sample ID: 410-249042-6

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

Operator ID: gaw91131

ALS Bottle#: 17

Worklist Smp#: 16

Purge Vol: 25.000 mL

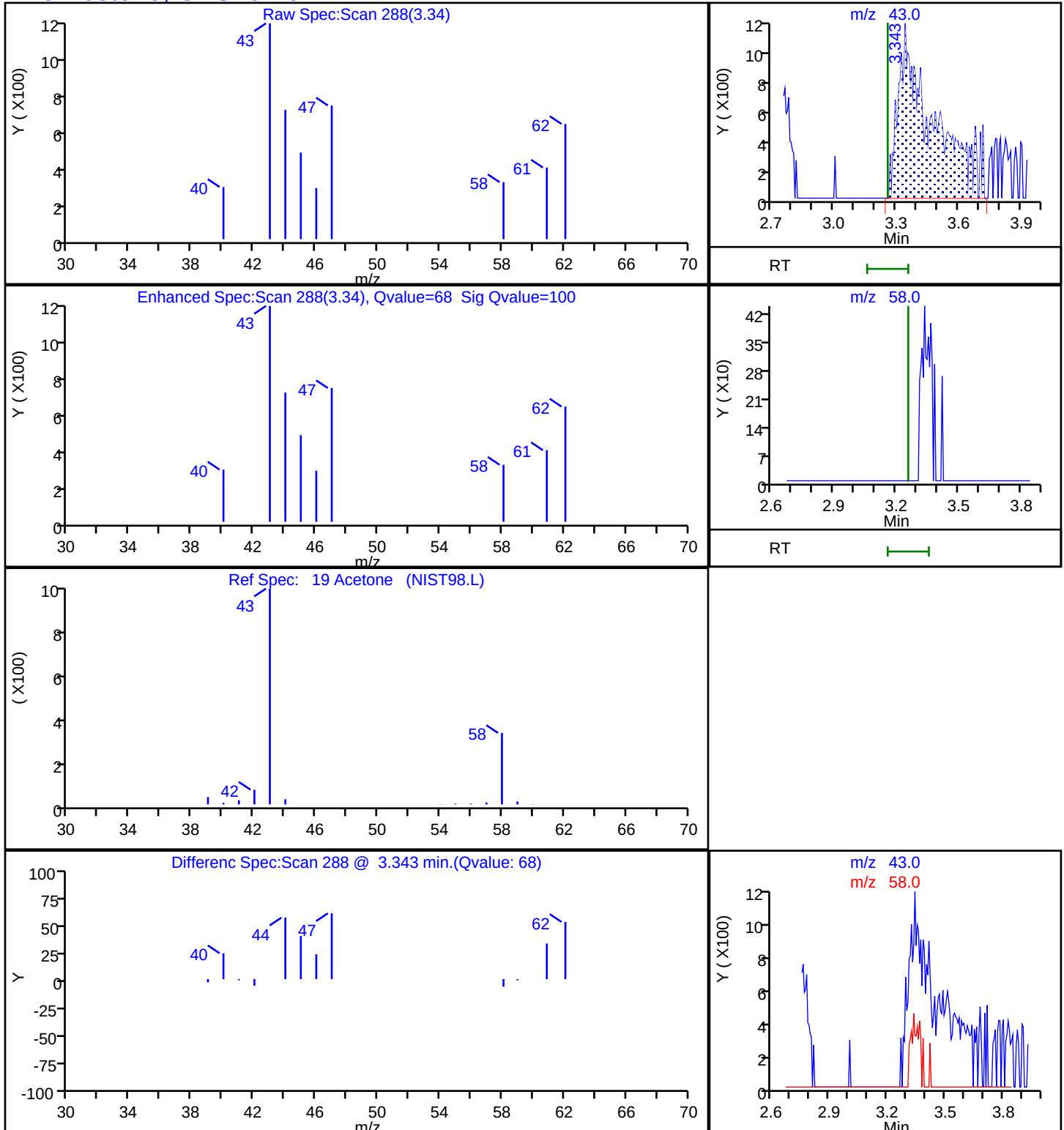
Dil. Factor: 1.0000

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X47.D

Injection Date: 31-Oct-2025 02:15:30

Instrument ID: 19094

Lims ID: 410-249042-A-6

Lab Sample ID: 410-249042-6

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

Operator ID: gaw91131

ALS Bottle#: 17

Worklist Smp#: 16

Purge Vol: 25.000 mL

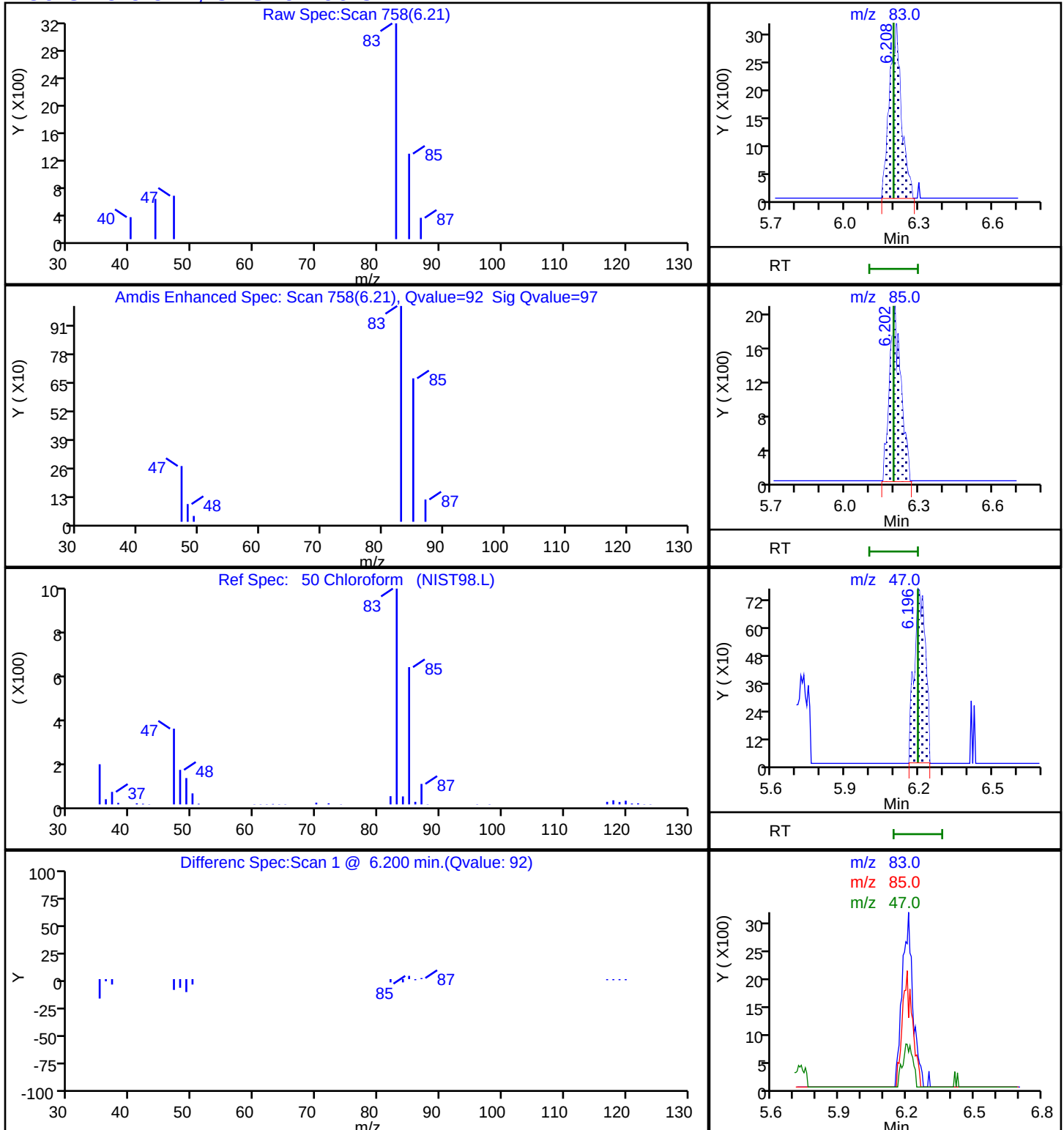
Dil. Factor: 1.0000

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\20251030-165098.b\HC30X47.D

Injection Date: 31-Oct-2025 02:15:30

Instrument ID: 19094

Lims ID: 410-249042-A-6

Lab Sample ID: 410-249042-6

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

Operator ID: gaw91131

ALS Bottle#: 17

Worklist Smp#: 16

Purge Vol: 25.000 mL

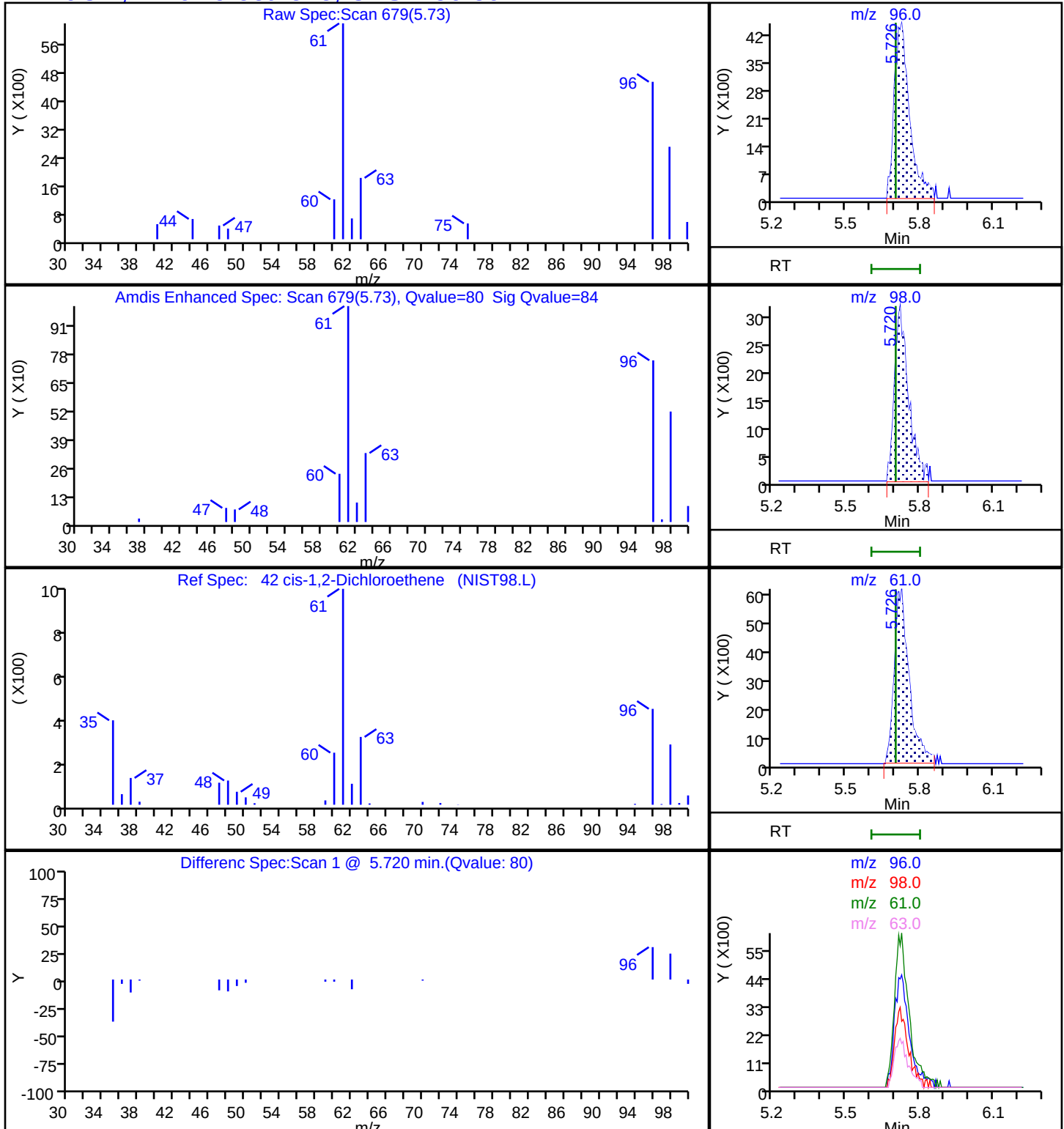
Dil. Factor: 1.0000

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\20251030-165098.b\HC30X47.D

Injection Date: 31-Oct-2025 02:15:30

Instrument ID: 19094

Lims ID: 410-249042-A-6

Lab Sample ID: 410-249042-6

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

Operator ID: gaw91131

ALS Bottle#: 17

Worklist Smp#: 16

Purge Vol: 25.000 mL

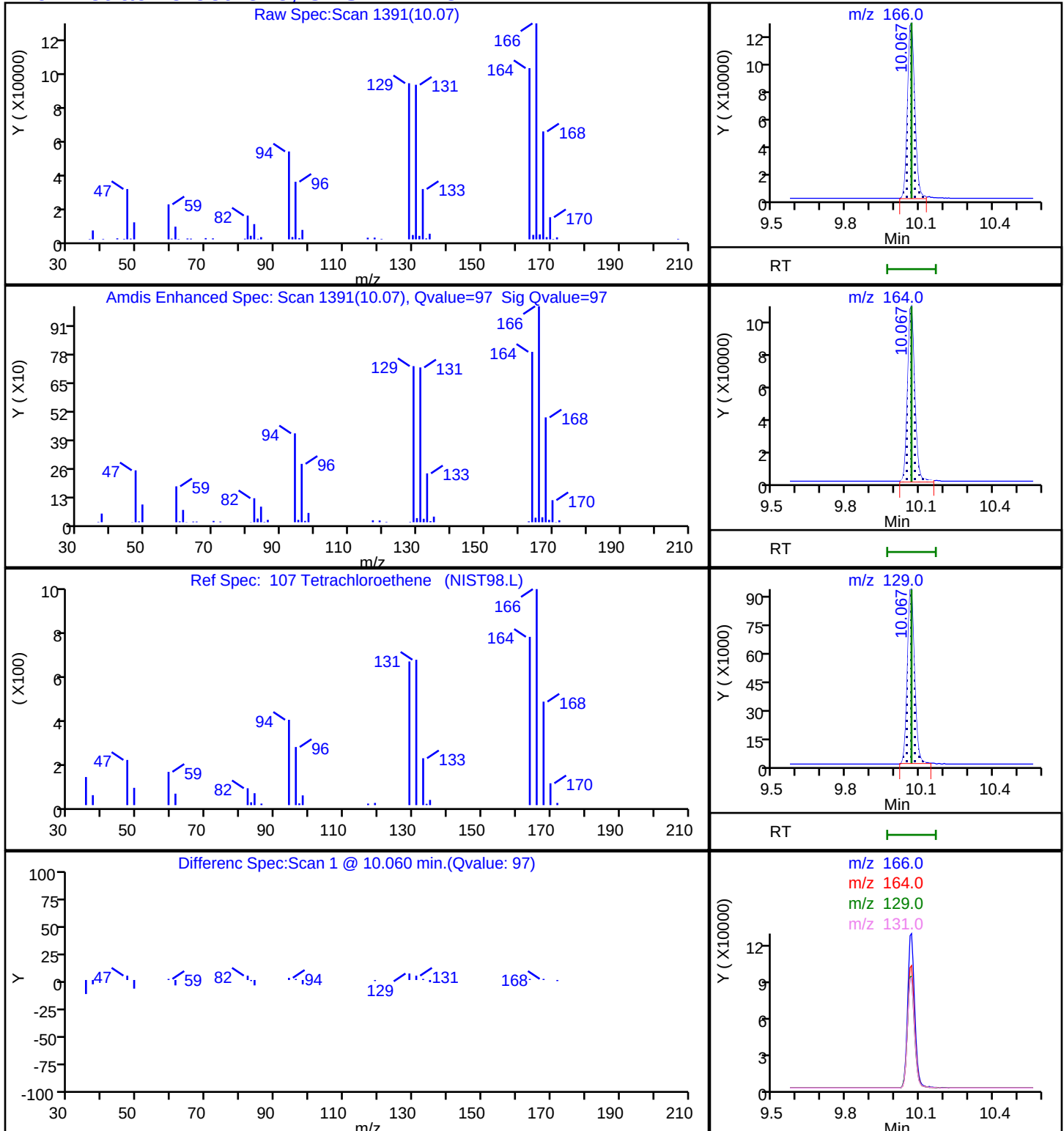
Dil. Factor: 1.0000

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\20251030-165098.b\HC30X47.D

Injection Date: 31-Oct-2025 02:15:30

Instrument ID: 19094

Lims ID: 410-249042-A-6

Lab Sample ID: 410-249042-6

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

Operator ID: gaw91131

ALS Bottle#: 17

Worklist Smp#: 16

Purge Vol: 25.000 mL

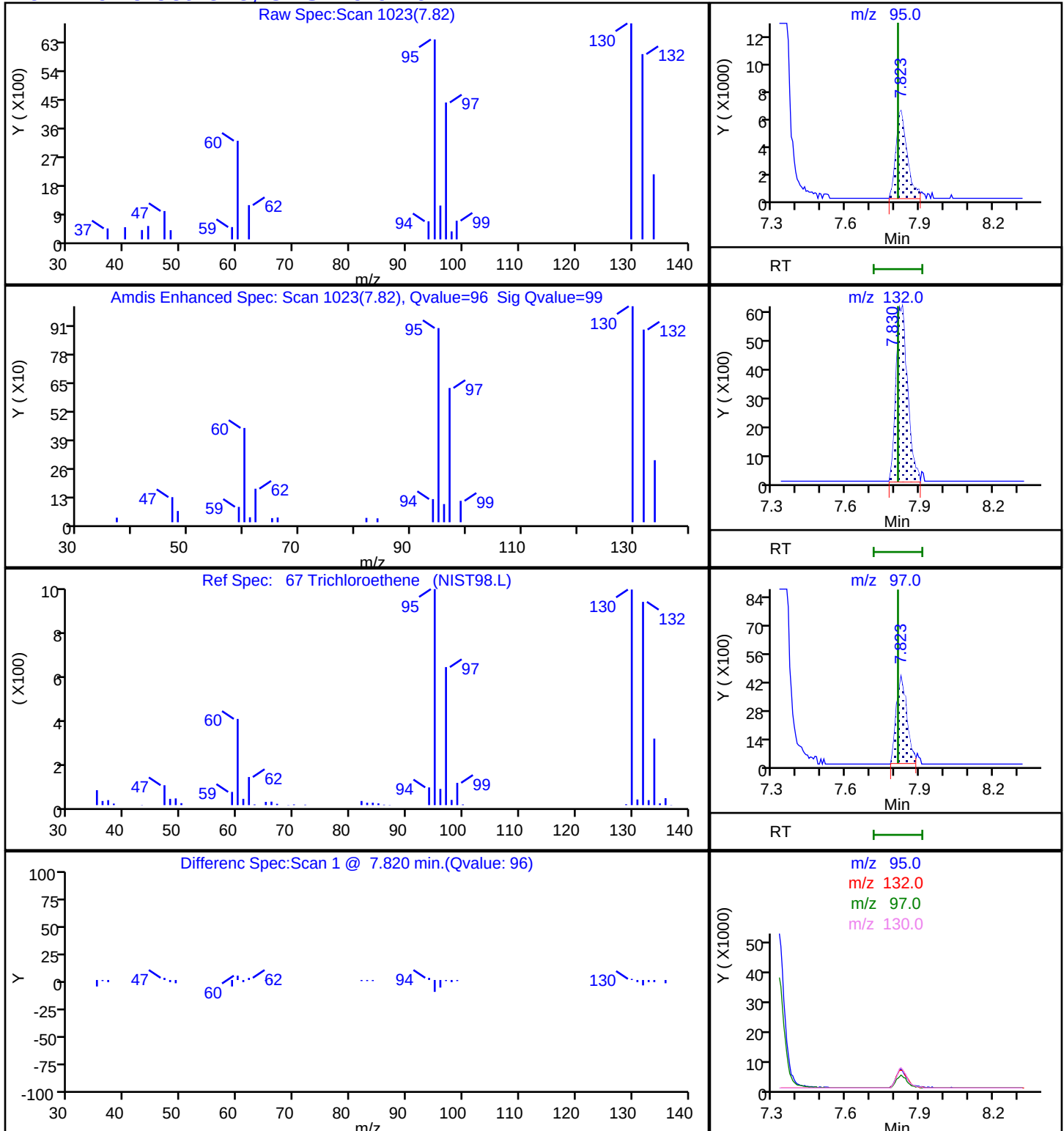
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

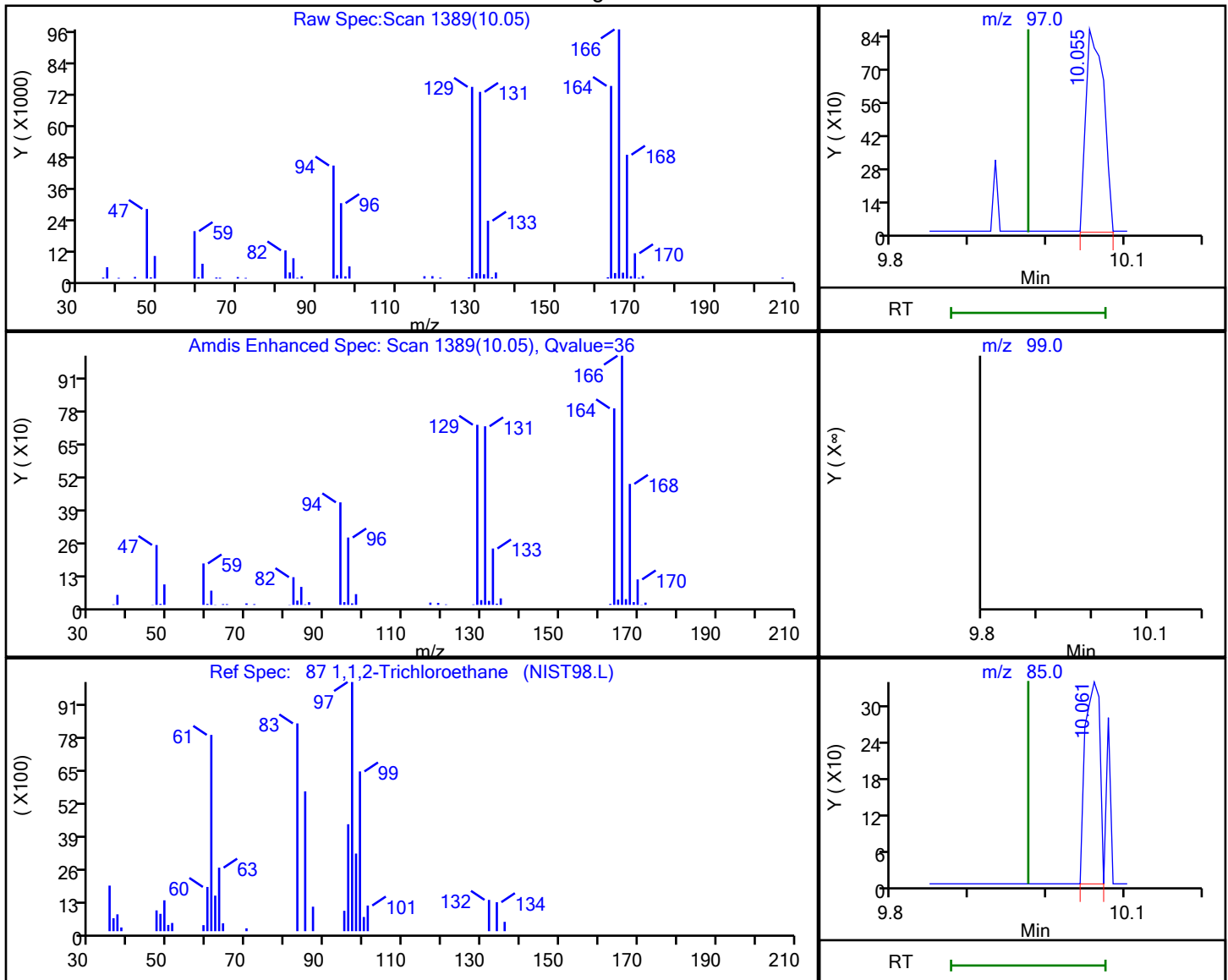
67 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X47.D
Injection Date: 31-Oct-2025 02:15:30 Instrument ID: 19094
Lims ID: 410-249042-A-6 Lab Sample ID: 410-249042-6
Client ID: HD-COD-SW-16-0/1-0
Operator ID: gaw91131 ALS Bottle#: 17 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

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

Processing Results



RT	Mass	Response	Amount
10.05	97.00	1371	0.044166
9.98	99.00	0	
10.06	85.00	447	
10.05	83.00	4456	

Reviewer: N9NA, 31-Oct-2025 14:29:11 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.: 410-249042-1

SDG No.:

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

Lab Sample ID: 410-249042-7

Matrix: Water

Lab File ID: HC30X52.D

Analysis Method: 8260D

Date Collected: 10/24/2025 09:35

Sample wt/vol: 25 (mL)

Date Analyzed: 10/31/2025 03:59

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.: 722416

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	15		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	2.4		0.50	0.10
75-35-4	1,1-Dichloroethene	1.1		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	0.20	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	3.0		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.: 410-249042-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-17-0/1-0 Lab Sample ID: 410-249042-7

Matrix: Water Lab File ID: HC30X52.D

Analysis Method: 8260D Date Collected: 10/24/2025 09:35

Sample wt/vol: 25 (mL) Date Analyzed: 10/31/2025 03:59

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.: 722416 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 19094

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	5.3		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)	96		80-120
1868-53-7	Dibromofluoromethane (Surr)	103		80-120
2037-26-5	Toluene-d8 (Surr)	92		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X52.D
 Lims ID: 410-249042-A-7
 Client ID: HD-COD-SW-17-0/1-0
 Sample Type: Client
 Inject. Date: 31-Oct-2025 03:59:30 ALS Bottle#: 22 Worklist Smp#: 21
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0165098-021
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 31-Oct-2025 09:46:32 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: CTX1638

First Level Reviewer: N7YK

Date: 31-Oct-2025 09:42:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		2.007				ND	7
7 Vinyl chloride	62		2.111				ND	7
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.459				ND	
17 1,1-Dichloroethene	96	3.227	3.227	0.000	97	51700	1.12	
19 Acetone	43		3.257				ND	
23 Carbon disulfide	76		3.513				ND	
27 Methylene Chloride	84		3.818				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.836	3.824	0.012	31	84188	50.0	
31 Methyl tert-butyl ether	73		4.184				ND	7
33 trans-1,2-Dichloroethene	96	4.233	4.202	0.031	94	2514	0.0494	
35 1,1-Dichloroethane	63	4.860	4.854	0.006	96	228849	2.42	
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.708	5.702	0.006	80	160941	2.99	
47 Chlorobromomethane	128		6.037				ND	
50 Chloroform	83	6.202	6.196	0.006	91	18420	0.1994	
\$ 51 Dibromofluoromethane (Surr)	113	6.415	6.415	0.000	93	448008	10.3	
52 1,1,1-Trichloroethane	97	6.421	6.427	-0.006	99	1265110	14.5	
56 Carbon tetrachloride	117	6.647	6.641	0.006	8	2602	0.0355	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	70	81058	10.1	
59 Benzene	78		6.903				ND	7
60 1,2-Dichloroethane	62		6.976				ND	
* 64 Fluorobenzene (IS)	96	7.317	7.323	-0.006	99	1900456	10.0	
67 Trichloroethene	95	7.817	7.811	0.006	98	304402	5.25	
70 1,2-Dichloropropane	63		8.146				ND	
76 Dichlorobromomethane	83		8.500				ND	
80 cis-1,3-Dichloropropene	75		9.073				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.256				ND	
\$ 82 Toluene-d8 (Surr)	98	9.402	9.402	0.000	94	1925978	9.25	
84 Toluene	92	9.482	9.482	0.000	96	4102	0.0264	
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.975				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.067	10.067	0.000	93	13592934	193.1	E
109 2-Hexanone	43		10.195				ND	
111 Chlorodibromomethane	129		10.366				ND	7
112 Ethylene Dibromide	107		10.481				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.926	10.926	0.000	87	1476723	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		11.164				ND	7
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.499				ND	7
121 Styrene	104		11.512				ND	
122 Bromoform	173		11.670				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	719613	9.61	
127 1,1,2,2-Tetrachloroethane	83		12.054				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	785325	10.0	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Reagents:

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 31-Oct-2025 09:47:13

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X52.D

Injection Date: 31-Oct-2025 03:59:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: 410-249042-A-7

Lab Sample ID: 410-249042-7

Worklist Smp#: 21

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

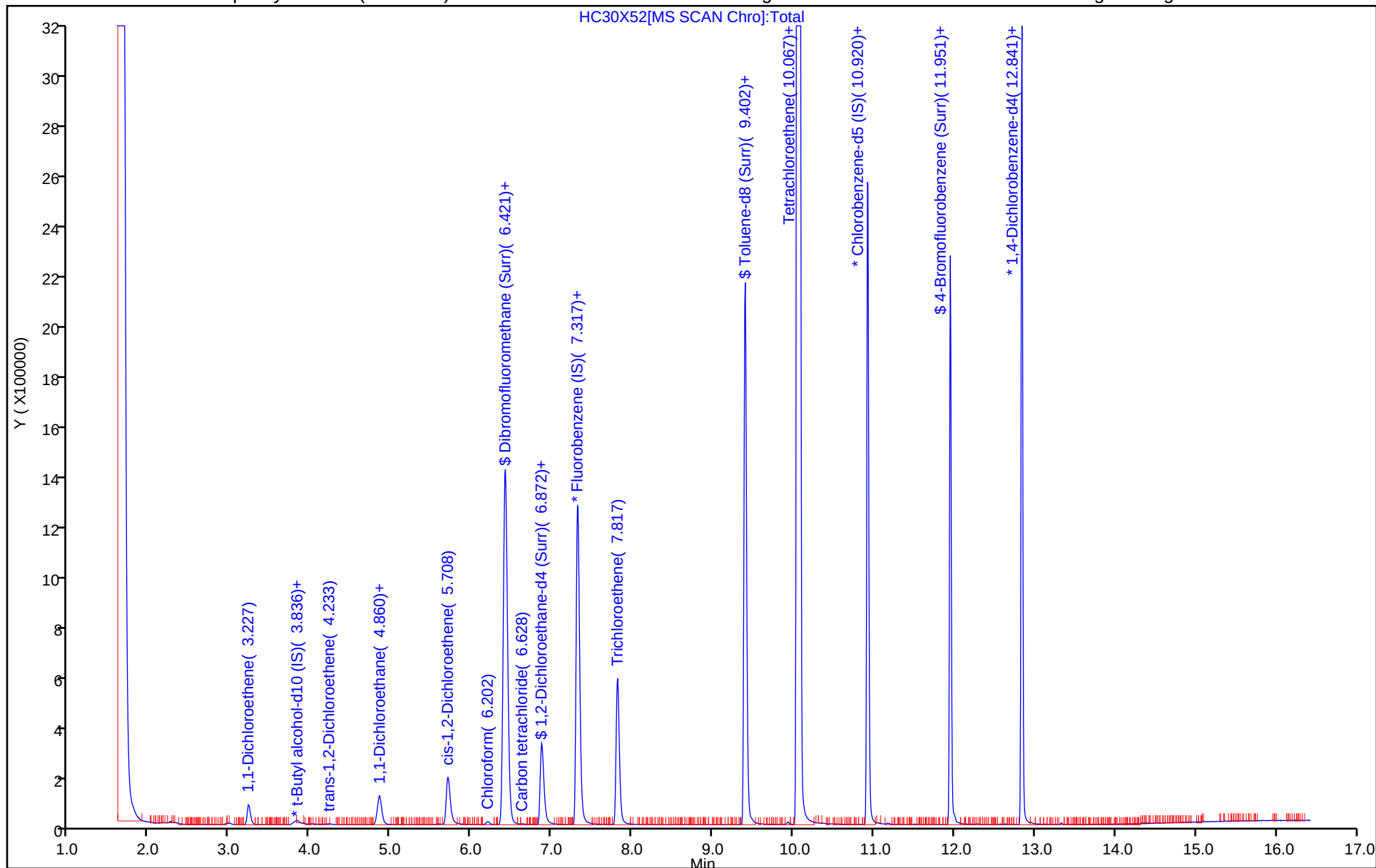
ALS Bottle#: 22

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
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X52.D
Lims ID: 410-249042-A-7
Client ID: HD-COD-SW-17-0/1-0
Sample Type: Client
Inject. Date: 31-Oct-2025 03:59:30 ALS Bottle#: 22 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0165098-021
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 31-Oct-2025 09:46:32 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: CTX1638

First Level Reviewer: N7YK

Date: 31-Oct-2025 09:42:31

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	10.3	102.98
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.1	101.00
\$ 82 Toluene-d8 (Surr)	10.0	9.25	92.48
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.61	96.08

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X52.D

Injection Date: 31-Oct-2025 03:59:30

Instrument ID: 19094

Lims ID: 410-249042-A-7

Lab Sample ID: 410-249042-7

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

Operator ID: gaw91131

ALS Bottle#: 22

Worklist Smp#: 21

Purge Vol: 25.000 mL

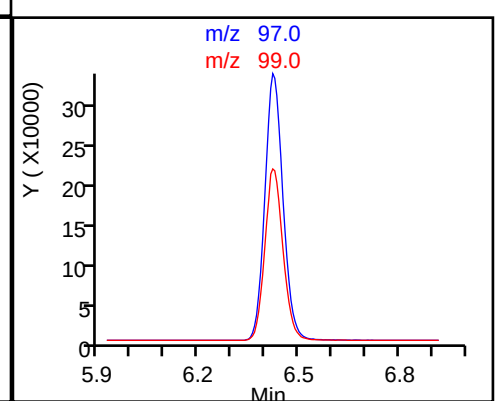
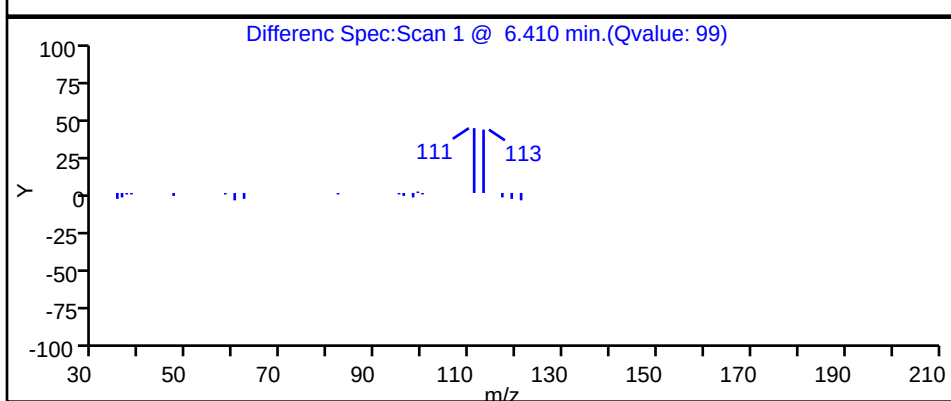
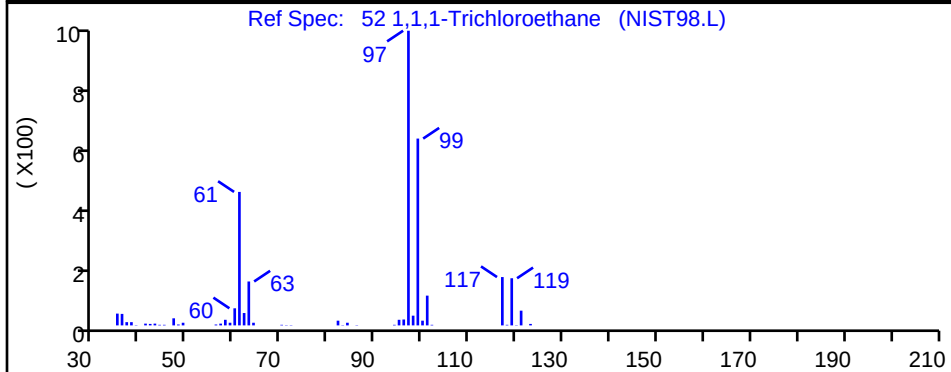
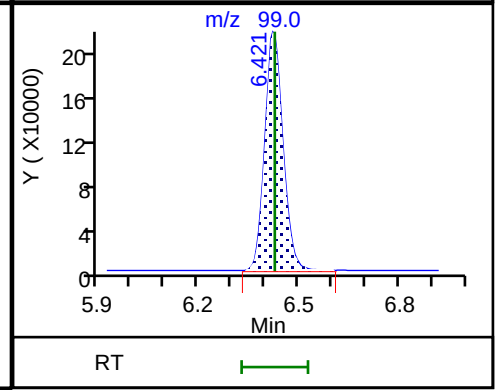
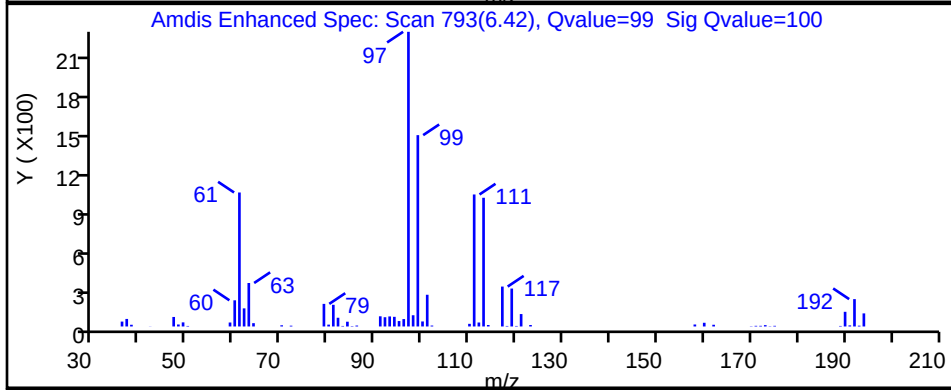
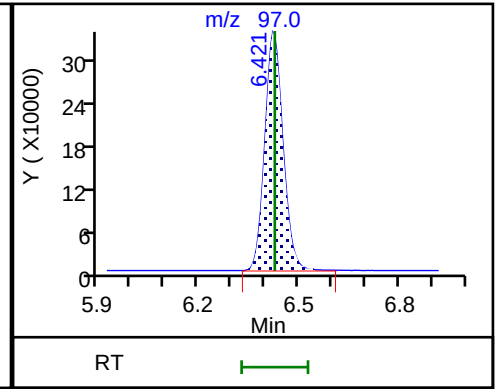
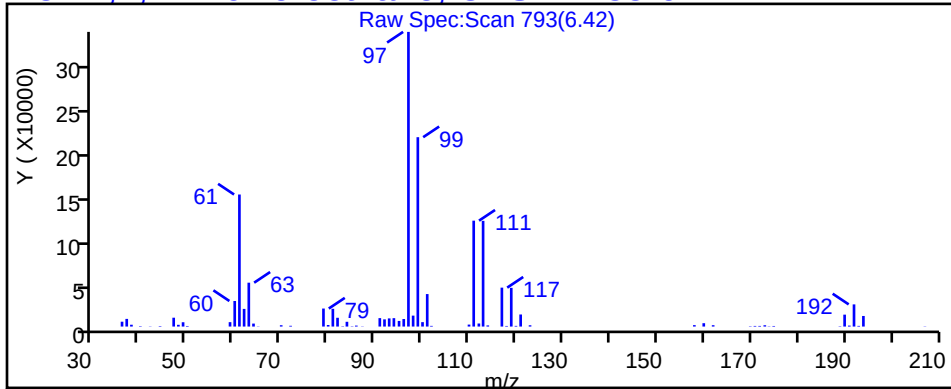
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X52.D

Injection Date: 31-Oct-2025 03:59:30

Instrument ID: 19094

Lims ID: 410-249042-A-7

Lab Sample ID: 410-249042-7

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

Operator ID: gaw91131

ALS Bottle#: 22

Worklist Smp#: 21

Purge Vol: 25.000 mL

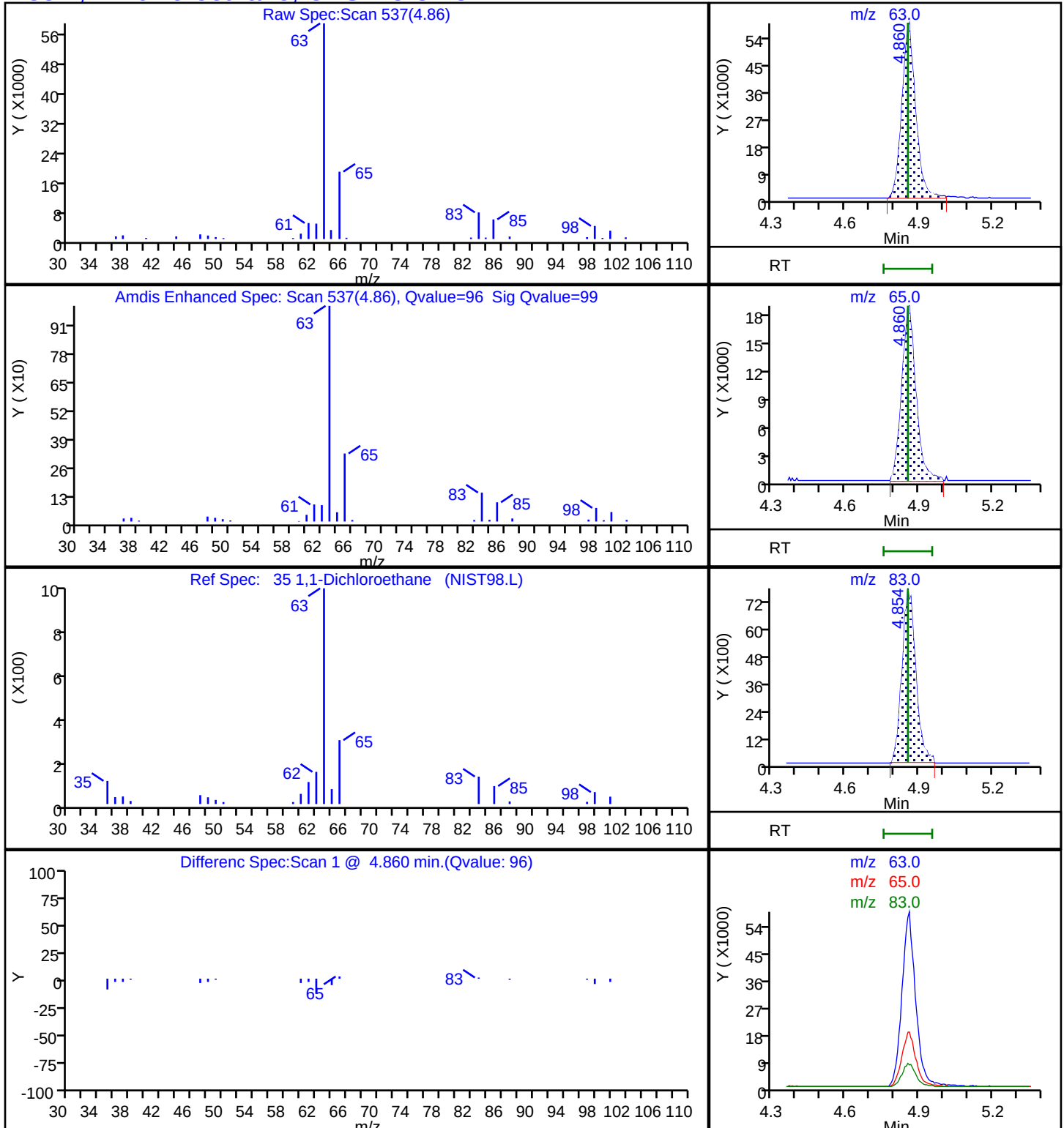
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X52.D

Injection Date: 31-Oct-2025 03:59:30

Instrument ID: 19094

Lims ID: 410-249042-A-7

Lab Sample ID: 410-249042-7

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

Operator ID: gaw91131

ALS Bottle#: 22

Worklist Smp#: 21

Purge Vol: 25.000 mL

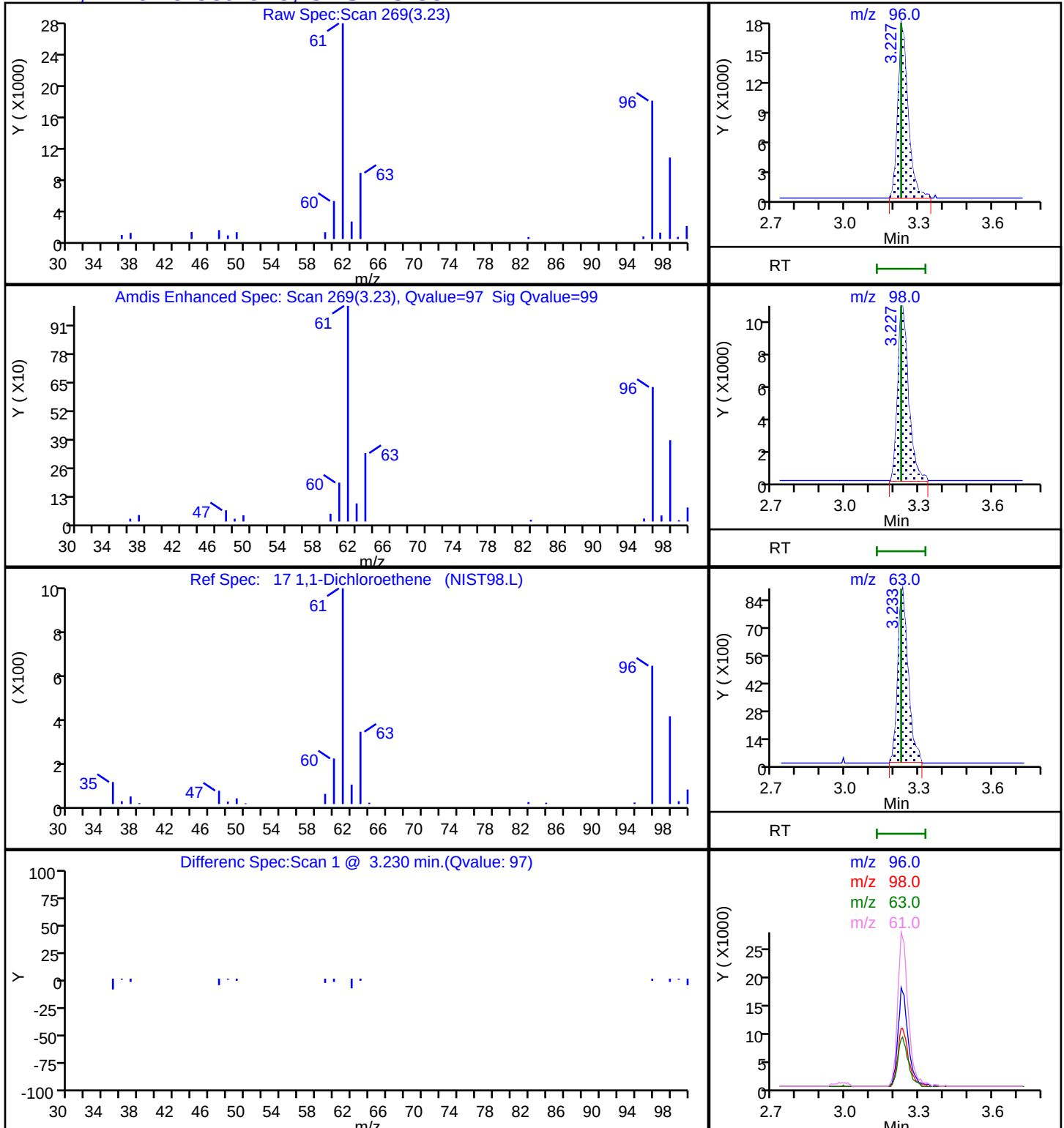
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X52.D

Injection Date: 31-Oct-2025 03:59:30

Instrument ID: 19094

Lims ID: 410-249042-A-7

Lab Sample ID: 410-249042-7

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

Operator ID: gaw91131

ALS Bottle#: 22

Worklist Smp#: 21

Purge Vol: 25.000 mL

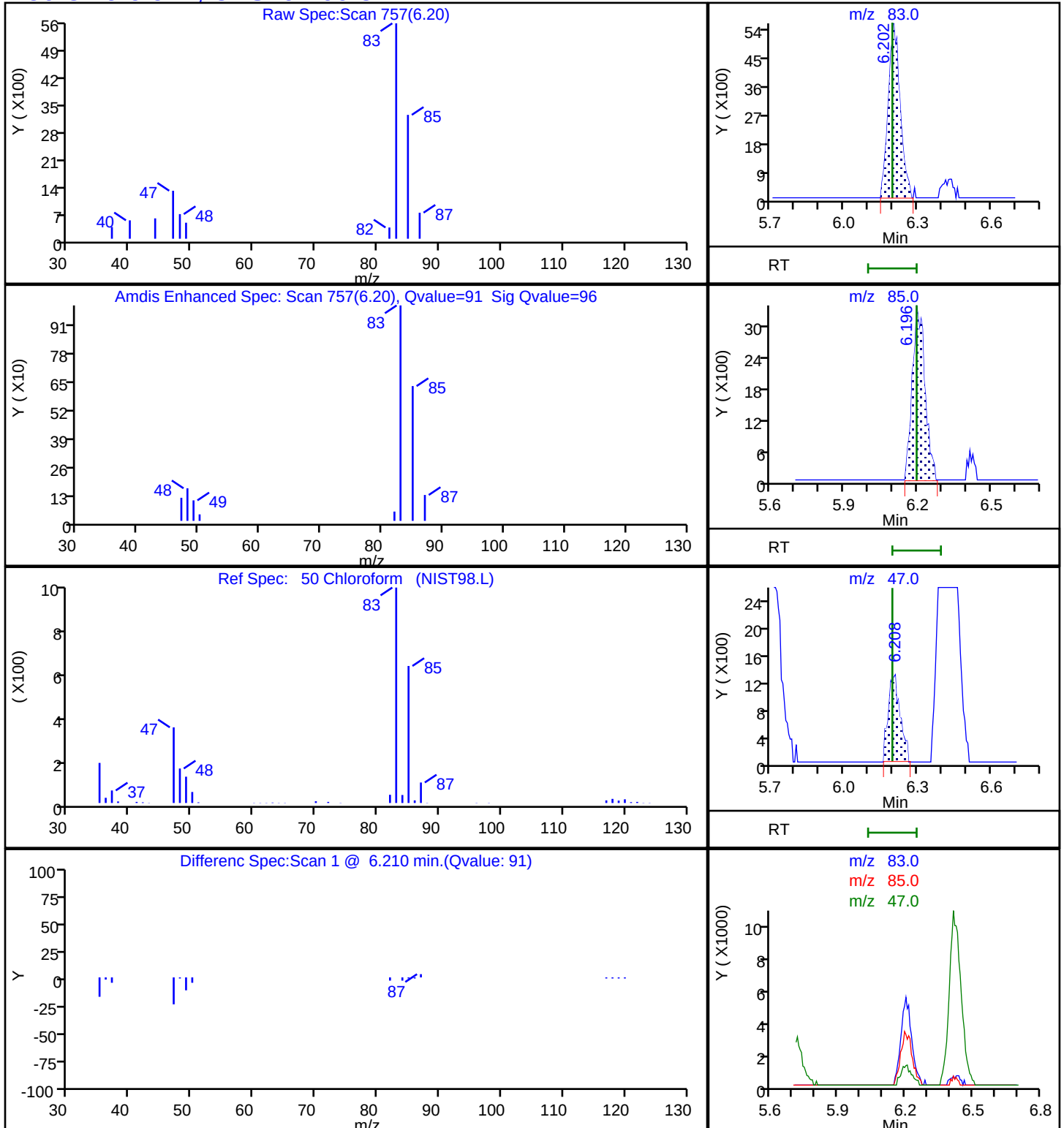
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

50 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X52.D

Injection Date: 31-Oct-2025 03:59:30

Instrument ID: 19094

Lims ID: 410-249042-A-7

Lab Sample ID: 410-249042-7

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

Operator ID: gaw91131

ALS Bottle#: 22

Worklist Smp#: 21

Purge Vol: 25.000 mL

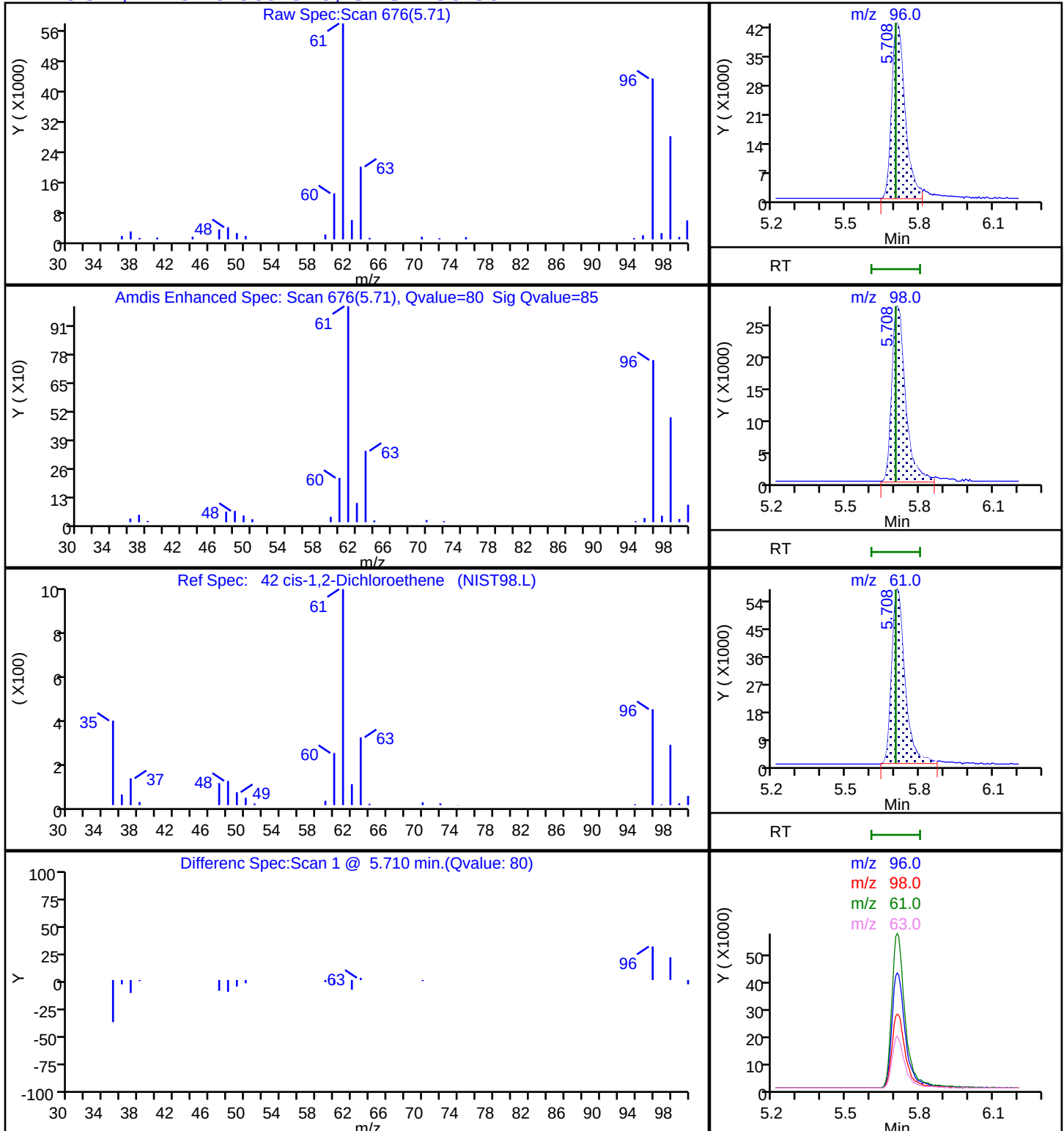
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X52.D

Injection Date: 31-Oct-2025 03:59:30

Instrument ID: 19094

Lims ID: 410-249042-A-7

Lab Sample ID: 410-249042-7

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

Operator ID: gaw91131

ALS Bottle#: 22

Worklist Smp#: 21

Purge Vol: 25.000 mL

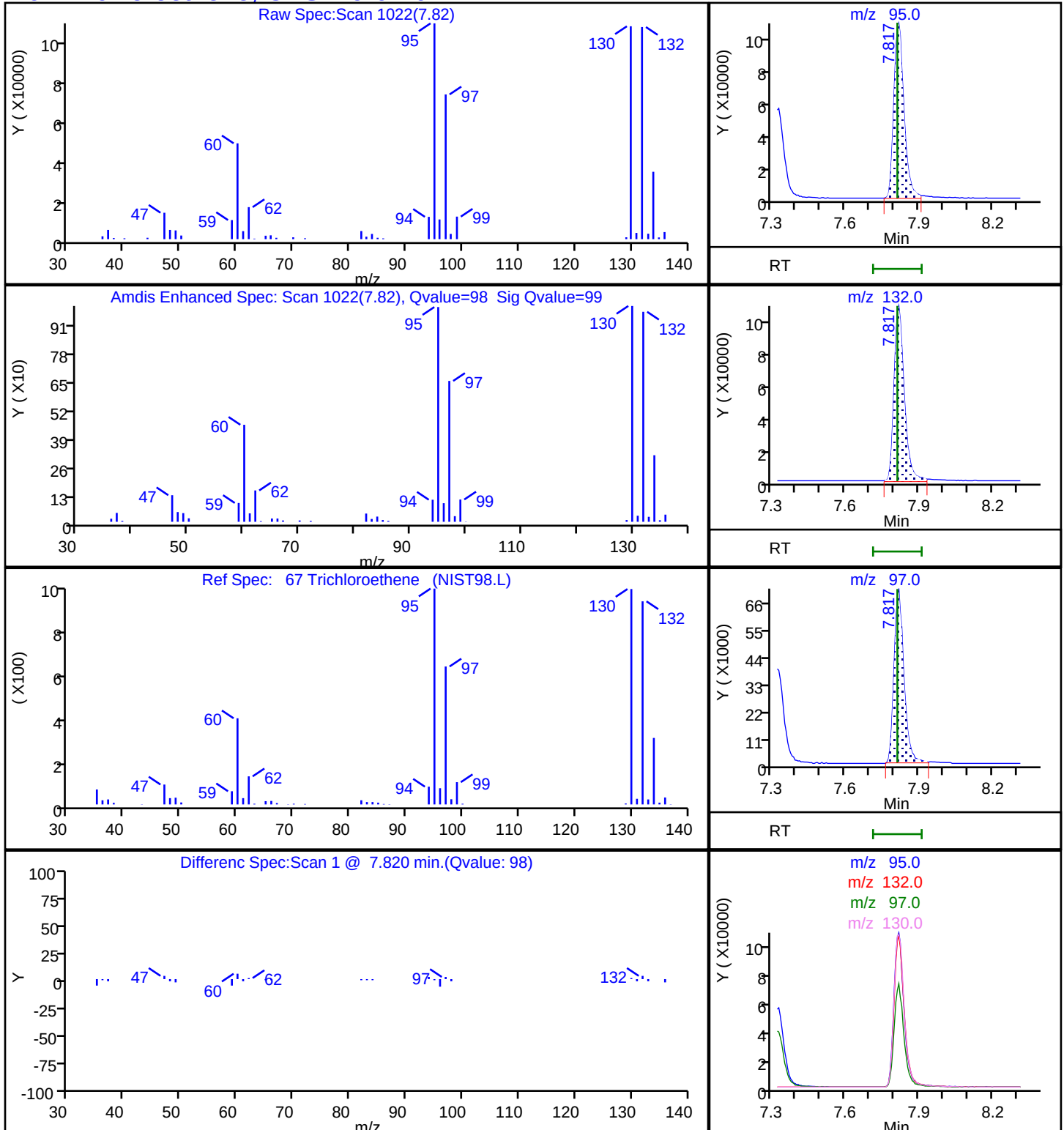
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

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.: 410-249042-1

SDG No. :

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

Lab Sample ID: 410-249042-7 DL

Matrix: Water

Lab File ID: HC30X53.D

Analysis Method: 8260D

Date Collected: 10/24/2025 09:35

Sample wt/vol: 25 (mL)

Date Analyzed: 10/31/2025 04:20

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.: 722416

Units: ug/L

Preparation Batch No.:

Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	170		5.0	2.0

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)	101		80-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X53.D
 Lims ID: 410-249042-B-7 DL
 Client ID: HD-COD-SW-17-0/1-0
 Sample Type: Client
 Inject. Date: 31-Oct-2025 04:20:30 ALS Bottle#: 23 Worklist Smp#: 22
 Purge Vol: 25.000 mL Dil. Factor: 10.0000
 Sample Info: 410-0165098-022
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 31-Oct-2025 09:46:32 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: CTX1638

First Level Reviewer: N7YK

Date: 31-Oct-2025 09:43:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		2.007				ND	
7 Vinyl chloride	62		2.111				ND	
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.459				ND	
17 1,1-Dichloroethene	96	3.233	3.227	0.006	96	4288	0.0938	
19 Acetone	43		3.257				ND	
23 Carbon disulfide	76		3.513				ND	7
27 Methylene Chloride	84		3.818				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.818	3.824	-0.006	31	71582	50.0	
31 Methyl tert-butyl ether	73		4.184				ND	
33 trans-1,2-Dichloroethene	96		4.202				ND	
35 1,1-Dichloroethane	63	4.854	4.854	0.000	94	19514	0.2077	
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.720	5.702	0.018	79	14368	0.2689	
47 Chlorobromomethane	128		6.037				ND	
50 Chloroform	83		6.196				ND	7
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.415	-0.006	93	436991	10.1	
52 1,1,1-Trichloroethane	97	6.427	6.427	0.000	96	108164	1.25	
56 Carbon tetrachloride	117		6.641				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.866	6.872	-0.006	45	79582	10.0	
59 Benzene	78		6.903				ND	7
60 1,2-Dichloroethane	62		6.976				ND	
* 64 Fluorobenzene (IS)	96	7.317	7.323	-0.006	99	1884848	10.0	
67 Trichloroethene	95	7.823	7.811	0.012	98	27272	0.4747	
70 1,2-Dichloropropane	63		8.146				ND	
76 Dichlorobromomethane	83		8.500				ND	
80 cis-1,3-Dichloropropene	75		9.073				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.256				ND	
\$ 82 Toluene-d8 (Surr)	98	9.396	9.402	-0.006	94	1925358	9.68	
84 Toluene	92		9.482				ND	7
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.975				ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.061	10.067	-0.006	96	1176516	17.5	
109 2-Hexanone	43		10.195				ND	
111 Chlorodibromomethane	129		10.366				ND	
112 Ethylene Dibromide	107		10.481				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.926	10.926	0.000	87	1410660	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		11.164				ND	7
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.499				ND	
121 Styrene	104		11.512				ND	
122 Bromoform	173		11.670				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	689426	9.64	
127 1,1,2,2-Tetrachloroethane	83		12.054				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	762692	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

Report Date: 31-Oct-2025 09:47:15

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X53.D

Injection Date: 31-Oct-2025 04:20:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: 410-249042-B-7 DL

Lab Sample ID: 410-249042-7

Worklist Smp#: 22

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

Purge Vol: 25.000 mL

Dil. Factor: 10.0000

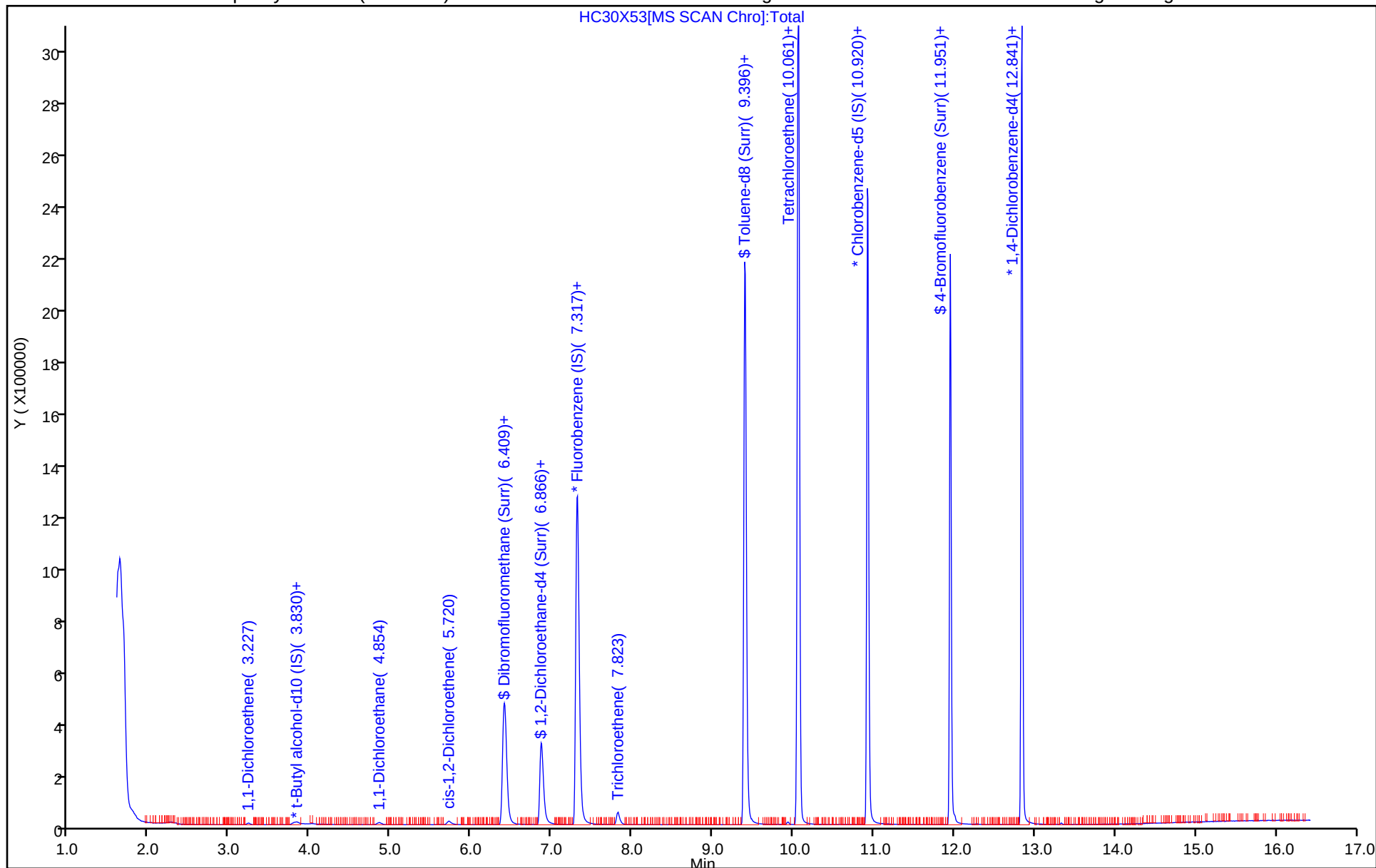
ALS Bottle#: 23

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\20251030-165098.b\HC30X53.D
Lims ID: 410-249042-B-7 DL
Client ID: HD-COD-SW-17-0/1-0
Sample Type: Client
Inject. Date: 31-Oct-2025 04:20:30 ALS Bottle#: 23 Worklist Smp#: 22
Purge Vol: 25.000 mL Dil. Factor: 10.0000
Sample Info: 410-0165098-022
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 31-Oct-2025 09:46:32 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: CTX1638

First Level Reviewer: N7YK

Date: 31-Oct-2025 09:43:09

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	10.1	101.28
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.0	99.99
\$ 82 Toluene-d8 (Surr)	10.0	9.68	96.78
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.64	96.36

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X53.D

Injection Date: 31-Oct-2025 04:20:30

Instrument ID: 19094

Lims ID: 410-249042-B-7 DL

Lab Sample ID: 410-249042-7

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

Operator ID: gaw91131

ALS Bottle#: 23

Worklist Smp#: 22

Purge Vol: 25.000 mL

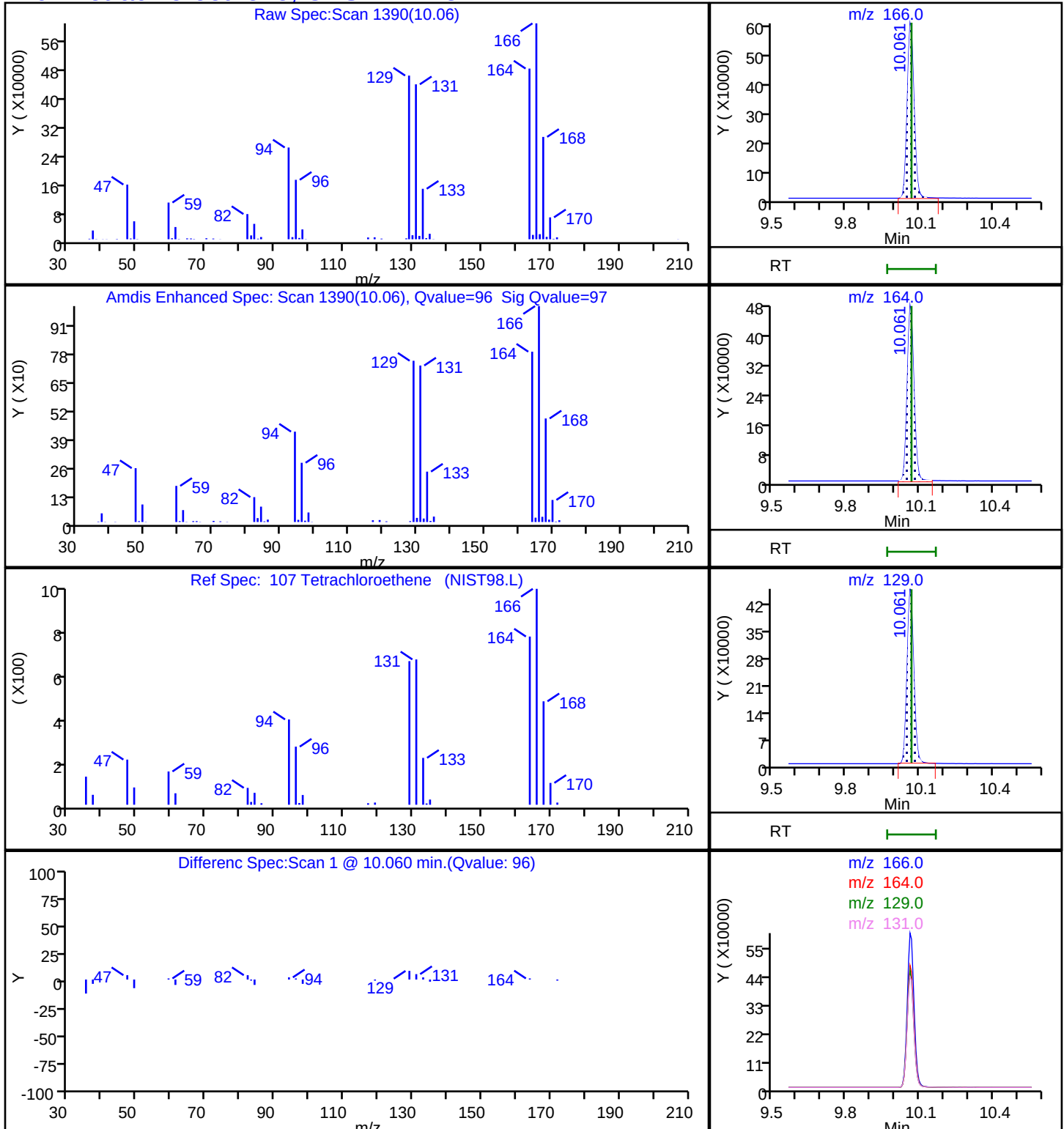
Dil. Factor: 10.0000

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-249042-1

SDG No.:

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

Lab Sample ID: 410-249042-8

Matrix: Water

Lab File ID: HC30X48.D

Analysis Method: 8260D

Date Collected: 10/24/2025 10:07

Sample wt/vol: 25 (mL)

Date Analyzed: 10/31/2025 02:36

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.: 722416

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	2.6	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	0.19	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	0.22	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	0.25	J	0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-26-0/1-0 Lab Sample ID: 410-249042-8

Matrix: Water Lab File ID: HC30X48.D

Analysis Method: 8260D Date Collected: 10/24/2025 10:07

Sample wt/vol: 25 (mL) Date Analyzed: 10/31/2025 02:36

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.: 722416 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)	101		80-120
460-00-4	4-Bromofluorobenzene (Surr)	98		80-120
1868-53-7	Dibromofluoromethane (Surr)	100		80-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X48.D
 Lims ID: 410-249042-A-8
 Client ID: HD-COD-SW-26-0/1-0
 Sample Type: Client
 Inject. Date: 31-Oct-2025 02:36:30 ALS Bottle#: 18 Worklist Smp#: 17
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0165098-017
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 31-Oct-2025 14:30:40 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 14:29:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	2.001	2.007	-0.006	97	8359	0.0958	
7 Vinyl chloride	62		2.111				ND	7
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.459				ND	
17 1,1-Dichloroethene	96		3.227				ND	
19 Acetone	43	3.343	3.257	0.086	86	14582	2.62	
23 Carbon disulfide	76	3.507	3.513	-0.006	98	4931	0.0369	M
27 Methylene Chloride	84		3.818				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.830	3.824	0.006	30	76938	50.0	
31 Methyl tert-butyl ether	73		4.184				ND	
33 trans-1,2-Dichloroethene	96		4.202				ND	
35 1,1-Dichloroethane	63		4.854				ND	
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.732	5.702	0.030	78	11891	0.2165	
47 Chlorobromomethane	128		6.037				ND	
50 Chloroform	83	6.208	6.196	0.012	93	17708	0.1880	
\$ 51 Dibromofluoromethane (Surr)	113	6.415	6.415	0.000	93	441847	9.96	
52 1,1,1-Trichloroethane	97		6.427				ND	
56 Carbon tetrachloride	117		6.641				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	45	82714	10.1	
59 Benzene	78		6.903				ND	7
60 1,2-Dichloroethane	62		6.976				ND	
* 64 Fluorobenzene (IS)	96	7.317	7.323	-0.006	99	1937394	10.0	
67 Trichloroethene	95	7.829	7.811	0.018	97	13007	0.2202	
70 1,2-Dichloropropane	63		8.146				ND	
76 Dichlorobromomethane	83		8.500				ND	
80 cis-1,3-Dichloropropene	75		9.073				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.256				ND	7
\$ 82 Toluene-d8 (Surr)	98	9.402	9.402	0.000	94	1954649	9.71	
84 Toluene	92	9.488	9.482	0.006	55	8287	0.0551	
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.975				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.067	10.067	0.000	95	16784	0.2468	
109 2-Hexanone	43		10.195				ND	7
111 Chlorodibromomethane	129		10.366				ND	
112 Ethylene Dibromide	107		10.481				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.926	10.926	0.000	87	1426887	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		11.164				ND	7
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.499				ND	7
121 Styrene	104		11.512				ND	7
122 Bromoform	173		11.670				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	706480	9.76	
127 1,1,2,2-Tetrachloroethane	83		12.054				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	95	770166	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 31-Oct-2025 14:30:41

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X48.D

Injection Date: 31-Oct-2025 02:36:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: 410-249042-A-8

Lab Sample ID: 410-249042-8

Worklist Smp#: 17

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

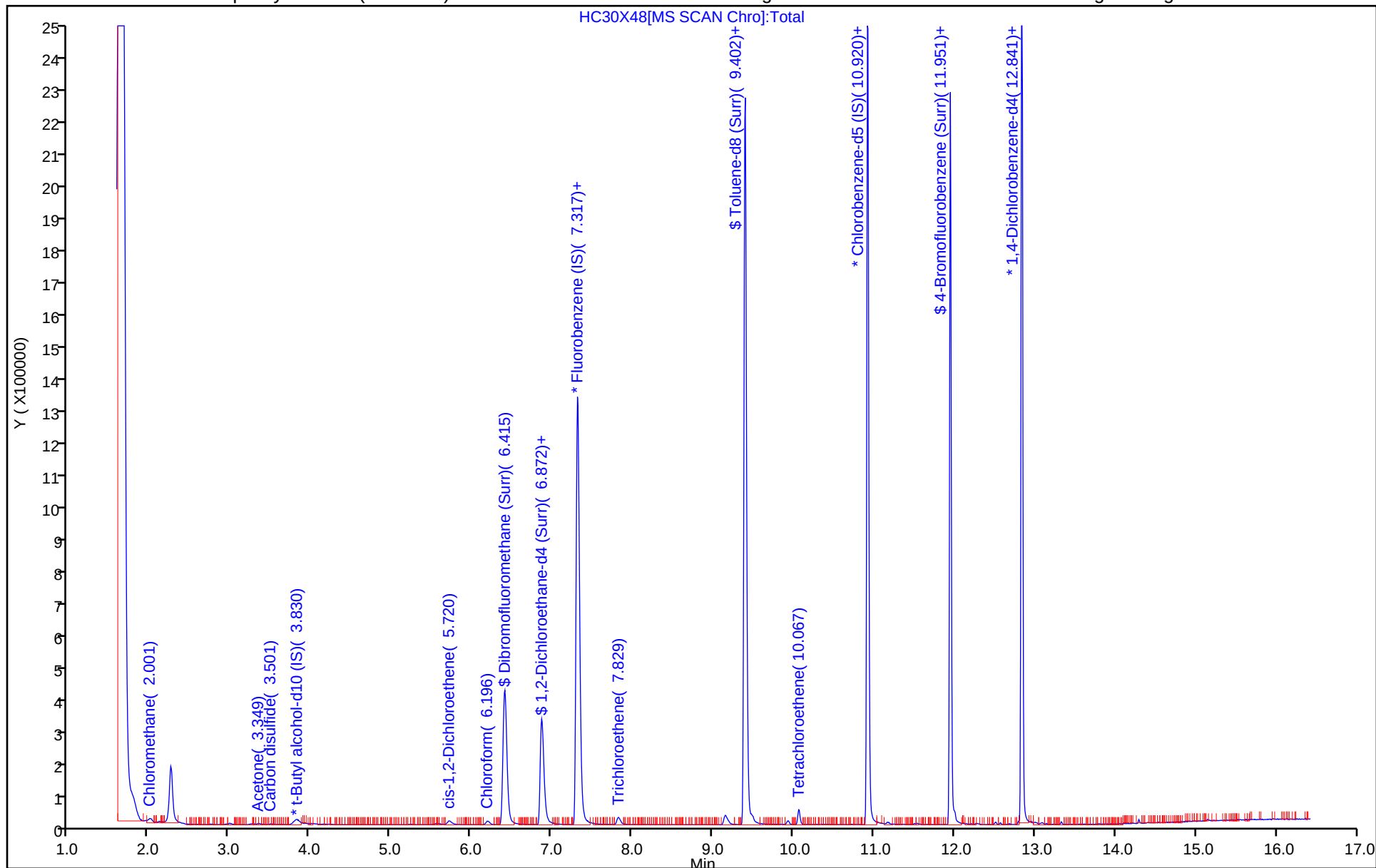
ALS Bottle#: 18

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
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X48.D
Lims ID: 410-249042-A-8
Client ID: HD-COD-SW-26-0/1-0
Sample Type: Client
Inject. Date: 31-Oct-2025 02:36:30 ALS Bottle#: 18 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0165098-017
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 31-Oct-2025 14:30:40 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 14:29:49

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	9.96	99.63
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.1	101.10
\$ 82 Toluene-d8 (Surr)	10.0	9.71	97.13
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.76	97.63

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X48.D

Injection Date: 31-Oct-2025 02:36:30

Instrument ID: 19094

Lims ID: 410-249042-A-8

Lab Sample ID: 410-249042-8

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

Operator ID: gaw91131

ALS Bottle#: 18

Worklist Smp#: 17

Purge Vol: 25.000 mL

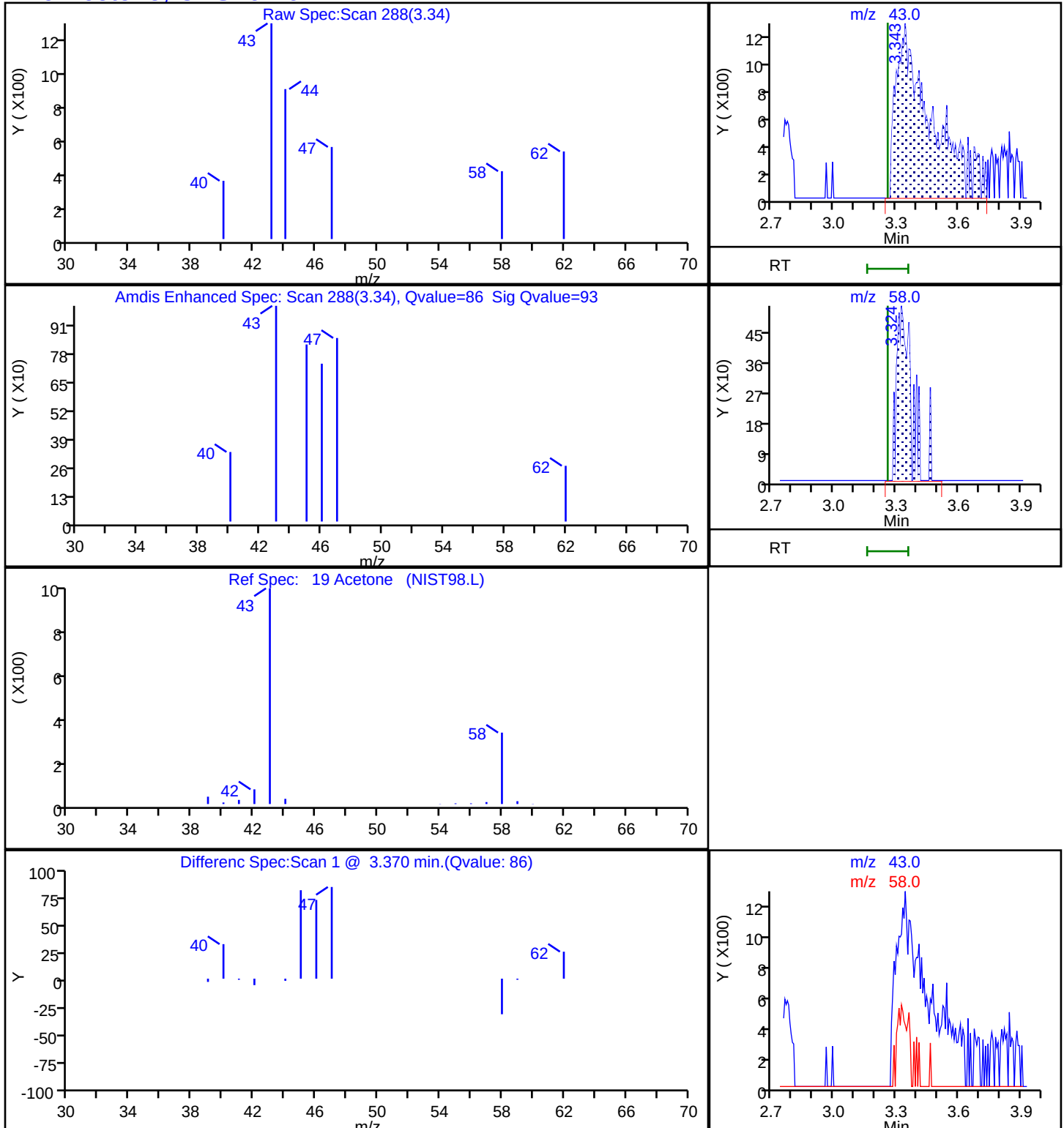
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

19 Acetone, CAS: 67-64-1

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X48.D

Injection Date: 31-Oct-2025 02:36:30

Instrument ID: 19094

Lims ID: 410-249042-A-8

Lab Sample ID: 410-249042-8

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

Operator ID: gaw91131

ALS Bottle#: 18

Worklist Smp#: 17

Purge Vol: 25.000 mL

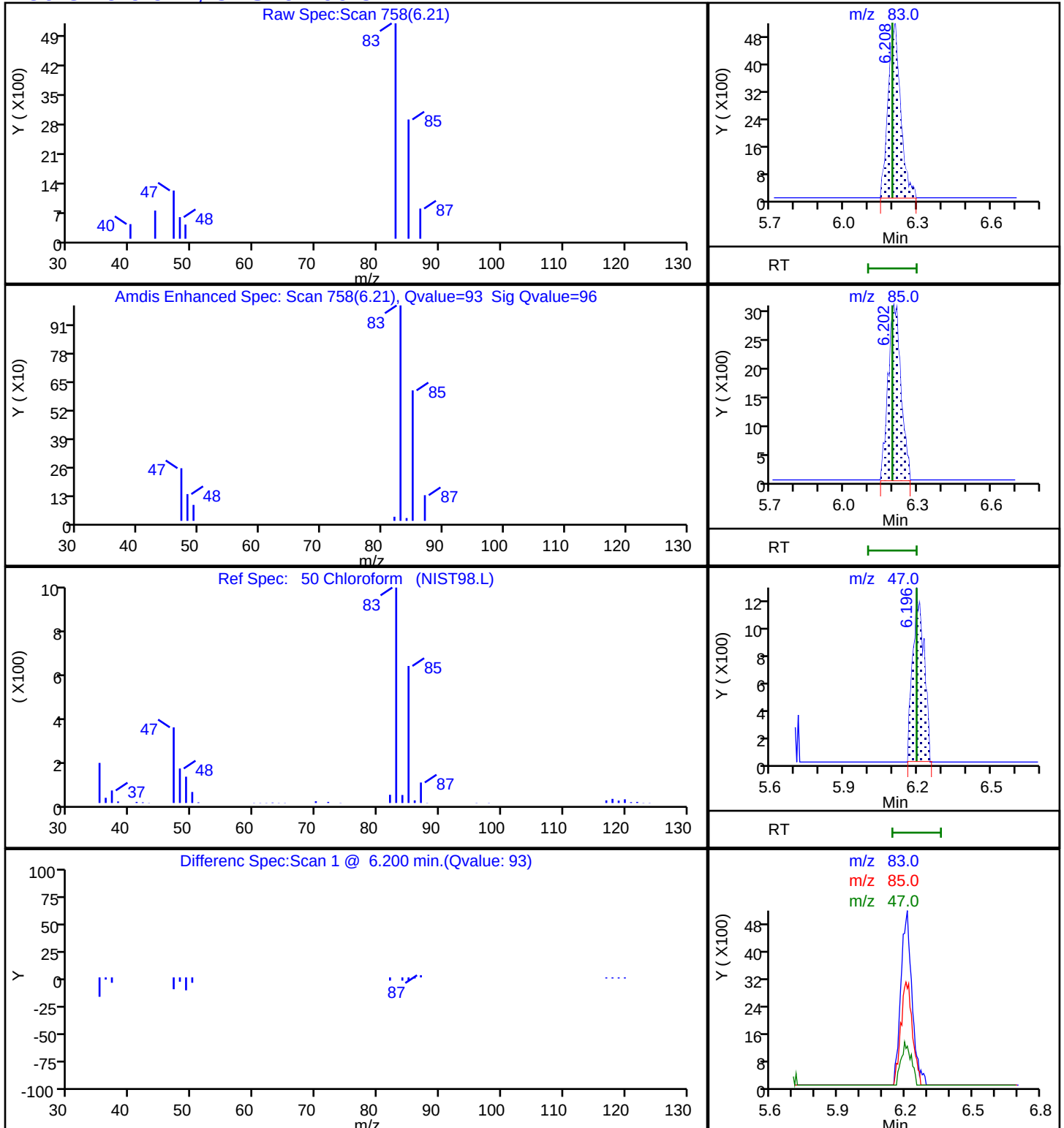
Dil. Factor: 1.0000

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\20251030-165098.b\HC30X48.D

Injection Date: 31-Oct-2025 02:36:30

Instrument ID: 19094

Lims ID: 410-249042-A-8

Lab Sample ID: 410-249042-8

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

Operator ID: gaw91131

ALS Bottle#: 18

Worklist Smp#: 17

Purge Vol: 25.000 mL

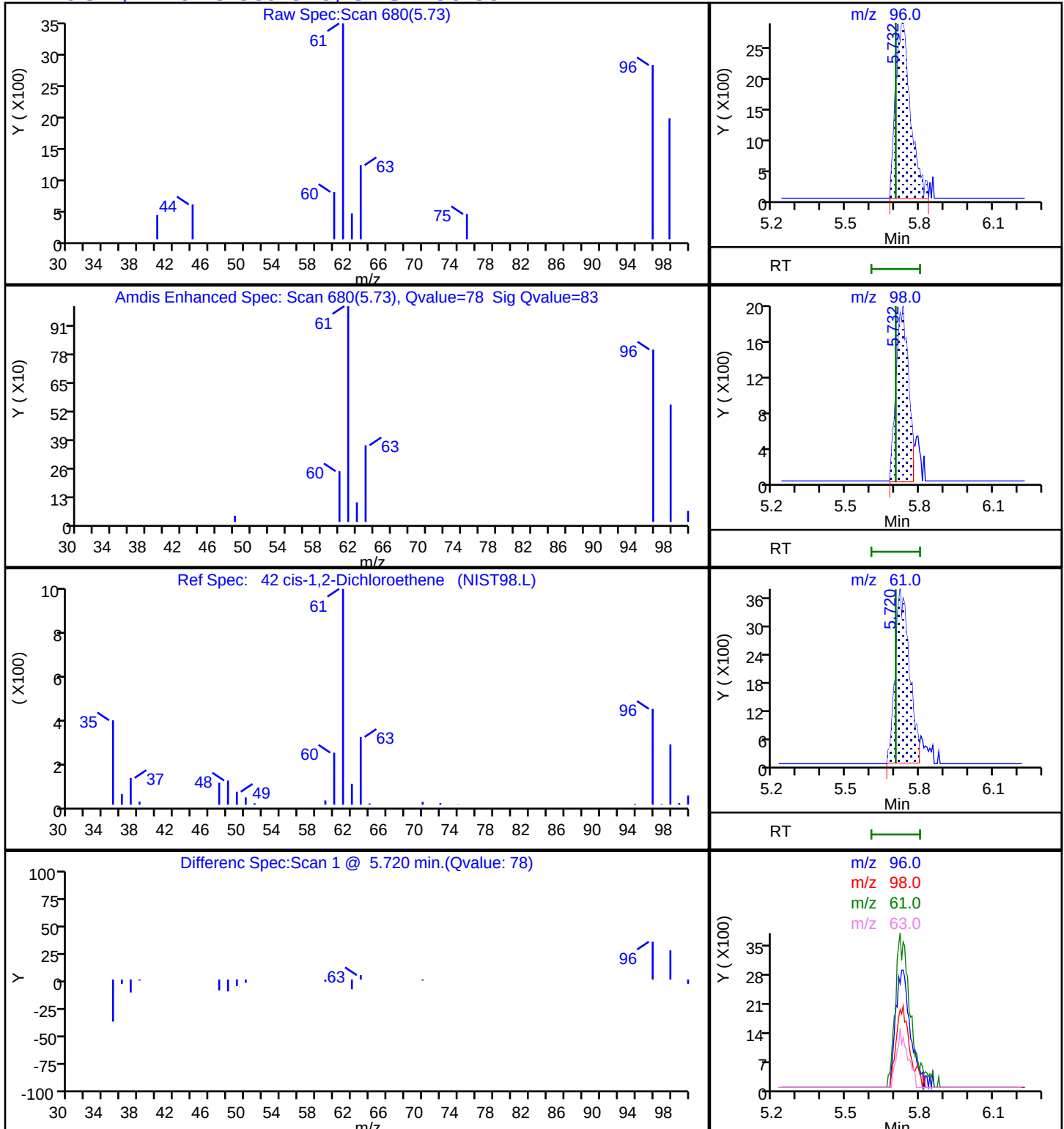
Dil. Factor: 1.0000

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\20251030-165098.b\HC30X48.D

Injection Date: 31-Oct-2025 02:36:30

Instrument ID: 19094

Lims ID: 410-249042-A-8

Lab Sample ID: 410-249042-8

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

Operator ID: gaw91131

ALS Bottle#: 18

Worklist Smp#: 17

Purge Vol: 25.000 mL

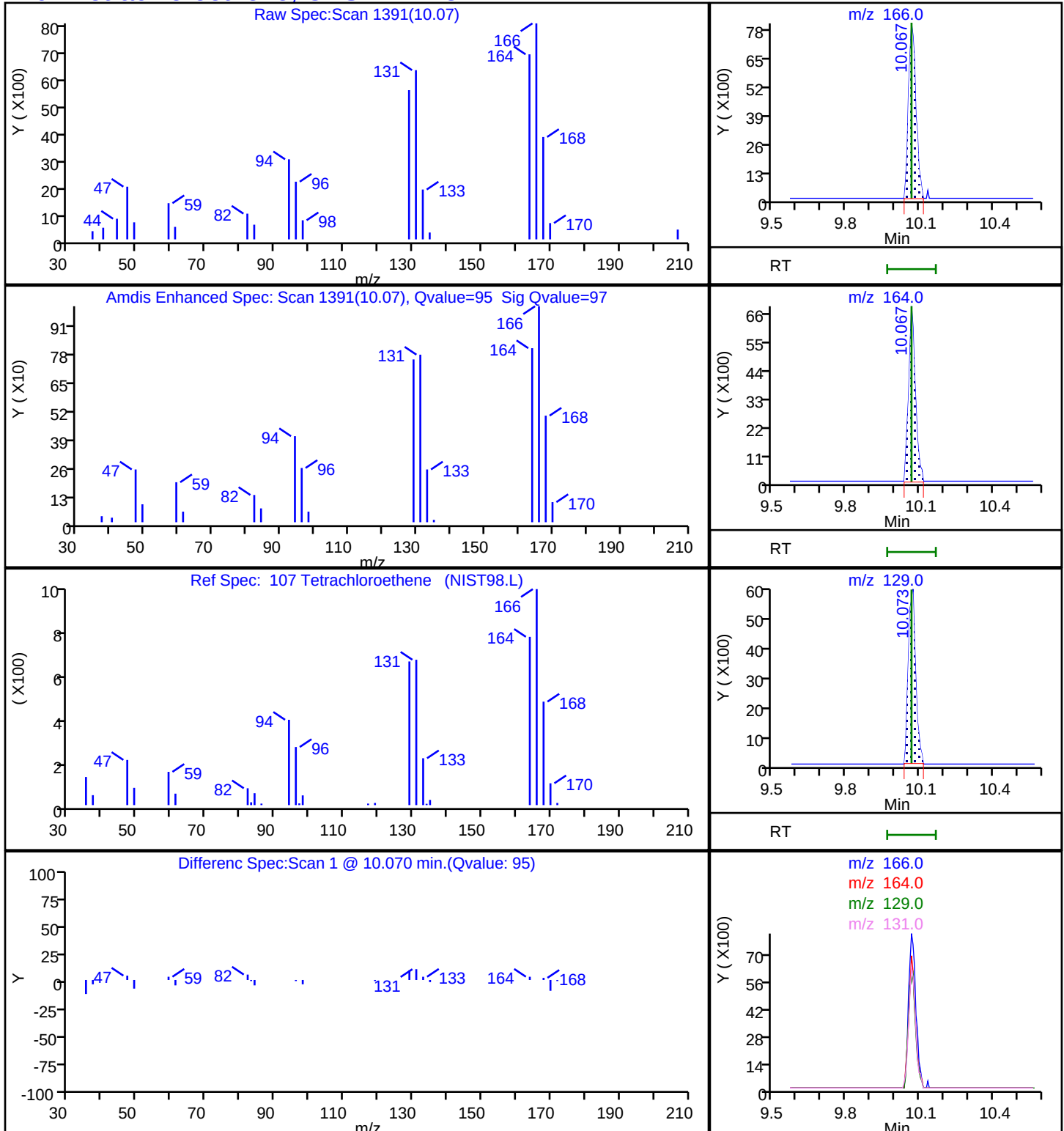
Dil. Factor: 1.0000

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\20251030-165098.b\HC30X48.D

Injection Date: 31-Oct-2025 02:36:30

Instrument ID: 19094

Lims ID: 410-249042-A-8

Lab Sample ID: 410-249042-8

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

Operator ID: gaw91131

ALS Bottle#: 18

Worklist Smp#: 17

Purge Vol: 25.000 mL

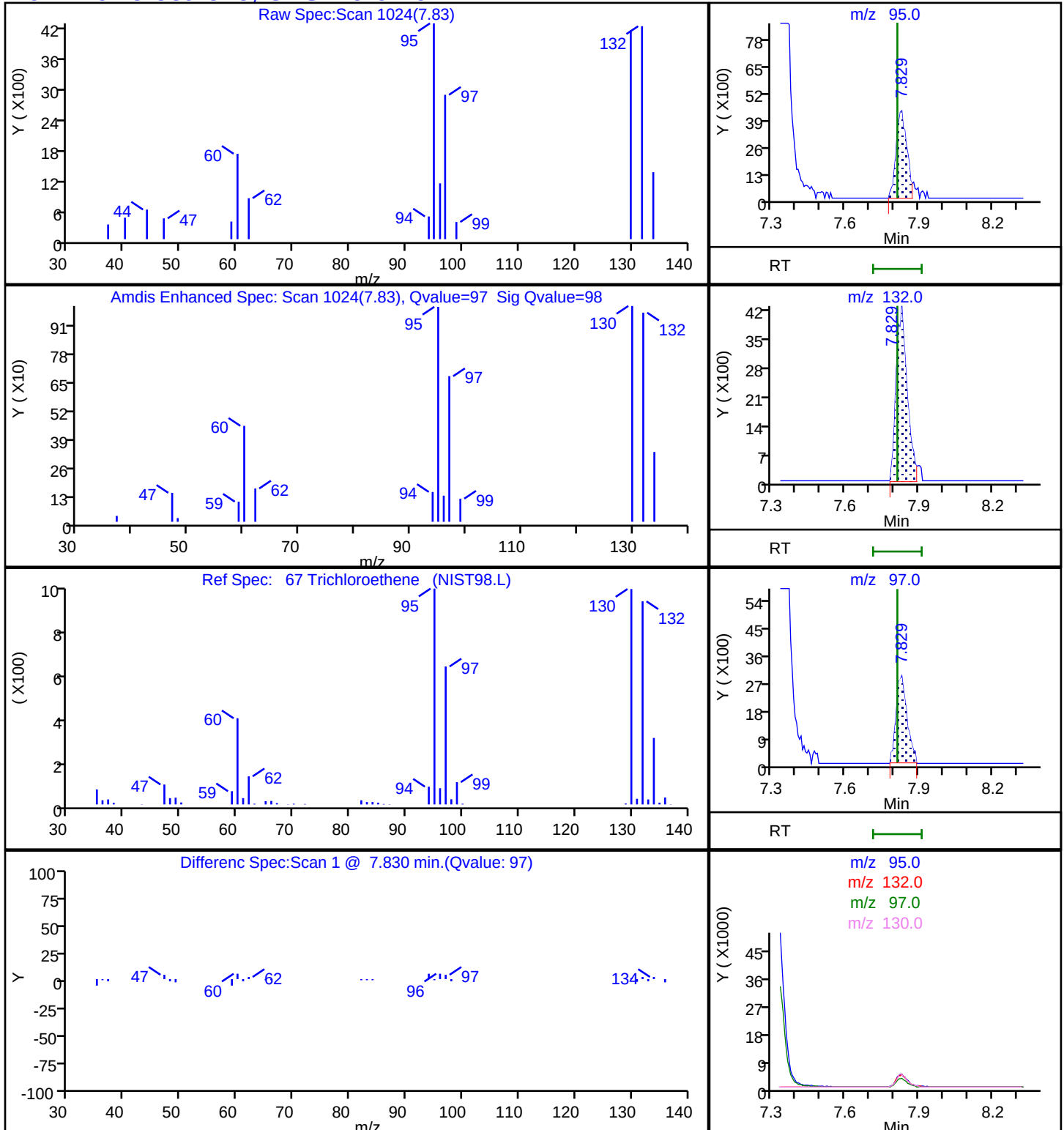
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

67 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

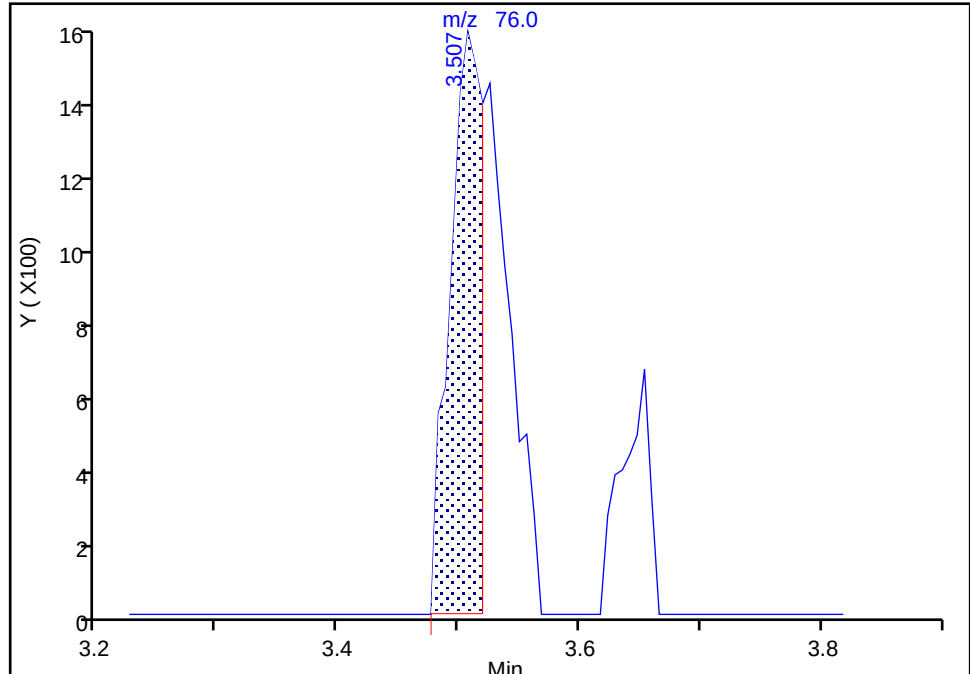
Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X48.D
Injection Date: 31-Oct-2025 02:36:30 Instrument ID: 19094
Lims ID: 410-249042-A-8 Lab Sample ID: 410-249042-8
Client ID: HD-COD-SW-26-0/1-0
Operator ID: gaw91131 ALS Bottle#: 18 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

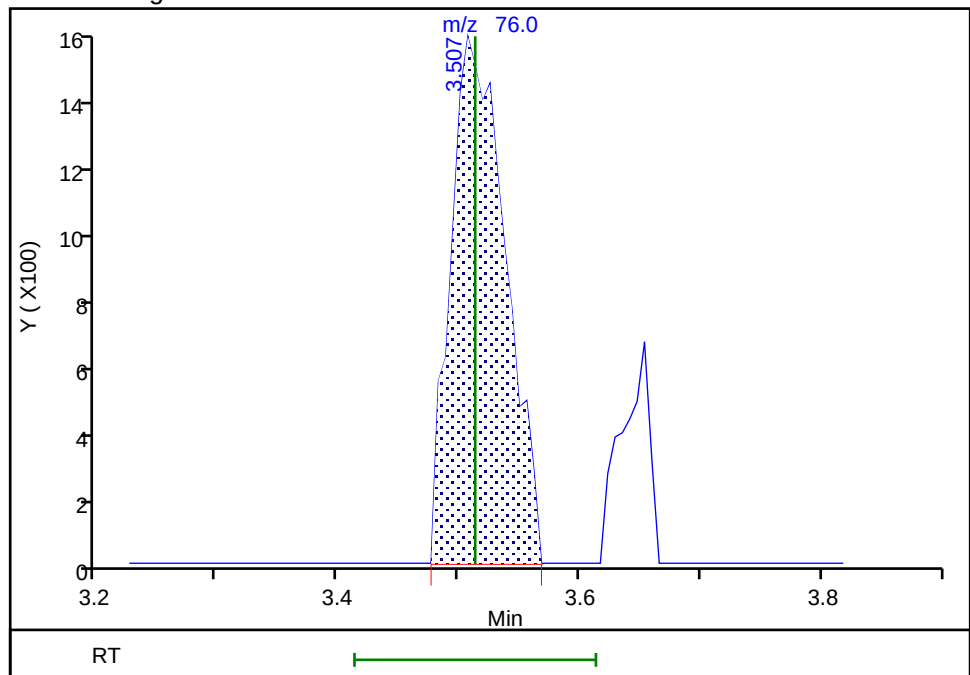
RT: 3.51
Area: 2917
Amount: 0.021821
Amount Units: ug/l

Processing Integration Results



RT: 3.51
Area: 4931
Amount: 0.036886
Amount Units: ug/l

Manual Integration Results



Reviewer: N9NA, 31-Oct-2025 14:30:36 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.: 410-249042-1

SDG No.:

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

Lab Sample ID: 410-249042-9

Matrix: Water

Lab File ID: HC30X49.D

Analysis Method: 8260D

Date Collected: 10/24/2025 10:42

Sample wt/vol: 25 (mL)

Date Analyzed: 10/31/2025 02:57

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.: 722416

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	2.2	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	0.19	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	0.25	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.: 410-249042-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-27-0/1-0 Lab Sample ID: 410-249042-9

Matrix: Water Lab File ID: HC30X49.D

Analysis Method: 8260D Date Collected: 10/24/2025 10:42

Sample wt/vol: 25 (mL) Date Analyzed: 10/31/2025 02:57

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.: 722416 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	0.23	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)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	101		80-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X49.D
 Lims ID: 410-249042-A-9
 Client ID: HD-COD-SW-27-0/1-0
 Sample Type: Client
 Inject. Date: 31-Oct-2025 02:57:30 ALS Bottle#: 19 Worklist Smp#: 18
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0165098-018
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 31-Oct-2025 14:29:16 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 14:30:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	2.001	2.007	-0.006	96	7176	0.0829	
7 Vinyl chloride	62		2.111				ND	7
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.459				ND	
17 1,1-Dichloroethene	96		3.227				ND	
19 Acetone	43	3.330	3.257	0.073	67	13258	2.16	
23 Carbon disulfide	76	3.501	3.513	-0.012	98	7095	0.0535	
27 Methylene Chloride	84		3.818				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.830	3.824	0.006	31	84854	50.0	
31 Methyl tert-butyl ether	73		4.184				ND	
33 trans-1,2-Dichloroethene	96		4.202				ND	
35 1,1-Dichloroethane	63		4.854				ND	
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.720	5.702	0.018	79	13477	0.2475	
47 Chlorobromomethane	128		6.037				ND	
50 Chloroform	83	6.202	6.196	0.006	95	18005	0.1928	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.415	-0.006	93	443639	10.1	
52 1,1,1-Trichloroethane	97		6.427				ND	
56 Carbon tetrachloride	117		6.641				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	76	81232	10.0	
59 Benzene	78	6.909	6.903	0.006	88	6330	0.0284	
60 1,2-Dichloroethane	62		6.976				ND	
* 64 Fluorobenzene (IS)	96	7.318	7.323	-0.005	99	1920843	10.0	
67 Trichloroethene	95	7.823	7.811	0.012	96	13594	0.2322	
70 1,2-Dichloropropane	63		8.146				ND	
76 Dichlorobromomethane	83		8.500				ND	7
80 cis-1,3-Dichloropropene	75		9.073				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.256				ND	7
\$ 82 Toluene-d8 (Surr)	98	9.396	9.402	-0.006	94	1948736	9.74	
84 Toluene	92	9.488	9.482	0.006	98	7677	0.0513	
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.975				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.073	10.067	0.006	95	7145	0.1057	
109 2-Hexanone	43		10.195				ND	
111 Chlorodibromomethane	129		10.366				ND	
112 Ethylene Dibromide	107		10.481				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.927	10.926	0.001	87	1418535	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		11.164				ND	7
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.499				ND	7
121 Styrene	104		11.512				ND	7
122 Bromoform	173		11.670				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	709531	9.86	
127 1,1,2,2-Tetrachloroethane	83		12.054				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	772436	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: 31-Oct-2025 14:30:18

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X49.D

Injection Date: 31-Oct-2025 02:57:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: 410-249042-A-9

Lab Sample ID: 410-249042-9

Worklist Smp#: 18

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

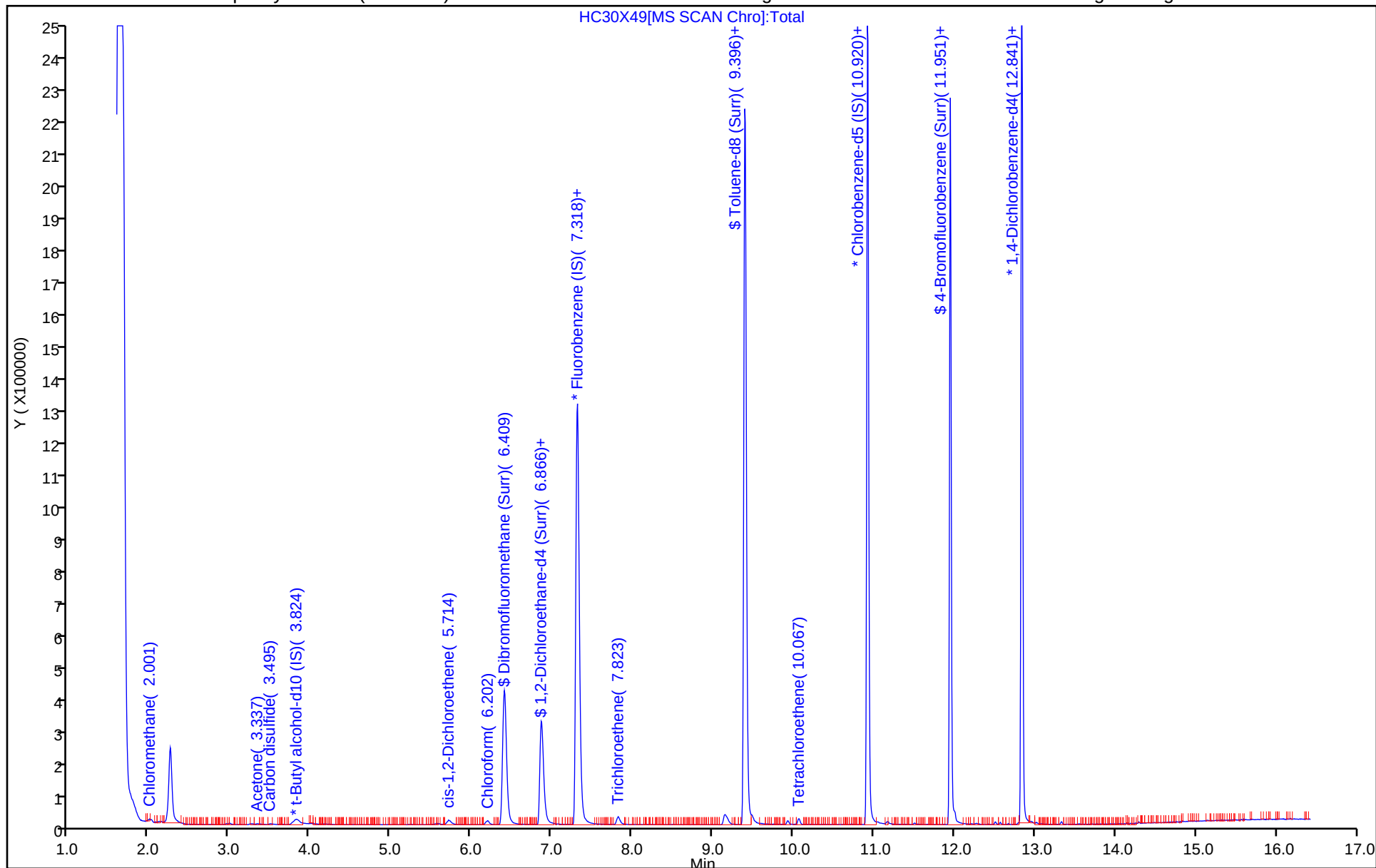
ALS Bottle#: 19

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
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X49.D
Lims ID: 410-249042-A-9
Client ID: HD-COD-SW-27-0/1-0
Sample Type: Client
Inject. Date: 31-Oct-2025 02:57:30 ALS Bottle#: 19 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0165098-018
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 31-Oct-2025 14:29:16 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 14:30:17

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	10.1	100.90
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.0	100.15
\$ 82 Toluene-d8 (Surr)	10.0	9.74	97.41
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.86	98.62

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X49.D

Injection Date: 31-Oct-2025 02:57:30

Instrument ID: 19094

Lims ID: 410-249042-A-9

Lab Sample ID: 410-249042-9

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

Operator ID: gaw91131

ALS Bottle#: 19

Worklist Smp#: 18

Purge Vol: 25.000 mL

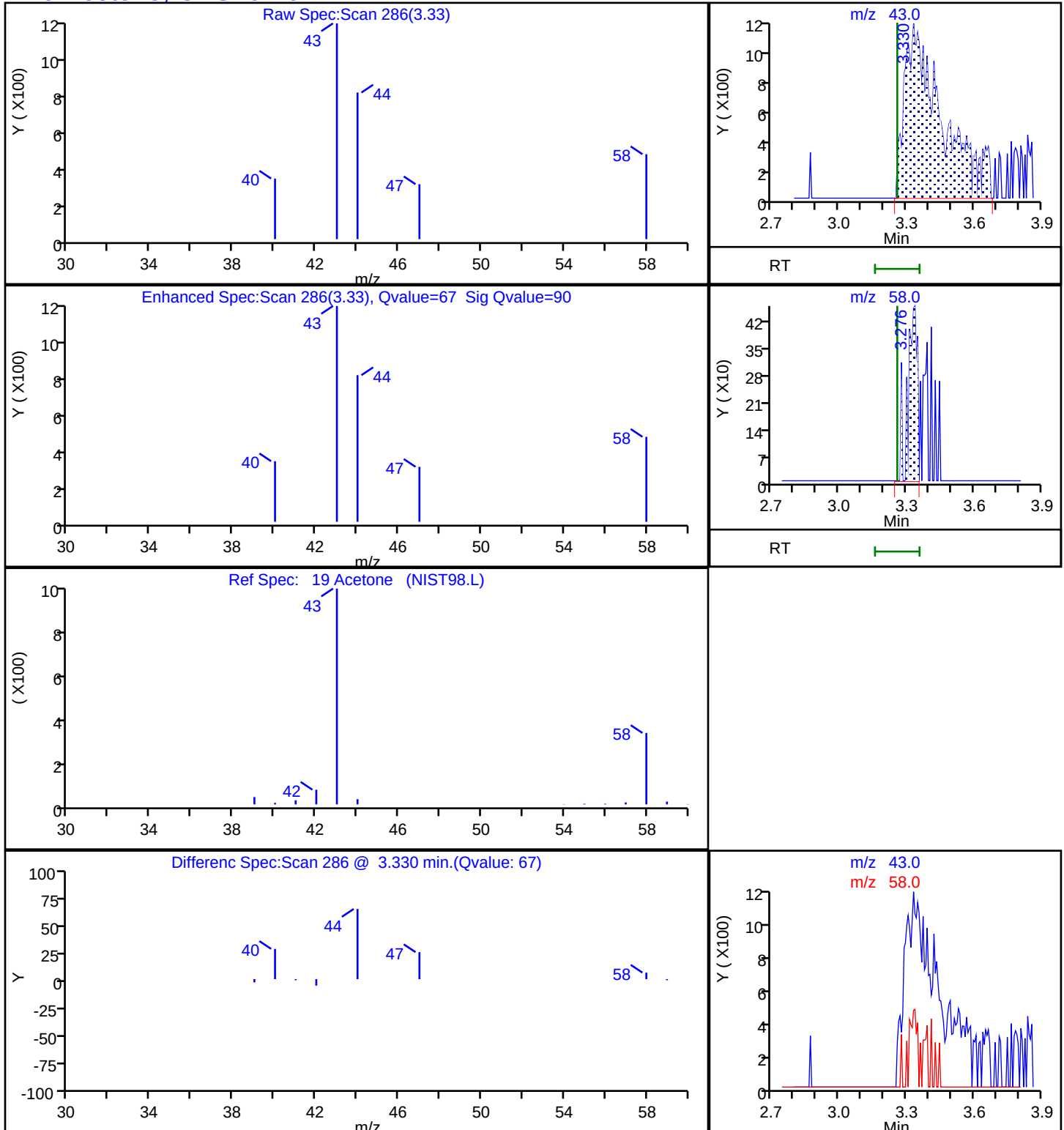
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

19 Acetone, CAS: 67-64-1

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X49.D

Injection Date: 31-Oct-2025 02:57:30

Instrument ID: 19094

Lims ID: 410-249042-A-9

Lab Sample ID: 410-249042-9

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

Operator ID: gaw91131

ALS Bottle#: 19

Worklist Smp#: 18

Purge Vol: 25.000 mL

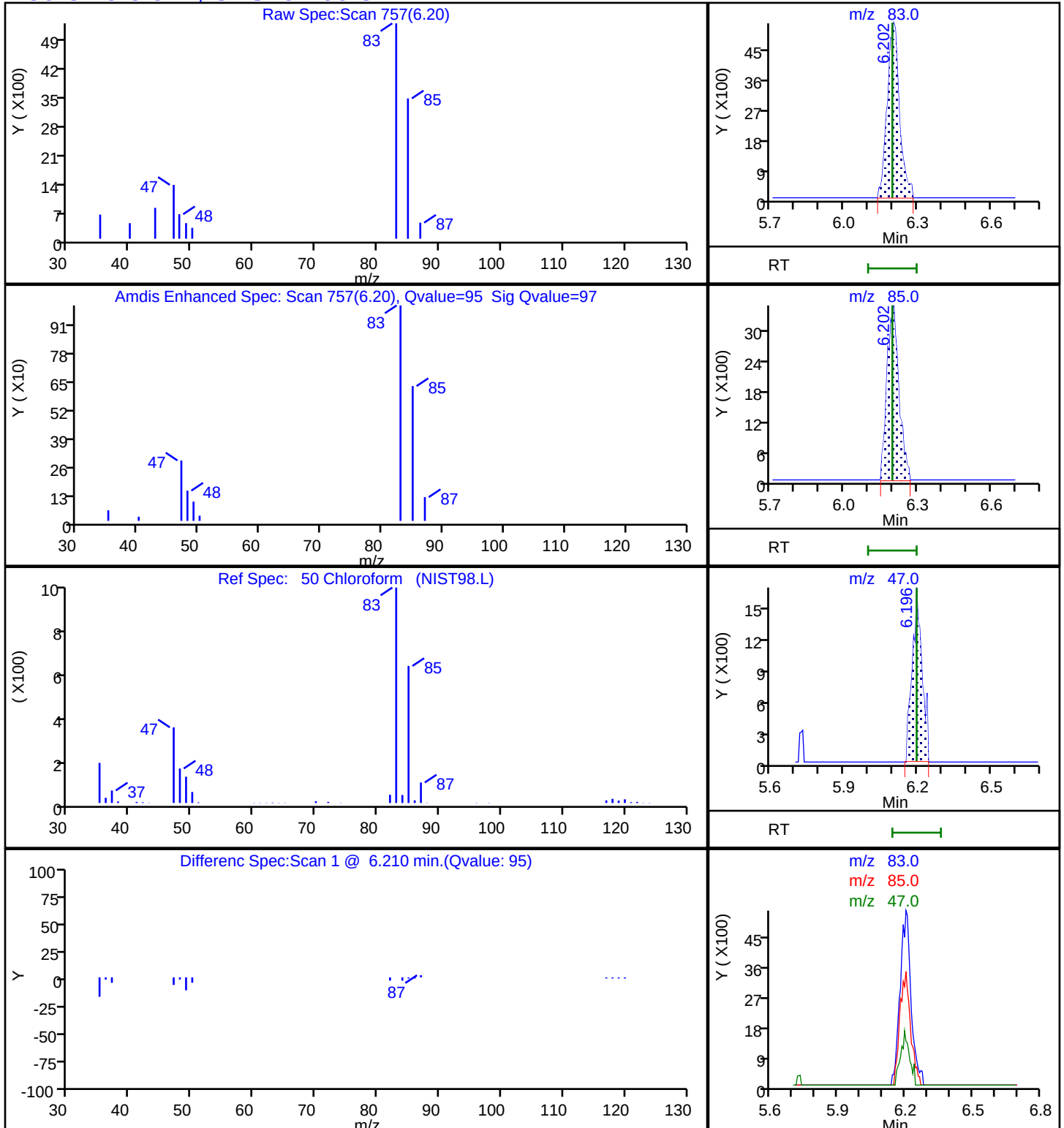
Dil. Factor: 1.0000

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\20251030-165098.b\HC30X49.D

Injection Date: 31-Oct-2025 02:57:30

Instrument ID: 19094

Lims ID: 410-249042-A-9

Lab Sample ID: 410-249042-9

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

Operator ID: gaw91131

ALS Bottle#: 19

Worklist Smp#: 18

Purge Vol: 25.000 mL

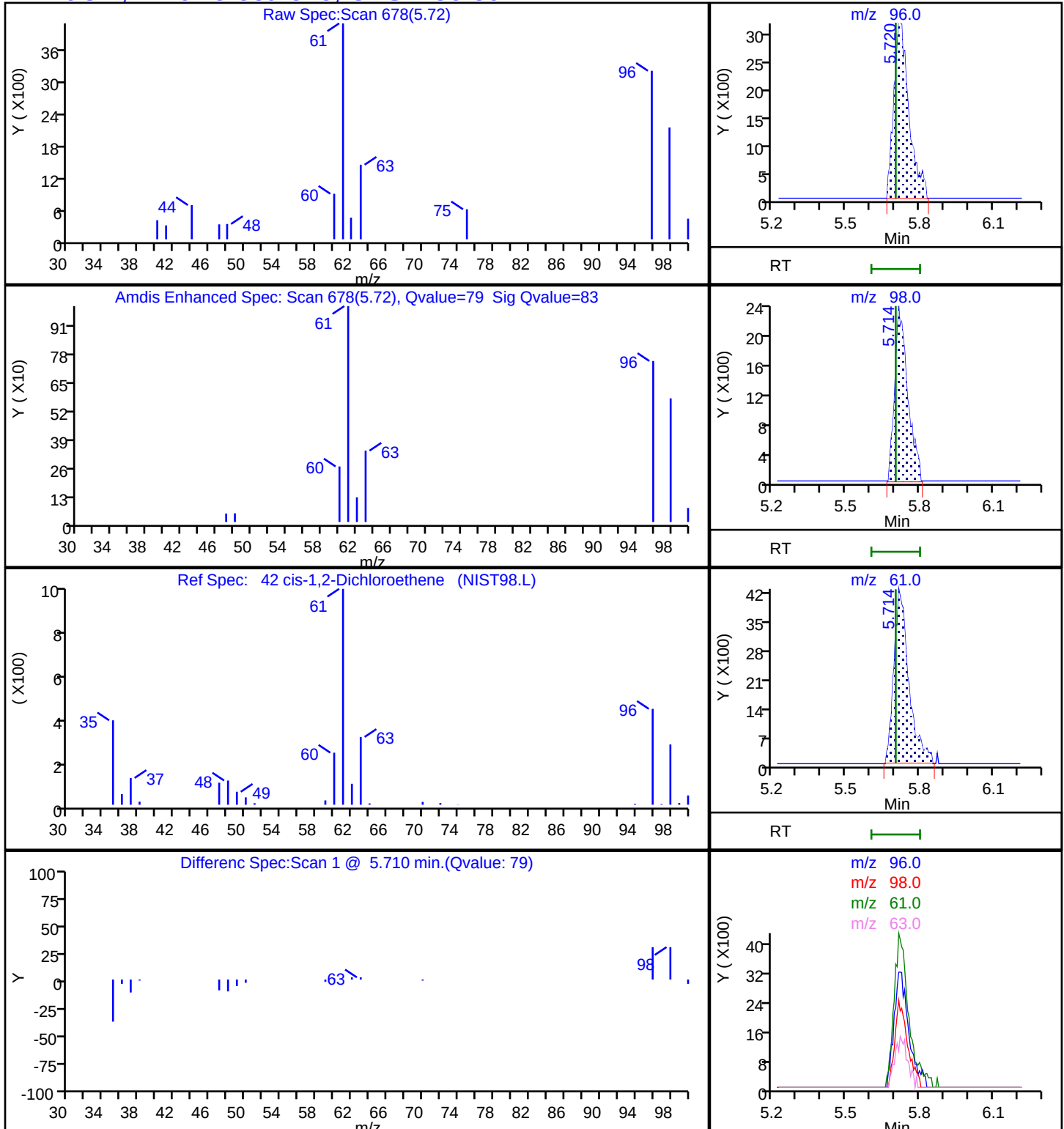
Dil. Factor: 1.0000

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X49.D

Injection Date: 31-Oct-2025 02:57:30

Instrument ID: 19094

Lims ID: 410-249042-A-9

Lab Sample ID: 410-249042-9

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

Operator ID: gaw91131

ALS Bottle#: 19

Worklist Smp#: 18

Purge Vol: 25.000 mL

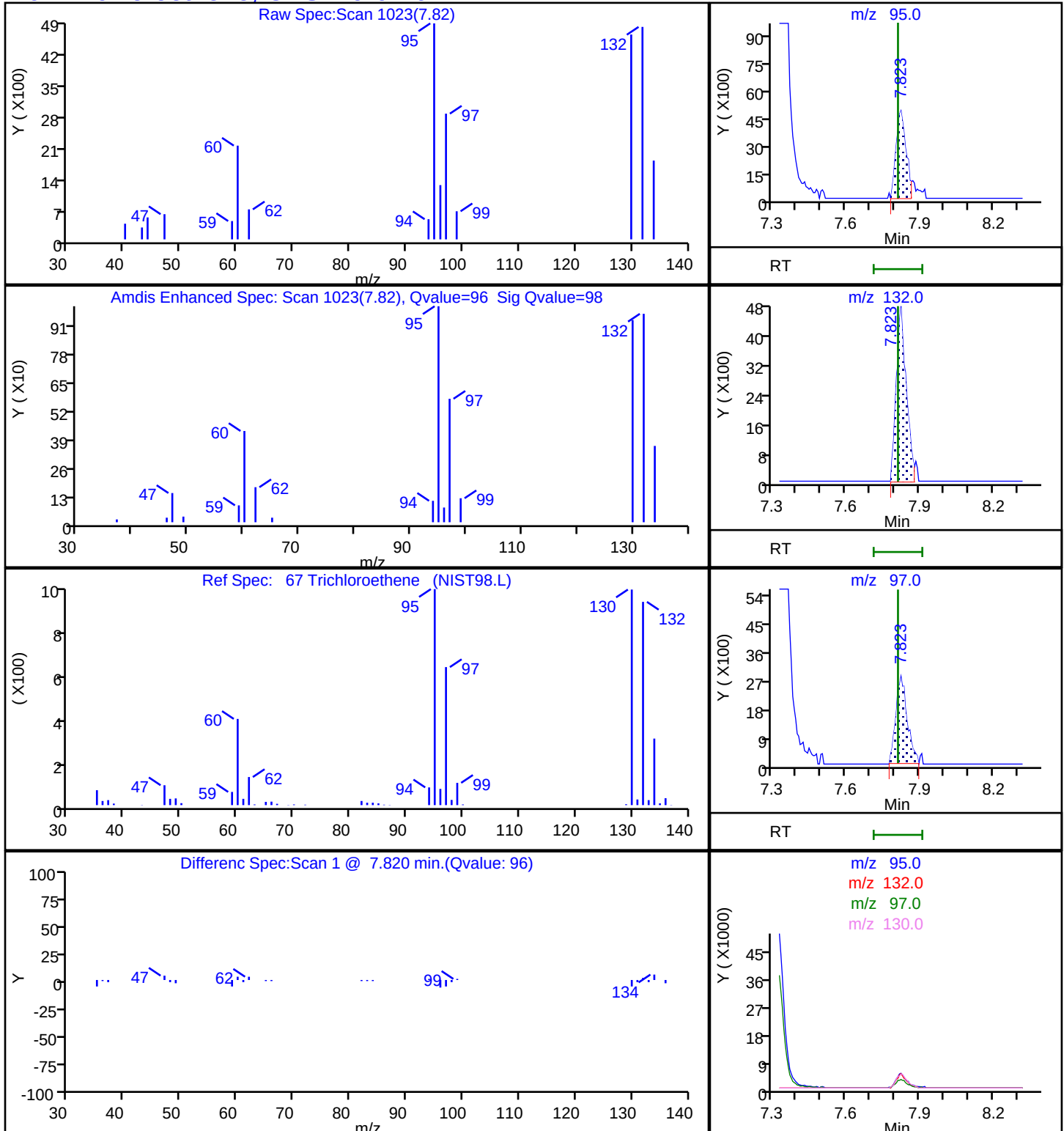
Dil. Factor: 1.0000

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-249042-1

SDG No.:

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

Lab Sample ID: 410-249042-10

Matrix: Water

Lab File ID: HC30X50.D

Analysis Method: 8260D

Date Collected: 10/24/2025 12:05

Sample wt/vol: 25 (mL)

Date Analyzed: 10/31/2025 03:18

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.: 722416

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	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	0.12	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	0.30	J	0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-28-0/1-0 Lab Sample ID: 410-249042-10

Matrix: Water Lab File ID: HC30X50.D

Analysis Method: 8260D Date Collected: 10/24/2025 12:05

Sample wt/vol: 25 (mL) Date Analyzed: 10/31/2025 03:18

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.: 722416 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	0.19	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)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	101		80-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X50.D
 Lims ID: 410-249042-A-10
 Client ID: HD-COD-SW-28-0/1-0
 Sample Type: Client
 Inject. Date: 31-Oct-2025 03:18:30 ALS Bottle#: 20 Worklist Smp#: 19
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0165098-019
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 31-Oct-2025 09:46:32 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: CTX1638

First Level Reviewer: N7YK

Date: 31-Oct-2025 09:40:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	1.995	2.007	-0.012	91	4047	0.0463	
7 Vinyl chloride	62		2.111				ND	7
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.459				ND	
17 1,1-Dichloroethene	96		3.227				ND	
19 Acetone	43	3.324	3.257	0.067	67	10901	1.86	
23 Carbon disulfide	76	3.507	3.513	-0.006	94	4920	0.0367	
27 Methylene Chloride	84		3.818				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.830	3.824	0.006	31	80974	50.0	
31 Methyl tert-butyl ether	73		4.184				ND	
33 trans-1,2-Dichloroethene	96		4.202				ND	
35 1,1-Dichloroethane	63		4.854				ND	
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.708	5.702	0.006	77	10292	0.1871	
47 Chlorobromomethane	128		6.037				ND	
50 Chloroform	83	6.196	6.196	0.000	91	11356	0.1204	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.415	-0.006	93	447251	10.1	
52 1,1,1-Trichloroethane	97		6.427				ND	7
56 Carbon tetrachloride	117		6.641				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	45	82555	10.1	
59 Benzene	78		6.903				ND	7
60 1,2-Dichloroethane	62		6.976				ND	
* 64 Fluorobenzene (IS)	96	7.317	7.323	-0.006	99	1940811	10.0	
67 Trichloroethene	95	7.823	7.811	0.012	96	11116	0.1879	
70 1,2-Dichloropropane	63		8.146				ND	
76 Dichlorobromomethane	83		8.500				ND	7
80 cis-1,3-Dichloropropene	75		9.073				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.256				ND	7
\$ 82 Toluene-d8 (Surr)	98	9.396	9.402	-0.006	94	1972231	9.74	
84 Toluene	92	9.481	9.482	-0.001	98	9343	0.0617	
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.975				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.067	10.067	0.000	96	20553	0.3004	
109 2-Hexanone	43		10.195				ND	
111 Chlorodibromomethane	129		10.366				ND	
112 Ethylene Dibromide	107		10.481				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.926	-0.006	87	1435661	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	11.170	11.164	0.006	98	4811	0.0418	
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.499				ND	7
121 Styrene	104		11.512				ND	7
122 Bromoform	173		11.670				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	704828	9.68	
127 1,1,2,2-Tetrachloroethane	83		12.054				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	777597	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: 31-Oct-2025 09:47:08

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X50.D

Injection Date: 31-Oct-2025 03:18:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: 410-249042-A-10

Lab Sample ID: 410-249042-10

Worklist Smp#: 19

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

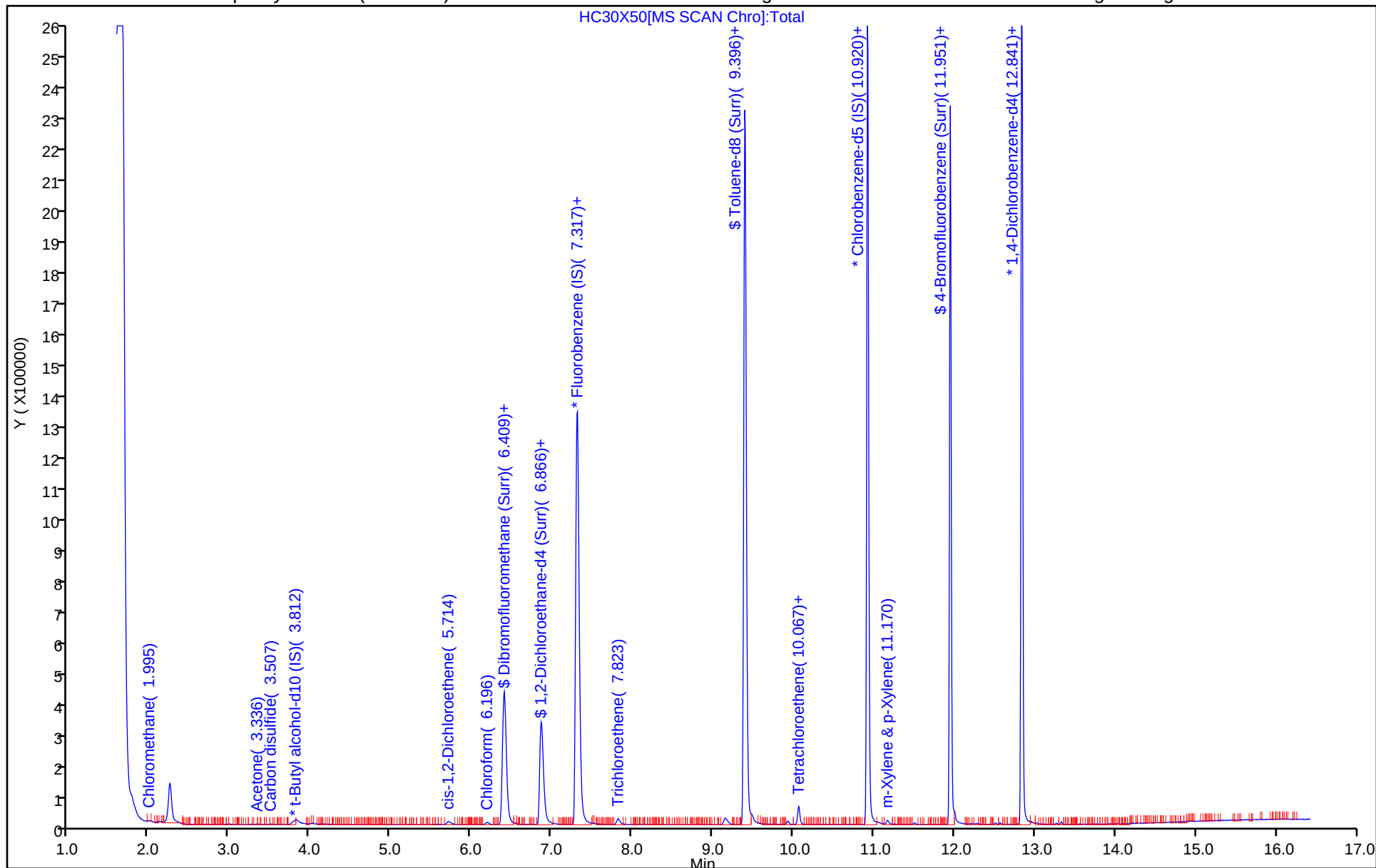
ALS Bottle#: 20

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
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X50.D
Lims ID: 410-249042-A-10
Client ID: HD-COD-SW-28-0/1-0
Sample Type: Client
Inject. Date: 31-Oct-2025 03:18:30 ALS Bottle#: 20 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0165098-019
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 31-Oct-2025 09:46:32 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: CTX1638

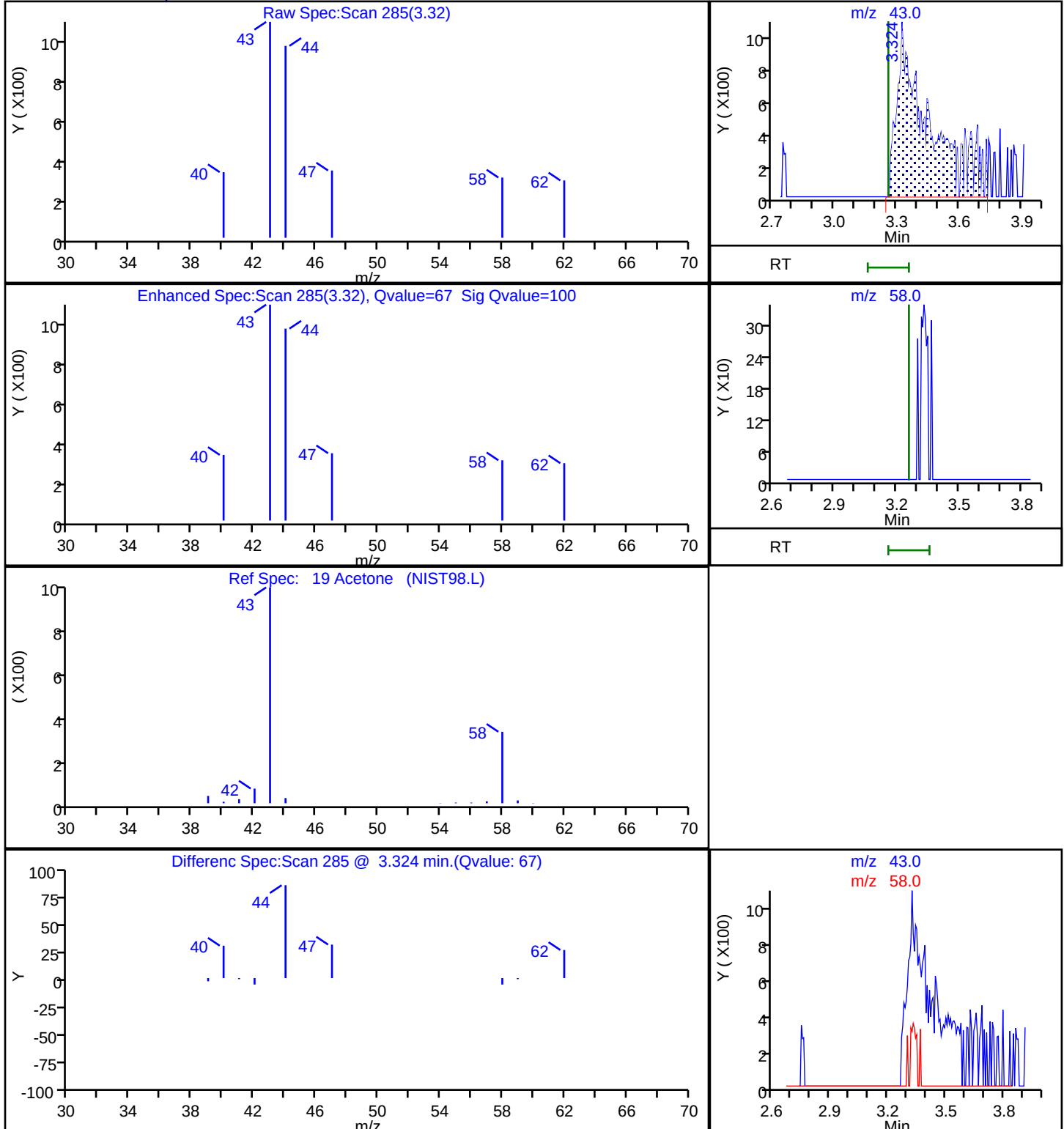
First Level Reviewer: N7YK

Date: 31-Oct-2025 09:40:37

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	10.1	100.67
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.1	100.73
\$ 82 Toluene-d8 (Surr)	10.0	9.74	97.41
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.68	96.80

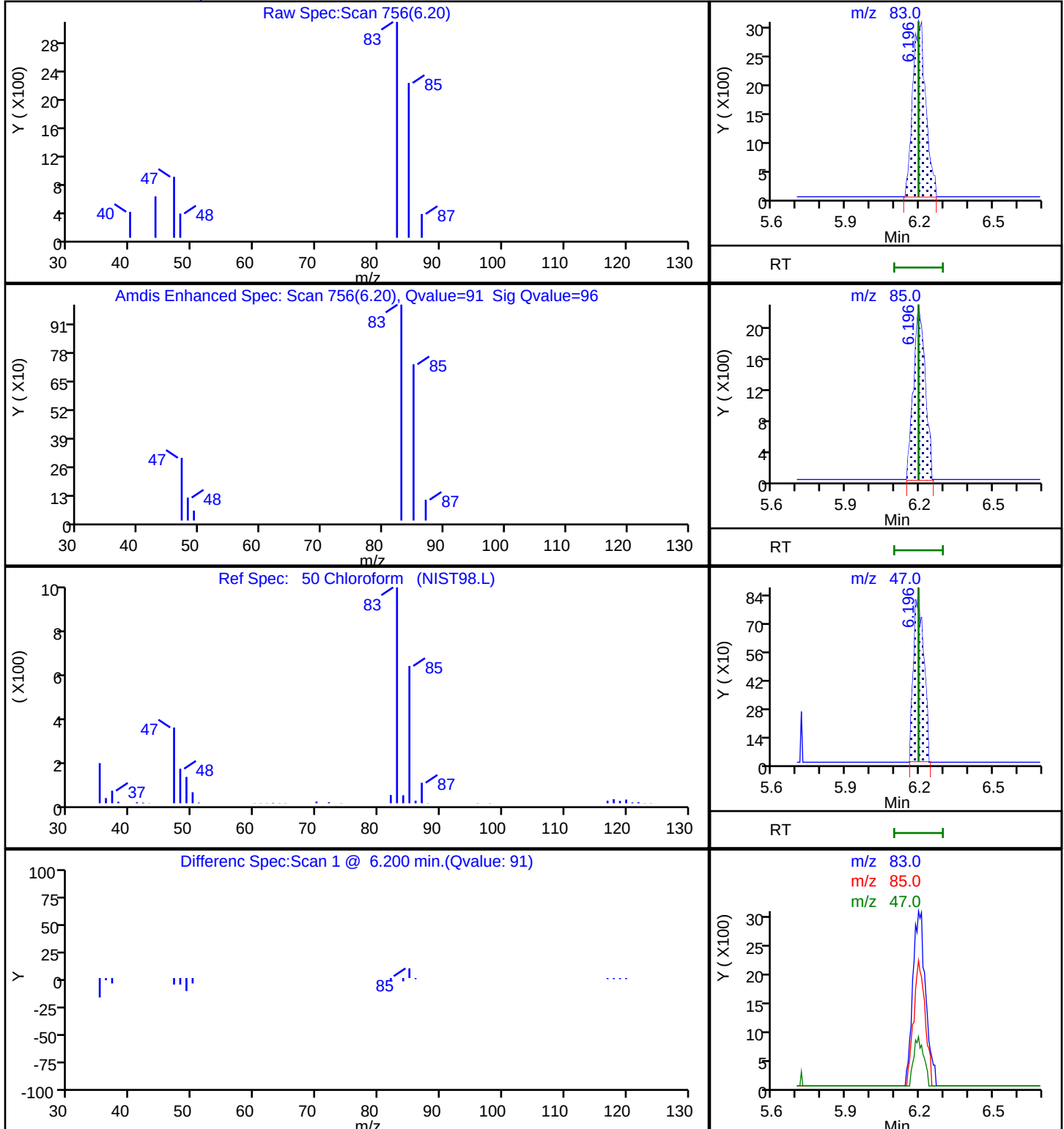
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X50.D
Injection Date: 31-Oct-2025 03:18:30 Instrument ID: 19094
Lims ID: 410-249042-A-10 Lab Sample ID: 410-249042-10
Client ID: HD-COD-SW-28-0/1-0
Operator ID: gaw91131 ALS Bottle#: 20 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) MS Quad

19 Acetone, CAS: 67-64-1

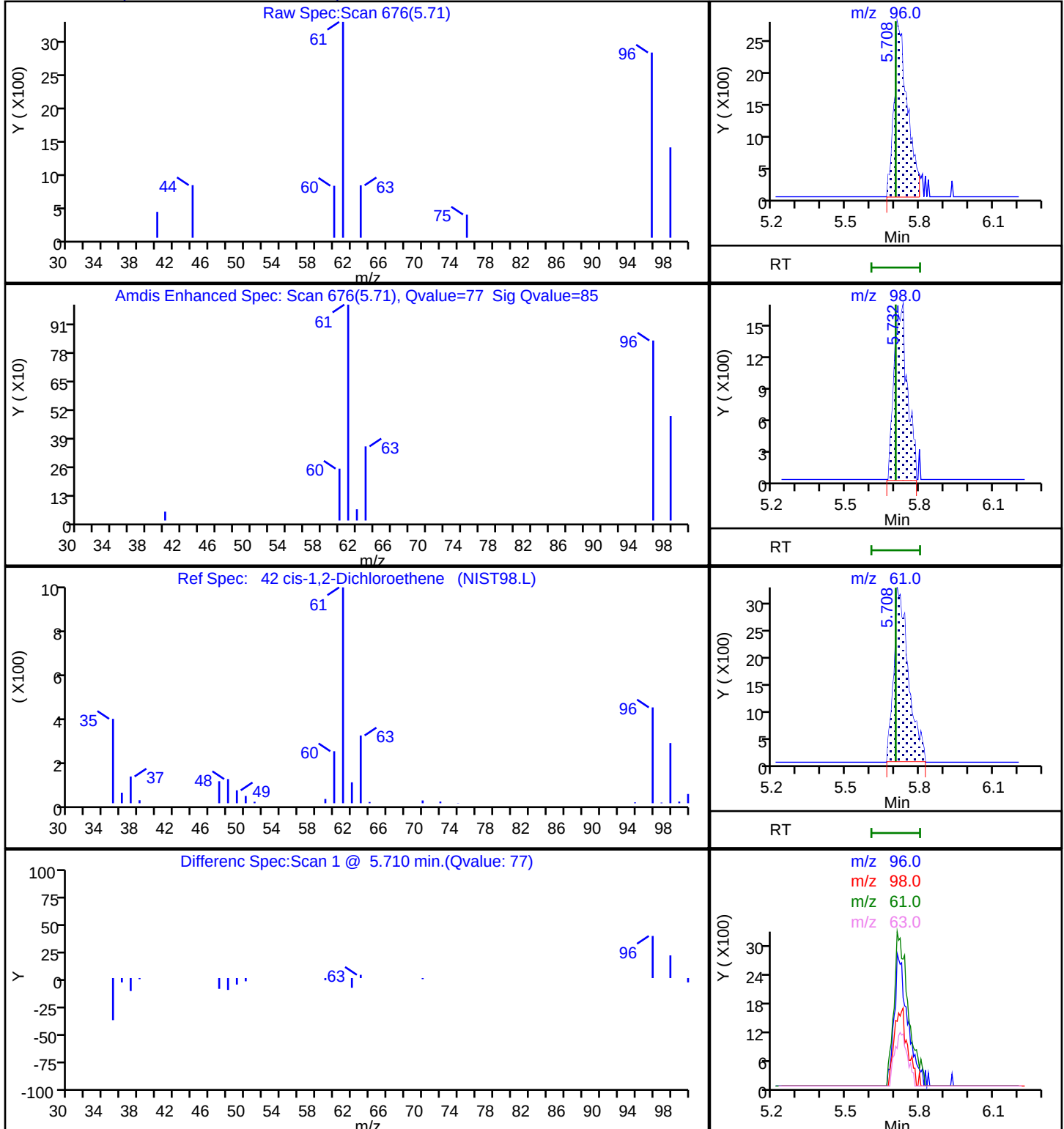
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X50.D
Injection Date: 31-Oct-2025 03:18:30 Instrument ID: 19094
Lims ID: 410-249042-A-10 Lab Sample ID: 410-249042-10
Client ID: HD-COD-SW-28-0/1-0
Operator ID: gaw91131 ALS Bottle#: 20 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) MS Quad

50 Chloroform, CAS: 67-66-3

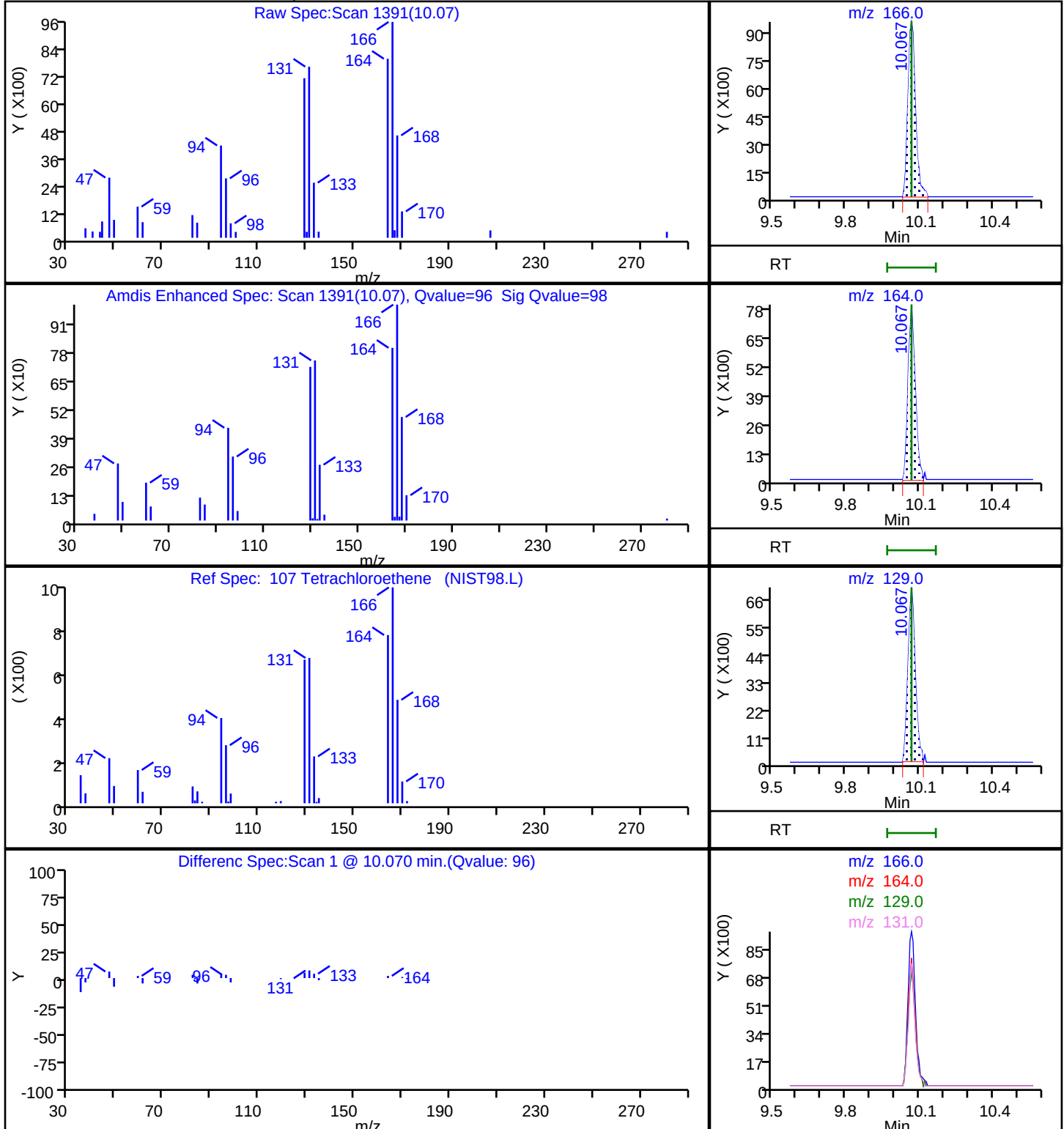
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X50.D
Injection Date: 31-Oct-2025 03:18:30 Instrument ID: 19094
Lims ID: 410-249042-A-10 Lab Sample ID: 410-249042-10
Client ID: HD-COD-SW-28-0/1-0
Operator ID: gaw91131 ALS Bottle#: 20 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) MS Quad

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X50.D
Injection Date: 31-Oct-2025 03:18:30 Instrument ID: 19094
Lims ID: 410-249042-A-10 Lab Sample ID: 410-249042-10
Client ID: HD-COD-SW-28-0/1-0
Operator ID: gaw91131 ALS Bottle#: 20 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) MS Quad

107 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X50.D

Injection Date: 31-Oct-2025 03:18:30

Instrument ID: 19094

Lims ID: 410-249042-A-10

Lab Sample ID: 410-249042-10

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

Operator ID: gaw91131

ALS Bottle#: 20

Worklist Smp#: 19

Purge Vol: 25.000 mL

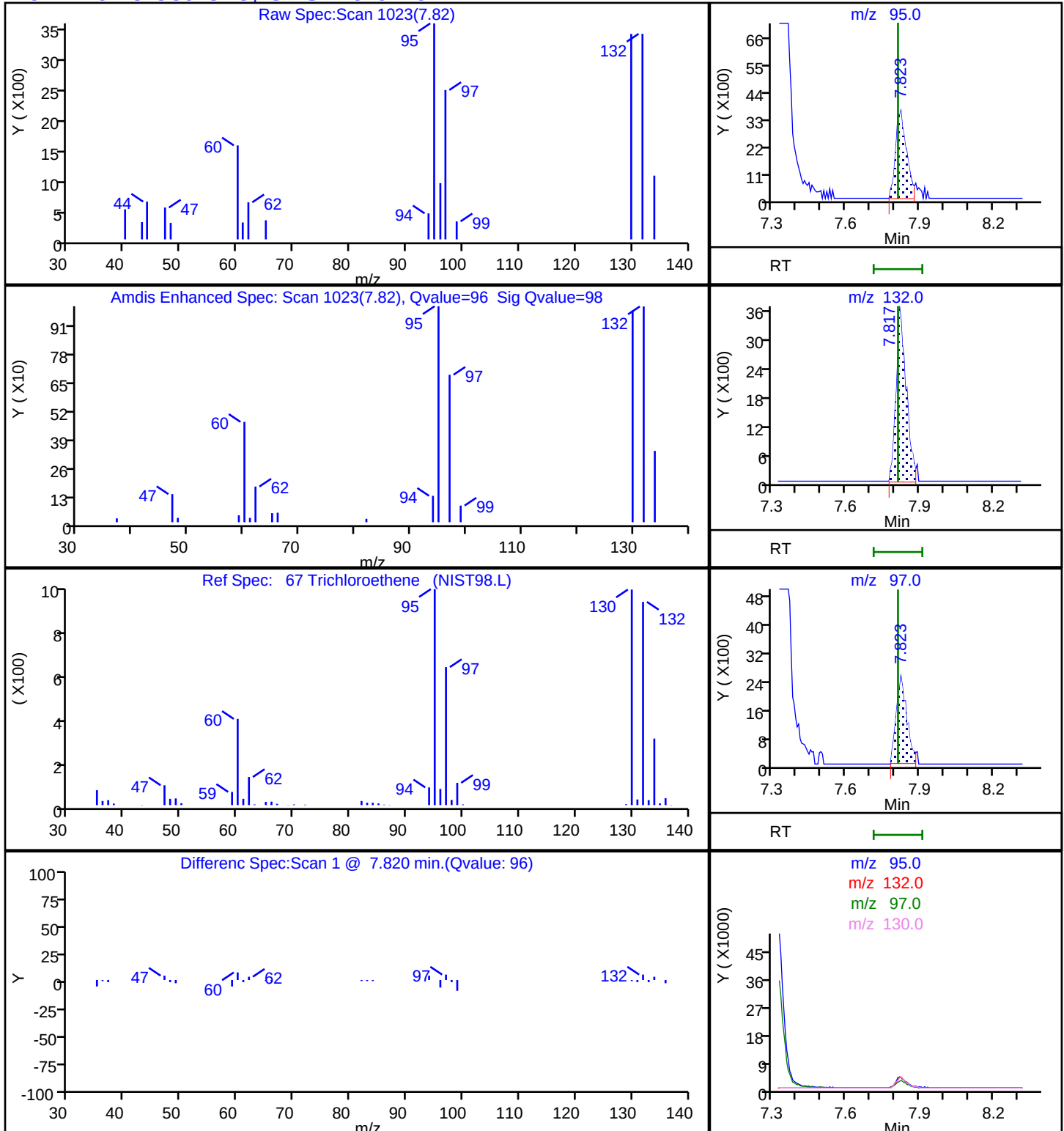
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

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.: 410-249042-1

SDG No.:

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

Lab Sample ID: 410-249042-11

Matrix: Water

Lab File ID: HC30X51.D

Analysis Method: 8260D

Date Collected: 10/24/2025 08:40

Sample wt/vol: 25 (mL)

Date Analyzed: 10/31/2025 03:38

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.: 722416

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	0.11	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	0.28	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	0.83		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-29-0/1-0 Lab Sample ID: 410-249042-11

Matrix: Water Lab File ID: HC30X51.D

Analysis Method: 8260D Date Collected: 10/24/2025 08:40

Sample wt/vol: 25 (mL) Date Analyzed: 10/31/2025 03:38

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.: 722416 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	0.28	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)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	100		80-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X51.D
 Lims ID: 410-249042-A-11
 Client ID: HD-COD-SW-29-0/1-0
 Sample Type: Client
 Inject. Date: 31-Oct-2025 03:38:30 ALS Bottle#: 21 Worklist Smp#: 20
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0165098-020
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 31-Oct-2025 09:46:32 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: CTX1638

First Level Reviewer: N7YK

Date: 31-Oct-2025 09:41:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	1.995	2.007	-0.012	96	6750	0.0768	
7 Vinyl chloride	62		2.111				ND	7
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.459				ND	
17 1,1-Dichloroethene	96		3.227				ND	
19 Acetone	43		3.257				ND	
23 Carbon disulfide	76		3.513				ND	7
27 Methylene Chloride	84		3.818				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.842	3.824	0.018	28	83329	50.0	
31 Methyl tert-butyl ether	73		4.184				ND	
33 trans-1,2-Dichloroethene	96		4.202				ND	
35 1,1-Dichloroethane	63		4.854				ND	7
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.726	5.702	0.024	78	15708	0.2840	
47 Chlorobromomethane	128		6.037				ND	
50 Chloroform	83	6.196	6.196	0.000	94	10338	0.1090	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.415	-0.006	93	448038	10.0	
52 1,1,1-Trichloroethane	97	6.427	6.427	0.000	43	5198	0.0580	
56 Carbon tetrachloride	117		6.641				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	49	83019	10.1	
59 Benzene	78	6.921	6.903	0.018	52	5699	0.0251	
60 1,2-Dichloroethane	62		6.976				ND	
* 64 Fluorobenzene (IS)	96	7.317	7.323	-0.006	99	1950785	10.0	
67 Trichloroethene	95	7.823	7.811	0.012	97	16376	0.2754	
70 1,2-Dichloropropane	63		8.146				ND	
76 Dichlorobromomethane	83		8.500				ND	
80 cis-1,3-Dichloropropene	75		9.073				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.256				ND	7
\$ 82 Toluene-d8 (Surr)	98	9.402	9.402	0.000	94	1966393	9.71	
84 Toluene	92	9.488	9.482	0.006	98	6869	0.0454	
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.975				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.067	10.067	0.000	96	56860	0.8311	
109 2-Hexanone	43		10.195				ND	
111 Chlorodibromomethane	129		10.366				ND	
112 Ethylene Dibromide	107		10.481				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.926	10.926	0.000	87	1435434	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		11.164				ND	7
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.499				ND	7
121 Styrene	104		11.512				ND	7
122 Bromoform	173		11.670				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	717603	9.86	
127 1,1,2,2-Tetrachloroethane	83		12.054				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	779257	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: 31-Oct-2025 09:47:11

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X51.D

Injection Date: 31-Oct-2025 03:38:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: 410-249042-A-11

Lab Sample ID: 410-249042-11

Worklist Smp#: 20

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

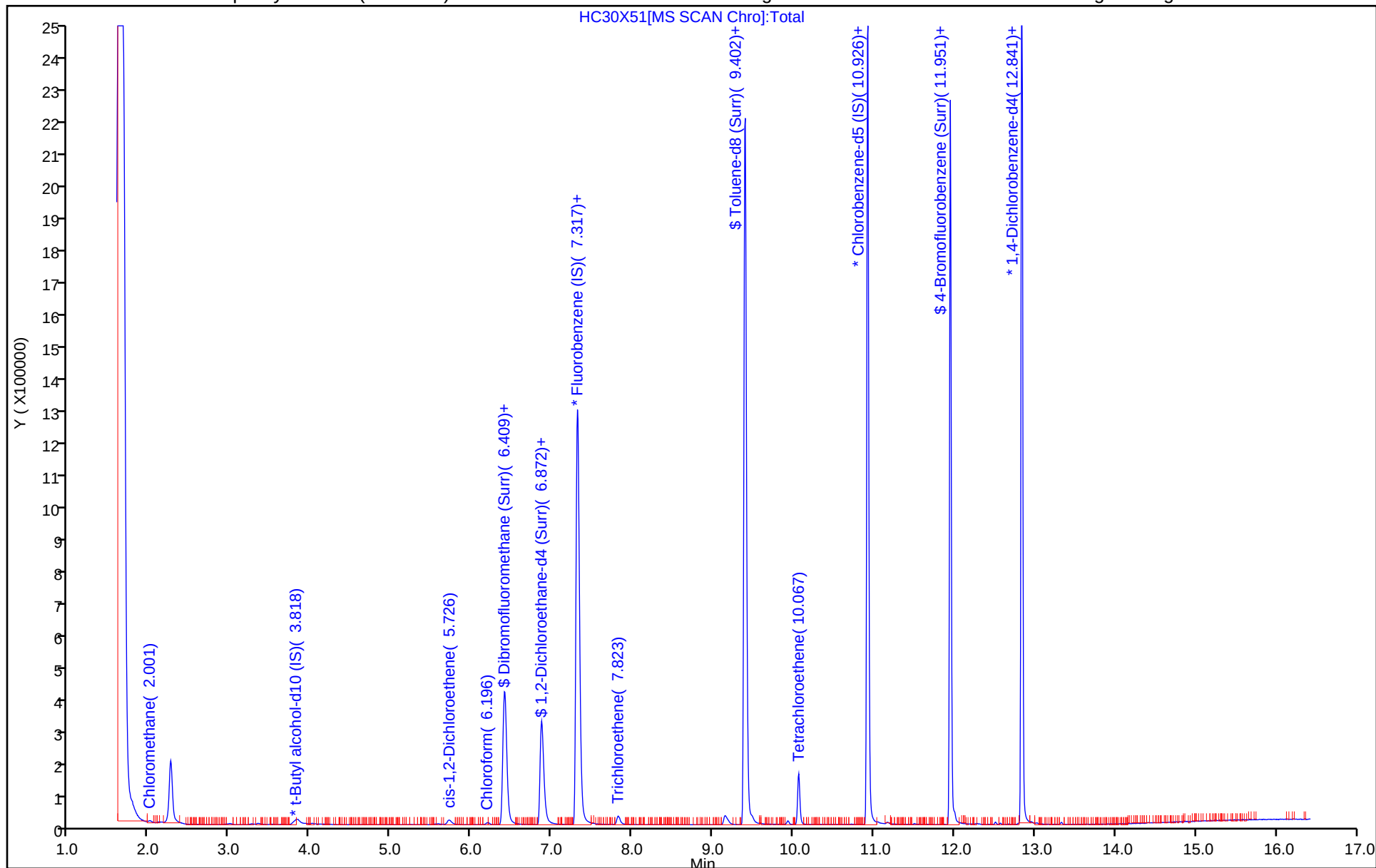
ALS Bottle#: 21

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\20251030-165098.b\HC30X51.D
Lims ID: 410-249042-A-11
Client ID: HD-COD-SW-29-0/1-0
Sample Type: Client
Inject. Date: 31-Oct-2025 03:38:30 ALS Bottle#: 21 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0165098-020
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 31-Oct-2025 09:46:32 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: CTX1638

First Level Reviewer: N7YK

Date: 31-Oct-2025 09:41:31

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	10.0	100.33
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.1	100.78
\$ 82 Toluene-d8 (Surr)	10.0	9.71	97.13
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.86	98.57

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X51.D

Injection Date: 31-Oct-2025 03:38:30

Instrument ID: 19094

Lims ID: 410-249042-A-11

Lab Sample ID: 410-249042-11

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

Operator ID: gaw91131

ALS Bottle#: 21

Worklist Smp#: 20

Purge Vol: 25.000 mL

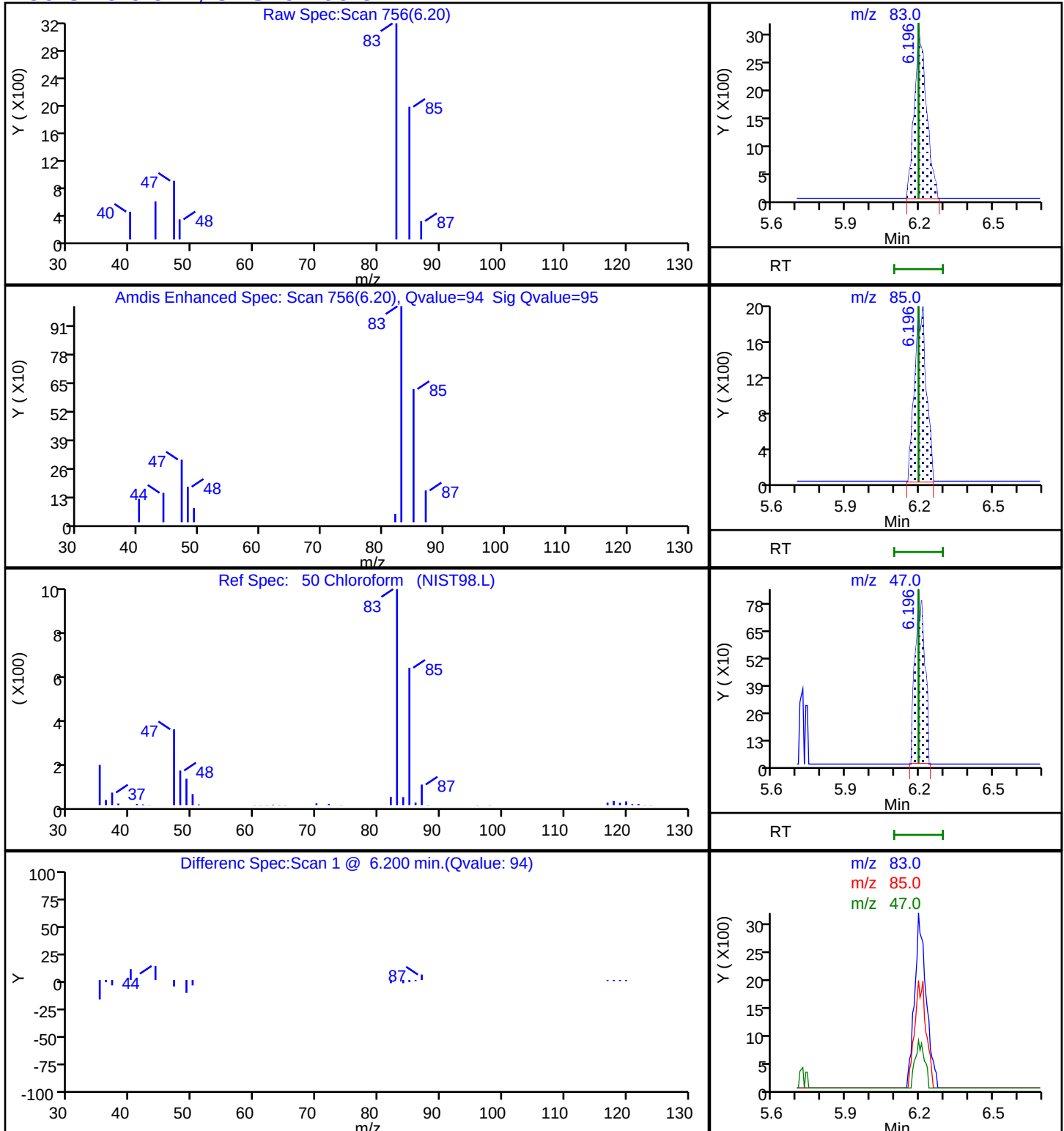
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

50 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X51.D

Injection Date: 31-Oct-2025 03:38:30

Instrument ID: 19094

Lims ID: 410-249042-A-11

Lab Sample ID: 410-249042-11

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

Operator ID: gaw91131

ALS Bottle#: 21

Worklist Smp#: 20

Purge Vol: 25.000 mL

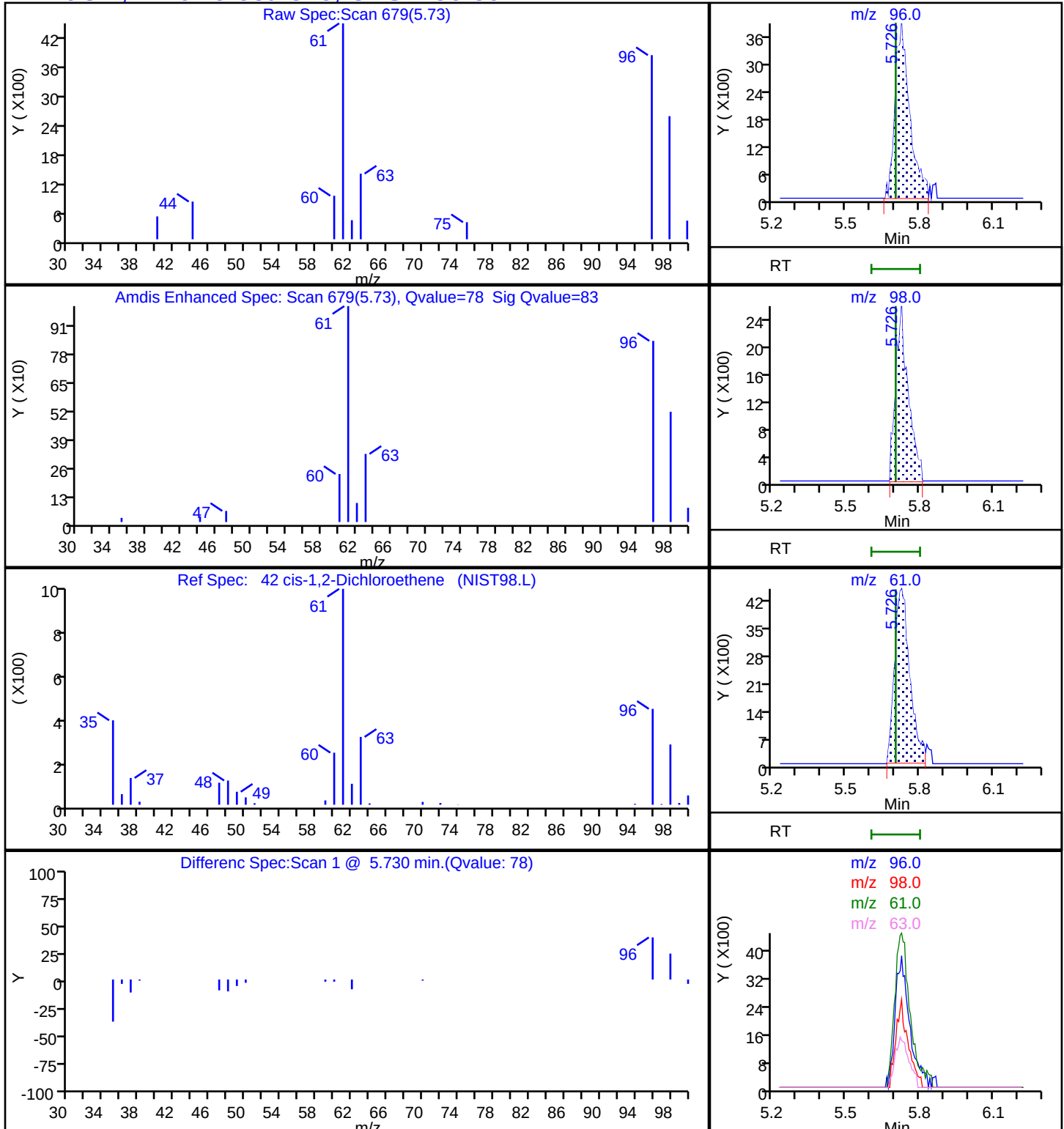
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X51.D

Injection Date: 31-Oct-2025 03:38:30

Instrument ID: 19094

Lims ID: 410-249042-A-11

Lab Sample ID: 410-249042-11

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

Operator ID: gaw91131

ALS Bottle#: 21

Worklist Smp#: 20

Purge Vol: 25.000 mL

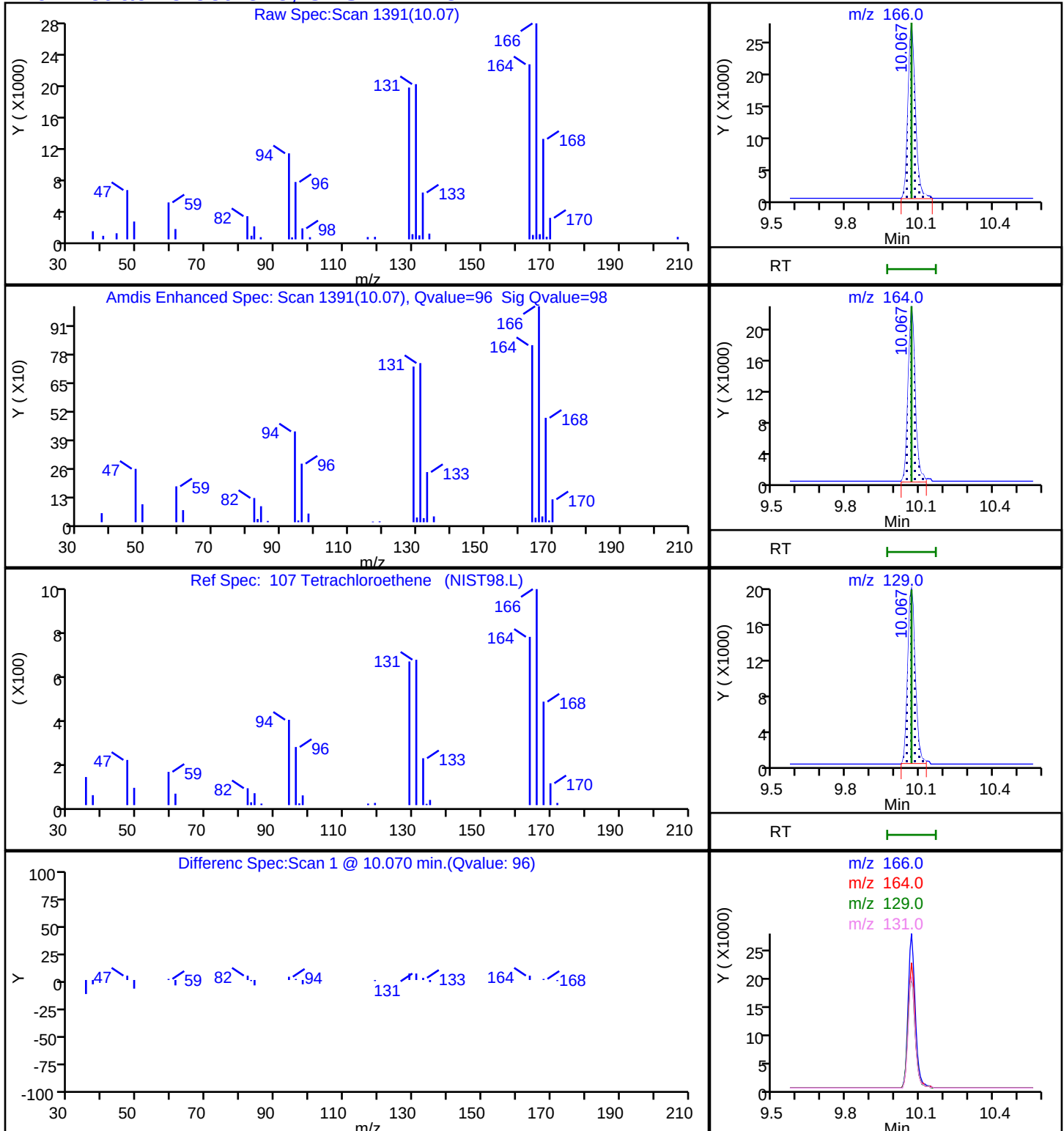
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

107 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X51.D

Injection Date: 31-Oct-2025 03:38:30

Instrument ID: 19094

Lims ID: 410-249042-A-11

Lab Sample ID: 410-249042-11

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

Operator ID: gaw91131

ALS Bottle#: 21

Worklist Smp#: 20

Purge Vol: 25.000 mL

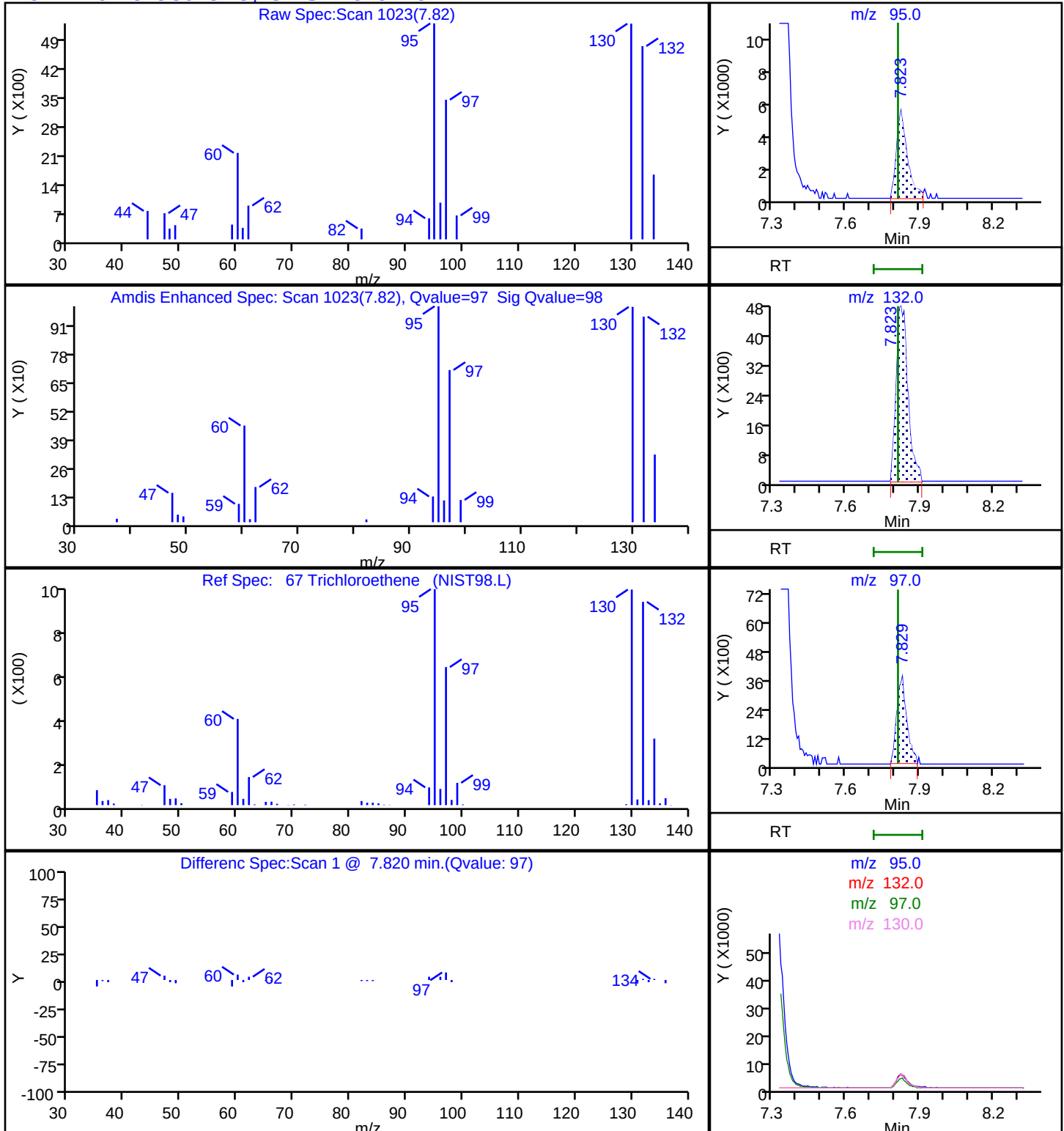
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

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.: 410-249042-1

SDG No.:

Client Sample ID: HD-QC1-0/1-1

Lab Sample ID: 410-249042-12

Matrix: Water

Lab File ID: HC30X54.D

Analysis Method: 8260D

Date Collected: 10/24/2025 10:00

Sample wt/vol: 25 (mL)

Date Analyzed: 10/31/2025 04:40

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.: 722416

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	14		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	2.4		0.50	0.10
75-35-4	1,1-Dichloroethene	1.1		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	0.20	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	3.0		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.: 410-249042-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-QC1-0/1-1 Lab Sample ID: 410-249042-12

Matrix: Water Lab File ID: HC30X54.D

Analysis Method: 8260D Date Collected: 10/24/2025 10:00

Sample wt/vol: 25 (mL) Date Analyzed: 10/31/2025 04:40

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.: 722416 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 19094

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	5.2		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)	101		80-120
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X54.D
 Lims ID: 410-249042-A-12
 Client ID: HD-QC1-0/1-1
 Sample Type: Client
 Inject. Date: 31-Oct-2025 04:40:30 ALS Bottle#: 24 Worklist Smp#: 23
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0165098-023
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 31-Oct-2025 09:46:32 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: CTX1638

First Level Reviewer: N7YK

Date: 31-Oct-2025 09:43:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		2.007				ND	7
7 Vinyl chloride	62		2.111				ND	7
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.459				ND	
17 1,1-Dichloroethene	96	3.233	3.227	0.006	98	52274	1.11	
19 Acetone	43		3.257				ND	
23 Carbon disulfide	76		3.513				ND	
27 Methylene Chloride	84		3.818				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.836	3.824	0.012	31	79132	50.0	
31 Methyl tert-butyl ether	73		4.184				ND	7
33 trans-1,2-Dichloroethene	96	4.220	4.202	0.018	91	2282	0.0438	
35 1,1-Dichloroethane	63	4.861	4.854	0.007	97	232886	2.40	
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.714	5.702	0.012	81	165736	3.00	
47 Chlorobromomethane	128		6.037				ND	
50 Chloroform	83	6.196	6.196	0.000	93	18694	0.1974	
\$ 51 Dibromofluoromethane (Surr)	113	6.415	6.415	0.000	93	451468	10.1	
52 1,1,1-Trichloroethane	97	6.421	6.427	-0.006	99	1274406	14.2	
56 Carbon tetrachloride	117	6.641	6.641	0.000	69	2536	0.0337	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	69	80880	9.83	
59 Benzene	78		6.903				ND	7
60 1,2-Dichloroethane	62		6.976				ND	
* 64 Fluorobenzene (IS)	96	7.317	7.323	-0.006	99	1948188	10.0	
67 Trichloroethene	95	7.817	7.811	0.006	98	310741	5.23	
70 1,2-Dichloropropane	63		8.146				ND	
76 Dichlorobromomethane	83		8.500				ND	
80 cis-1,3-Dichloropropene	75		9.073				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.256				ND	
\$ 82 Toluene-d8 (Surr)	98	9.402	9.402	0.000	94	1970740	9.35	
84 Toluene	92		9.482				ND	7
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.975				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.067	10.067	0.000	93	14060903	197.4	E
109 2-Hexanone	43		10.195				ND	
111 Chlorodibromomethane	129		10.366				ND	7
112 Ethylene Dibromide	107		10.481				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.926	10.926	0.000	87	1494195	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		11.164				ND	7
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.499				ND	7
121 Styrene	104		11.512				ND	
122 Bromoform	173		11.670				ND	7
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	733355	9.68	
127 1,1,2,2-Tetrachloroethane	83		12.054				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	793689	10.0	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Reagents:

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 31-Oct-2025 09:47:17

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X54.D

Injection Date: 31-Oct-2025 04:40:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: 410-249042-A-12

Lab Sample ID: 410-249042-12

Worklist Smp#: 23

Client ID: HD-QC1-0/1-1

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

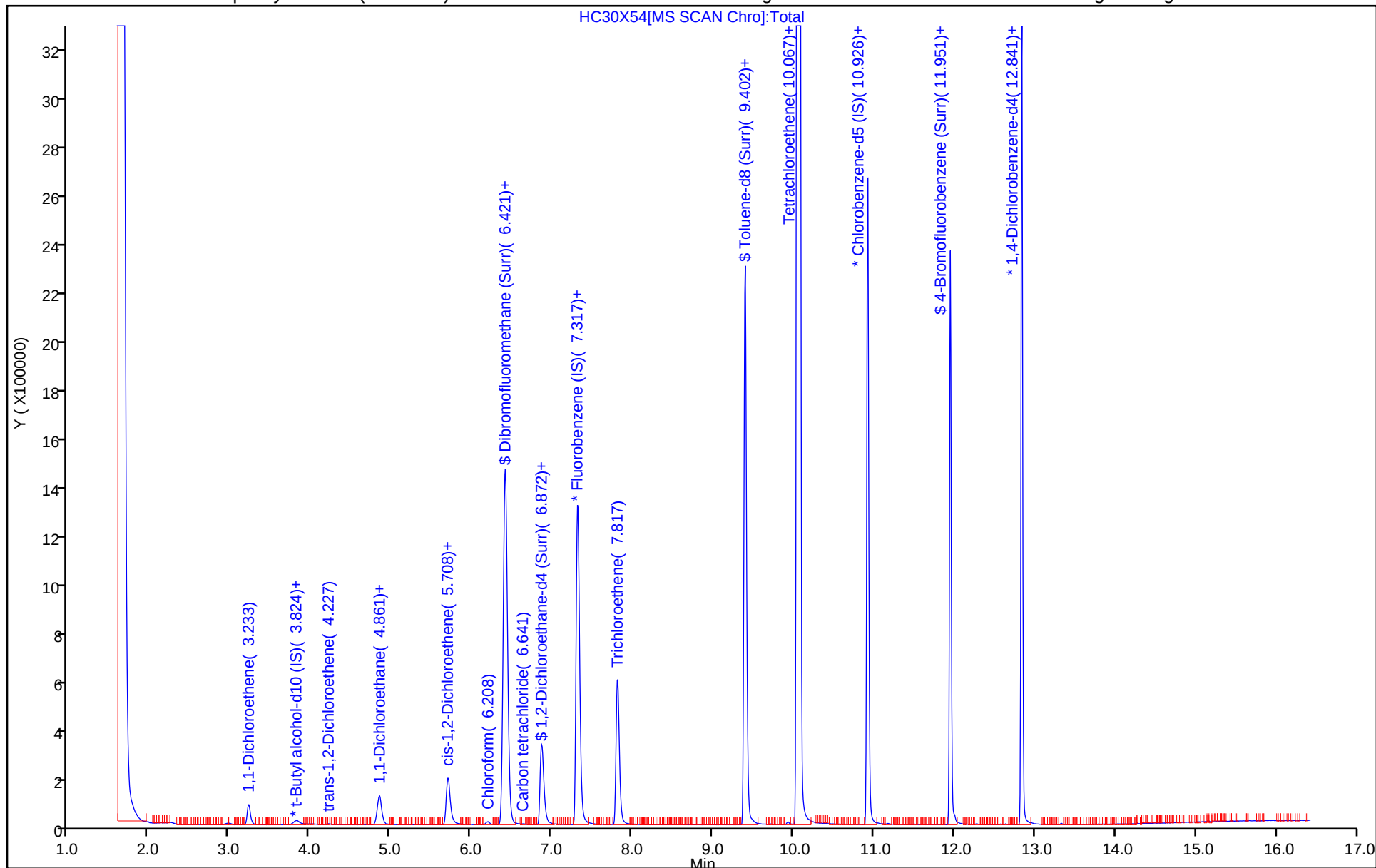
ALS Bottle#: 24

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\20251030-165098.b\HC30X54.D
Lims ID: 410-249042-A-12
Client ID: HD-QC1-0/1-1
Sample Type: Client
Inject. Date: 31-Oct-2025 04:40:30 ALS Bottle#: 24 Worklist Smp#: 23
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0165098-023
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 31-Oct-2025 09:46:32 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: CTX1638

First Level Reviewer: N7YK

Date: 31-Oct-2025 09:43:52

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	10.1	101.24
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	9.83	98.31
\$ 82 Toluene-d8 (Surr)	10.0	9.35	93.52
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.68	96.77

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X54.D

Injection Date: 31-Oct-2025 04:40:30

Instrument ID: 19094

Lims ID: 410-249042-A-12

Lab Sample ID: 410-249042-12

Client ID: HD-QC1-0/1-1

Operator ID: gaw91131

ALS Bottle#: 24

Worklist Smp#: 23

Purge Vol: 25.000 mL

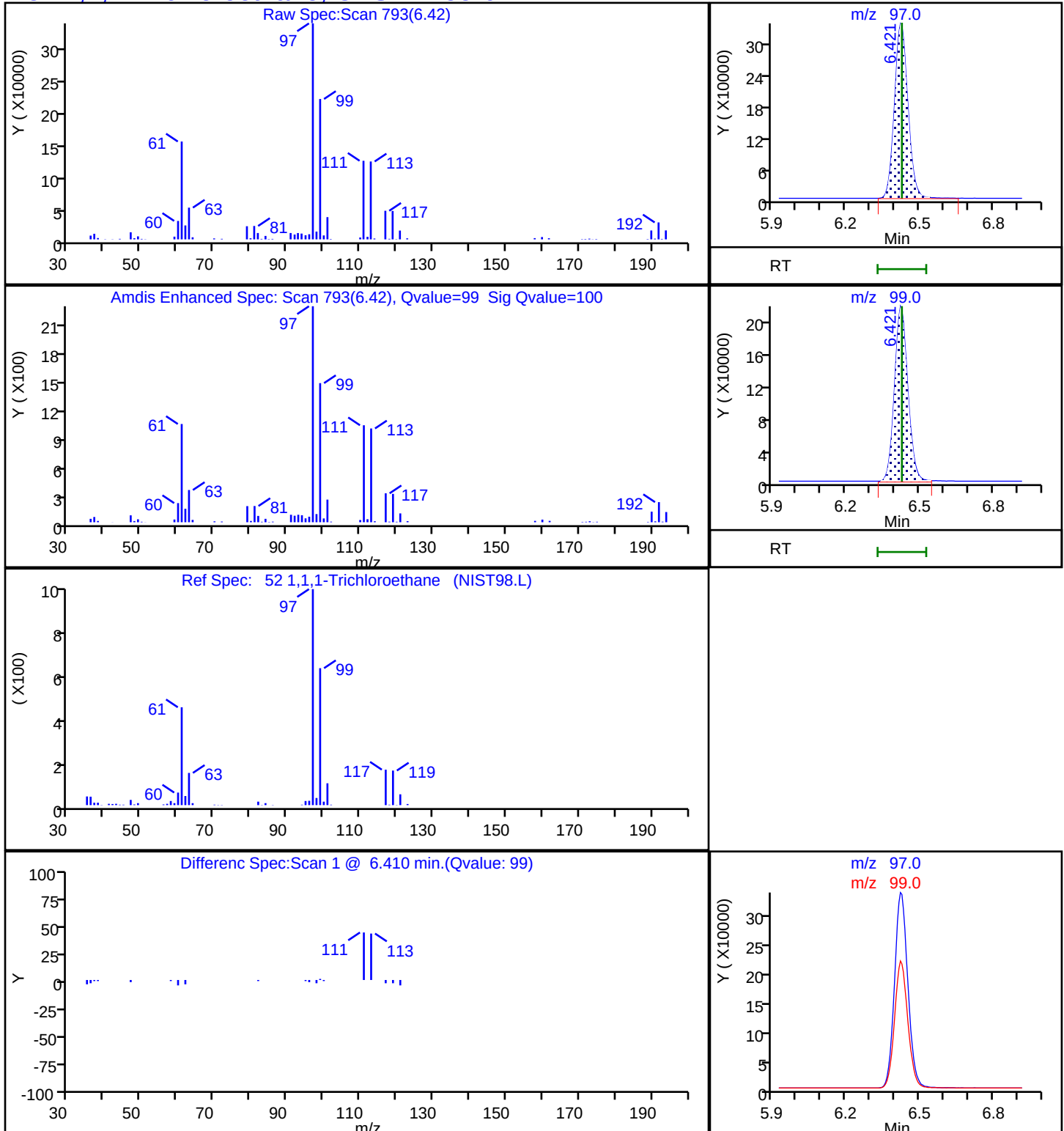
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X54.D

Injection Date: 31-Oct-2025 04:40:30

Instrument ID: 19094

Lims ID: 410-249042-A-12

Lab Sample ID: 410-249042-12

Client ID: HD-QC1-0/1-1

Operator ID: gaw91131

ALS Bottle#: 24

Worklist Smp#: 23

Purge Vol: 25.000 mL

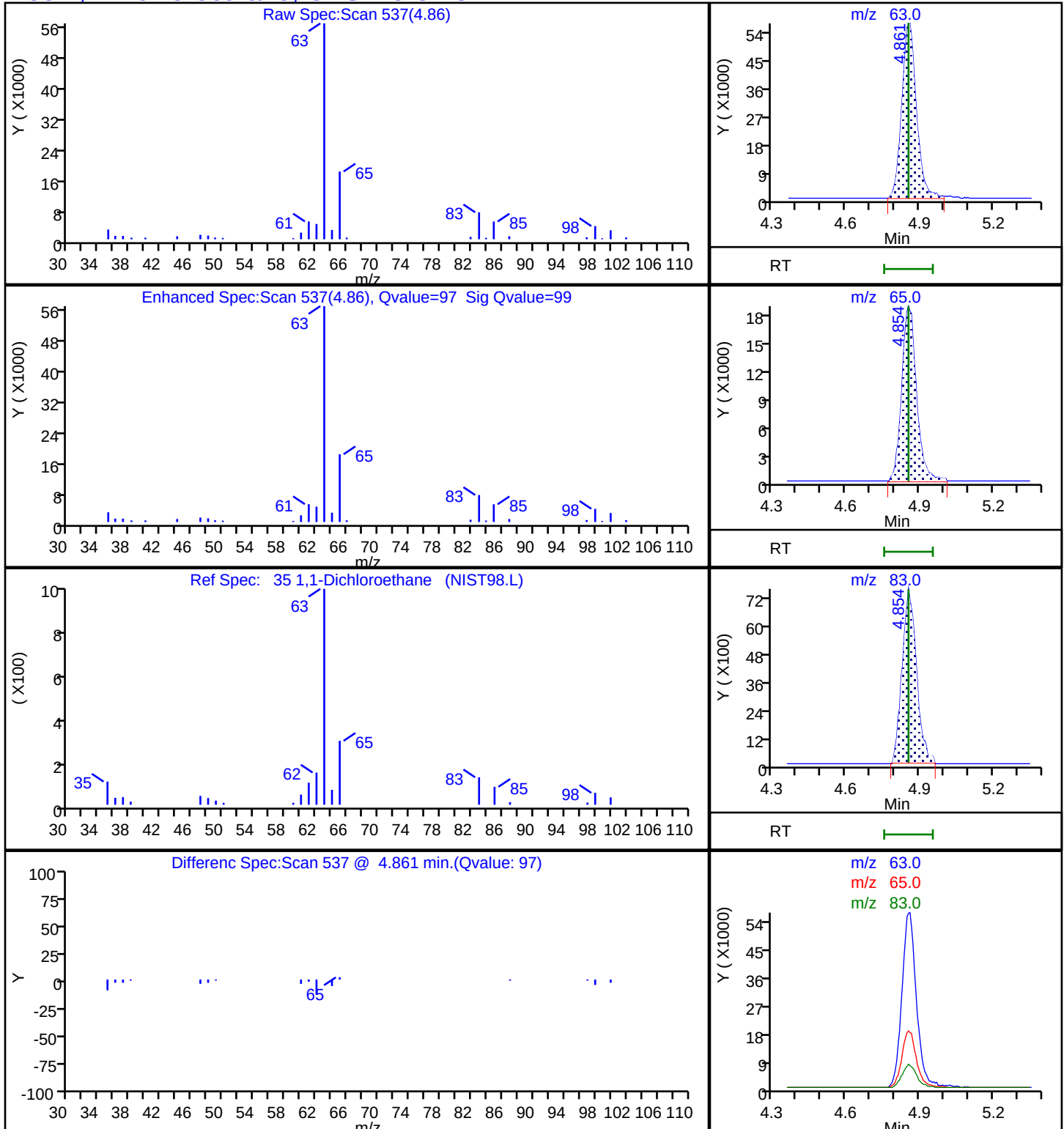
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

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

MS Quad

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X54.D

Injection Date: 31-Oct-2025 04:40:30

Instrument ID: 19094

Lims ID: 410-249042-A-12

Lab Sample ID: 410-249042-12

Client ID: HD-QC1-0/1-1

Operator ID: gaw91131

ALS Bottle#: 24

Worklist Smp#: 23

Purge Vol: 25.000 mL

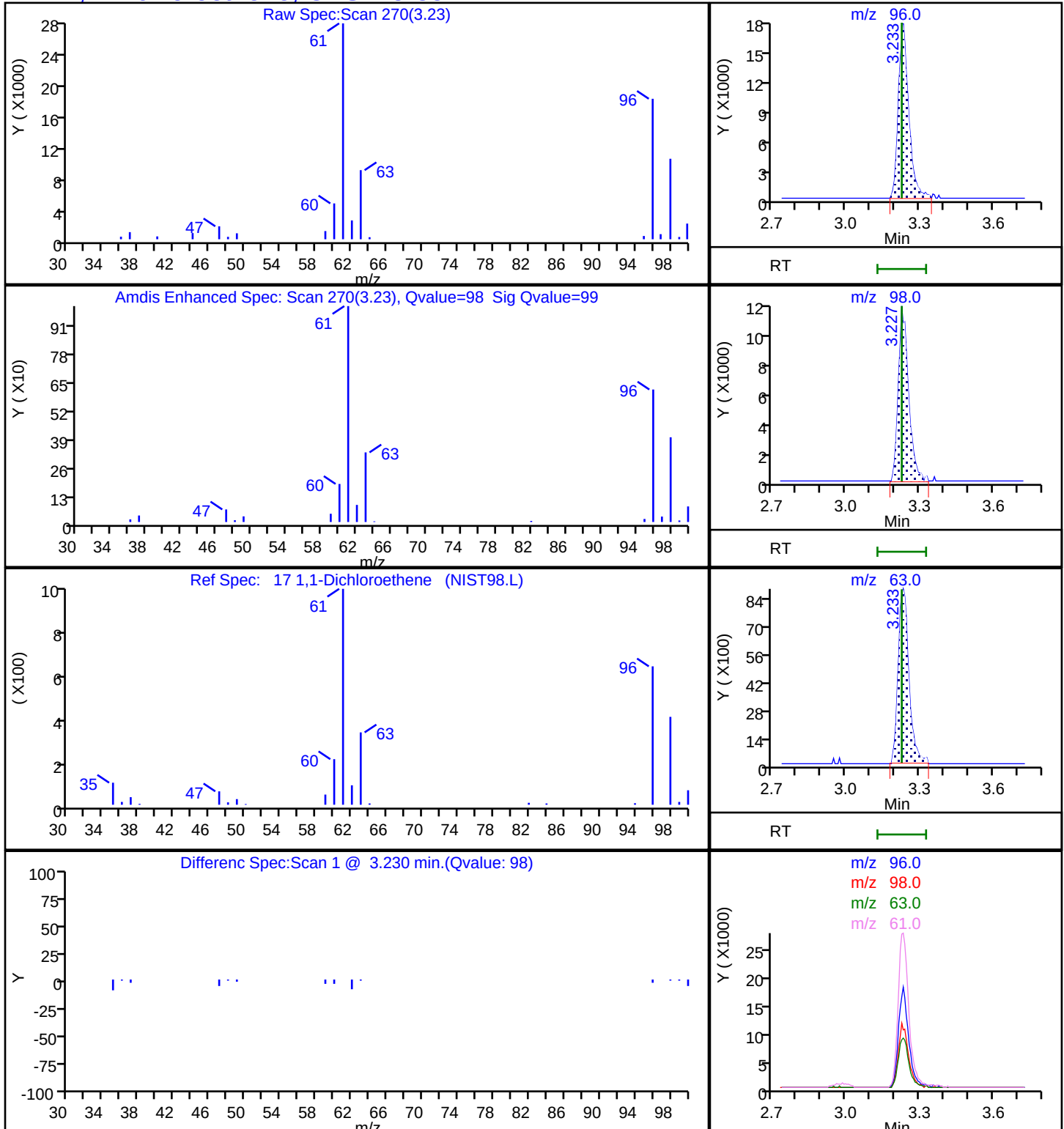
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

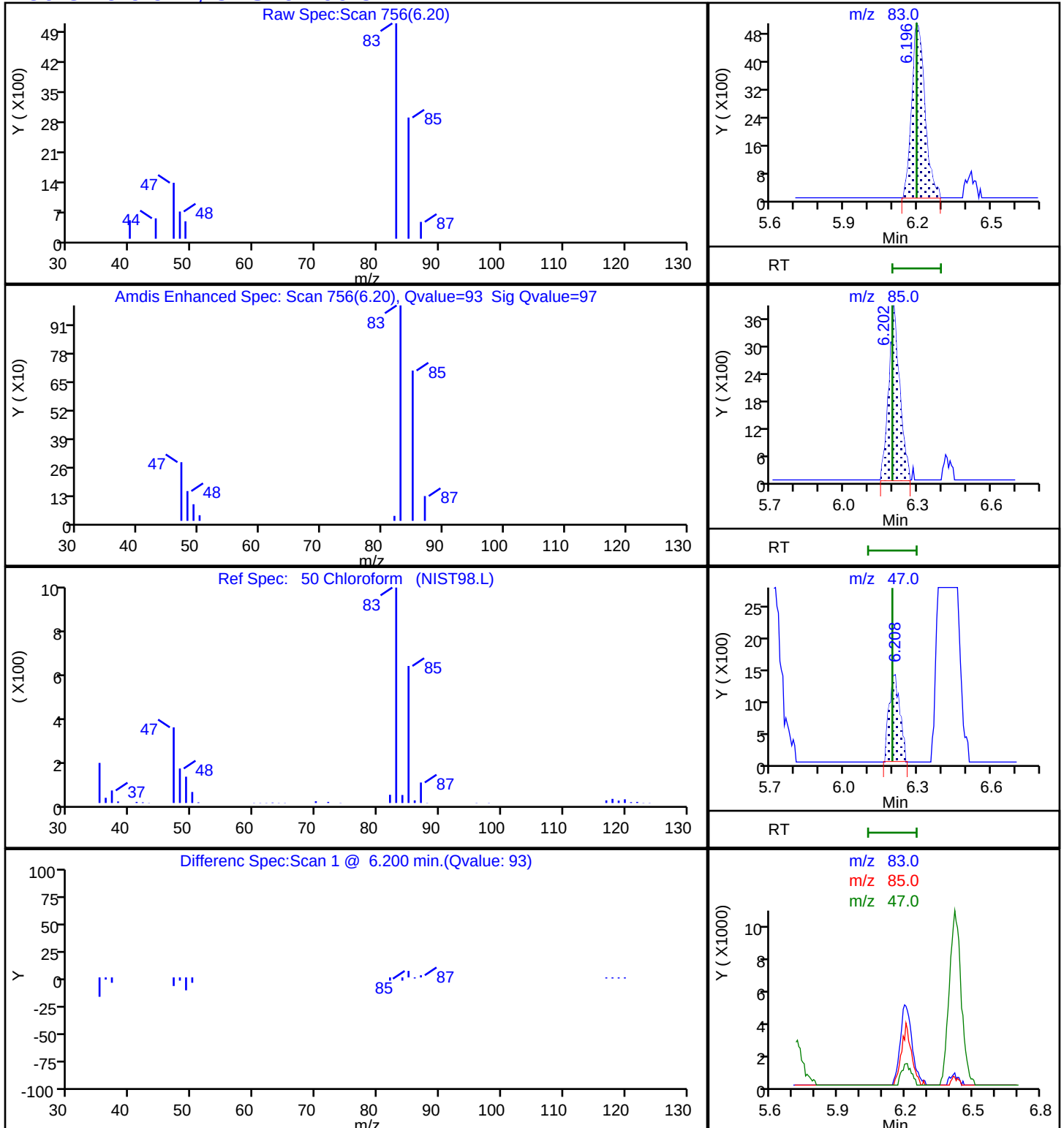
Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X54.D
Injection Date: 31-Oct-2025 04:40:30 Instrument ID: 19094
Lims ID: 410-249042-A-12 Lab Sample ID: 410-249042-12
Client ID: HD-QC1-0/1-1
Operator ID: gaw91131 ALS Bottle#: 24 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) MS Quad

50 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X54.D

Injection Date: 31-Oct-2025 04:40:30

Instrument ID: 19094

Lims ID: 410-249042-A-12

Lab Sample ID: 410-249042-12

Client ID: HD-QC1-0/1-1

Operator ID: gaw91131

ALS Bottle#: 24

Worklist Smp#: 23

Purge Vol: 25.000 mL

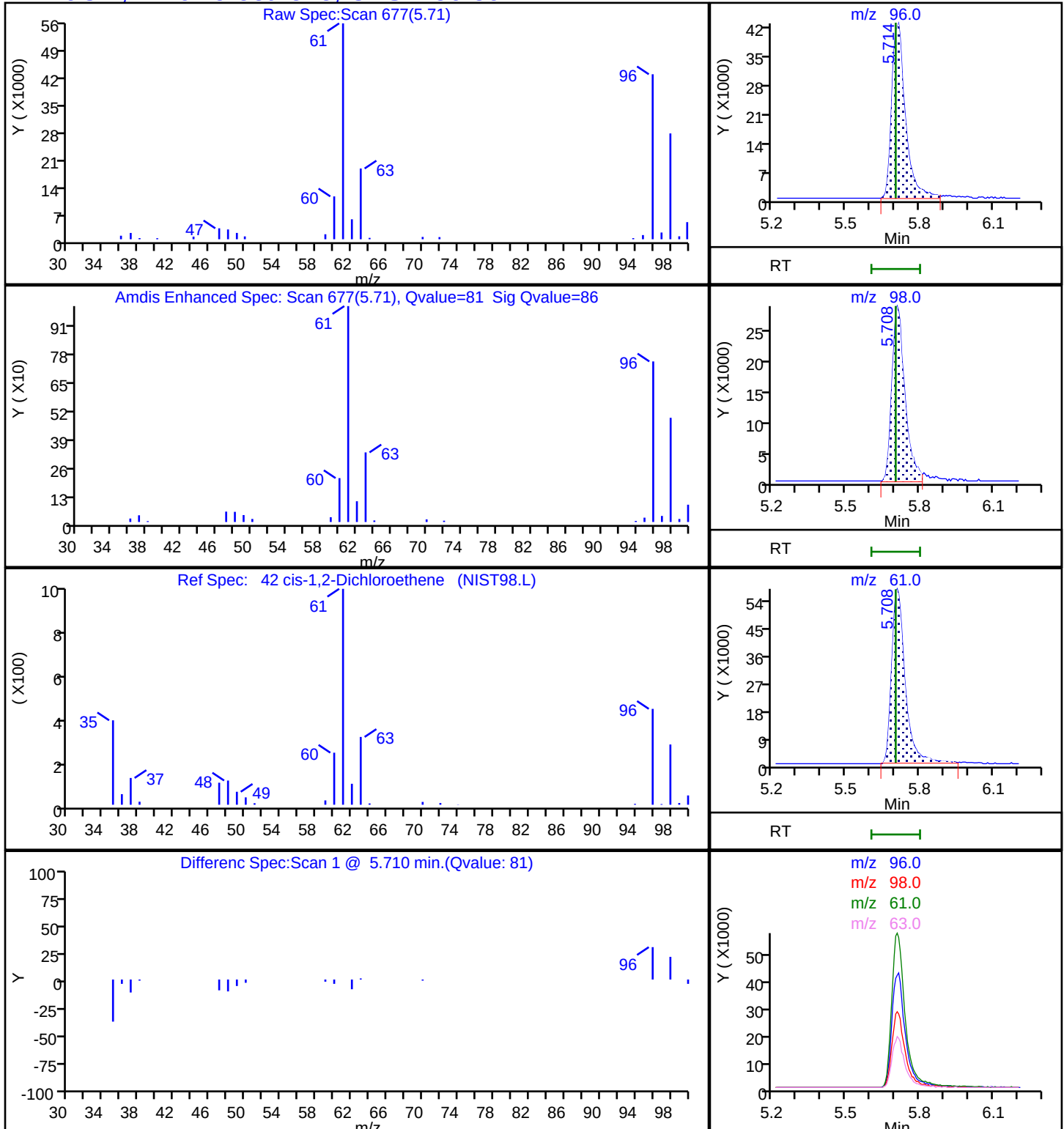
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

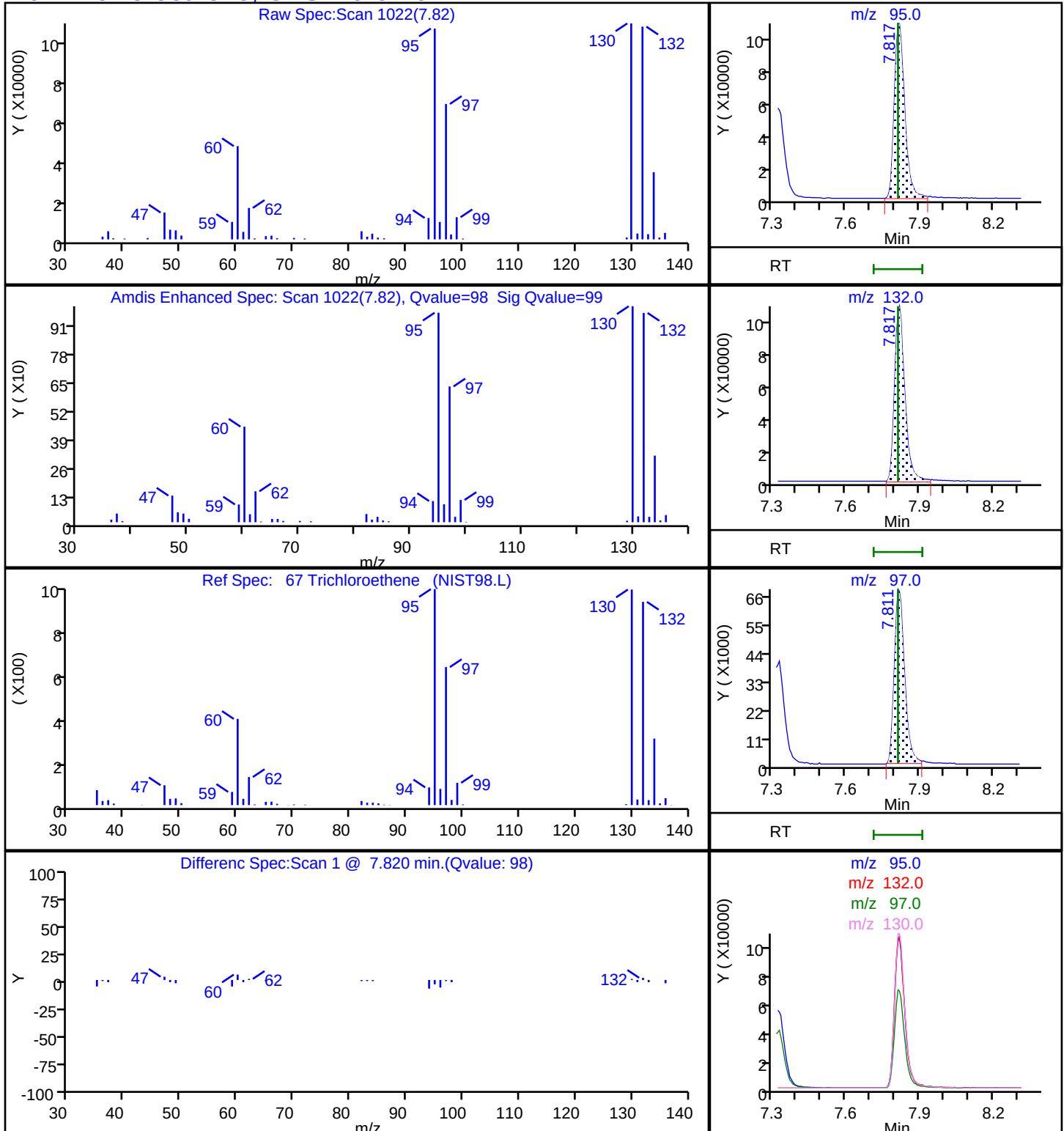
Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X54.D
Injection Date: 31-Oct-2025 04:40:30 Instrument ID: 19094
Lims ID: 410-249042-A-12 Lab Sample ID: 410-249042-12
Client ID: HD-QC1-0/1-1
Operator ID: gaw91131 ALS Bottle#: 24 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) MS Quad

67 Trichloroethene, CAS: 79-01-6

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC	Job No.: 410-249042-1
SDG No.:	
Client Sample ID: HD-QC1-0/1-1 DL	Lab Sample ID: 410-249042-12 DL
Matrix: Water	Lab File ID: HC30X55.D
Analysis Method: 8260D	Date Collected: 10/24/2025 10:00
Sample wt/vol: 25 (mL)	Date Analyzed: 10/31/2025 05:01
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.: 722416	Units: ug/L
Preparation Batch No.:	Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	170		5.0	2.0

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)	102		80-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X55.D
 Lims ID: 410-249042-B-12 DL
 Client ID: HD-QC1-0/1-1
 Sample Type: Client
 Inject. Date: 31-Oct-2025 05:01:30 ALS Bottle#: 25 Worklist Smp#: 24
 Purge Vol: 25.000 mL Dil. Factor: 10.0000
 Sample Info: 410-0165098-024
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 31-Oct-2025 09:46:32 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: CTX1638

First Level Reviewer: N7YK

Date: 31-Oct-2025 09:44:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		2.007				ND	7
7 Vinyl chloride	62		2.111				ND	
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.459				ND	
17 1,1-Dichloroethene	96	3.227	3.227	0.000	95	4442	0.0969	
19 Acetone	43		3.257				ND	
23 Carbon disulfide	76		3.513				ND	7
27 Methylene Chloride	84		3.818				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.824	3.824	0.000	24	78308	50.0	
31 Methyl tert-butyl ether	73		4.184				ND	
33 trans-1,2-Dichloroethene	96		4.202				ND	
35 1,1-Dichloroethane	63	4.861	4.854	0.007	94	20048	0.2129	
41 2-Butanone (MEK)	43		5.659				ND	
42 cis-1,2-Dichloroethene	96	5.720	5.702	0.018	78	14748	0.2753	
47 Chlorobromomethane	128		6.037				ND	
50 Chloroform	83		6.196				ND	7
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.415	-0.006	93	439427	10.2	
52 1,1,1-Trichloroethane	97	6.421	6.427	-0.006	98	108936	1.26	
56 Carbon tetrachloride	117		6.641				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.866	6.872	-0.006	45	79636	9.98	
59 Benzene	78		6.903				ND	7
60 1,2-Dichloroethane	62		6.976				ND	
* 64 Fluorobenzene (IS)	96	7.317	7.323	-0.006	99	1889903	10.0	
67 Trichloroethene	95	7.817	7.811	0.006	98	26826	0.4656	
70 1,2-Dichloropropane	63		8.146				ND	
76 Dichlorobromomethane	83		8.500				ND	
80 cis-1,3-Dichloropropene	75		9.073				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.256				ND	
\$ 82 Toluene-d8 (Surr)	98	9.402	9.402	0.000	94	1919024	9.65	
84 Toluene	92		9.482				ND	7
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.975				ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.061	10.067	-0.006	97	1170095	17.4	
109 2-Hexanone	43		10.195				ND	
111 Chlorodibromomethane	129		10.366				ND	7
112 Ethylene Dibromide	107		10.481				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.926	-0.006	87	1409676	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		11.164				ND	
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.499				ND	
121 Styrene	104		11.512				ND	
122 Bromoform	173		11.670				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	90	694138	9.71	
127 1,1,2,2-Tetrachloroethane	83		12.054				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	767921	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

Report Date: 31-Oct-2025 09:47:19

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X55.D

Injection Date: 31-Oct-2025 05:01:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: 410-249042-B-12 DL

Lab Sample ID: 410-249042-12

Worklist Smp#: 24

Client ID: HD-QC1-0/1-1

Purge Vol: 25.000 mL

Dil. Factor: 10.0000

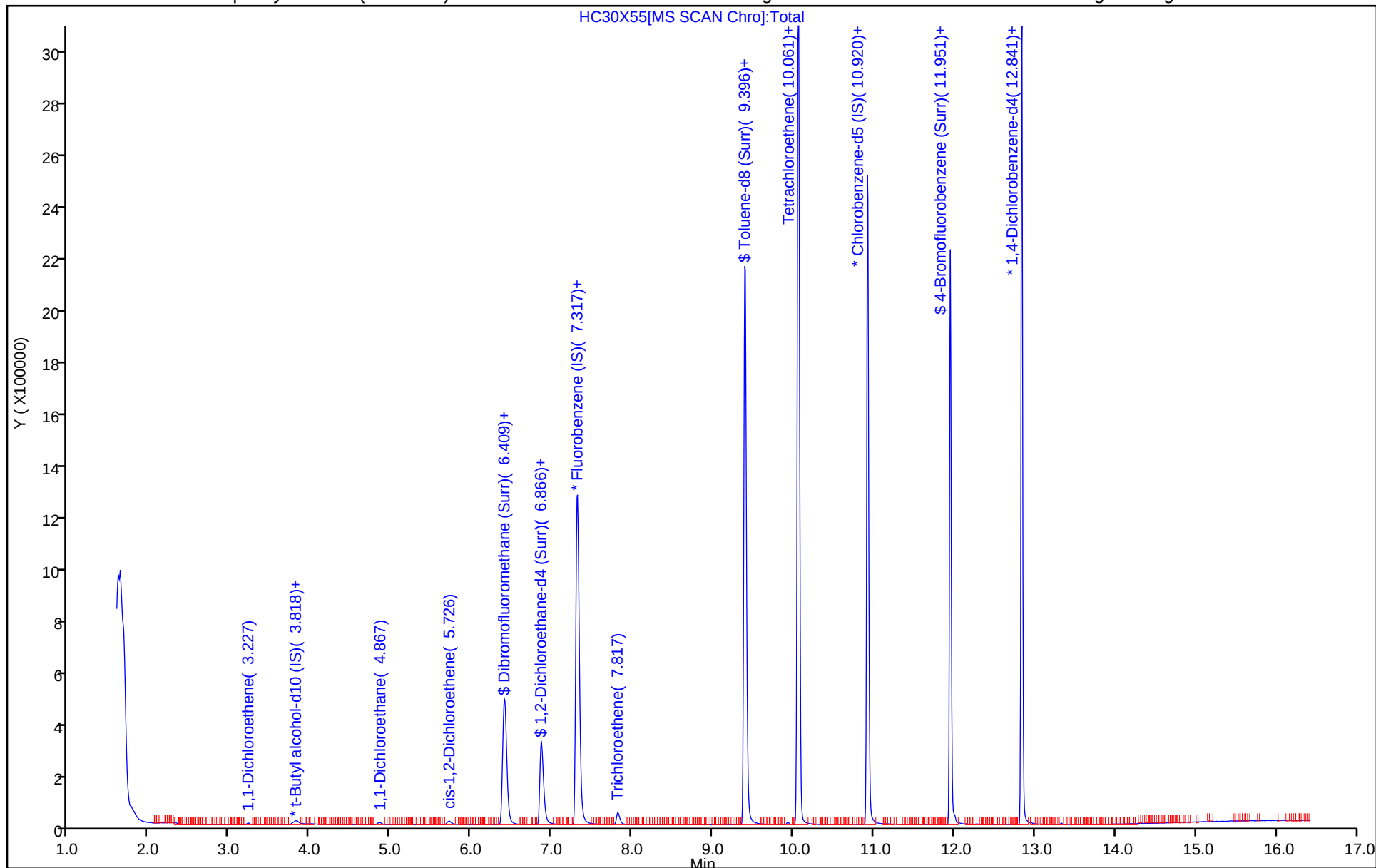
ALS Bottle#: 25

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\20251030-165098.b\HC30X55.D
Lims ID: 410-249042-B-12 DL
Client ID: HD-QC1-0/1-1
Sample Type: Client
Inject. Date: 31-Oct-2025 05:01:30 ALS Bottle#: 25 Worklist Smp#: 24
Purge Vol: 25.000 mL Dil. Factor: 10.0000
Sample Info: 410-0165098-024
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 31-Oct-2025 09:46:32 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: CTX1638

First Level Reviewer: N7YK

Date: 31-Oct-2025 09:44:29

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	10.2	101.57
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	9.98	99.79
\$ 82 Toluene-d8 (Surr)	10.0	9.65	96.52
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.71	97.09

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X55.D

Injection Date: 31-Oct-2025 05:01:30

Instrument ID: 19094

Lims ID: 410-249042-B-12 DL

Lab Sample ID: 410-249042-12

Client ID: HD-QC1-0/1-1

Operator ID: gaw91131

ALS Bottle#: 25

Worklist Smp#: 24

Purge Vol: 25.000 mL

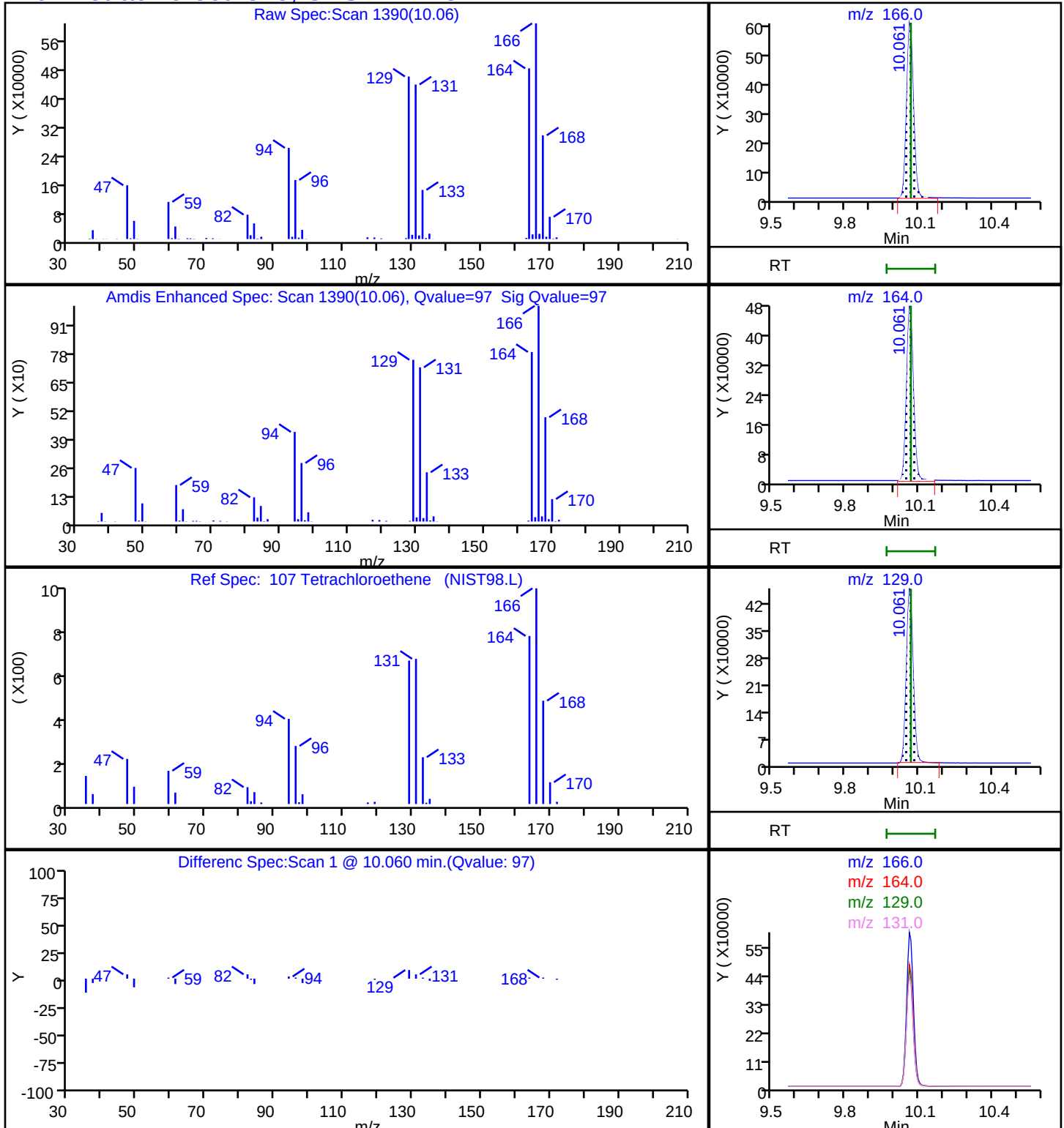
Dil. Factor: 10.0000

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-249042-1

SDG No.:

Client Sample ID: HD-QC1-0/1-2

Lab Sample ID: 410-249042-13

Matrix: Water

Lab File ID: HC30X39.D

Analysis Method: 8260D

Date Collected: 10/24/2025 00:00

Sample wt/vol: 25 (mL)

Date Analyzed: 10/30/2025 23:30

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.: 722416

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.: 410-249042-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-QC1-0/1-2 Lab Sample ID: 410-249042-13

Matrix: Water Lab File ID: HC30X39.D

Analysis Method: 8260D Date Collected: 10/24/2025 00:00

Sample wt/vol: 25 (mL) Date Analyzed: 10/30/2025 23:30

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.: 722416 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)	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	100		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\19094\20251030-165098.b\HC30X39.D
 Lims ID: 410-249042-A-13
 Client ID: HD-QC1-0/1-2
 Sample Type: Client
 Inject. Date: 30-Oct-2025 23:30:30 ALS Bottle#: 9 Worklist Smp#: 8
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0165098-008
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 31-Oct-2025 00:06:50 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 13:47:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		2.007				ND	7
7 Vinyl chloride	62		2.111				ND	
9 Bromomethane	94		2.422				ND	
10 Chloroethane	64		2.459				ND	
17 1,1-Dichloroethene	96		3.227				ND	
19 Acetone	43		3.257				ND	
23 Carbon disulfide	76		3.513				ND	7
27 Methylene Chloride	84		3.818				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.824	3.824	0.000	24	75787	50.0	
31 Methyl tert-butyl ether	73		4.184				ND	
33 trans-1,2-Dichloroethene	96		4.202				ND	
35 1,1-Dichloroethane	63		4.854				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		6.196				ND	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.415	-0.006	93	437559	10.0	
52 1,1,1-Trichloroethane	97		6.427				ND	
56 Carbon tetrachloride	117		6.641				ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.866	6.872	-0.006	45	80506	10.0	
59 Benzene	78		6.903				ND	
60 1,2-Dichloroethane	62		6.976				ND	
* 64 Fluorobenzene (IS)	96	7.318	7.323	-0.005	99	1906526	10.0	
67 Trichloroethene	95		7.811				ND	
70 1,2-Dichloropropane	63		8.146				ND	
76 Dichlorobromomethane	83		8.500				ND	
80 cis-1,3-Dichloropropene	75		9.073				ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.256				ND	
\$ 82 Toluene-d8 (Surr)	98	9.396	9.402	-0.006	94	1953714	9.81	
84 Toluene	92		9.482				ND	
85 trans-1,3-Dichloropropene	75		9.762				ND	
87 1,1,2-Trichloroethane	97		9.975				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166		10.067				ND	
109 2-Hexanone	43		10.195				ND	
111 Chlorodibromomethane	129		10.366				ND	
112 Ethylene Dibromide	107		10.481				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.927	10.926	0.001	87	1411799	10.0	
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		11.164				ND	
S 119 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.499				ND	
121 Styrene	104		11.512				ND	
122 Bromoform	173		11.670				ND	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	706512	9.87	
127 1,1,2,2-Tetrachloroethane	83		12.054				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	765608	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: 31-Oct-2025 13:47:44

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X39.D

Injection Date: 30-Oct-2025 23:30:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: 410-249042-A-13

Lab Sample ID: 410-249042-13

Worklist Smp#: 8

Client ID: HD-QC1-0/1-2

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

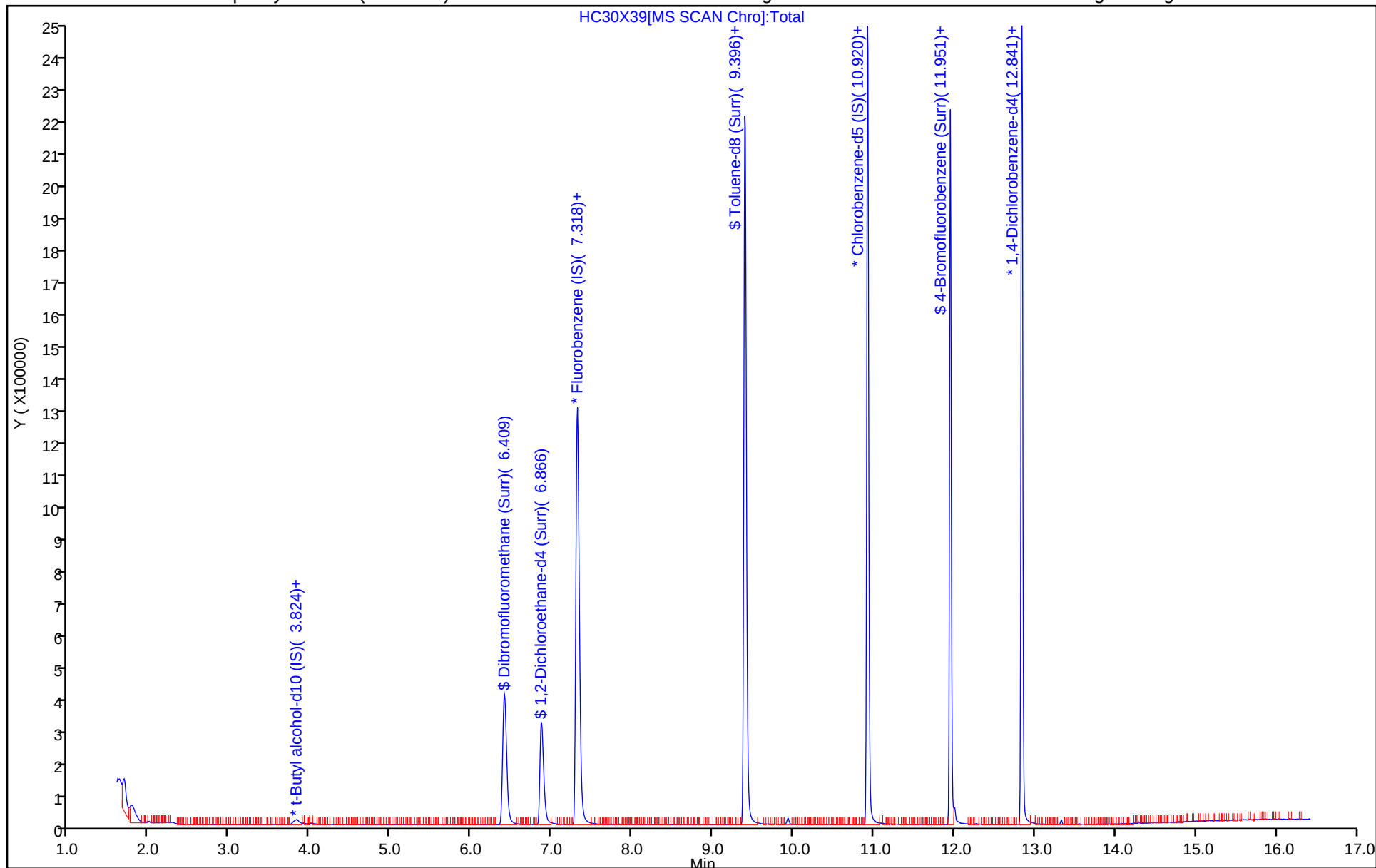
ALS Bottle#: 9

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\20251030-165098.b\HC30X39.D
Lims ID: 410-249042-A-13
Client ID: HD-QC1-0/1-2
Sample Type: Client
Inject. Date: 30-Oct-2025 23:30:30 ALS Bottle#: 9 Worklist Smp#: 8
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0165098-008
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 31-Oct-2025 00:06:50 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 13:47:43

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	10.0	100.26
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.0	100.00
\$ 82 Toluene-d8 (Surr)	10.0	9.81	98.12
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.87	98.67

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1 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.: 410-249042-1 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.: 410-249042-1 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

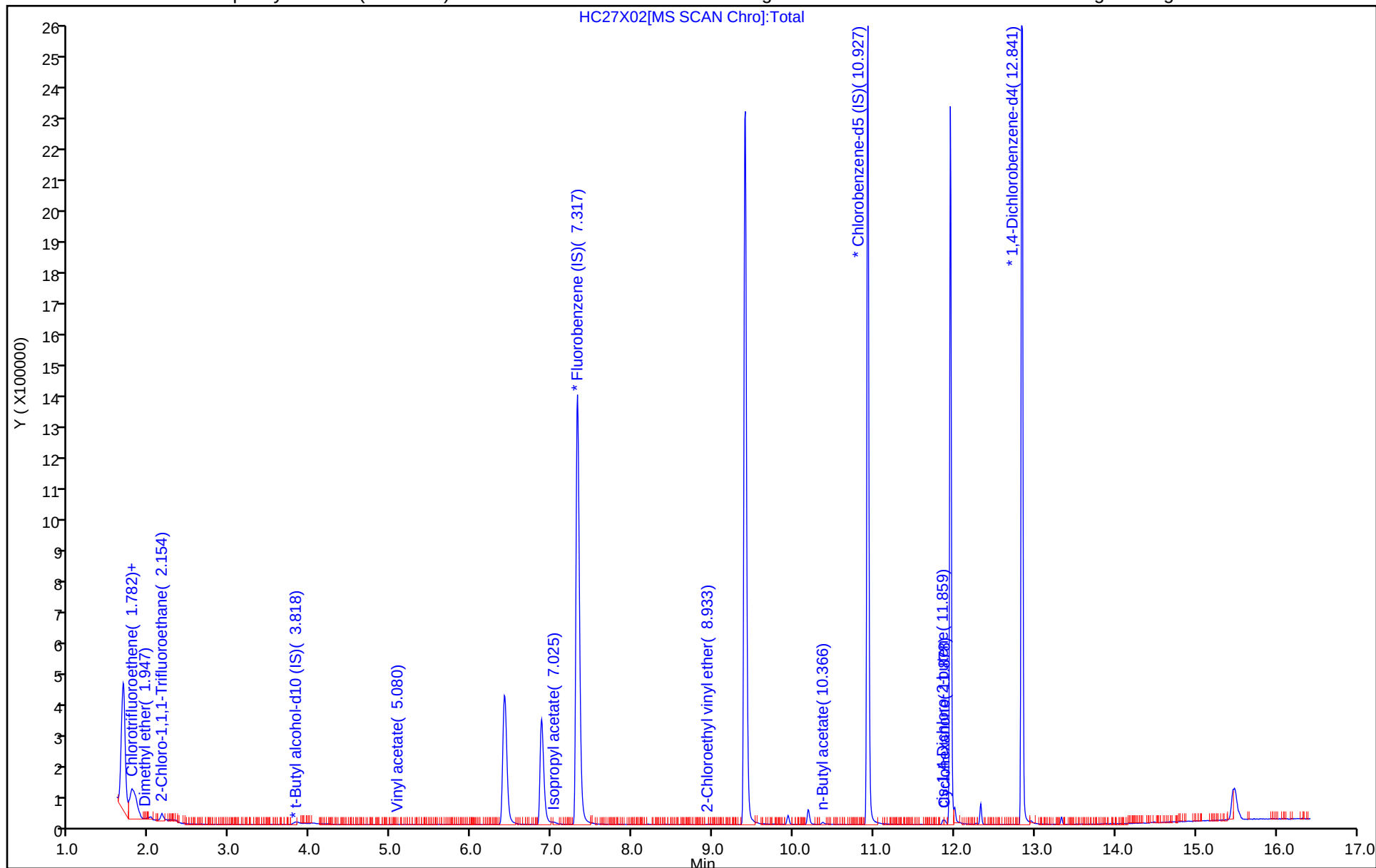
ALS Bottle#: 2

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

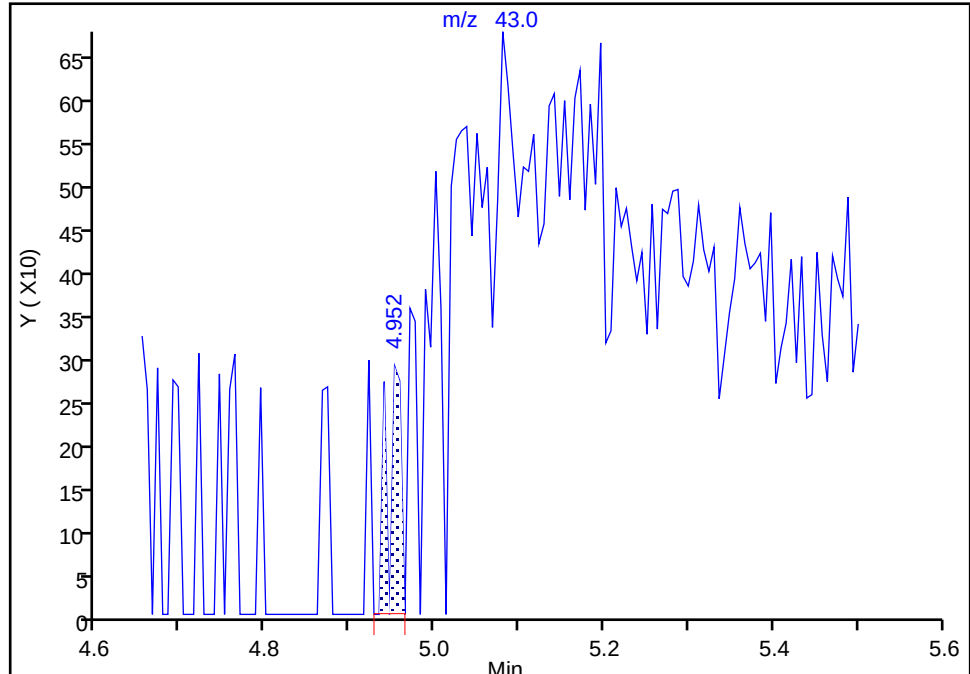
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X02.D
Injection Date: 27-Oct-2025 14:37:30 Instrument ID: 19094
Lims ID: IC std1 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

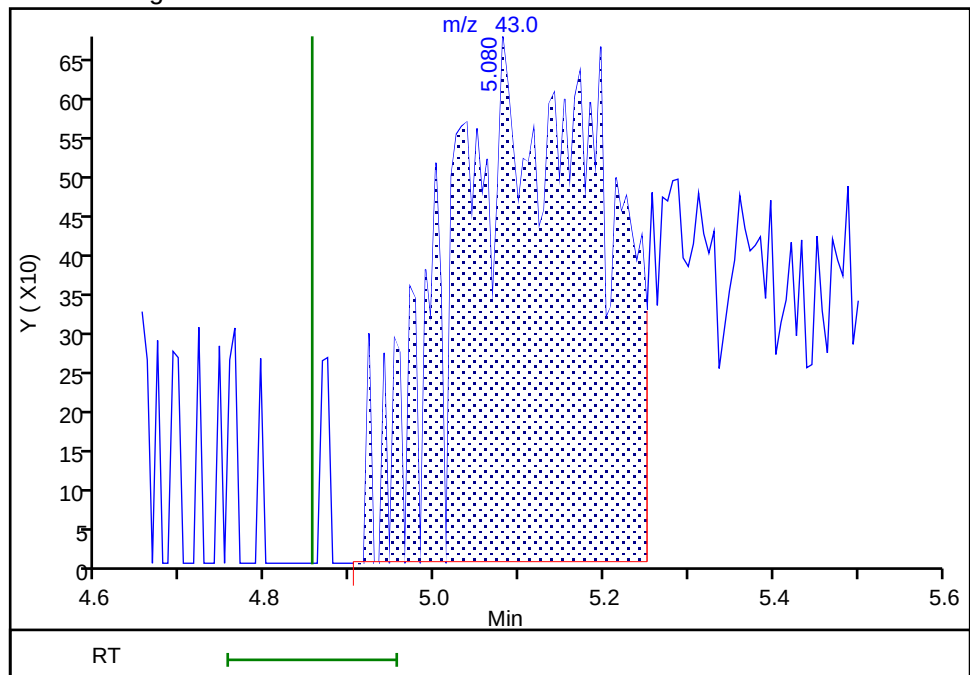
RT: 4.95
Area: 303
Amount: 0.242448
Amount Units: ug/l

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

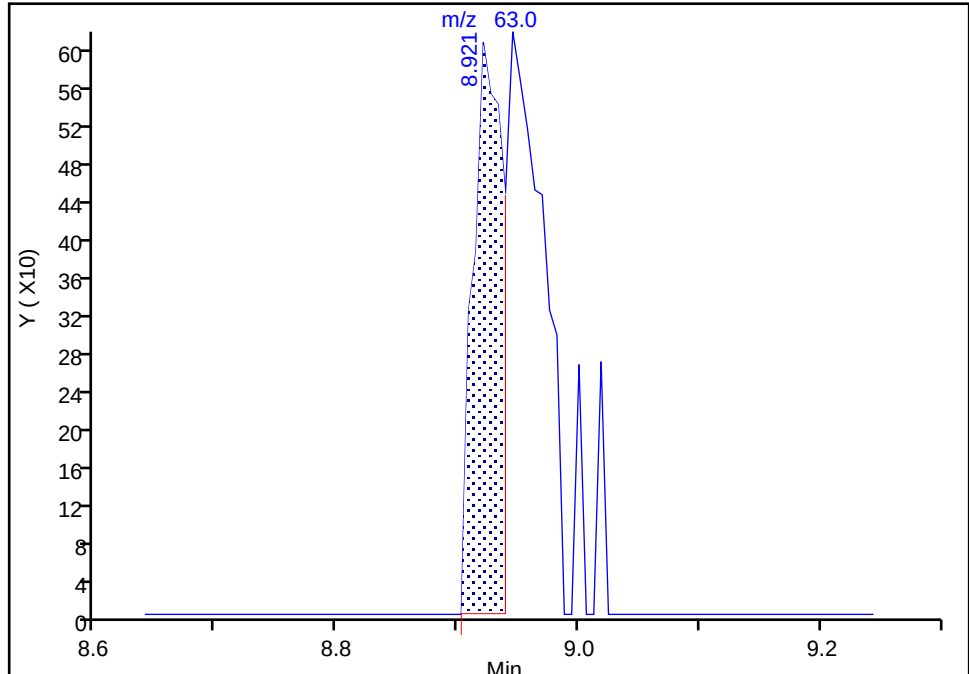
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X02.D
Injection Date: 27-Oct-2025 14:37:30 Instrument ID: 19094
Lims ID: IC std1 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) MS Quad

78 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

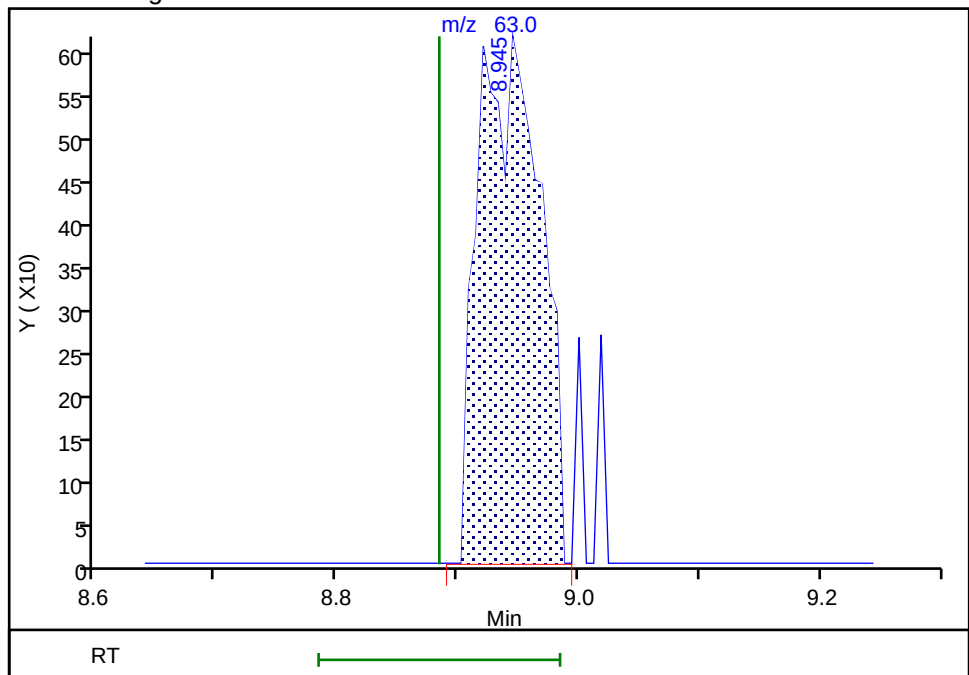
RT: 8.92
Area: 1032
Amount: 0.290657
Amount Units: ug/l

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:

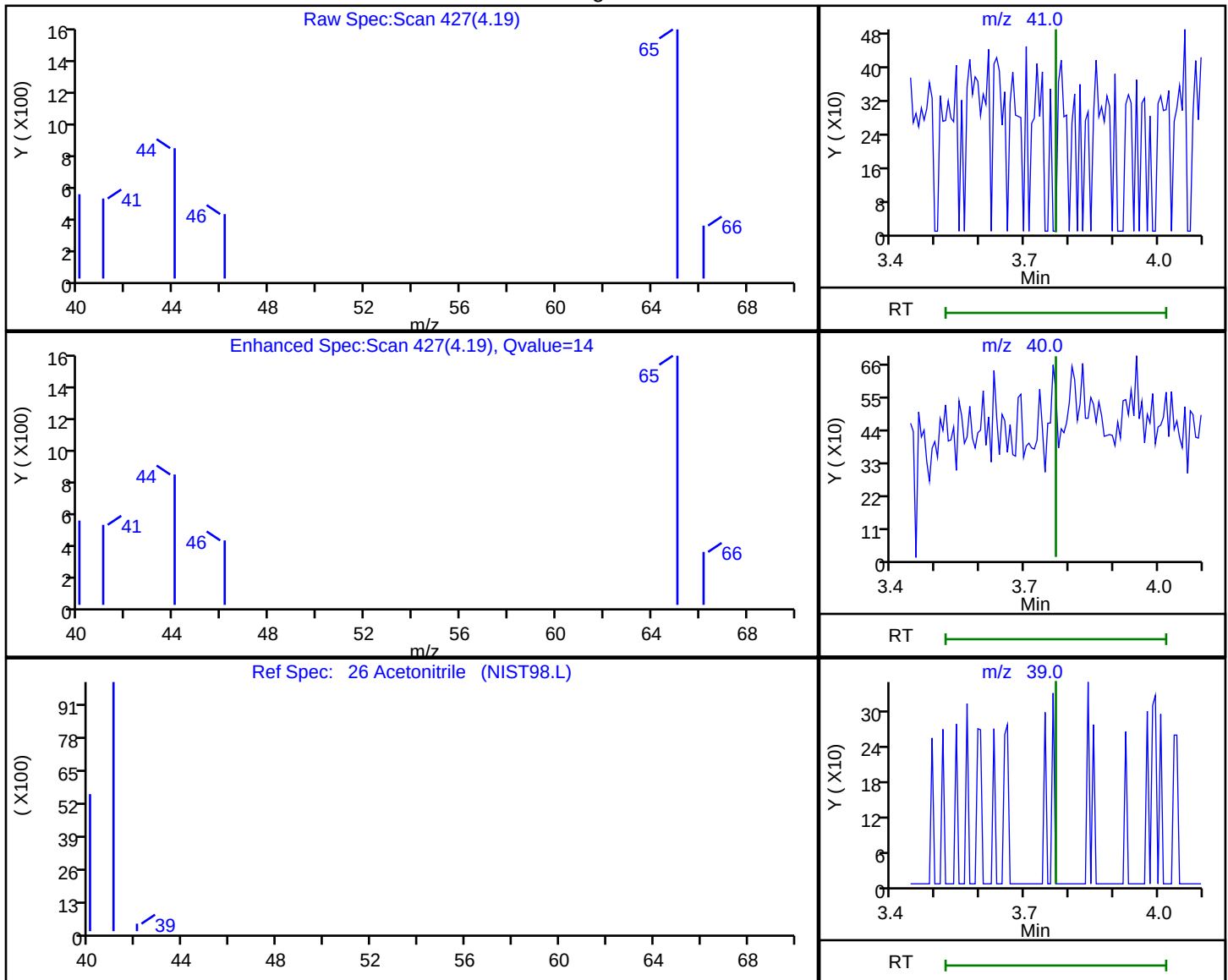
MSV - 8260C_D

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

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:

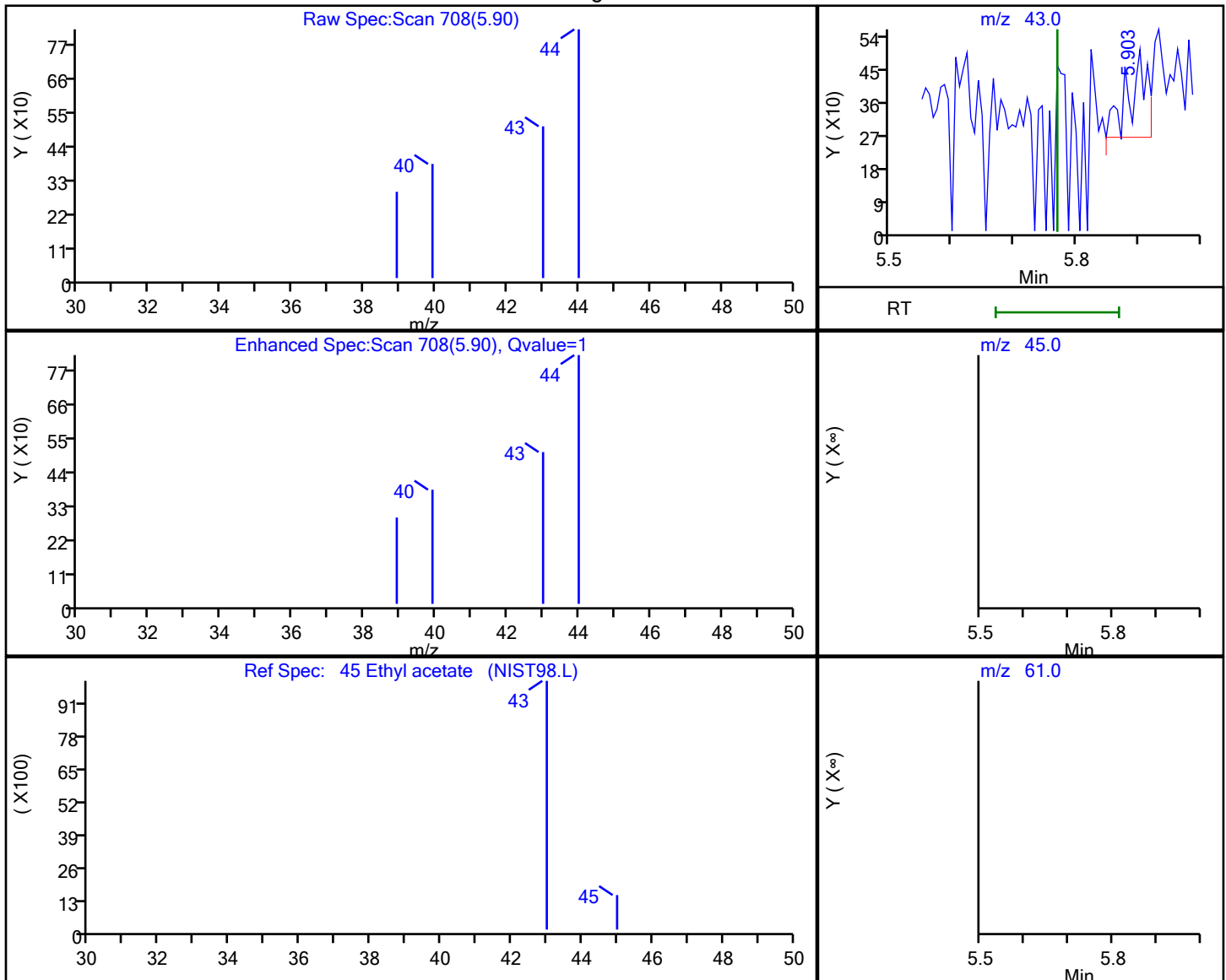
MSV - 8260C_D

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

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

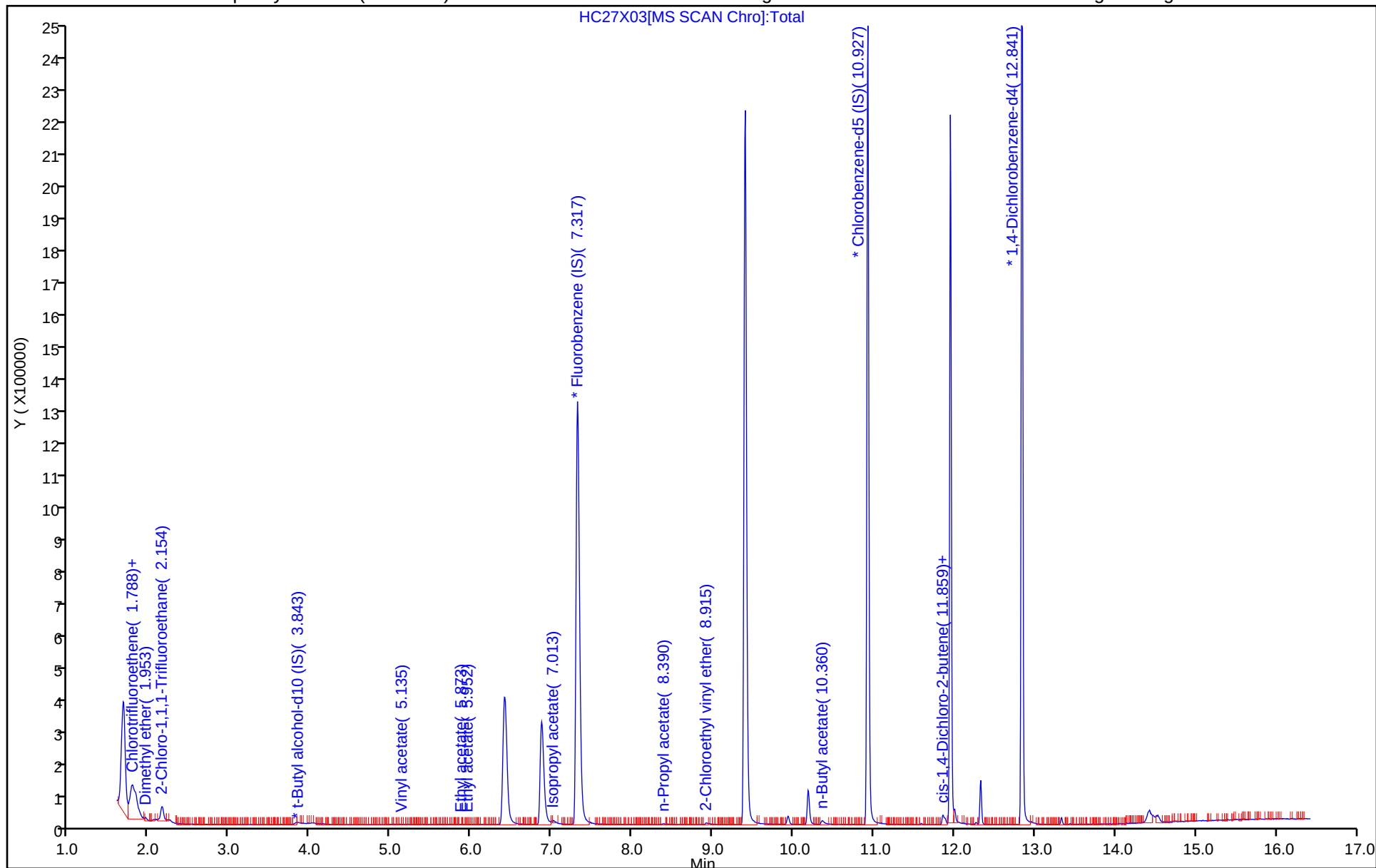
ALS Bottle#: 3

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

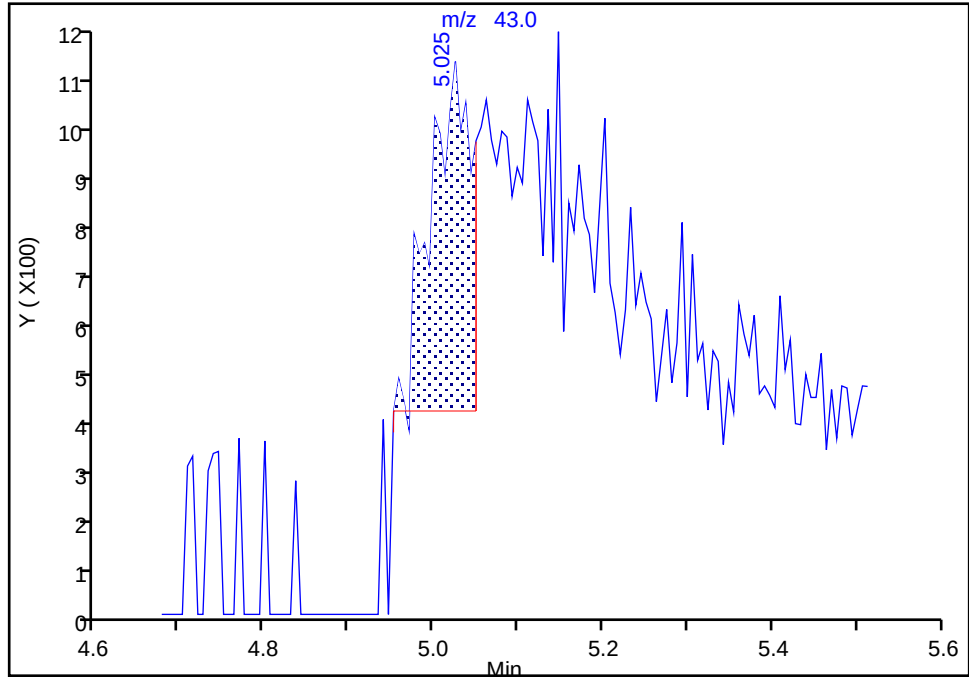
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X03.D
Injection Date: 27-Oct-2025 14:57:30 Instrument ID: 19094
Lims ID: IC std2 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

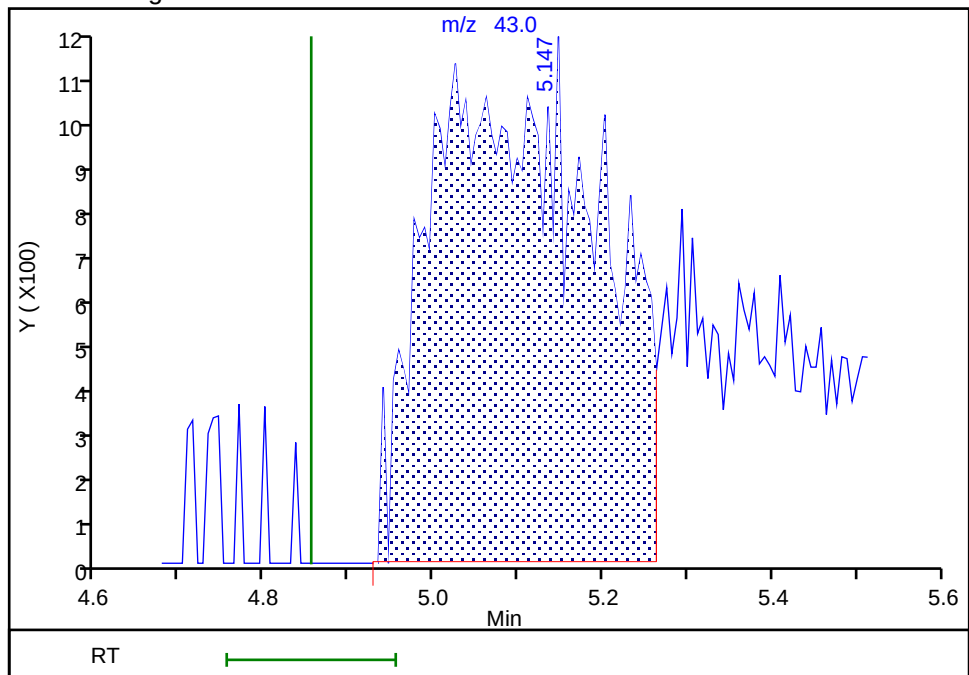
RT: 5.03
Area: 2245
Amount: 0.072552
Amount Units: ug/l

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

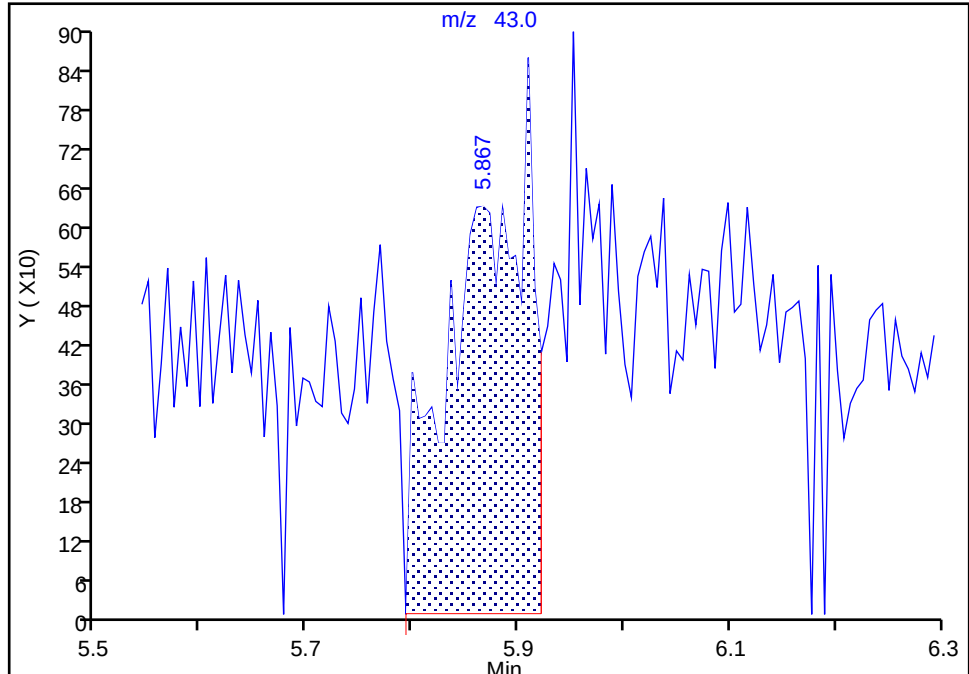
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X03.D
Injection Date: 27-Oct-2025 14:57:30 Instrument ID: 19094
Lims ID: IC std2 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

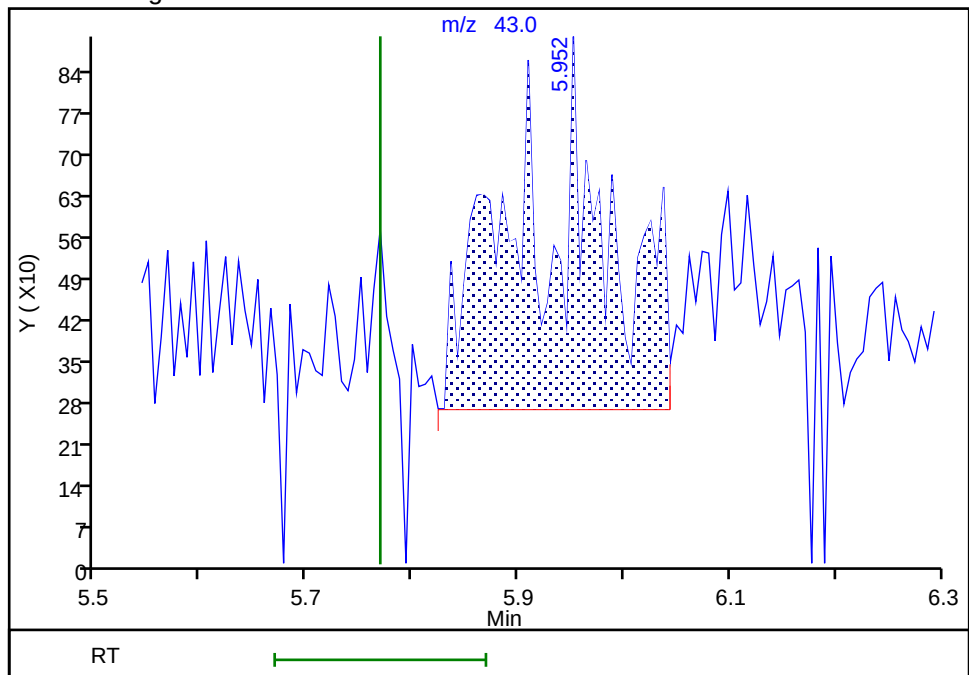
RT: 5.87
Area: 3698
Amount: 0.334861
Amount Units: ug/l

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

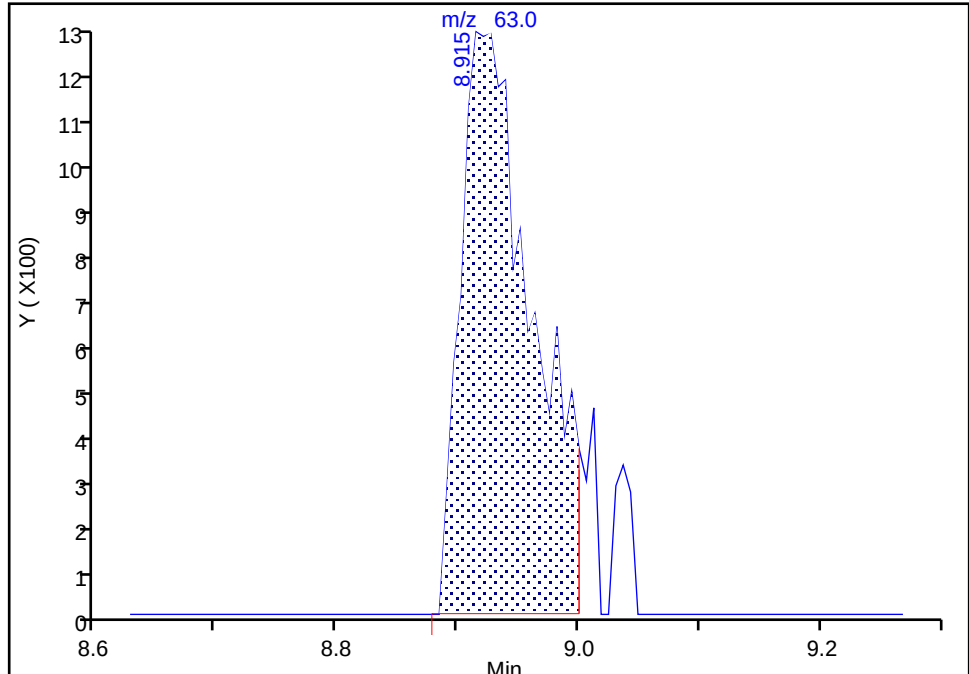
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X03.D
Injection Date: 27-Oct-2025 14:57:30 Instrument ID: 19094
Lims ID: IC std2 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 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

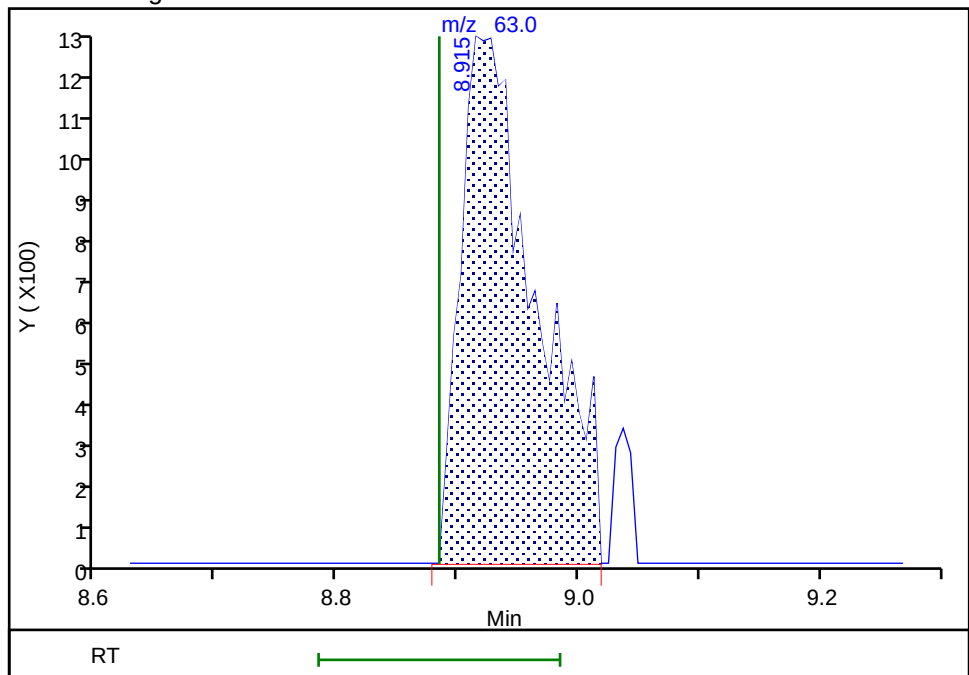
RT: 8.91
Area: 5107
Amount: 0.532917
Amount Units: ug/l

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:

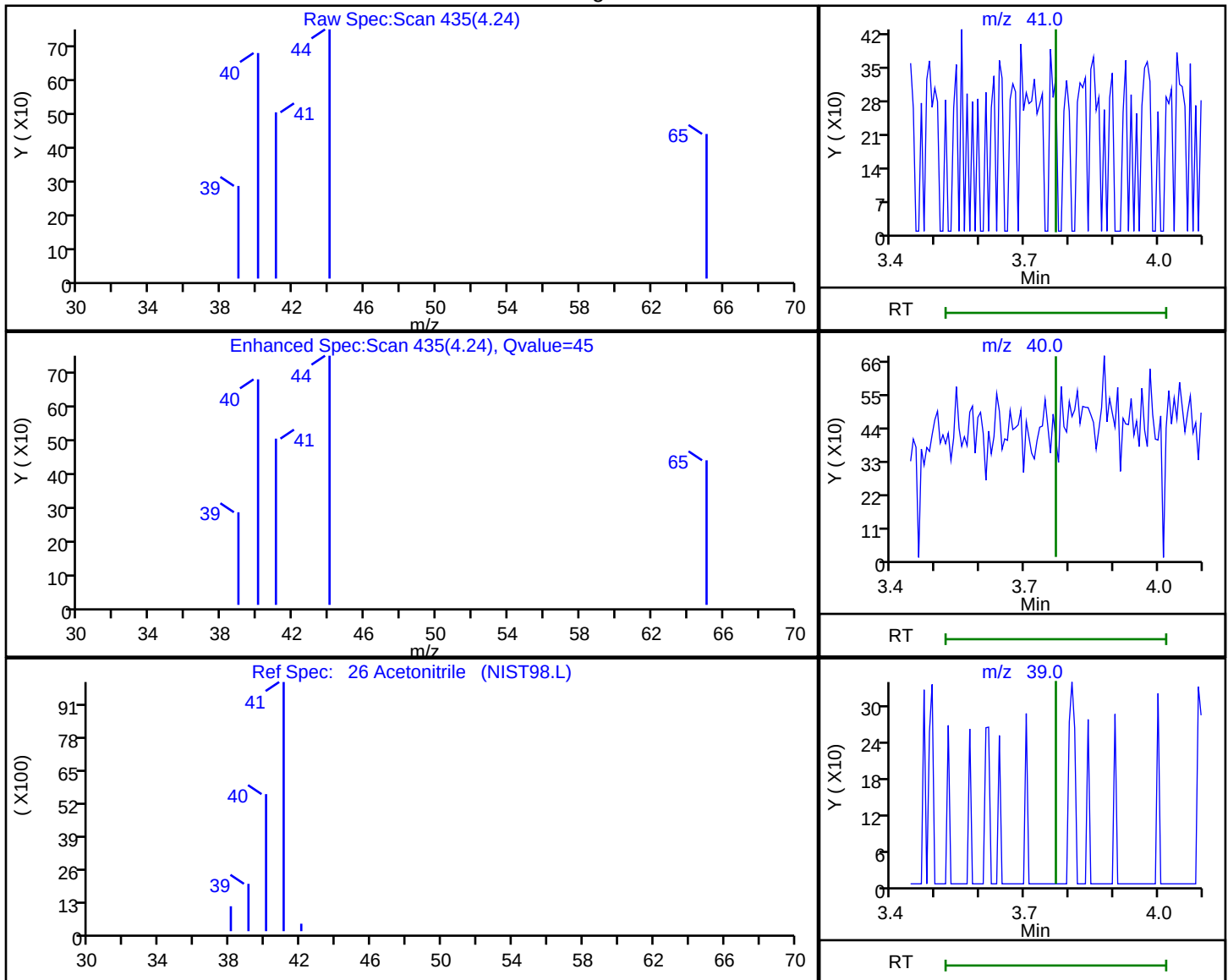
MSV - 8260C_D

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

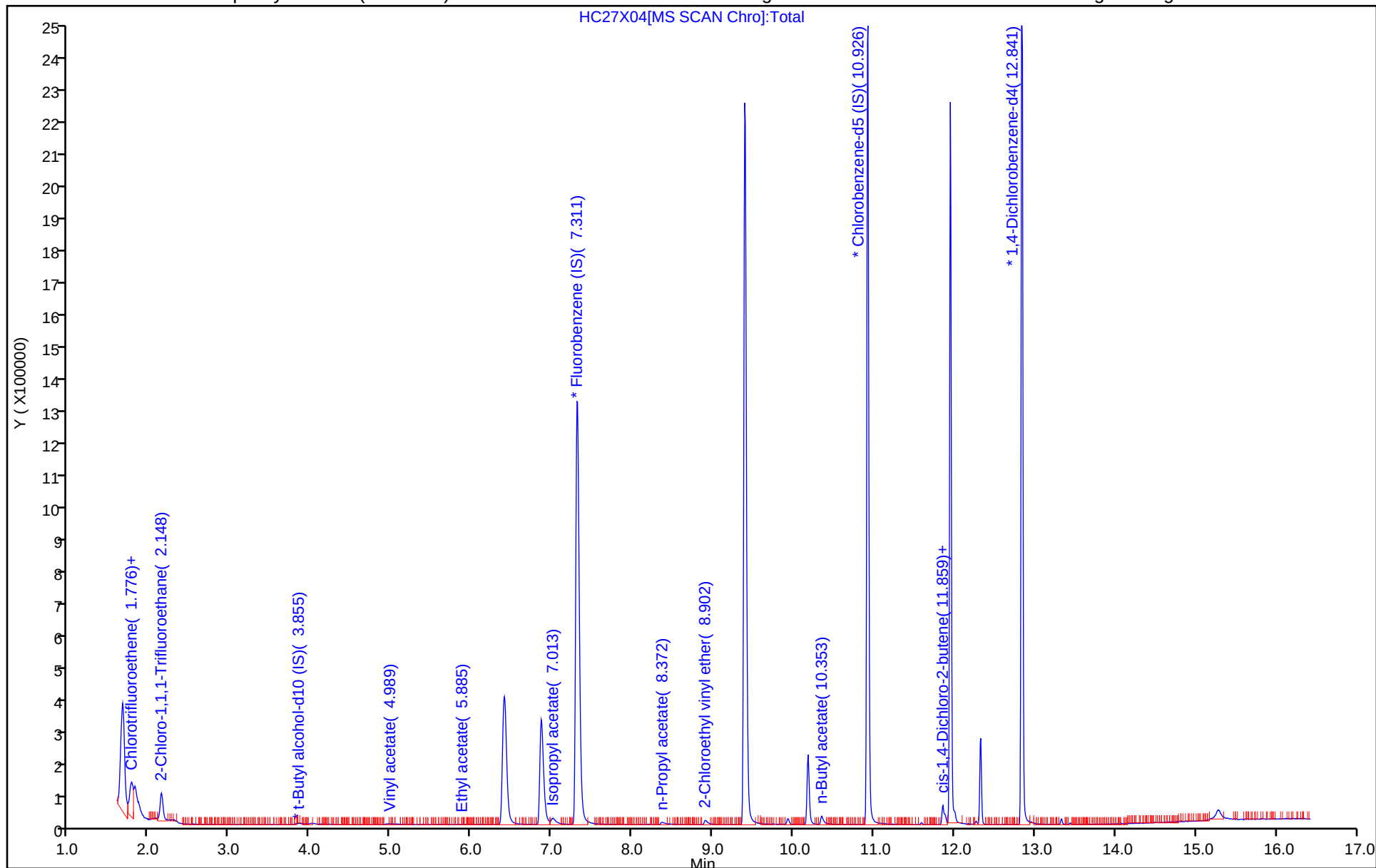
ALS Bottle#: 4

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

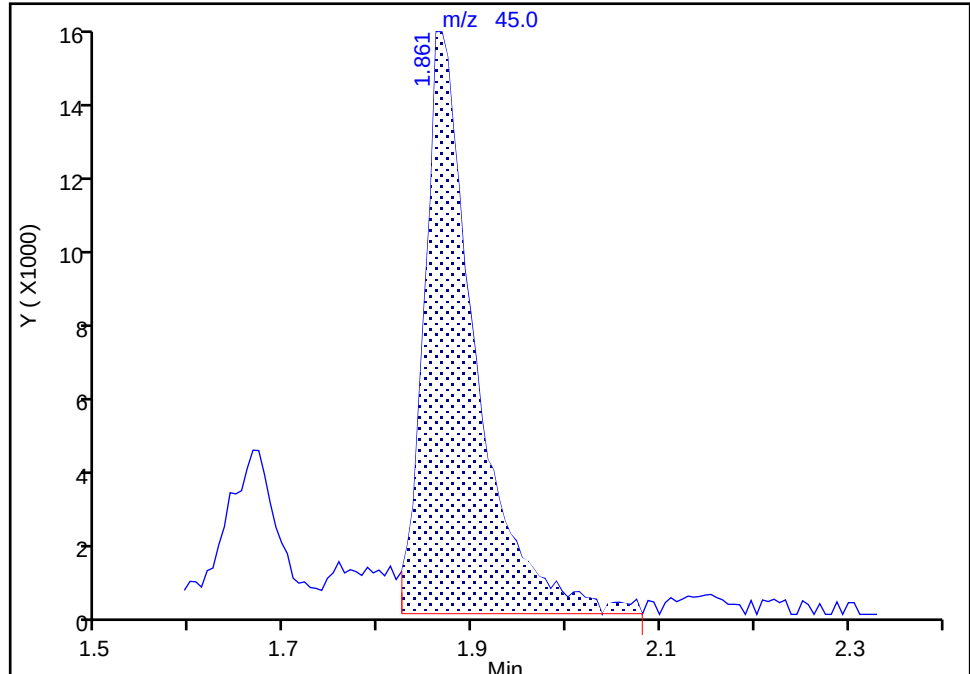
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X04.D
Injection Date: 27-Oct-2025 15:18:30 Instrument ID: 19094
Lims ID: IC std3 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

4 Dimethyl ether, CAS: 115-10-6

Signal: 1

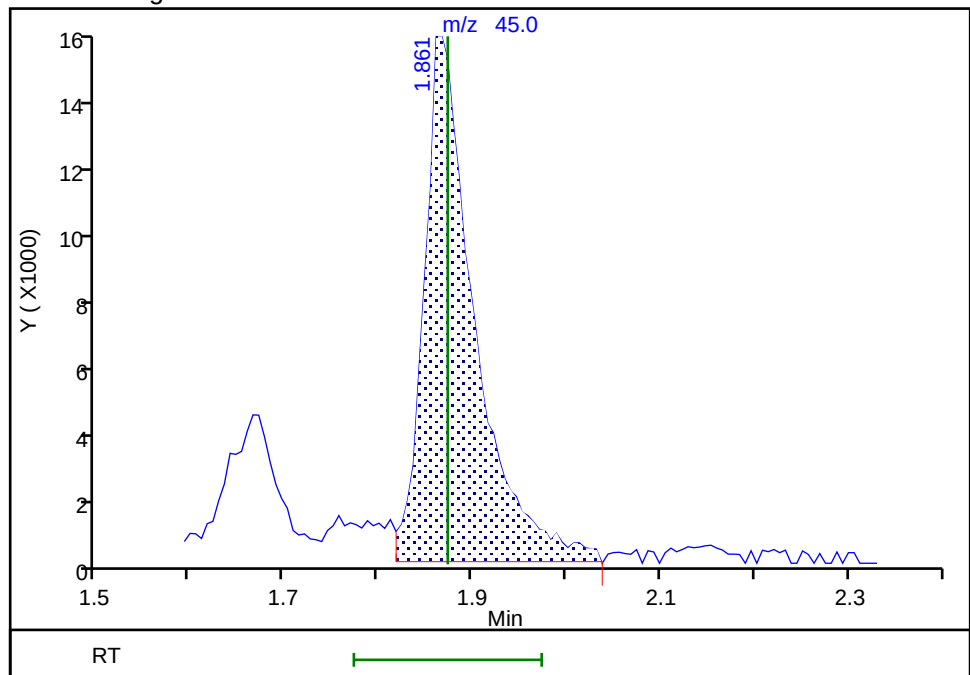
RT: 1.86
Area: 60012
Amount: 0.908112
Amount Units: ug/l

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

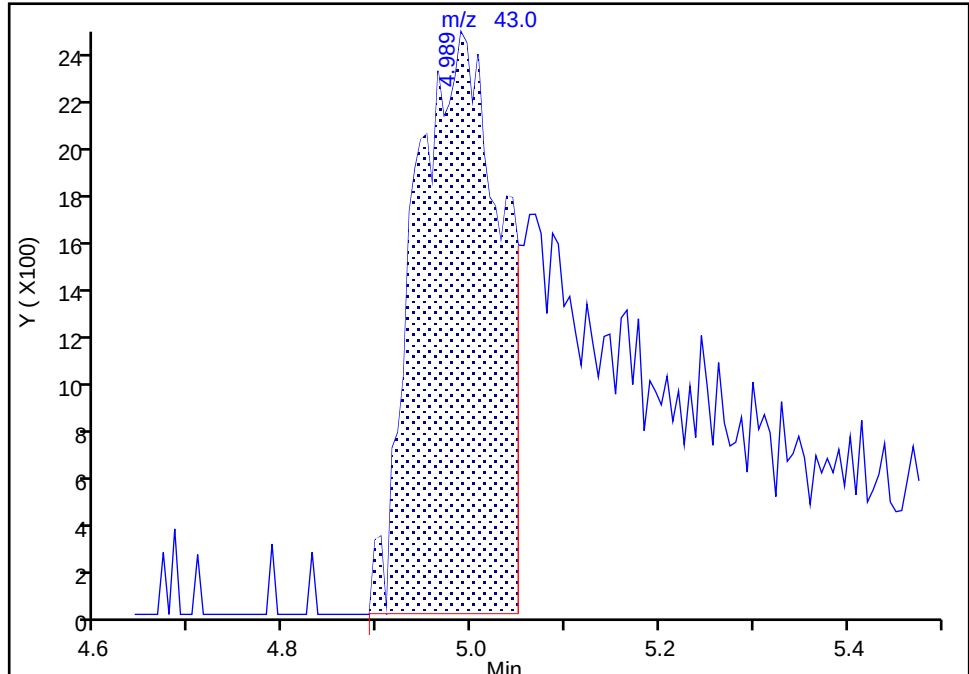
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X04.D
Injection Date: 27-Oct-2025 15:18:30 Instrument ID: 19094
Lims ID: IC std3 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

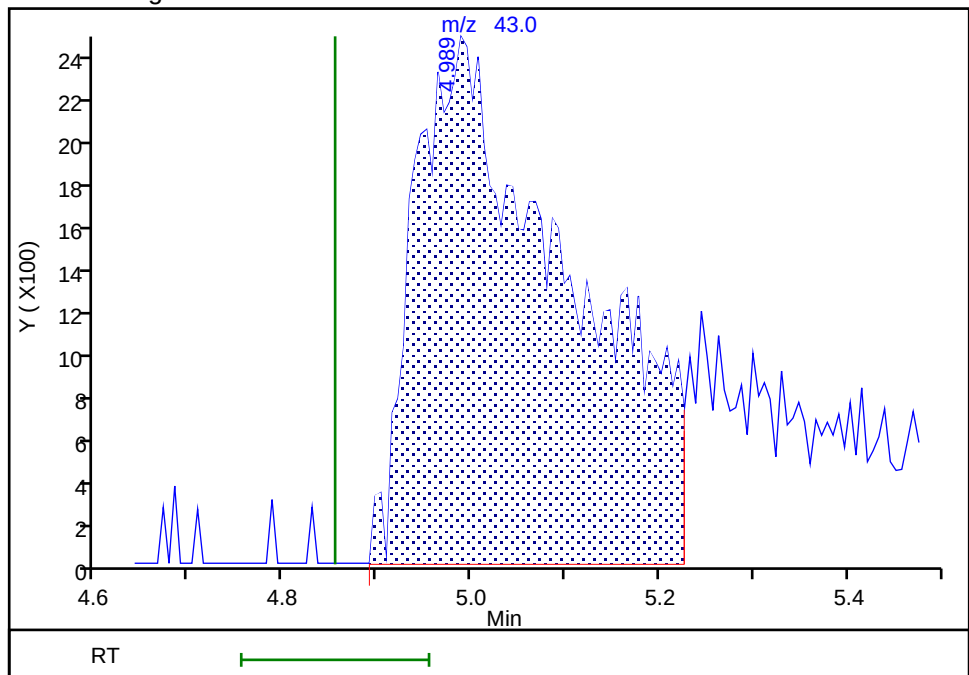
RT: 4.99
Area: 15760
Amount: 0.553985
Amount Units: ug/l

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

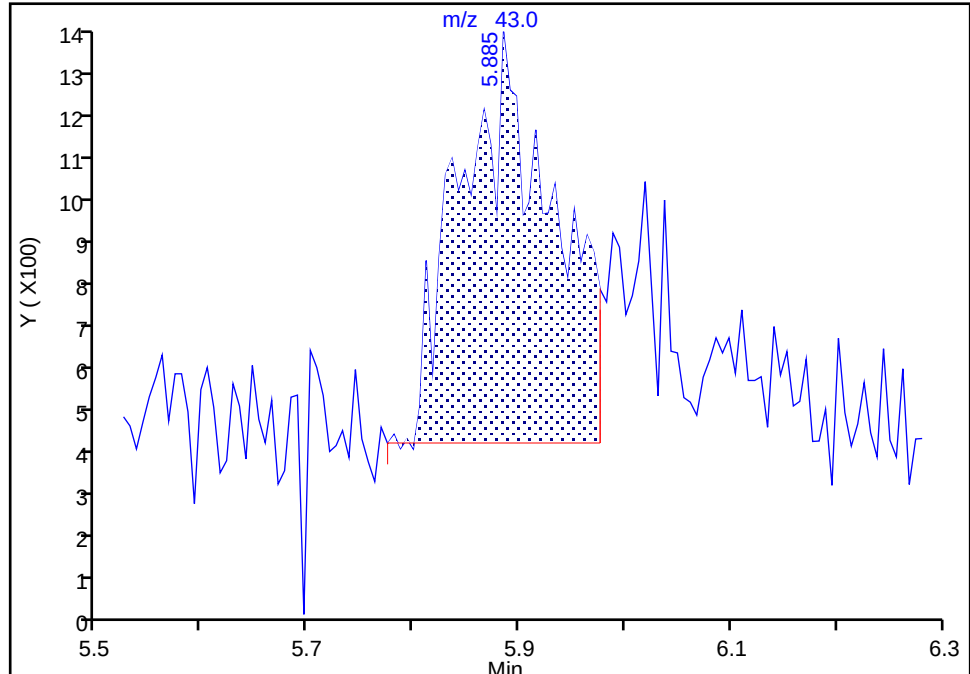
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X04.D
Injection Date: 27-Oct-2025 15:18:30 Instrument ID: 19094
Lims ID: IC std3 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

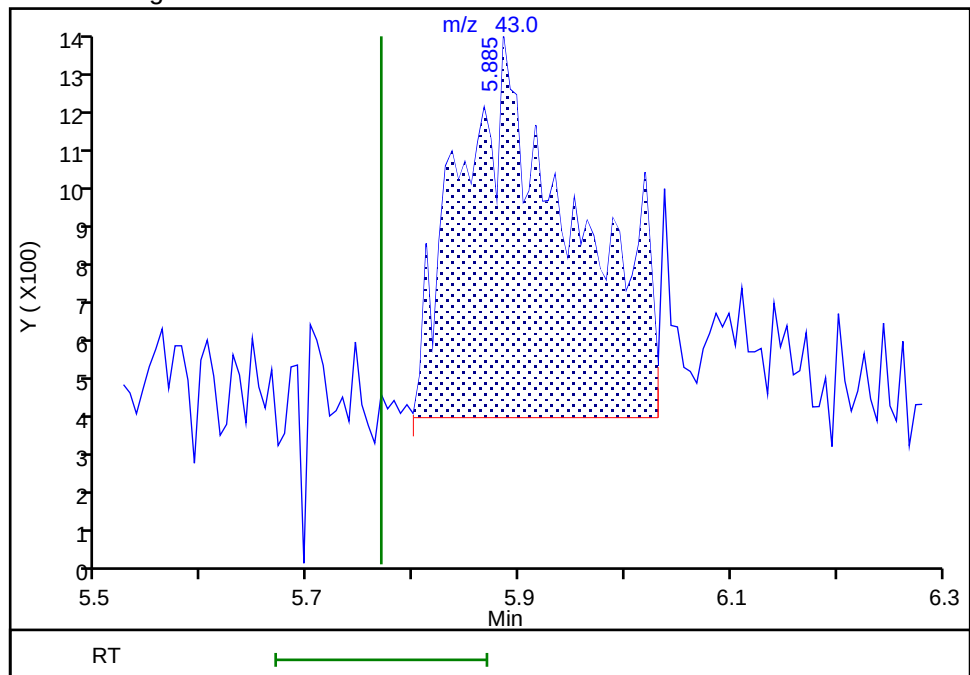
RT: 5.88
Area: 6034
Amount: 0.561625
Amount Units: ug/l

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

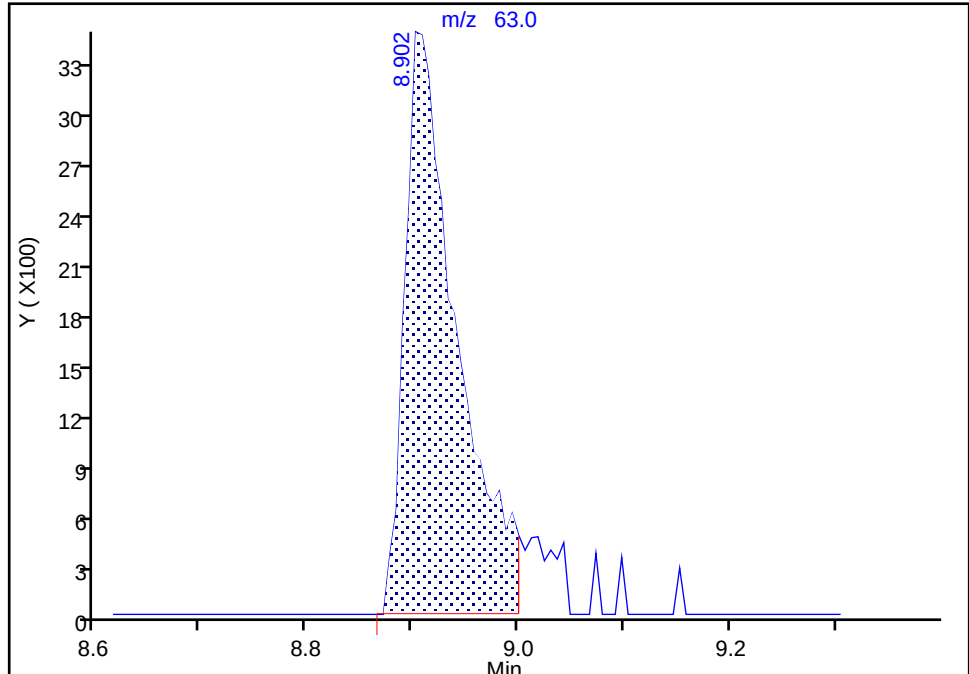
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X04.D
Injection Date: 27-Oct-2025 15:18:30 Instrument ID: 19094
Lims ID: IC std3 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 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

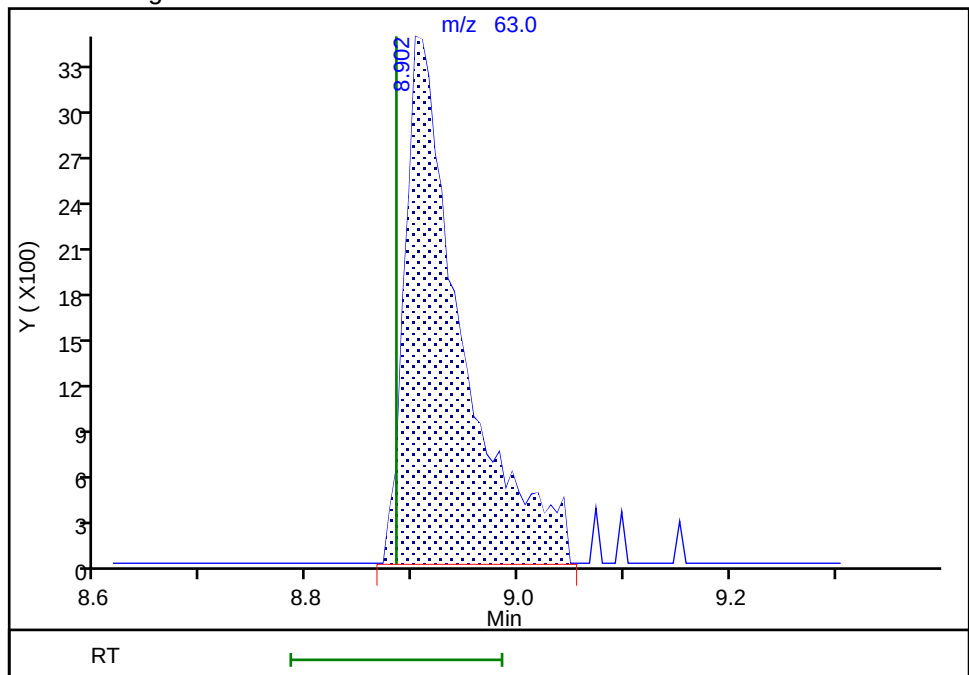
RT: 8.90
Area: 11737
Amount: 0.871847
Amount Units: ug/l

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

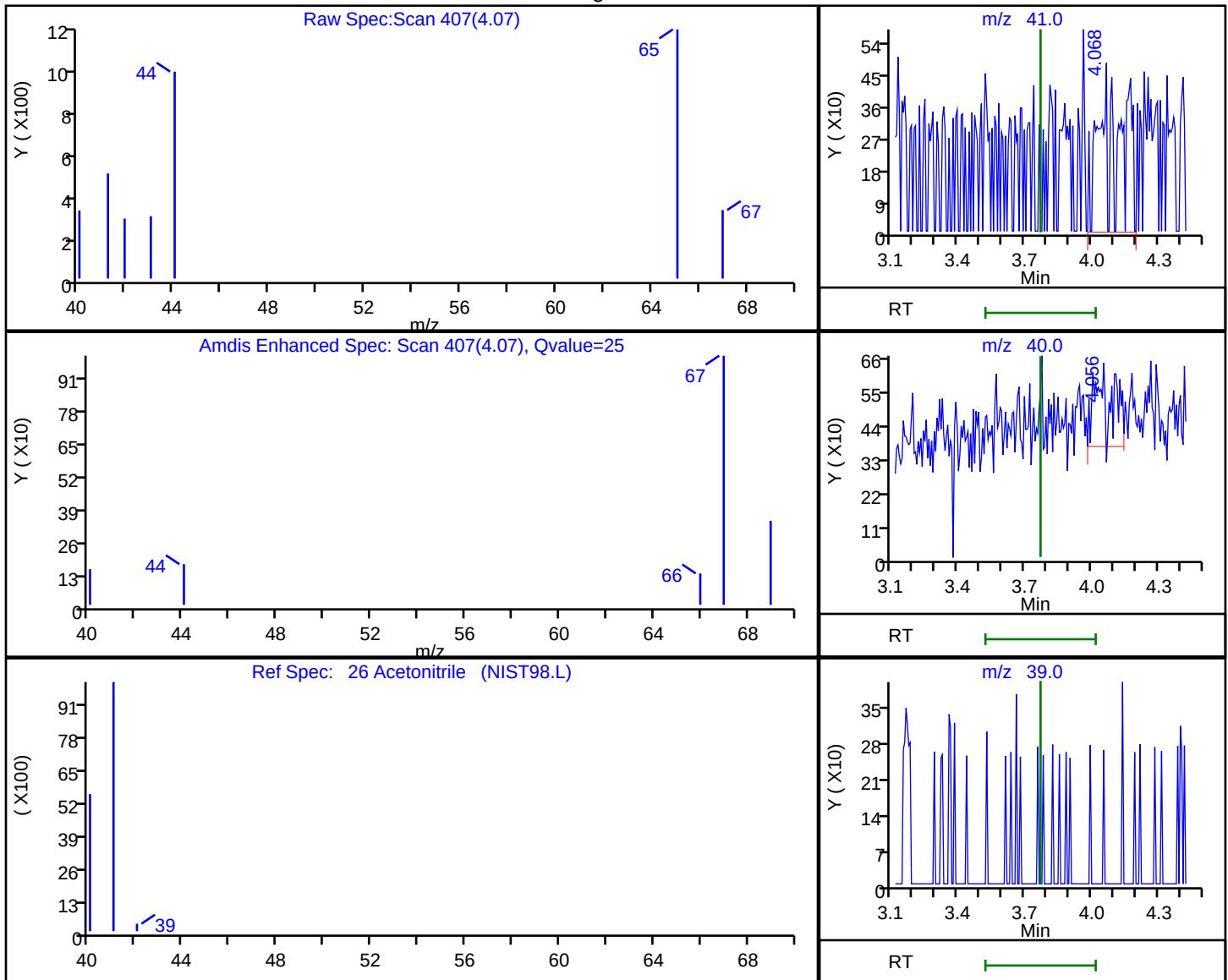
Audit Reason: Incomplete Integration

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 ID) 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

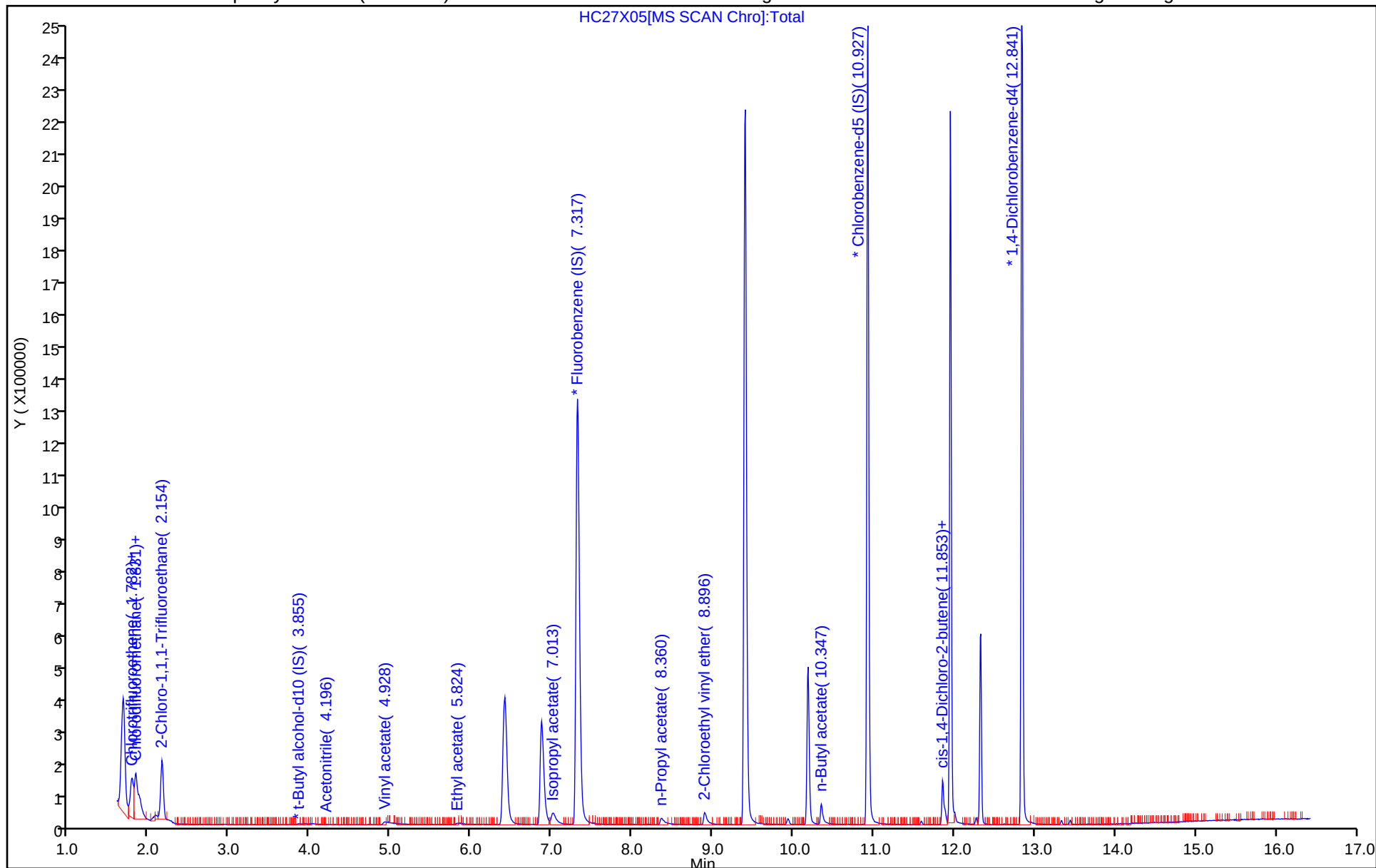
ALS Bottle#: 5

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

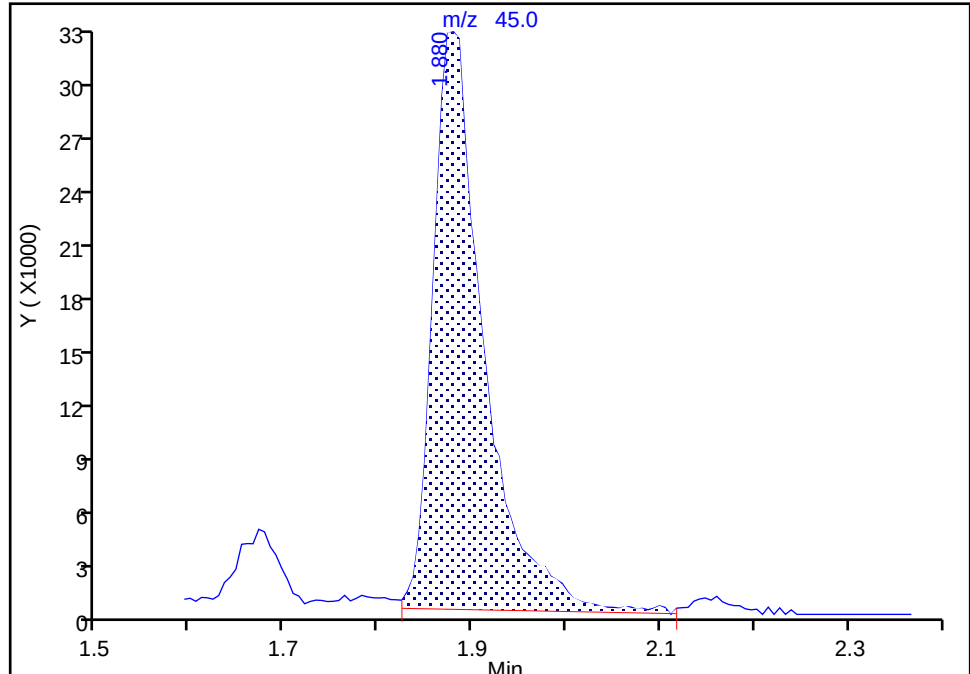
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X05.D
Injection Date: 27-Oct-2025 15:38:30 Instrument ID: 19094
Lims ID: IC std4 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

4 Dimethyl ether, CAS: 115-10-6

Signal: 1

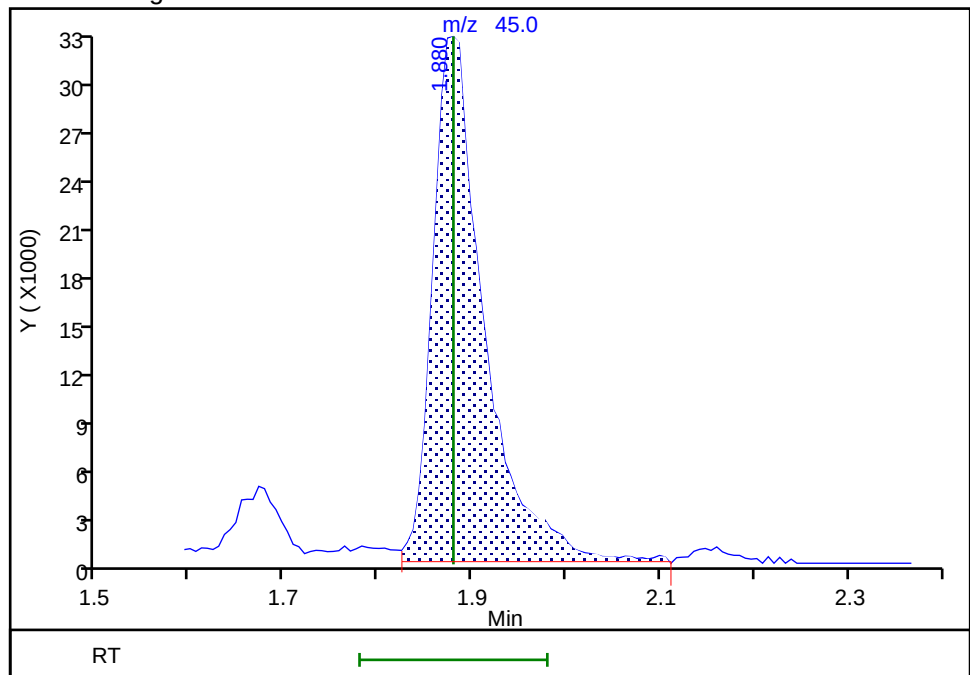
RT: 1.88
Area: 122654
Amount: 1.855199
Amount Units: ug/l

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

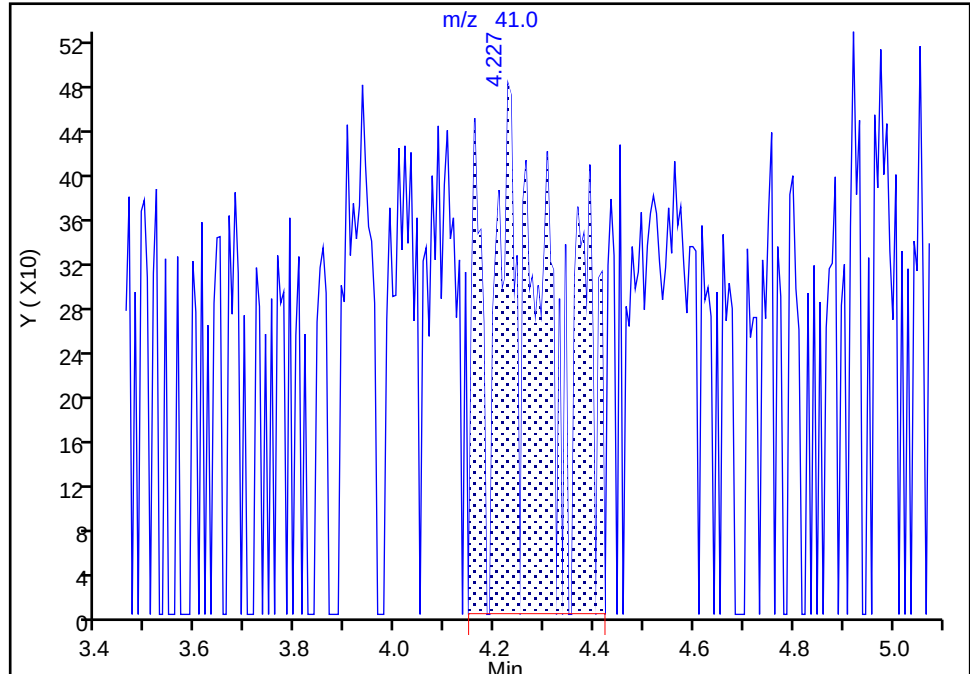
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Injection Date: 27-Oct-2025 15:38:30 Instrument ID: 19094
Lims ID: IC std4 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

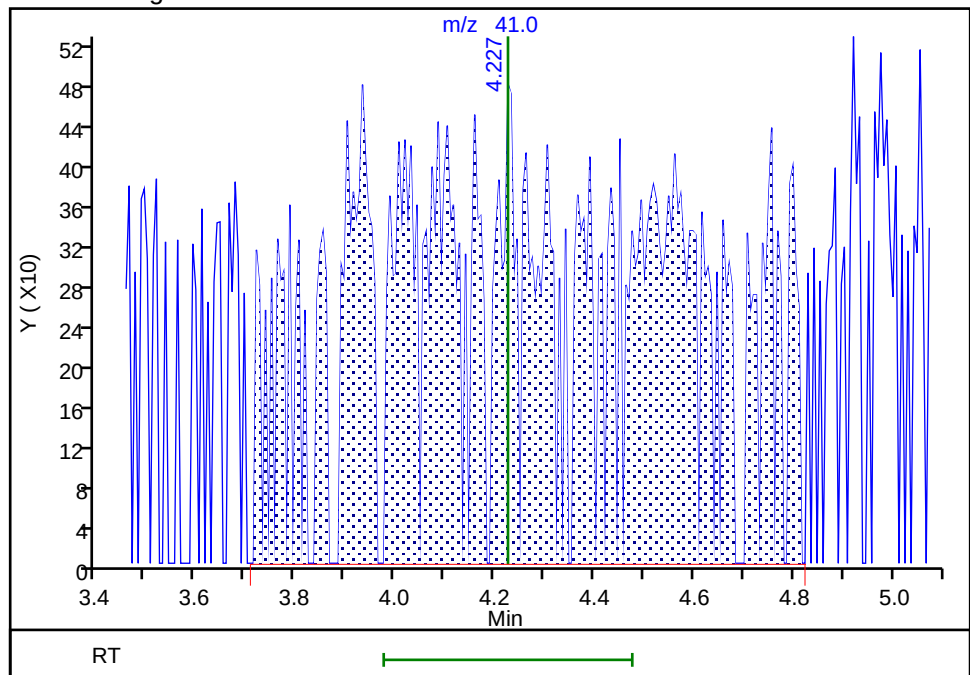
RT: 4.23
Area: 4353
Amount: 4.123768
Amount Units: ug/l

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

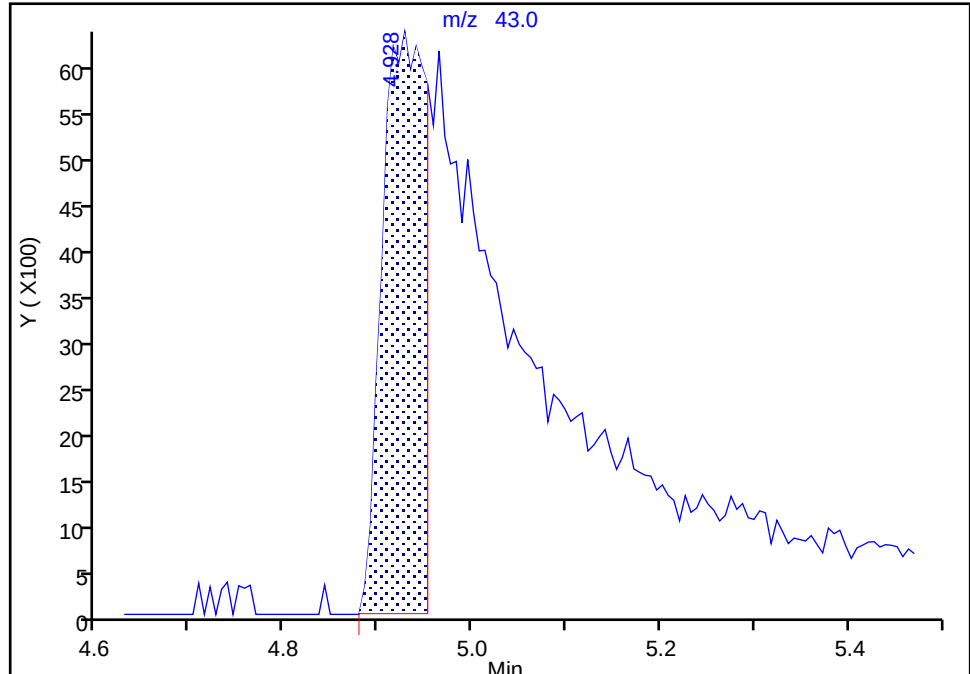
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X05.D
Injection Date: 27-Oct-2025 15:38:30 Instrument ID: 19094
Lims ID: IC std4 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

36 Vinyl acetate, CAS: 108-05-4

Signal: 1

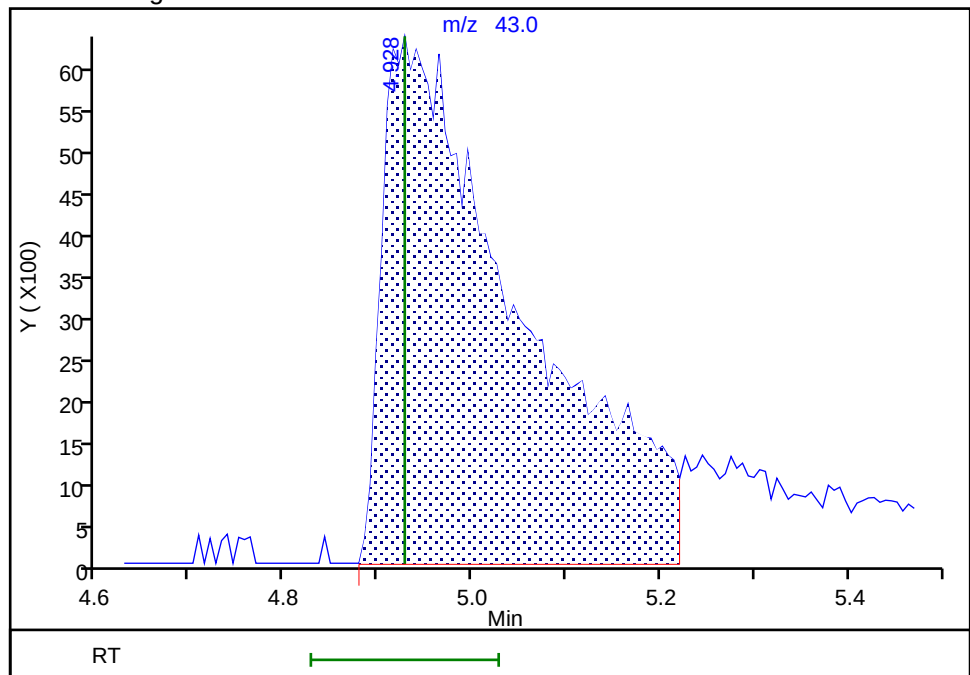
RT: 4.93
Area: 20277
Amount: 0.798998
Amount Units: ug/l

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

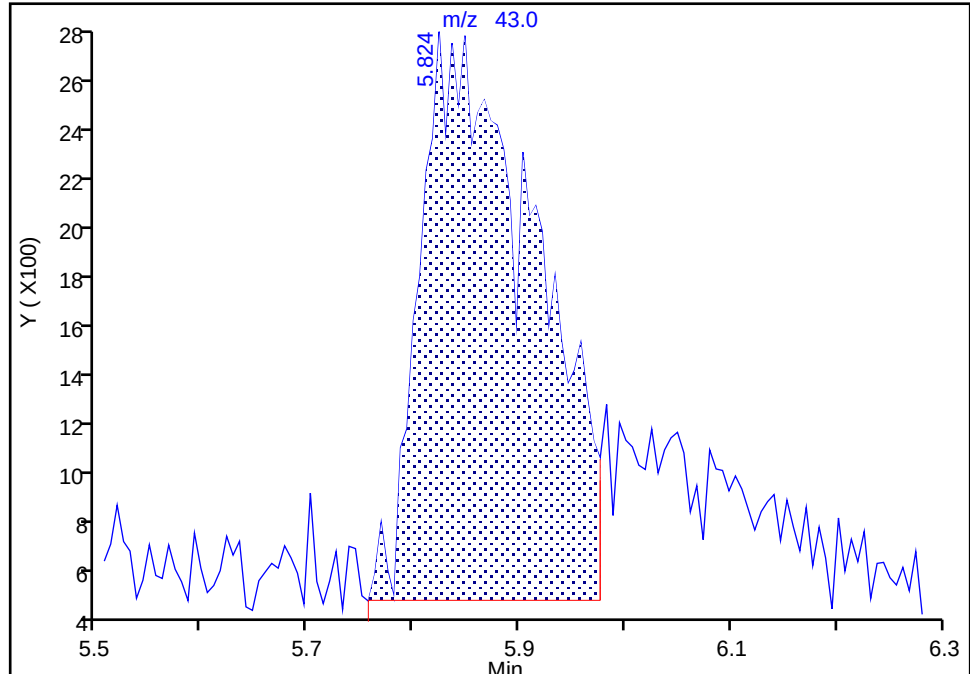
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Injection Date: 27-Oct-2025 15:38:30 Instrument ID: 19094
Lims ID: IC std4 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

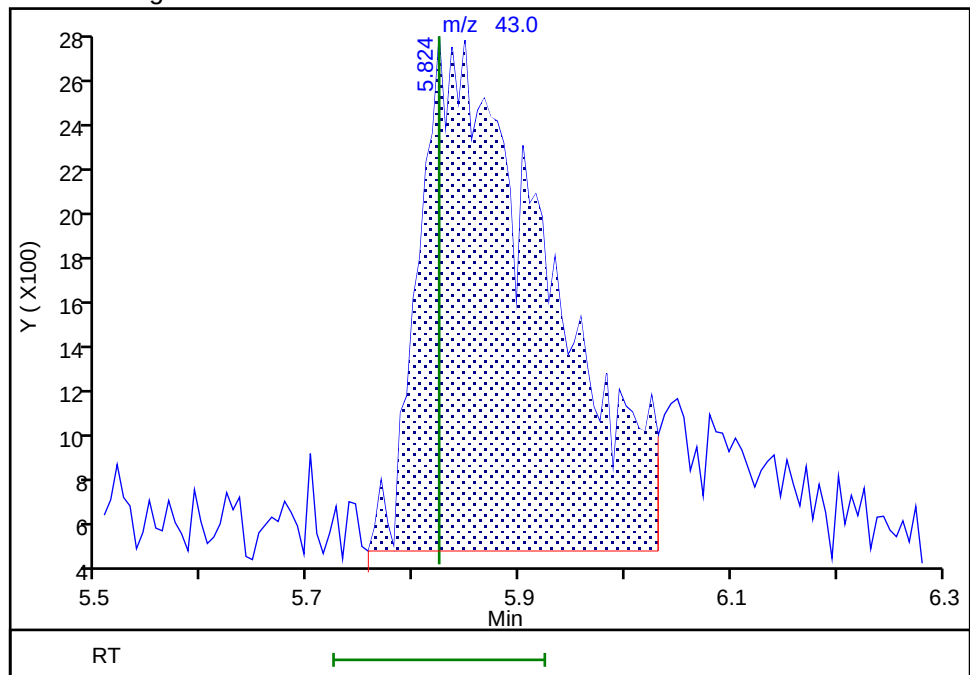
RT: 5.82
Area: 17170
Amount: 1.613858
Amount Units: ug/l

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

Report Date: 29-Oct-2025 10:16:53

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\HC27X06.D

Injection Date: 27-Oct-2025 15:59:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: IC std5 5

Worklist Smp#: 7

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

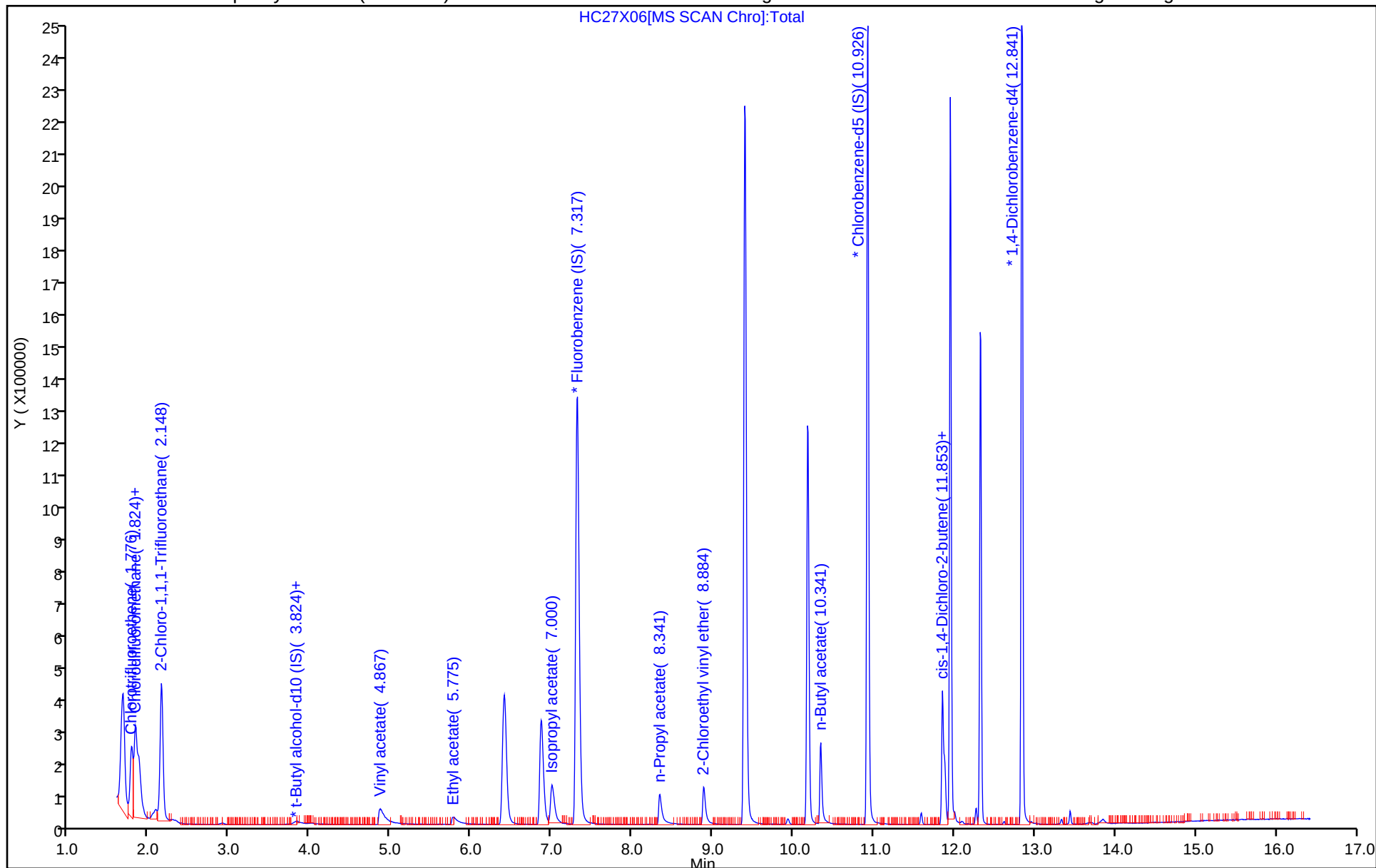
ALS Bottle#: 6

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

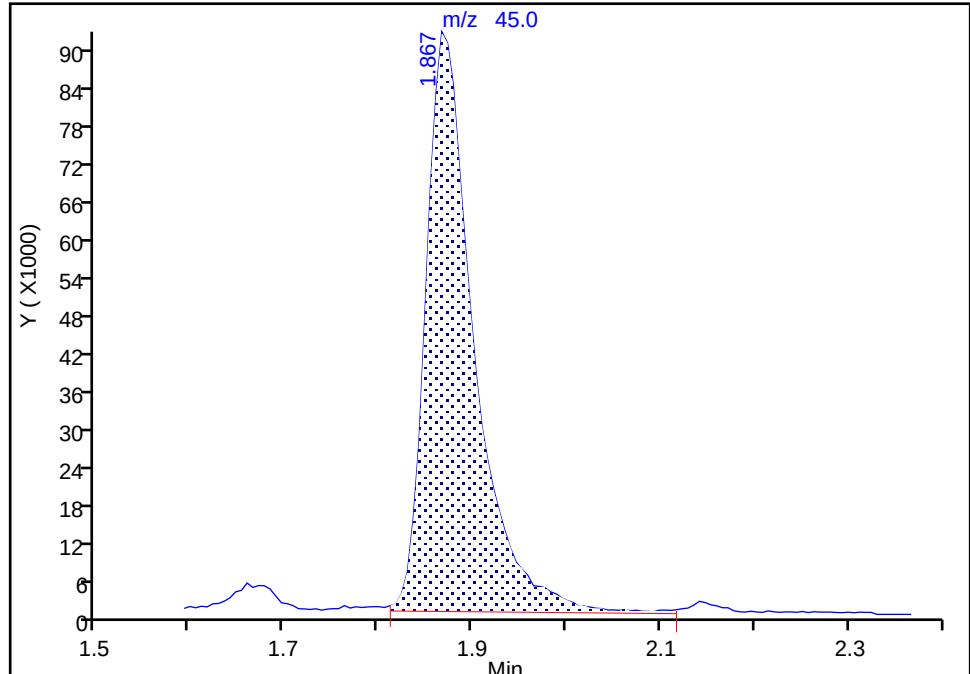
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X06.D
Injection Date: 27-Oct-2025 15:59:30 Instrument ID: 19094
Lims ID: IC std5 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

4 Dimethyl ether, CAS: 115-10-6

Signal: 1

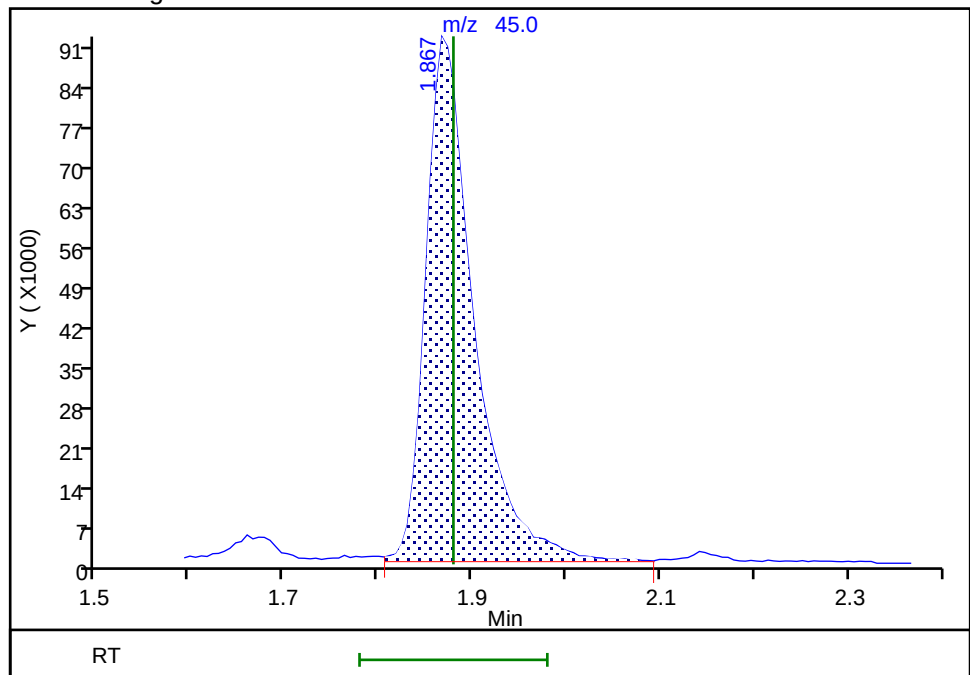
RT: 1.87
Area: 330616
Amount: 5.008437
Amount Units: ug/l

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

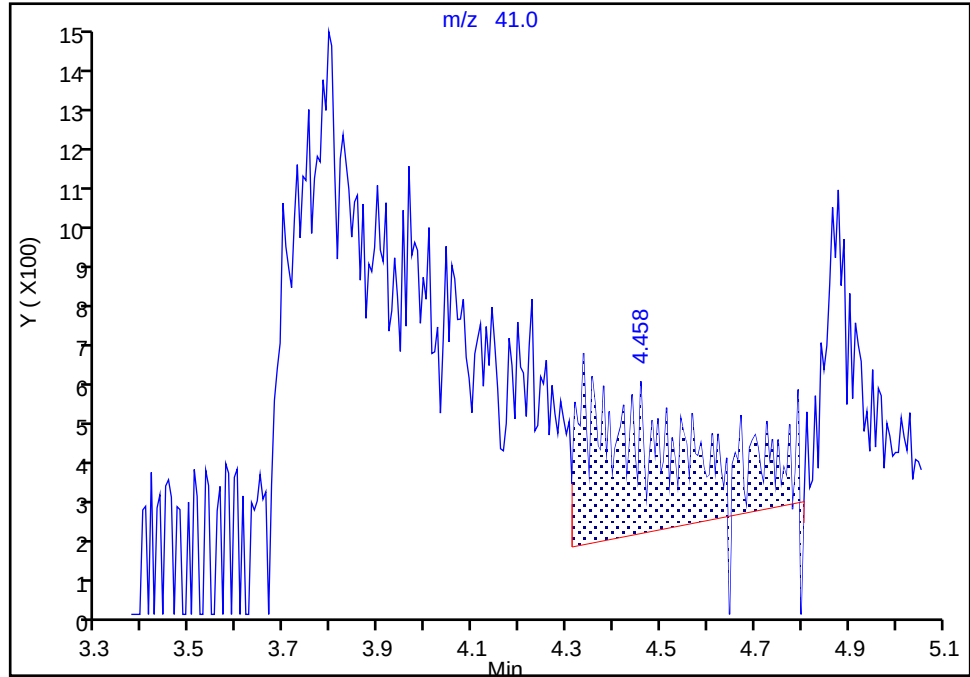
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X06.D
Injection Date: 27-Oct-2025 15:59:30 Instrument ID: 19094
Lims ID: IC std5 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

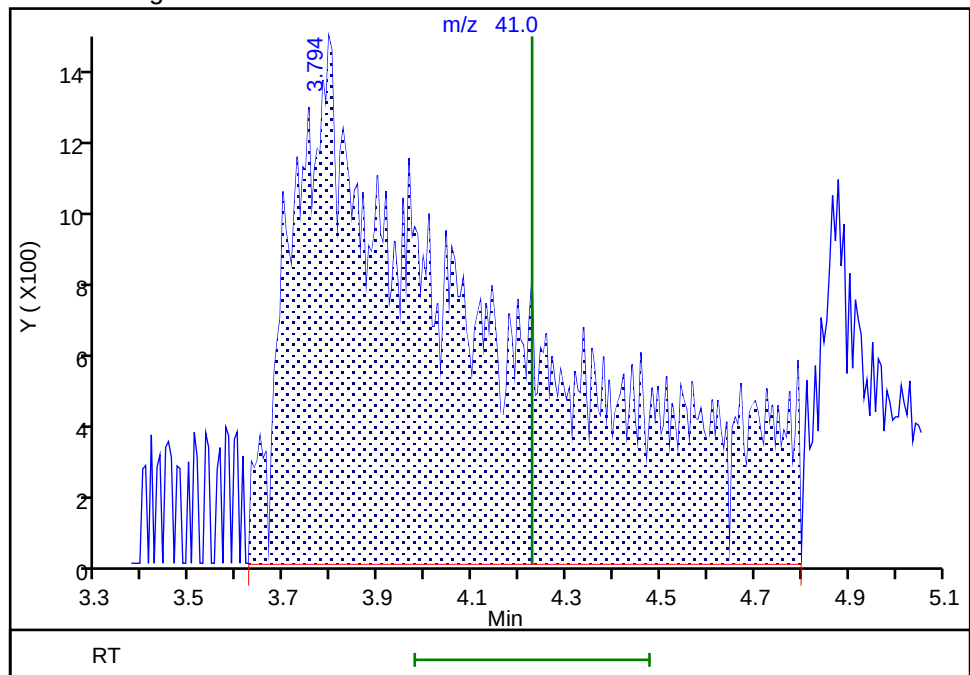
RT: 4.46
Area: 5105
Amount: 6.056409
Amount Units: ug/l

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

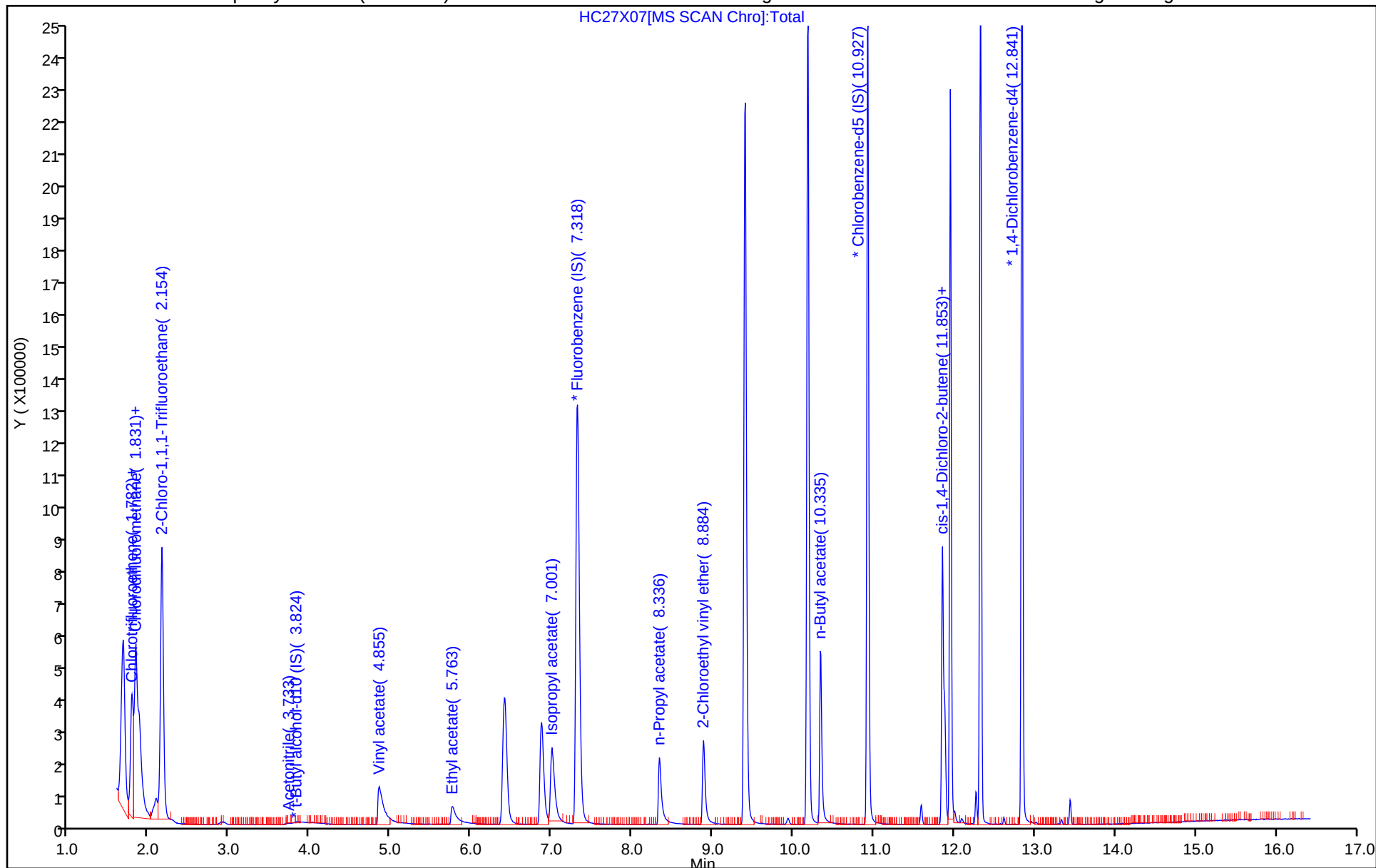
ALS Bottle#: 7

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

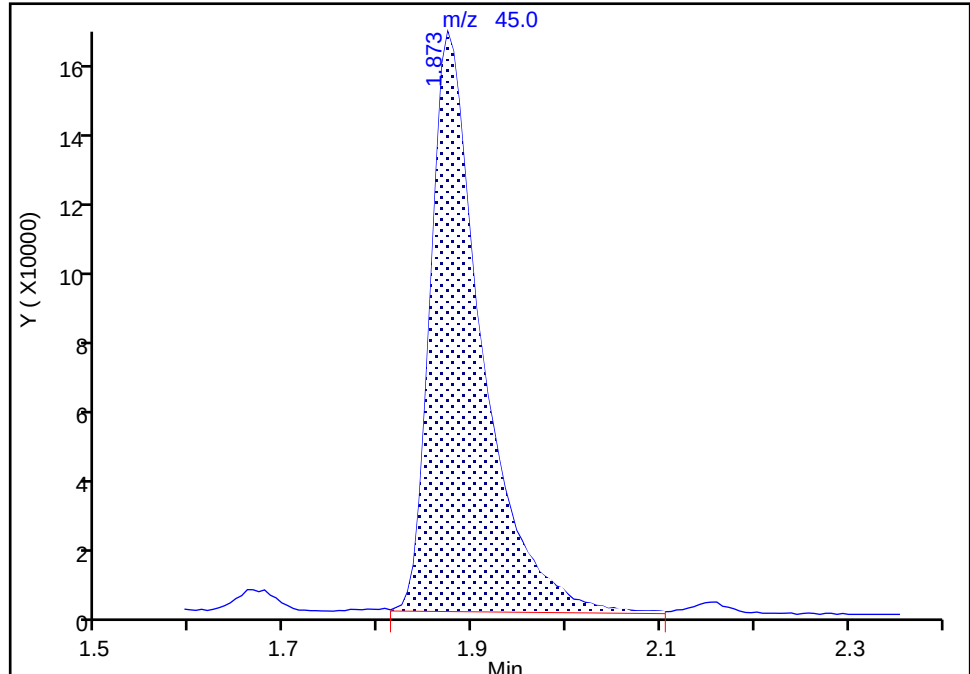
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X07.D
Injection Date: 27-Oct-2025 16:20:30 Instrument ID: 19094
Lims ID: IC std6 10
Client ID:
Operator ID: ecr105096 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

4 Dimethyl ether, CAS: 115-10-6

Signal: 1

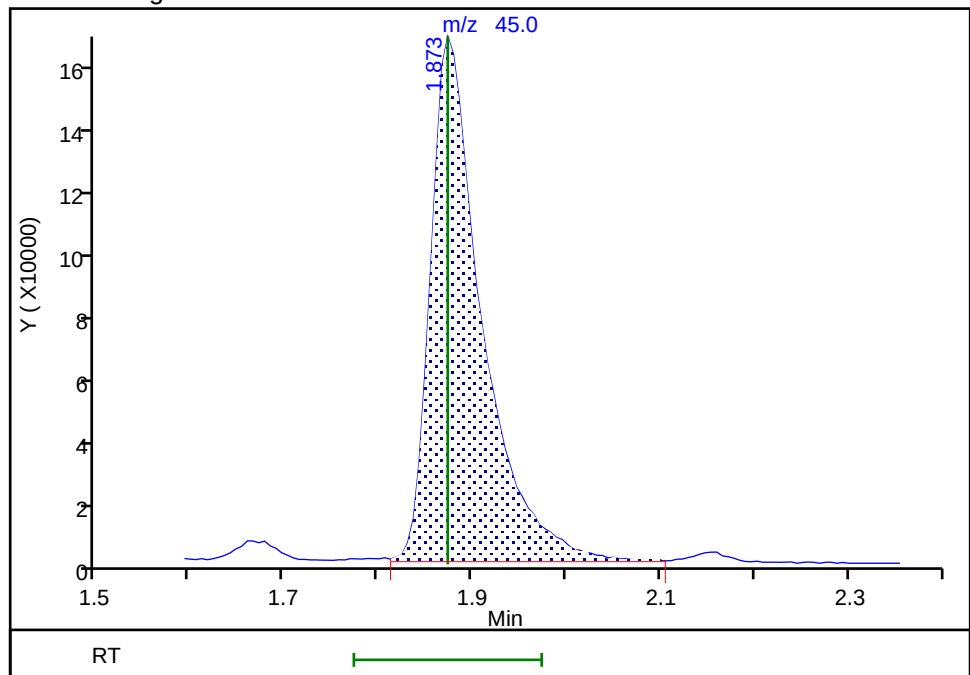
RT: 1.87
Area: 627872
Amount: 9.094541
Amount Units: ug/l

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

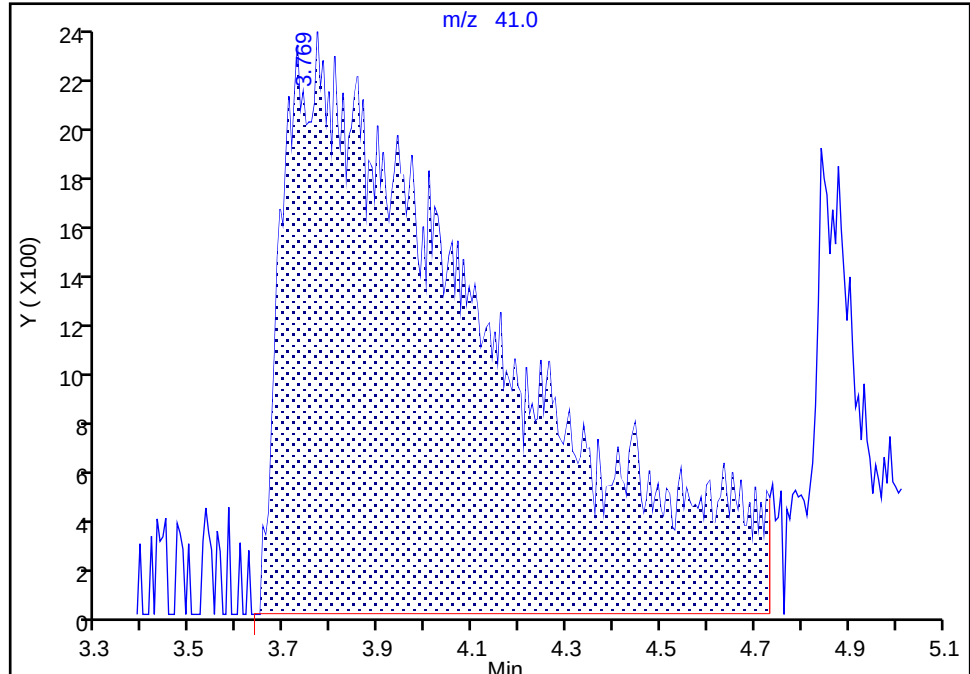
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X07.D
Injection Date: 27-Oct-2025 16:20:30 Instrument ID: 19094
Lims ID: IC std6 10
Client ID:
Operator ID: ecr105096 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

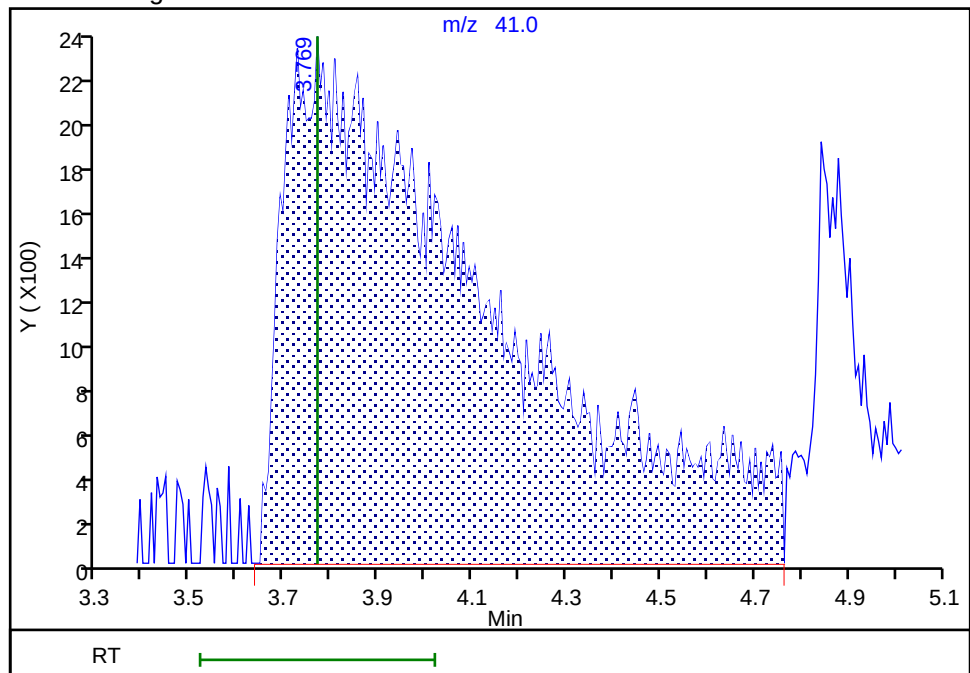
RT: 3.77
Area: 69614
Amount: 36.938275
Amount Units: ug/l

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

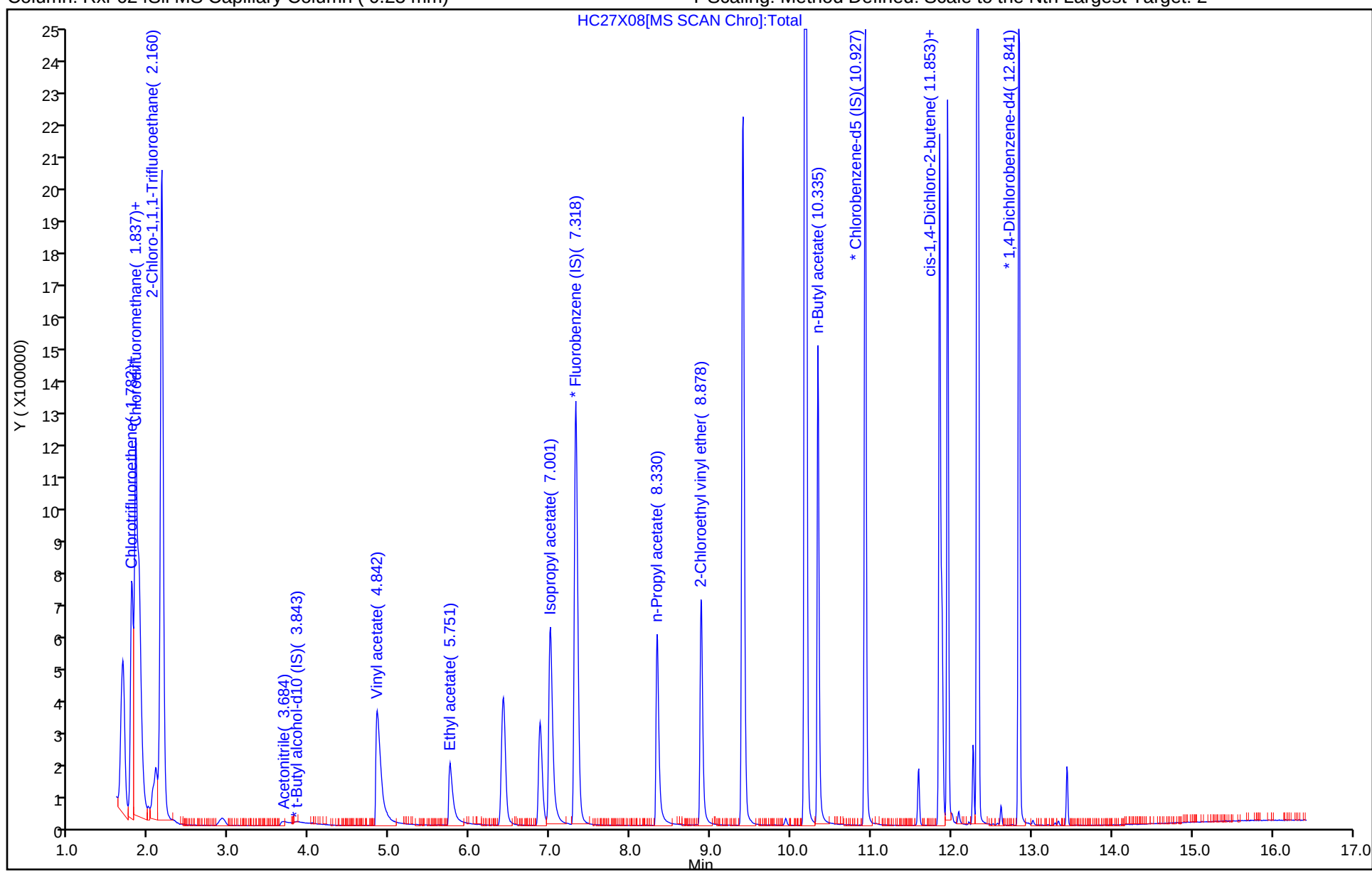
ALS Bottle#: 8

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

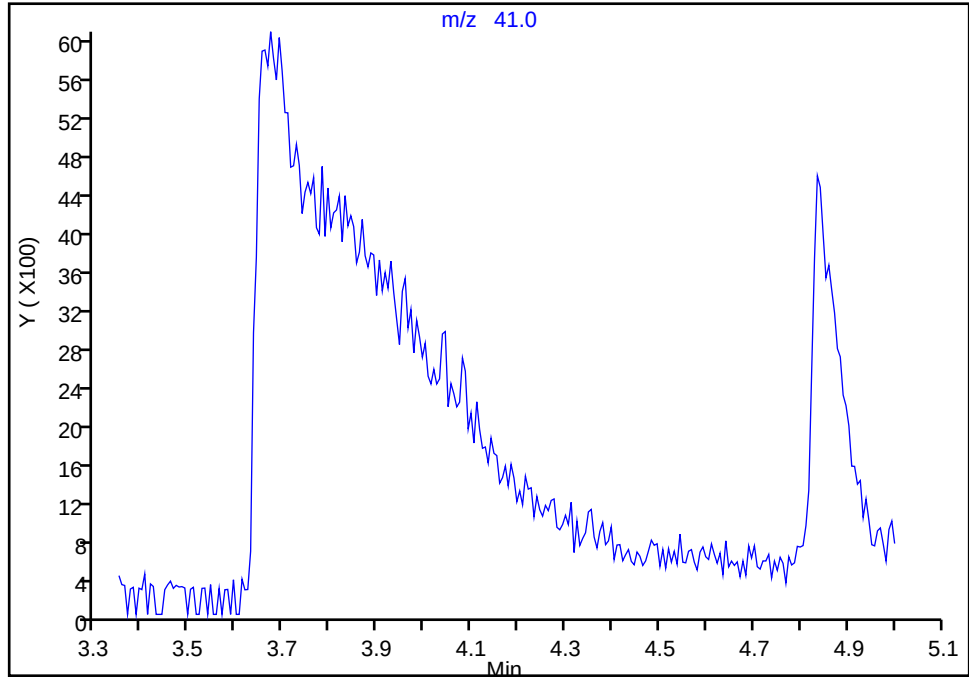
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X08.D
Injection Date: 27-Oct-2025 16:40:30 Instrument ID: 19094
Lims ID: IC std7 25
Client ID:
Operator ID: ecr105096 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

26 Acetonitrile, CAS: 75-05-8

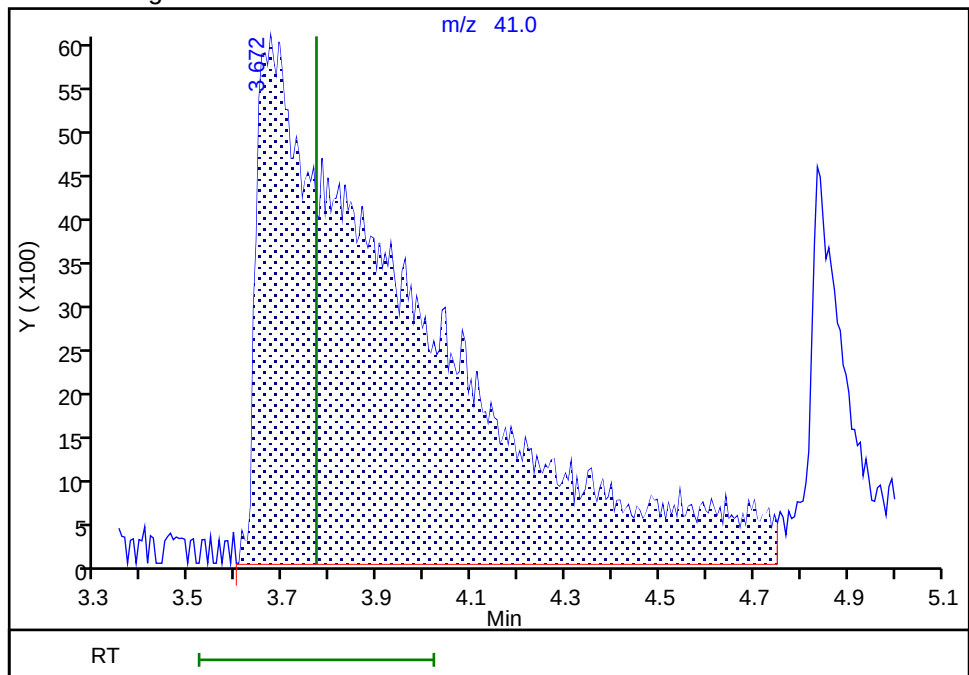
Signal: 1

Not Detected
Expected RT: 3.77

Processing Integration Results



Manual Integration Results



RT: 3.67
Area: 140563
Amount: 95.092726
Amount Units: ug/l

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

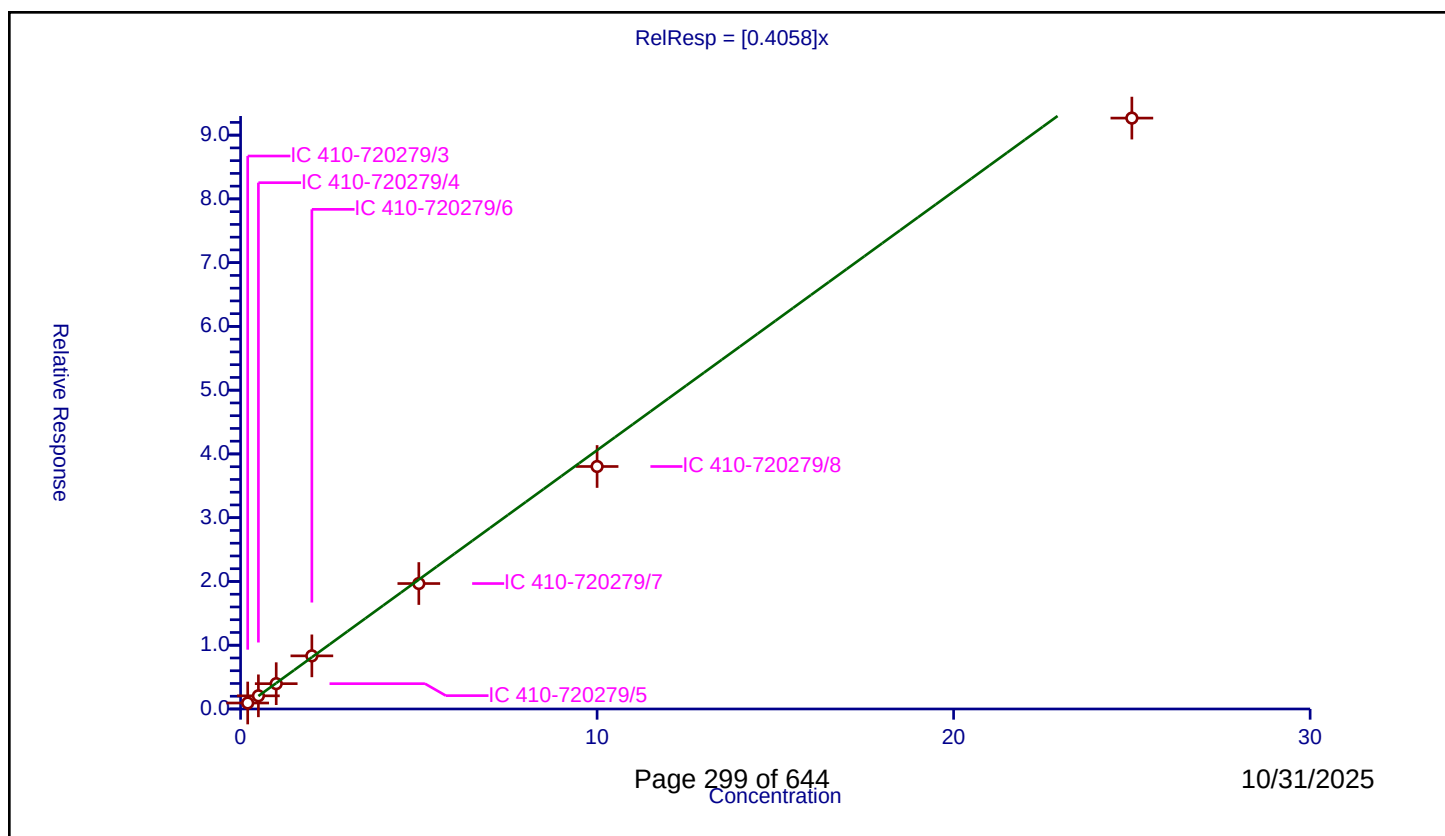
Curve Coefficients

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

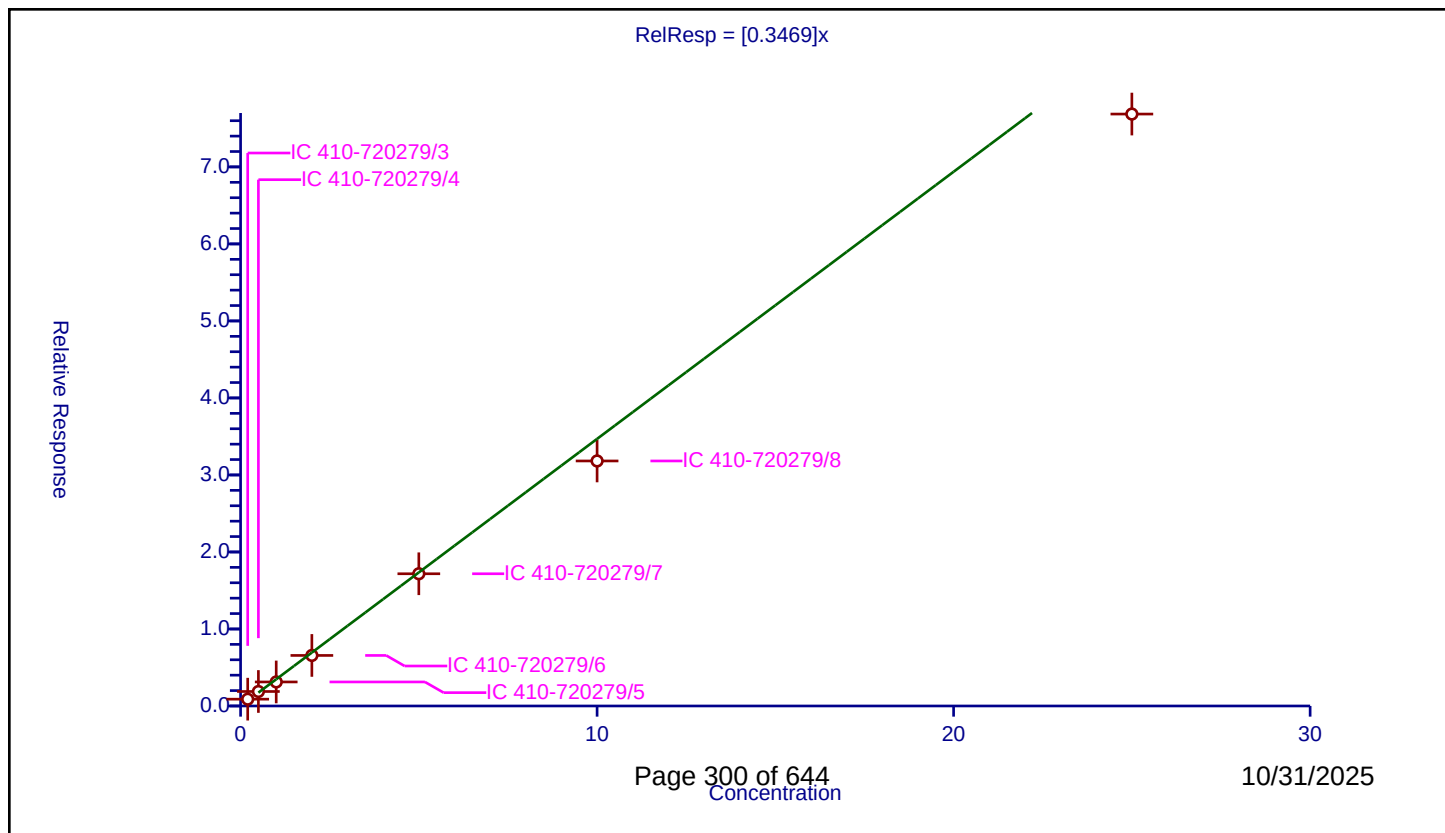
Curve Coefficients

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

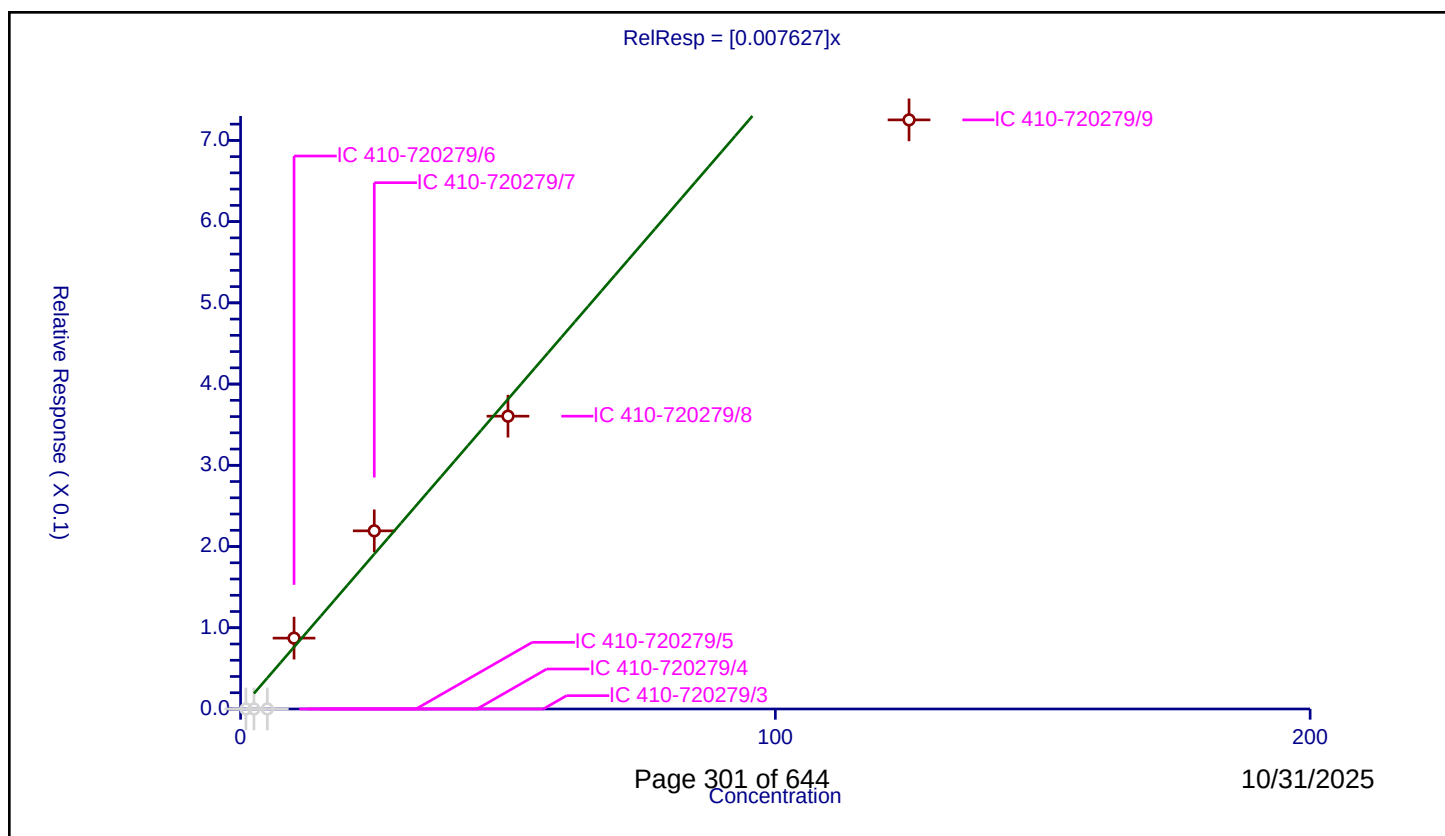
Curve Coefficients

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

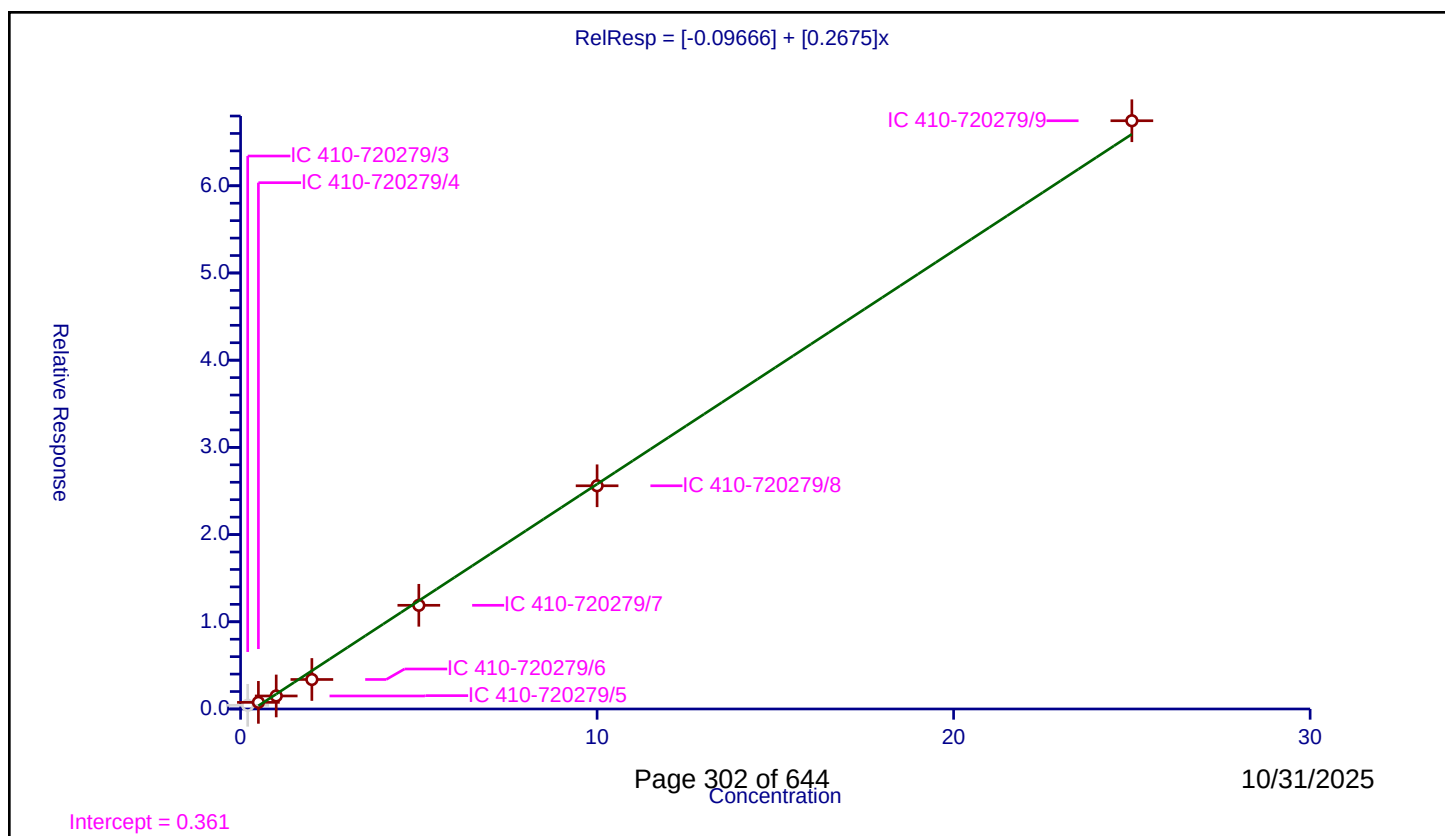
Curve Coefficients

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

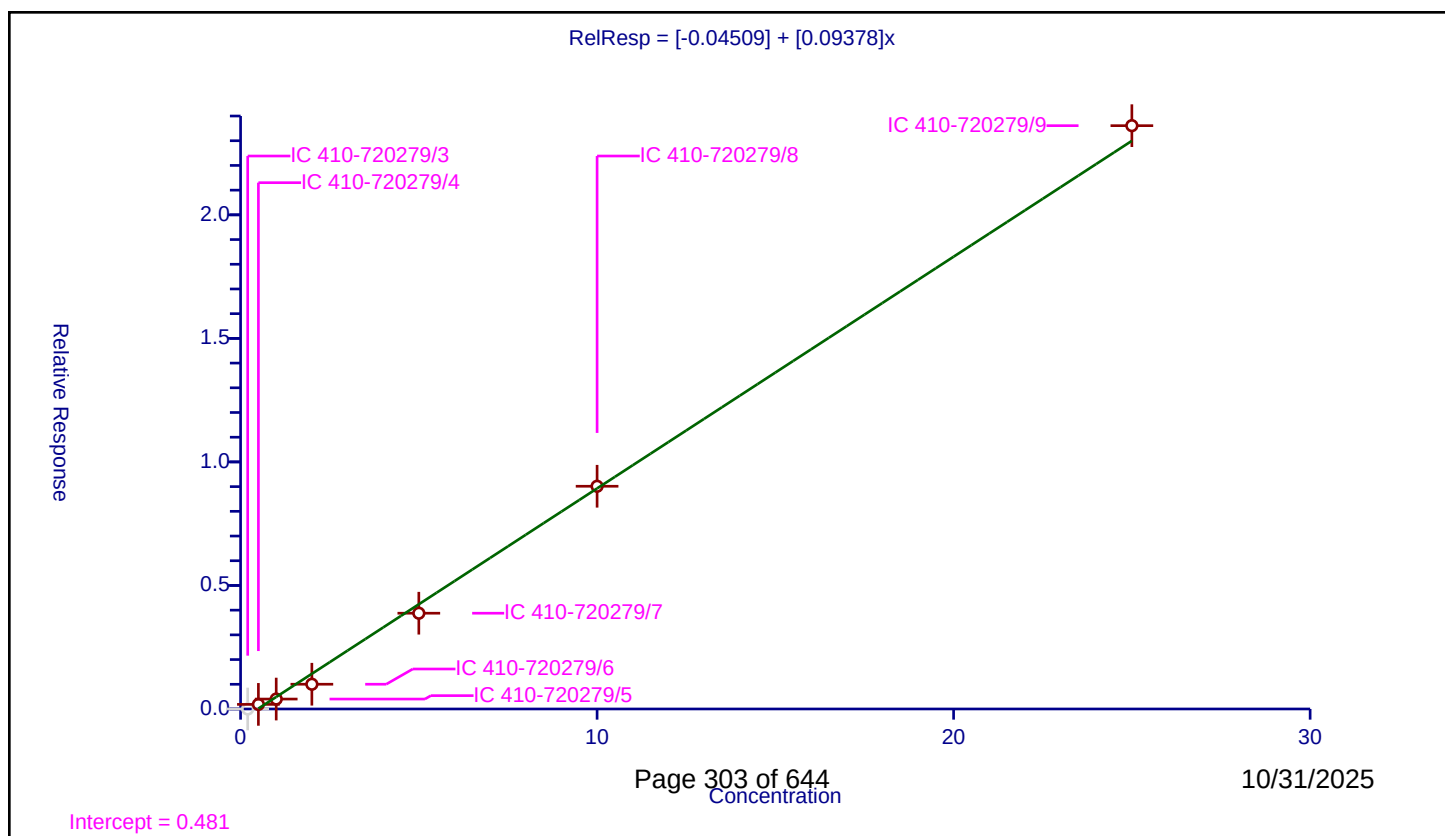
Curve Coefficients

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

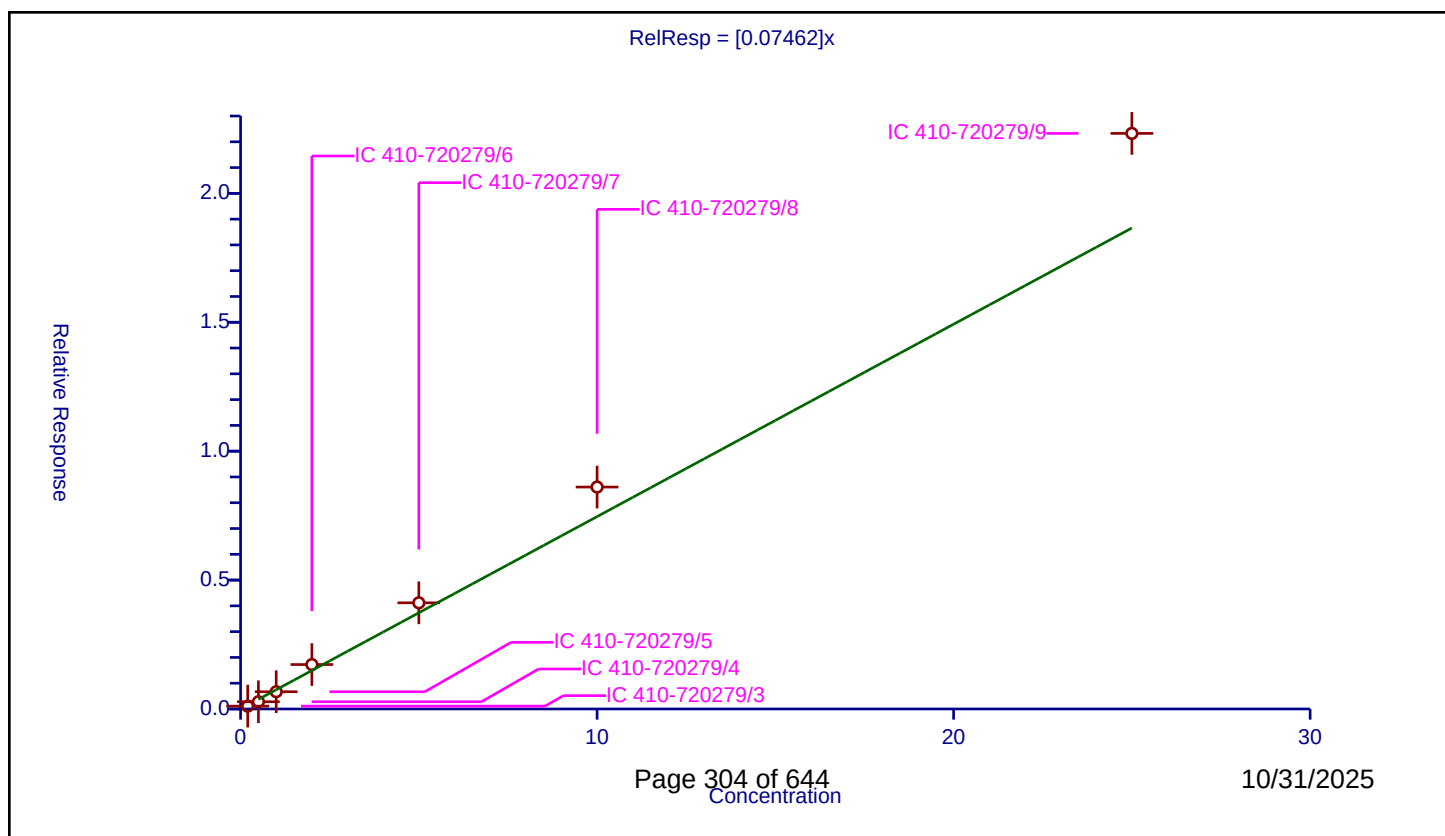
Curve Coefficients

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

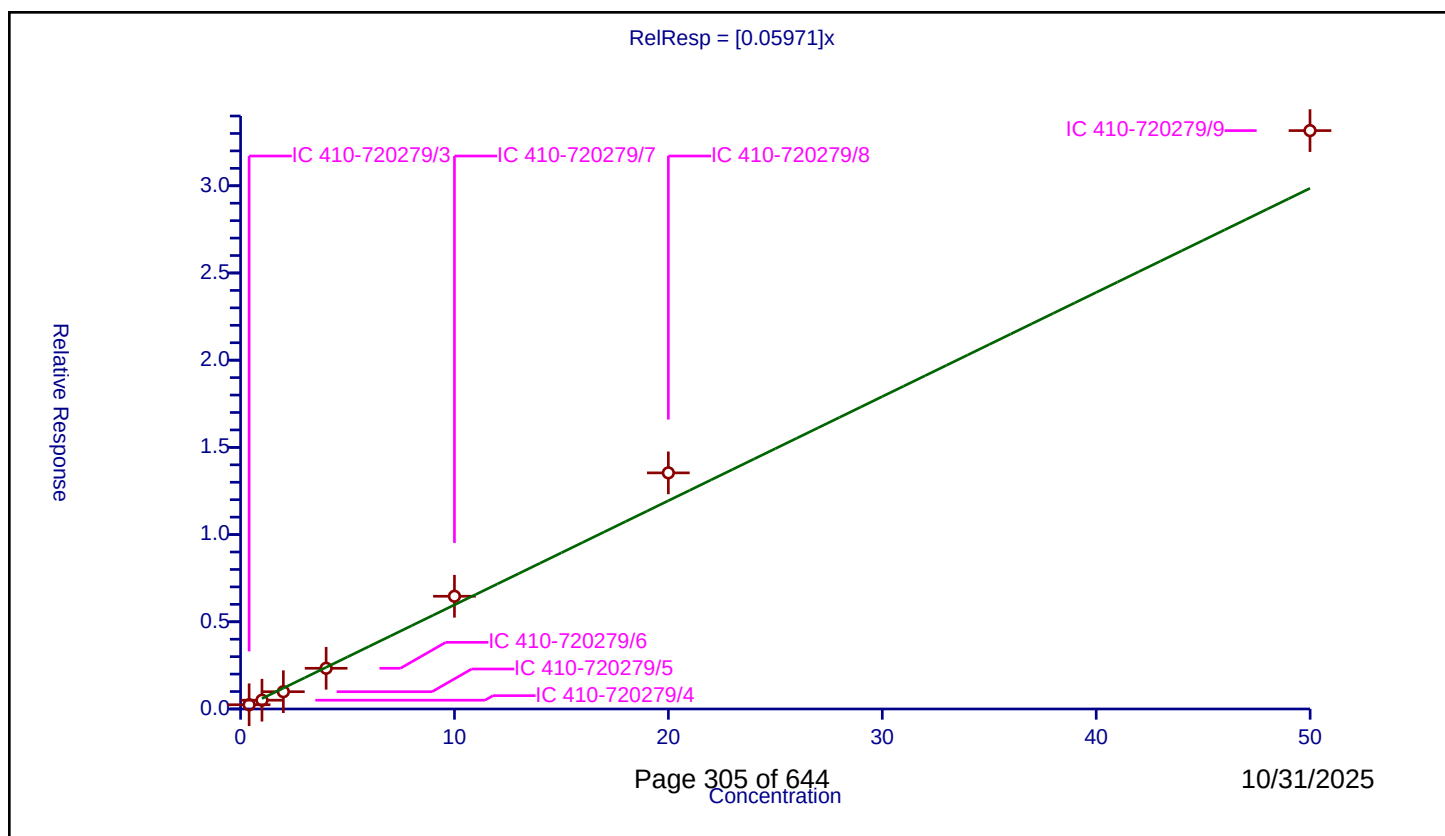
Curve Coefficients

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

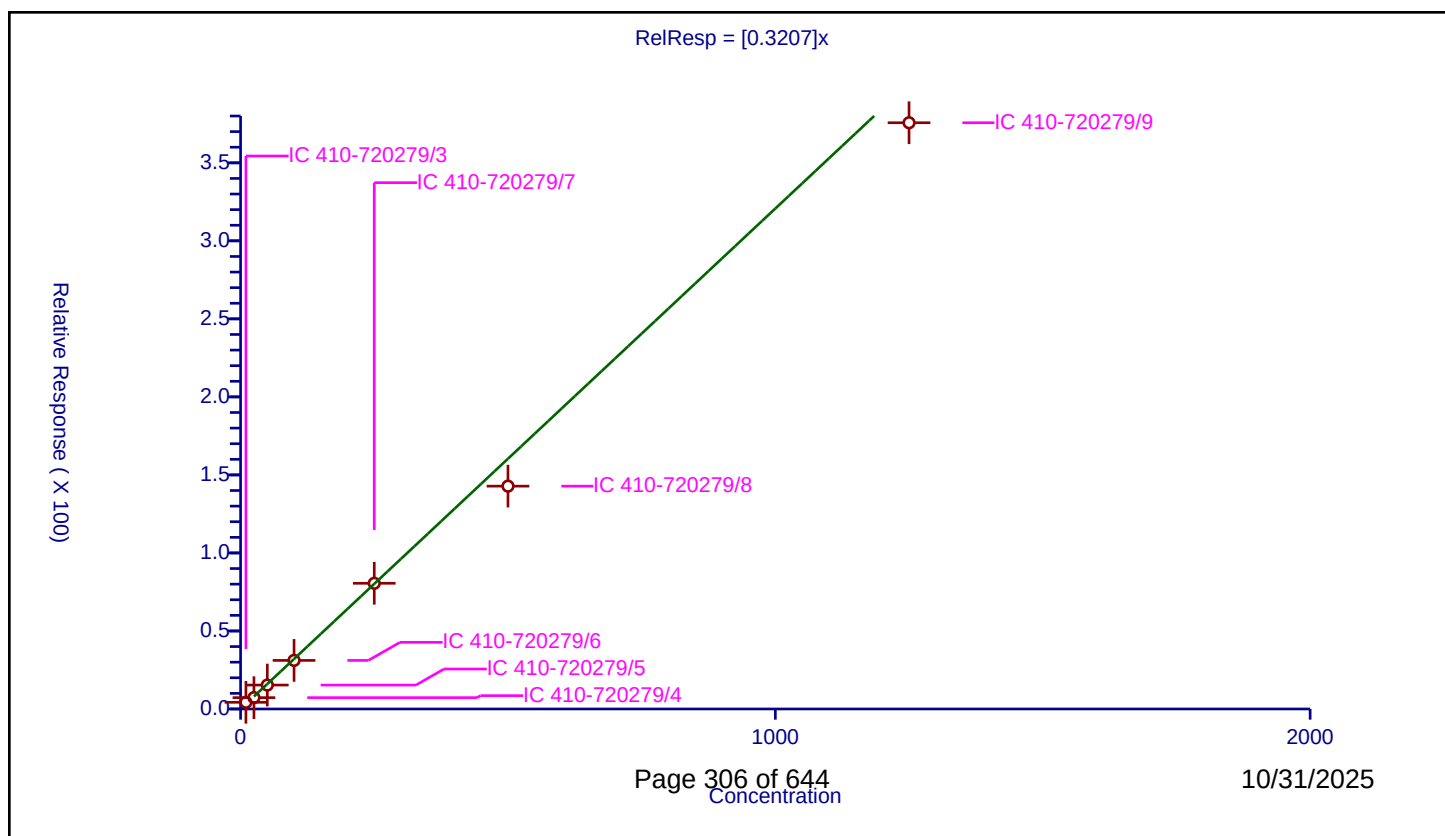
Curve Coefficients

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.: 410-249042-1 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.: 410-249042-1 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.: 410-249042-1 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.: 410-249042-1 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.: 410-249042-1 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			

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.: 410-249042-1 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			

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.: 410-249042-1 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 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8	LVL 9													
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			

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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1 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.: 410-249042-1

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.: 410-249042-1

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.: 410-249042-1

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.: 410-249042-1

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.: 410-249042-1

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 Job No.: 410-249042-1 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

Curve Type Legend:

Ave = Average ISTD Lin = Linear ISTD Lin1 = Linear 1/conc ISTD Qua = Quadratic ISTD
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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1 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.: 410-249042-1 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.: 410-249042-1 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.: 410-249042-1 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.: 410-249042-1 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	30	50 30	30	30	30
1,1,2,2-Tetrachloroethane	++++ -0.1	++++ 1.9	-5.9 6.0	-6.5	1.0	3.7	30	30	50 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	30	50 30	30	30	30
1,2,3-Trichloropropane	++++ -0.2	++++ 1.1	-0.1 6.9	-11.7	-1.9	5.9	30	30	50 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	30	50 30	30	30	30
4-Chlorotoluene	++++ 1.1	++++ 1.1	-4.3 6.4	-10.0	0.7	4.8	30	30	50 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	30	50 30	30	30	30
1,2,4-Trimethylbenzene	++++ 1.8	++++ 2.8	-7.1 7.9	-10.1	1.7	3.0	30	30	50 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	30	50 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	30	50 30	30	30	30
n-Butylbenzene	++++ 3.5	++++ 5.3	-10.2 9.2	-13.8	0.1	5.9	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.: 410-249042-1 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

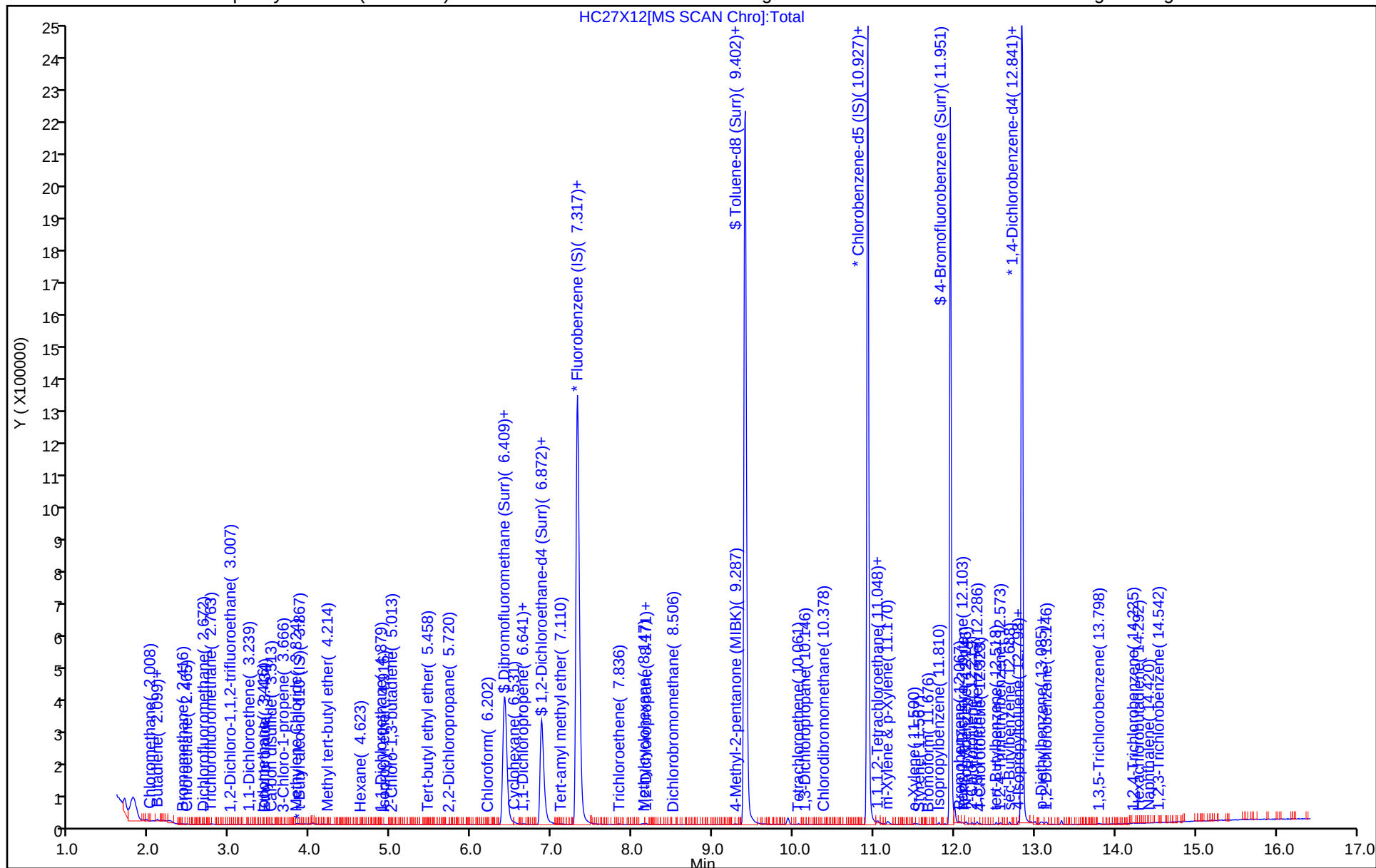
ALS Bottle#: 12

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

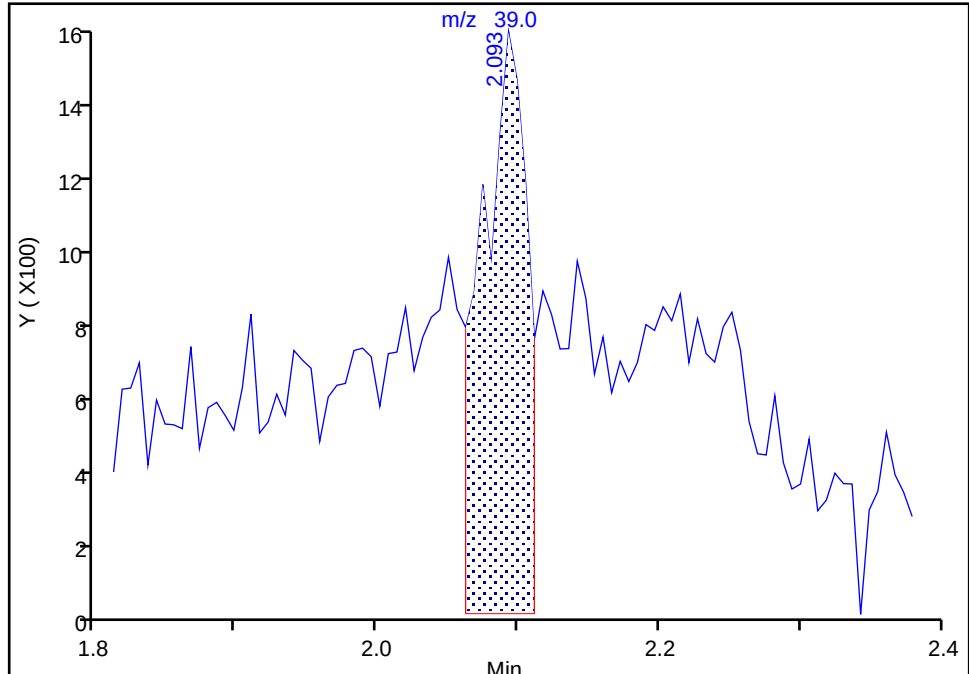
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Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

6 Butadiene, CAS: 106-99-0

Signal: 1

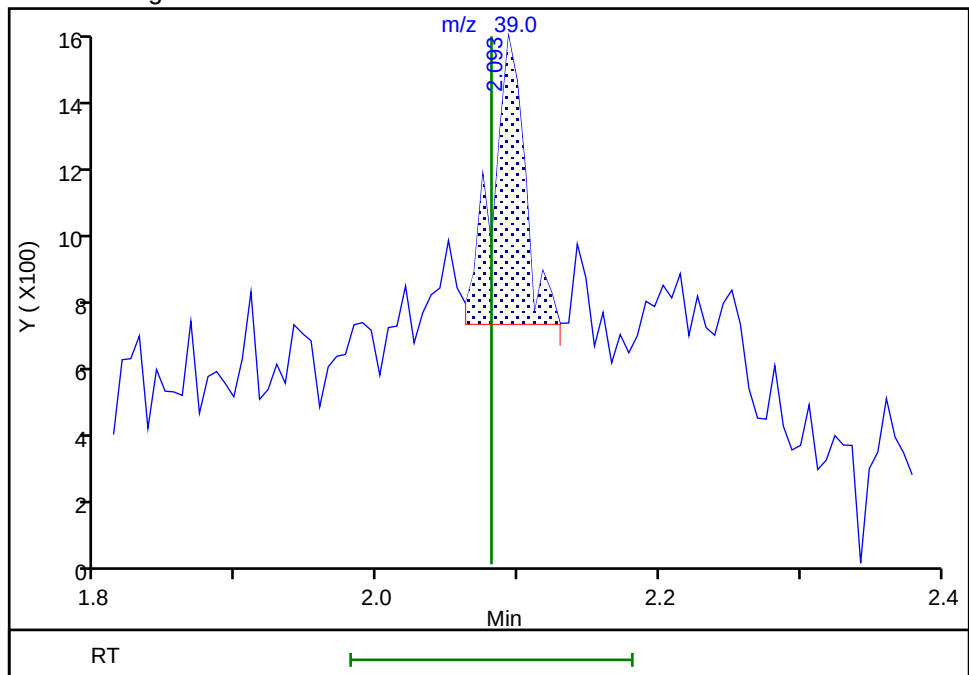
RT: 2.09
Area: 3490
Amount: 0.034725
Amount Units: ug/l

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

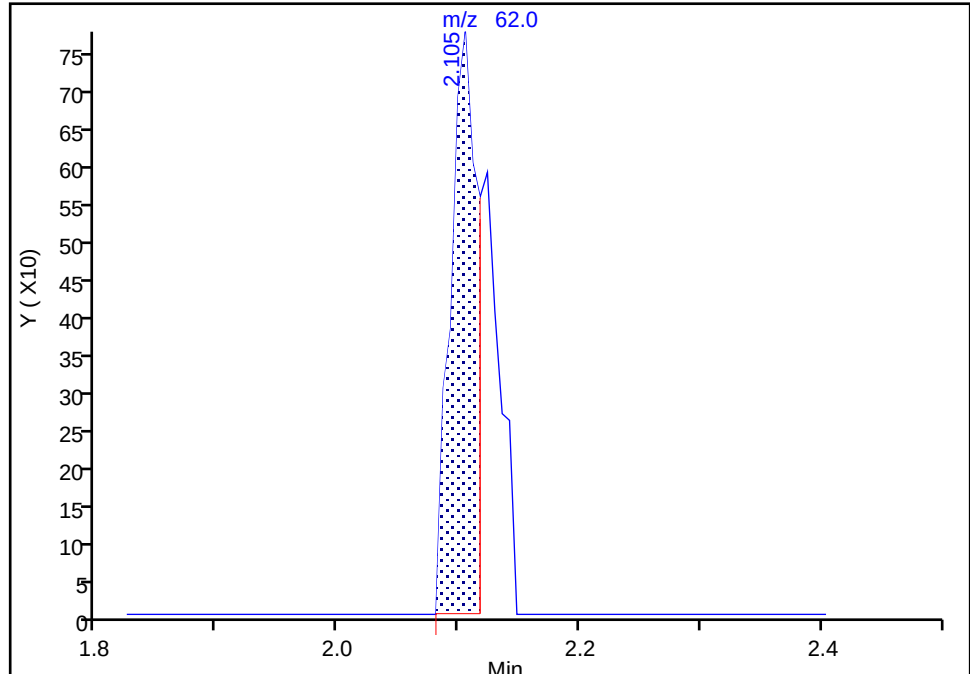
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Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

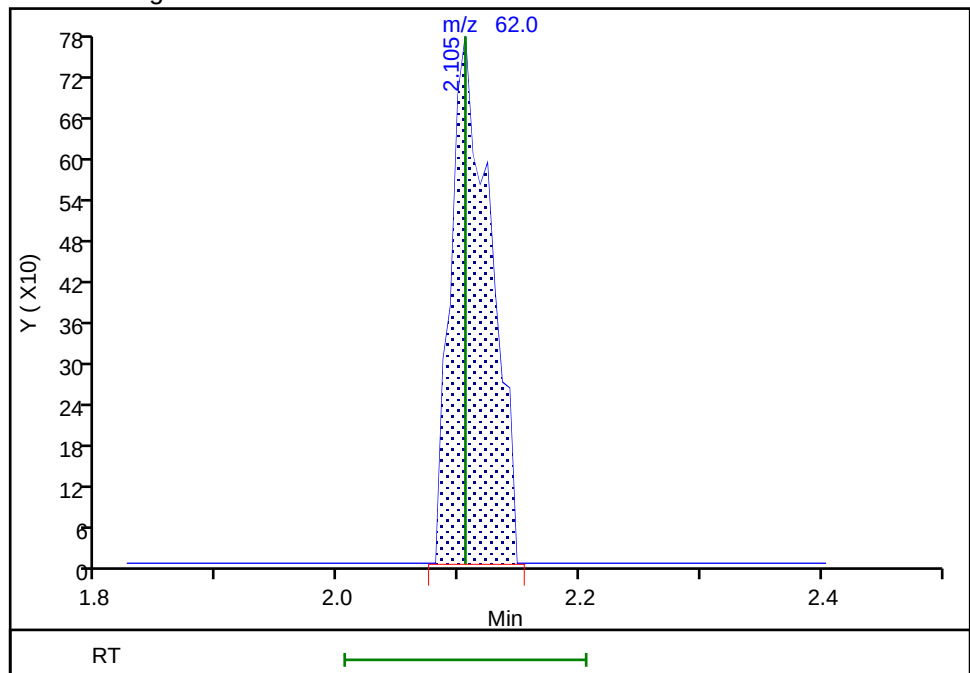
RT: 2.11
Area: 1207
Amount: 0.015273
Amount Units: ug/l

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

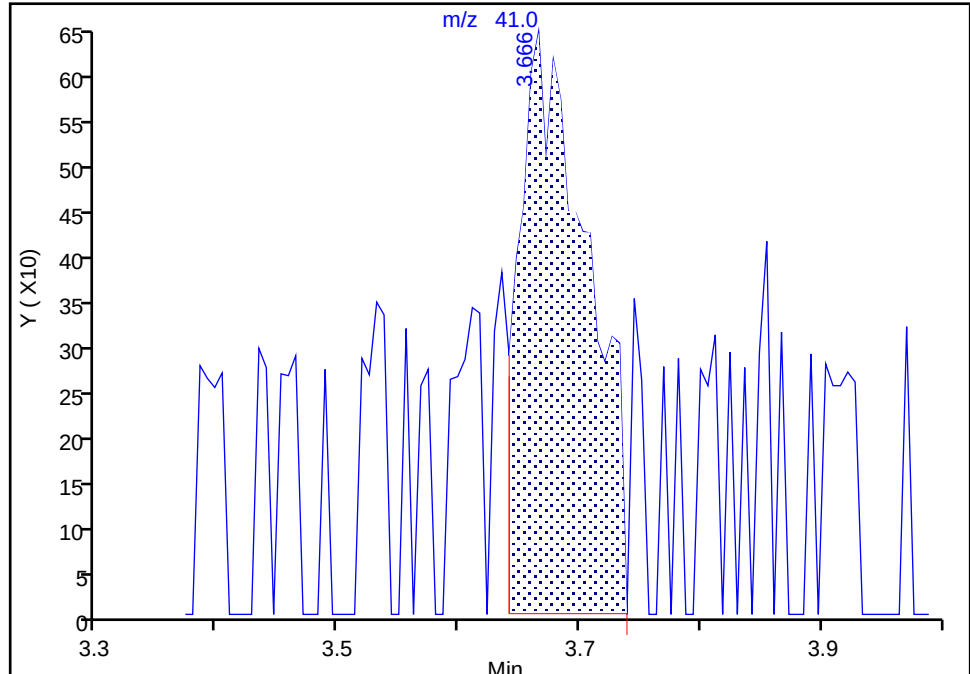
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Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

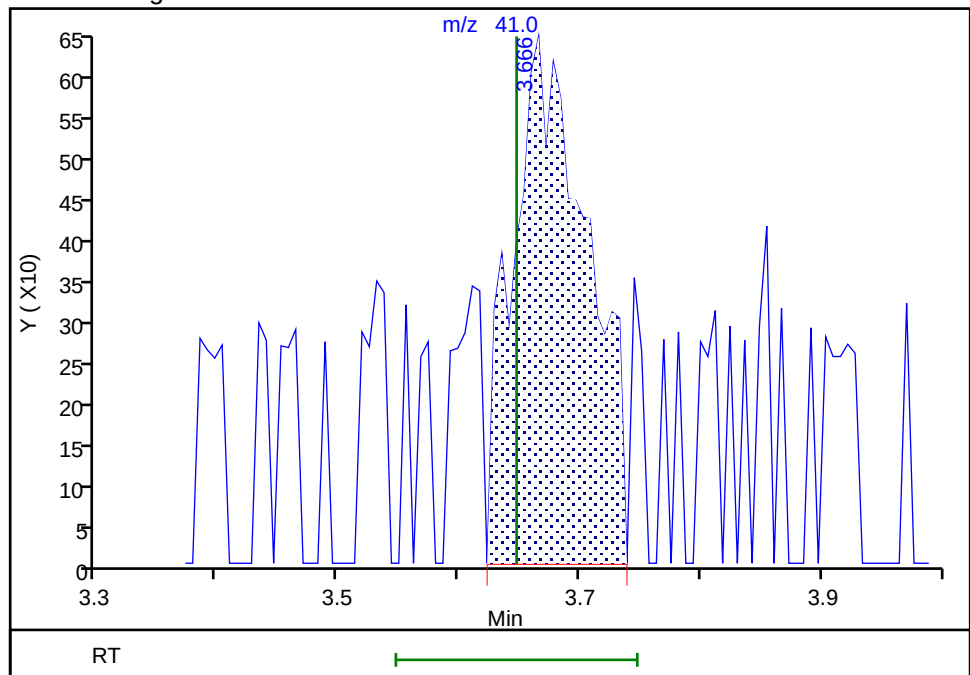
RT: 3.67
Area: 2545
Amount: 0.028903
Amount Units: ug/l

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

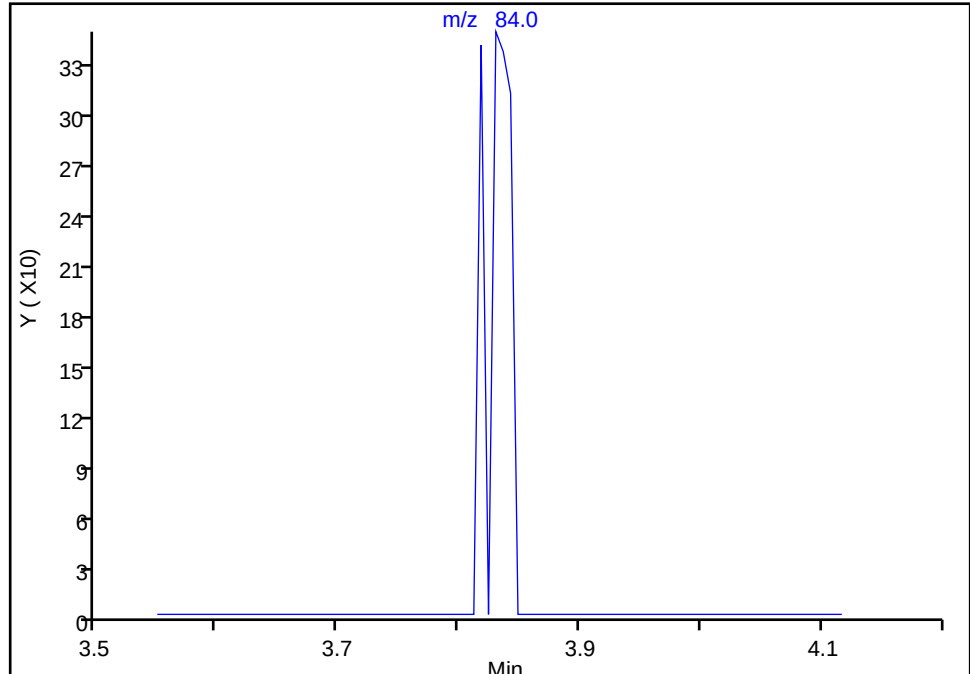
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Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

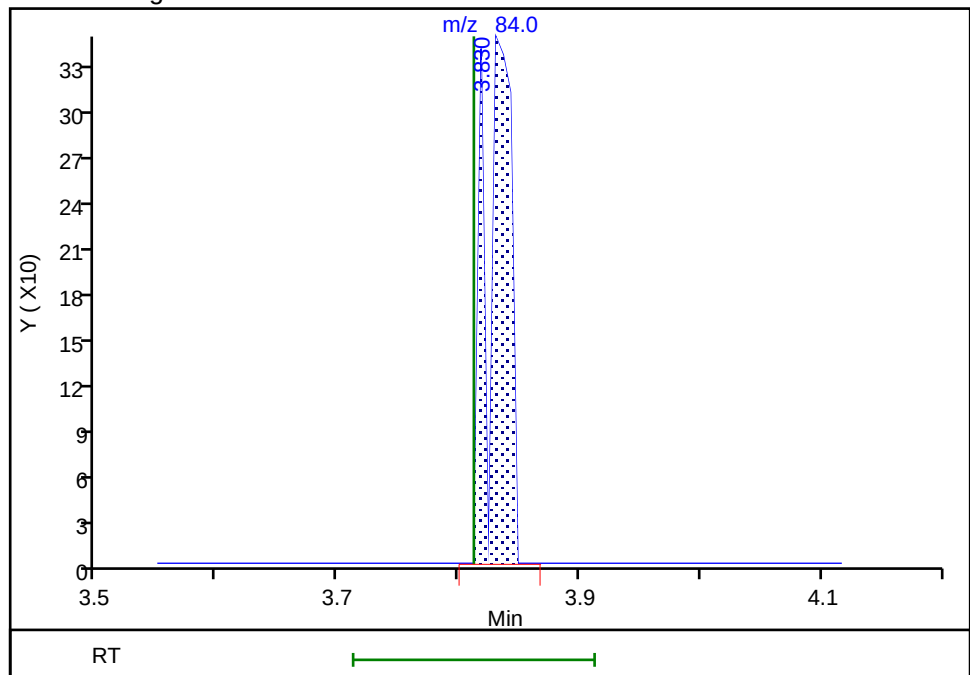
Not Detected
Expected RT: 3.81

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

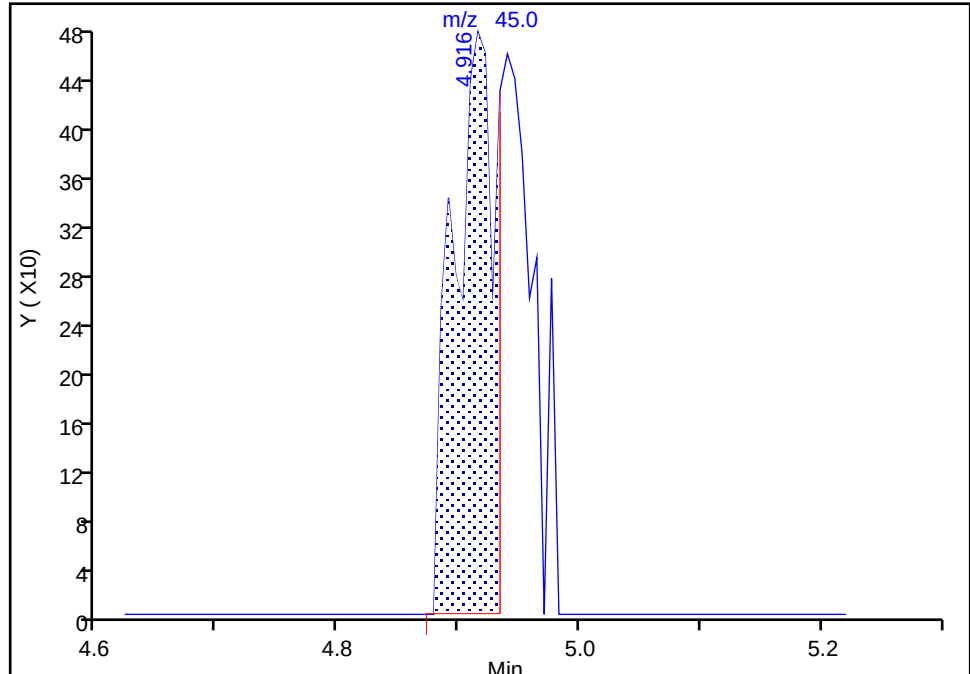
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Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

37 Isopropyl ether, CAS: 108-20-3

Signal: 1

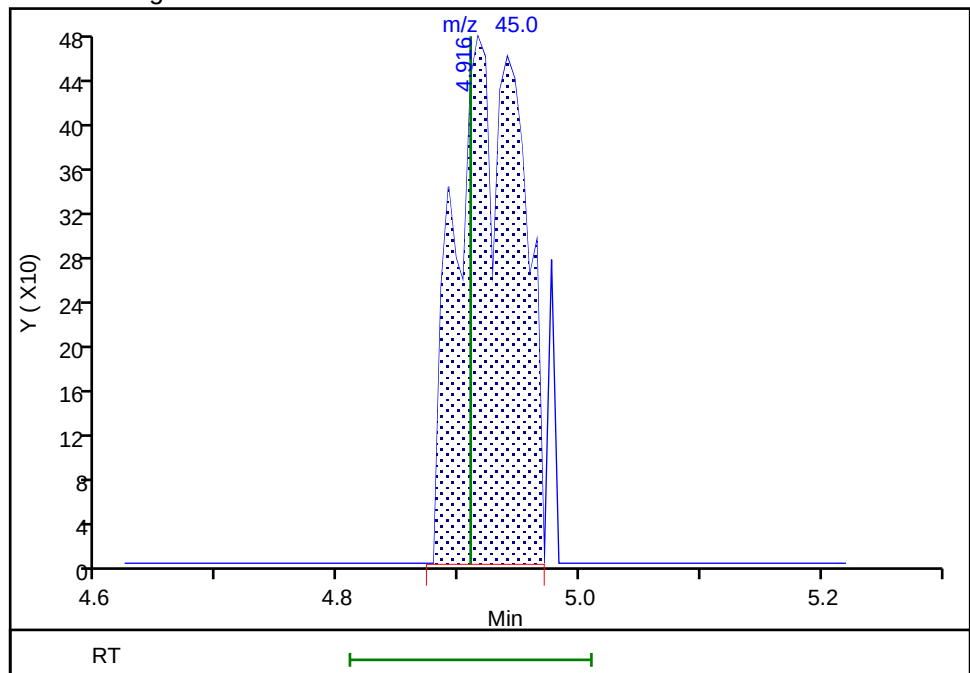
RT: 4.92
Area: 1163
Amount: 0.008149
Amount Units: ug/l

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

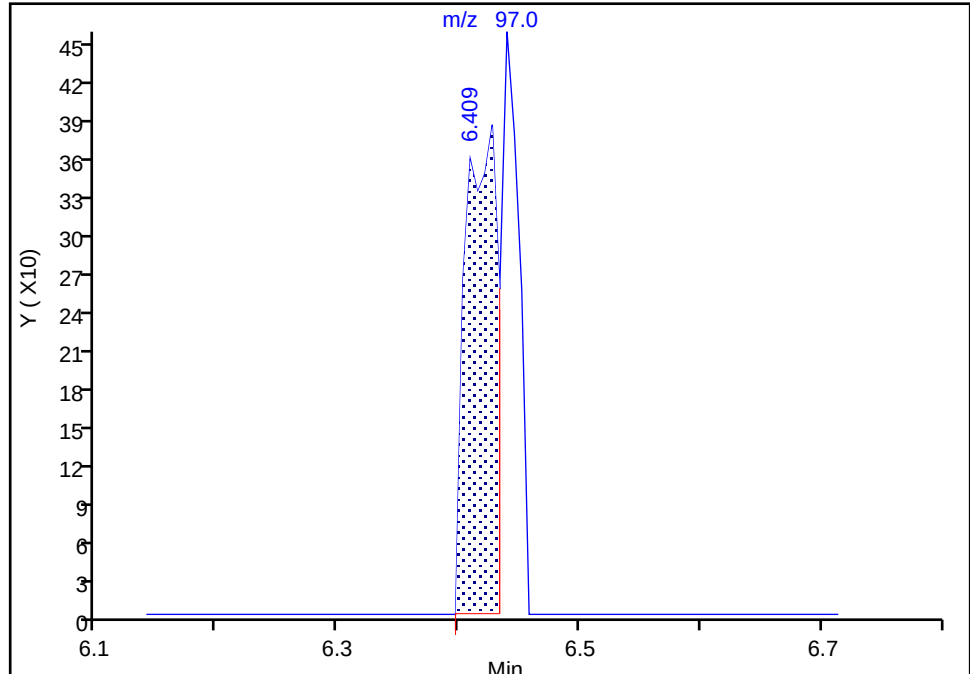
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Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

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

Signal: 1

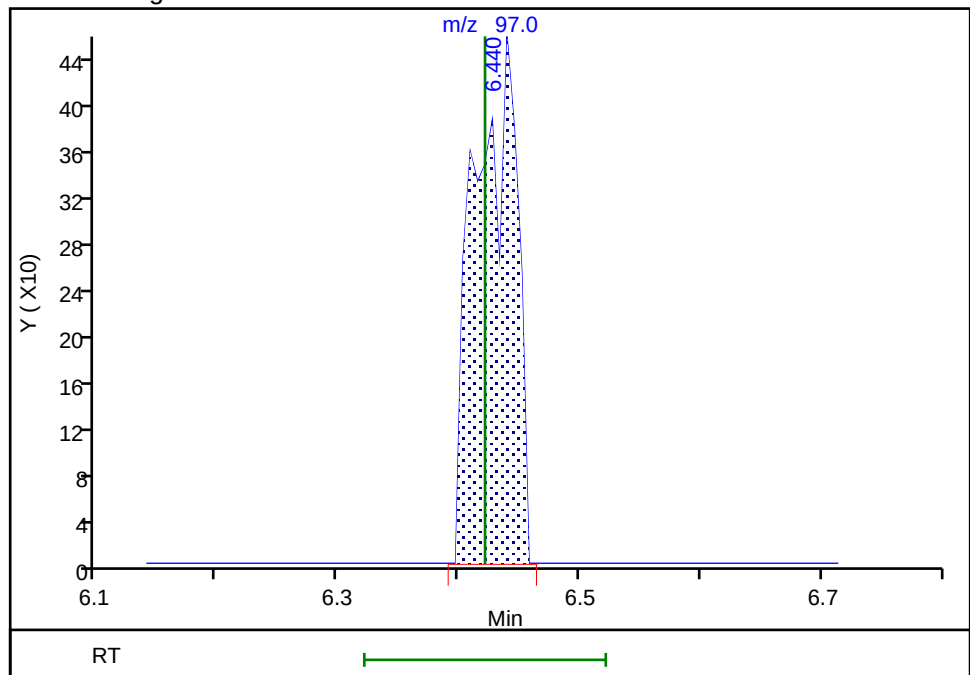
RT: 6.41
Area: 708
Amount: 0.008622
Amount Units: ug/l

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

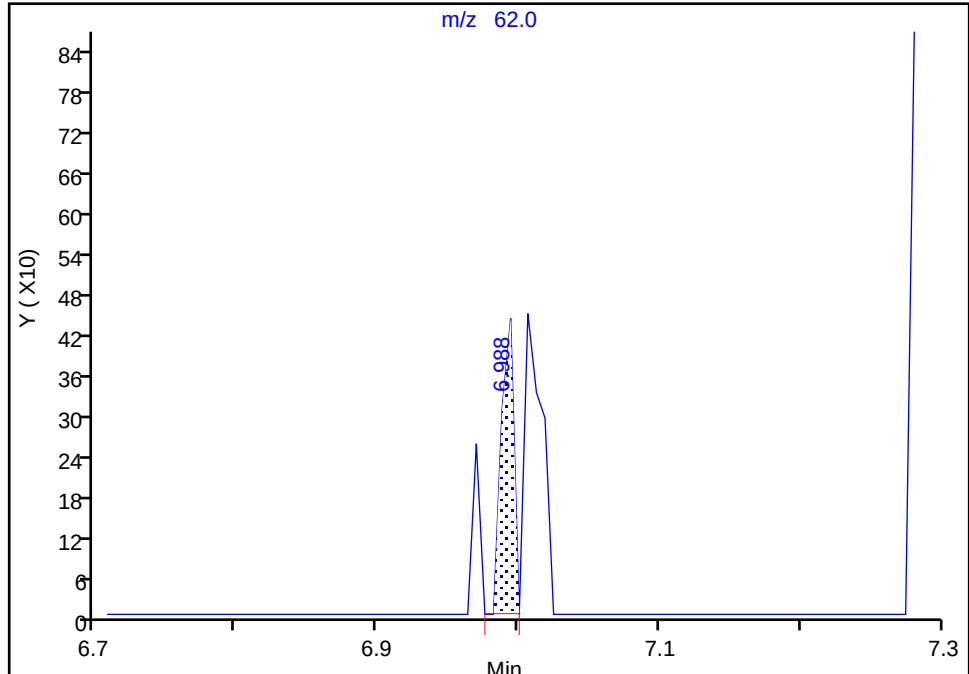
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Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

60 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

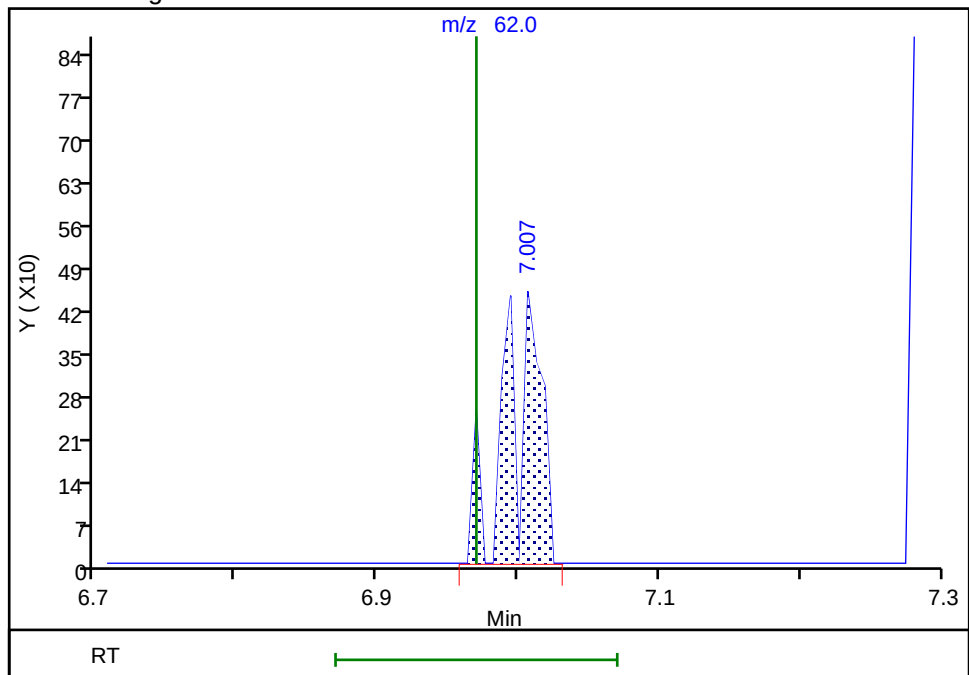
RT: 6.99
Area: 272
Amount: 0.005973
Amount Units: ug/l

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

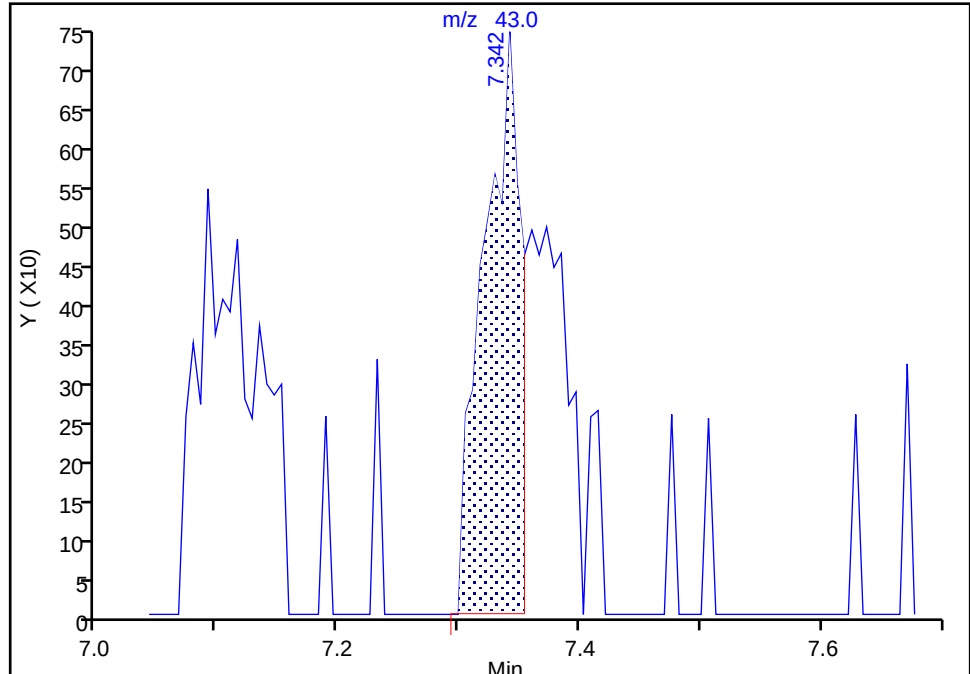
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Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

65 n-Heptane, CAS: 142-82-5

Signal: 1

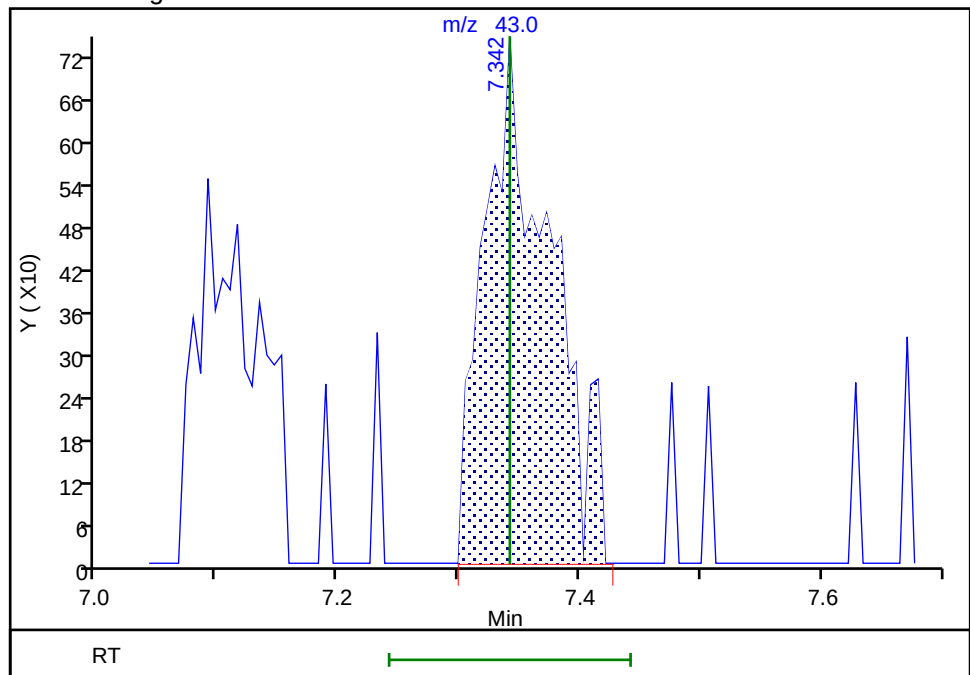
RT: 7.34
Area: 1594
Amount: 0.020577
Amount Units: ug/l

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

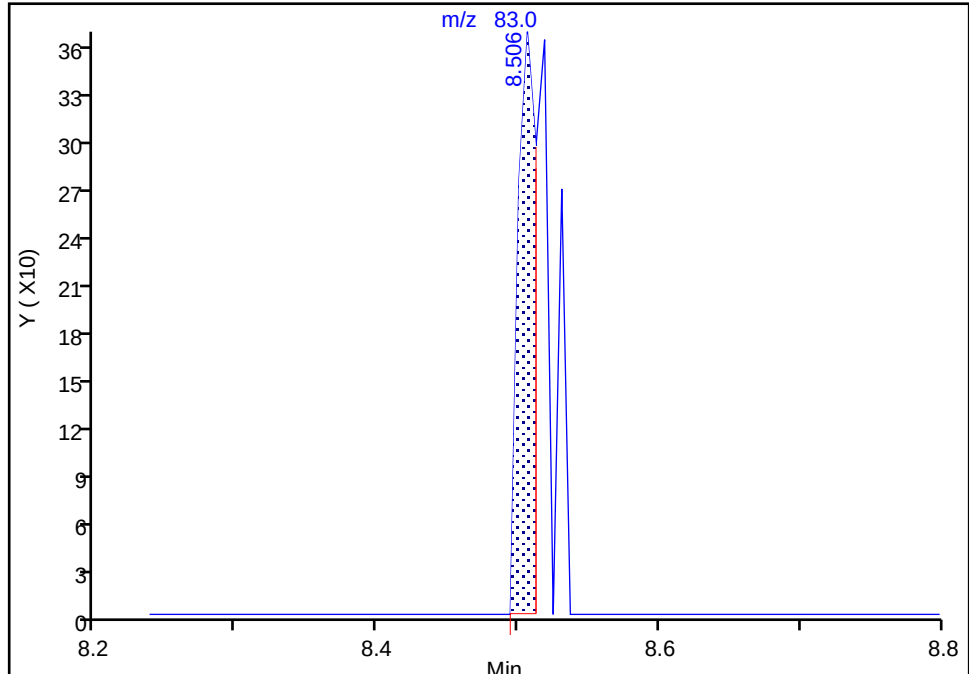
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

76 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

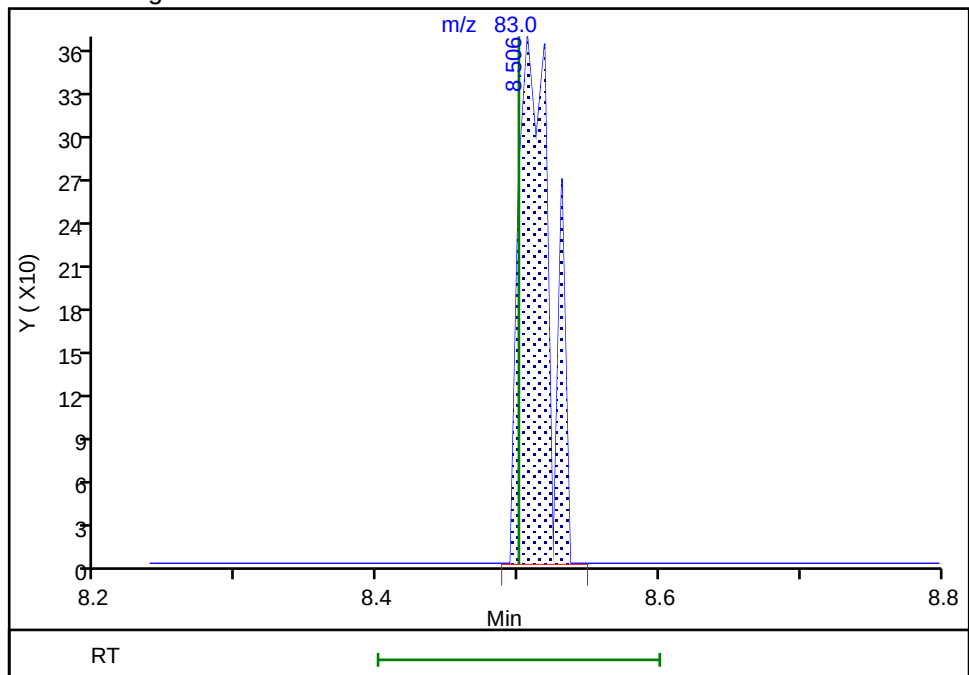
RT: 8.51
Area: 342
Amount: 0.006200
Amount Units: ug/l

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

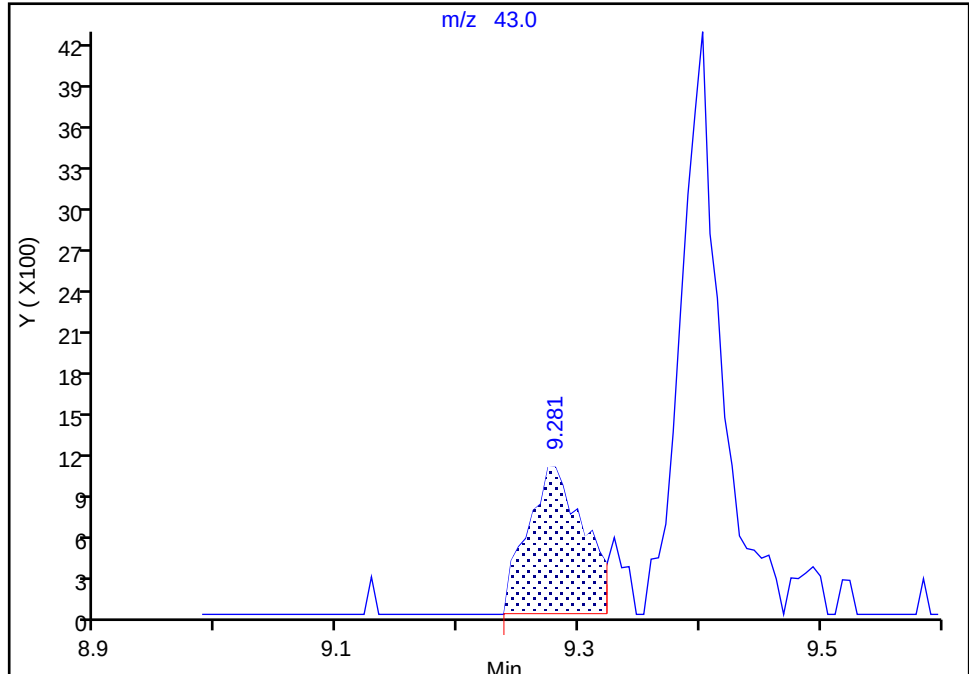
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 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

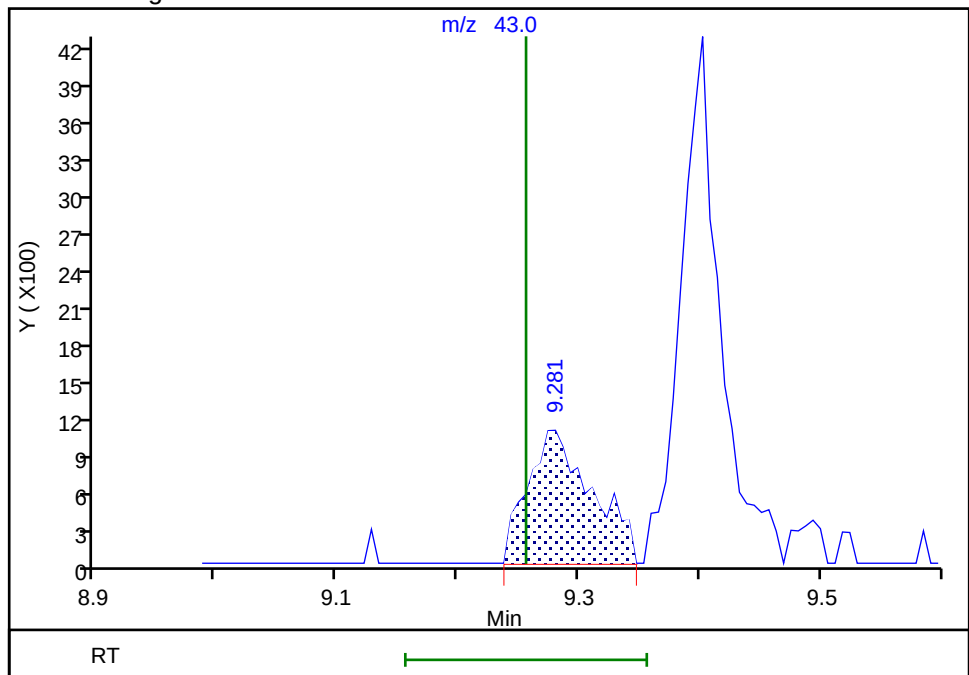
RT: 9.28
Area: 3533
Amount: 0.313624
Amount Units: ug/l

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

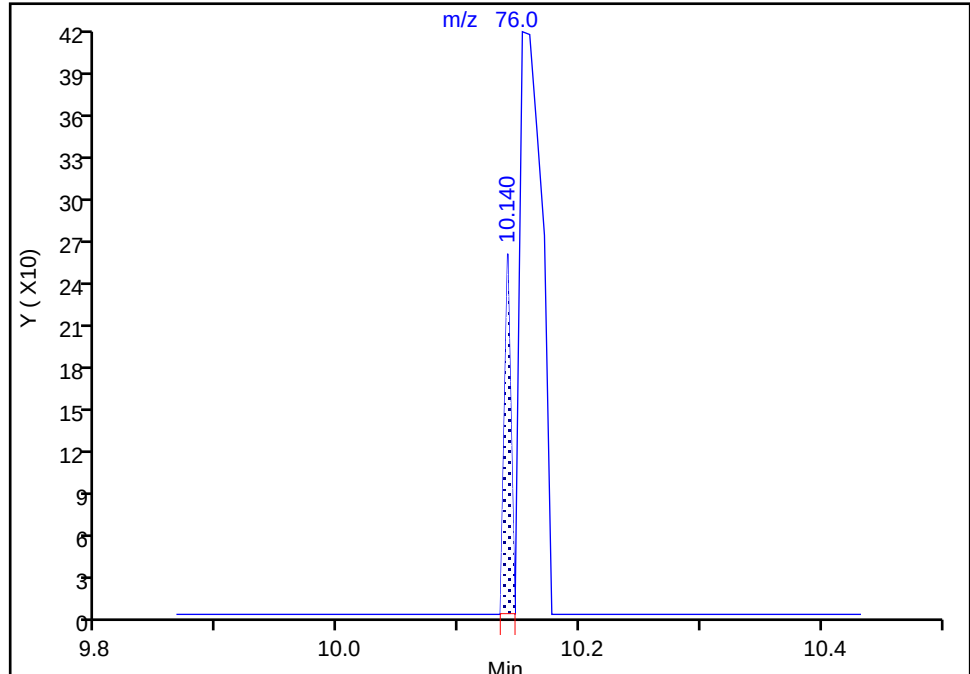
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

108 1,3-Dichloropropane, CAS: 142-28-9

Signal: 1

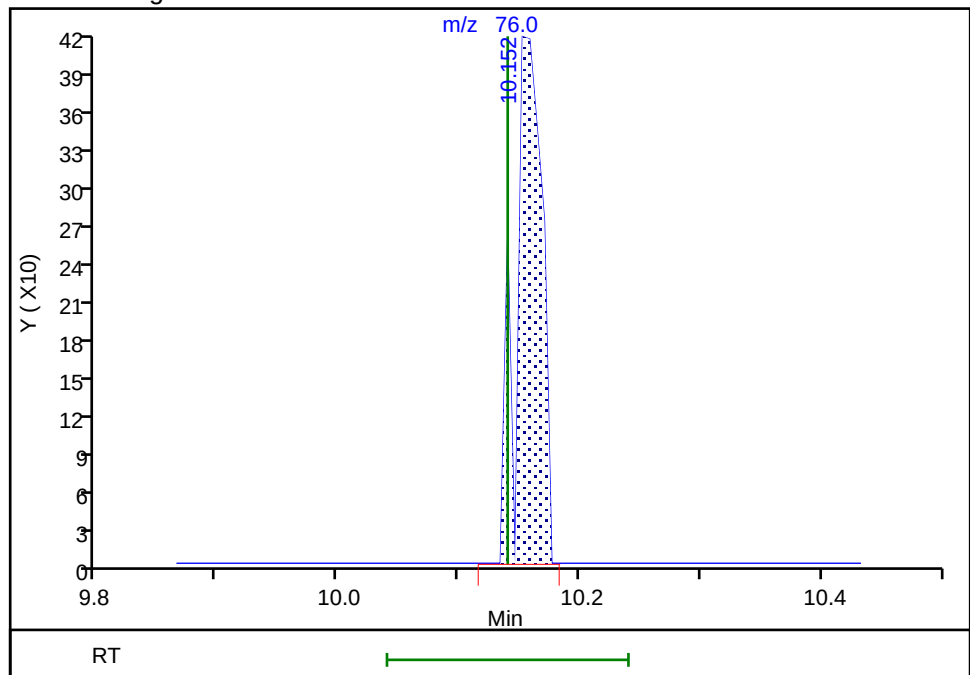
RT: 10.14
Area: 93
Amount: 0.019837
Amount Units: ug/l

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

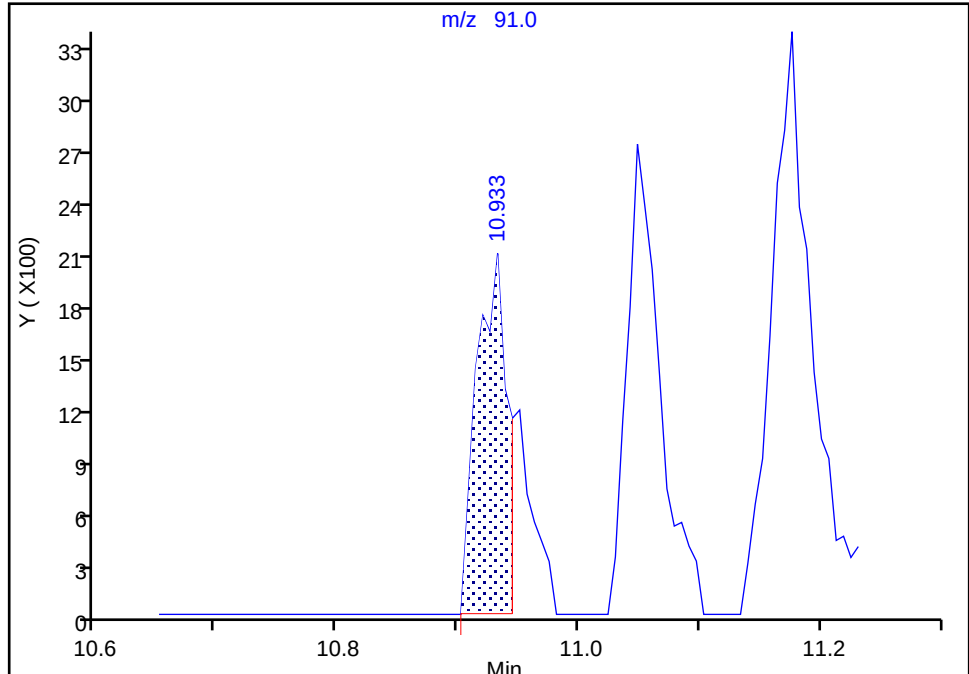
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

114 1-Chlorohexane, CAS: 544-10-5

Signal: 1

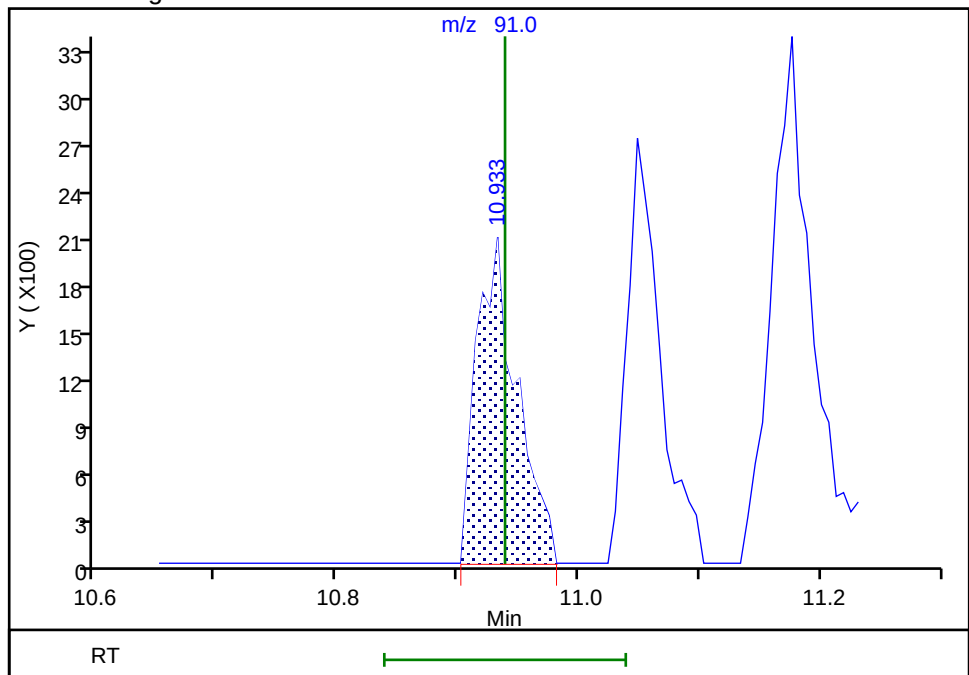
RT: 10.93
Area: 3607
Amount: 0.036213
Amount Units: ug/l

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

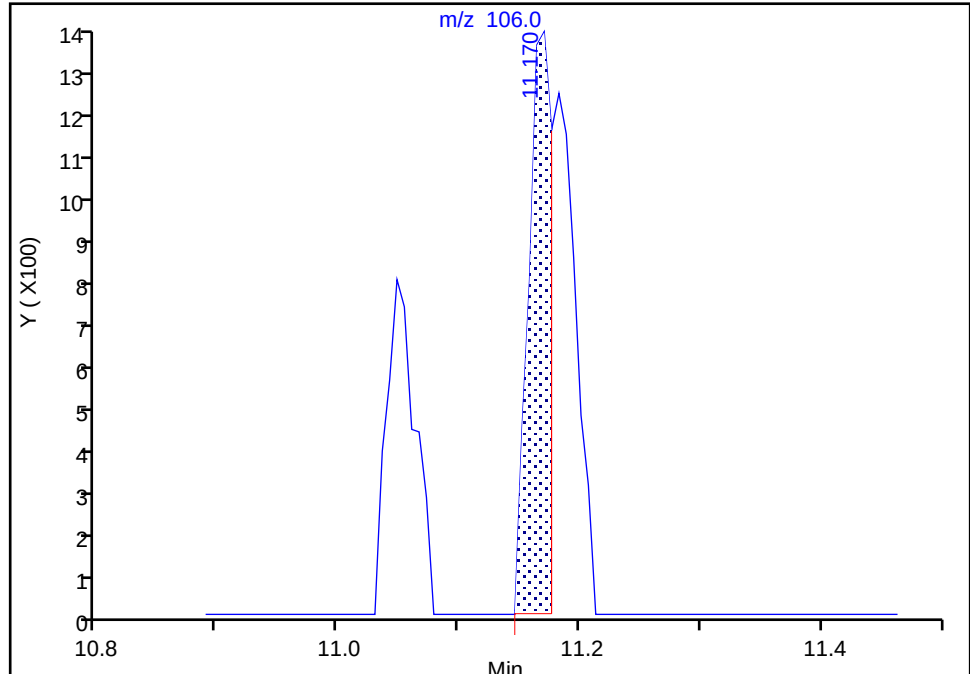
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 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

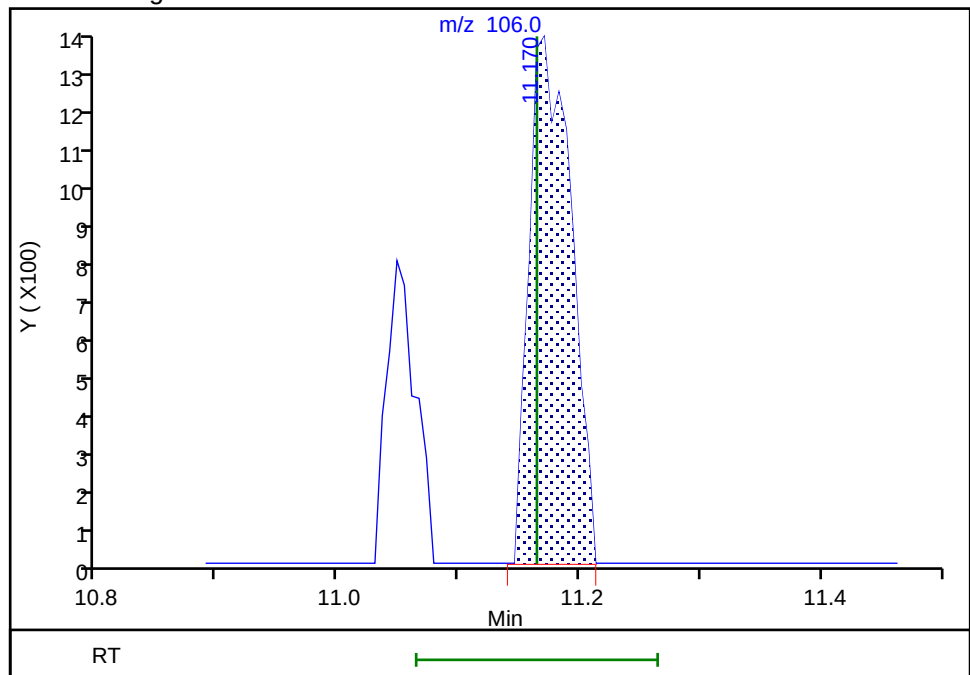
RT: 11.17
Area: 1856
Amount: 0.018263
Amount Units: ug/l

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

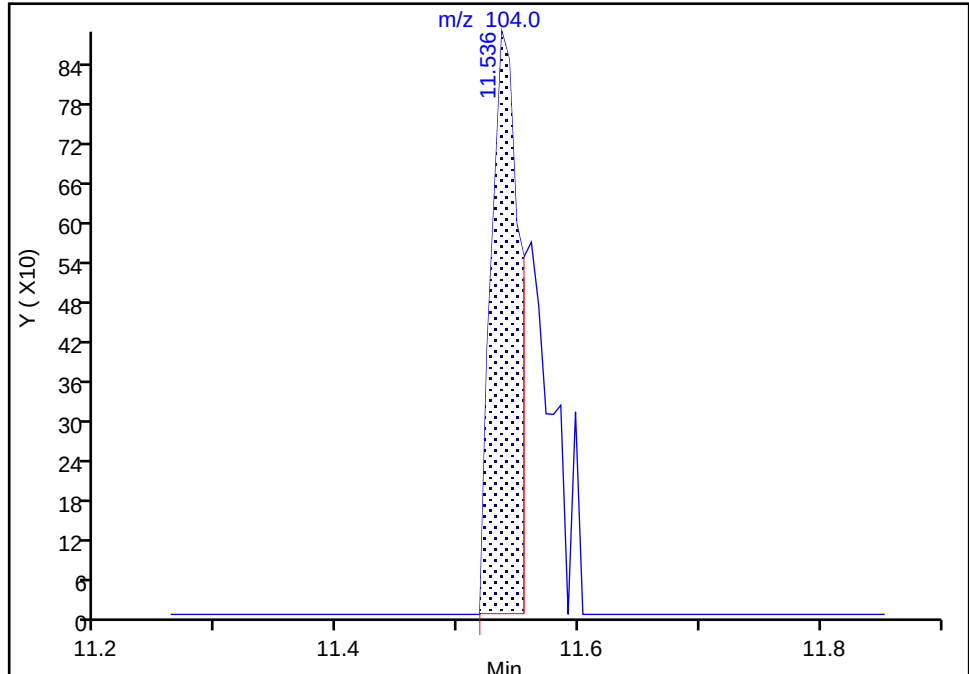
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

121 Styrene, CAS: 100-42-5

Signal: 1

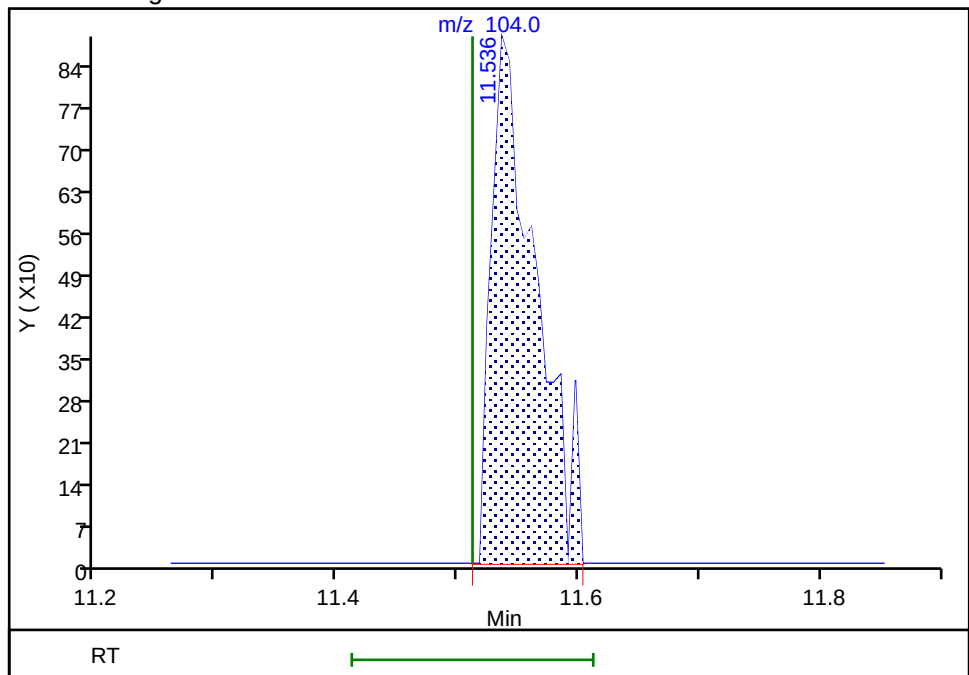
RT: 11.54
Area: 1428
Amount: 0.020544
Amount Units: ug/l

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

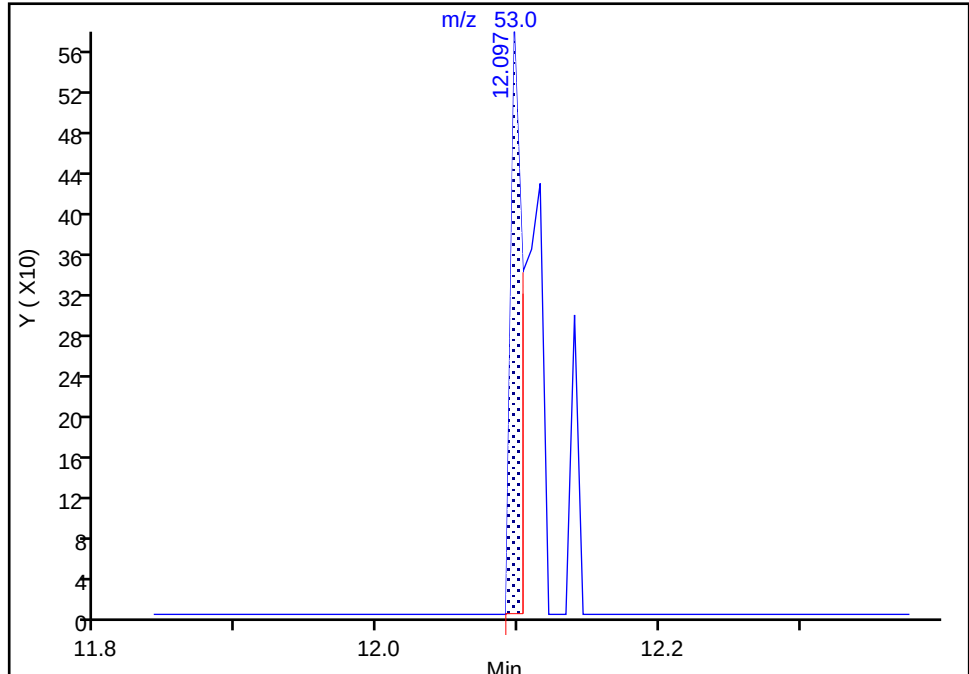
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 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

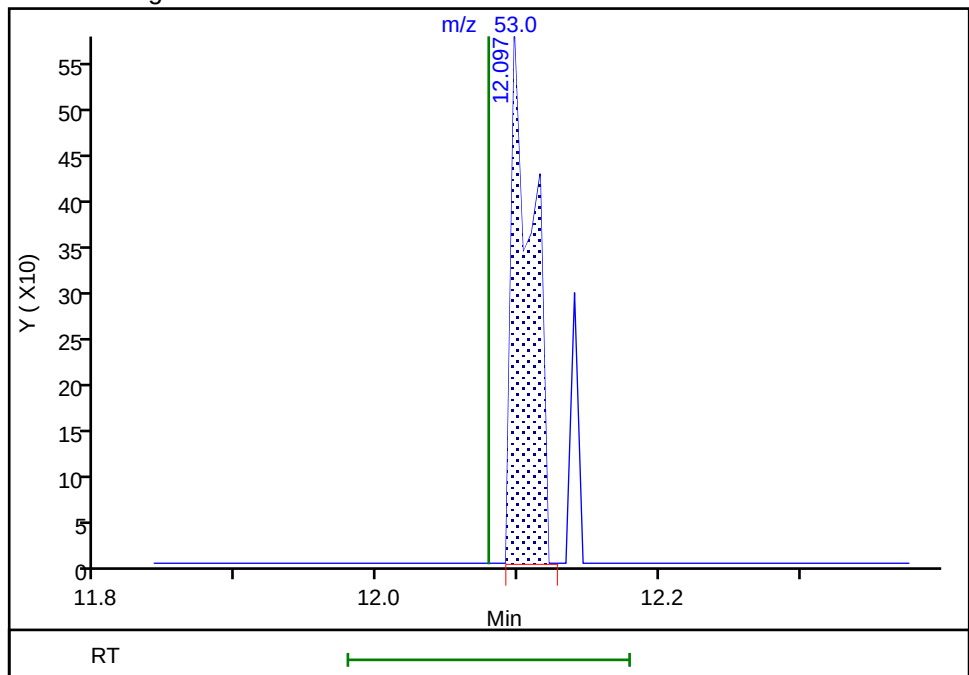
RT: 12.10
Area: 335
Amount: 0.098753
Amount Units: ug/l

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

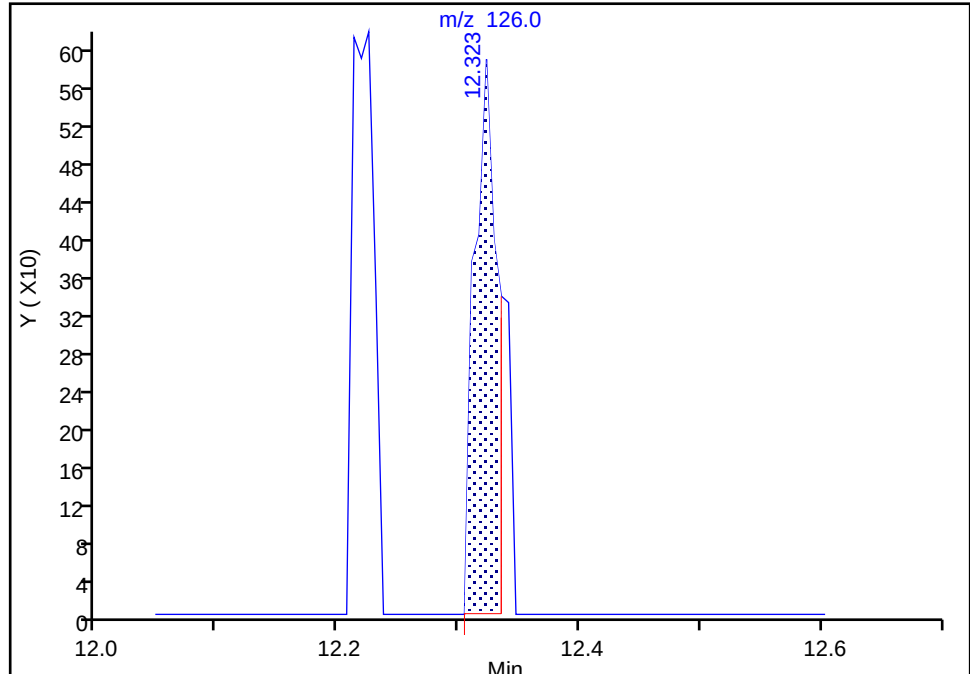
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X12.D
Injection Date: 27-Oct-2025 18:03:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: ecr105096 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

134 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

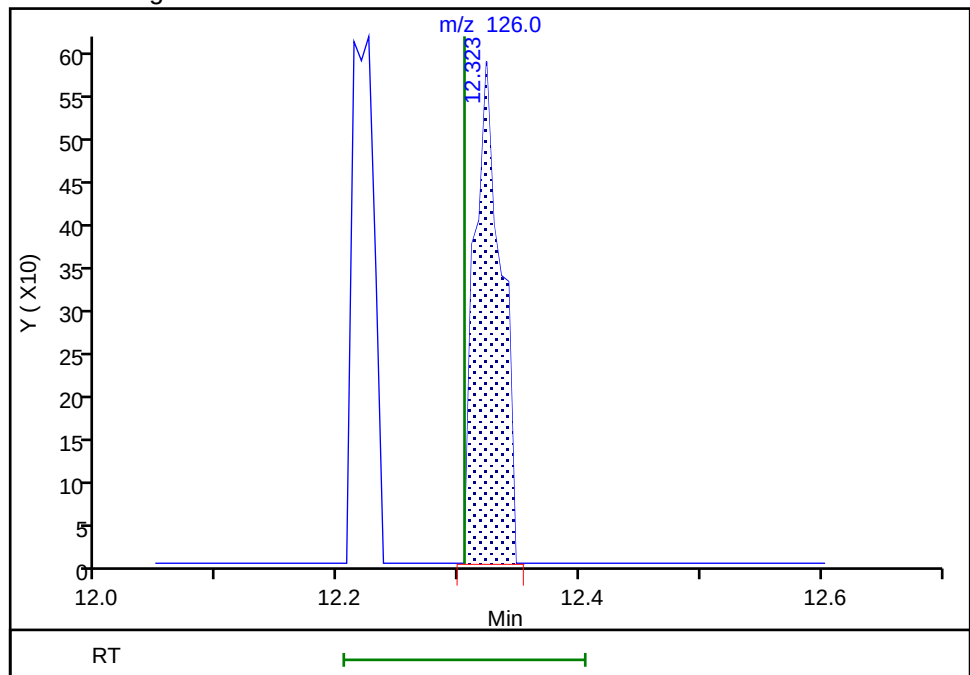
RT: 12.32
Area: 763
Amount: 0.013096
Amount Units: ug/l

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

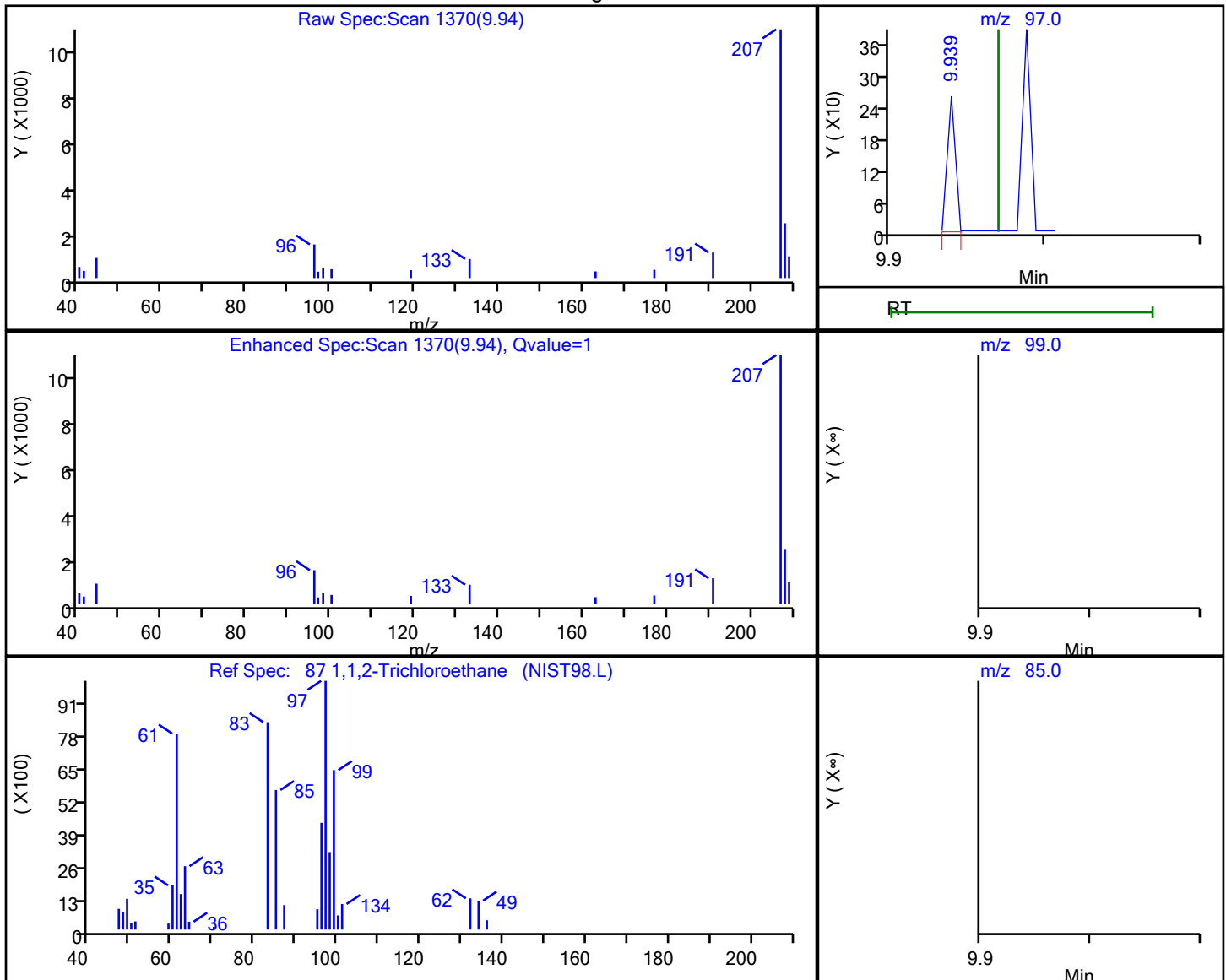
Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

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:

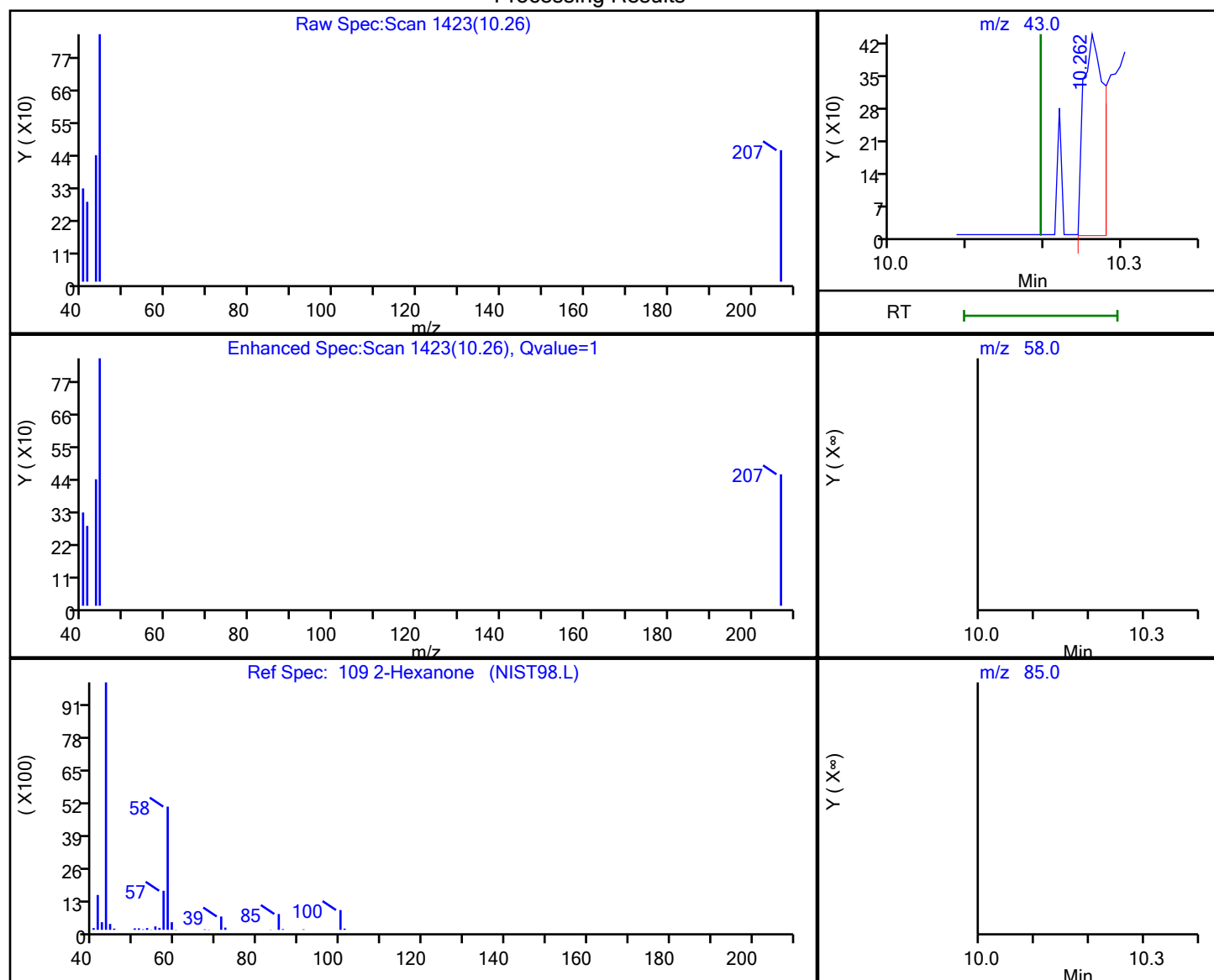
MSV - 8260C_D

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:

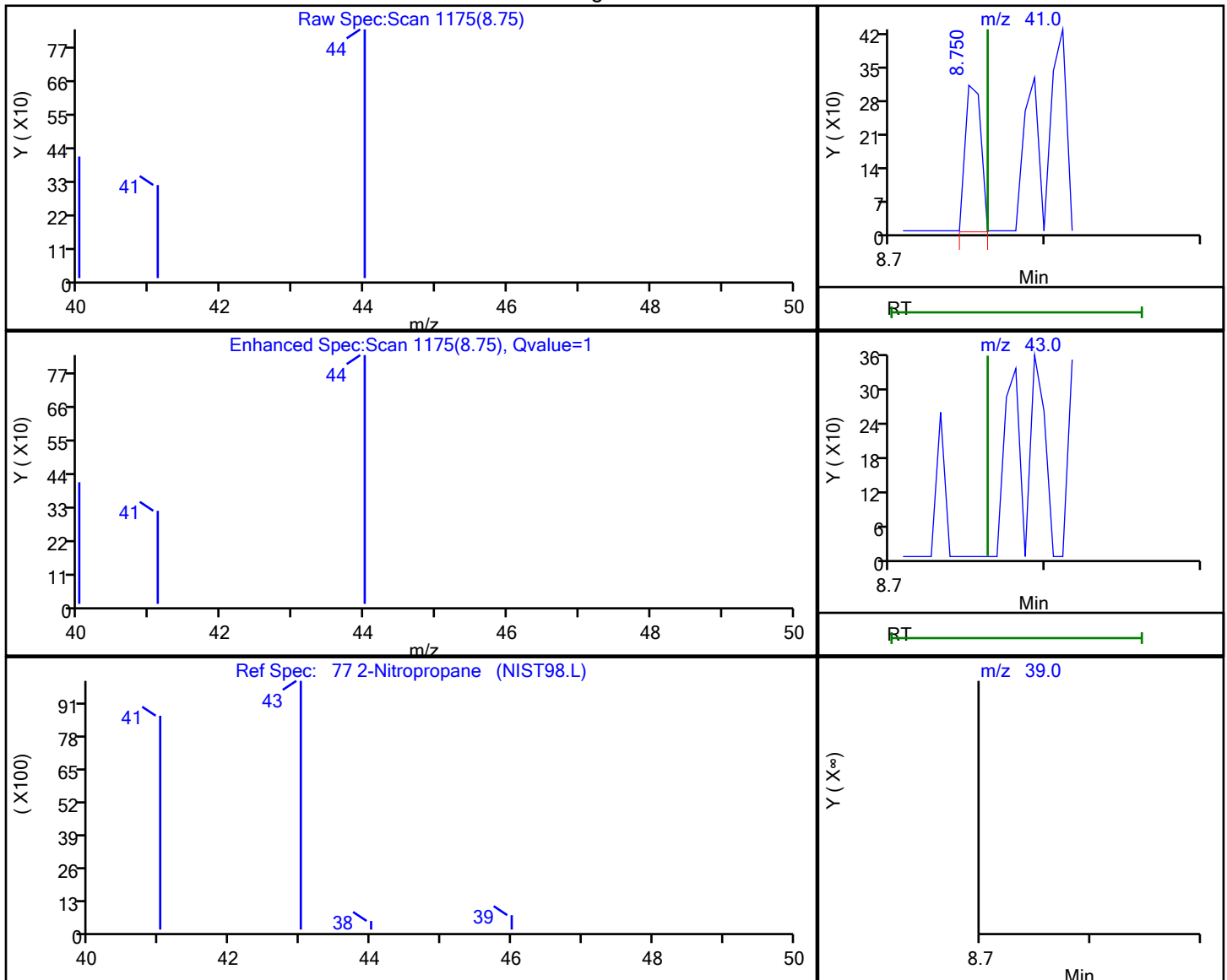
MSV - 8260C_D

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:

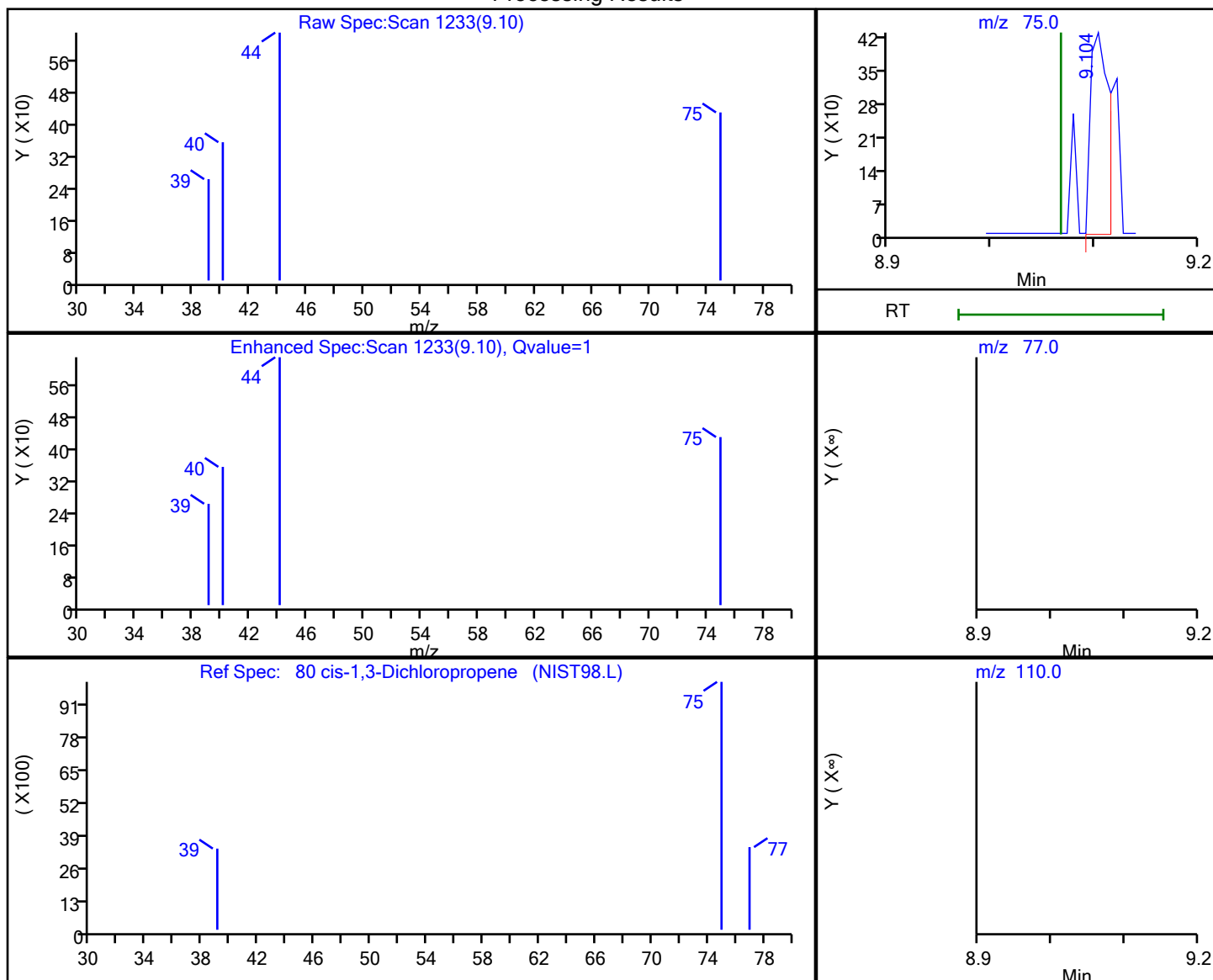
MSV - 8260C_D

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:

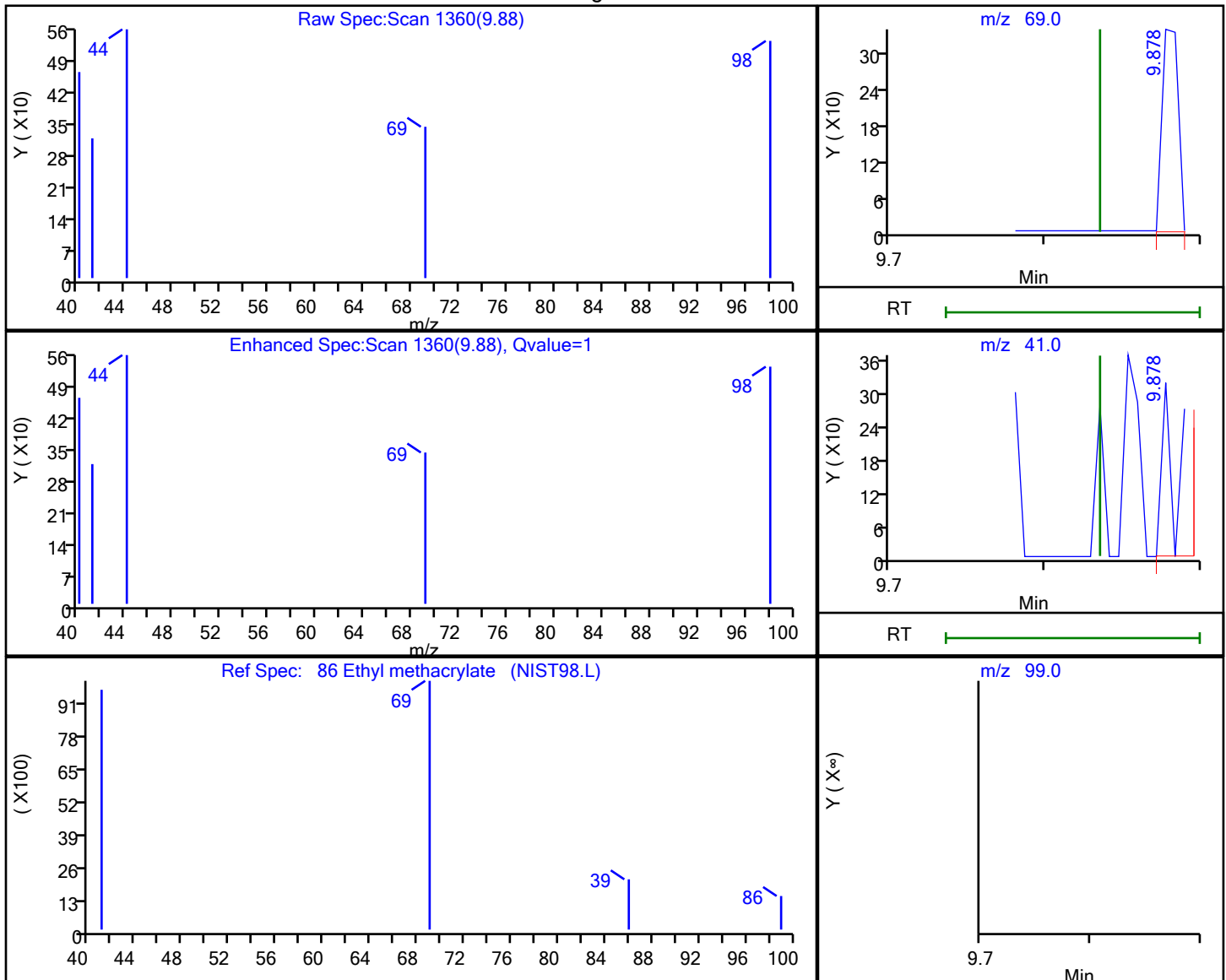
MSV - 8260C_D

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:

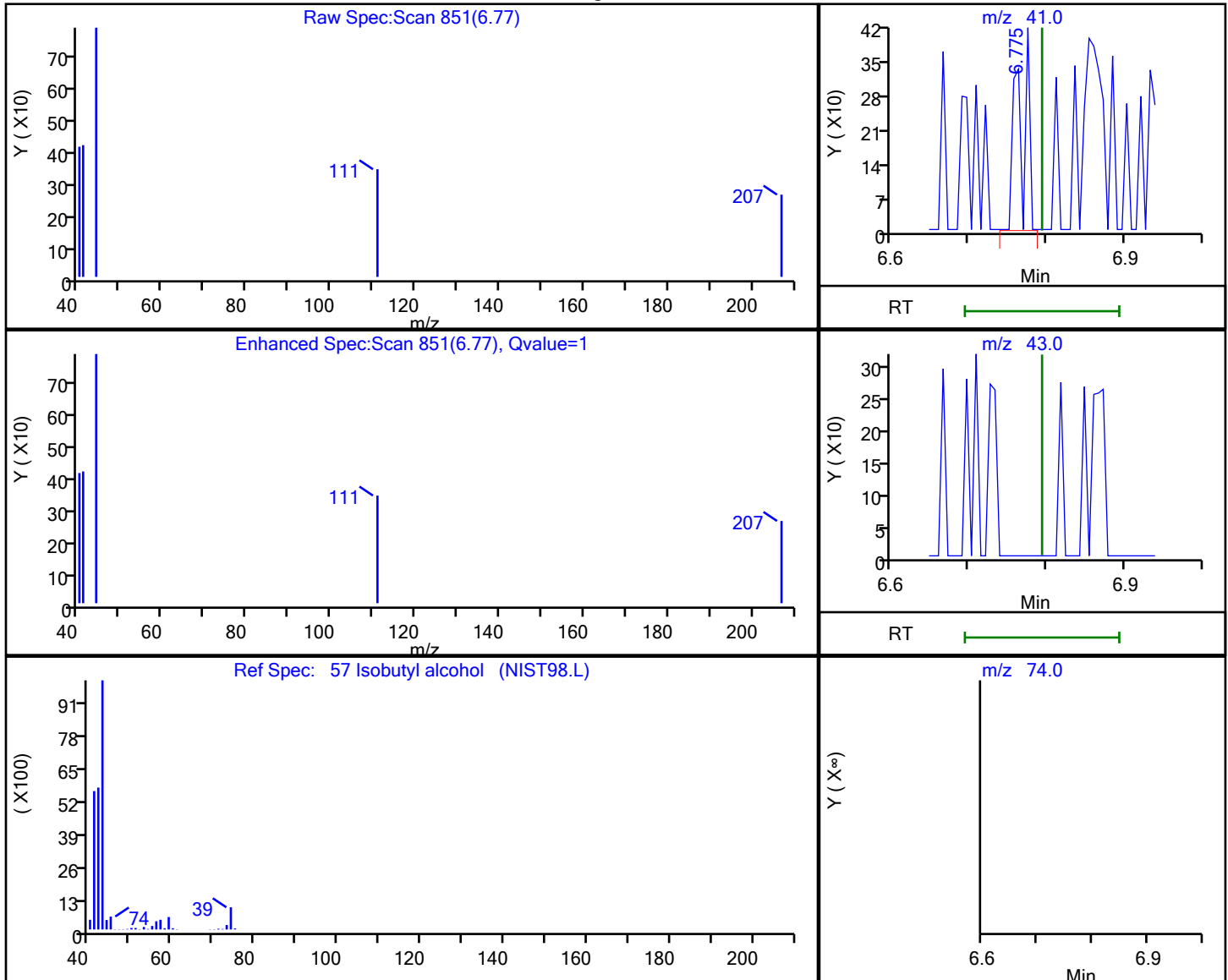
MSV - 8260C_D

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:

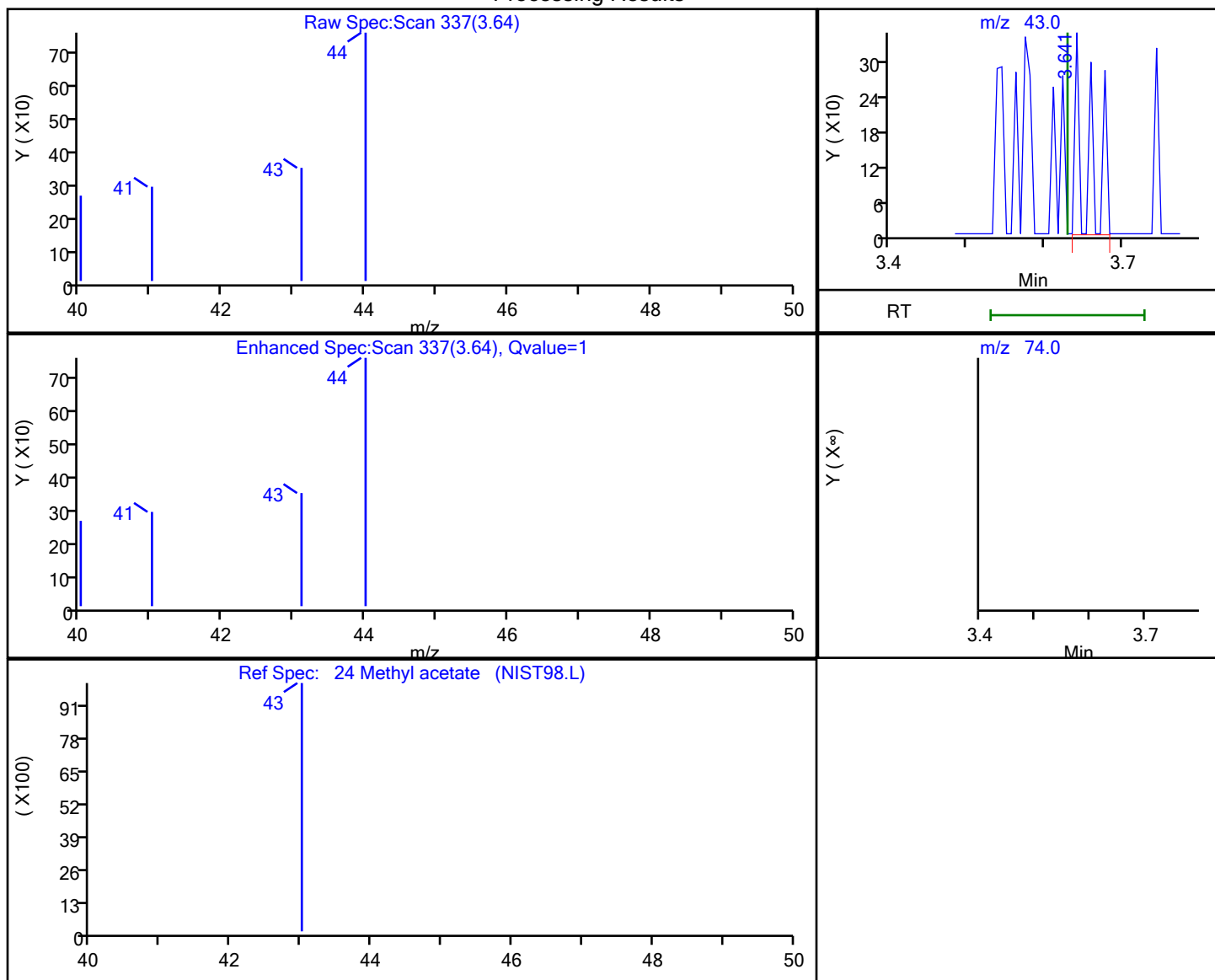
MSV - 8260C_D

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

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

Operator ID: ecr105096

Lims ID: IC std2 0.06

Worklist Smp#: 14

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

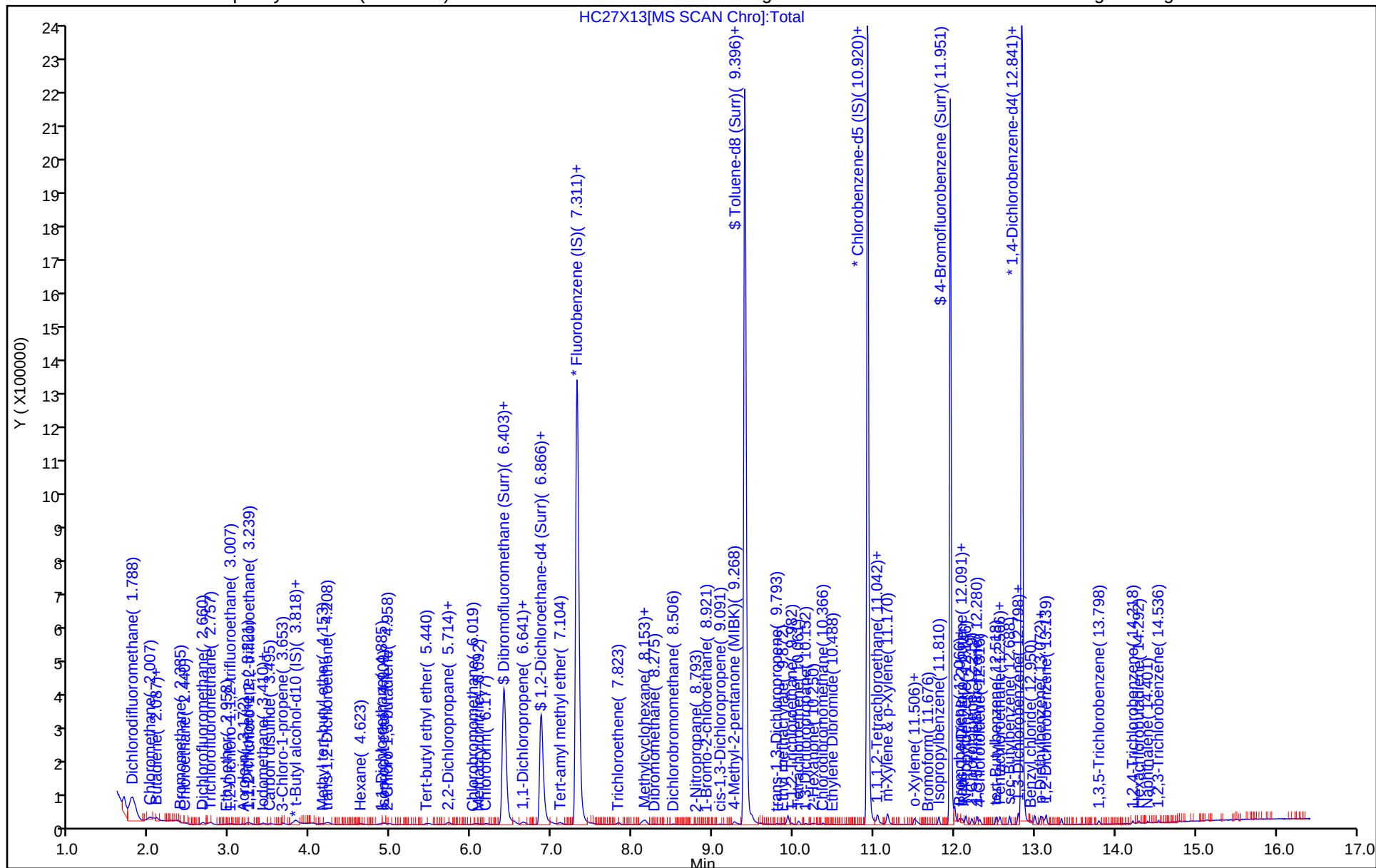
ALS Bottle#: 13

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

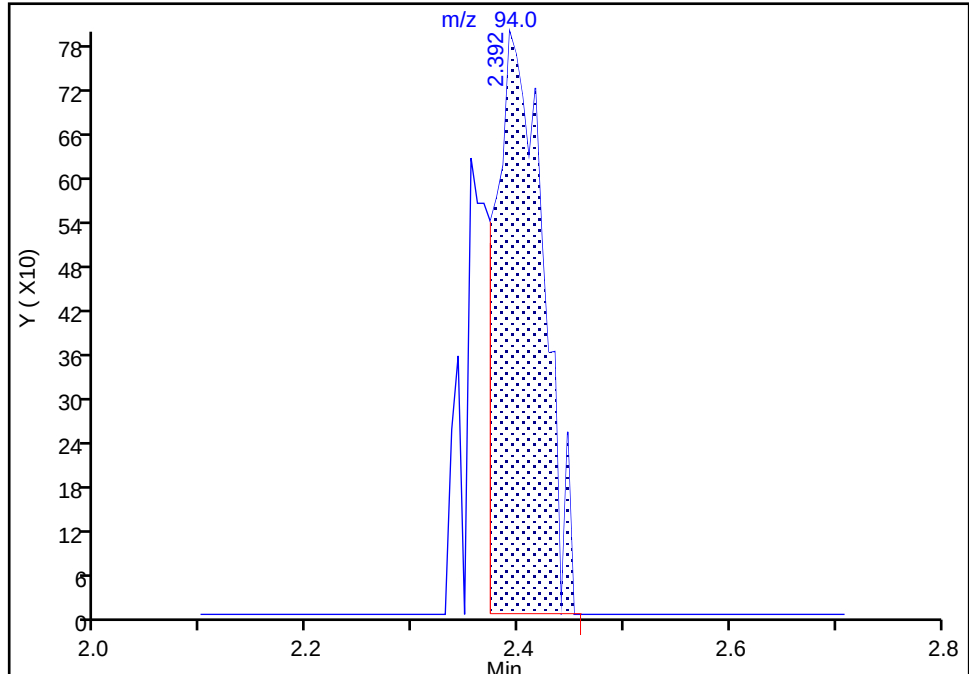
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Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

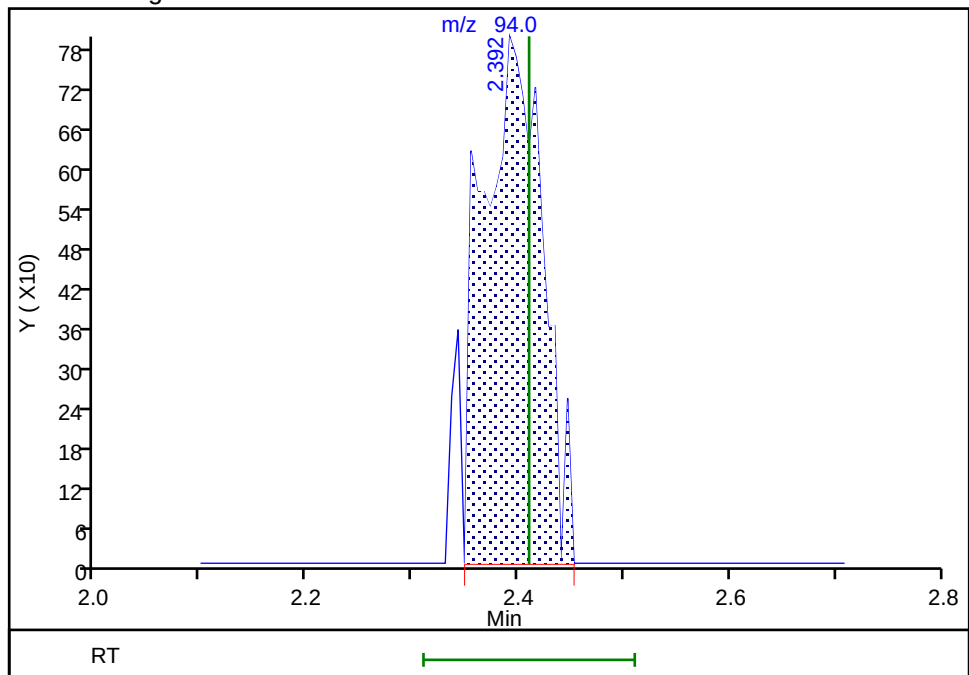
RT: 2.39
Area: 2496
Amount: 0.051337
Amount Units: ug/l

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

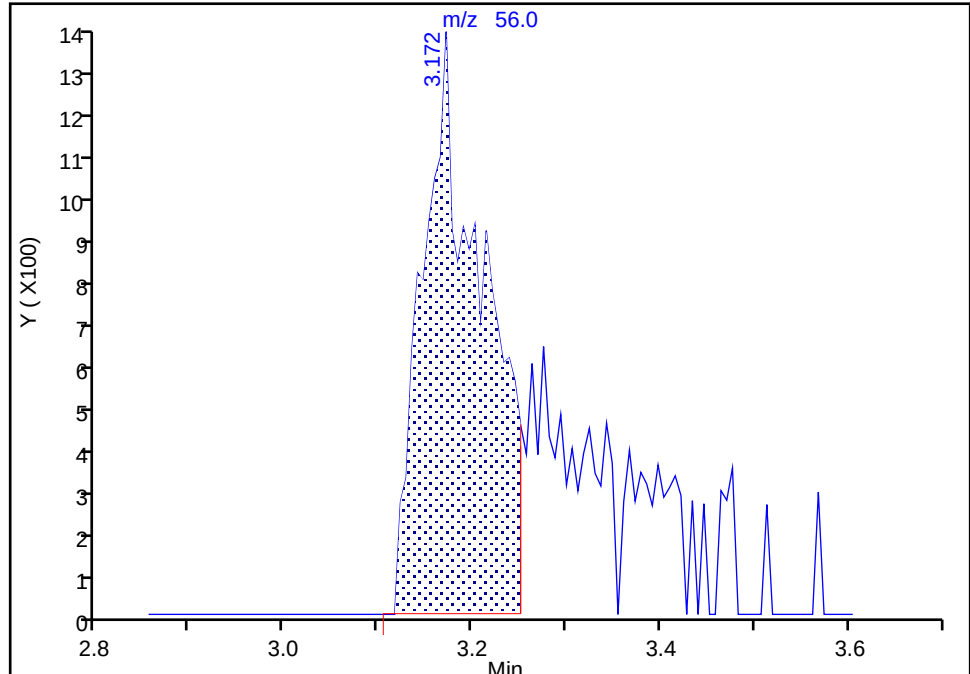
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Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

16 Acrolein, CAS: 107-02-8

Signal: 1

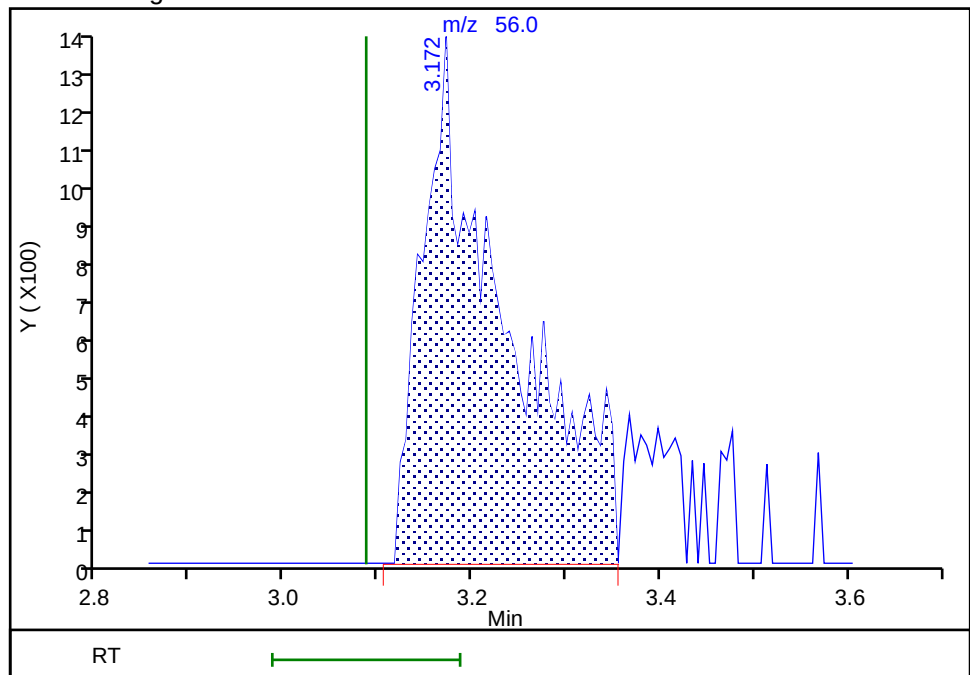
RT: 3.17
Area: 6001
Amount: 1.545051
Amount Units: ug/l

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

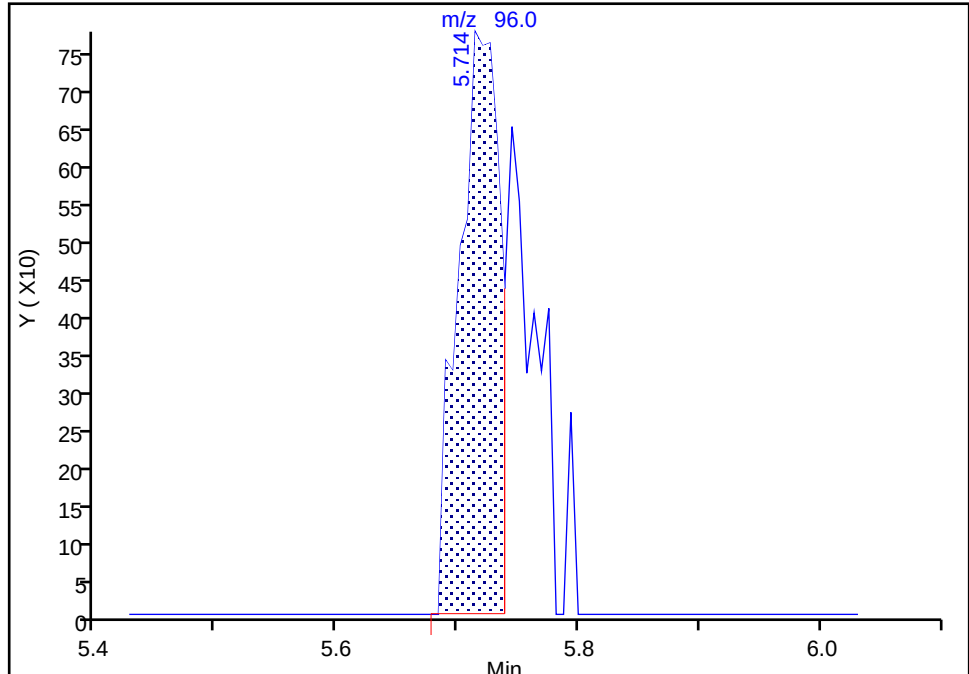
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Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

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

Signal: 1

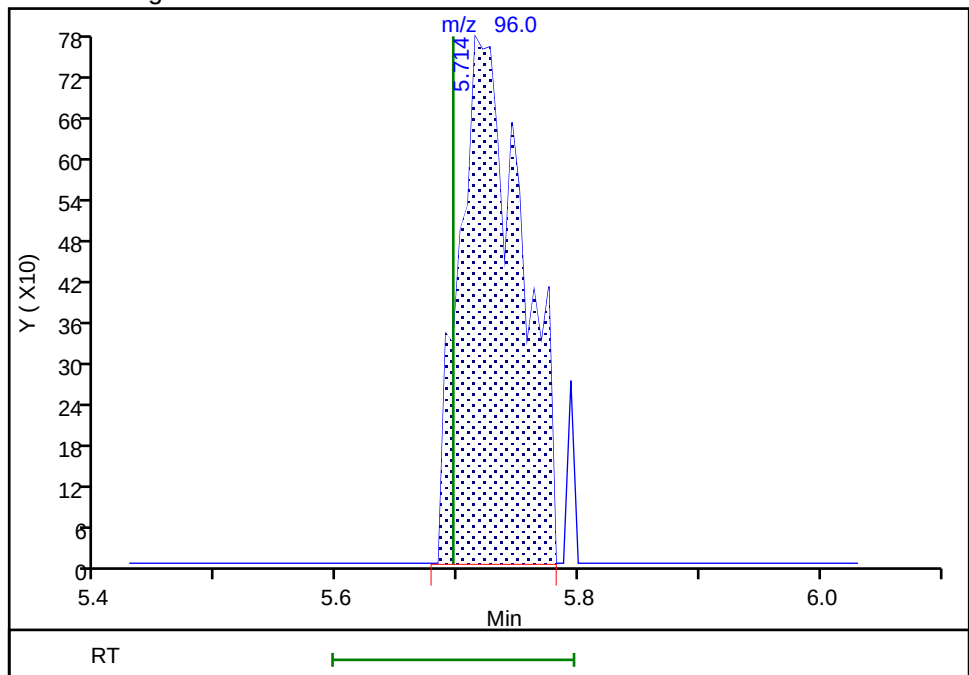
RT: 5.71
Area: 1836
Amount: 0.035864
Amount Units: ug/l

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

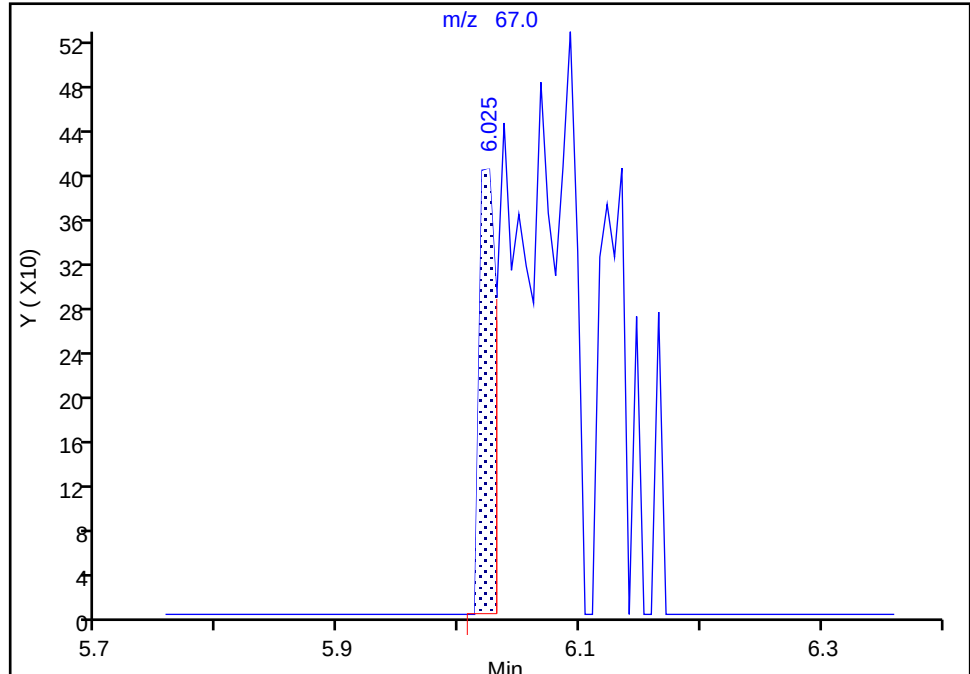
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Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

46 Methacrylonitrile, CAS: 126-98-7

Signal: 1

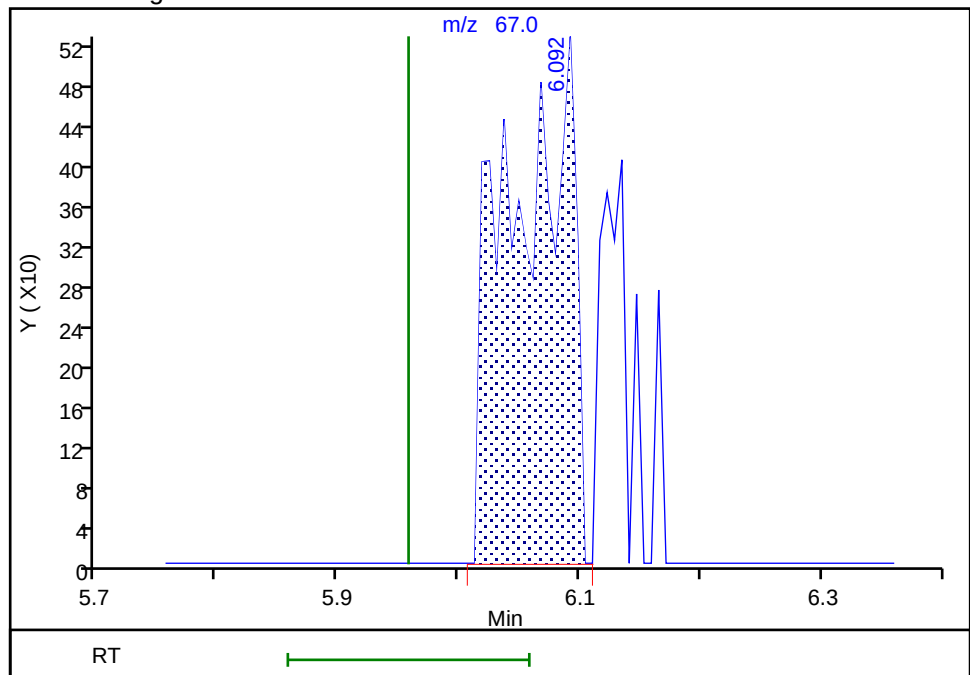
RT: 6.02
Area: 402
Amount: 0.756525
Amount Units: ug/l

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

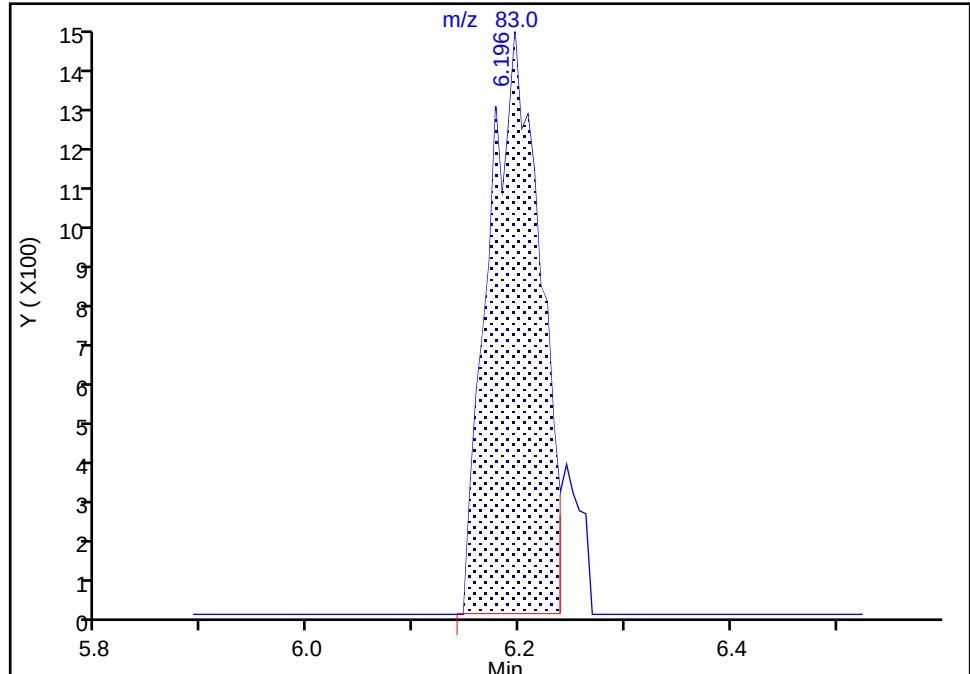
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Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

50 Chloroform, CAS: 67-66-3

Signal: 1

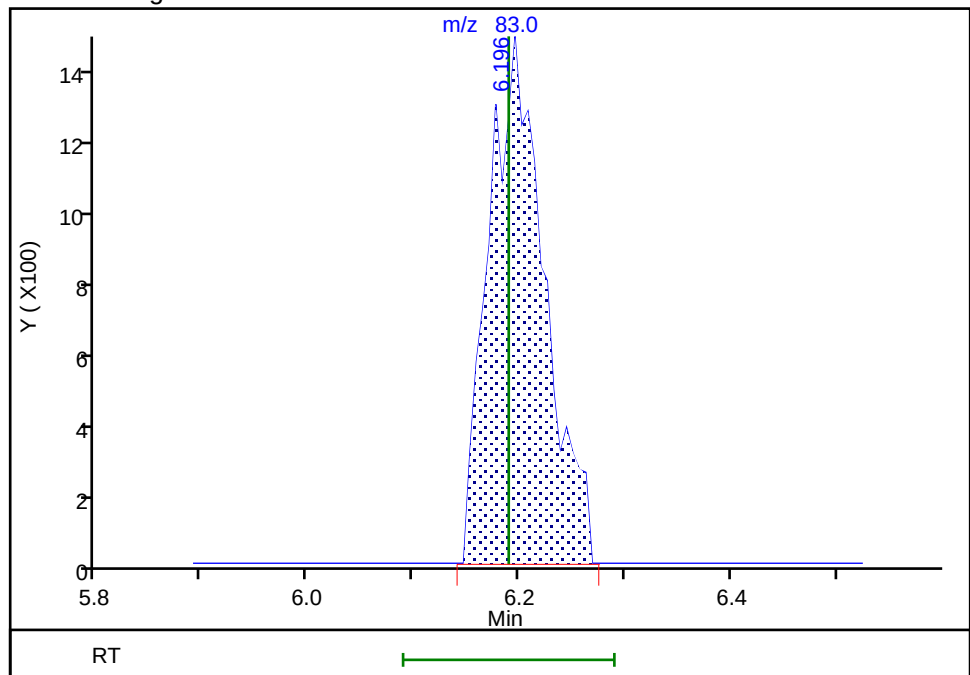
RT: 6.20
Area: 4954
Amount: 0.056080
Amount Units: ug/l

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

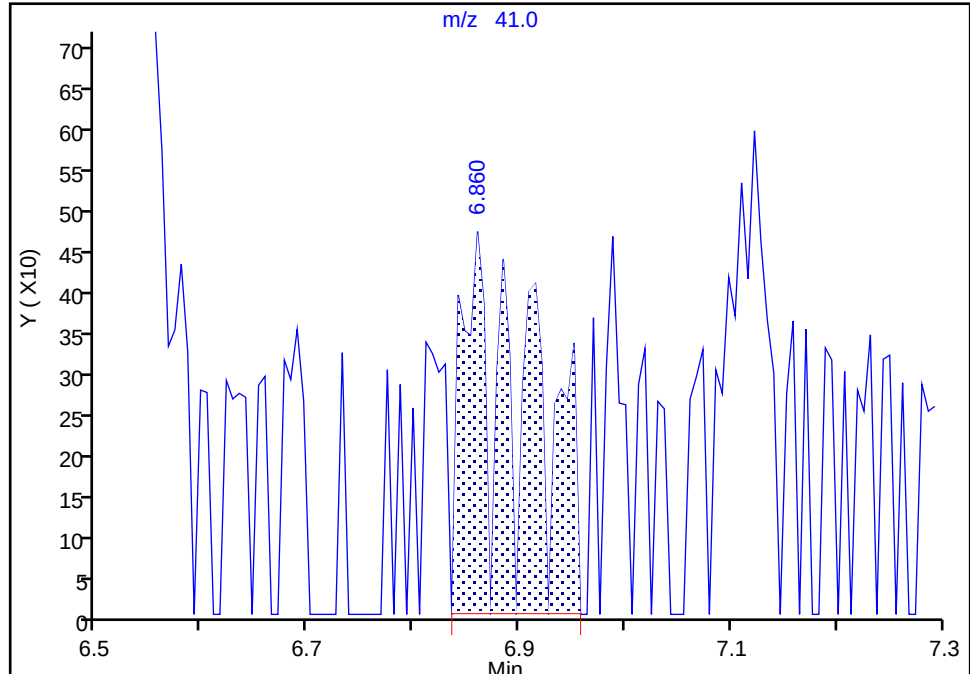
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Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

57 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

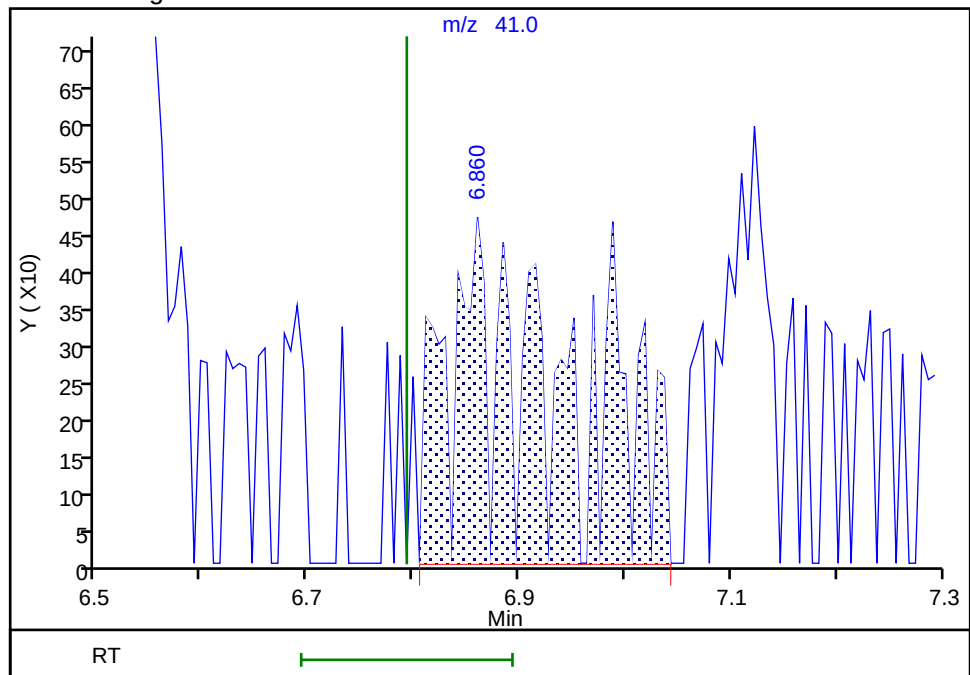
RT: 6.86
Area: 2017
Amount: 3.486903
Amount Units: ug/l

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

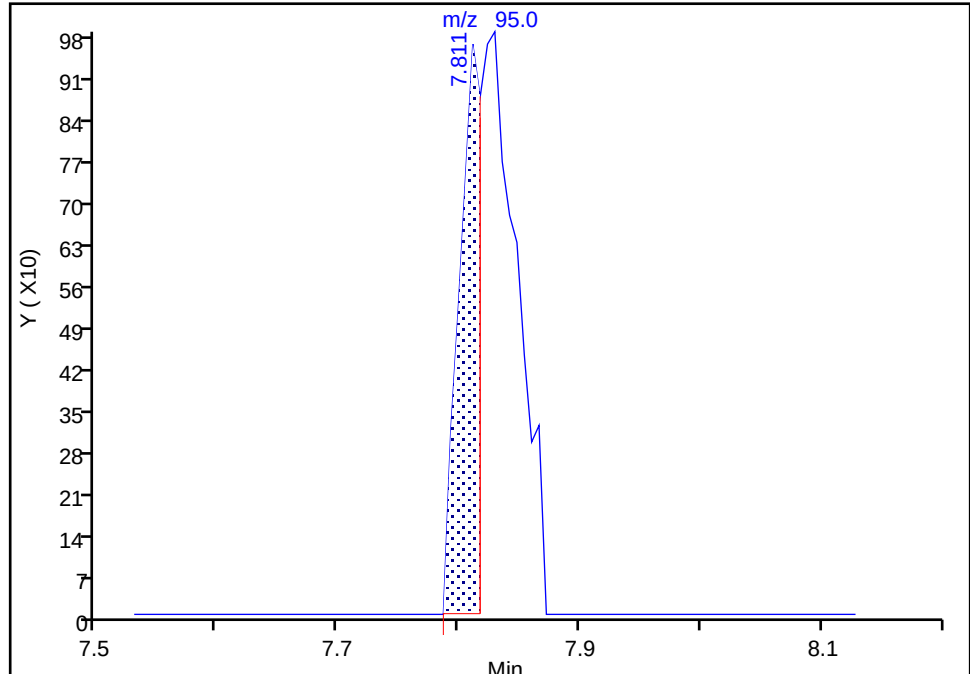
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Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

67 Trichloroethene, CAS: 79-01-6

Signal: 1

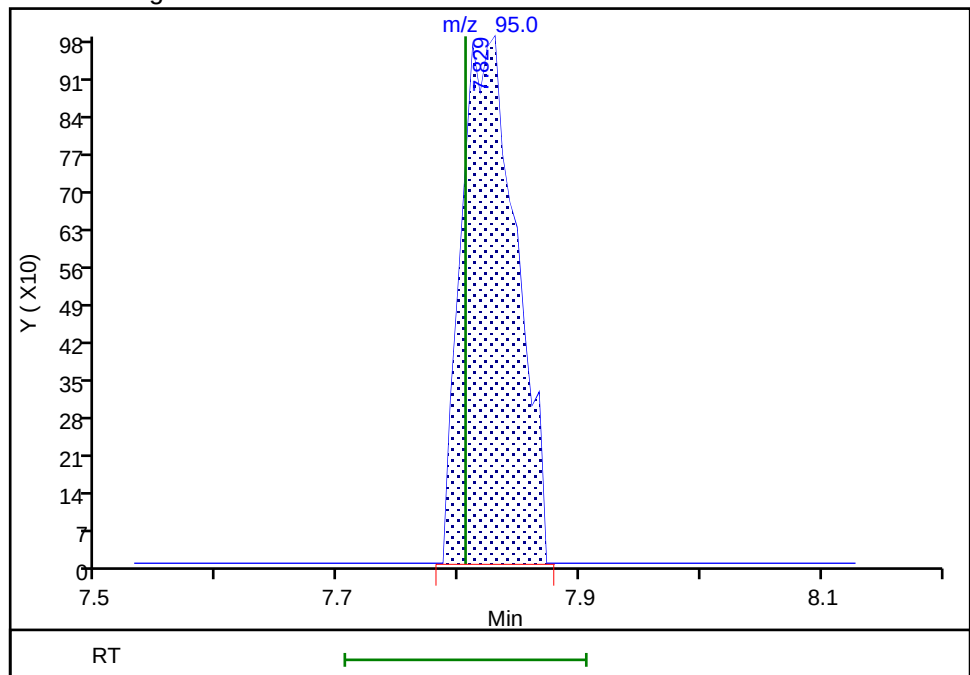
RT: 7.81
Area: 1244
Amount: 0.024209
Amount Units: ug/l

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

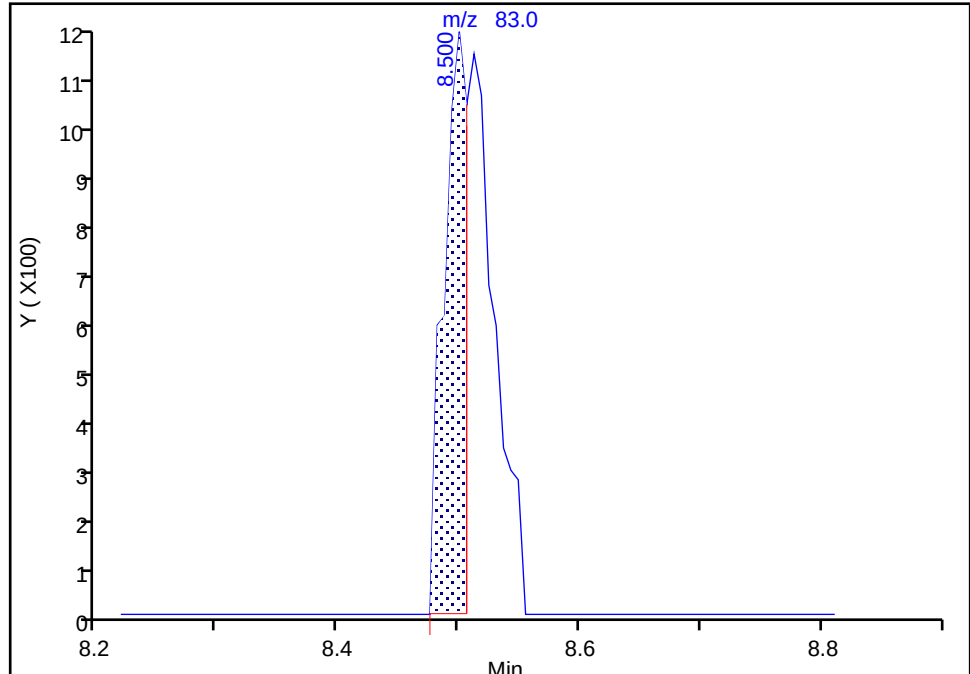
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Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

76 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

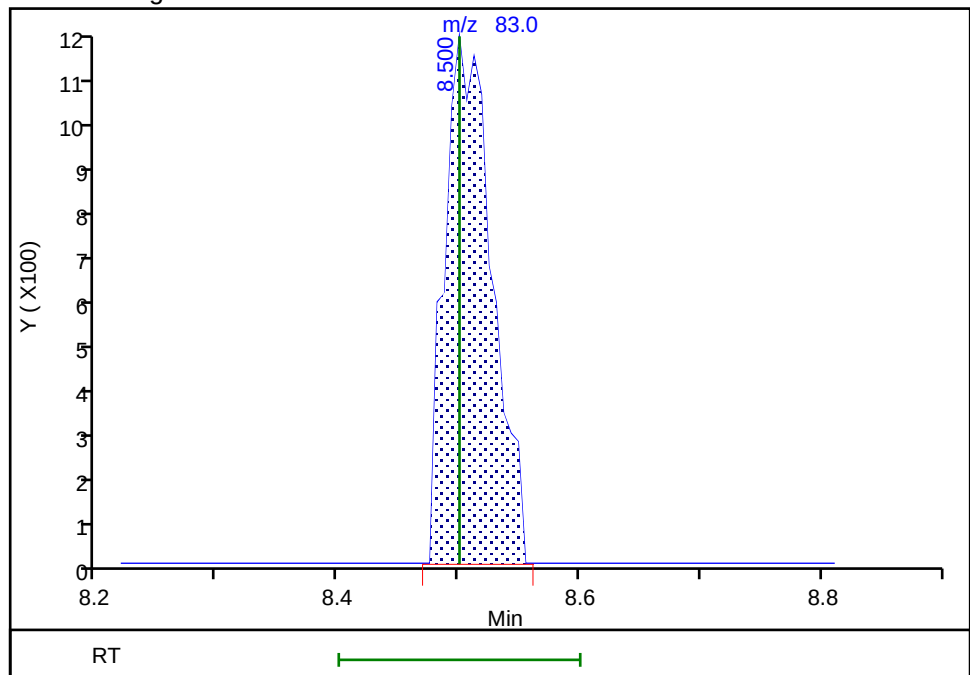
RT: 8.50
Area: 1580
Amount: 0.030880
Amount Units: ug/l

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

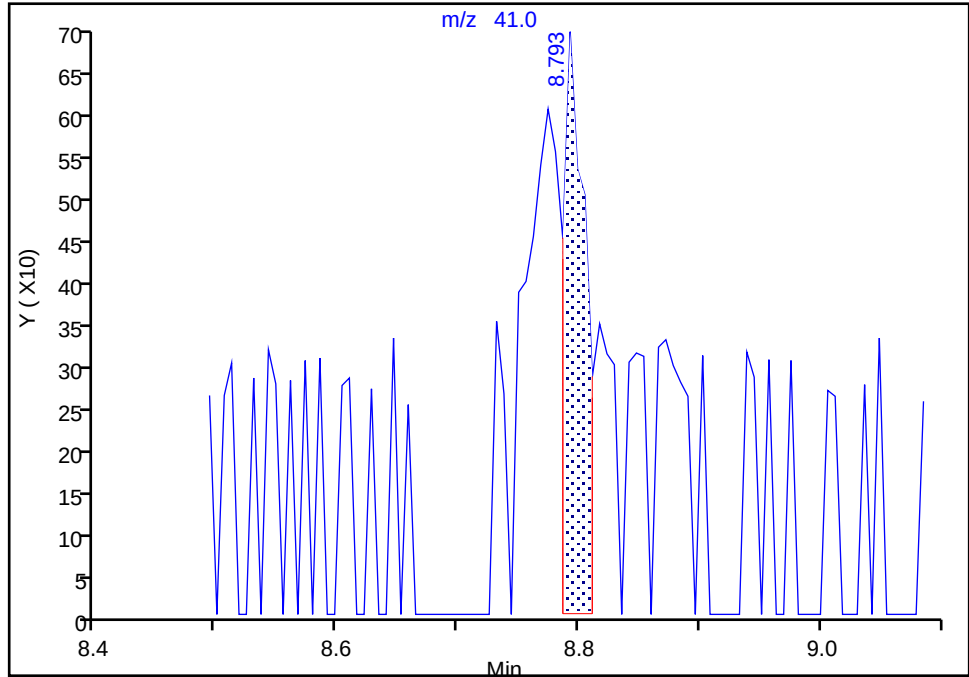
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Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

77 2-Nitropropane, CAS: 79-46-9

Signal: 1

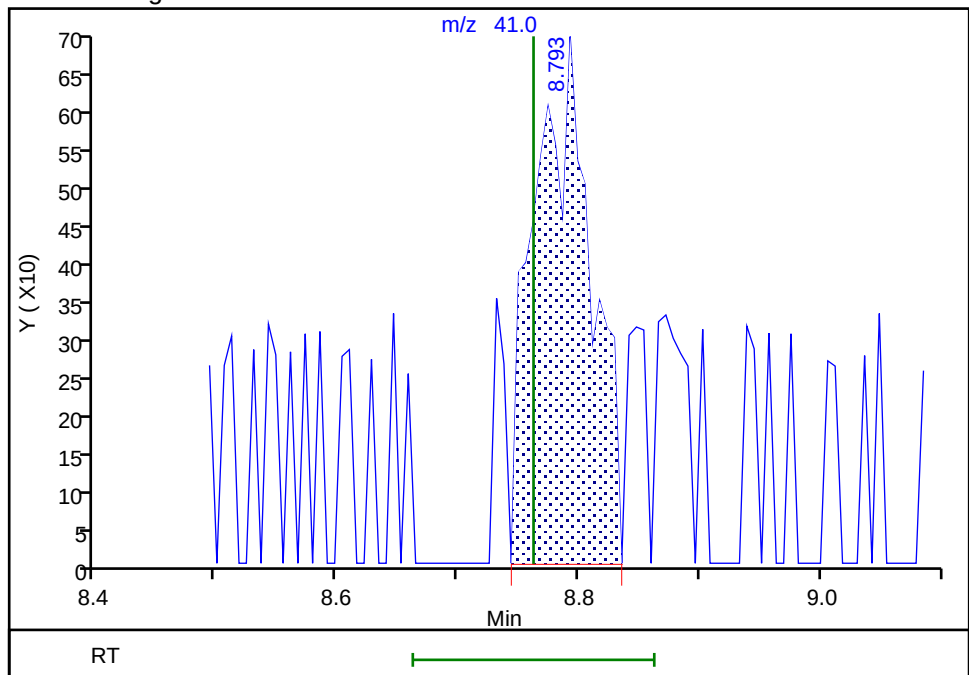
RT: 8.79
Area: 905
Amount: 0.158577
Amount Units: ug/l

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

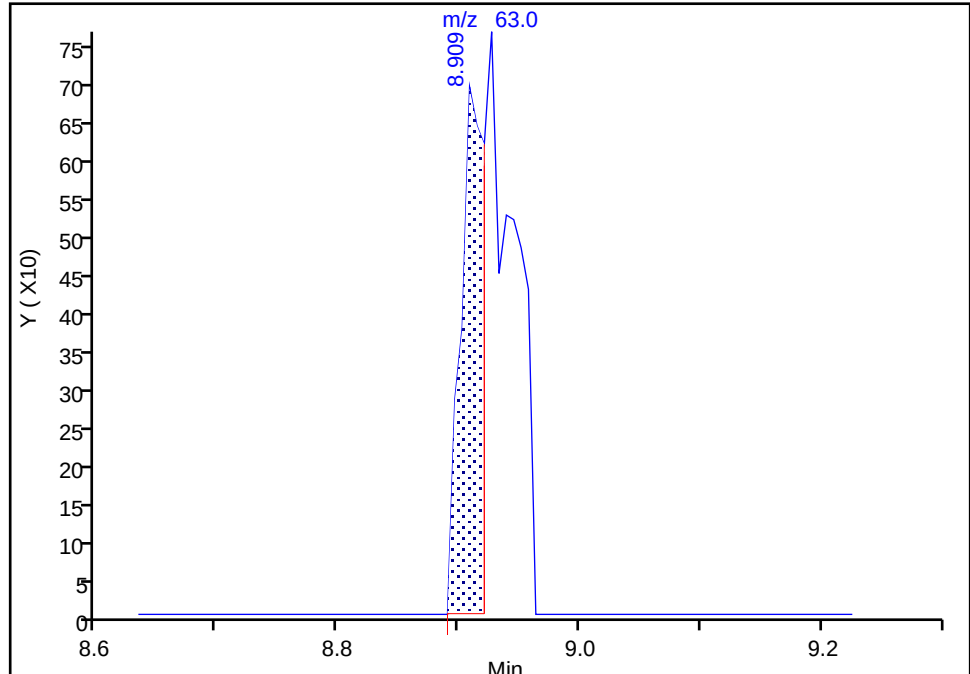
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X13.D
Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 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

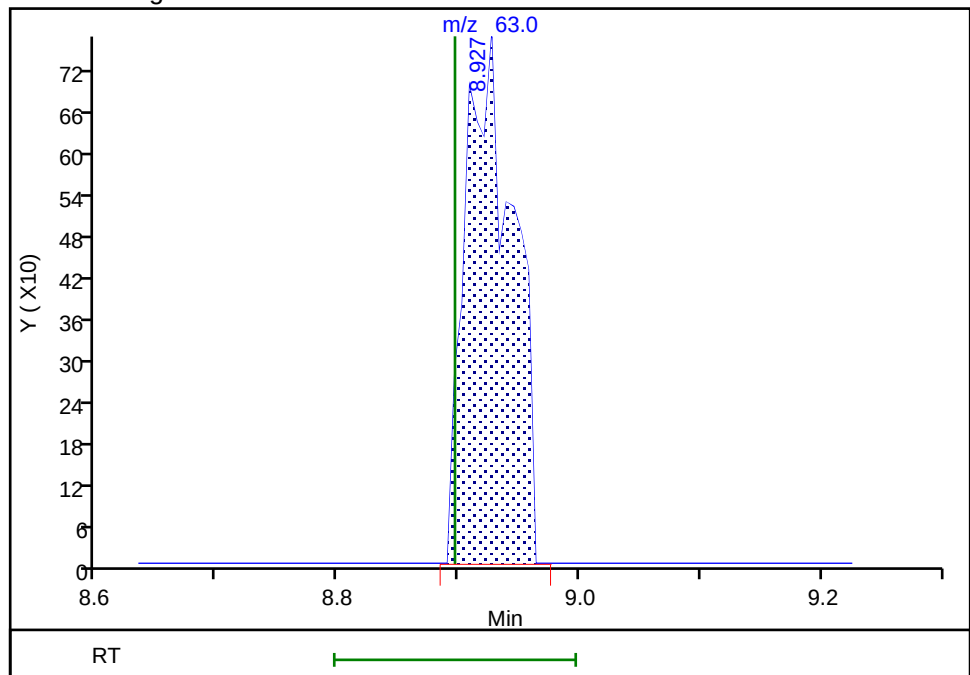
RT: 8.91
Area: 960
Amount: 0.023524
Amount Units: ug/l

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

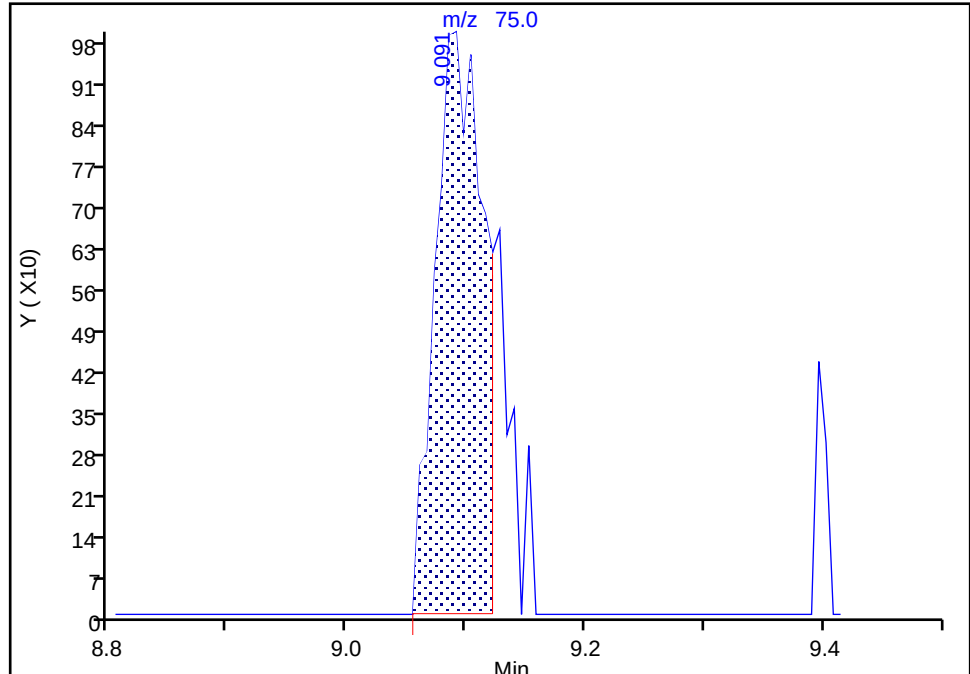
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X13.D
Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 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

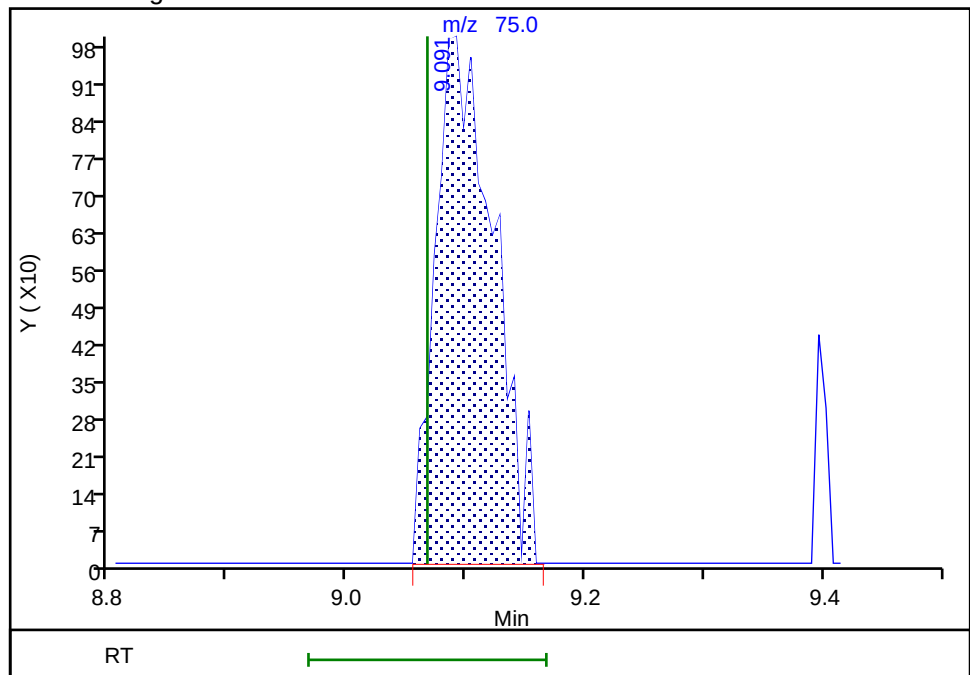
RT: 9.09
Area: 2776
Amount: 0.045806
Amount Units: ug/l

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

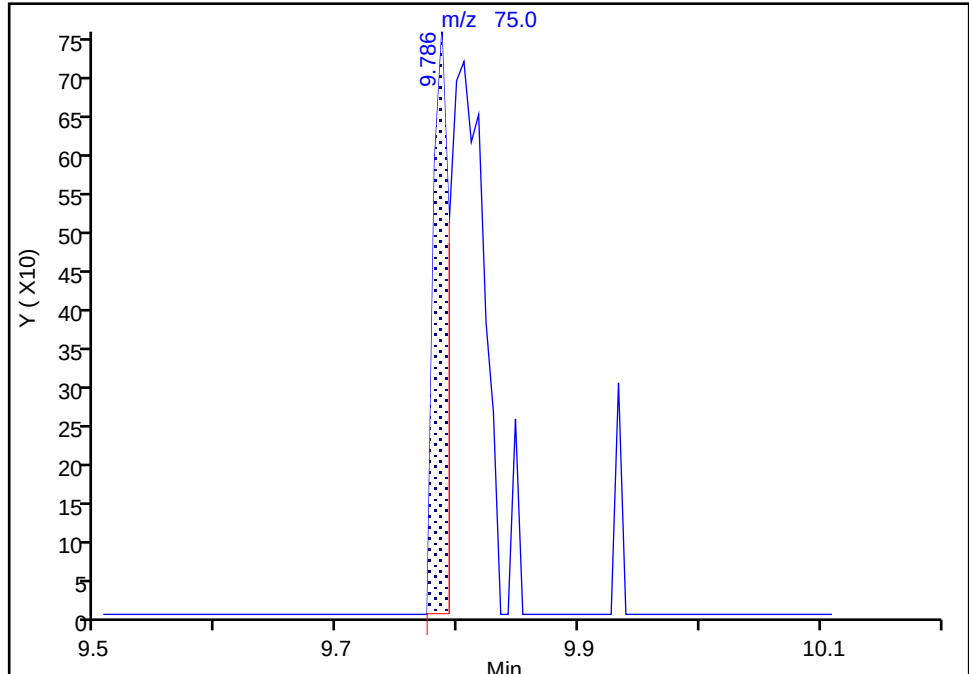
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X13.D
Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 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

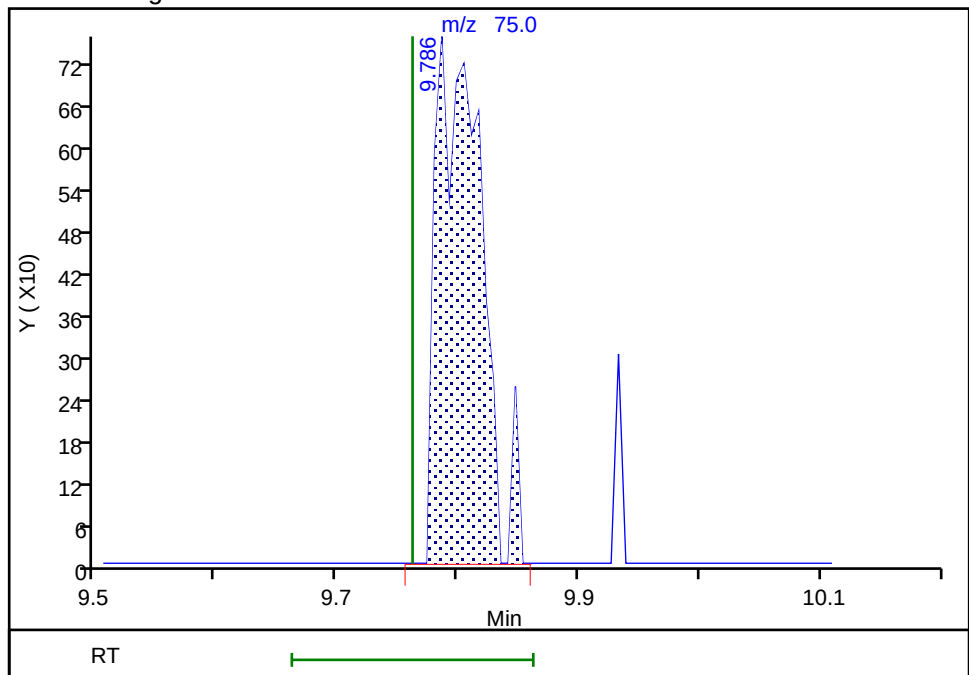
RT: 9.79
Area: 681
Amount: 0.060337
Amount Units: ug/l

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

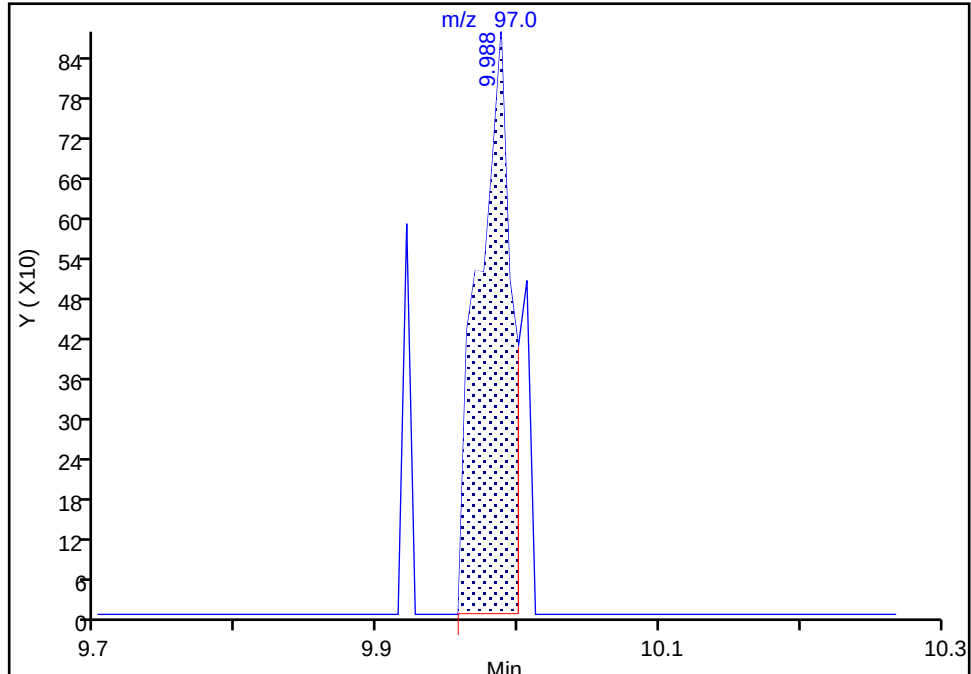
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X13.D
Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 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

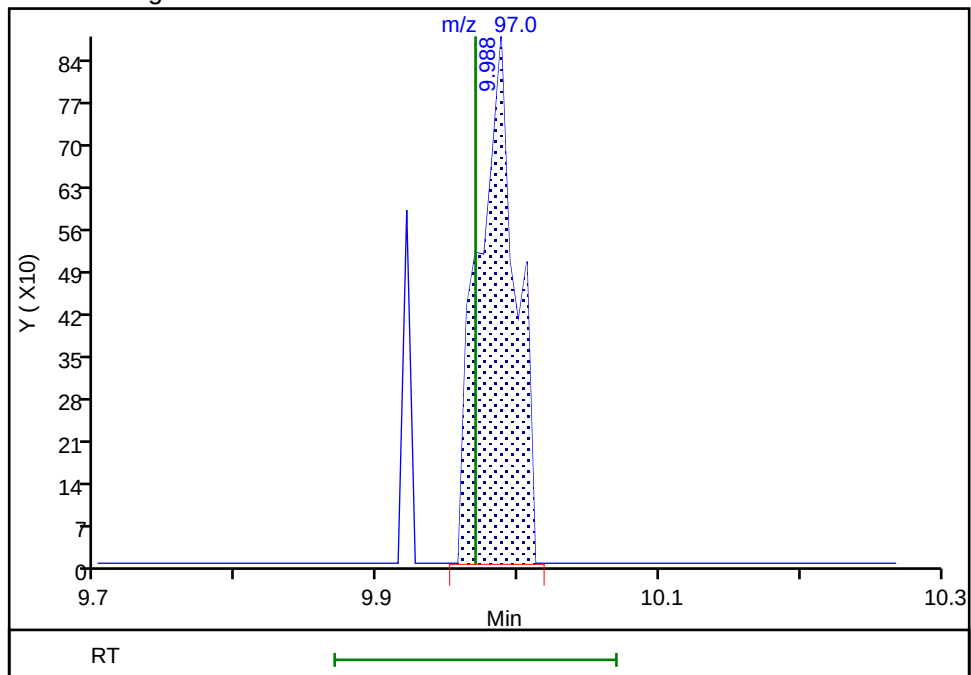
RT: 9.99
Area: 1427
Amount: 0.063347
Amount Units: ug/l

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

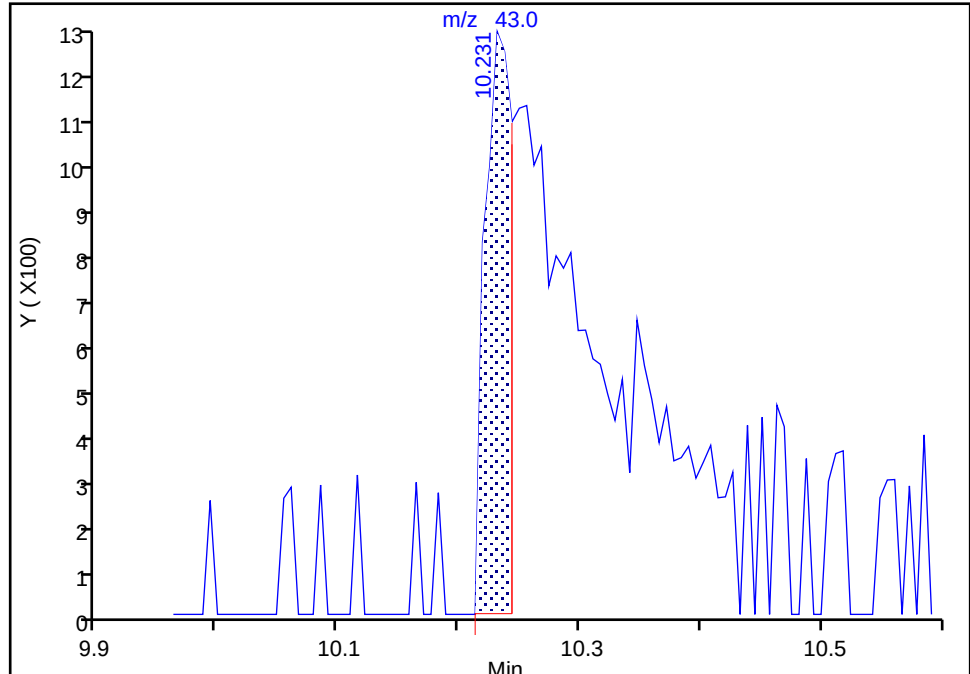
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X13.D
Injection Date: 27-Oct-2025 18:24:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: ecr105096 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

109 2-Hexanone, CAS: 591-78-6

Signal: 1

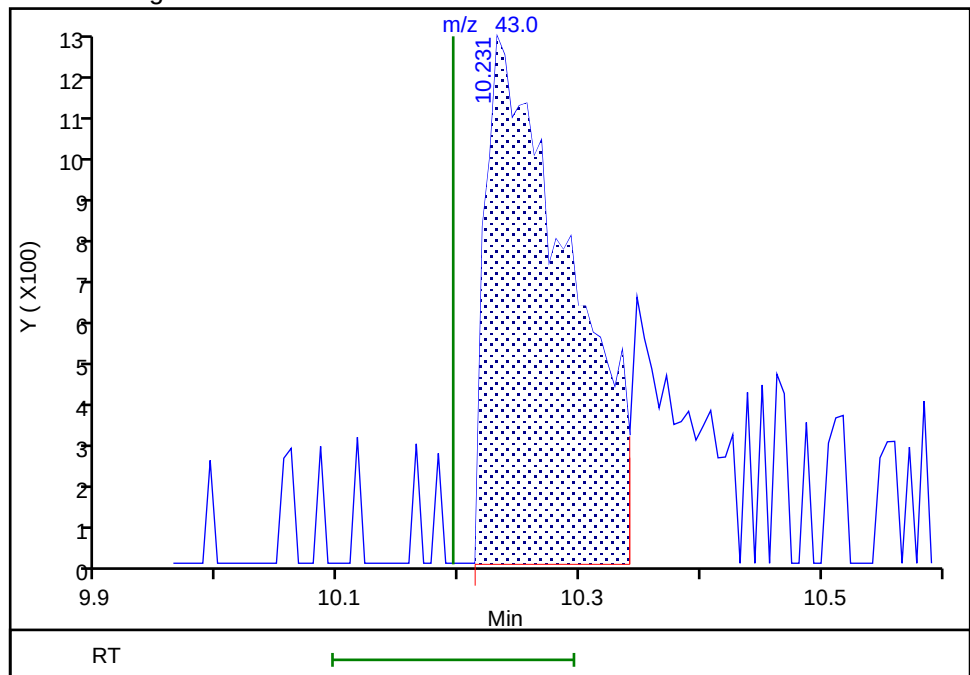
RT: 10.23
Area: 1975
Amount: 0.147942
Amount Units: ug/l

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

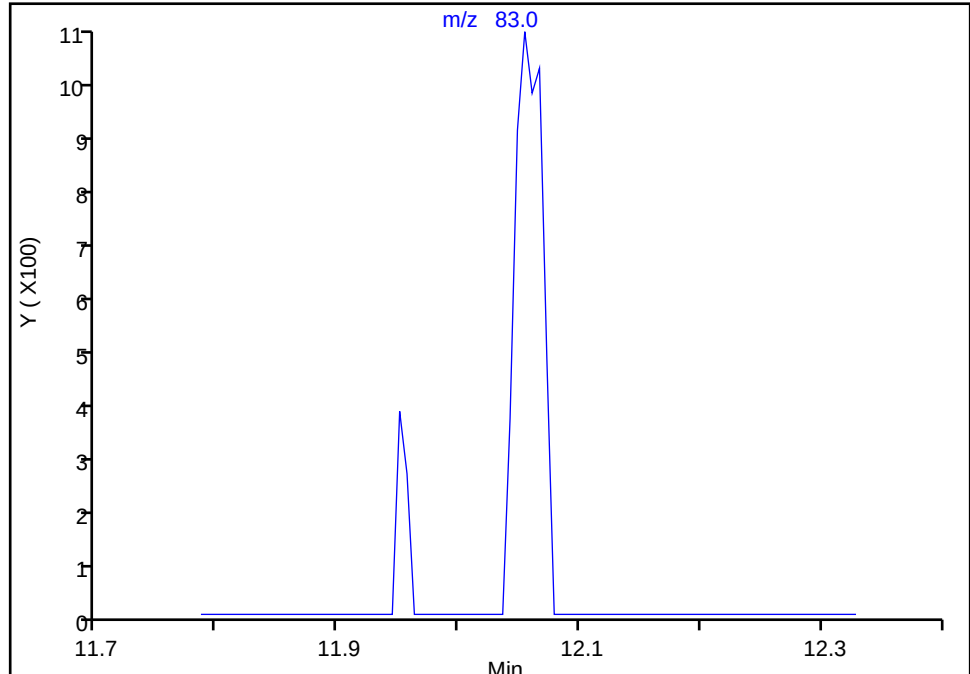
Eurofins Lancaster Laboratories Environment Testing, LLC

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) Detector: MS Quad

127 1,1,2,2-Tetrachloroethane, CAS: 79-34-5
Signal: 1

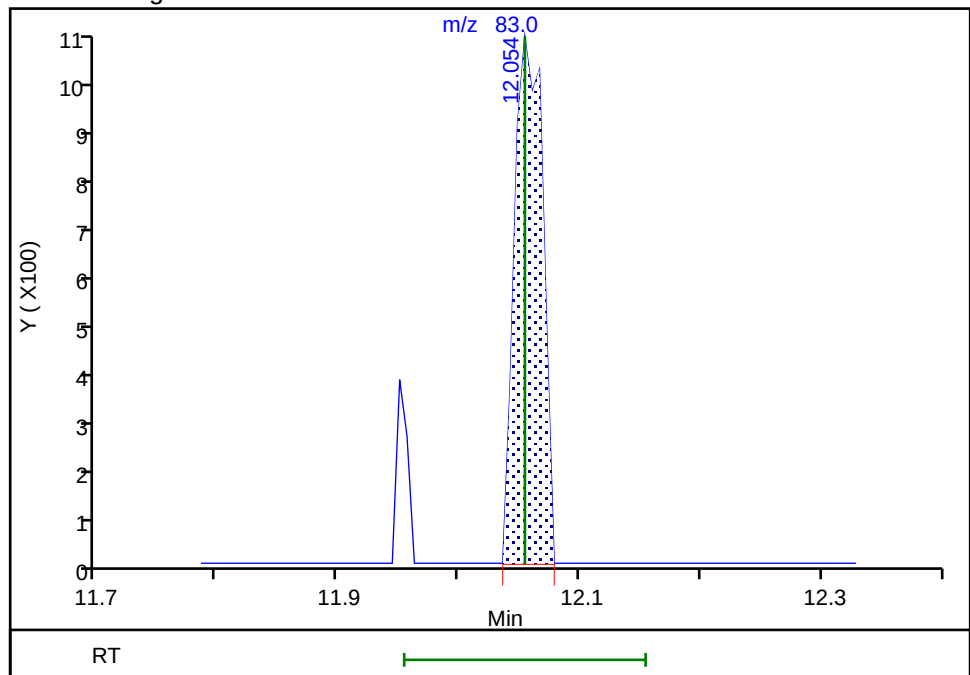
Not Detected
Expected RT: 12.05

Processing Integration Results



RT: 12.05
Area: 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:

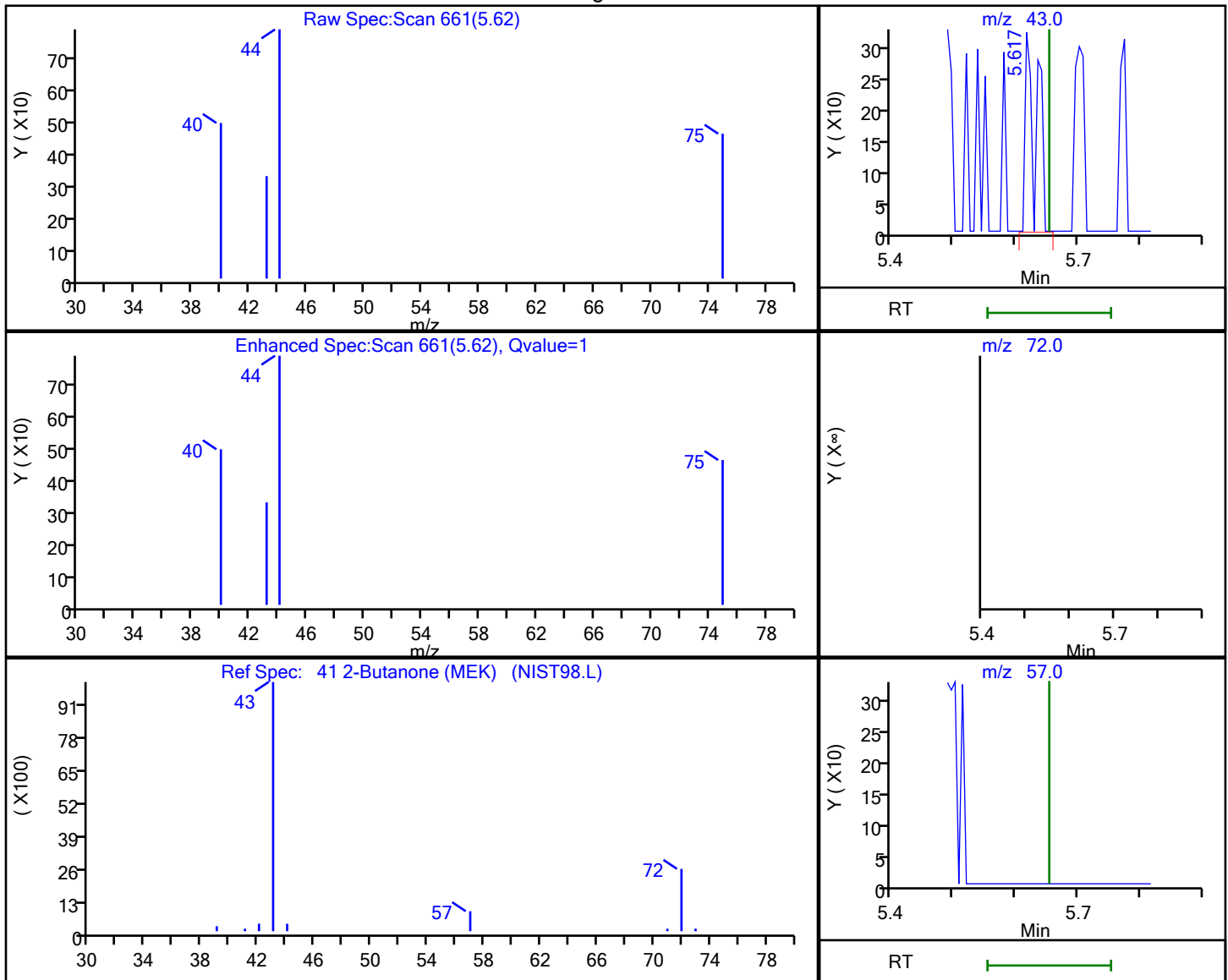
MSV - 8260C_D

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:

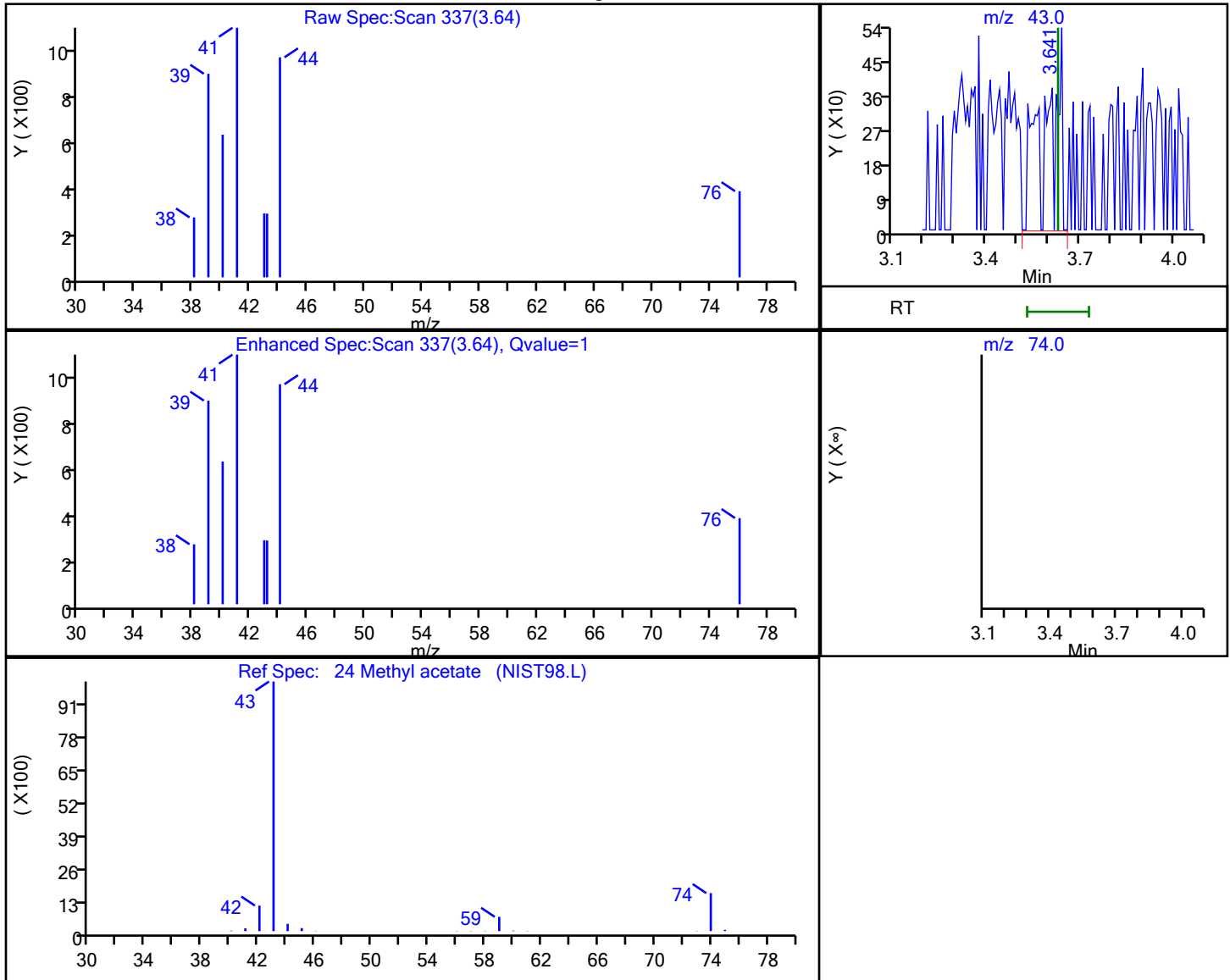
MSV - 8260C_D

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

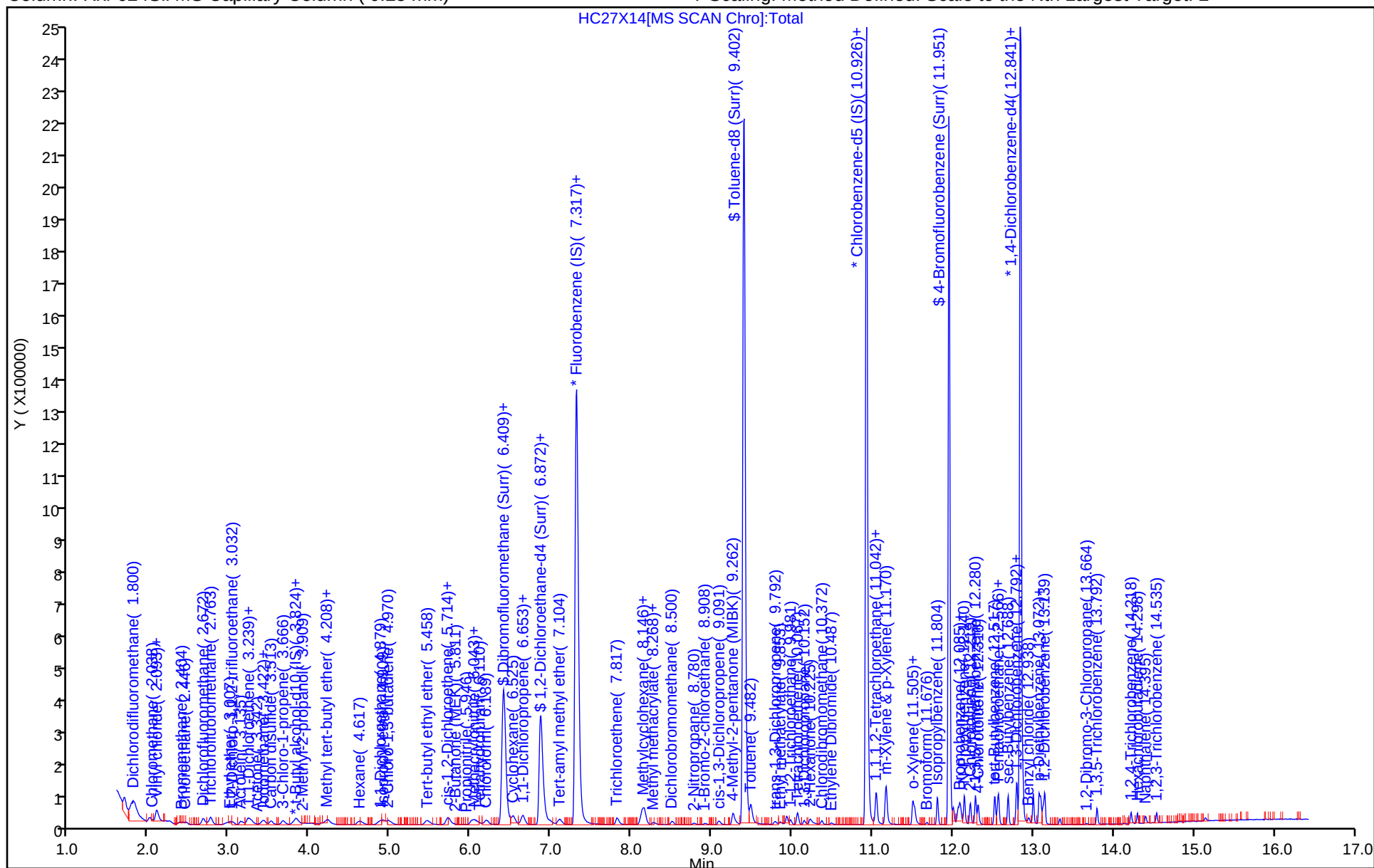
ALS Bottle#: 14

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

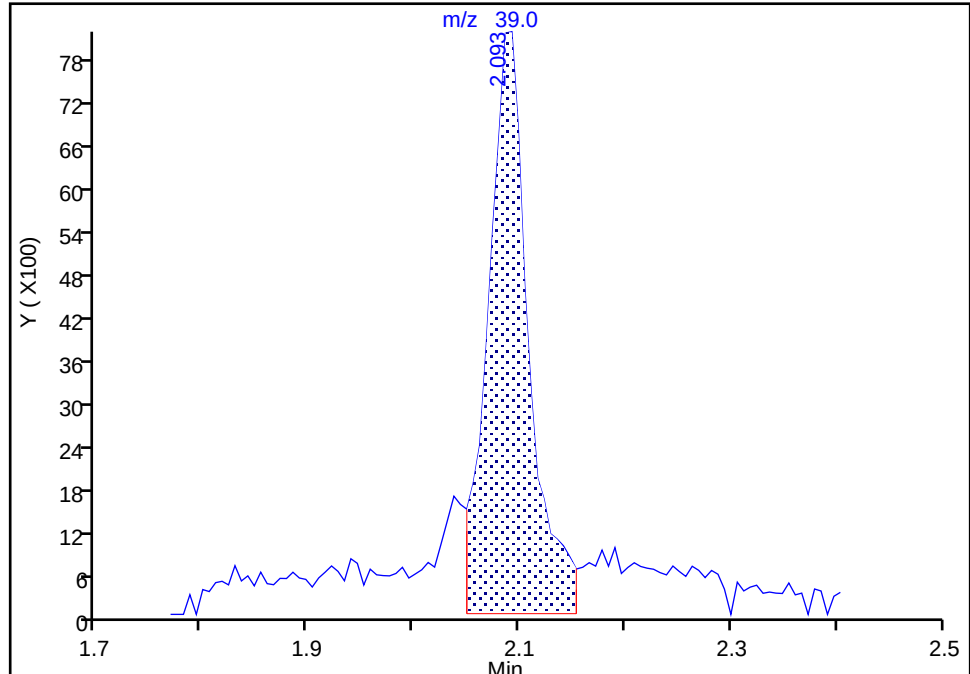
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

6 Butadiene, CAS: 106-99-0

Signal: 1

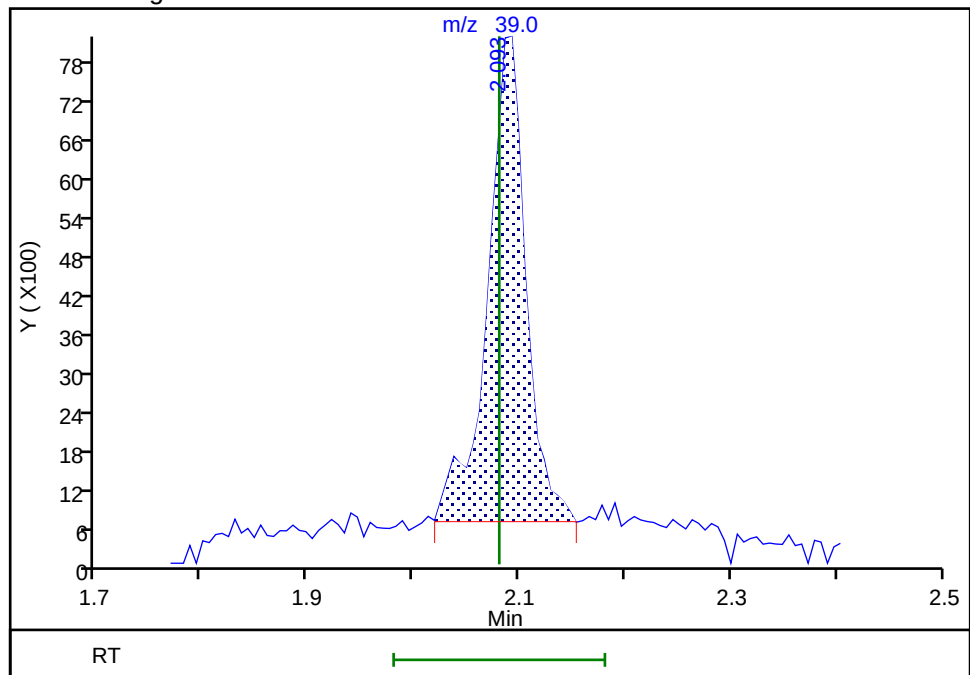
RT: 2.09
Area: 22126
Amount: 0.217118
Amount Units: ug/l

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

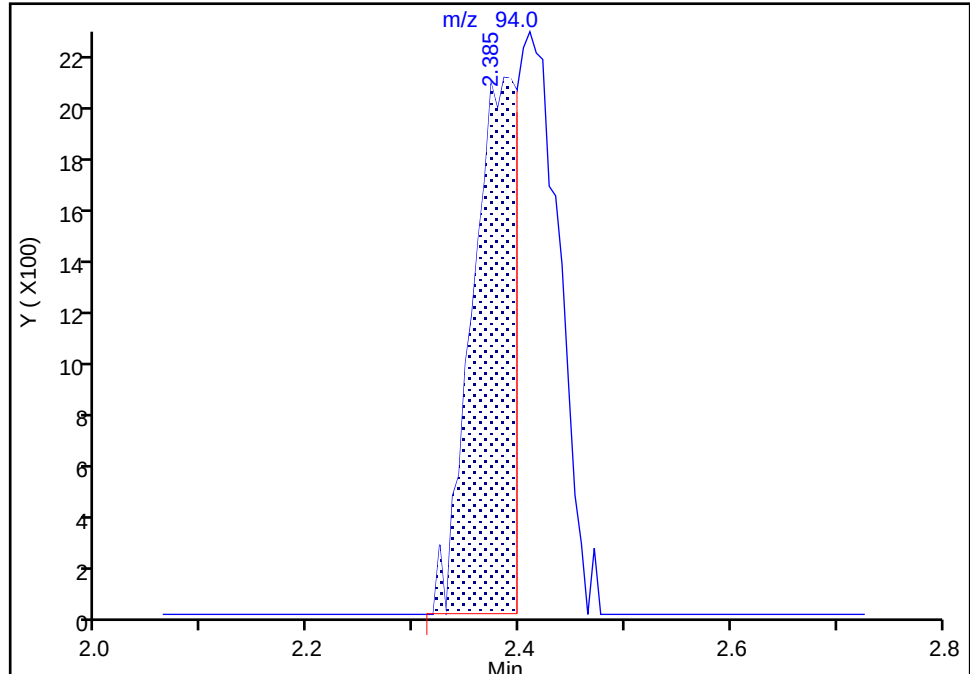
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

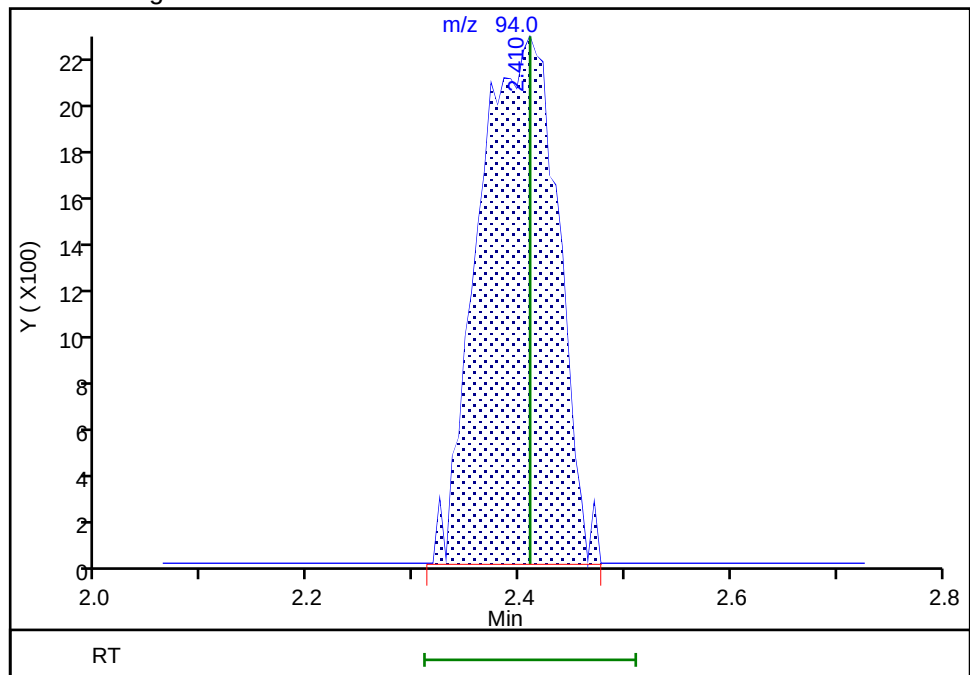
RT: 2.39
Area: 6086
Amount: 0.131158
Amount Units: ug/l

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

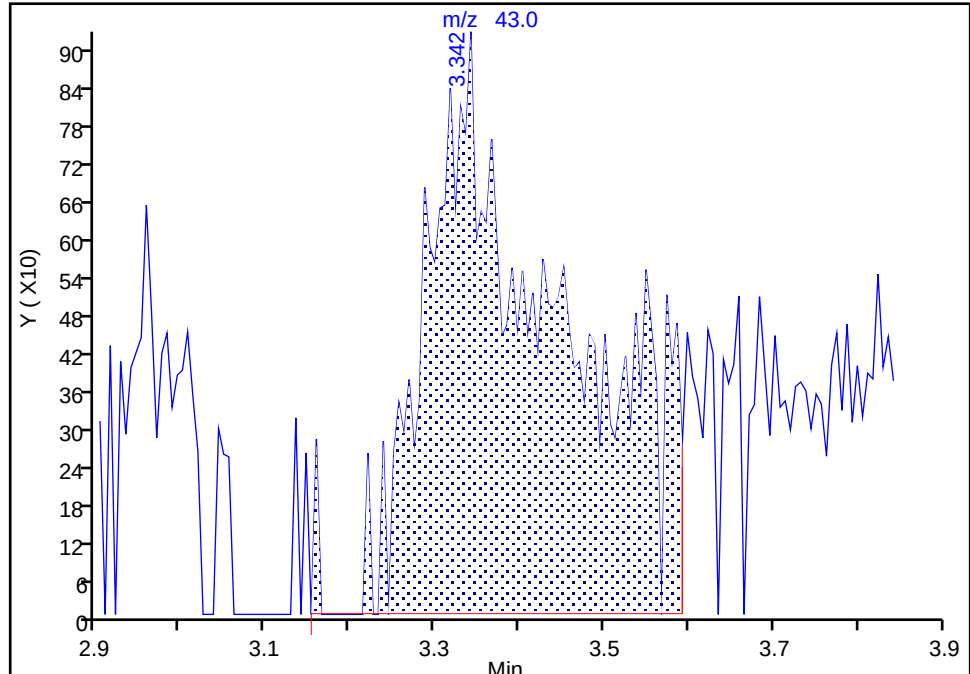
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

19 Acetone, CAS: 67-64-1

Signal: 1

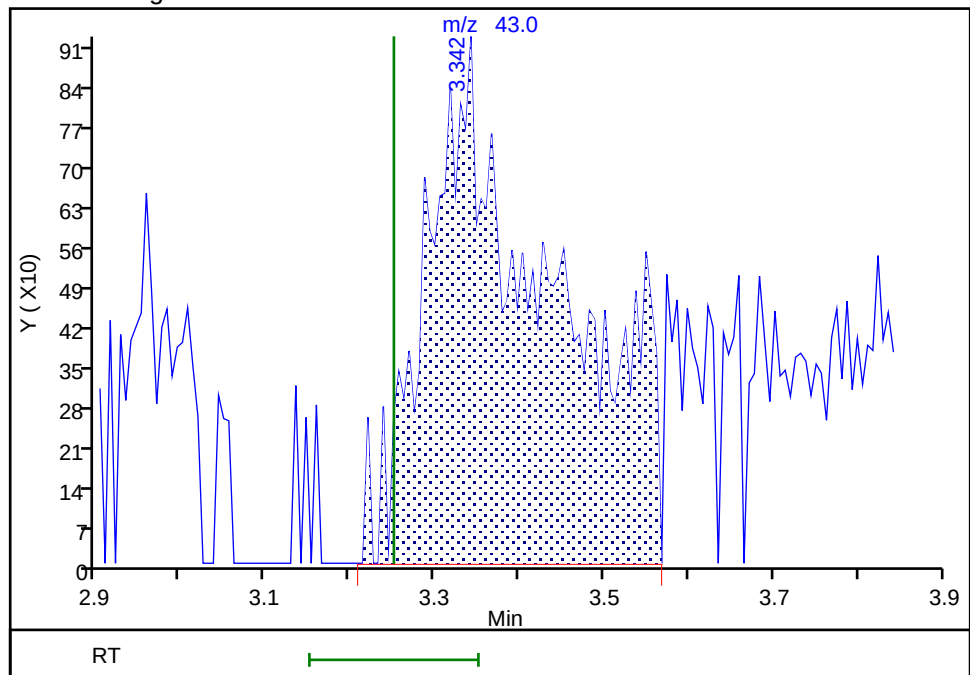
RT: 3.34
Area: 10240
Amount: 2.302918
Amount Units: ug/l

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

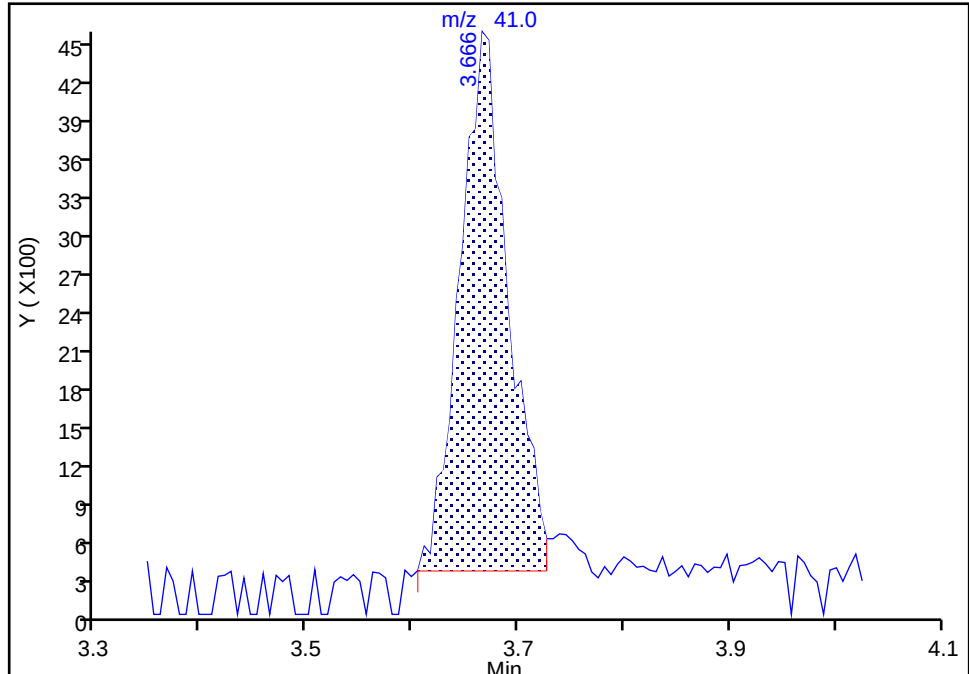
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 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

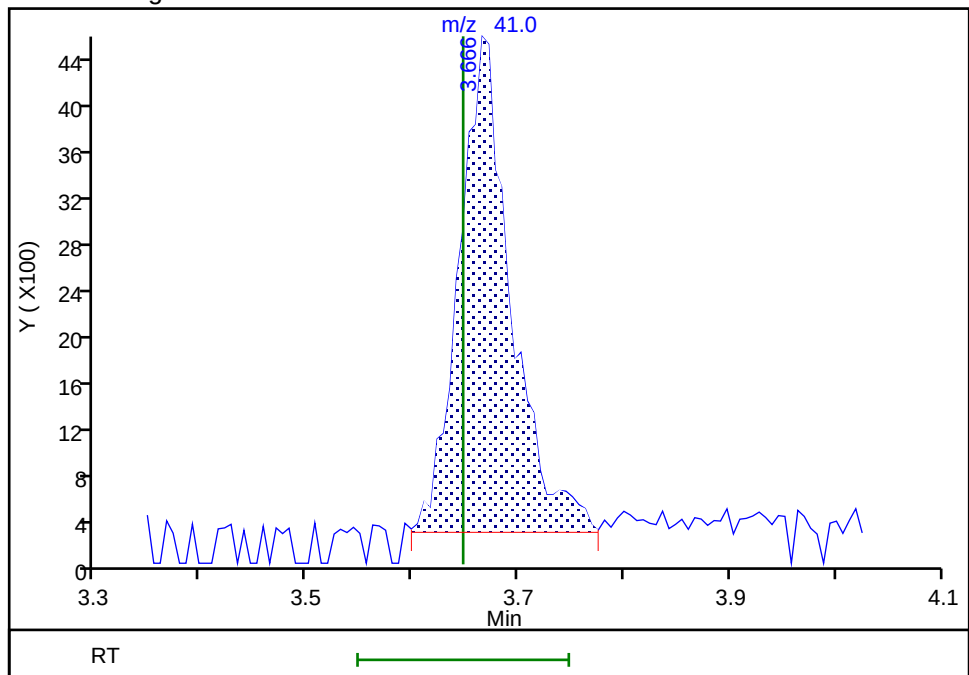
RT: 3.67
Area: 13323
Amount: 0.152889
Amount Units: ug/l

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

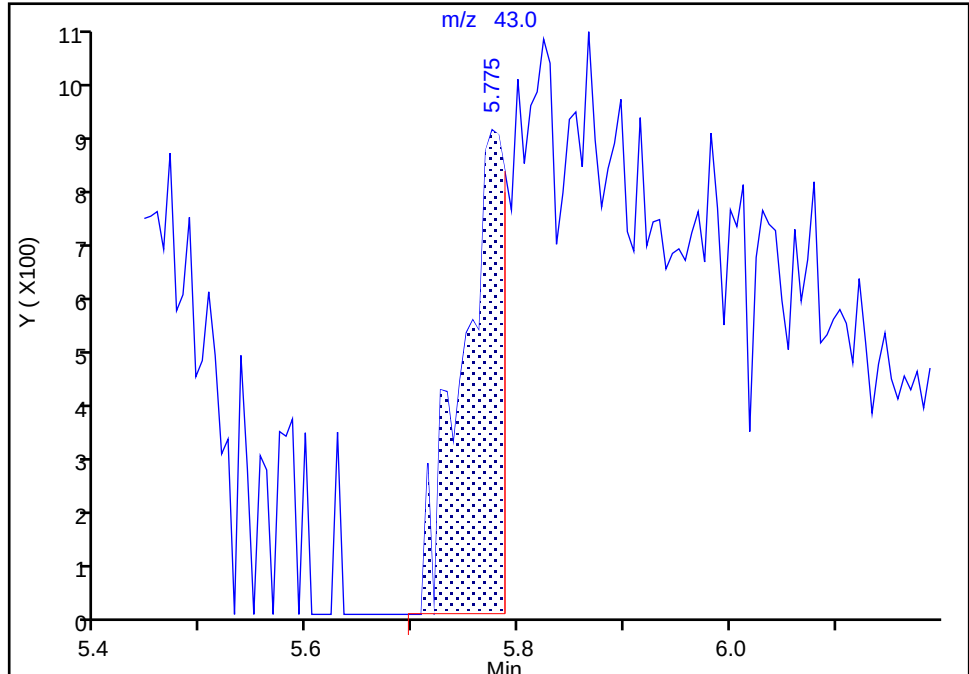
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

41 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

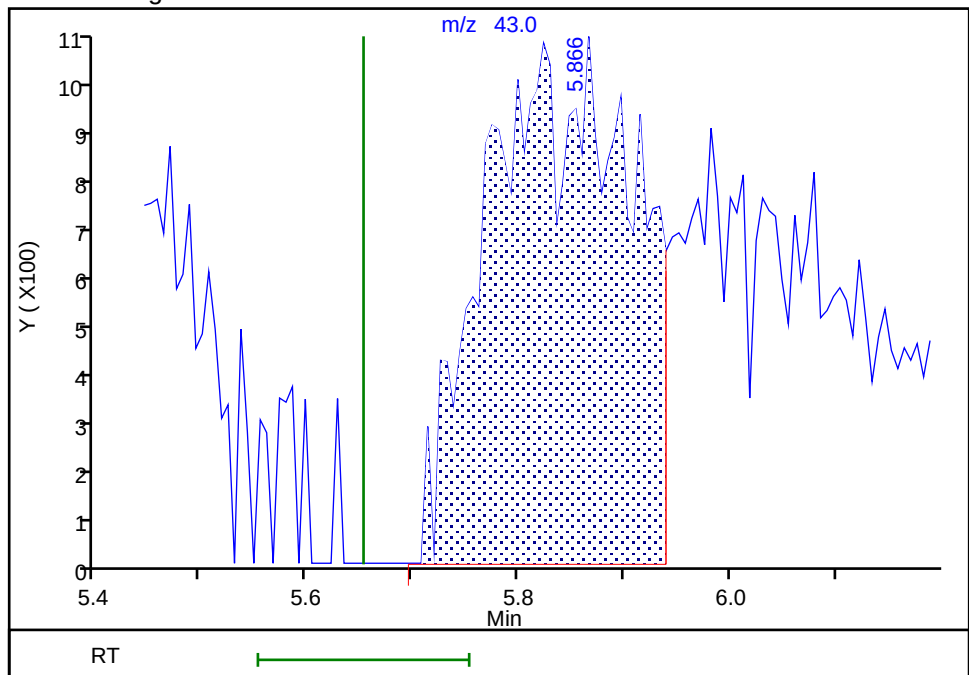
RT: 5.77
Area: 2382
Amount: 0.445901
Amount Units: ug/l

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

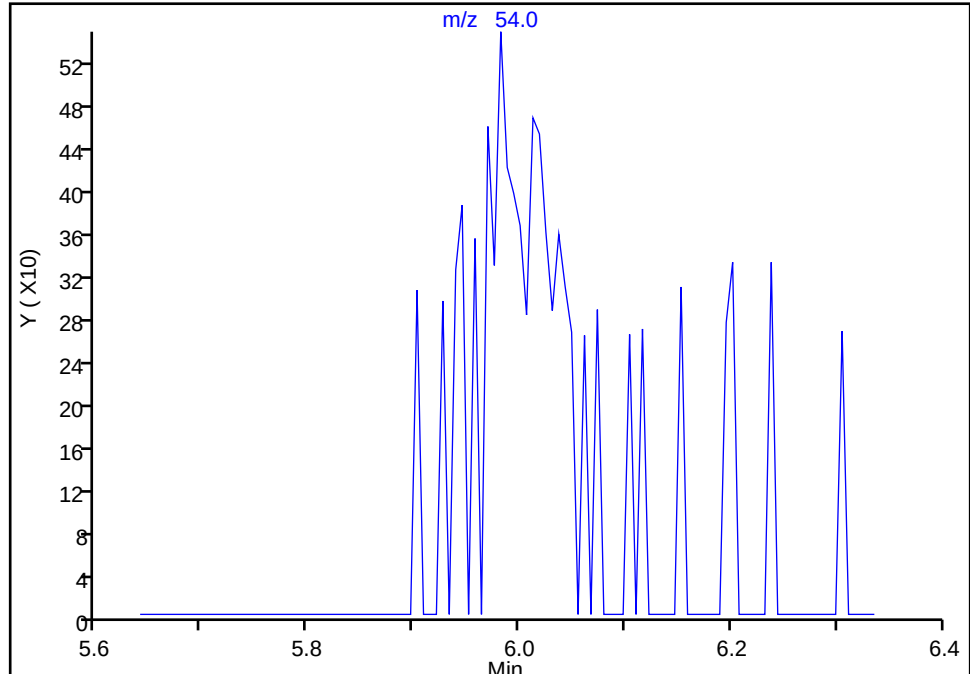
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

44 Propionitrile, CAS: 107-12-0

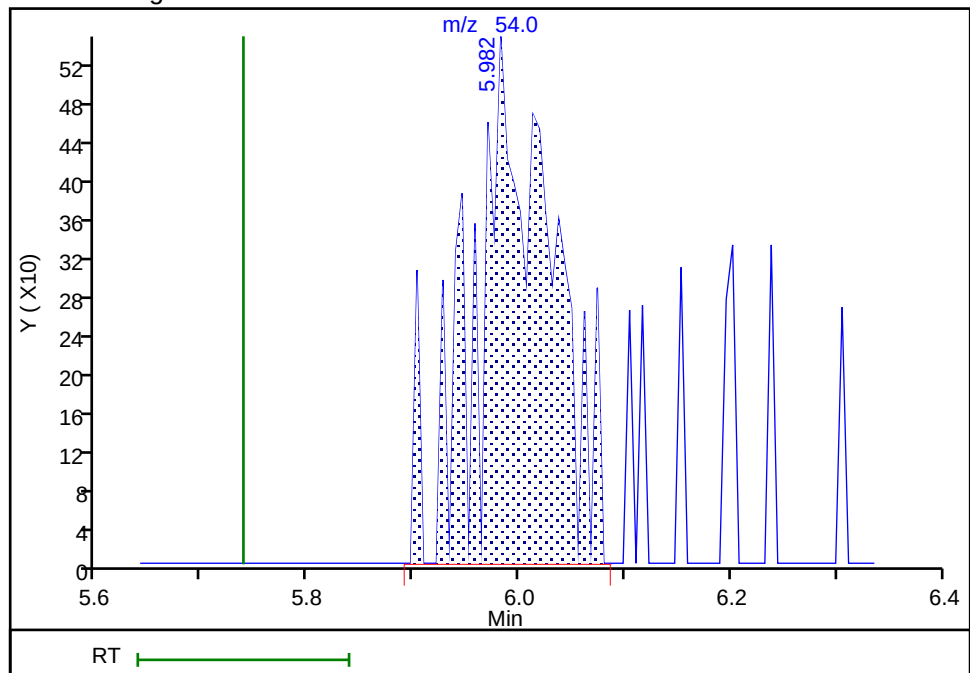
Signal: 1

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

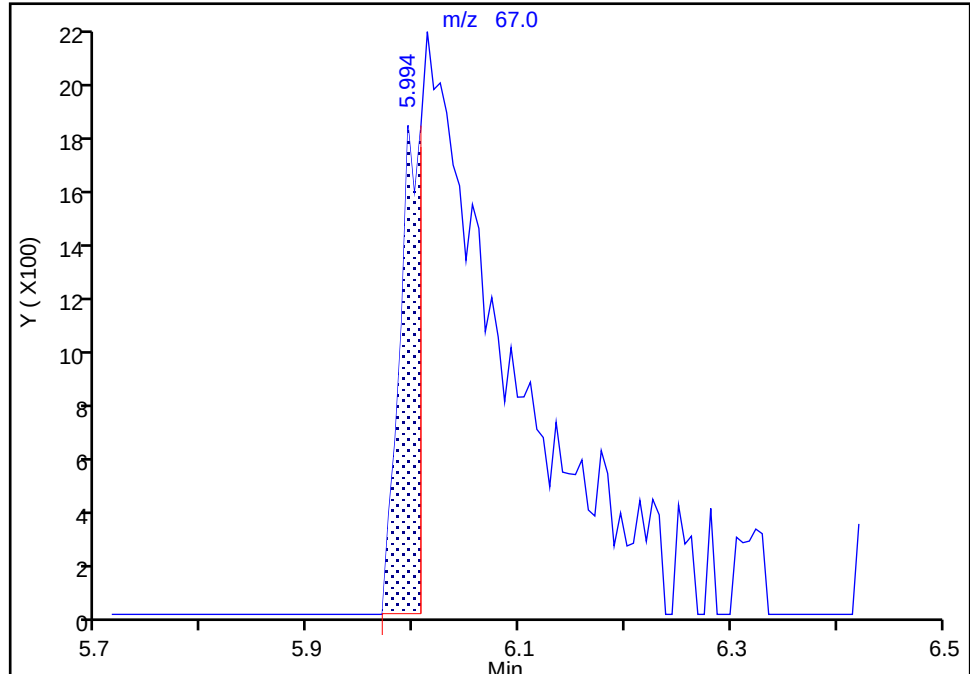
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

46 Methacrylonitrile, CAS: 126-98-7

Signal: 1

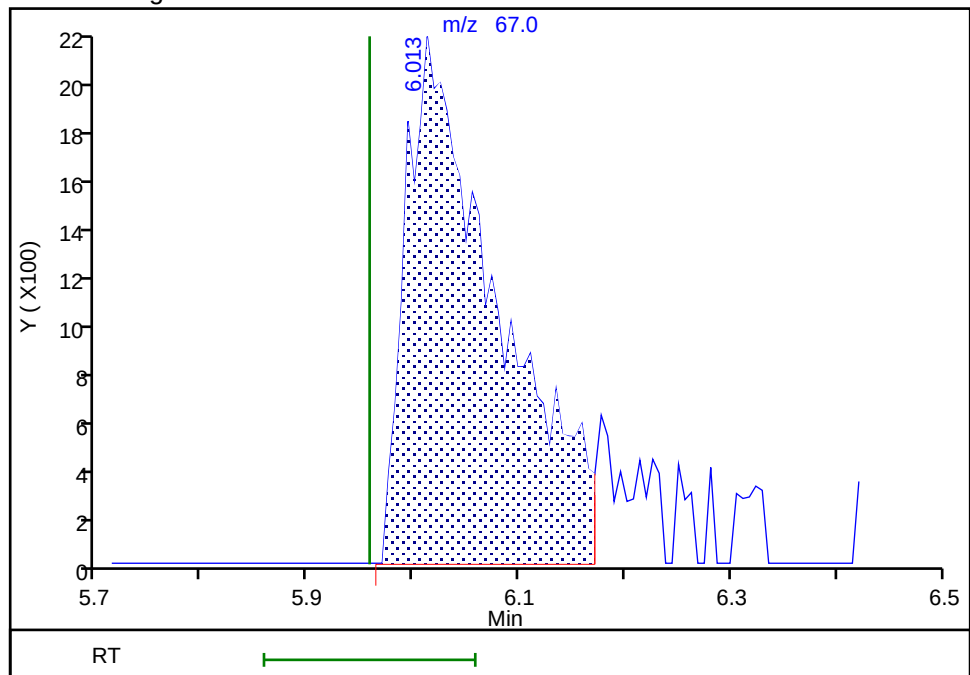
RT: 5.99
Area: 2633
Amount: 0.412579
Amount Units: ug/l

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

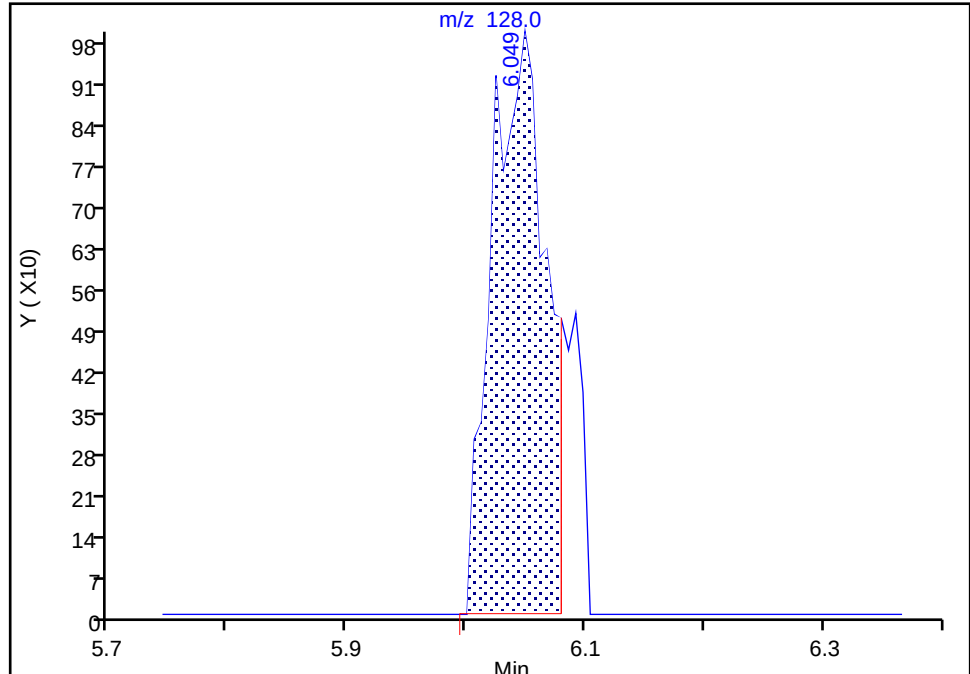
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

47 Chlorobromomethane, CAS: 74-97-5

Signal: 1

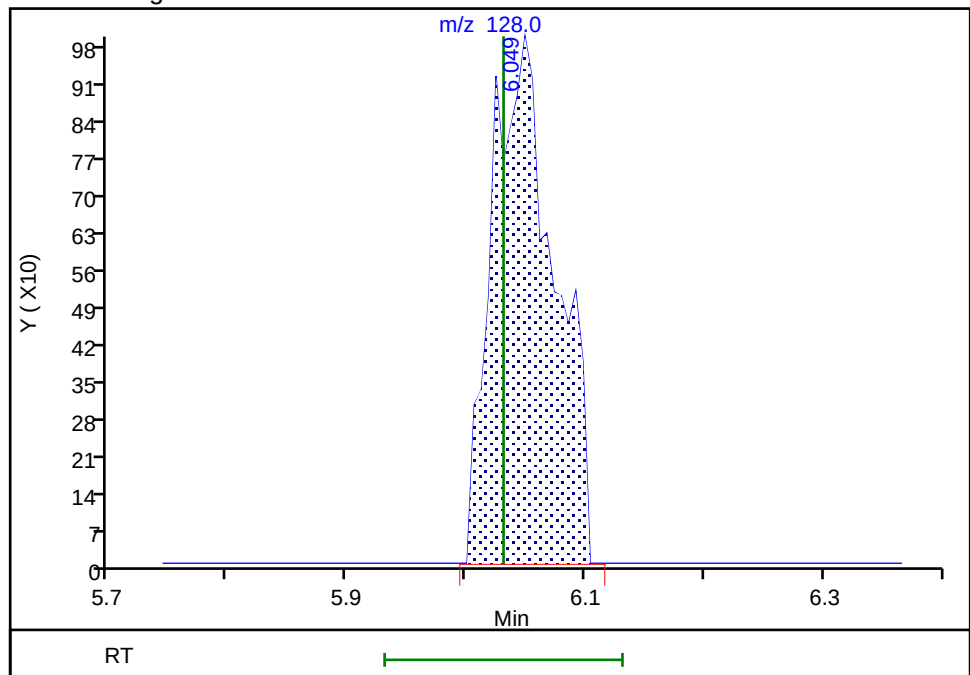
RT: 6.05
Area: 3179
Amount: 0.182912
Amount Units: ug/l

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

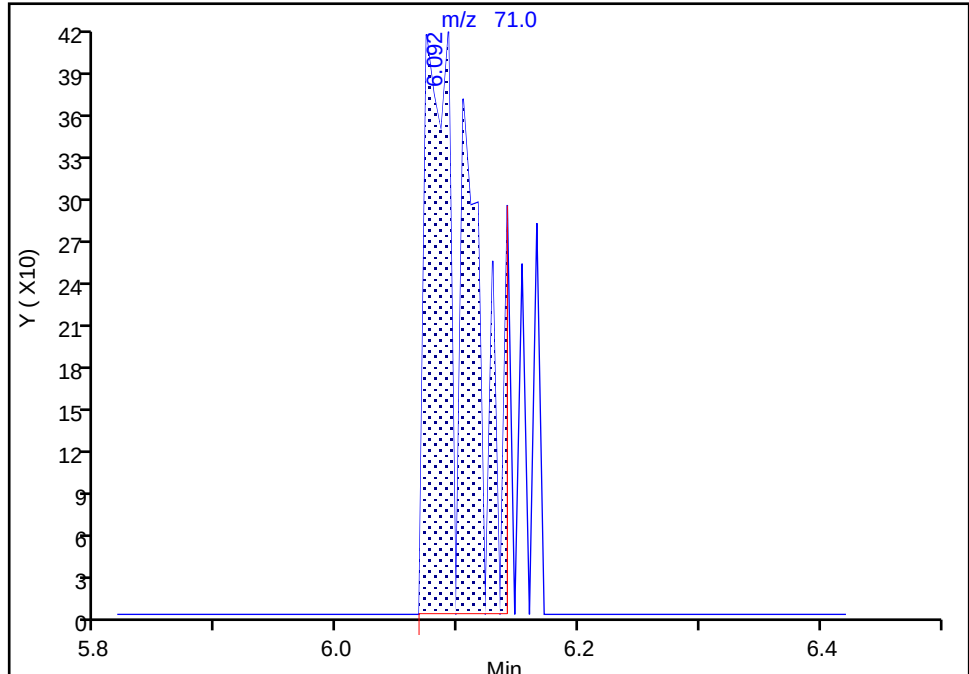
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

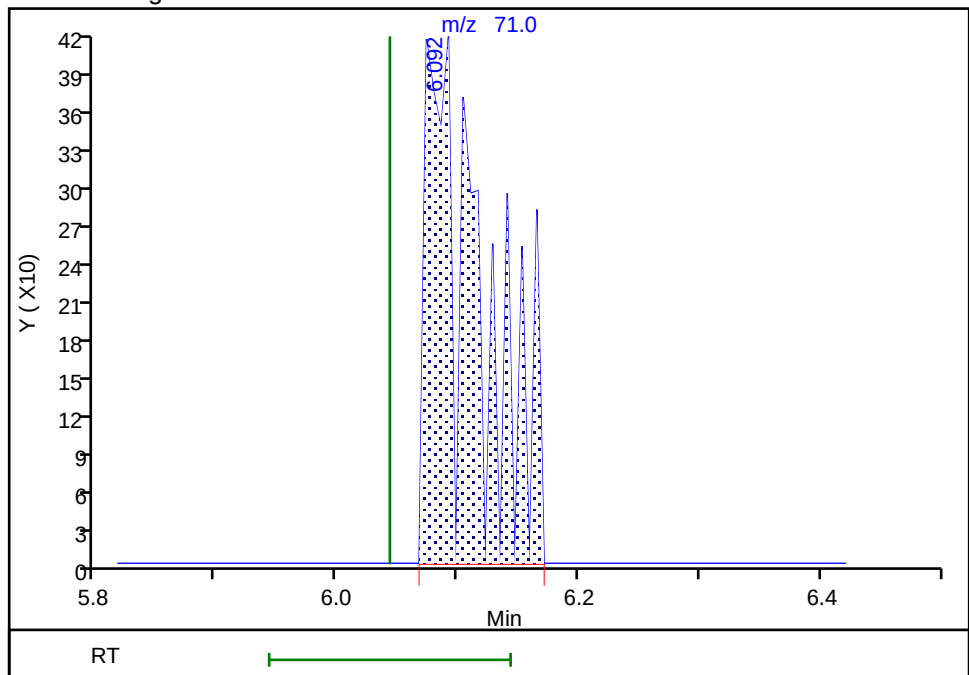
RT: 6.09
Area: 1117
Amount: 0.541658
Amount Units: ug/l

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

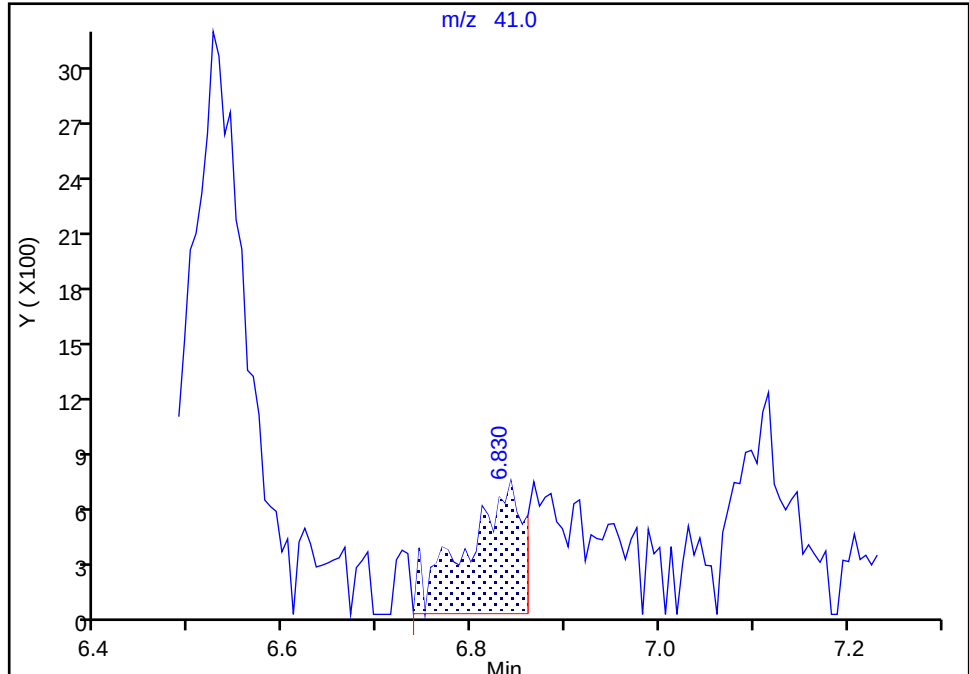
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

57 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

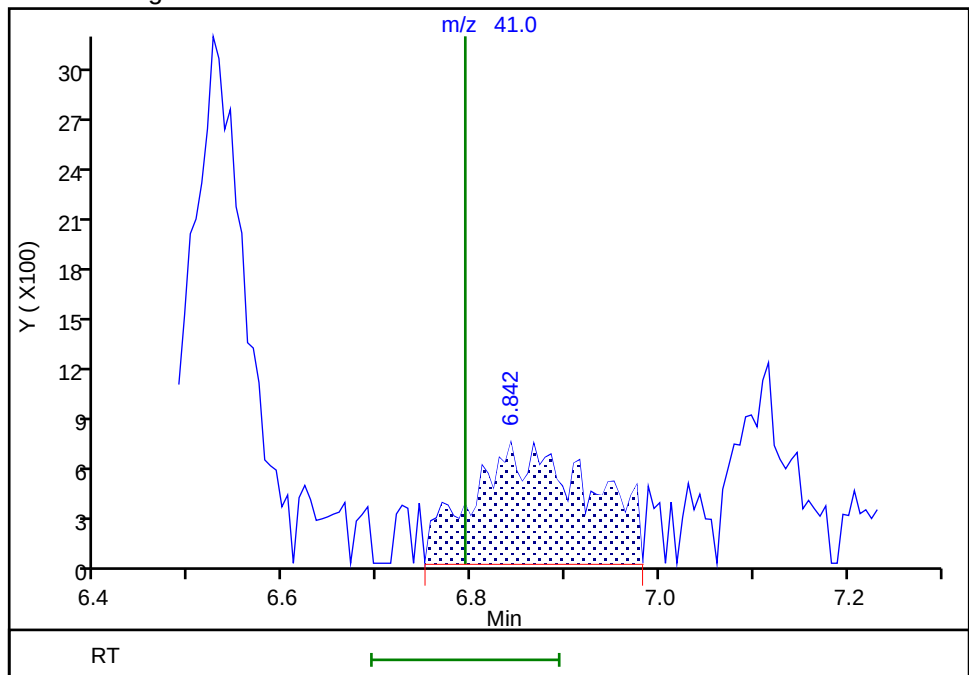
RT: 6.83
Area: 2987
Amount: 6.428871
Amount Units: ug/l

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

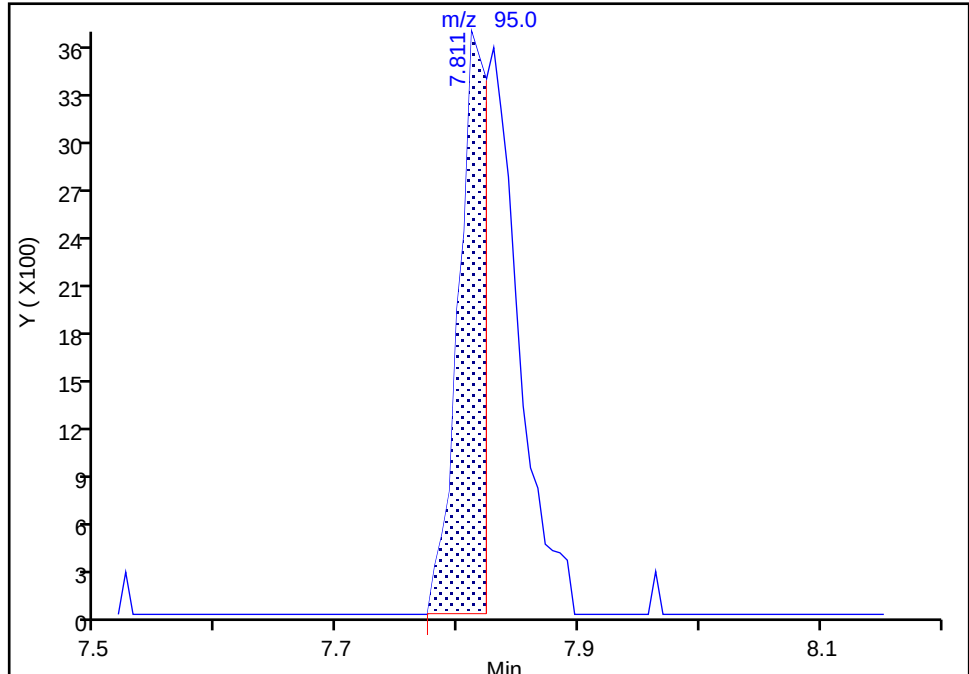
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

67 Trichloroethene, CAS: 79-01-6

Signal: 1

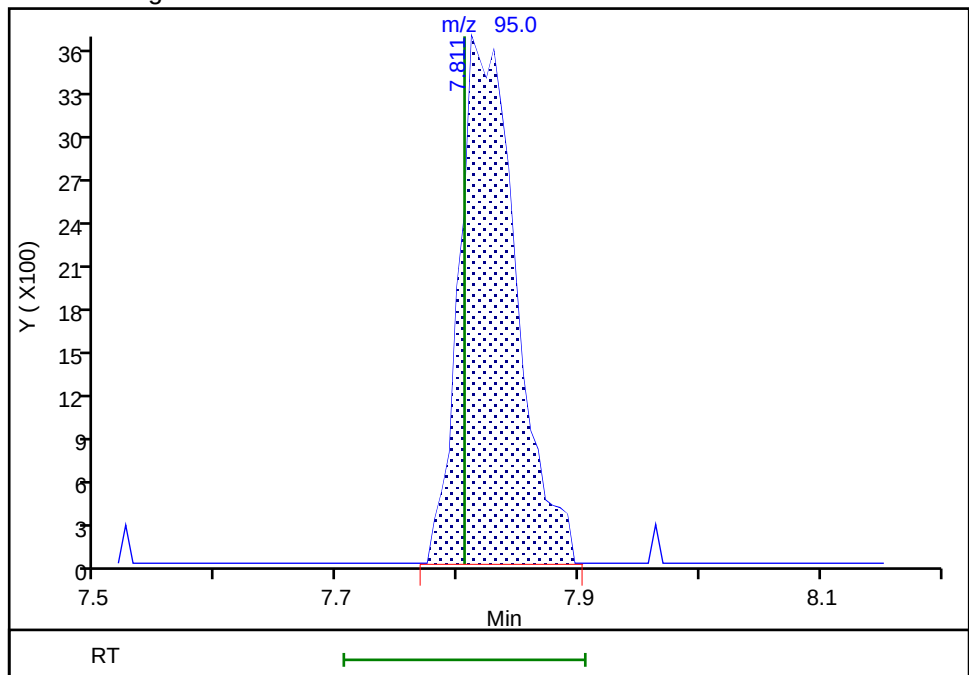
RT: 7.81
Area: 5957
Amount: 0.121391
Amount Units: ug/l

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

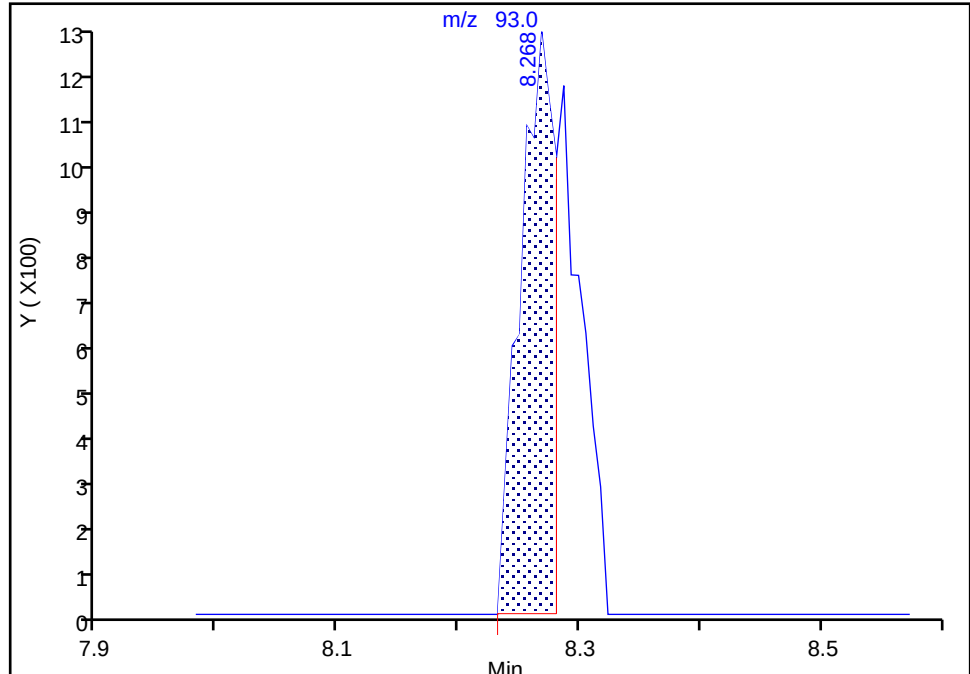
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

74 Dibromomethane, CAS: 74-95-3

Signal: 1

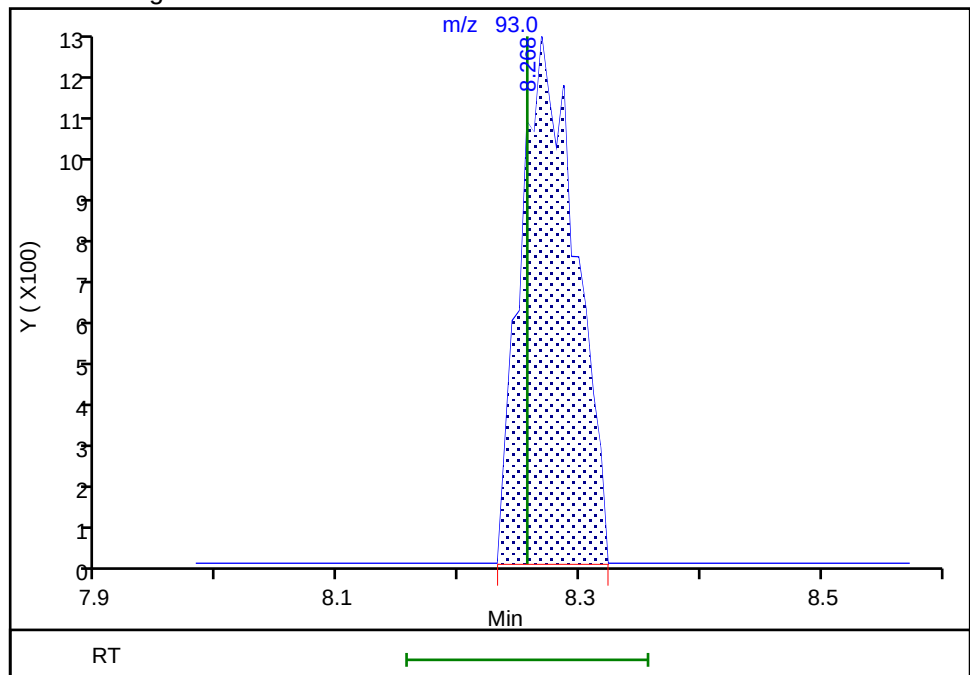
RT: 8.27
Area: 2430
Amount: 0.159250
Amount Units: ug/l

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

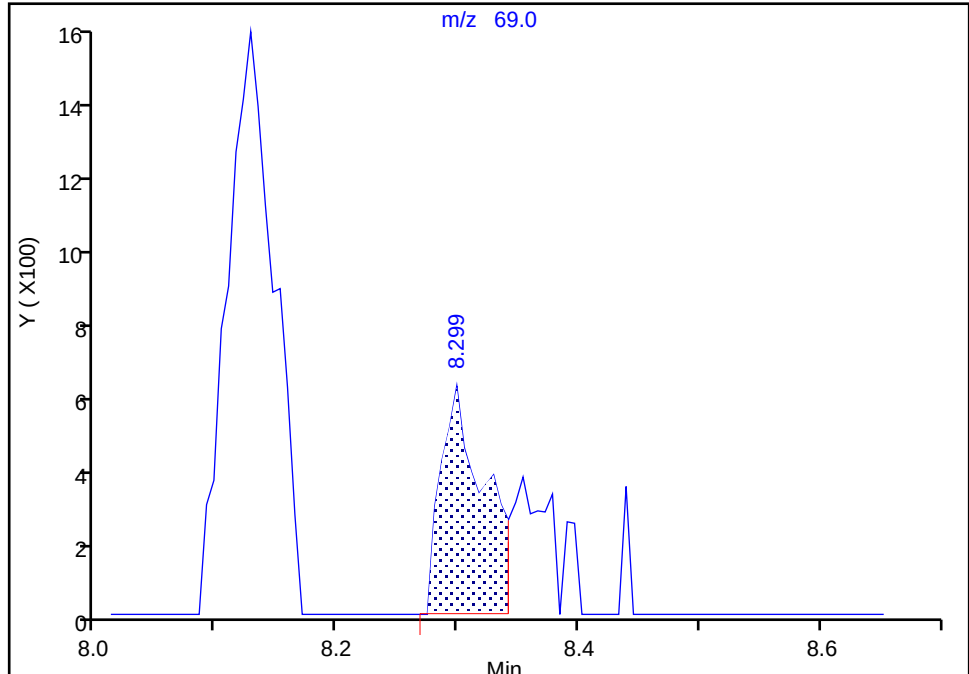
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 Methyl methacrylate, CAS: 80-62-6

Signal: 1

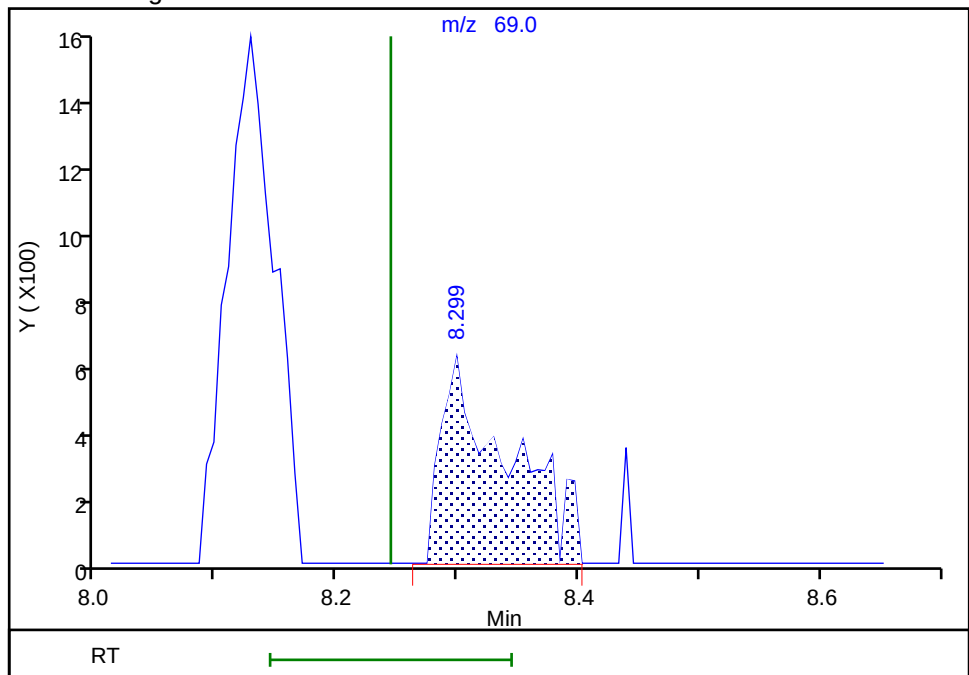
RT: 8.30
Area: 1587
Amount: 0.205277
Amount Units: ug/l

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

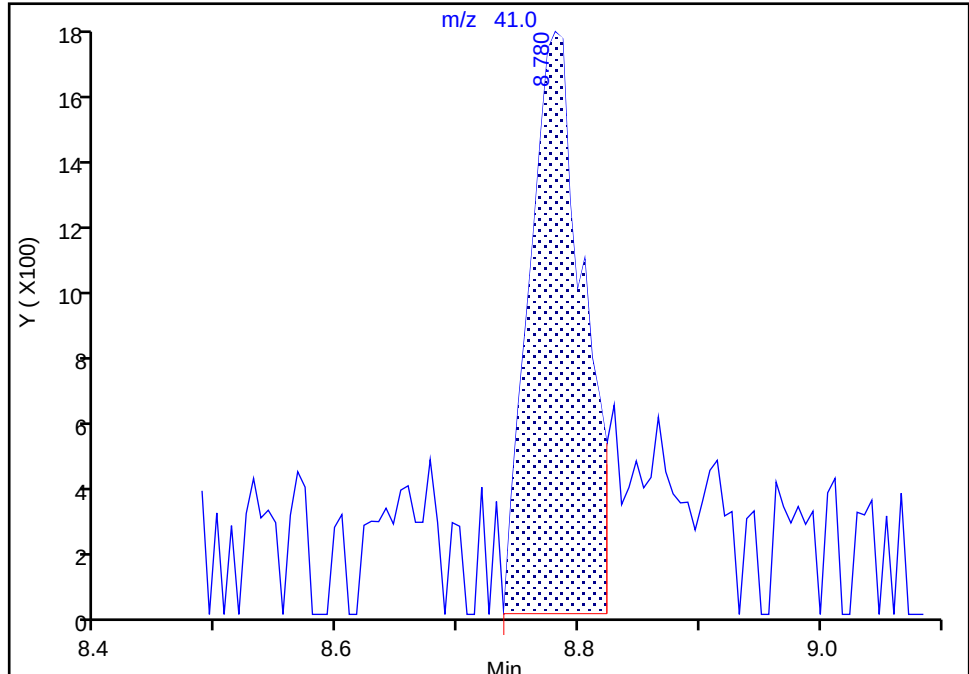
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Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

77 2-Nitropropane, CAS: 79-46-9

Signal: 1

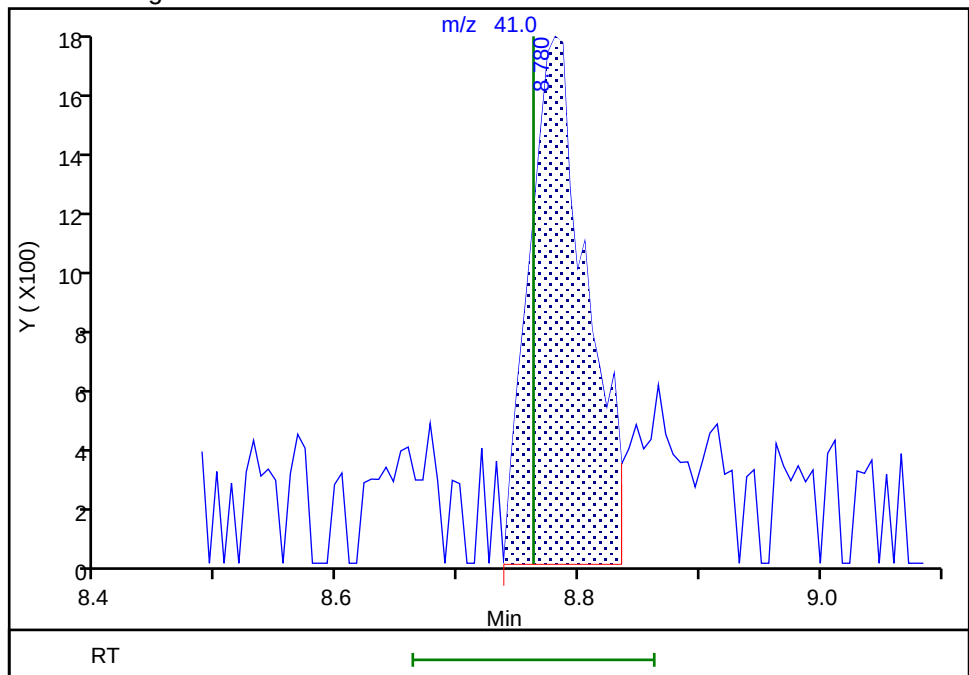
RT: 8.78
Area: 5391
Amount: 1.069771
Amount Units: ug/l

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

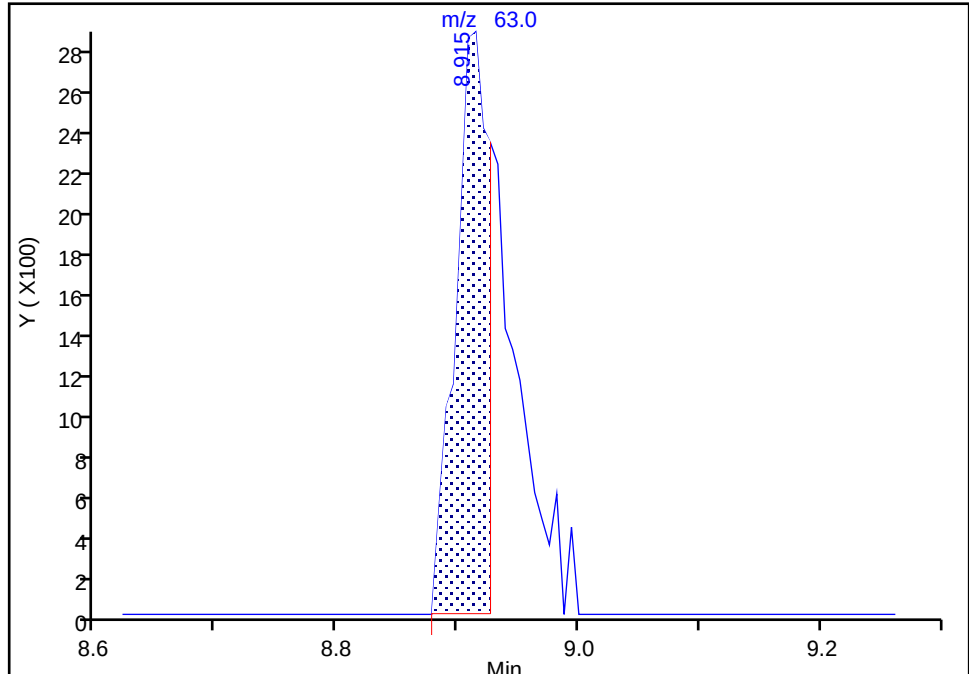
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 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

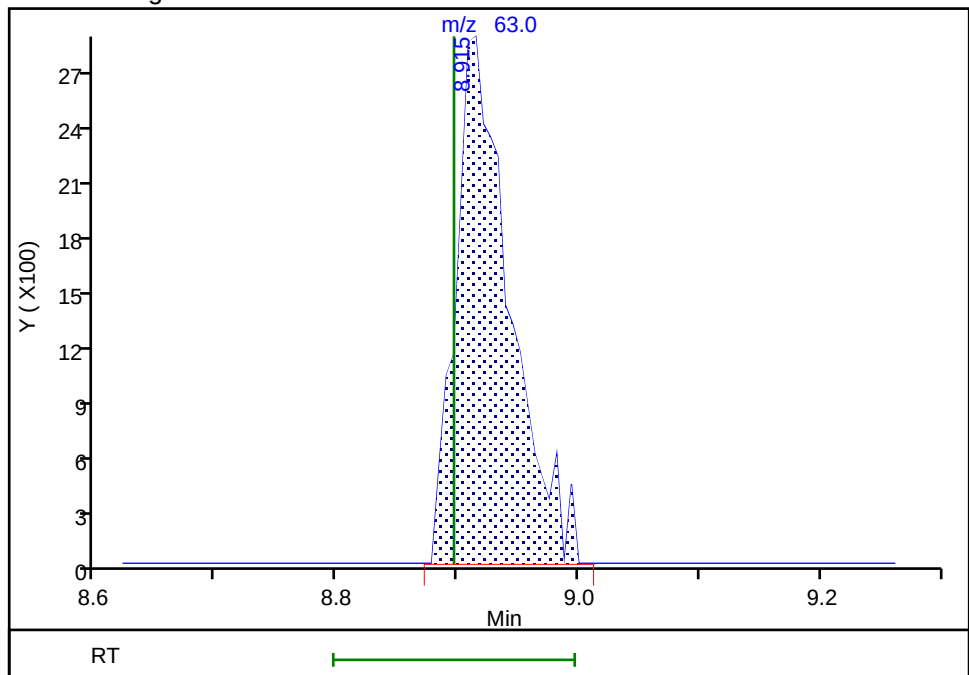
RT: 8.91
Area: 5486
Amount: 0.138386
Amount Units: ug/l

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

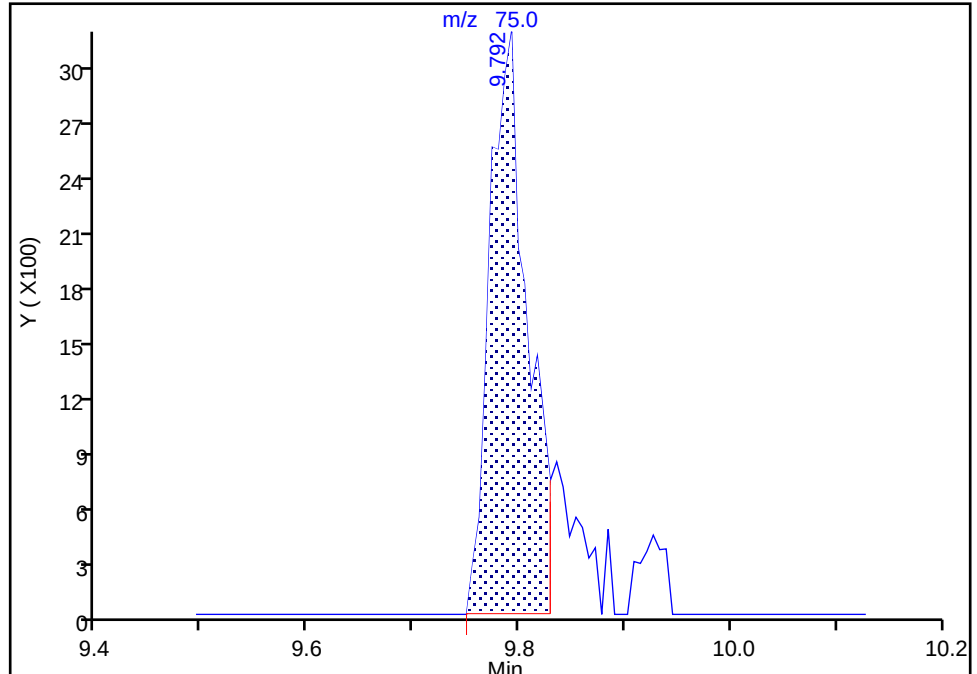
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X14.D
Injection Date: 27-Oct-2025 18:44:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 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

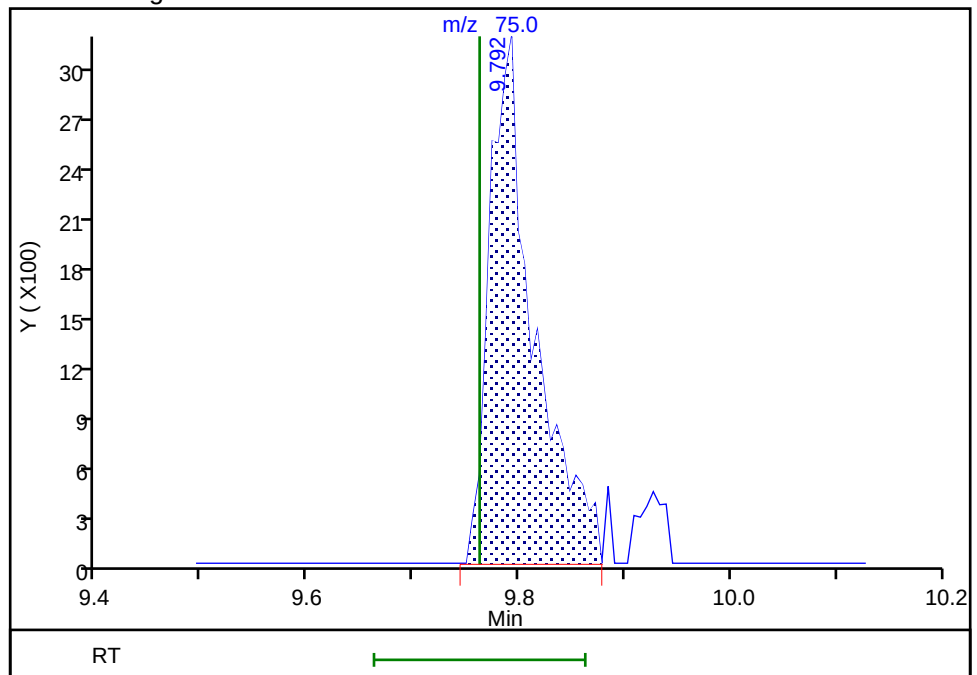
RT: 9.79
Area: 7800
Amount: 0.189606
Amount Units: ug/l

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

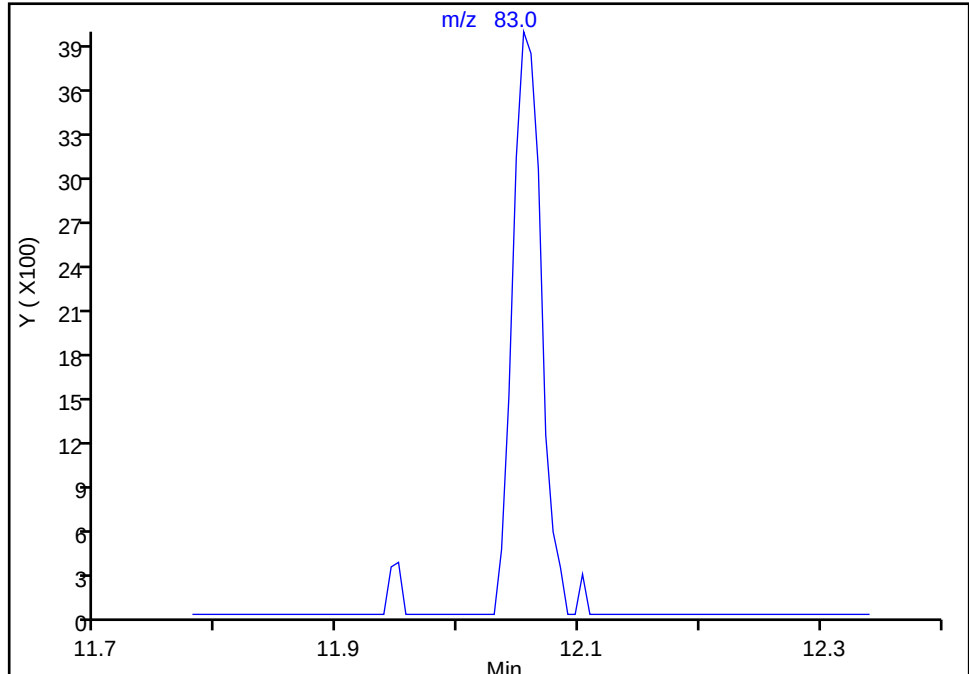
Eurofins Lancaster Laboratories Environment Testing, LLC

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

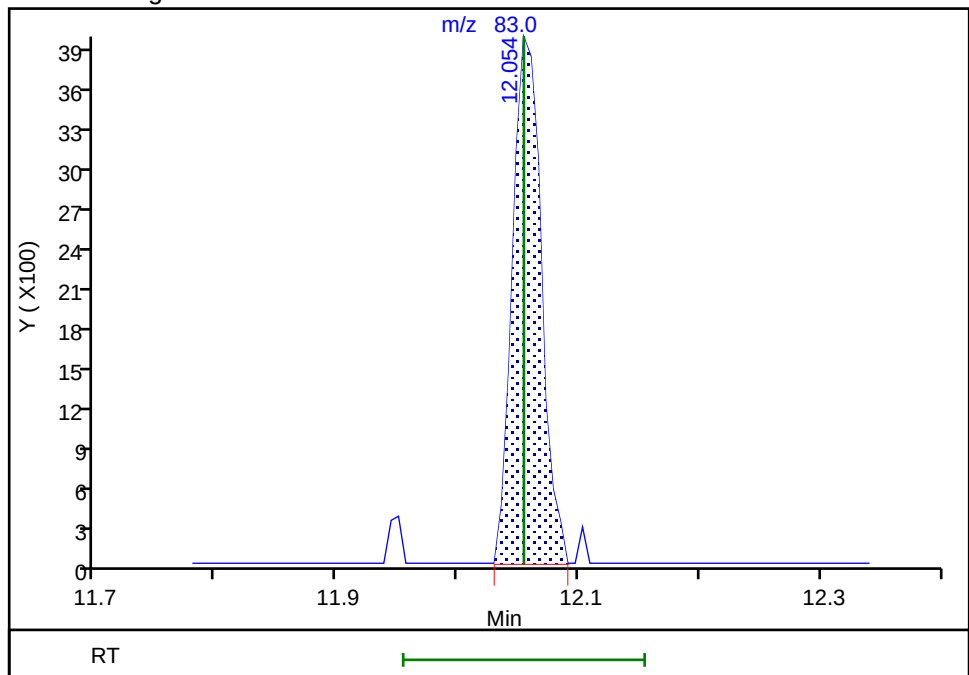
Not Detected
Expected RT: 12.05

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:

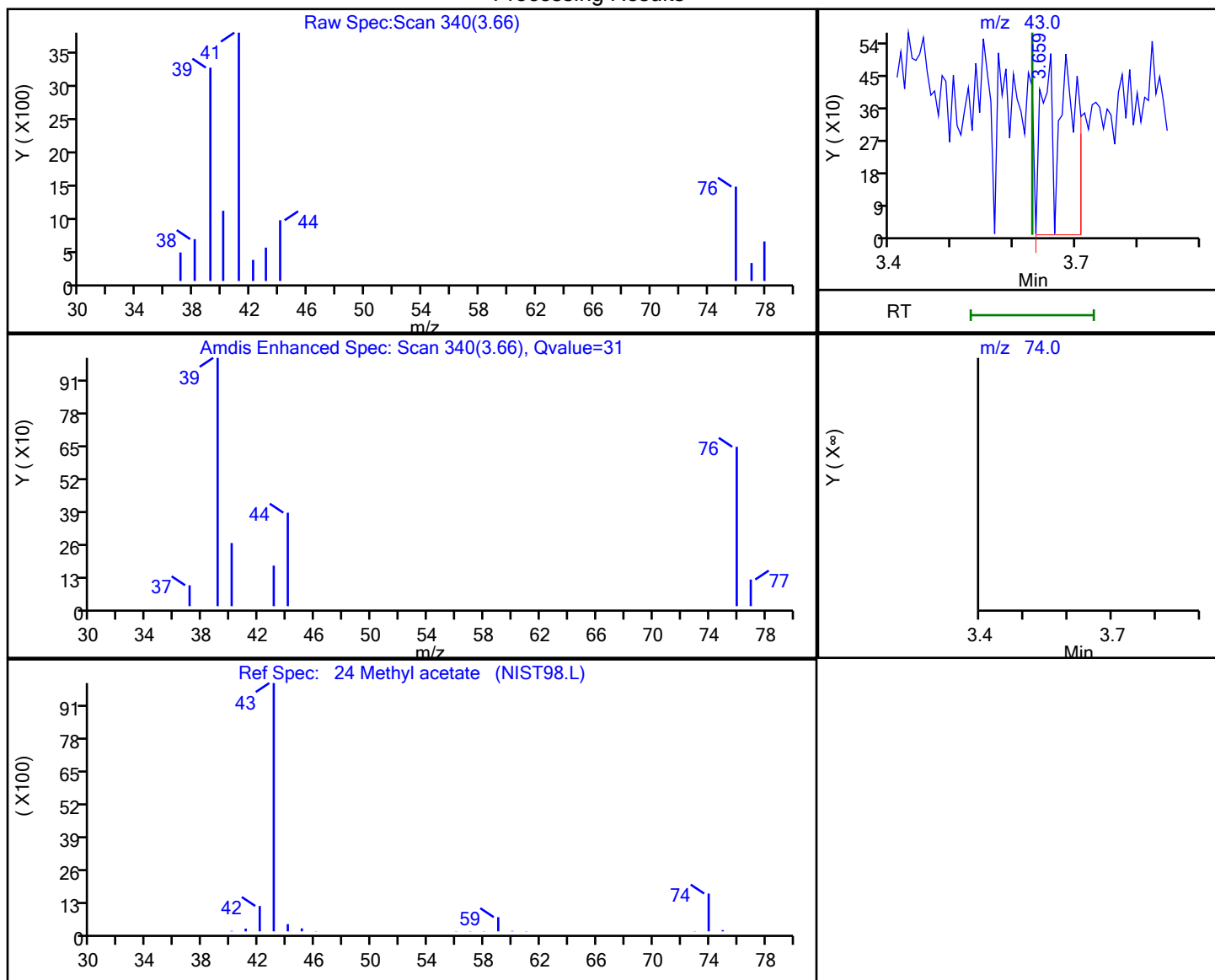
MSV - 8260C_D

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

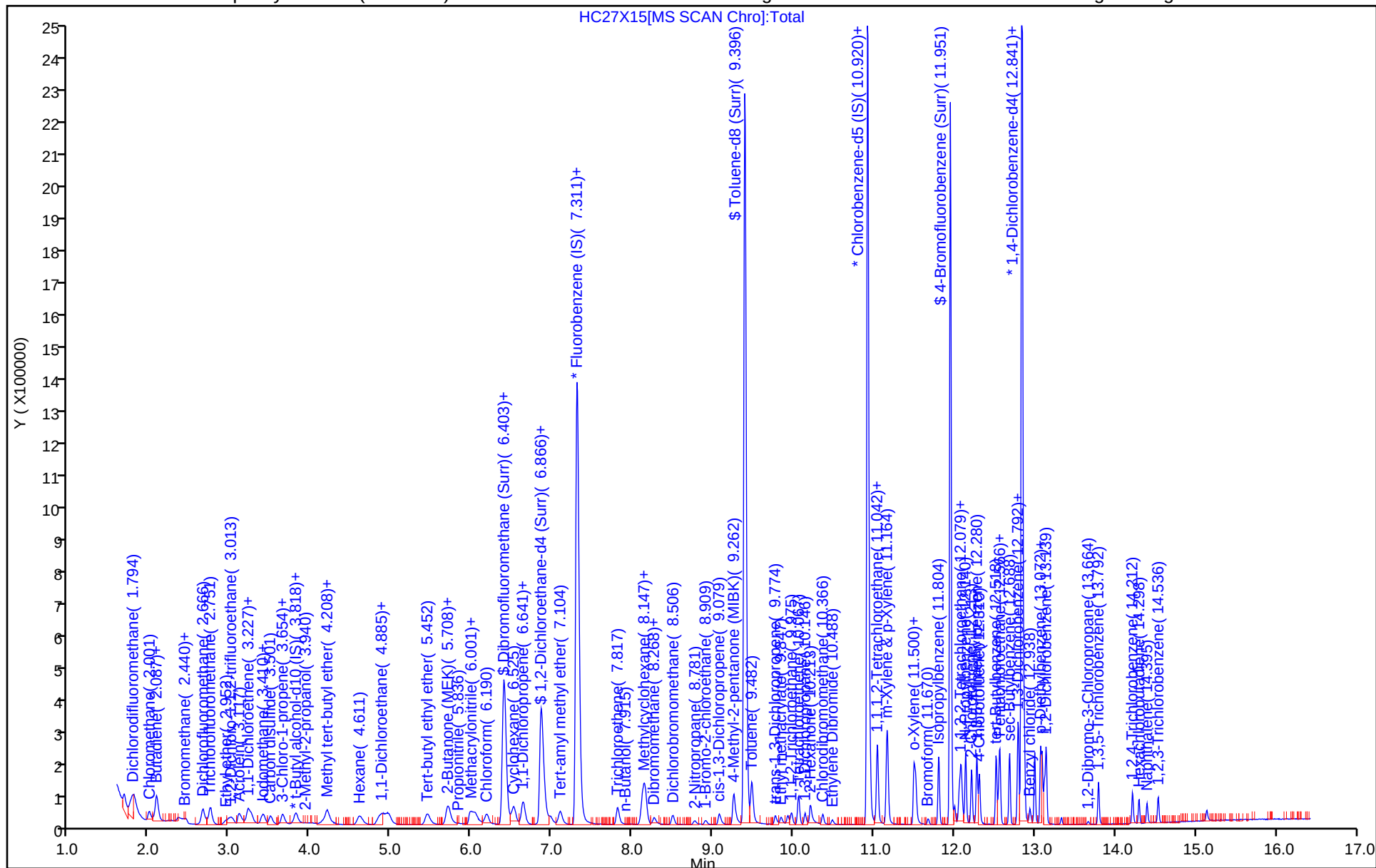
ALS Bottle#: 15

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

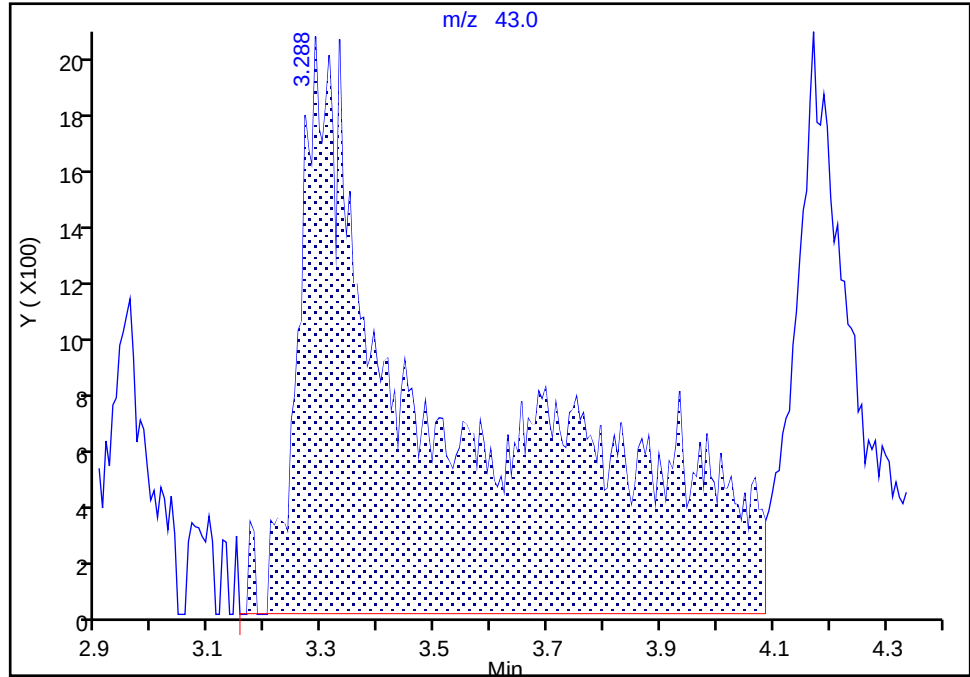
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Injection Date: 27-Oct-2025 19:05:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

19 Acetone, CAS: 67-64-1

Signal: 1

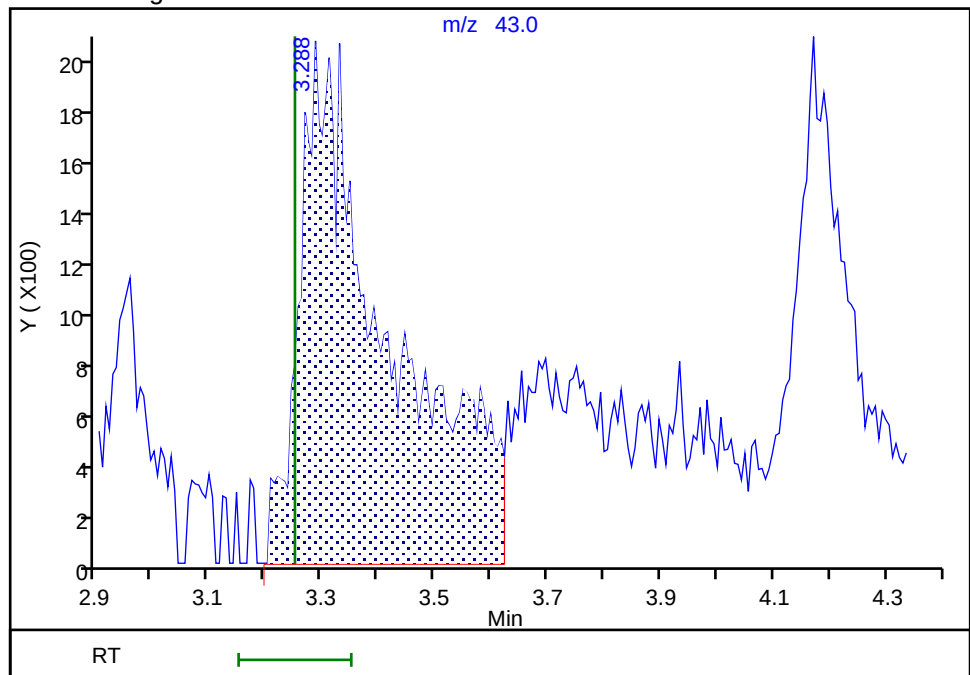
RT: 3.29
Area: 37888
Amount: 7.429518
Amount Units: ug/l

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

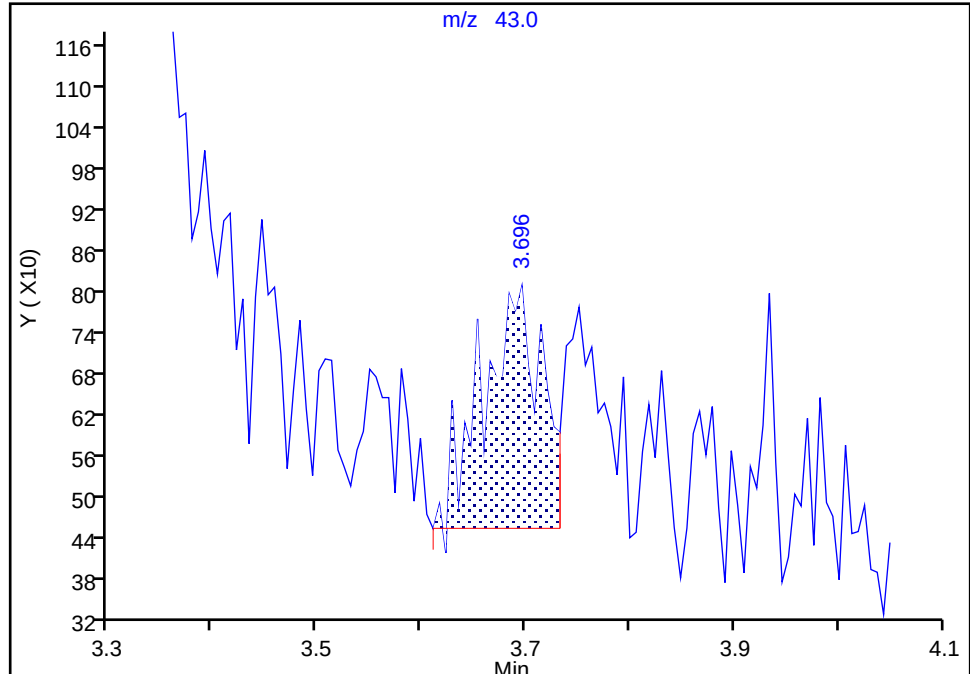
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Injection Date: 27-Oct-2025 19:05:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

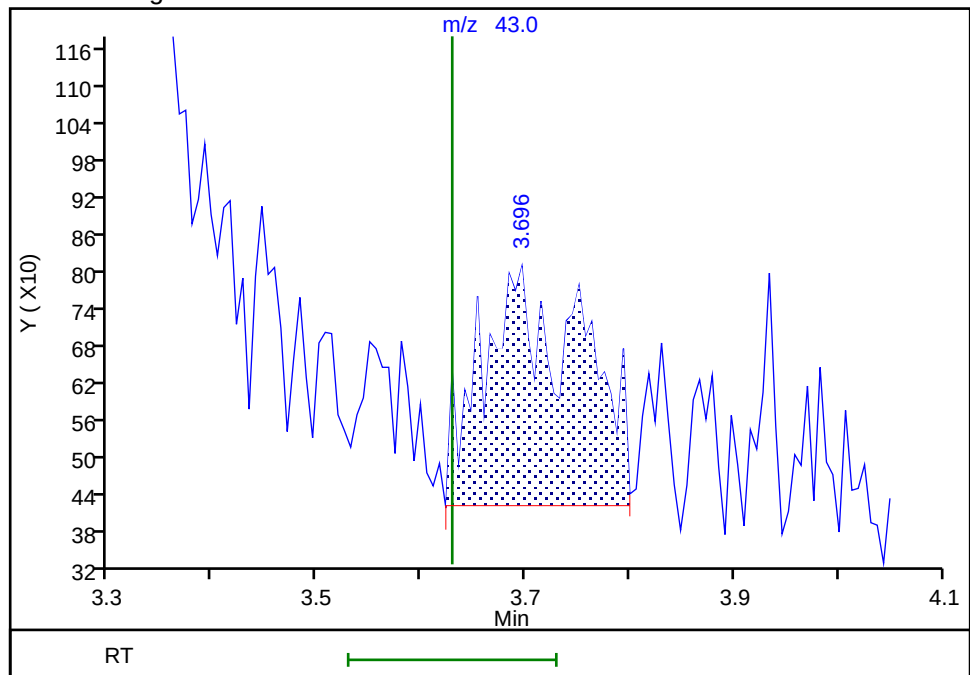
RT: 3.70
Area: 1374
Amount: 0.103519
Amount Units: ug/l

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

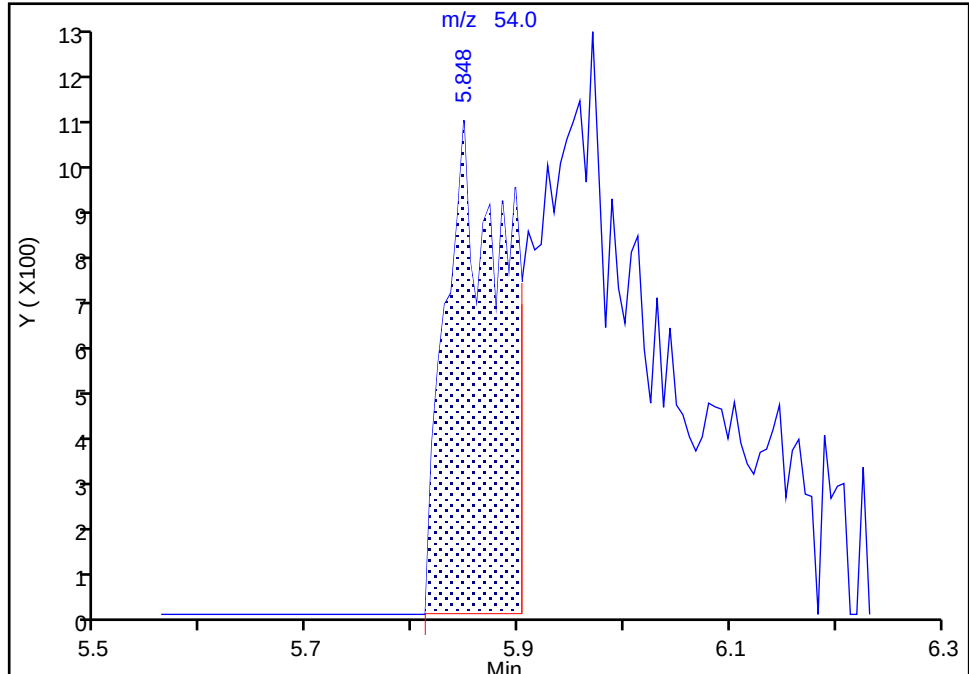
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Injection Date: 27-Oct-2025 19:05:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

44 Propionitrile, CAS: 107-12-0

Signal: 1

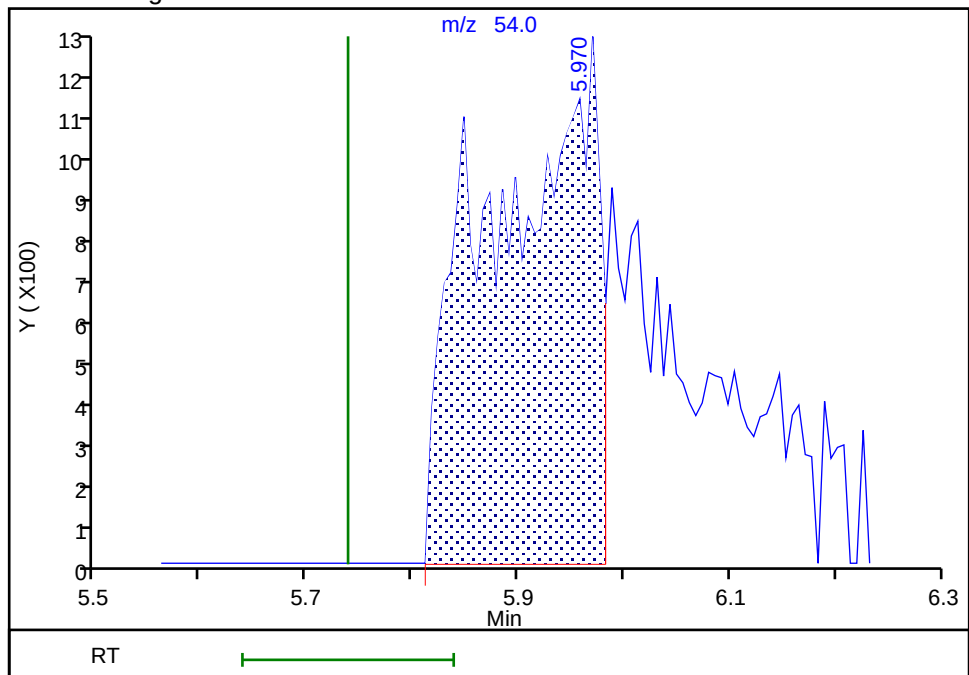
RT: 5.85
Area: 4107
Amount: 2.901327
Amount Units: ug/l

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

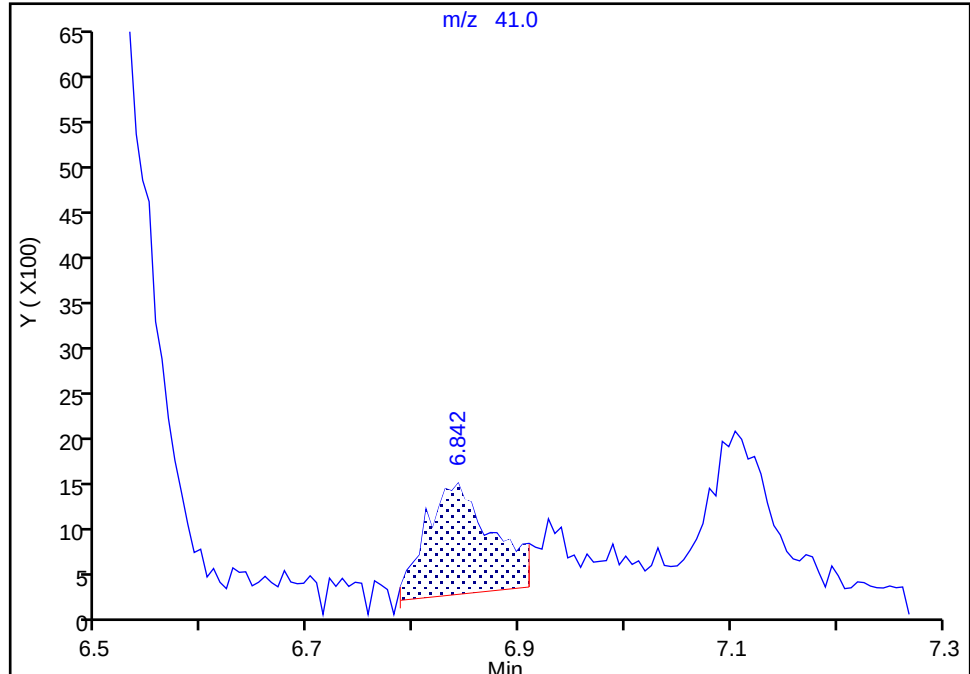
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X15.D
Injection Date: 27-Oct-2025 19:05:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

57 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

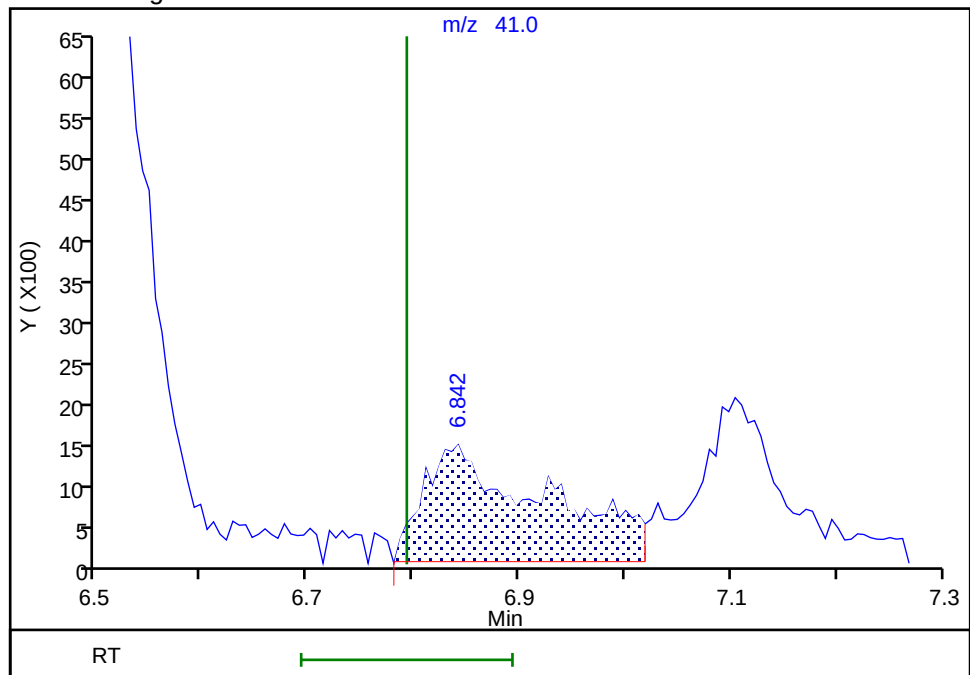
RT: 6.84
Area: 5385
Amount: 11.713092
Amount Units: ug/l

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

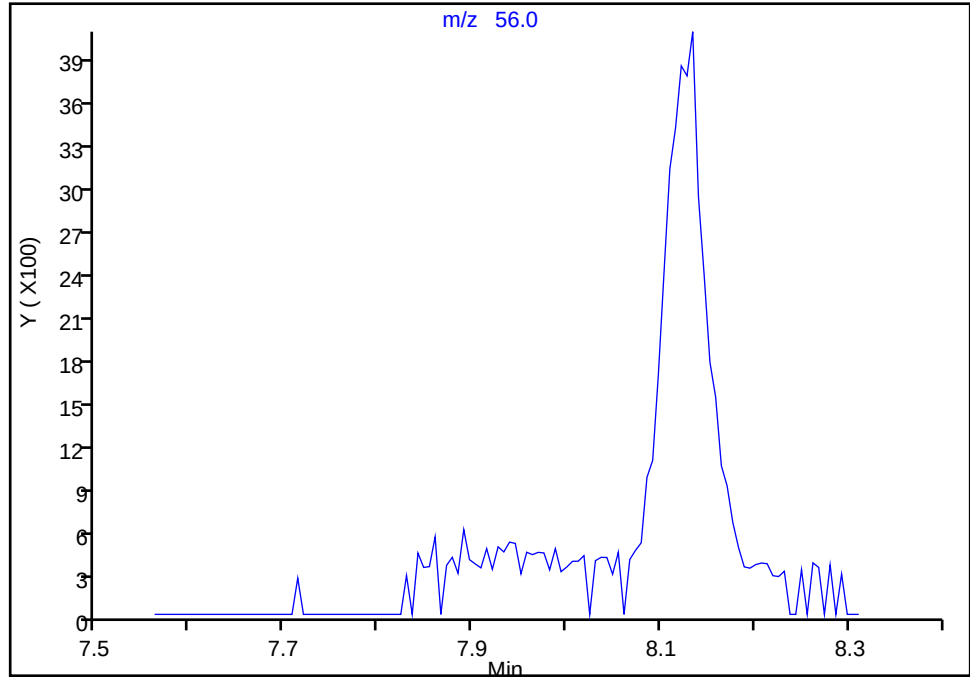
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X15.D
Injection Date: 27-Oct-2025 19:05:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

66 n-Butanol, CAS: 71-36-3

Signal: 1

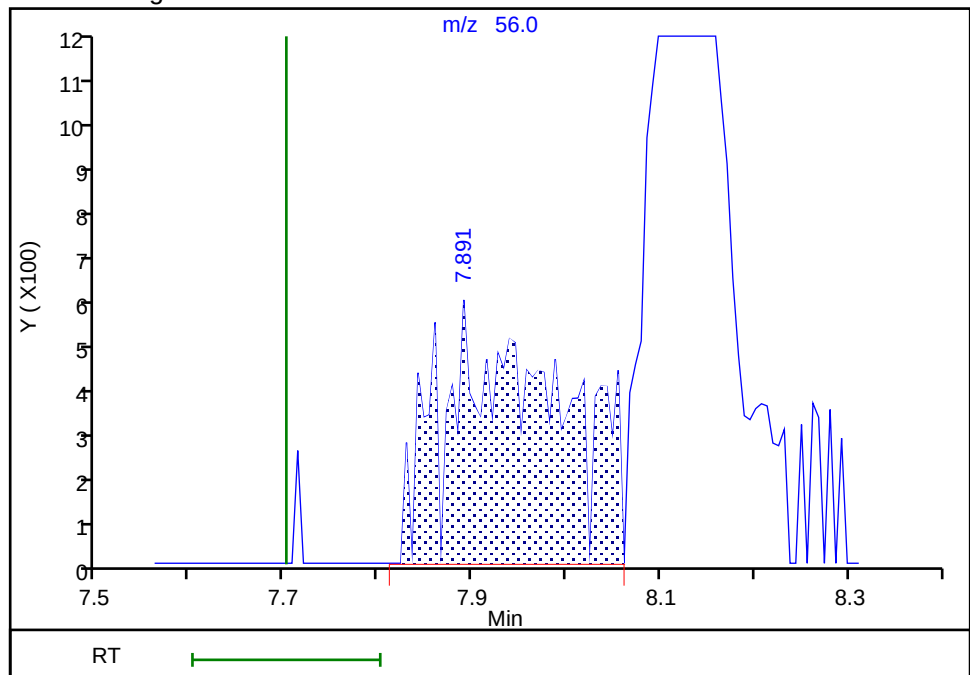
Not Detected
Expected RT: 7.70

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

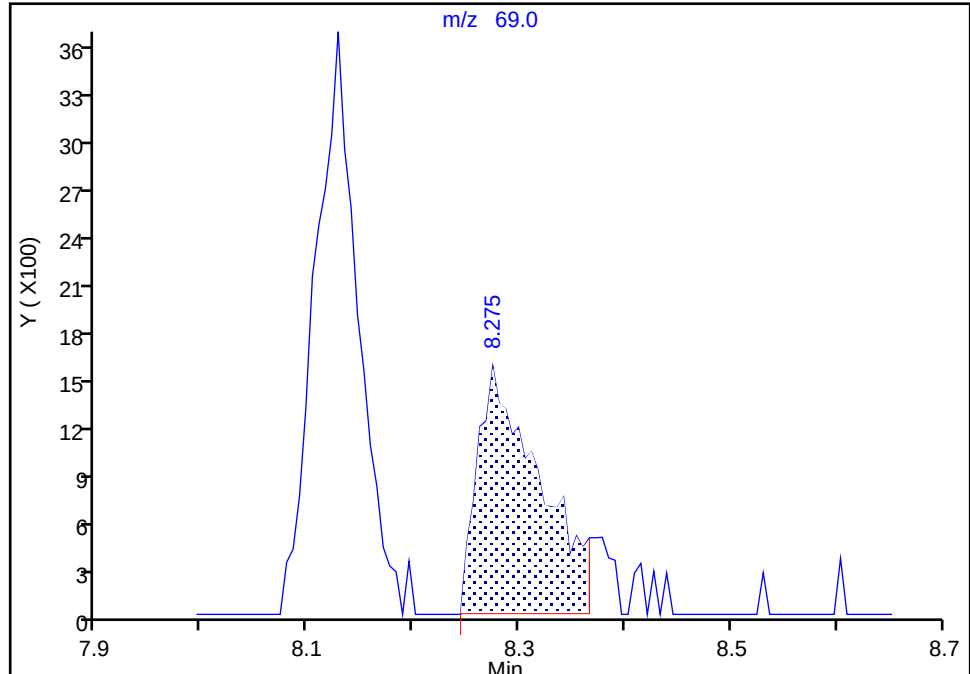
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X15.D
Injection Date: 27-Oct-2025 19:05:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 Methyl methacrylate, CAS: 80-62-6

Signal: 1

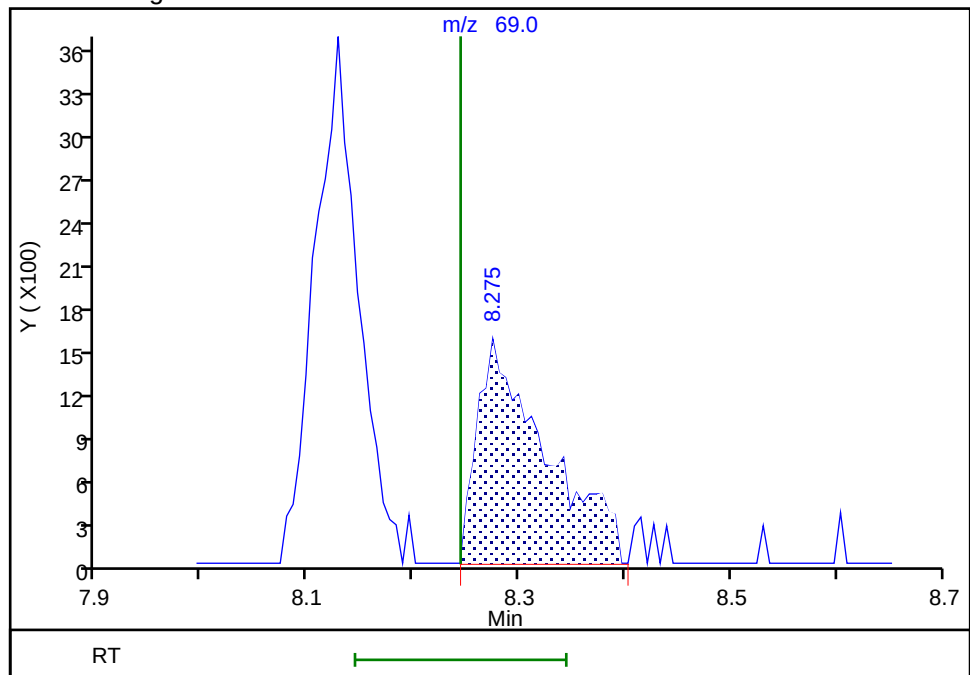
RT: 8.27
Area: 6321
Amount: 0.470883
Amount Units: ug/l

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

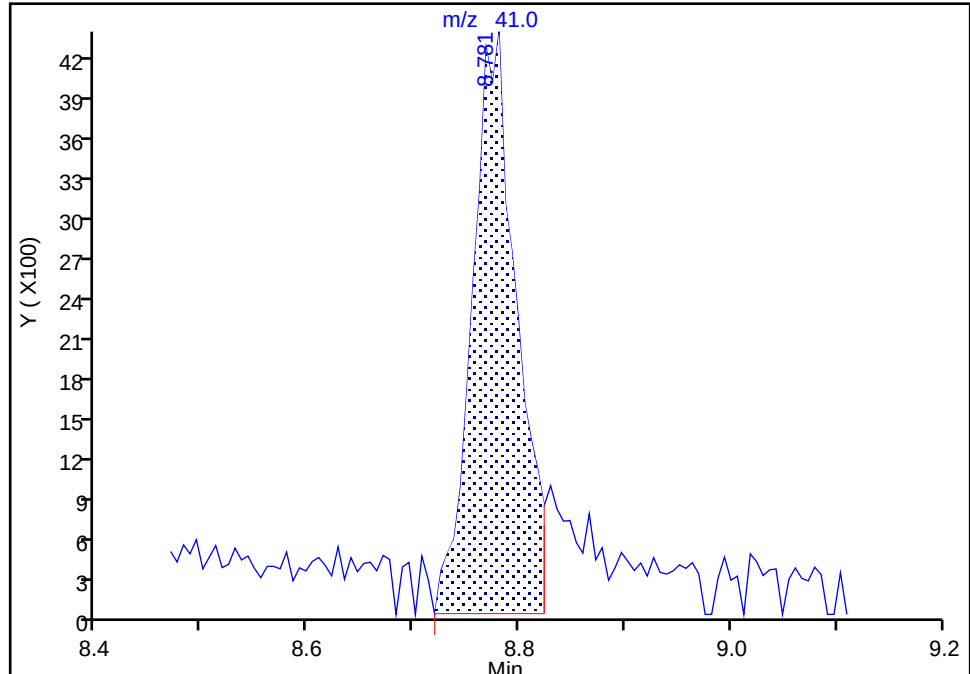
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X15.D
Injection Date: 27-Oct-2025 19:05:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

77 2-Nitropropane, CAS: 79-46-9

Signal: 1

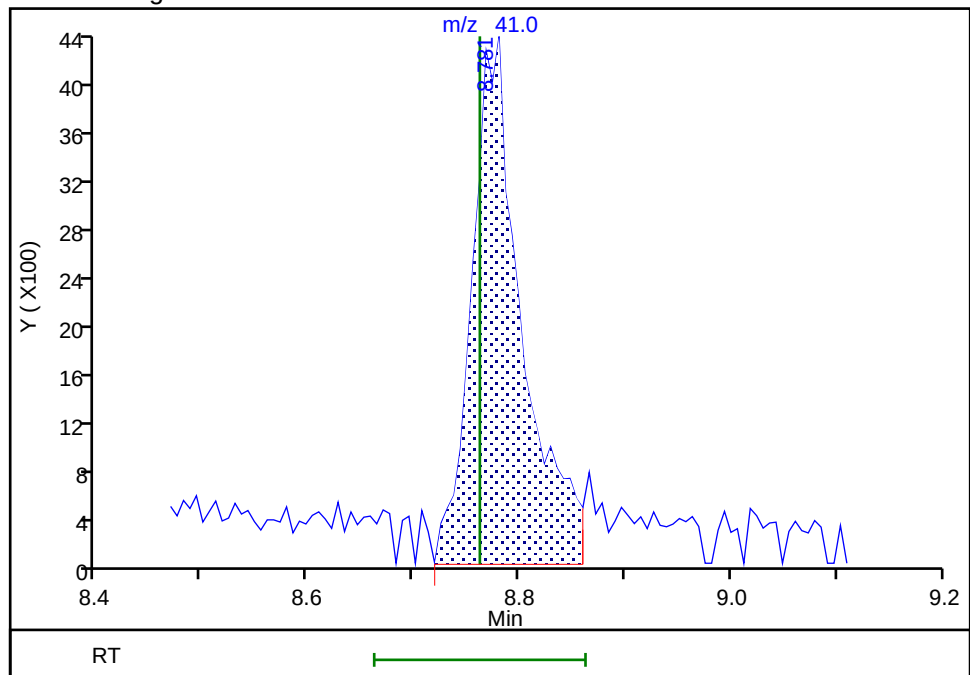
RT: 8.78
Area: 12775
Amount: 2.452776
Amount Units: ug/l

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:

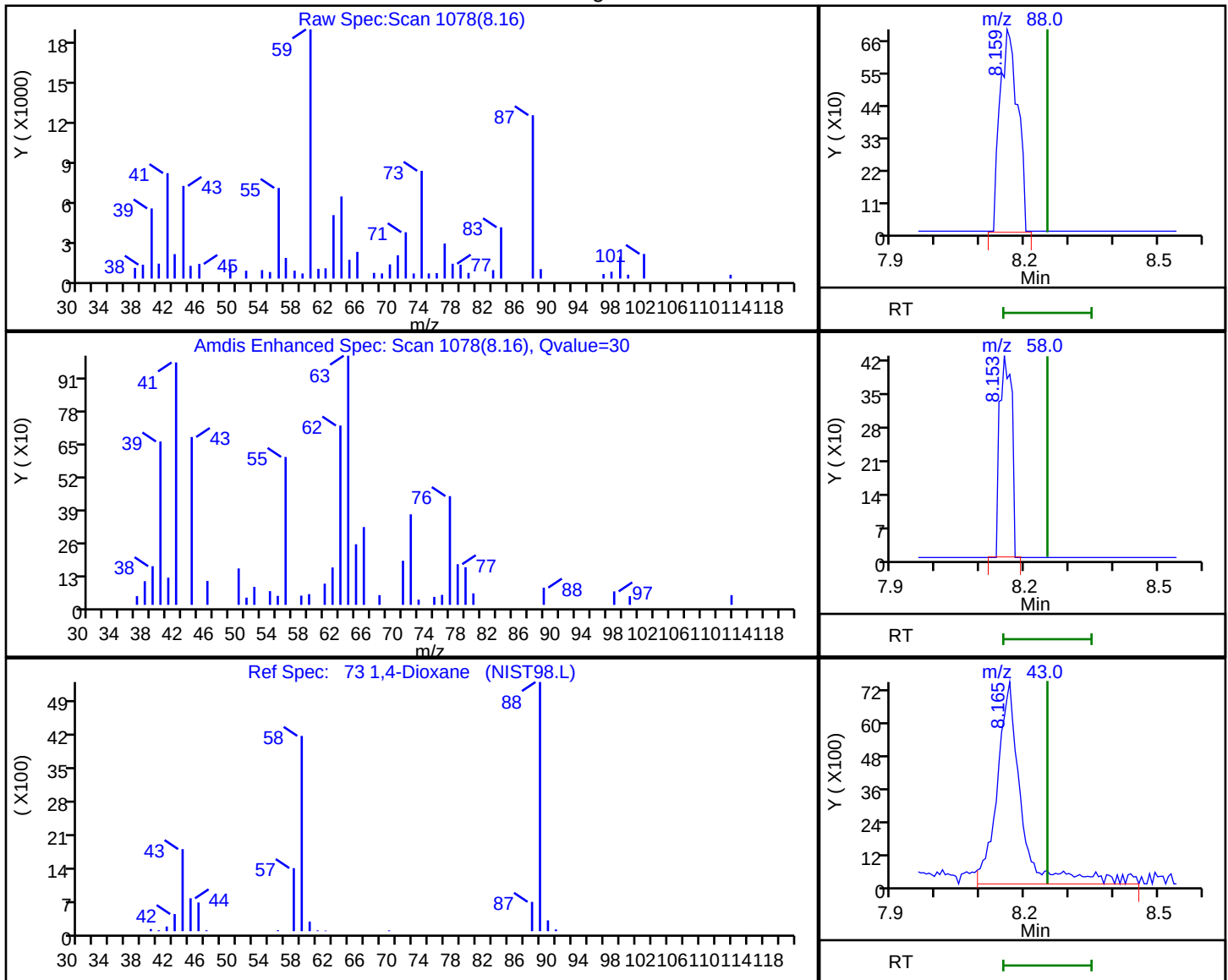
MSV - 8260C_D

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

Report Date: 29-Oct-2025 10:18:17

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\HC27X16.D

Injection Date: 27-Oct-2025 19:25:30

Instrument ID: 19094

Operator ID: ecr105096

Lims ID: IC std5 1

Worklist Smp#: 17

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

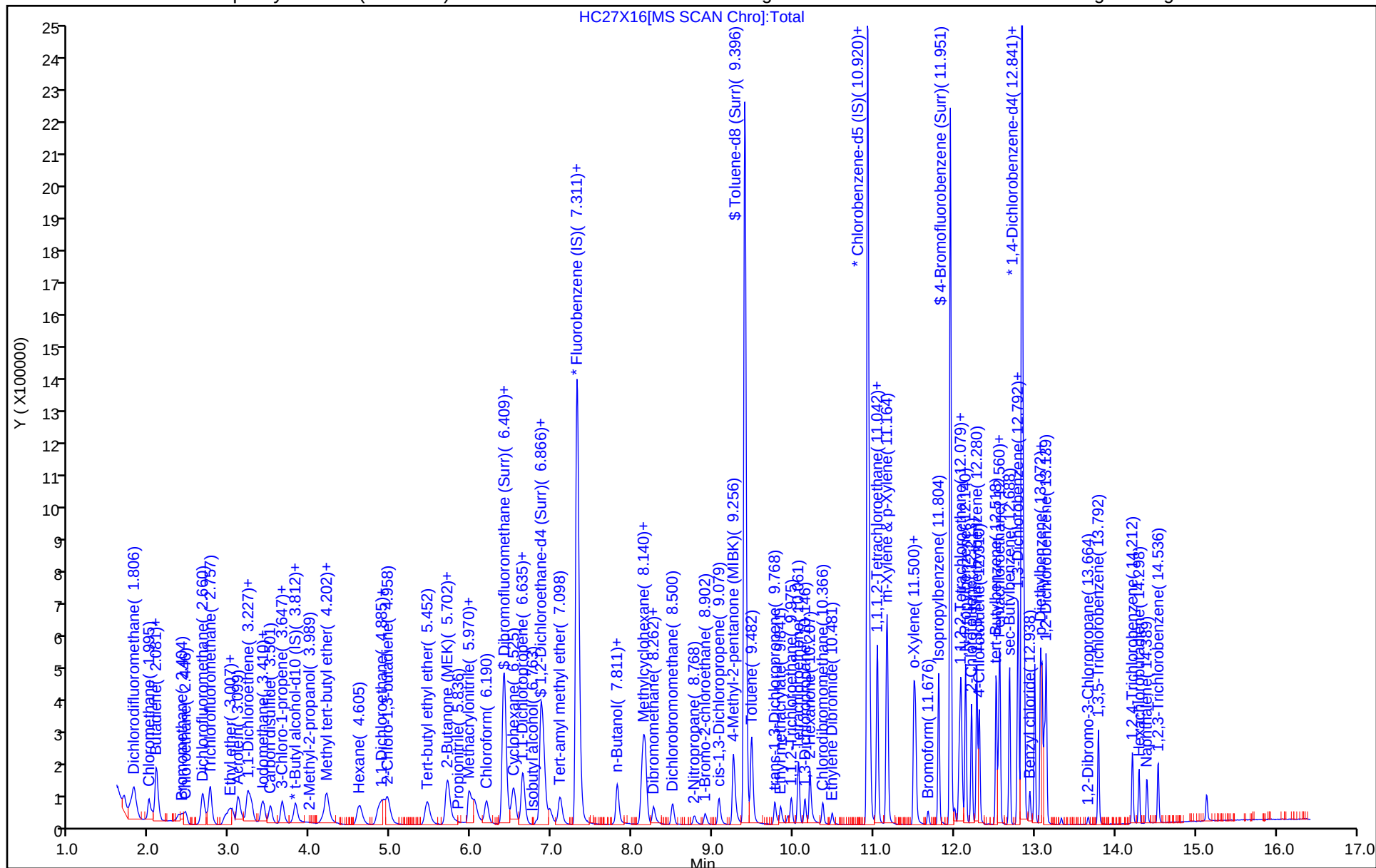
ALS Bottle#: 16

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

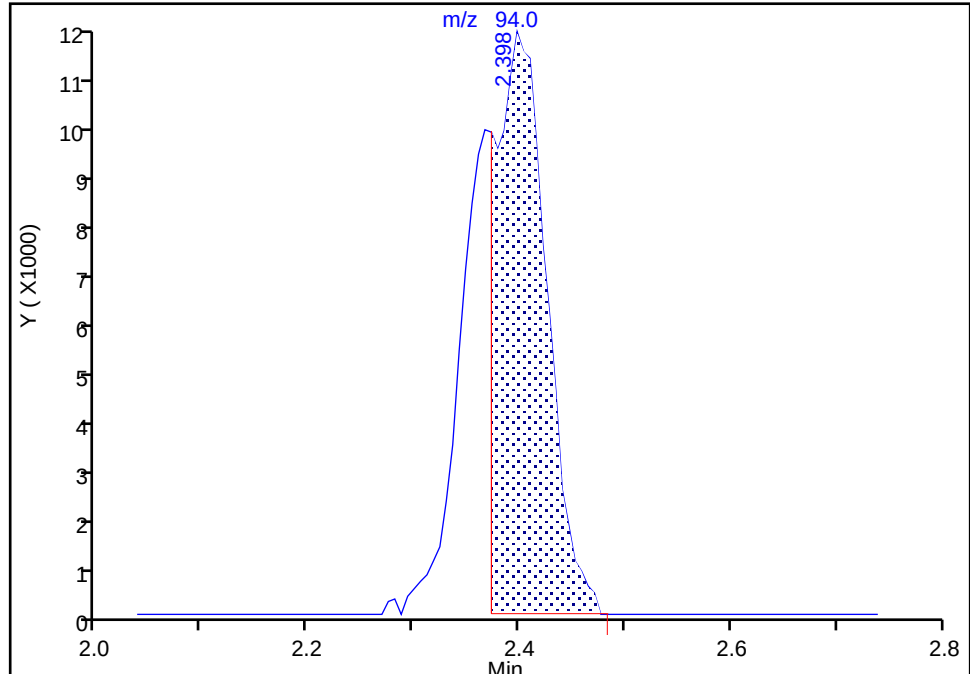
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

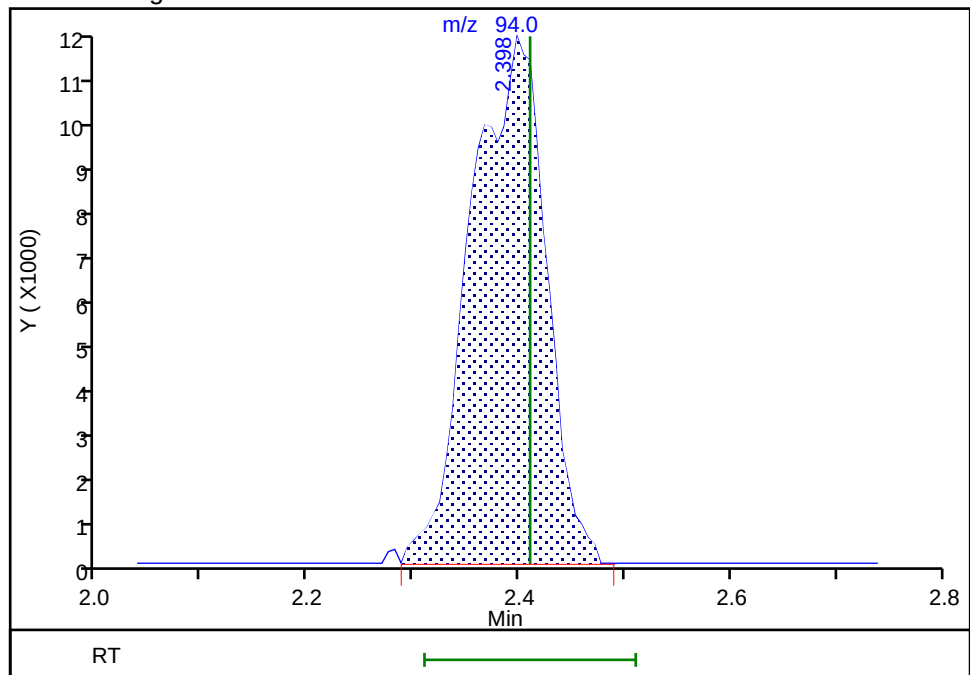
RT: 2.40
Area: 38356
Amount: 0.864858
Amount Units: ug/l

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

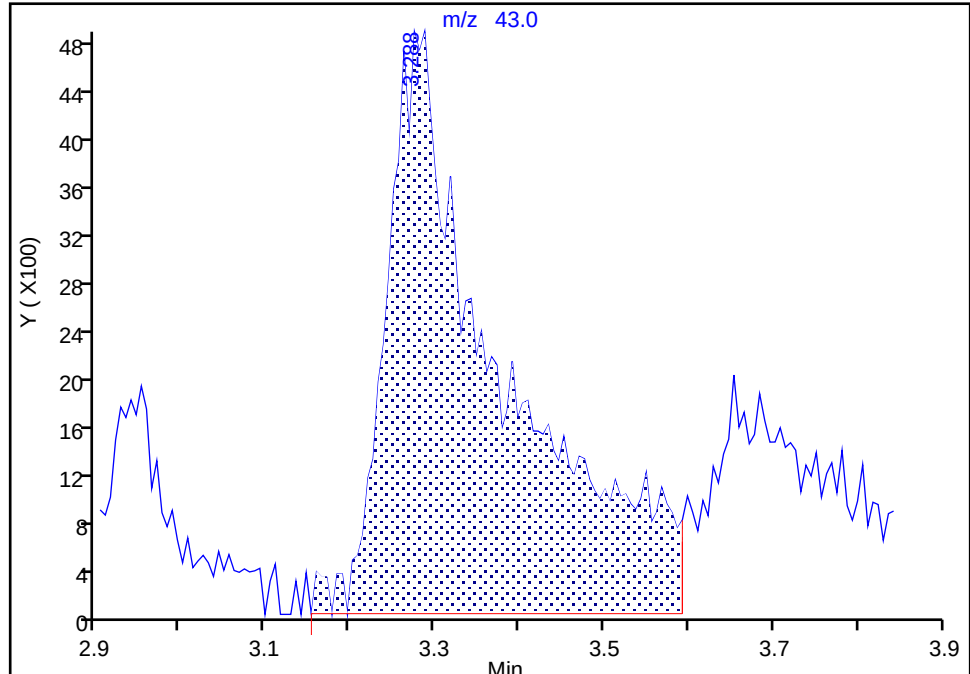
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

19 Acetone, CAS: 67-64-1

Signal: 1

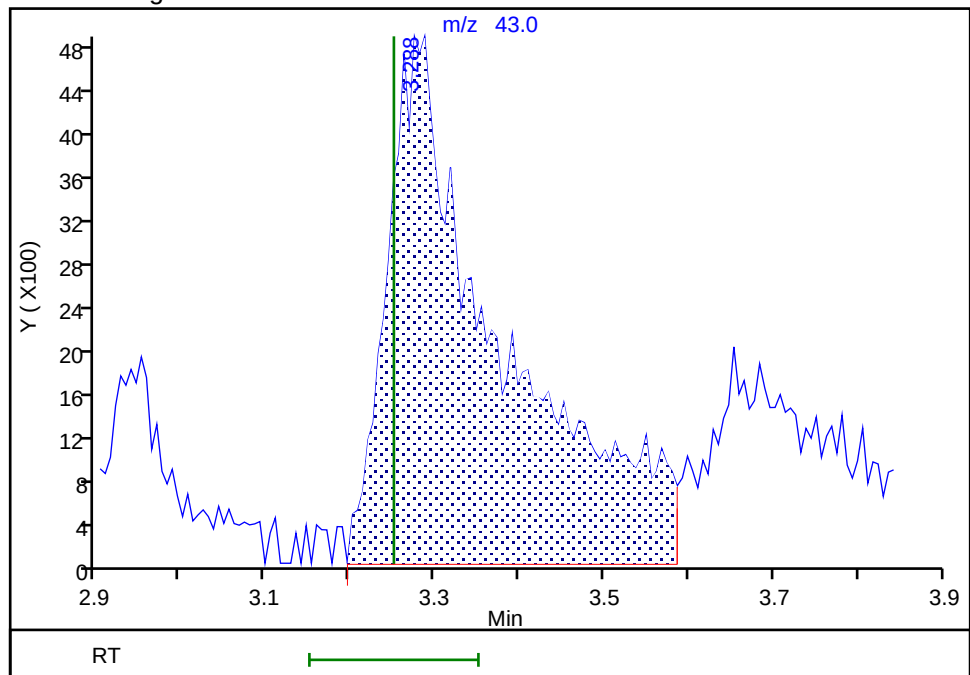
RT: 3.29
Area: 45731
Amount: 8.665443
Amount Units: ug/l

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

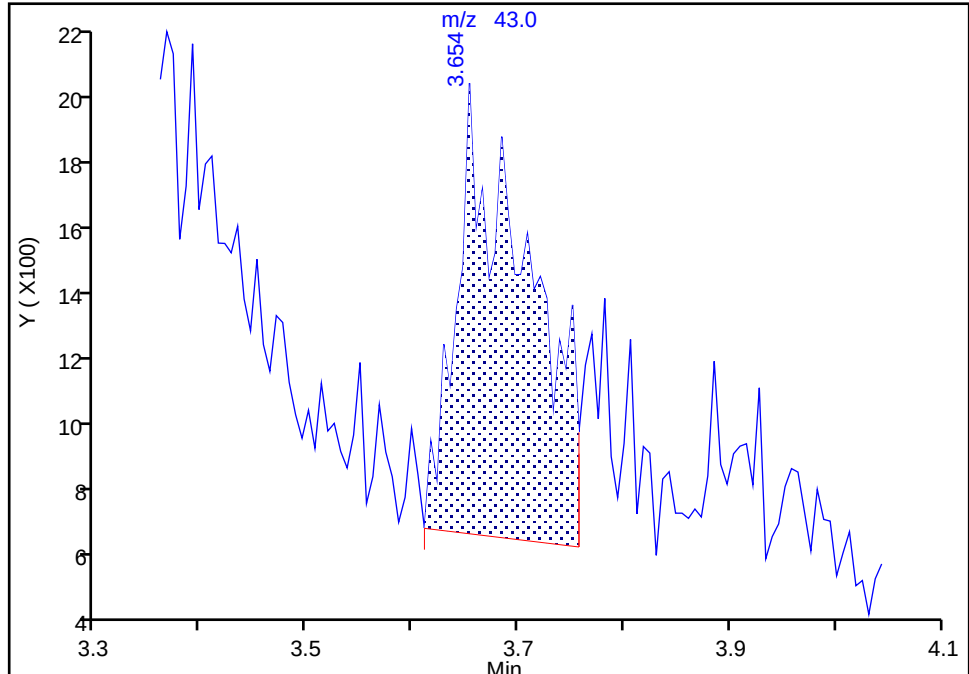
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

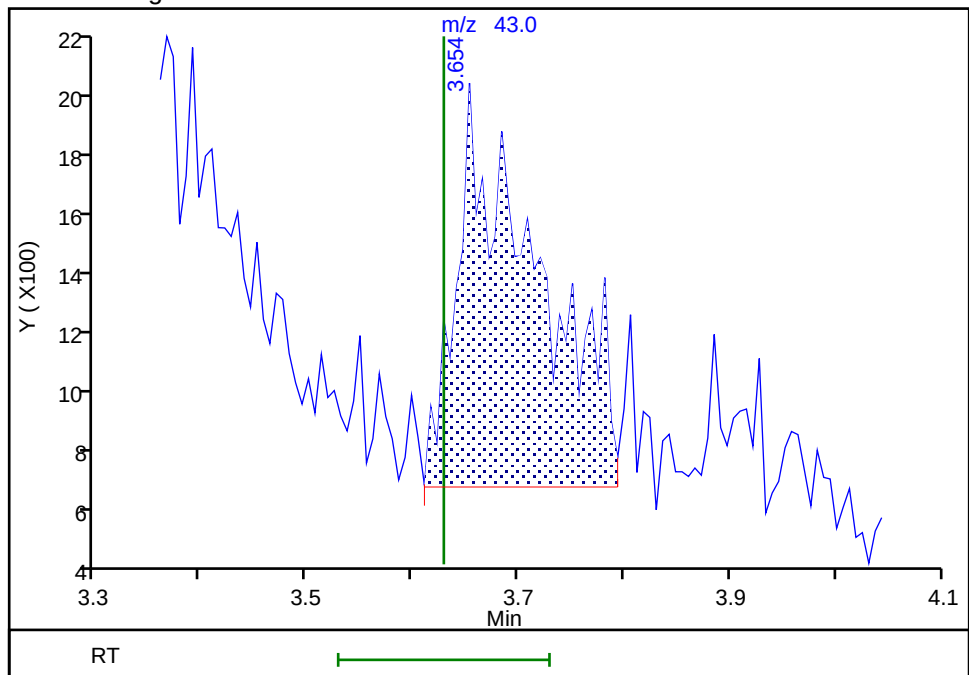
RT: 3.65
Area: 6108
Amount: 0.448051
Amount Units: ug/l

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

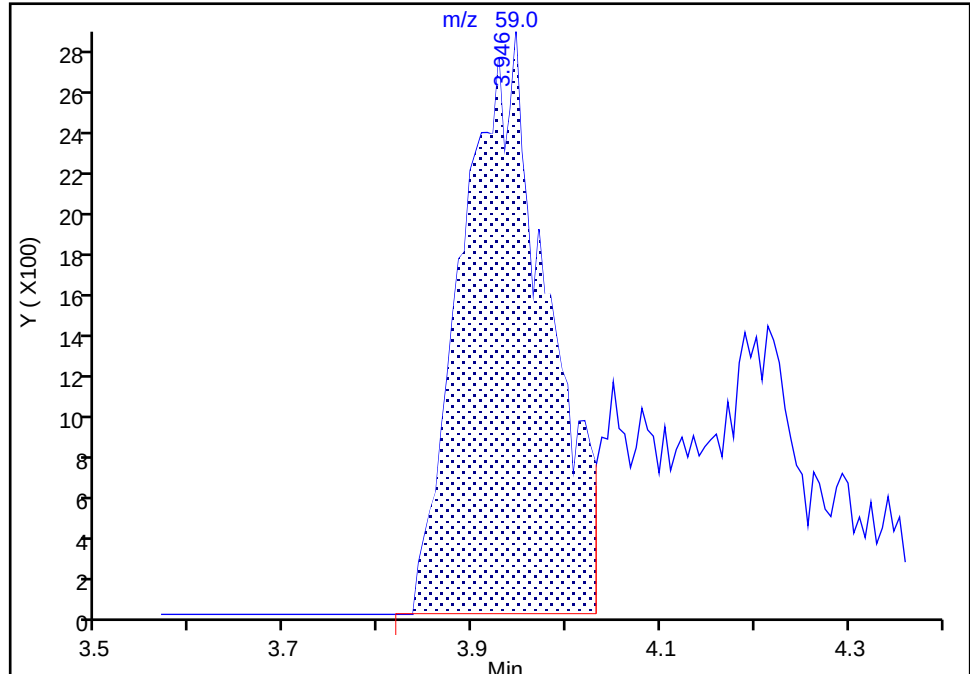
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

29 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

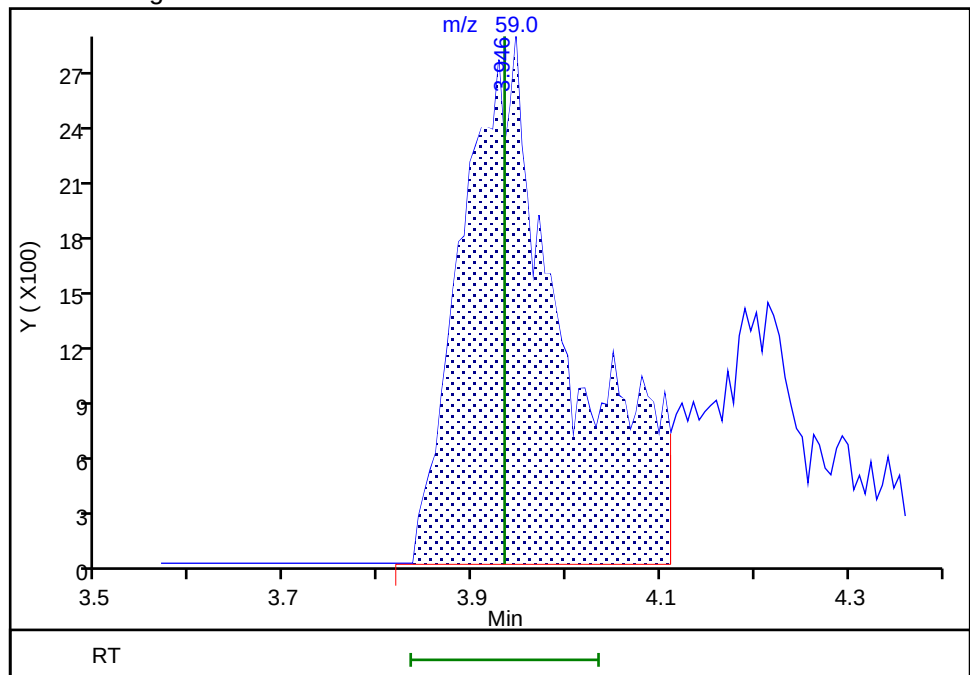
RT: 3.95
Area: 17960
Amount: 16.293131
Amount Units: ug/l

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

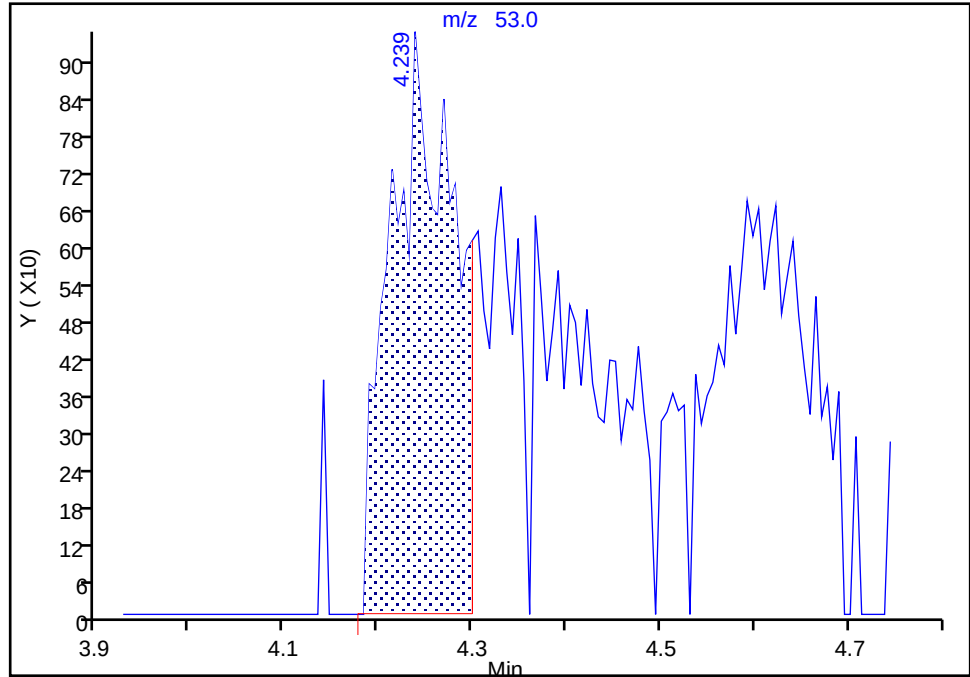
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

30 Acrylonitrile, CAS: 107-13-1

Signal: 1

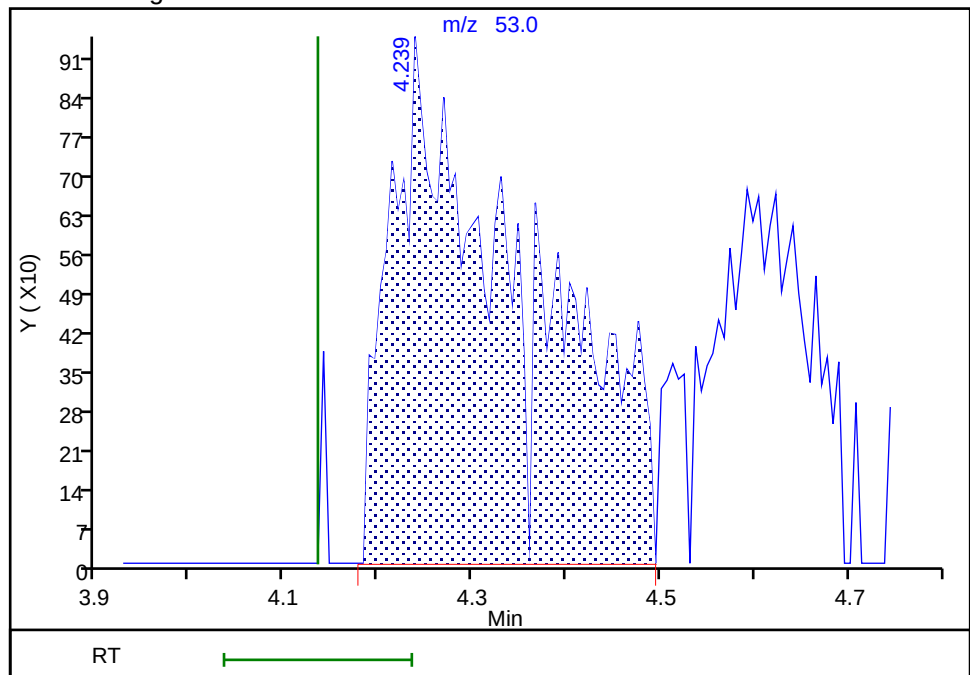
RT: 4.24
Area: 4418
Amount: 2.644529
Amount Units: ug/l

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

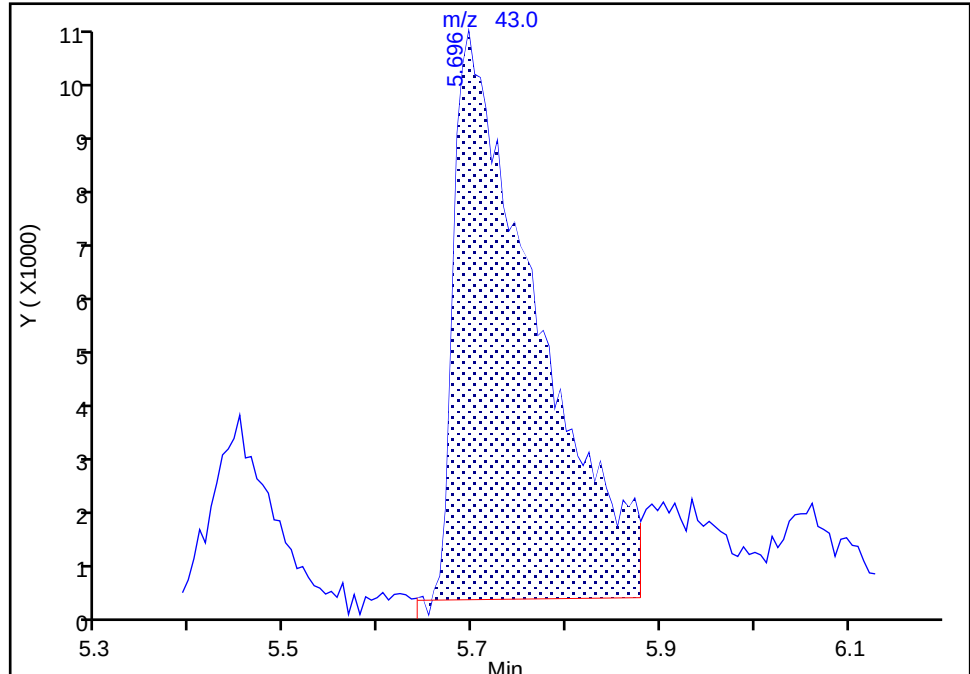
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

41 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

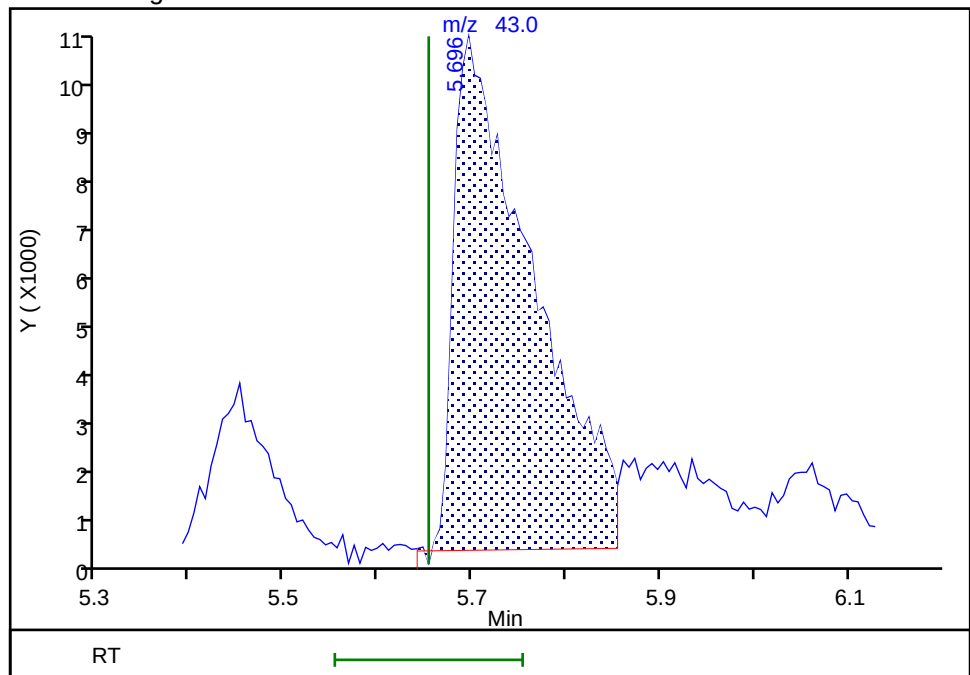
RT: 5.70
Area: 60986
Amount: 8.583607
Amount Units: ug/l

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

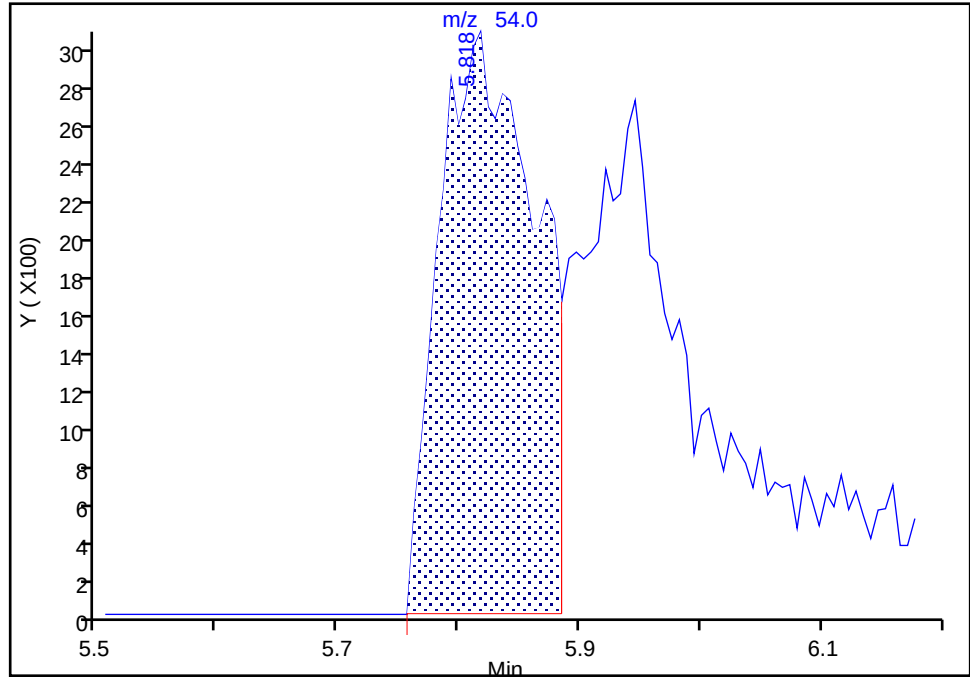
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

44 Propionitrile, CAS: 107-12-0

Signal: 1

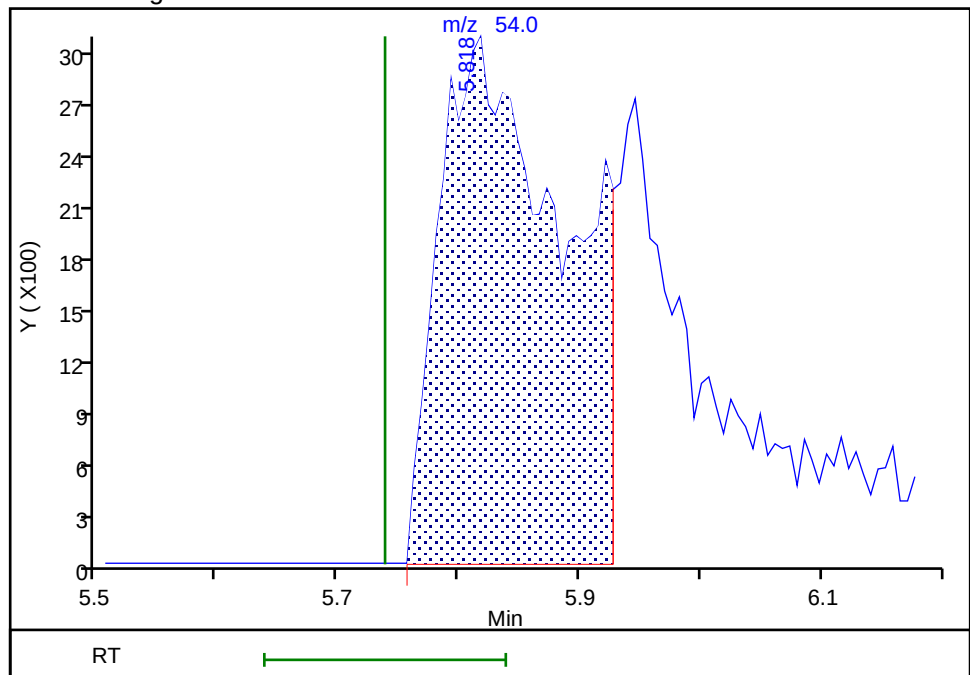
RT: 5.82
Area: 17113
Amount: 12.064514
Amount Units: ug/l

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

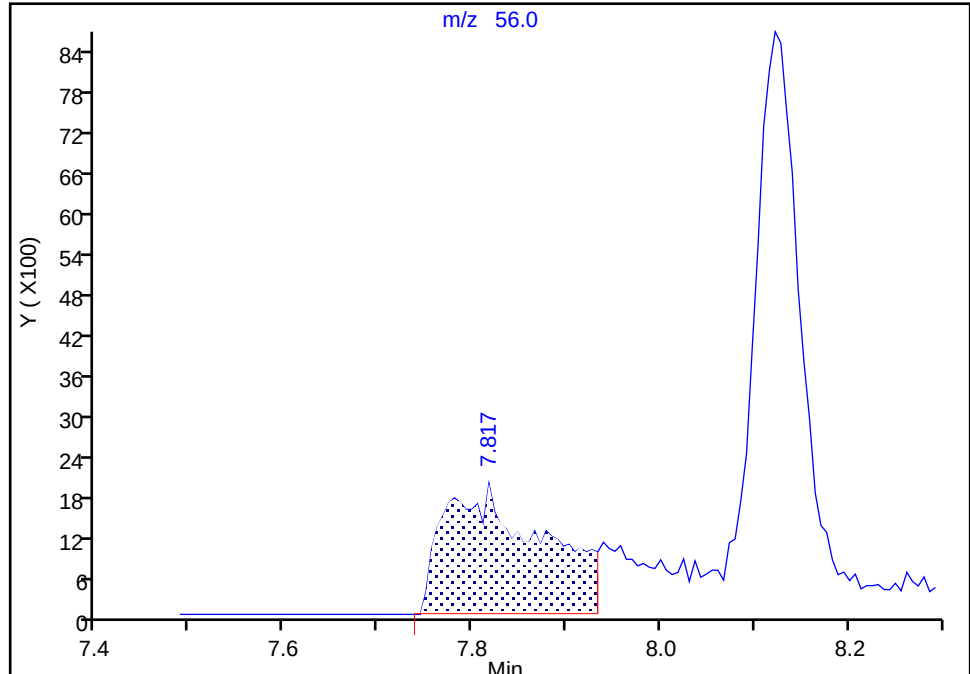
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

66 n-Butanol, CAS: 71-36-3

Signal: 1

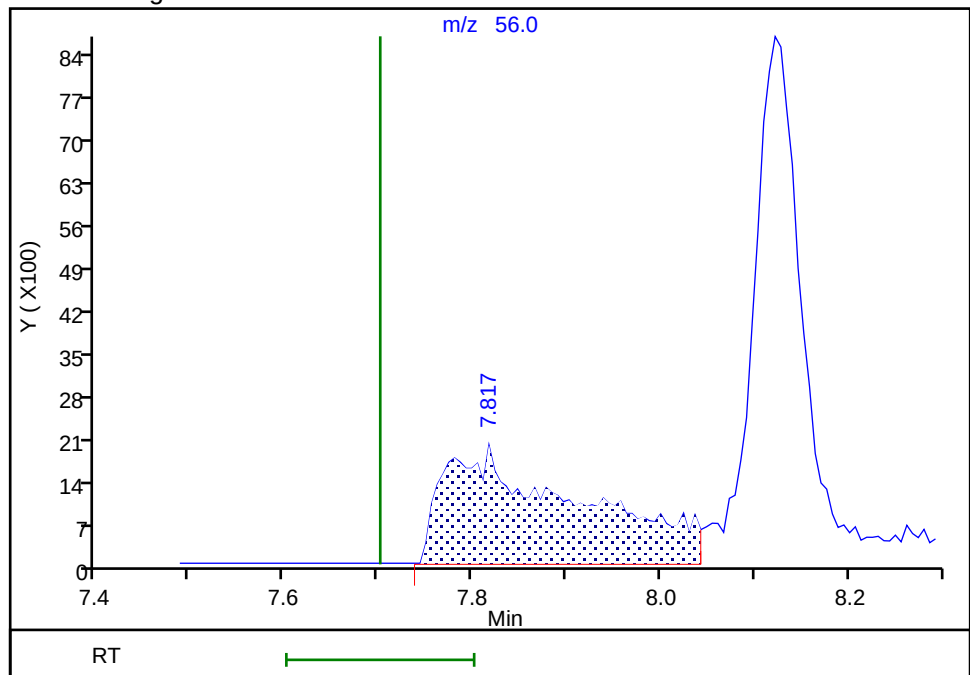
RT: 7.82
Area: 13980
Amount: 81.353987
Amount Units: ug/l

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

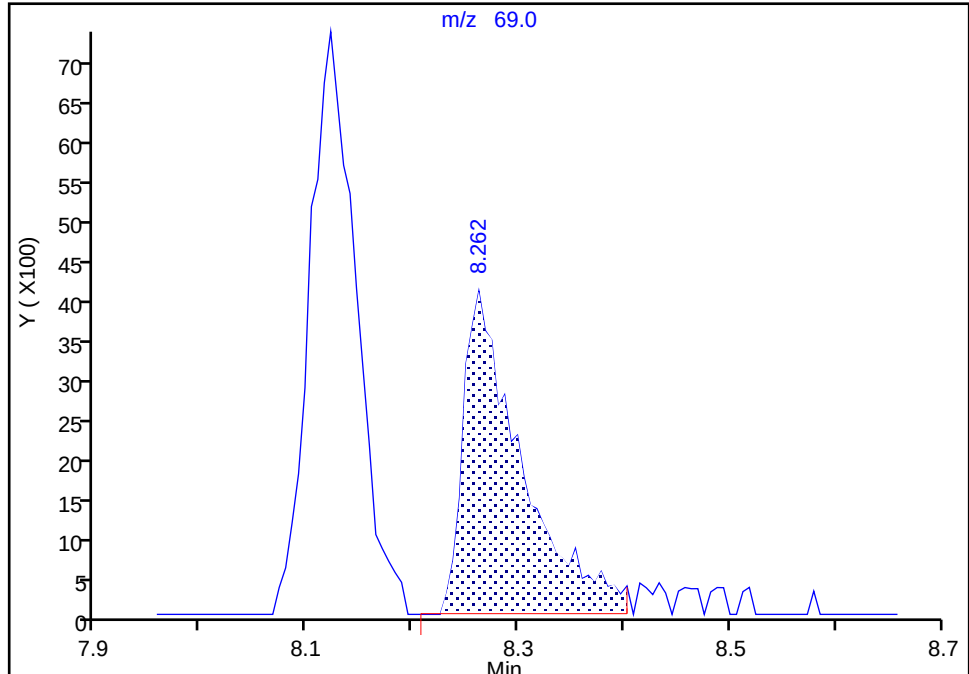
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 Methyl methacrylate, CAS: 80-62-6

Signal: 1

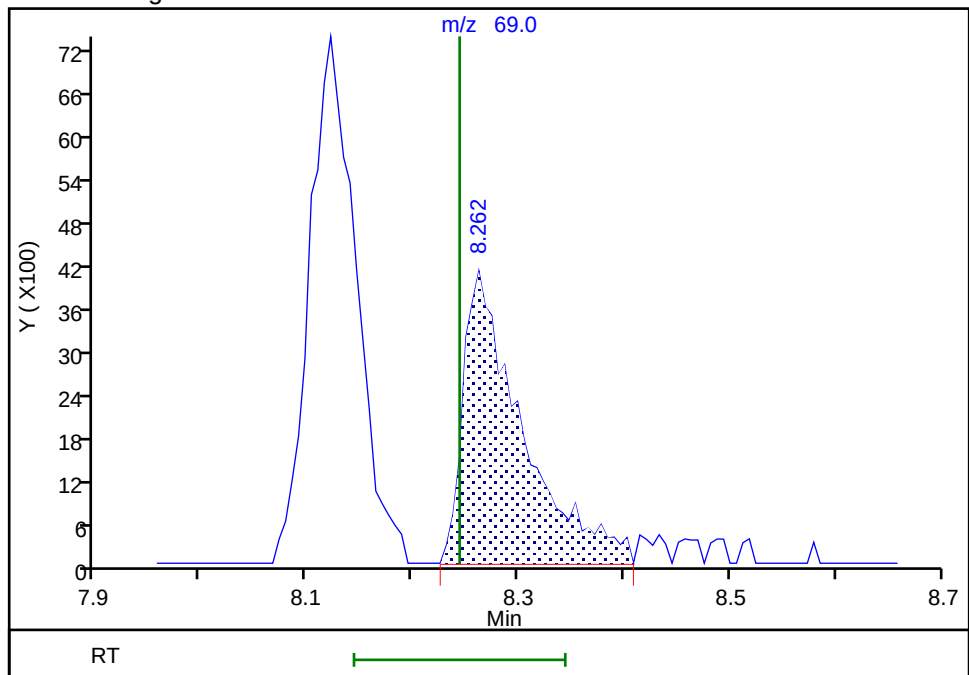
RT: 8.26
Area: 15745
Amount: 0.915673
Amount Units: ug/l

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

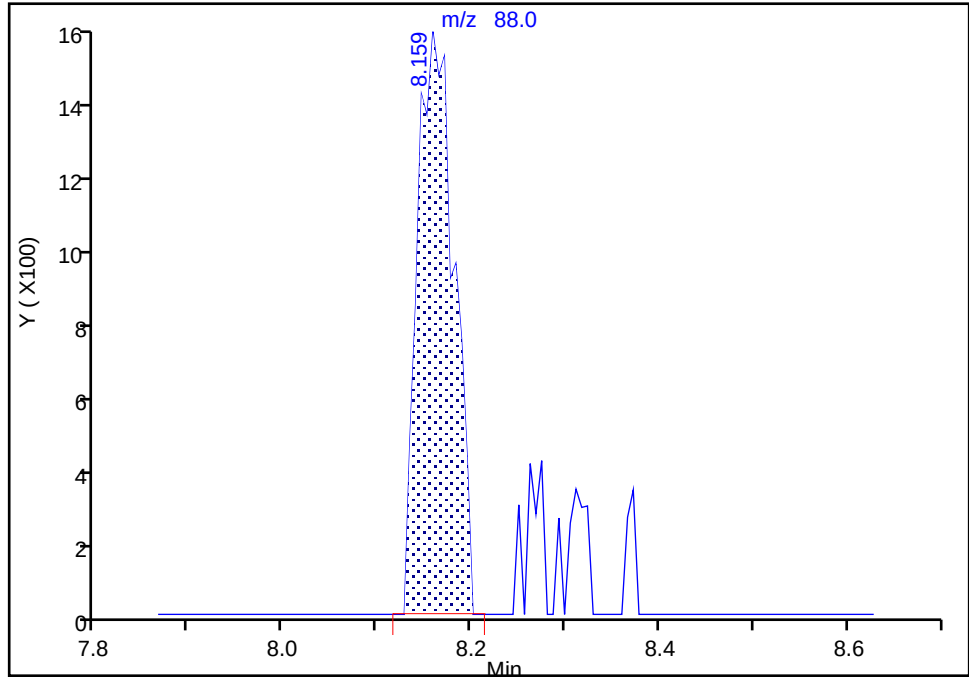
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

73 1,4-Dioxane, CAS: 123-91-1

Signal: 1

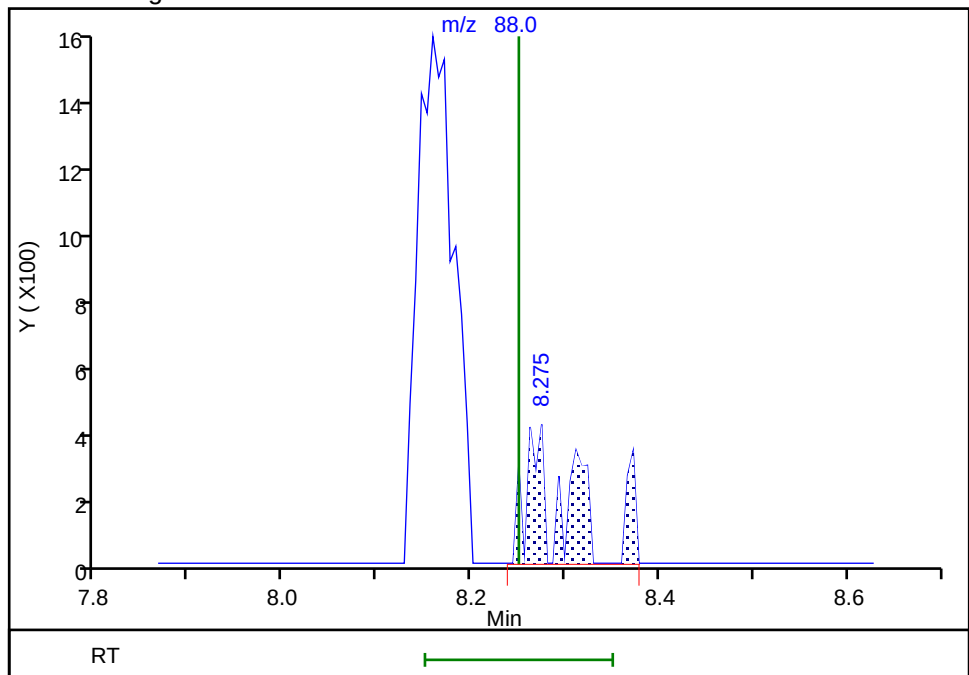
RT: 8.16
Area: 4307
Amount: 65.534102
Amount Units: ug/l

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

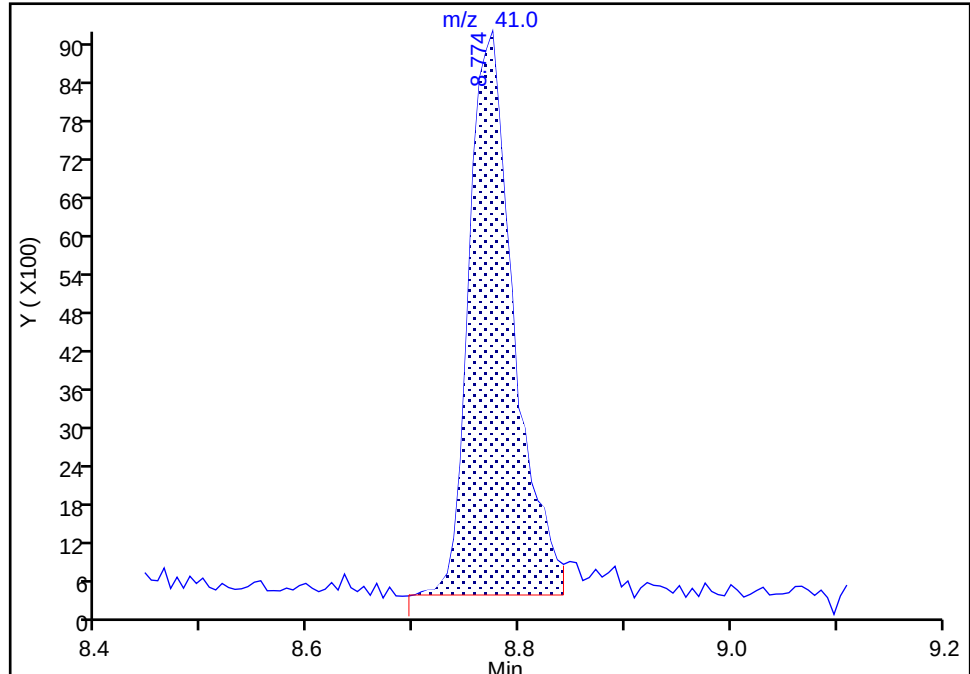
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

77 2-Nitropropane, CAS: 79-46-9

Signal: 1

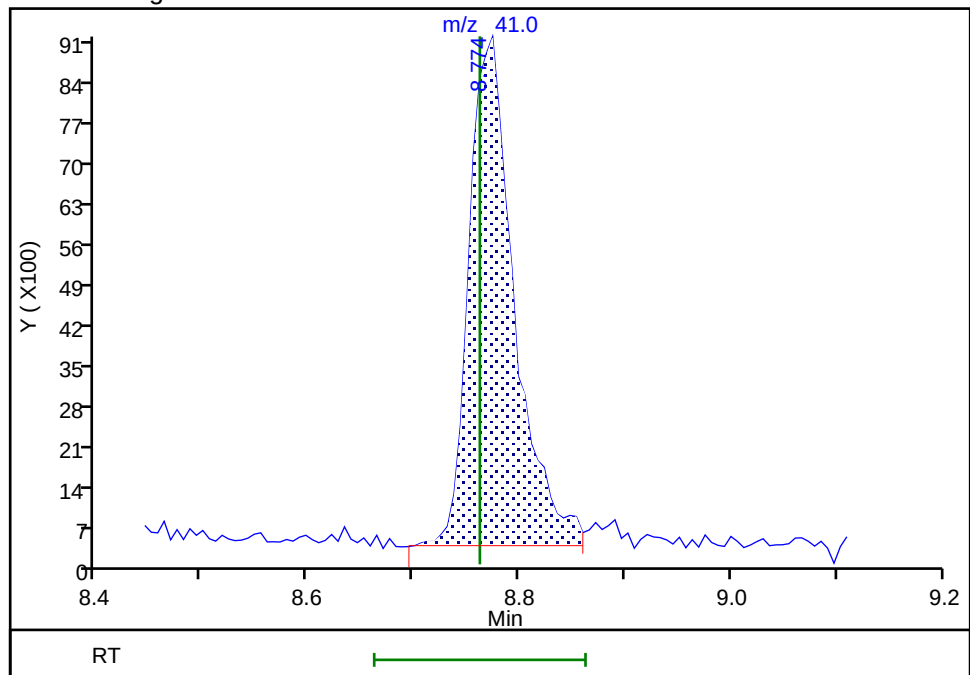
RT: 8.77
Area: 26087
Amount: 4.861131
Amount Units: ug/l

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

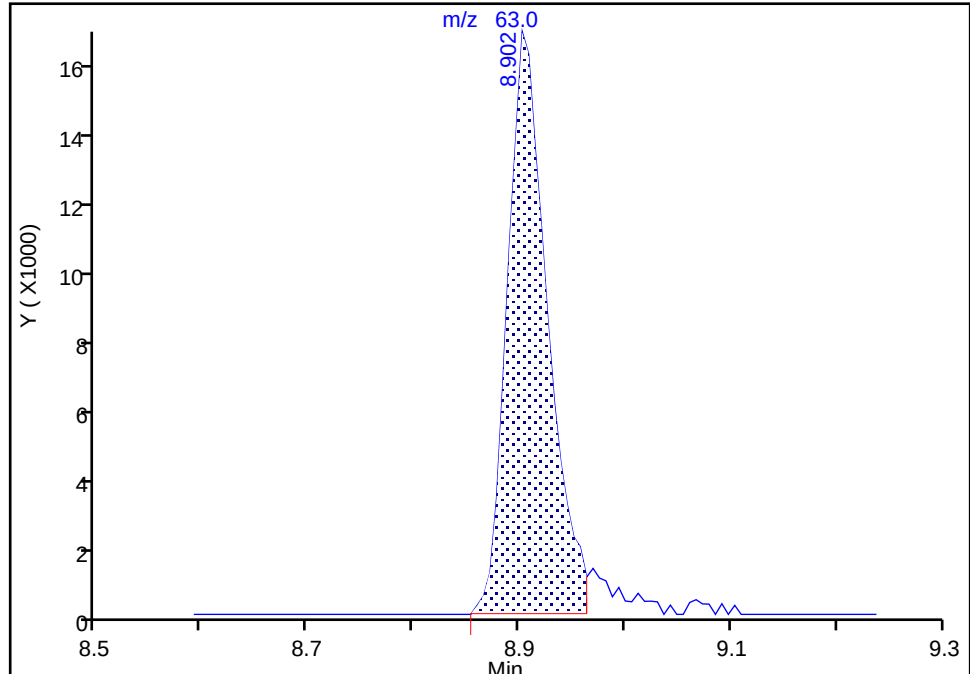
Data File: \\chromfs\Lancaster\ChromData\19094\20251027-164600.b\HC27X16.D
Injection Date: 27-Oct-2025 19:25:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: ecr105096 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

79 1-Bromo-2-chloroethane, CAS: 107-04-0

Signal: 1

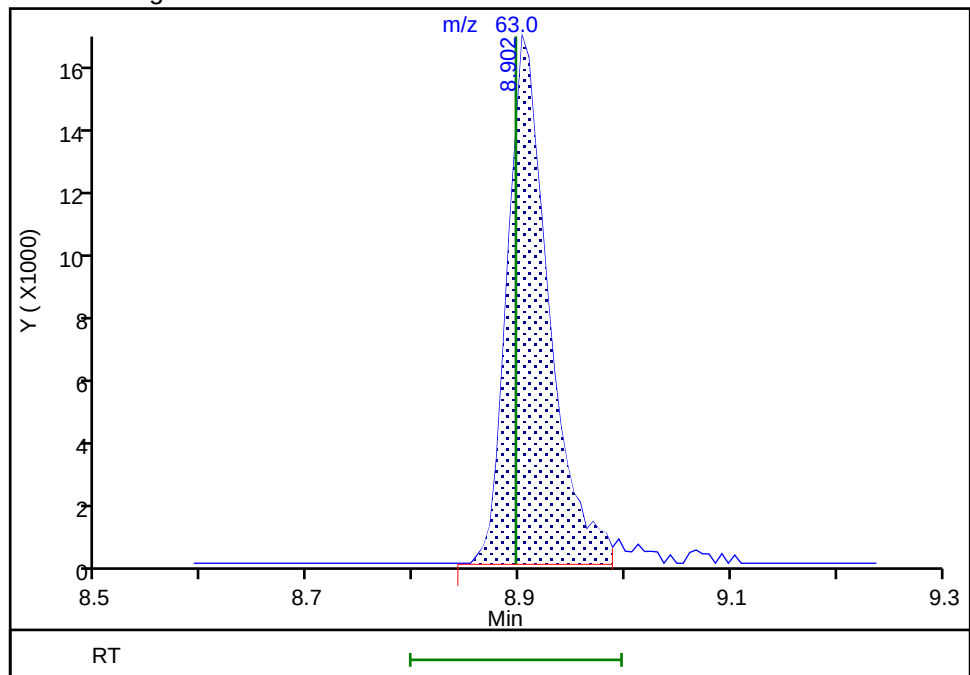
RT: 8.90
Area: 43917
Amount: 1.114356
Amount Units: ug/l

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

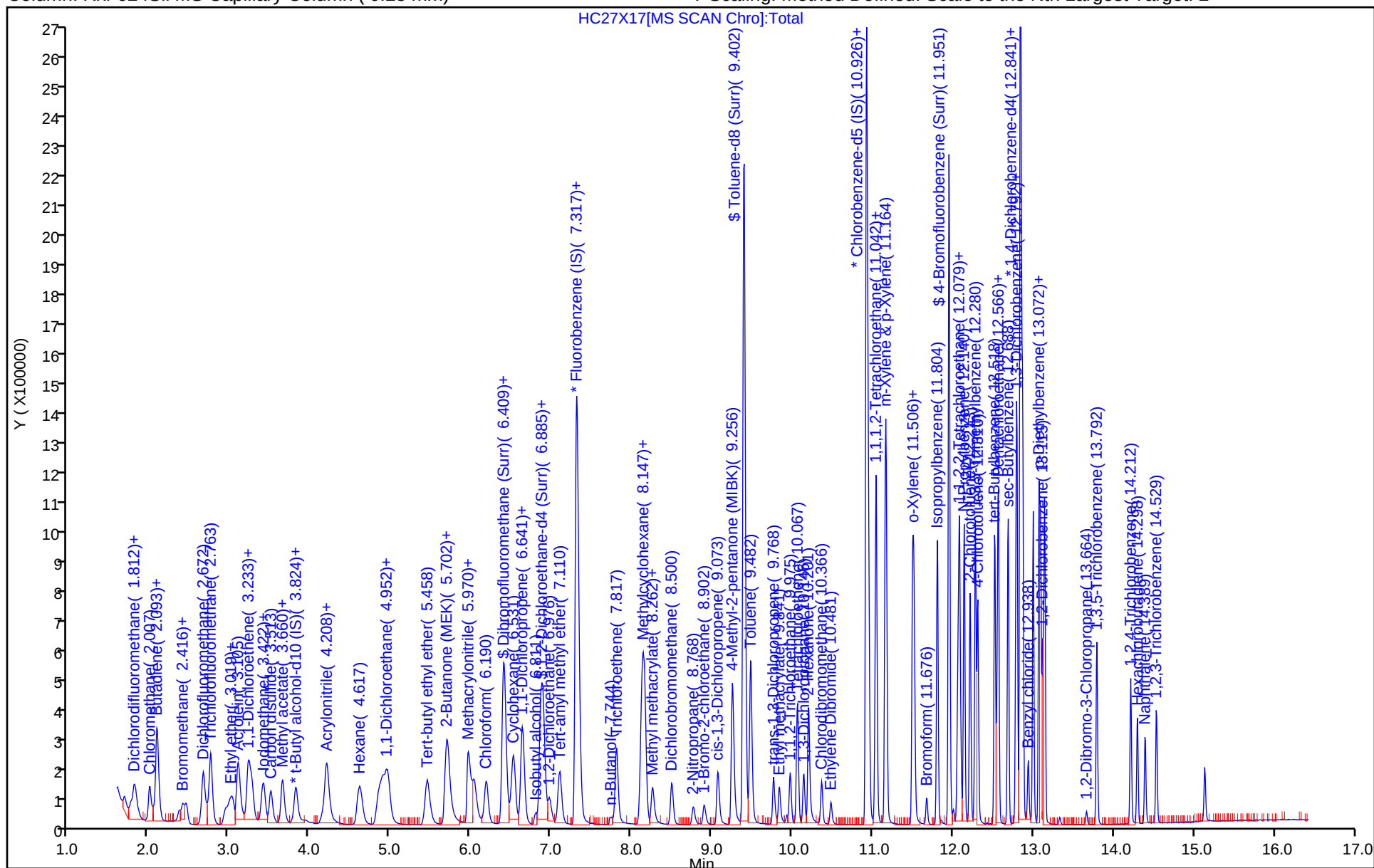
ALS Bottle#: 17

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

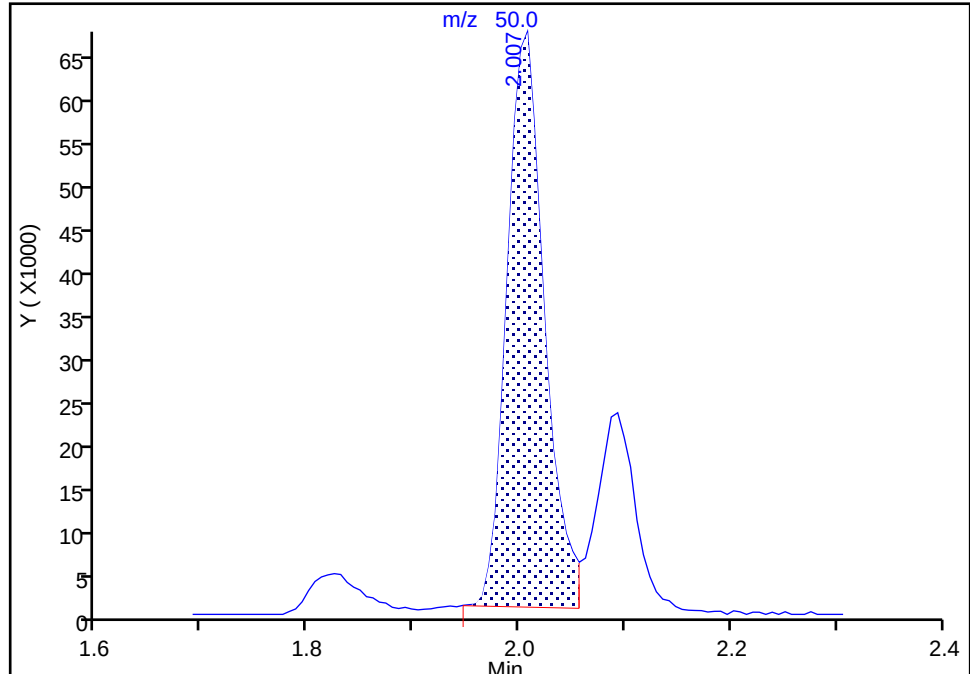
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Injection Date: 27-Oct-2025 19:47:30 Instrument ID: 19094
Lims ID: IC std6 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

5 Chloromethane, CAS: 74-87-3

Signal: 1

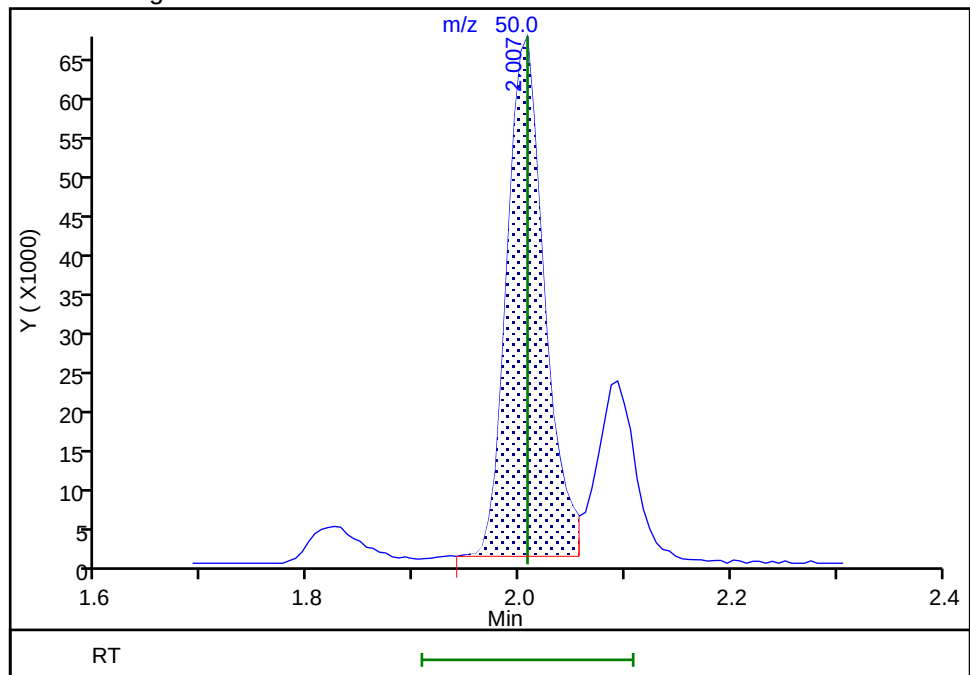
RT: 2.01
Area: 165019
Amount: 1.769465
Amount Units: ug/l

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

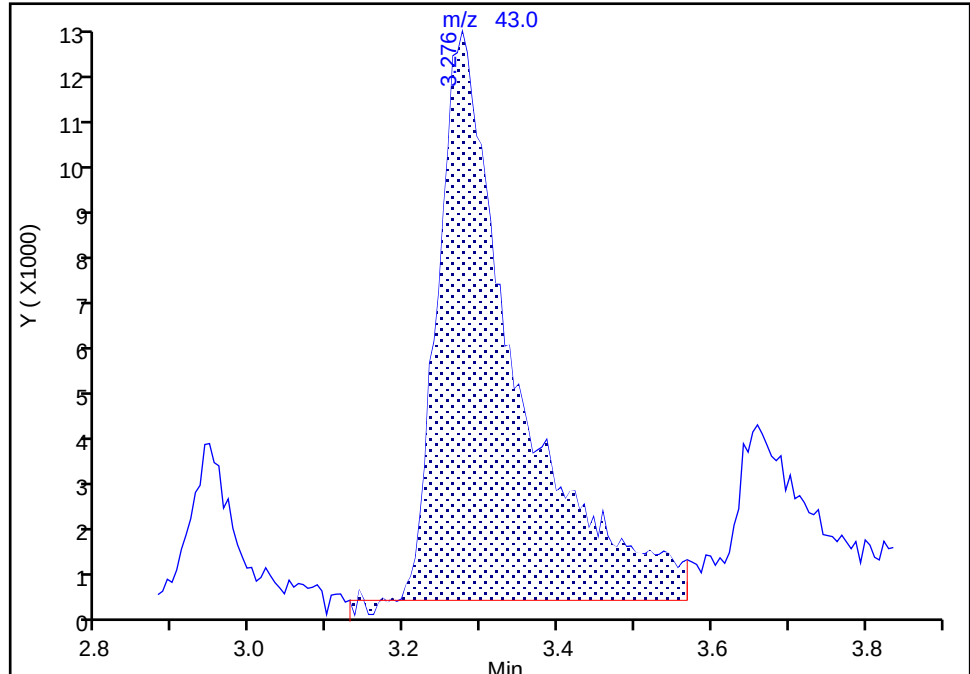
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Injection Date: 27-Oct-2025 19:47:30 Instrument ID: 19094
Lims ID: IC std6 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

19 Acetone, CAS: 67-64-1

Signal: 1

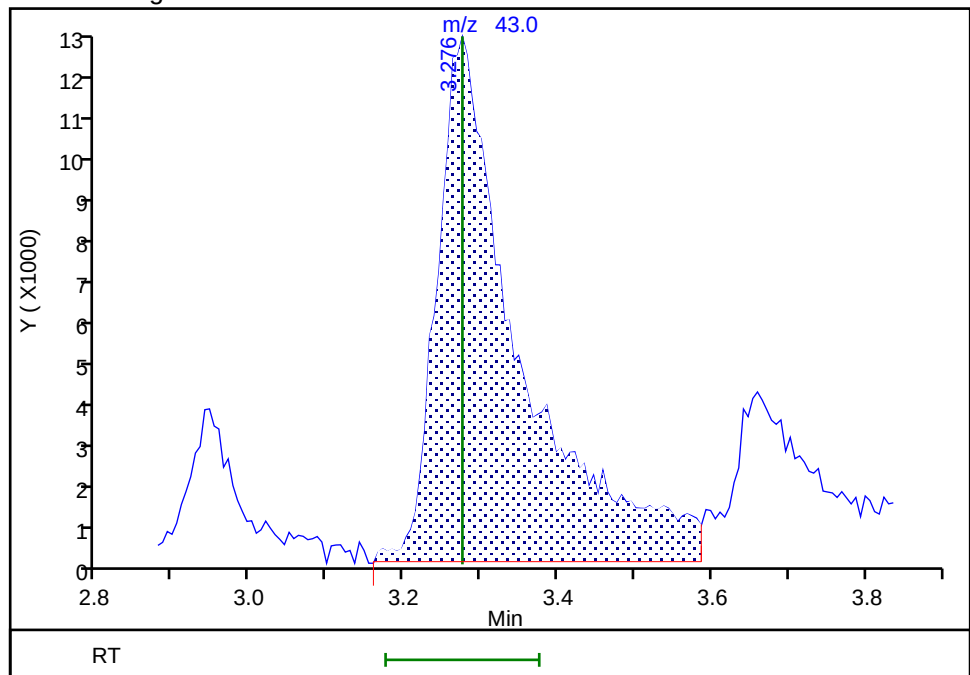
RT: 3.28
Area: 83349
Amount: 18.073085
Amount Units: ug/l

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

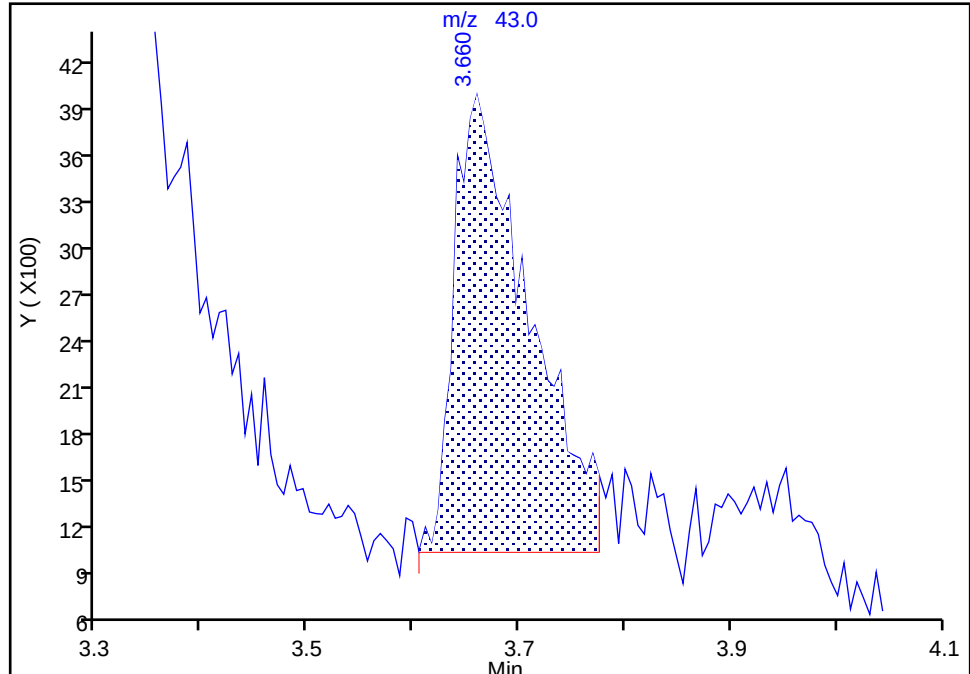
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Injection Date: 27-Oct-2025 19:47:30 Instrument ID: 19094
Lims ID: IC std6 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

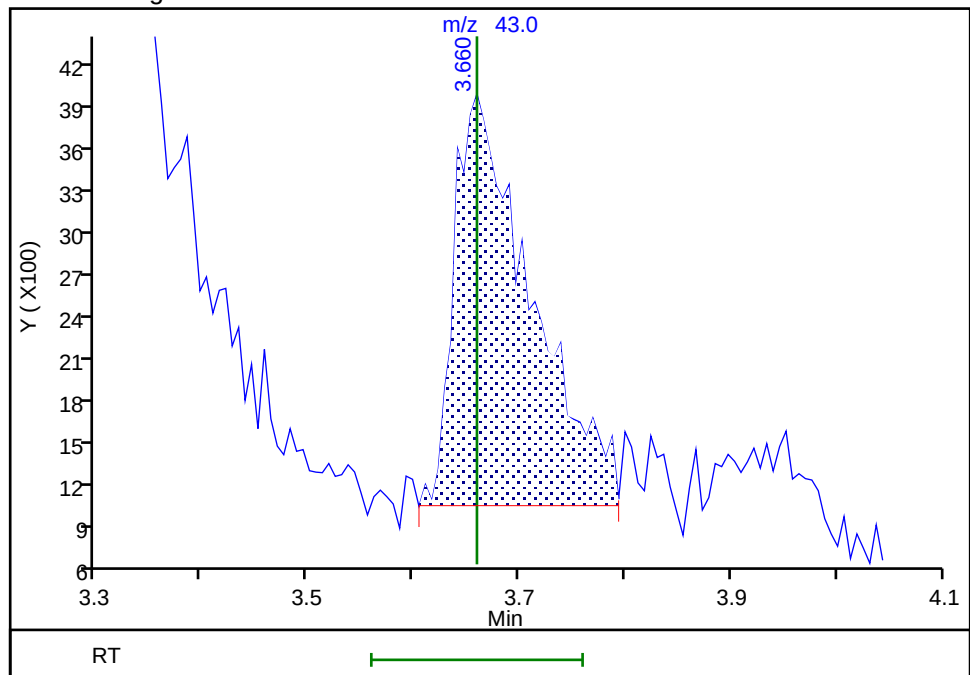
RT: 3.66
Area: 14433
Amount: 1.198005
Amount Units: ug/l

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

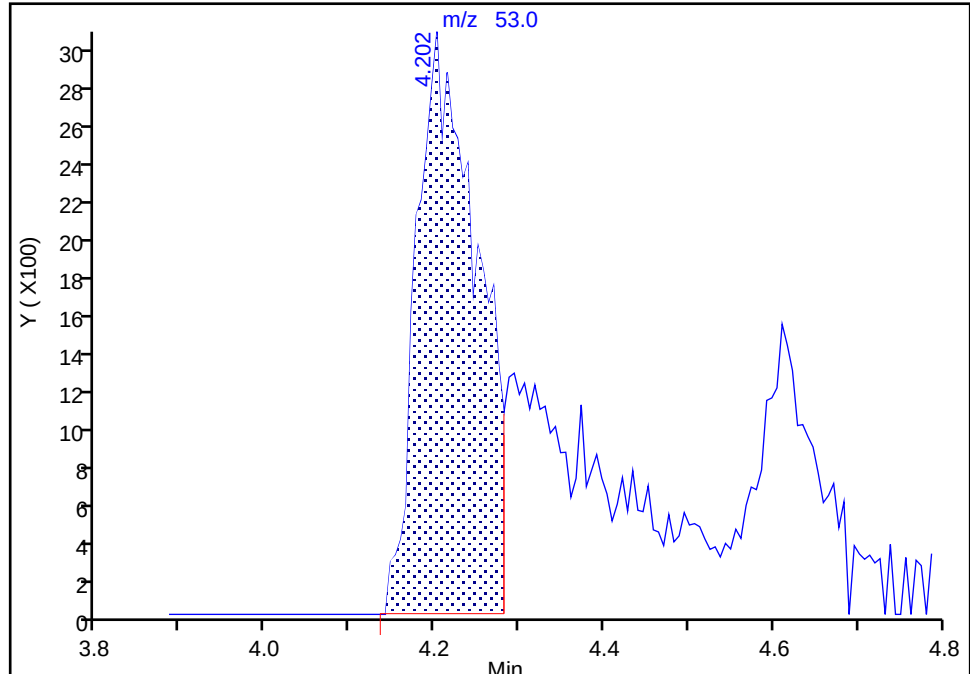
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Injection Date: 27-Oct-2025 19:47:30 Instrument ID: 19094
Lims ID: IC std6 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

30 Acrylonitrile, CAS: 107-13-1

Signal: 1

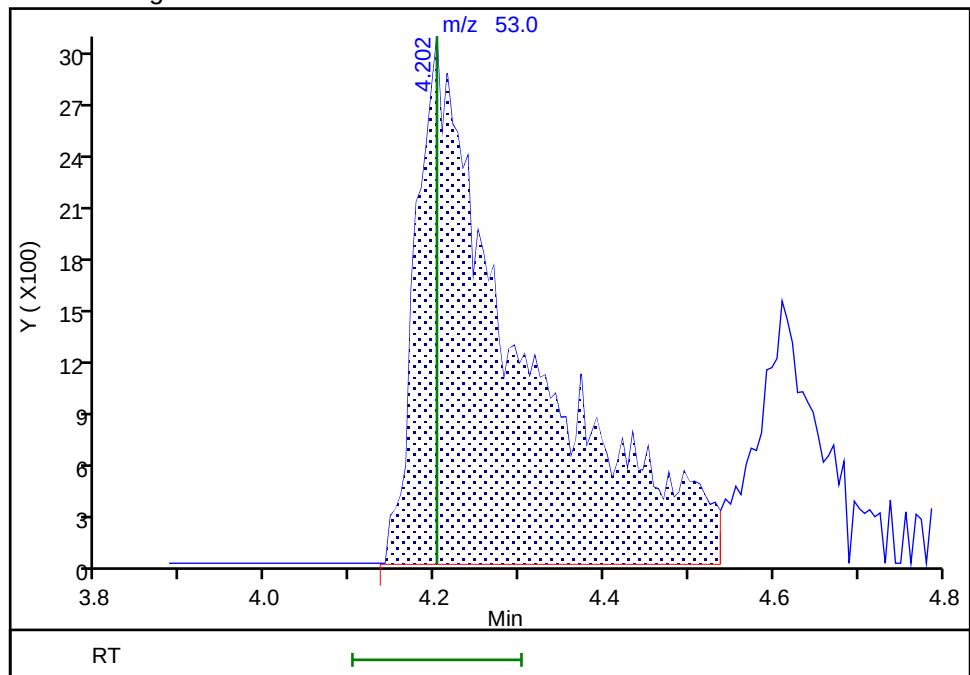
RT: 4.20
Area: 15059
Amount: 4.728833
Amount Units: ug/l

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

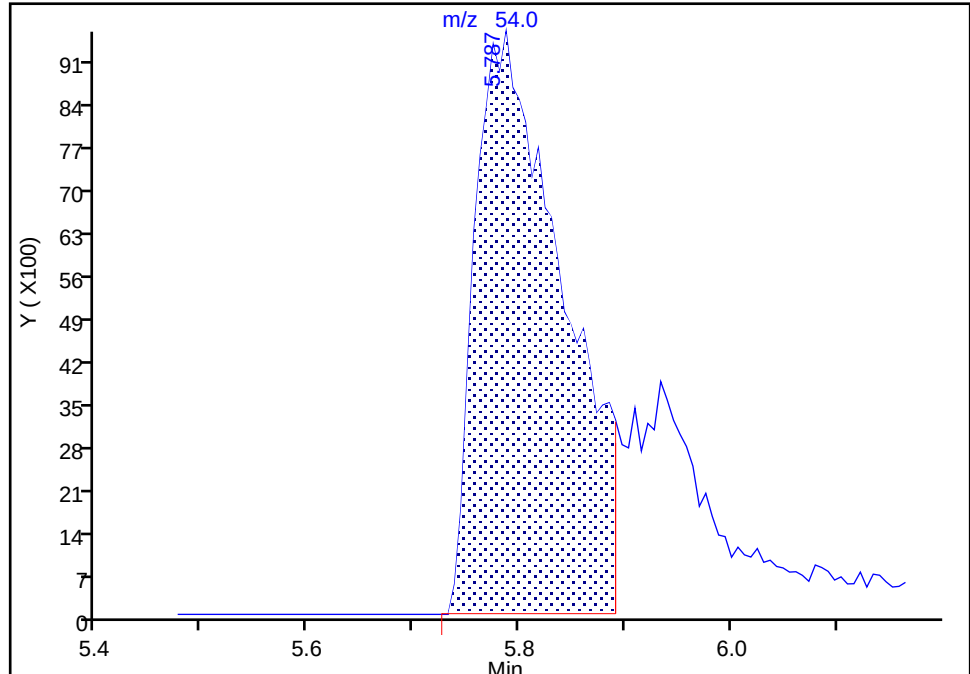
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Injection Date: 27-Oct-2025 19:47:30 Instrument ID: 19094
Lims ID: IC std6 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

44 Propionitrile, CAS: 107-12-0

Signal: 1

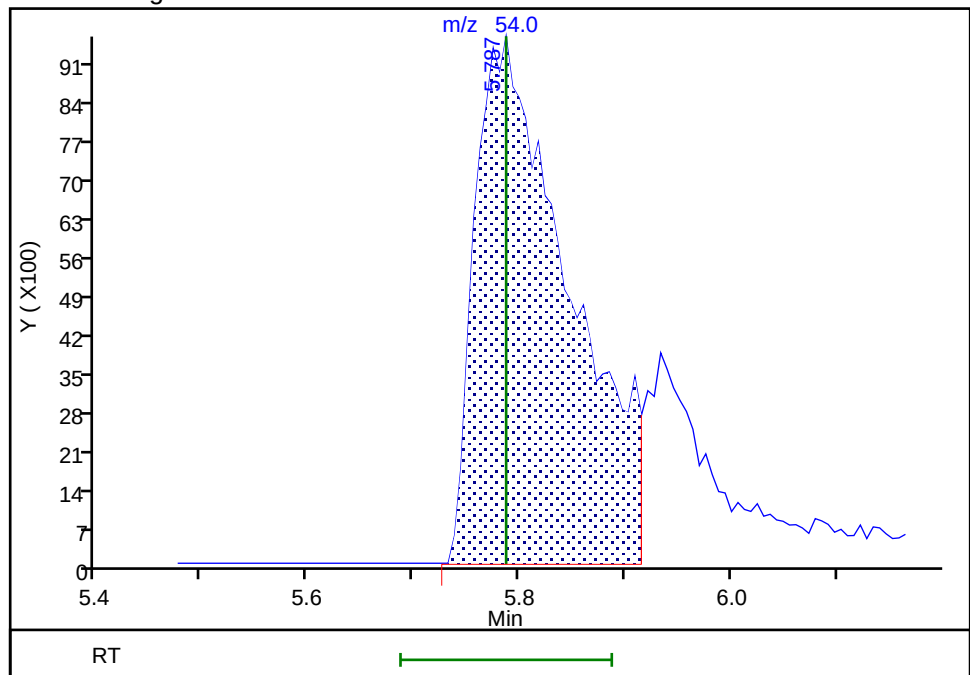
RT: 5.79
Area: 55230
Amount: 44.617571
Amount Units: ug/l

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

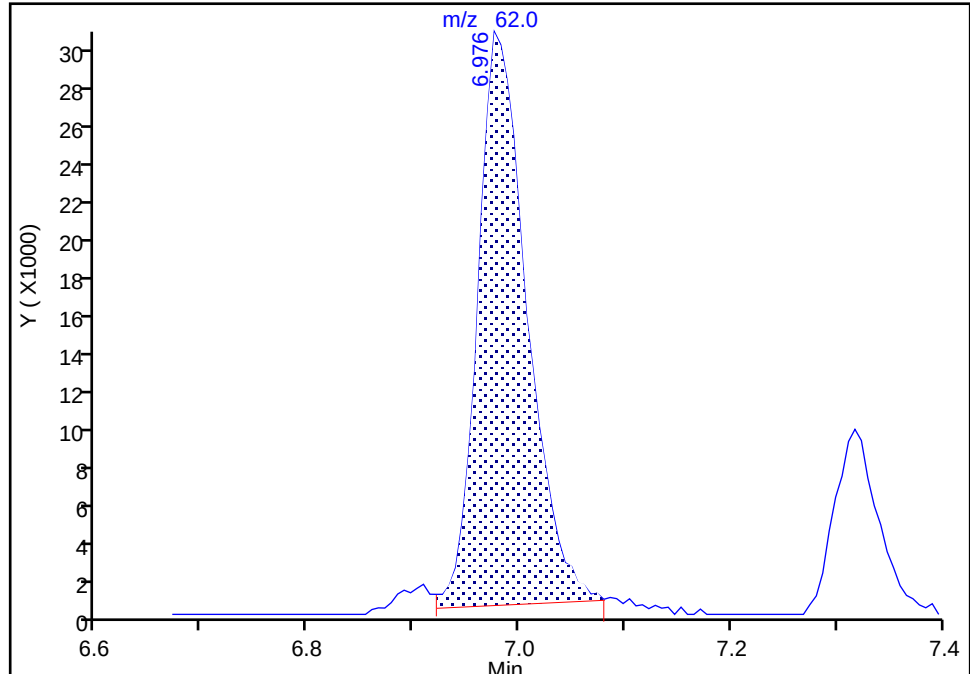
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Injection Date: 27-Oct-2025 19:47:30 Instrument ID: 19094
Lims ID: IC std6 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

60 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

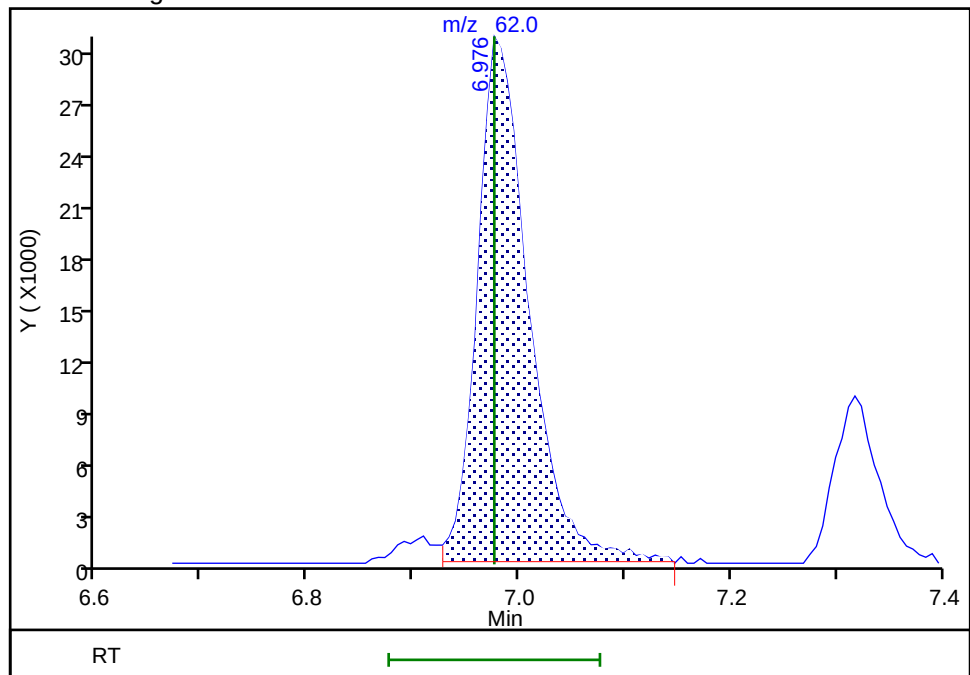
RT: 6.98
Area: 96342
Amount: 2.103521
Amount Units: ug/l

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

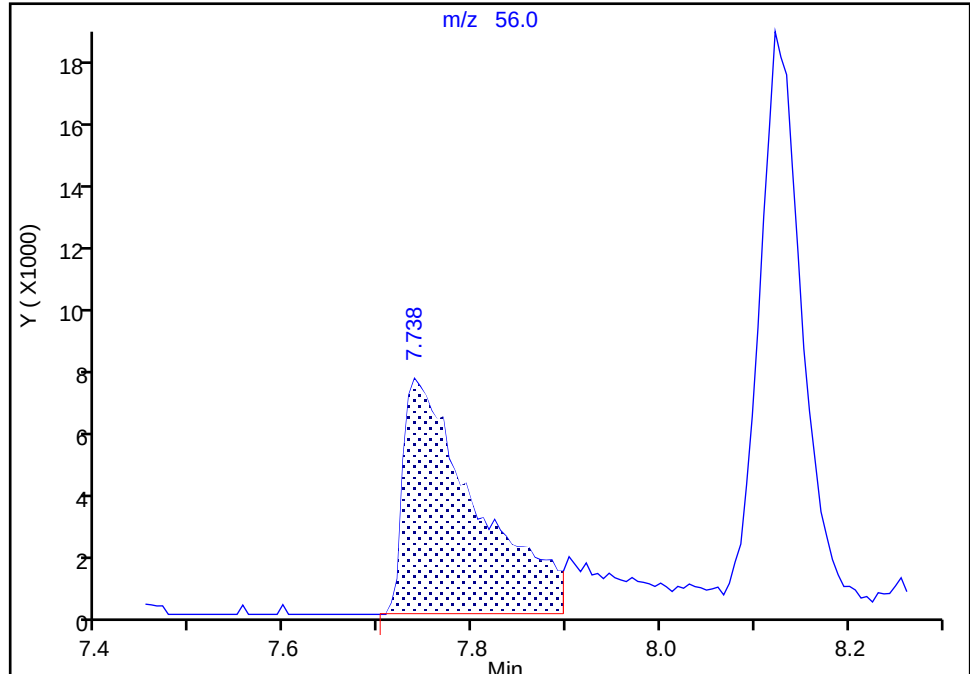
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Injection Date: 27-Oct-2025 19:47:30 Instrument ID: 19094
Lims ID: IC std6 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

66 n-Butanol, CAS: 71-36-3

Signal: 1

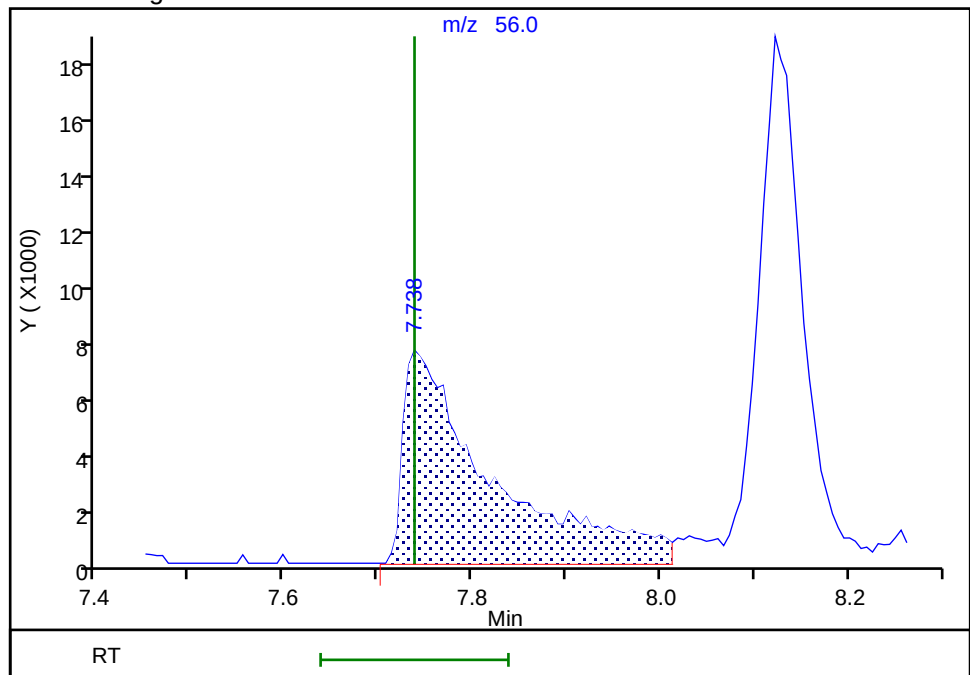
RT: 7.74
Area: 40955
Amount: 181.9170
Amount Units: ug/l

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

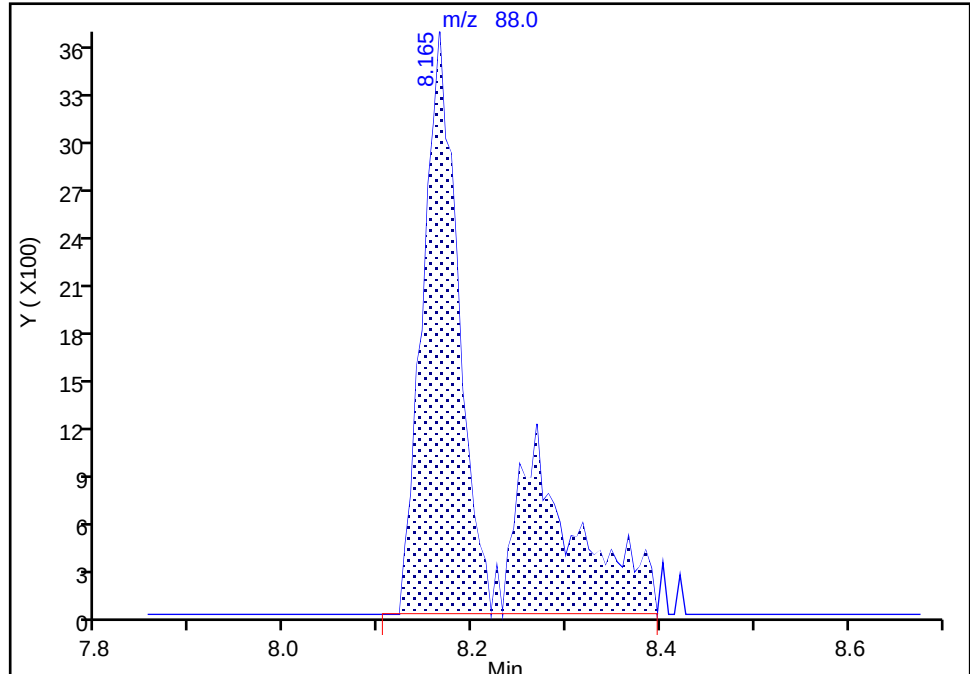
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Injection Date: 27-Oct-2025 19:47:30 Instrument ID: 19094
Lims ID: IC std6 2
Client ID:
Operator ID: ecr105096 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

73 1,4-Dioxane, CAS: 123-91-1

Signal: 1

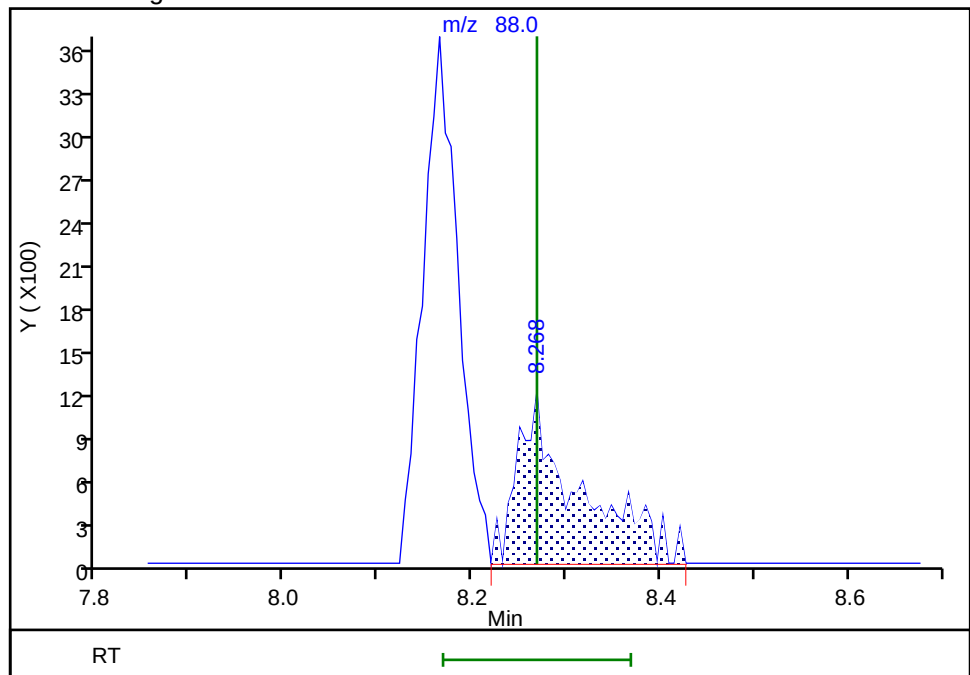
RT: 8.16
Area: 14757
Amount: 276.4226
Amount Units: ug/l

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

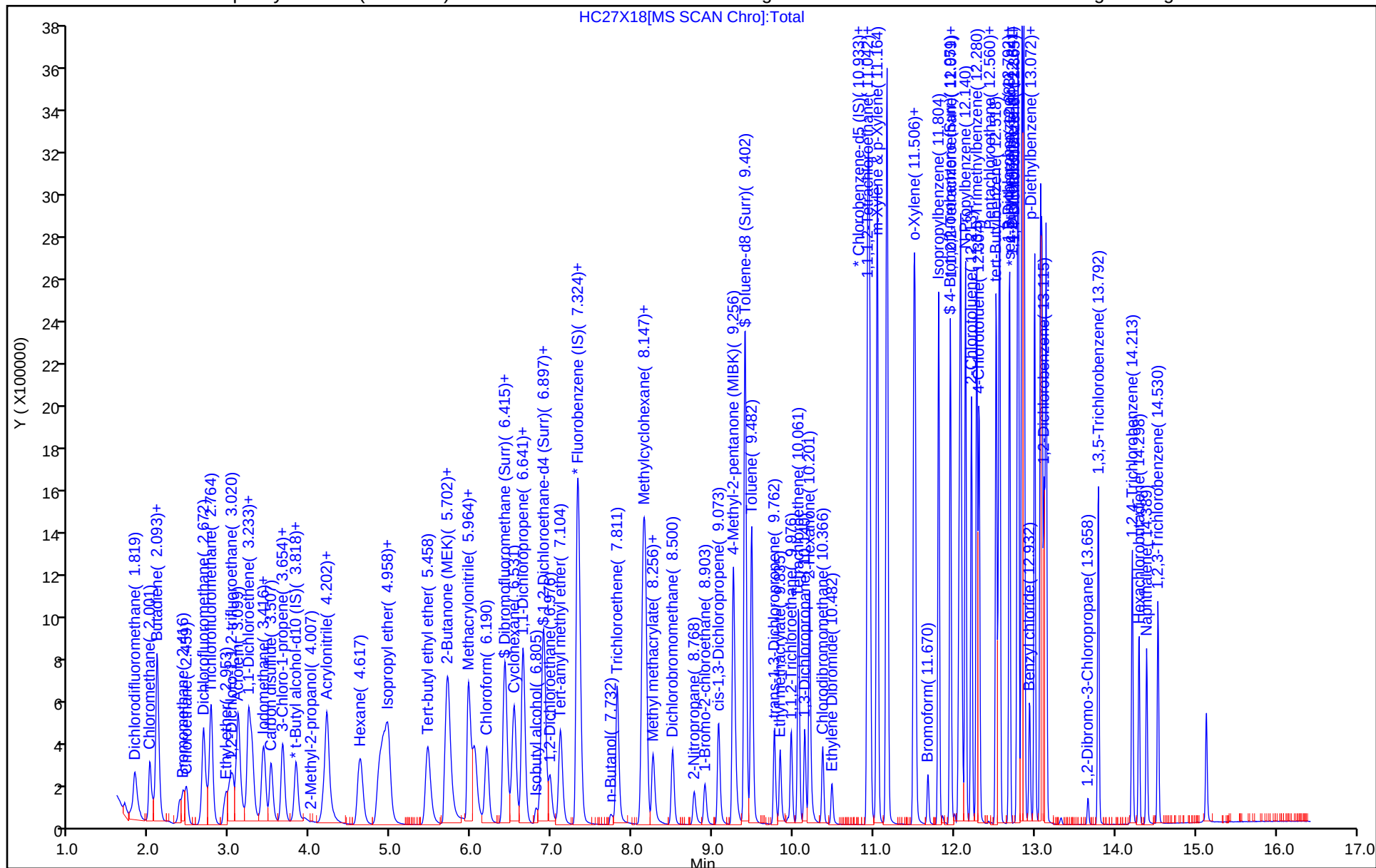
ALS Bottle#: 18

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

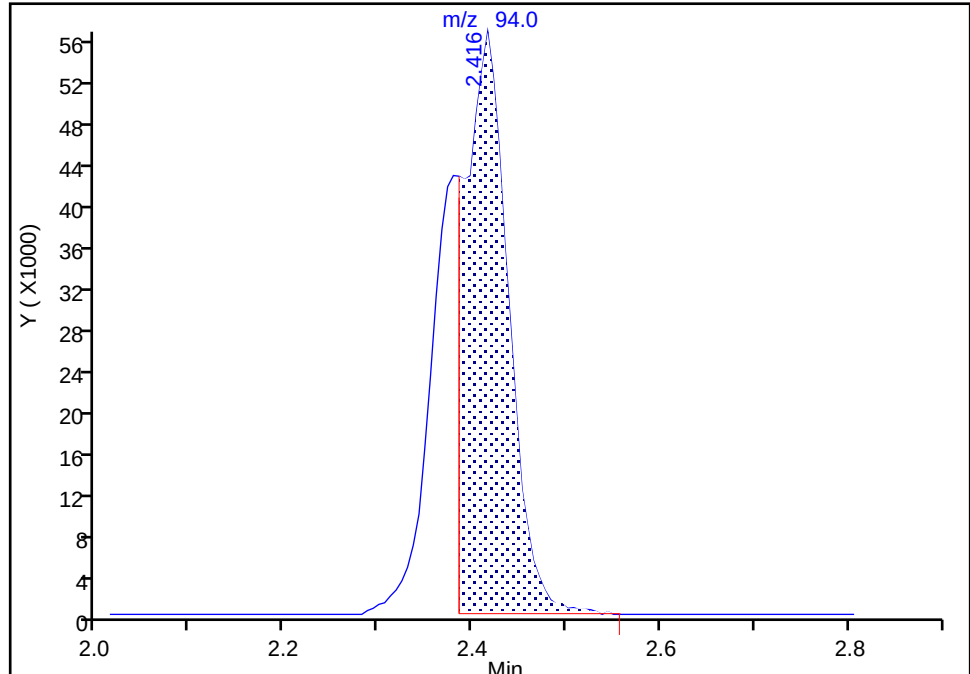
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Injection Date: 27-Oct-2025 20:07:30 Instrument ID: 19094
Lims ID: IC std7 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

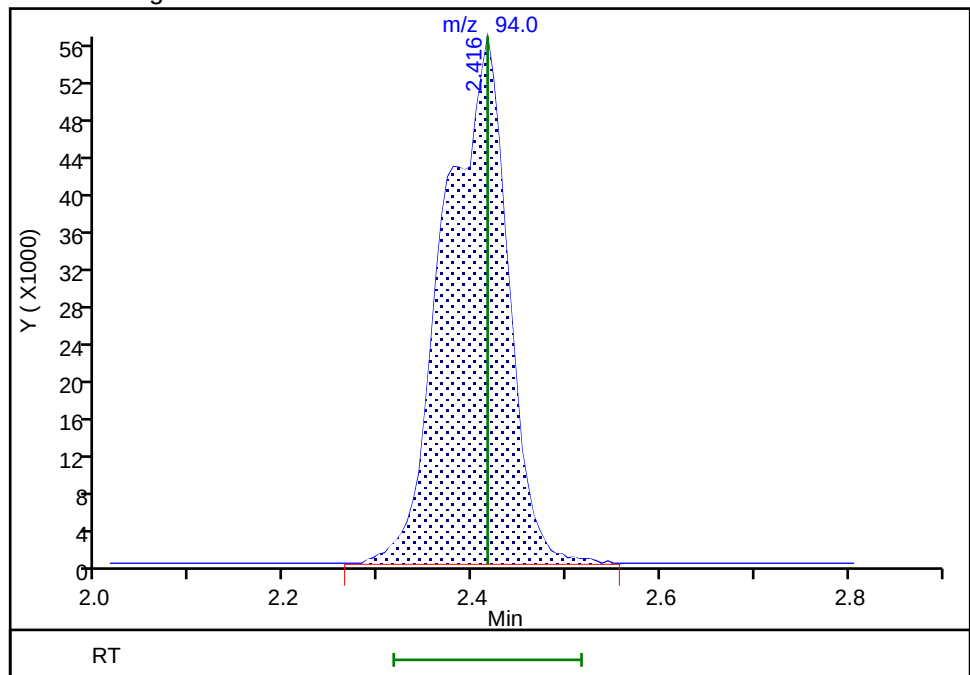
RT: 2.42
Area: 183360
Amount: 4.108722
Amount Units: ug/l

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

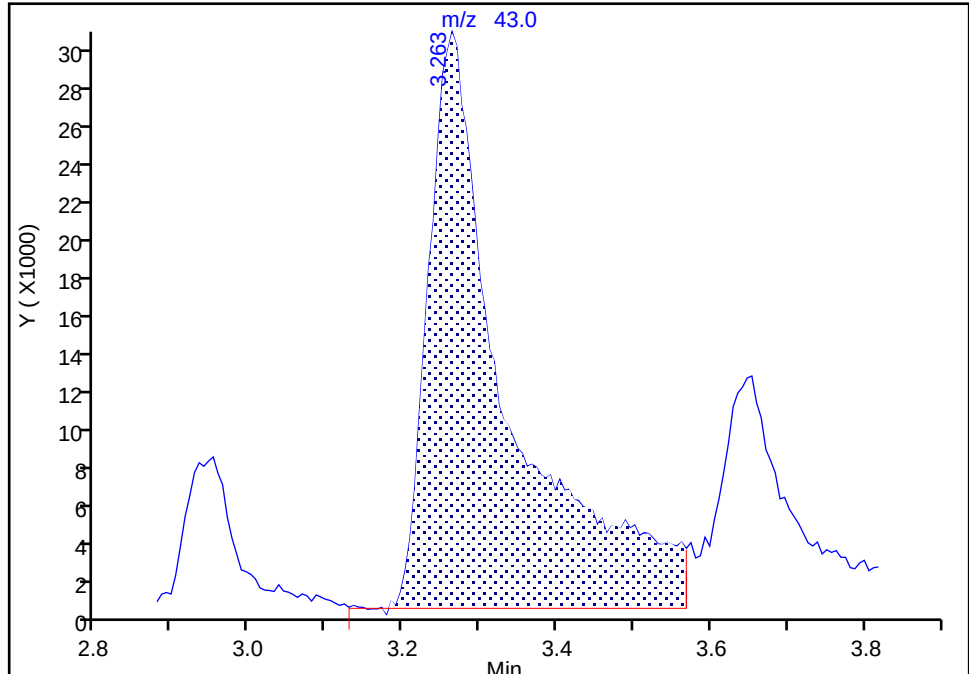
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Injection Date: 27-Oct-2025 20:07:30 Instrument ID: 19094
Lims ID: IC std7 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

19 Acetone, CAS: 67-64-1

Signal: 1

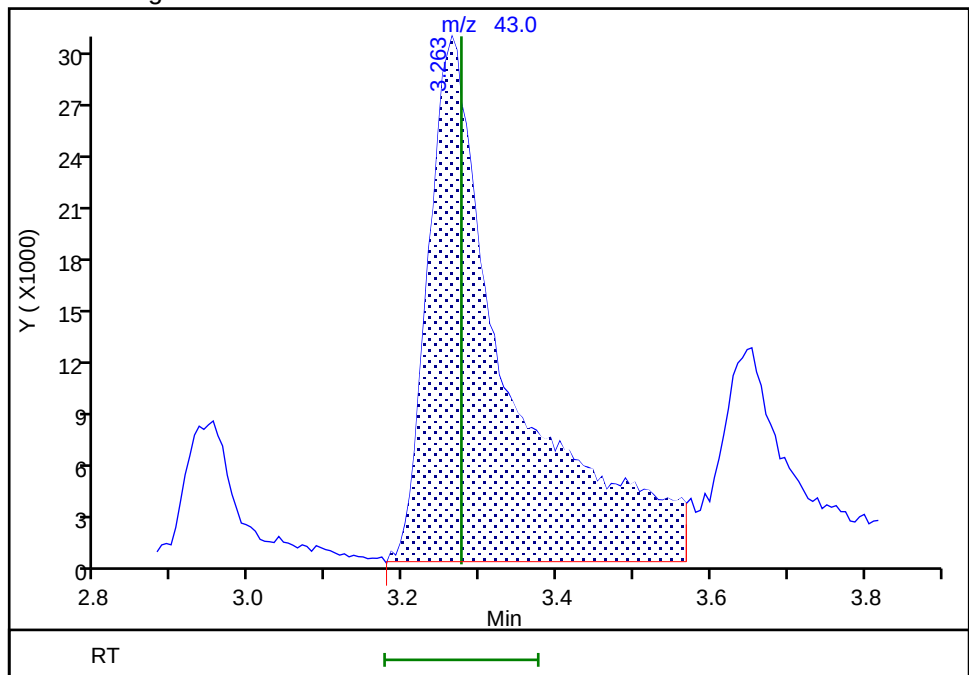
RT: 3.26
Area: 215227
Amount: 43.797266
Amount Units: ug/l

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

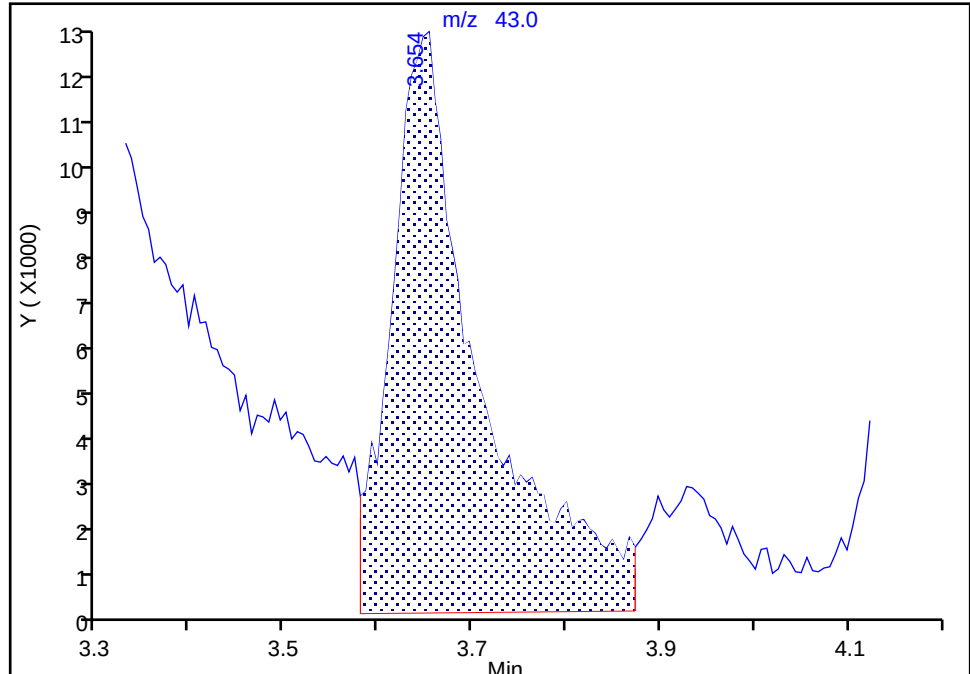
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Injection Date: 27-Oct-2025 20:07:30 Instrument ID: 19094
Lims ID: IC std7 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

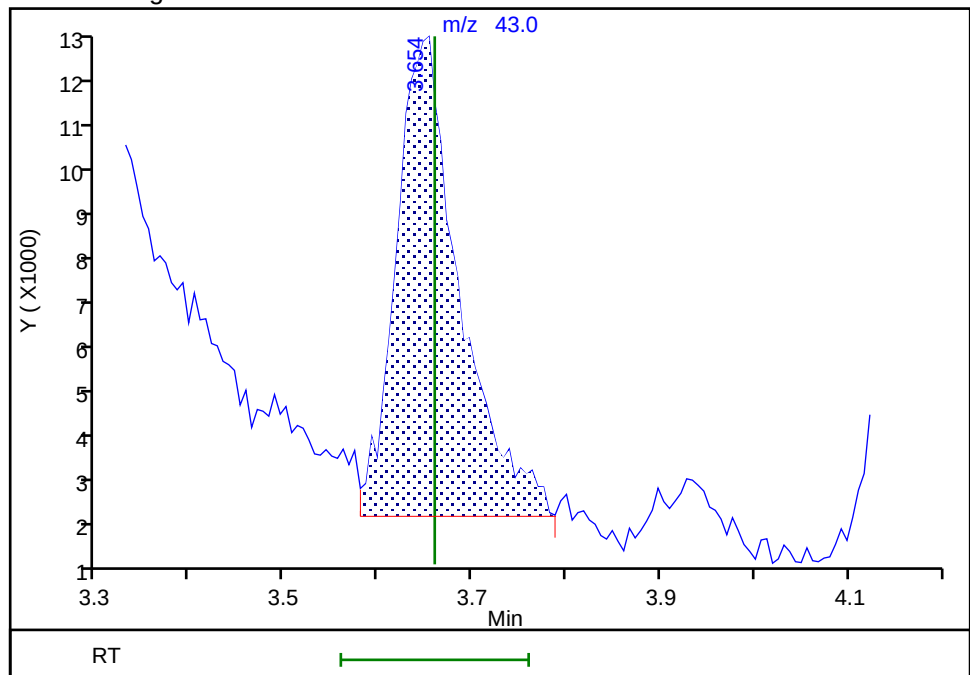
RT: 3.65
Area: 77985
Amount: 5.738130
Amount Units: ug/l

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

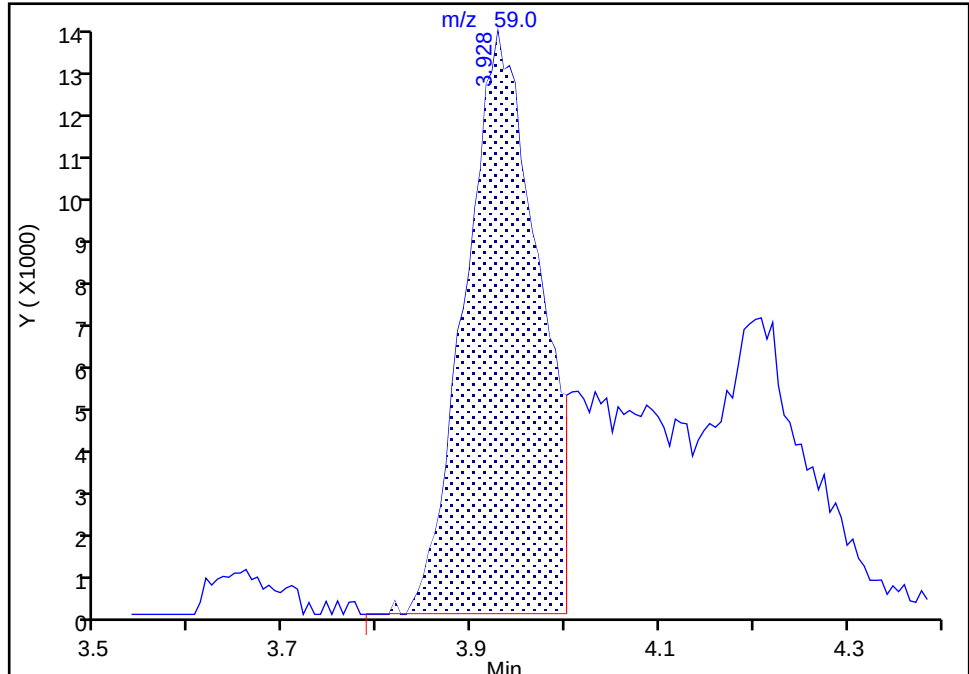
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Injection Date: 27-Oct-2025 20:07:30 Instrument ID: 19094
Lims ID: IC std7 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

29 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

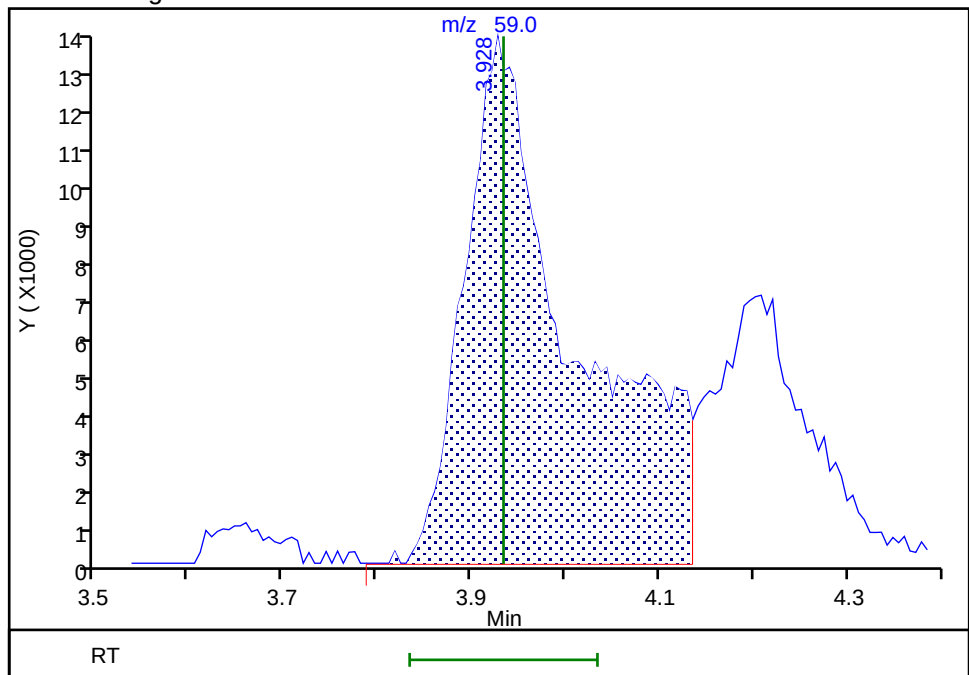
RT: 3.93
Area: 71731
Amount: 76.013509
Amount Units: ug/l

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

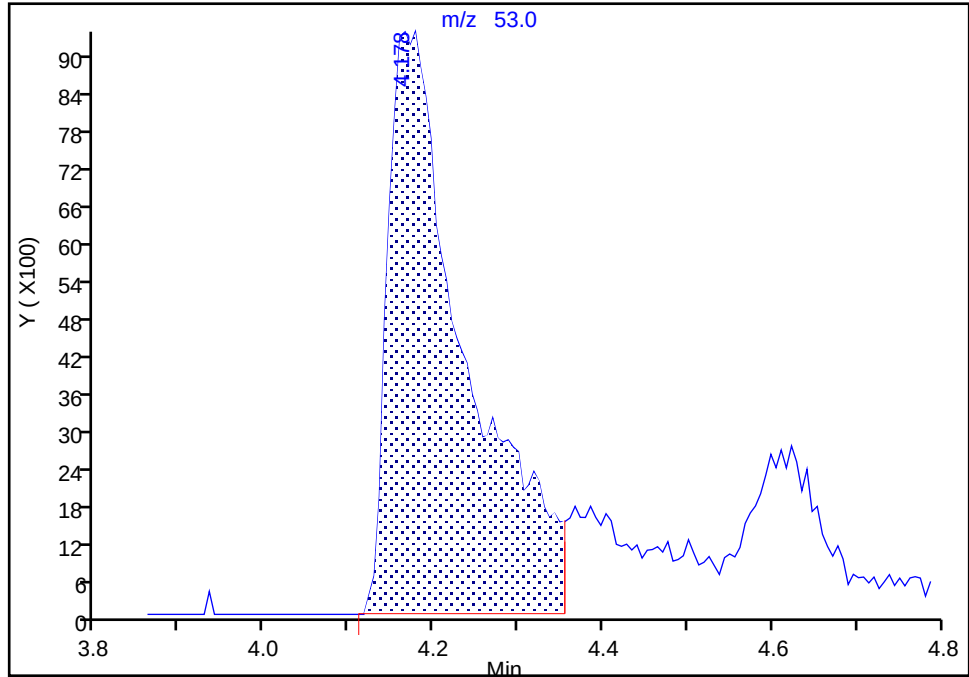
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Injection Date: 27-Oct-2025 20:07:30 Instrument ID: 19094
Lims ID: IC std7 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

30 Acrylonitrile, CAS: 107-13-1

Signal: 1

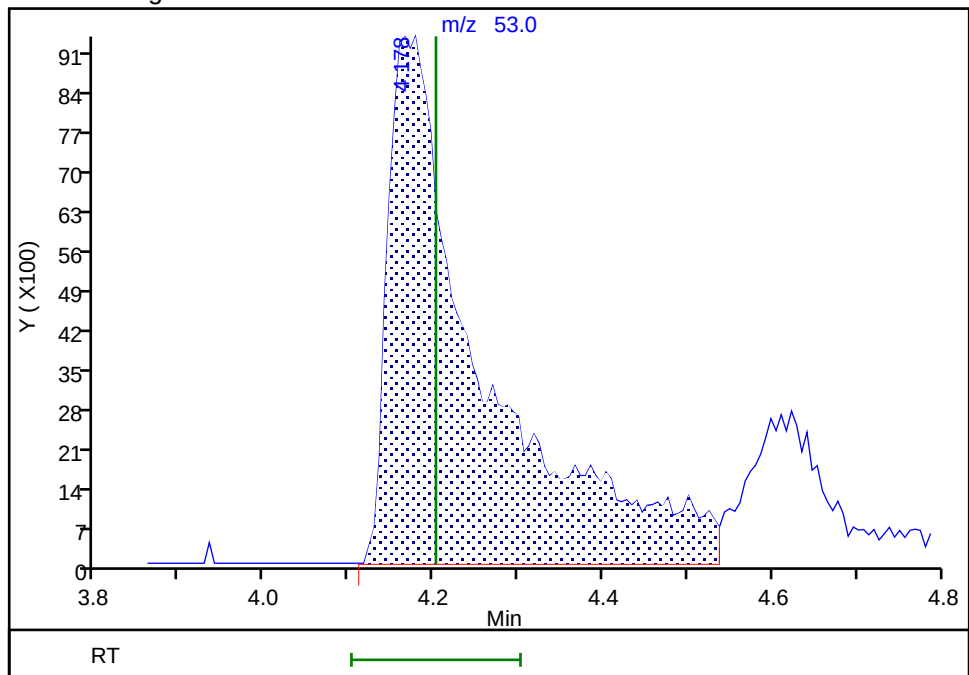
RT: 4.18
Area: 60195
Amount: 11.308625
Amount Units: ug/l

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

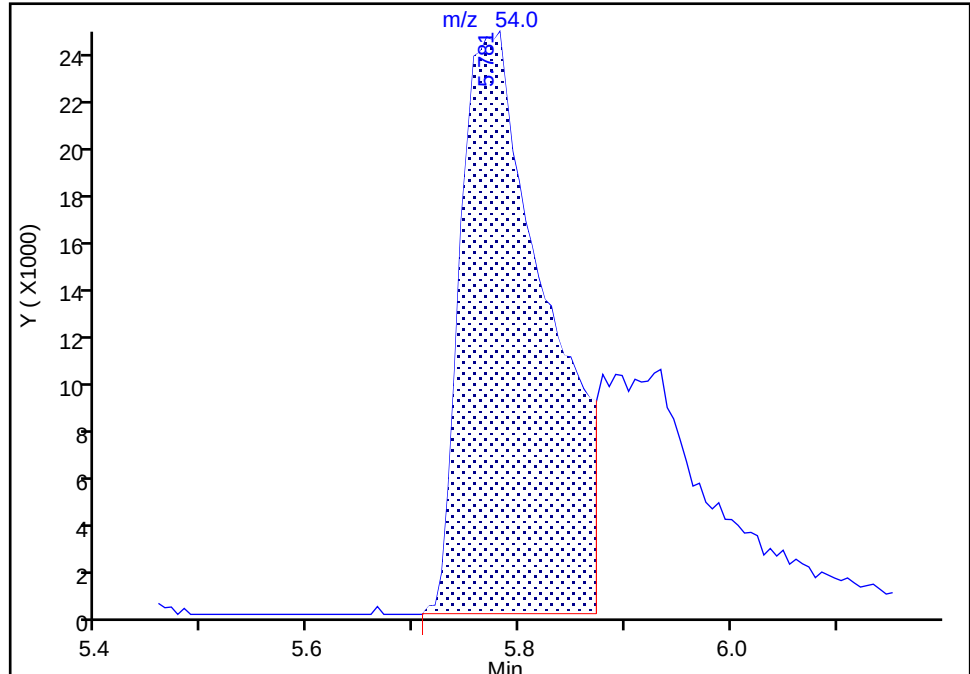
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Injection Date: 27-Oct-2025 20:07:30 Instrument ID: 19094
Lims ID: IC std7 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

44 Propionitrile, CAS: 107-12-0

Signal: 1

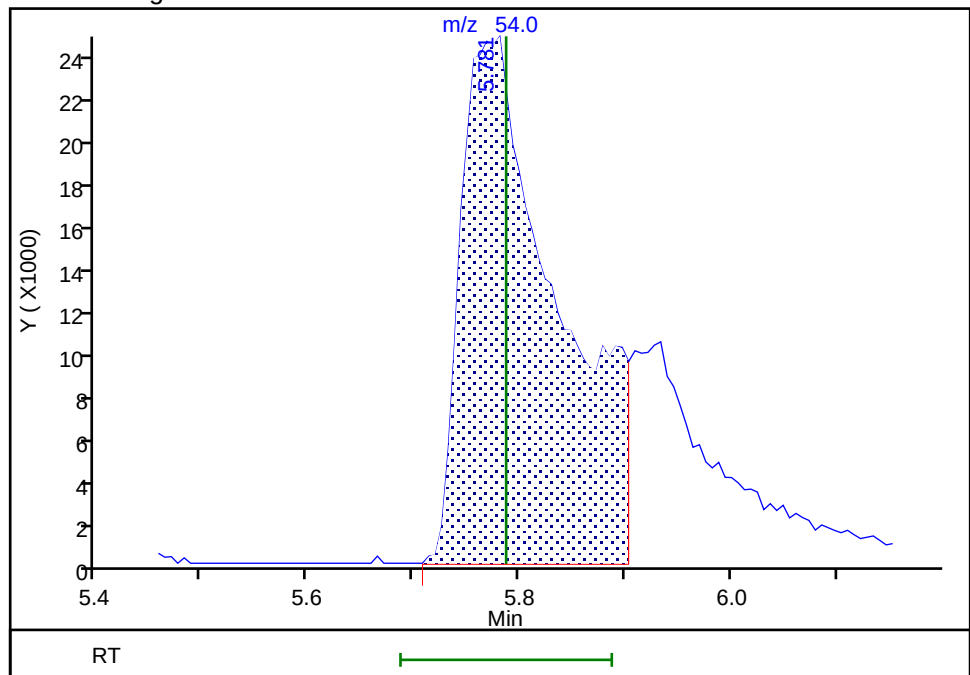
RT: 5.78
Area: 139423
Amount: 107.6952
Amount Units: ug/l

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

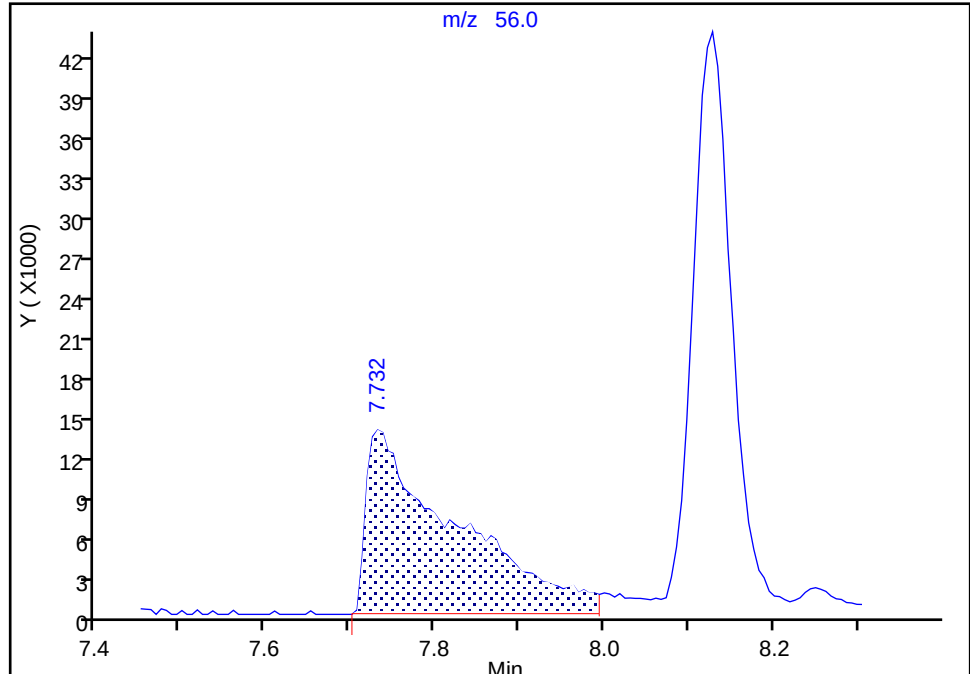
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Injection Date: 27-Oct-2025 20:07:30 Instrument ID: 19094
Lims ID: IC std7 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

66 n-Butanol, CAS: 71-36-3

Signal: 1

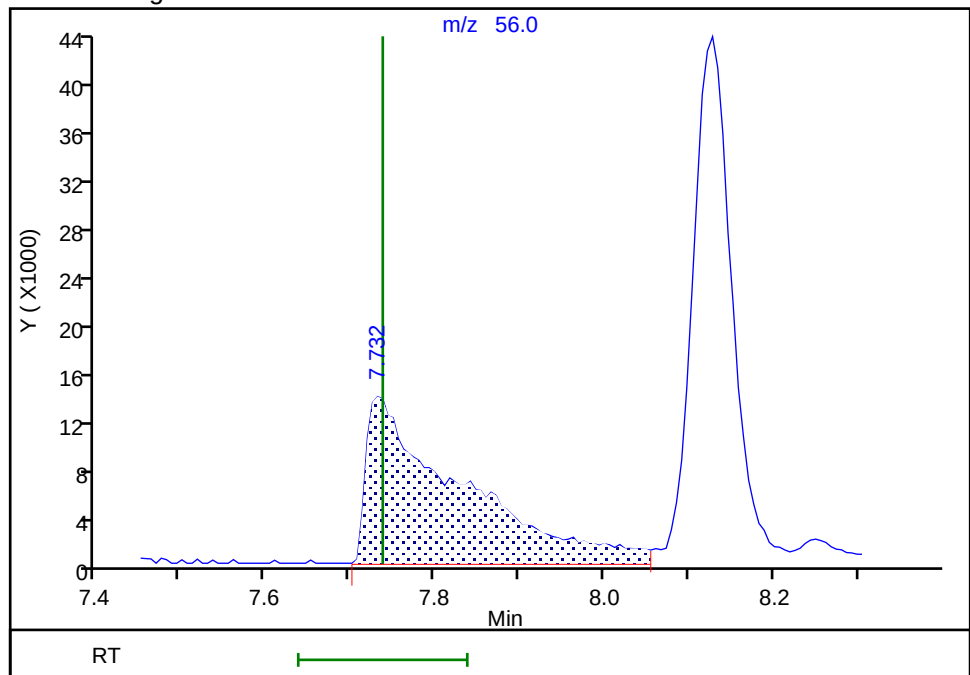
RT: 7.73
Area: 102353
Amount: 356.6288
Amount Units: ug/l

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

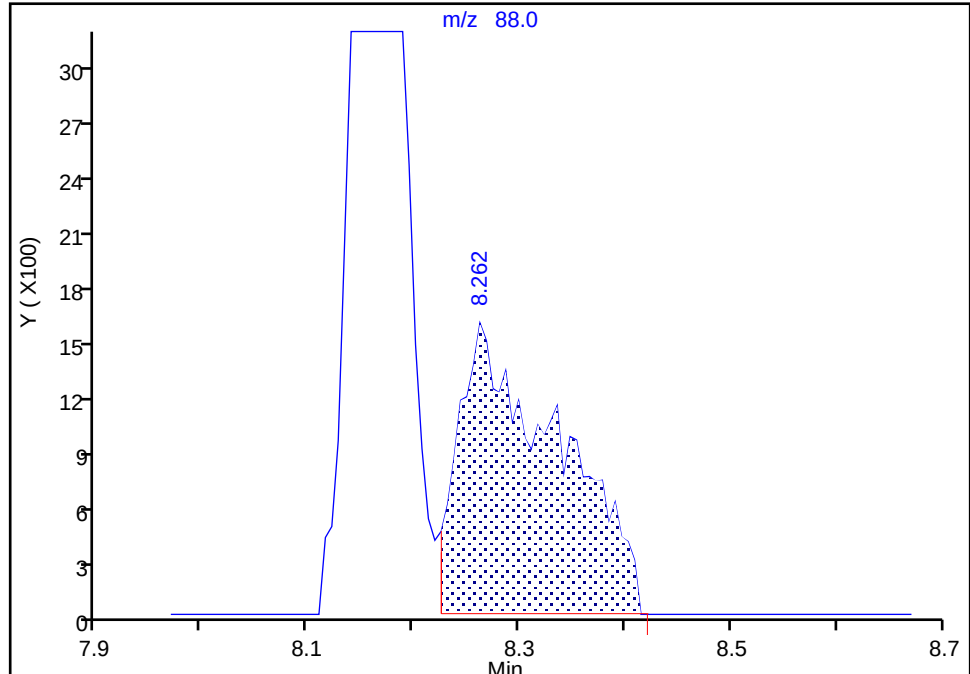
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Injection Date: 27-Oct-2025 20:07:30 Instrument ID: 19094
Lims ID: IC std7 5
Client ID:
Operator ID: ecr105096 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

73 1,4-Dioxane, CAS: 123-91-1

Signal: 1

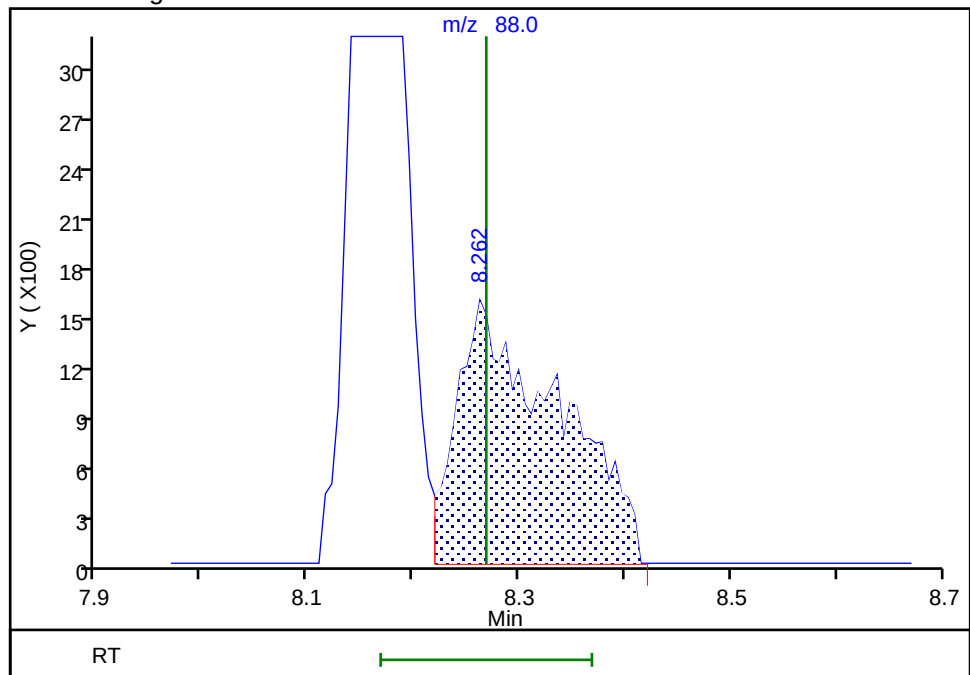
RT: 8.26
Area: 10426
Amount: 229.0516
Amount Units: ug/l

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

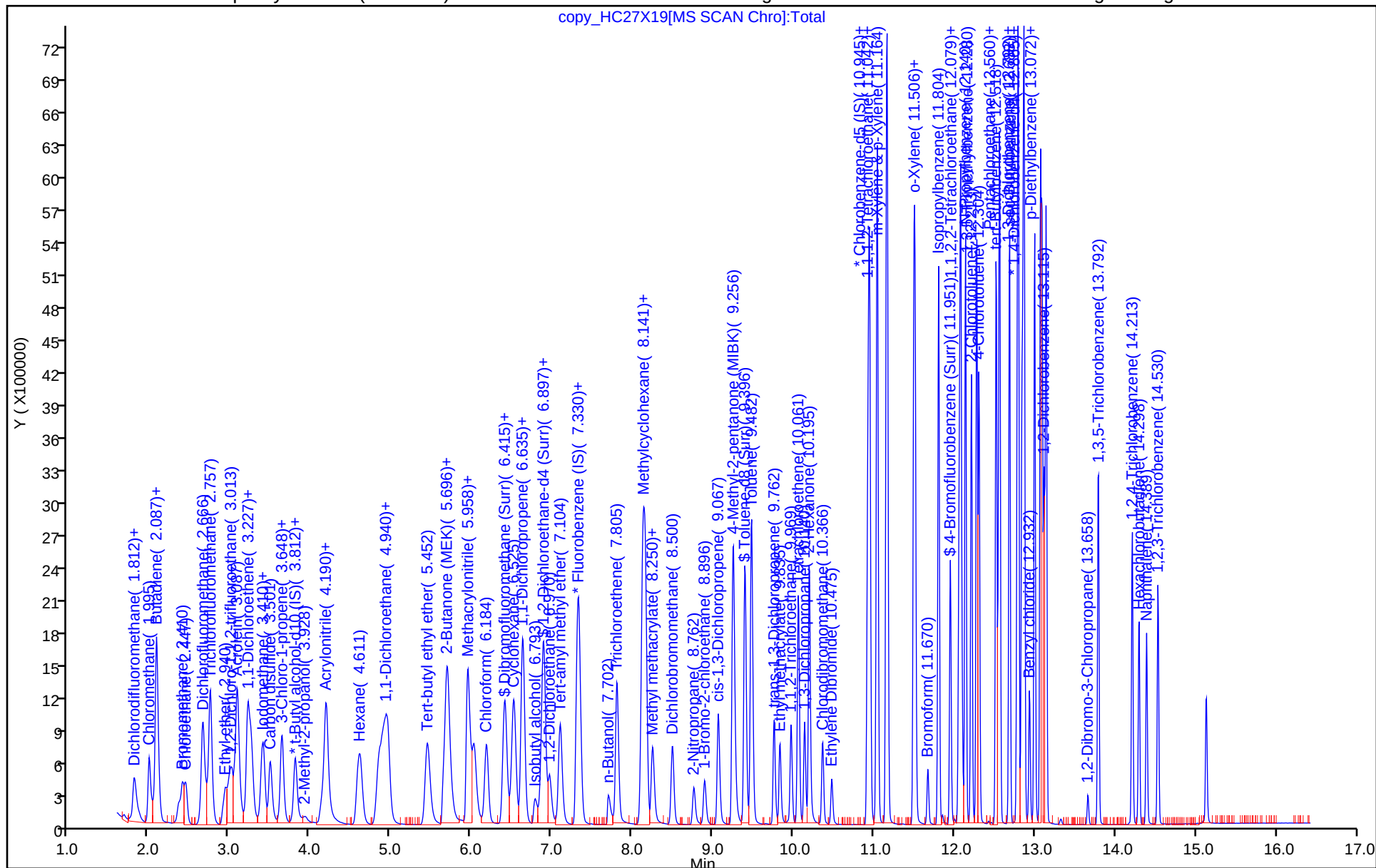
ALS Bottle#: 19

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

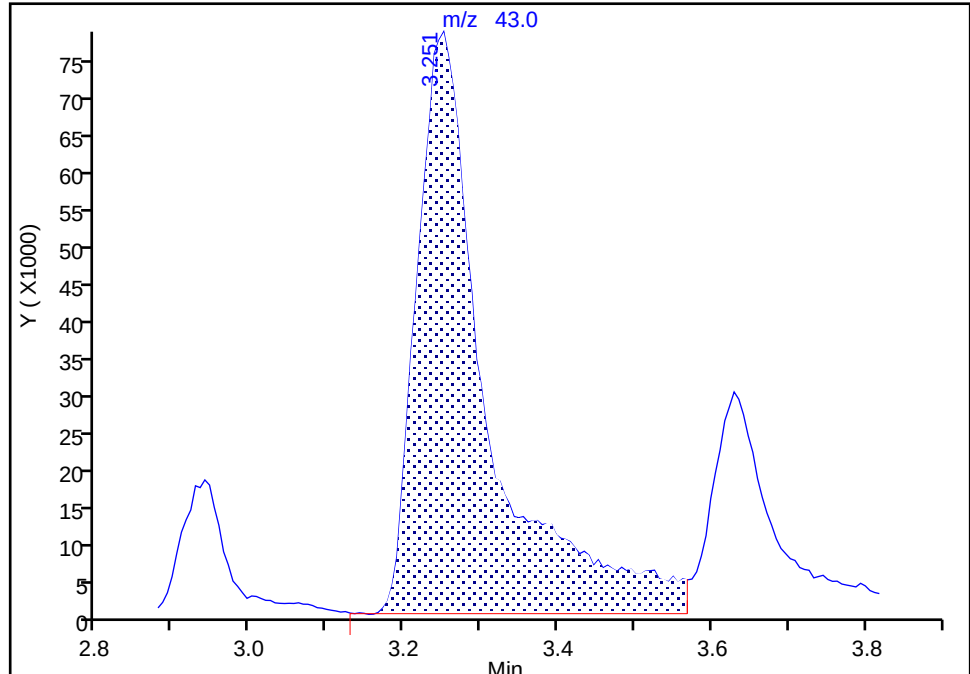
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Injection Date: 27-Oct-2025 20:28:30 Instrument ID: 19094
Lims ID: ICIS 10
Client ID:
Operator ID: ecr105096 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

19 Acetone, CAS: 67-64-1

Signal: 1

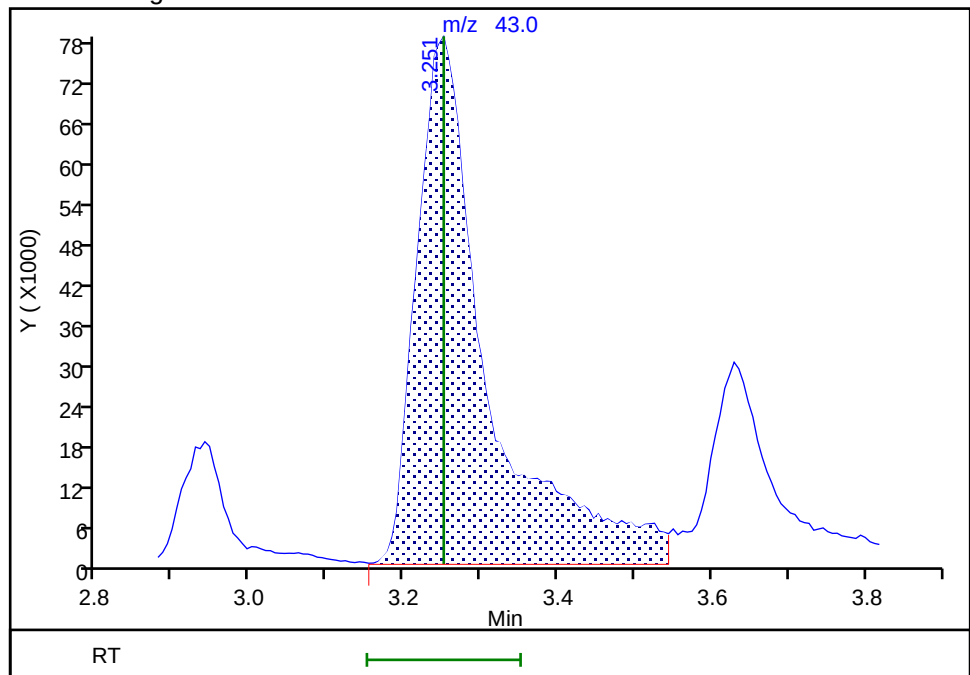
RT: 3.25
Area: 498926
Amount: 82.809338
Amount Units: ug/l

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

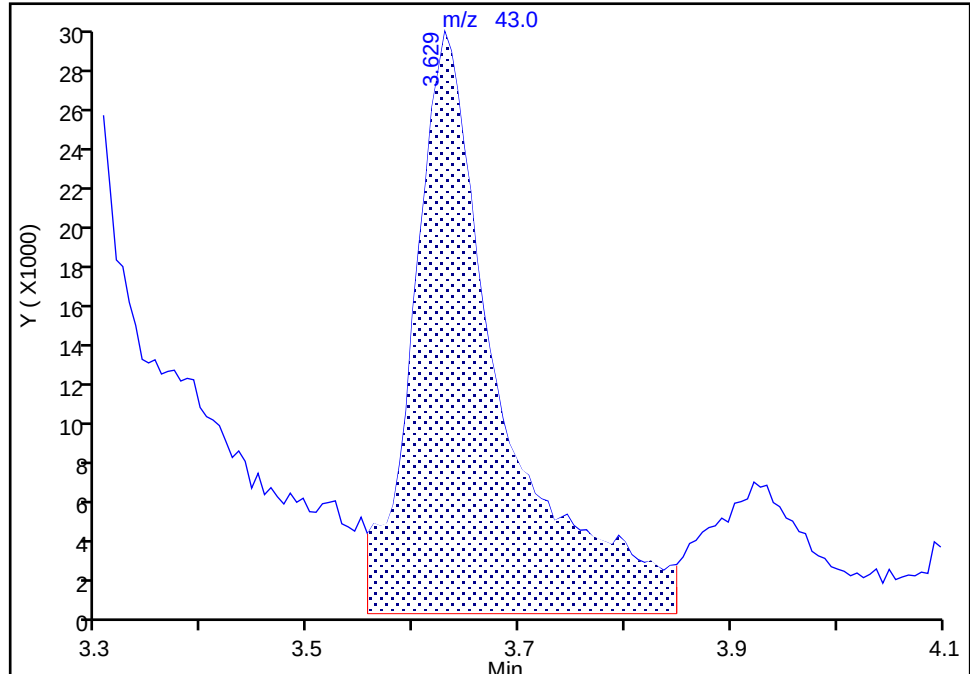
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Injection Date: 27-Oct-2025 20:28:30 Instrument ID: 19094
Lims ID: ICIS 10
Client ID:
Operator ID: ecr105096 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

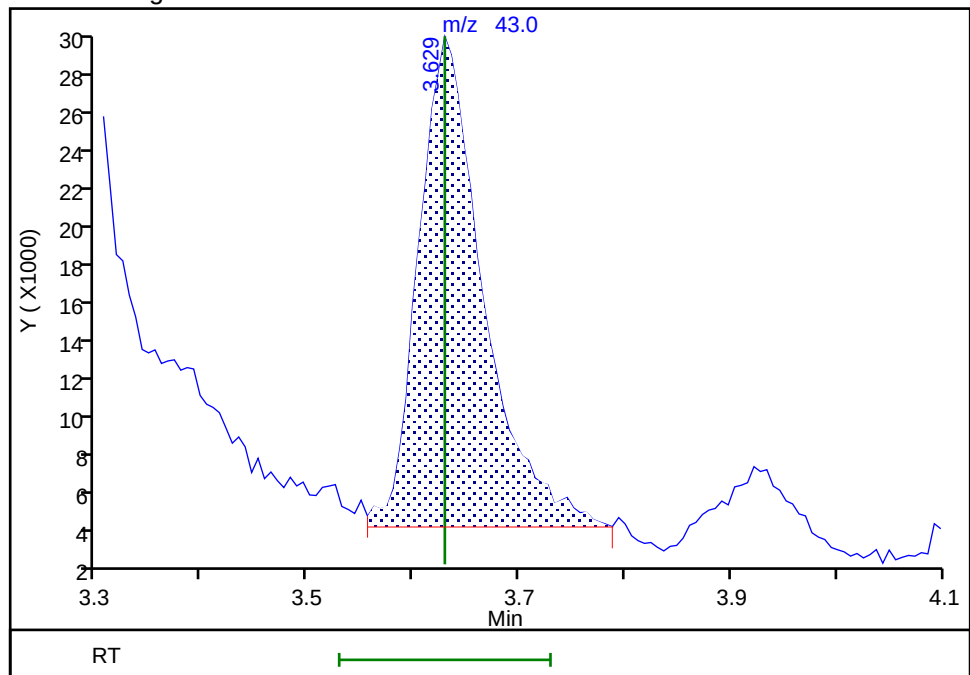
RT: 3.63
Area: 170831
Amount: 15.090063
Amount Units: ug/l

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

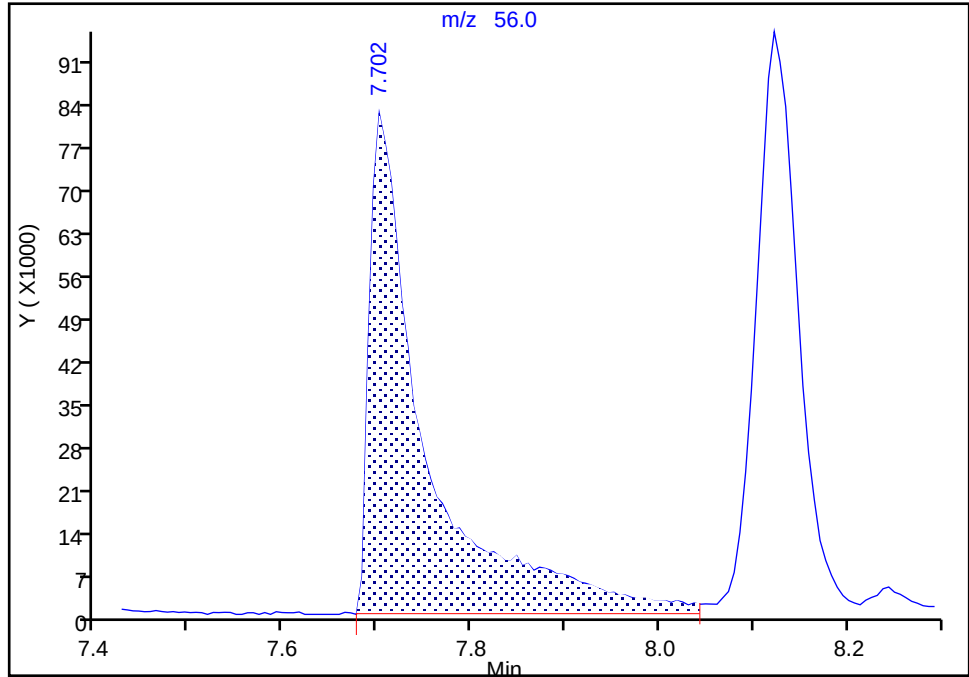
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Injection Date: 27-Oct-2025 20:28:30 Instrument ID: 19094
Lims ID: ICIS 10
Client ID:
Operator ID: ecr105096 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

66 n-Butanol, CAS: 71-36-3

Signal: 1

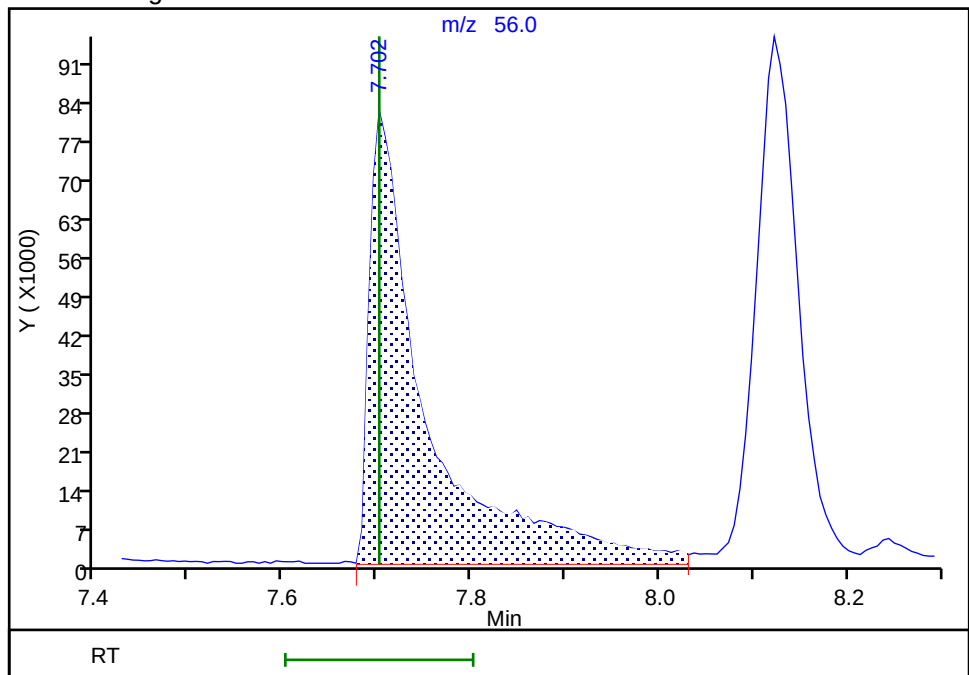
RT: 7.70
Area: 342769
Amount: 901.9433
Amount Units: ug/l

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

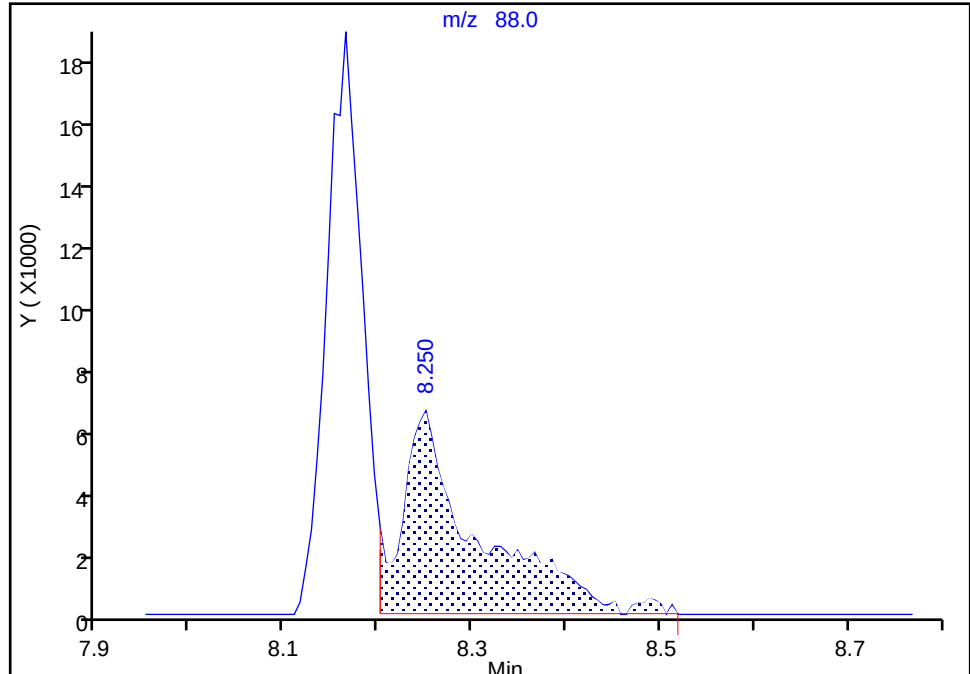
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Injection Date: 27-Oct-2025 20:28:30 Instrument ID: 19094
Lims ID: ICIS 10
Client ID:
Operator ID: ecr105096 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

73 1,4-Dioxane, CAS: 123-91-1

Signal: 1

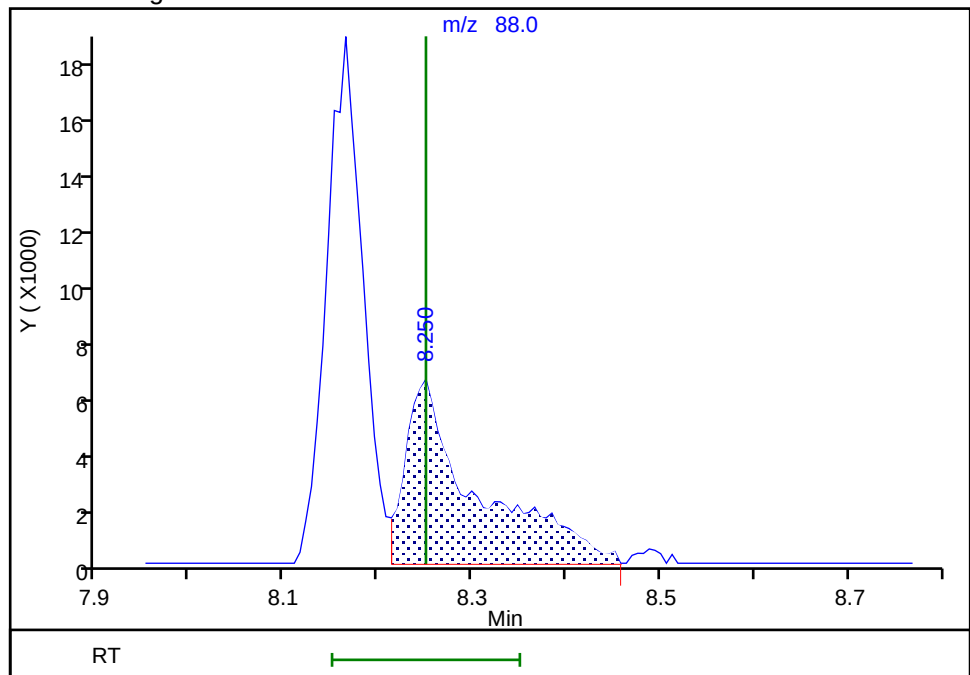
RT: 8.25
Area: 36237
Amount: 383.9232
Amount Units: ug/l

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

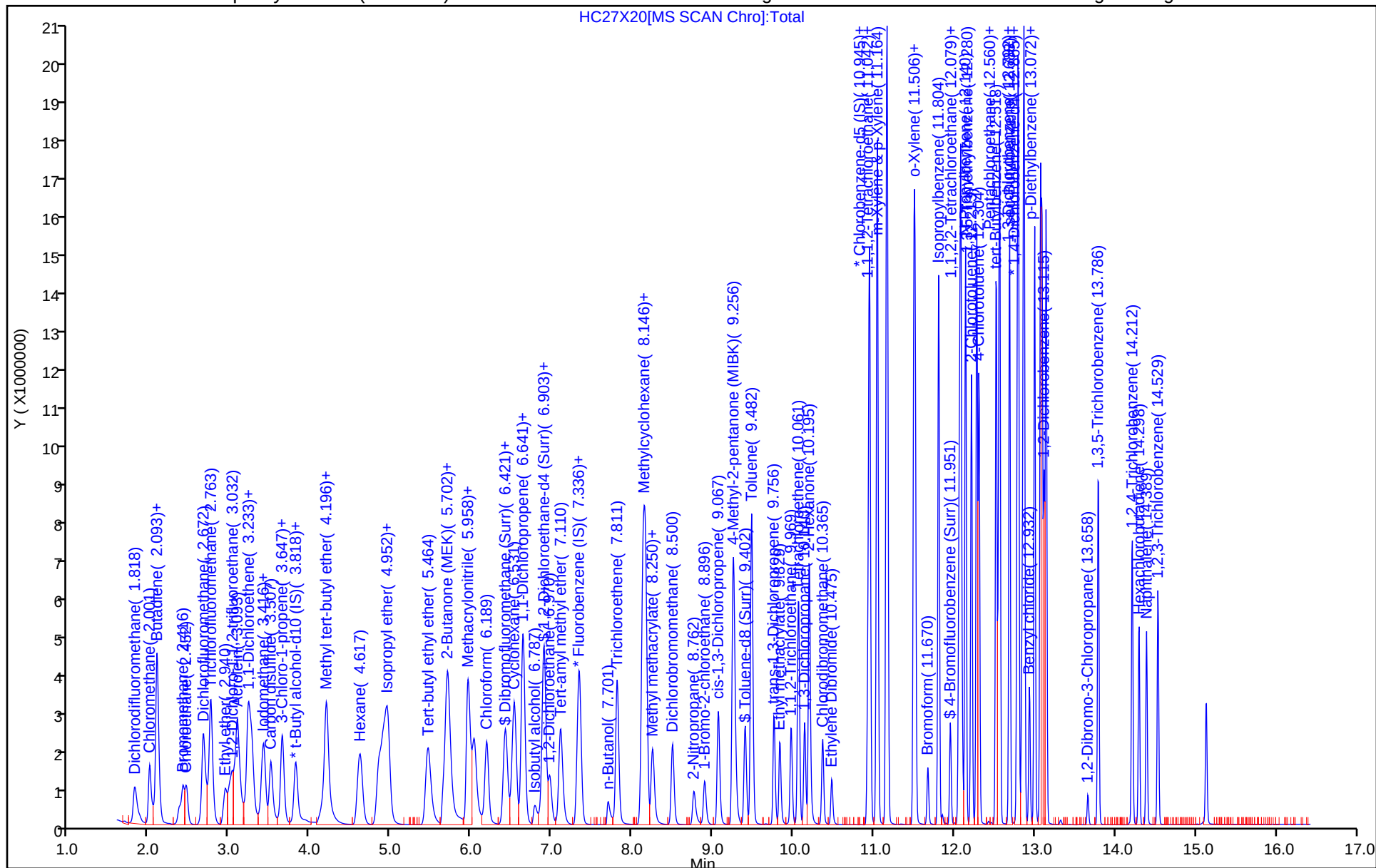
ALS Bottle#: 20

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

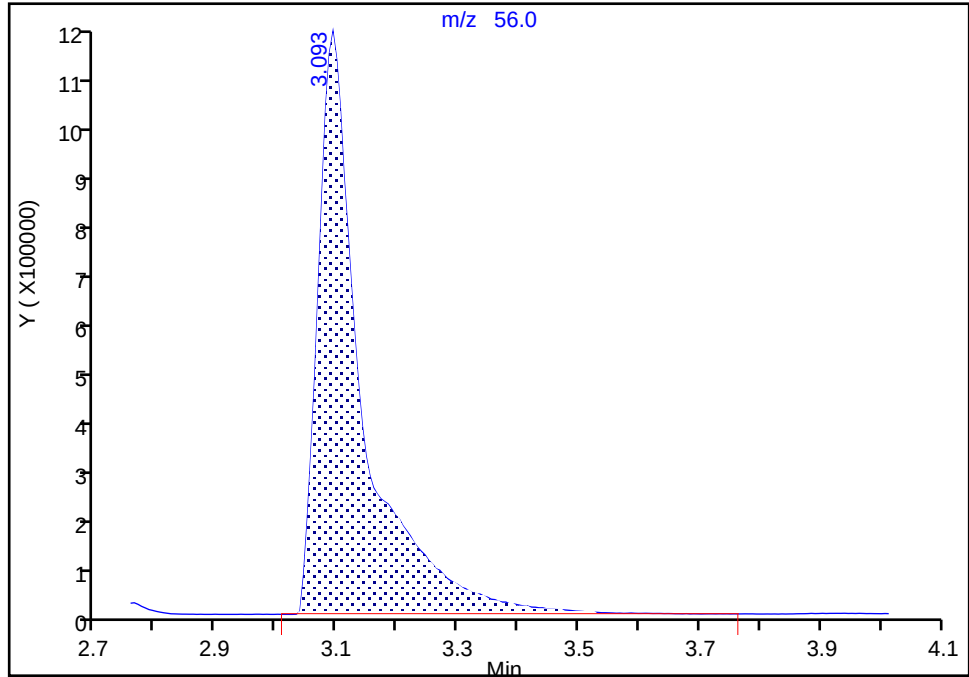
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Injection Date: 27-Oct-2025 20:50:30 Instrument ID: 19094
Lims ID: IC std9 25
Client ID:
Operator ID: ecr105096 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

16 Acrolein, CAS: 107-02-8

Signal: 1

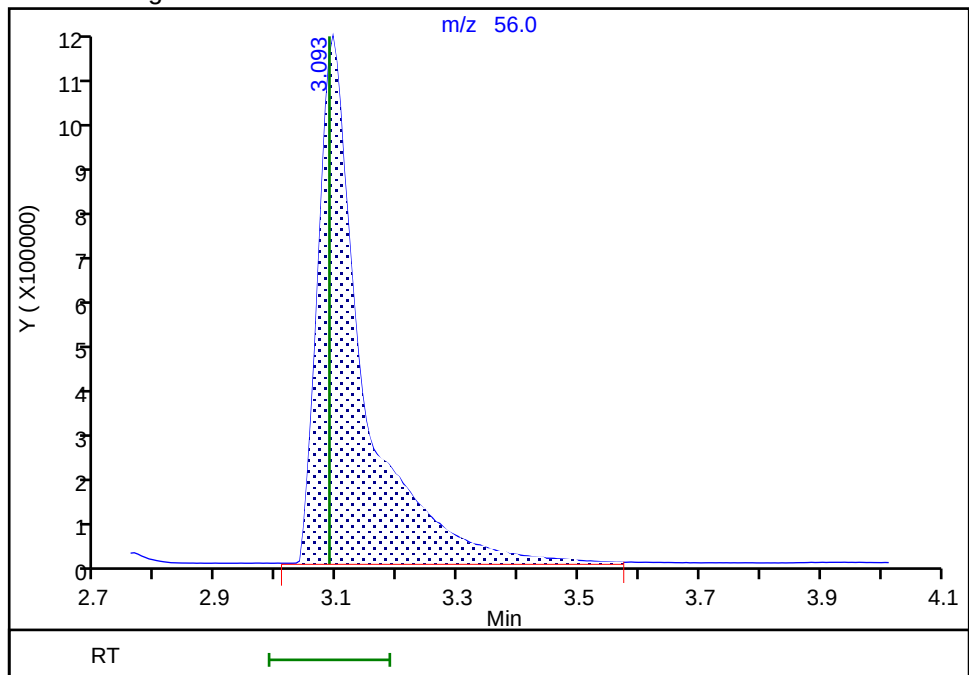
RT: 3.09
Area: 6133776
Amount: 1450.9382
Amount Units: ug/l

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

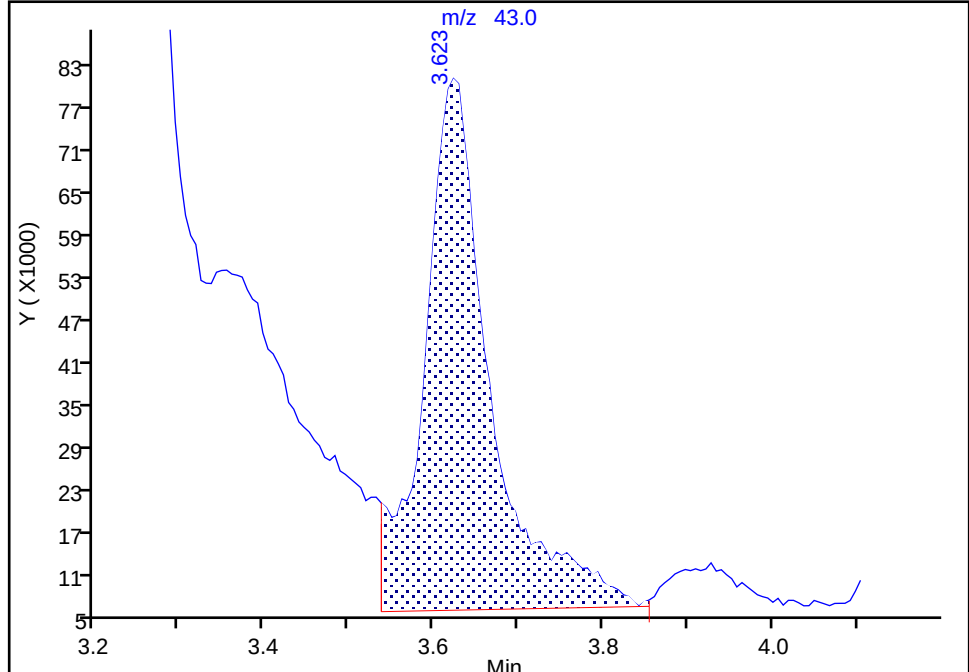
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Injection Date: 27-Oct-2025 20:50:30 Instrument ID: 19094
Lims ID: IC std9 25
Client ID:
Operator ID: ecr105096 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

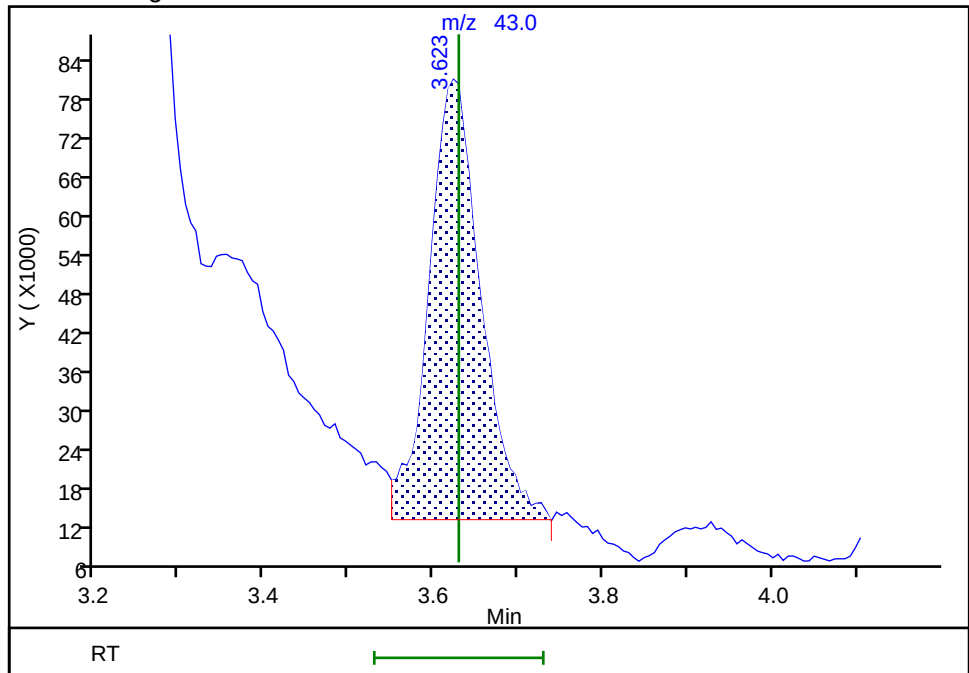
RT: 3.62
Area: 407914
Amount: 26.172952
Amount Units: ug/l

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

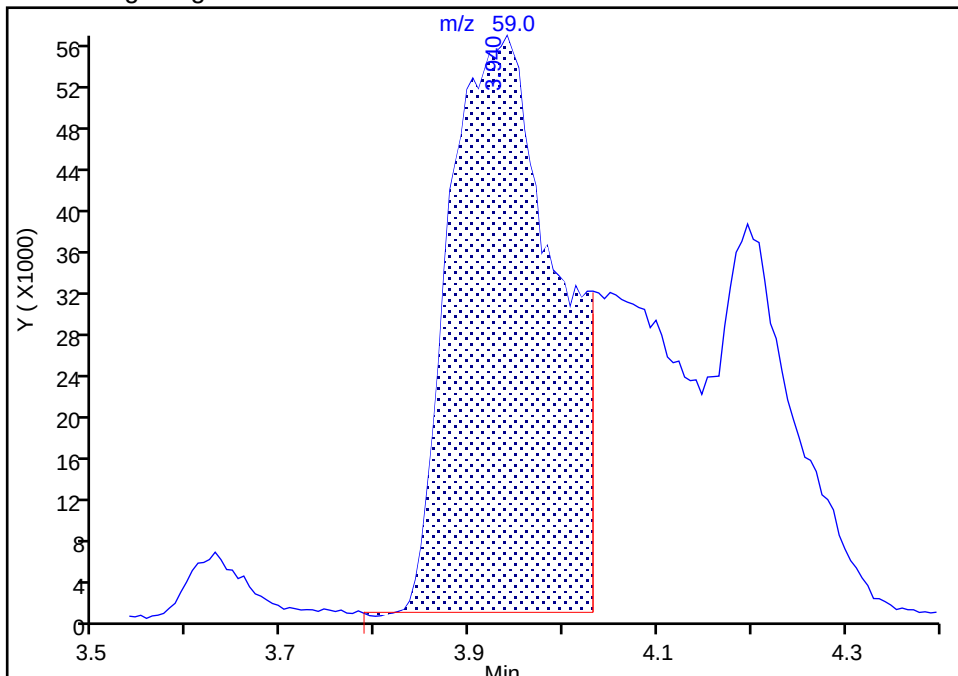
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Injection Date: 27-Oct-2025 20:50:30 Instrument ID: 19094
Lims ID: IC std9 25
Client ID:
Operator ID: ecr105096 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

29 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

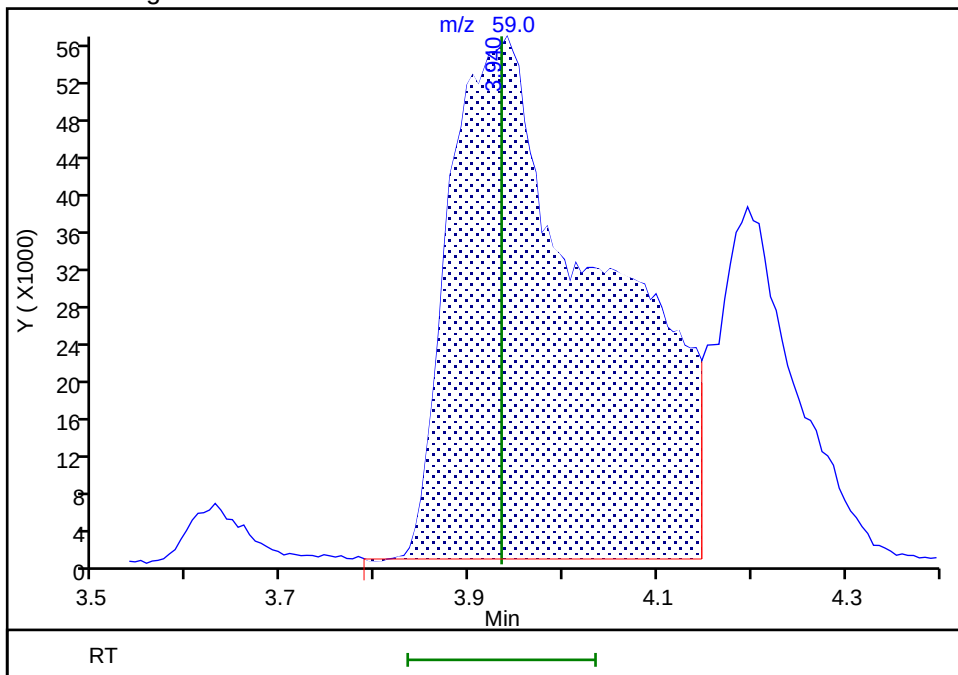
RT: 3.94
Area: 441949
Amount: 403.9429
Amount Units: ug/l

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

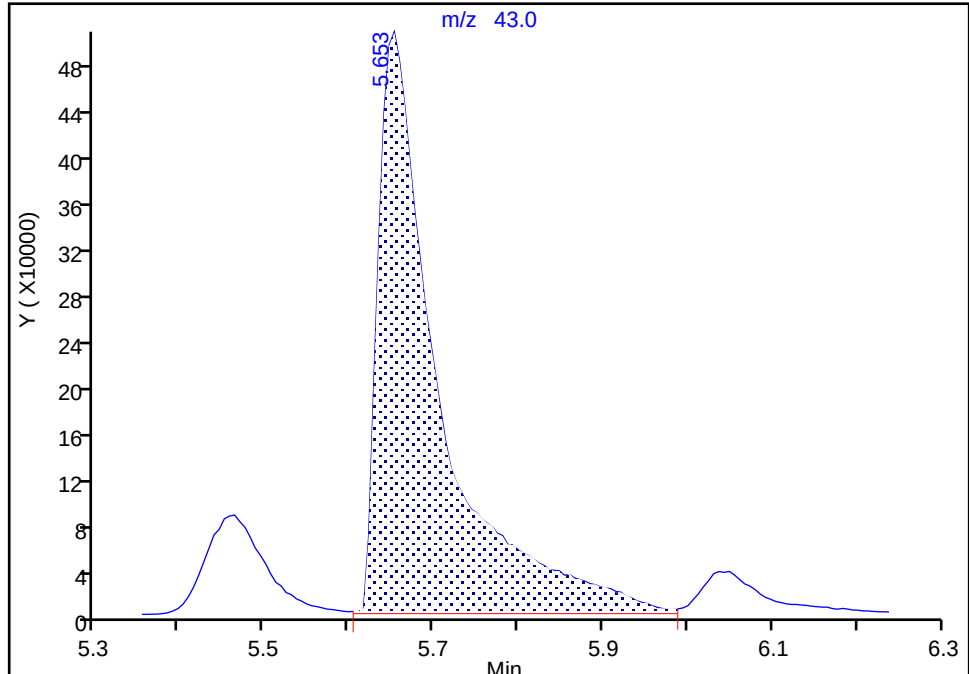
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Injection Date: 27-Oct-2025 20:50:30 Instrument ID: 19094
Lims ID: IC std9 25
Client ID:
Operator ID: ecr105096 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

41 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

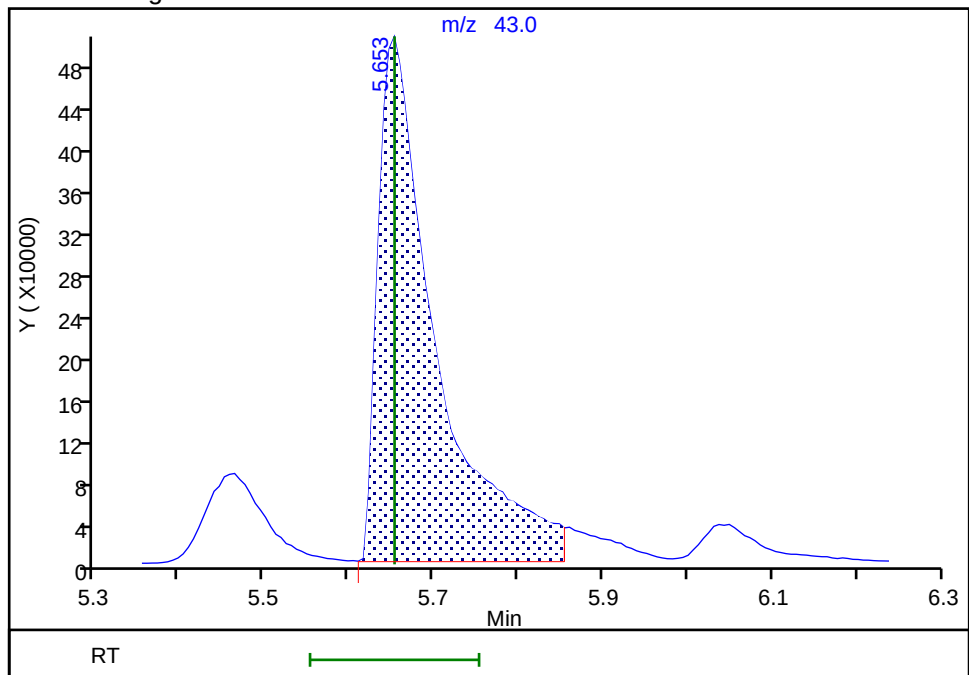
RT: 5.65
Area: 2519641
Amount: 339.4775
Amount Units: ug/l

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

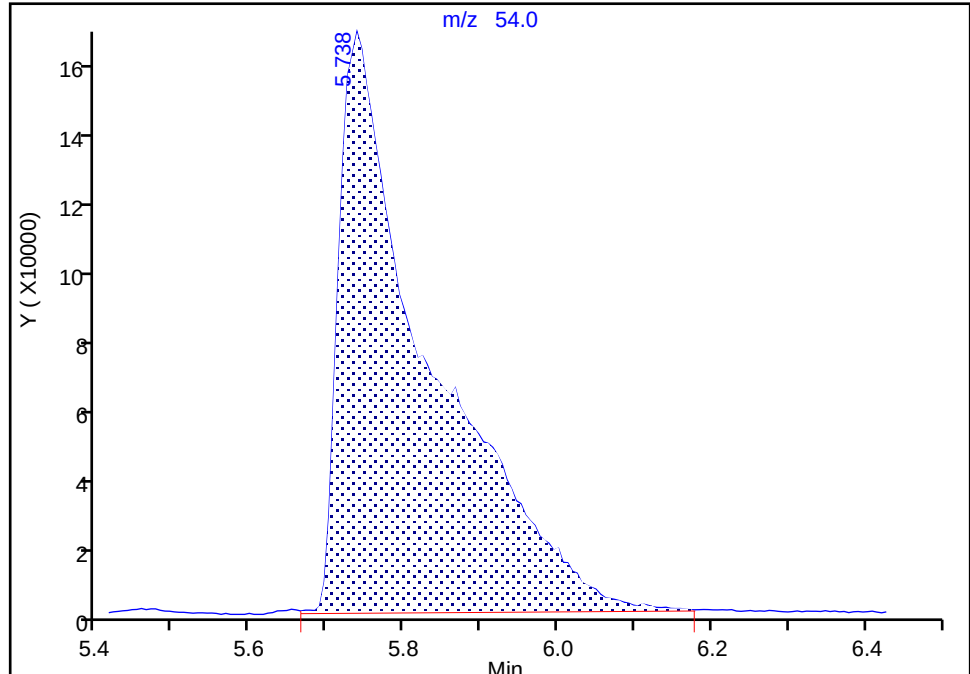
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Injection Date: 27-Oct-2025 20:50:30 Instrument ID: 19094
Lims ID: IC std9 25
Client ID:
Operator ID: ecr105096 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

44 Propionitrile, CAS: 107-12-0

Signal: 1

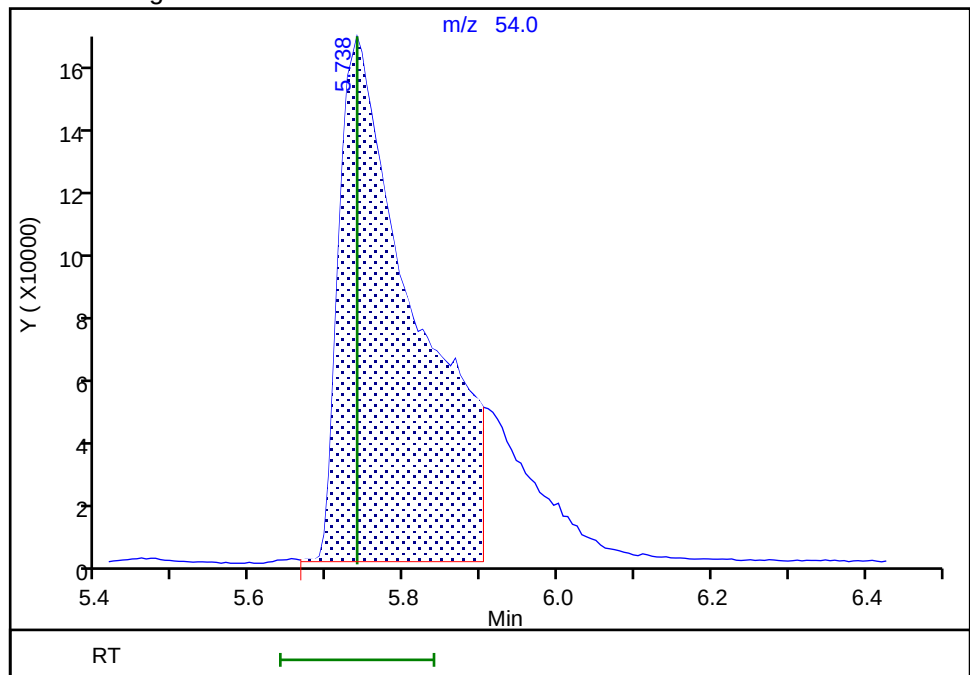
RT: 5.74
Area: 1334797
Amount: 884.9351
Amount Units: ug/l

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

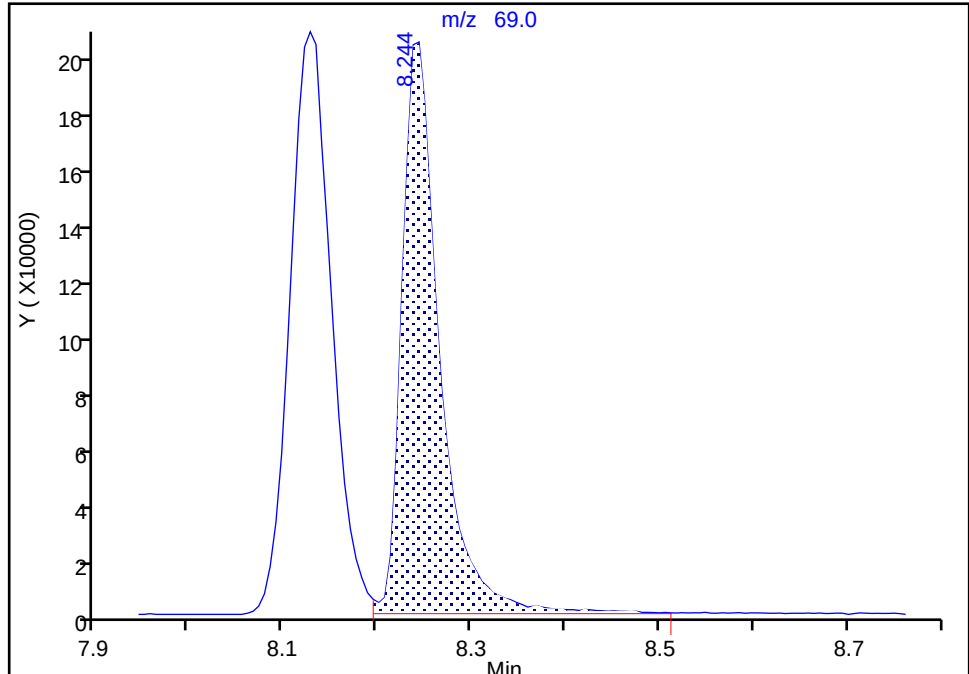
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Injection Date: 27-Oct-2025 20:50:30 Instrument ID: 19094
Lims ID: IC std9 25
Client ID:
Operator ID: ecr105096 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 Methyl methacrylate, CAS: 80-62-6

Signal: 1

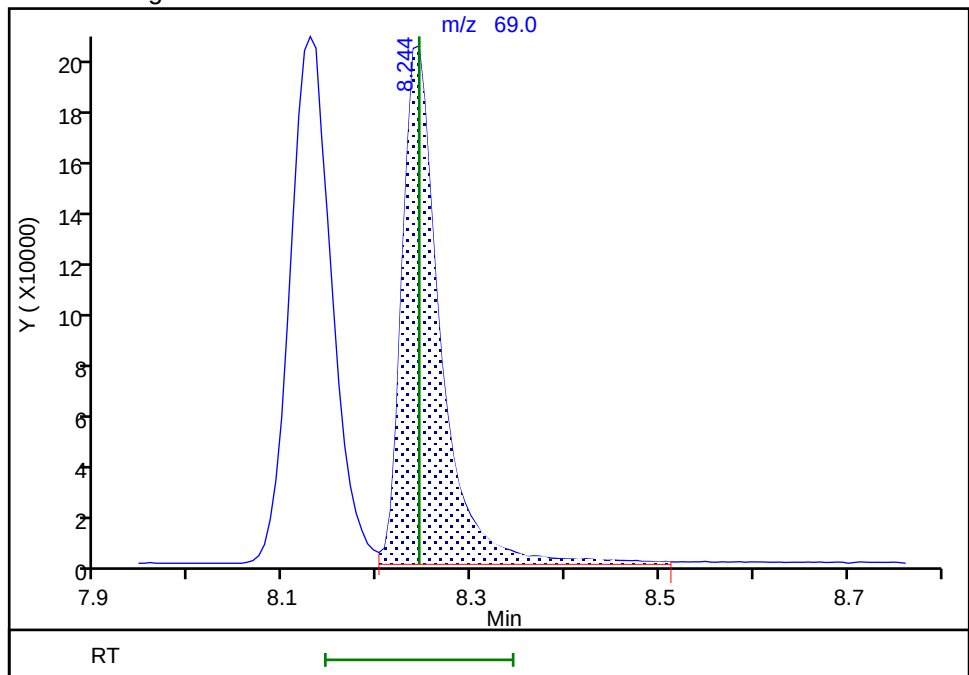
RT: 8.24
Area: 574390
Amount: 26.614297
Amount Units: ug/l

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

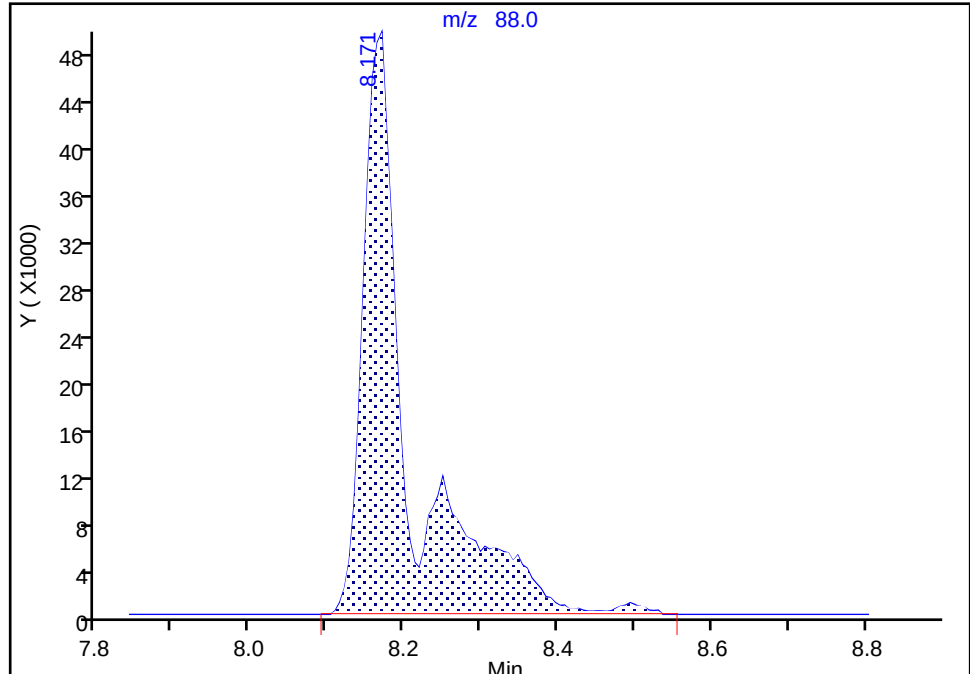
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Injection Date: 27-Oct-2025 20:50:30 Instrument ID: 19094
Lims ID: IC std9 25
Client ID:
Operator ID: ecr105096 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

73 1,4-Dioxane, CAS: 123-91-1

Signal: 1

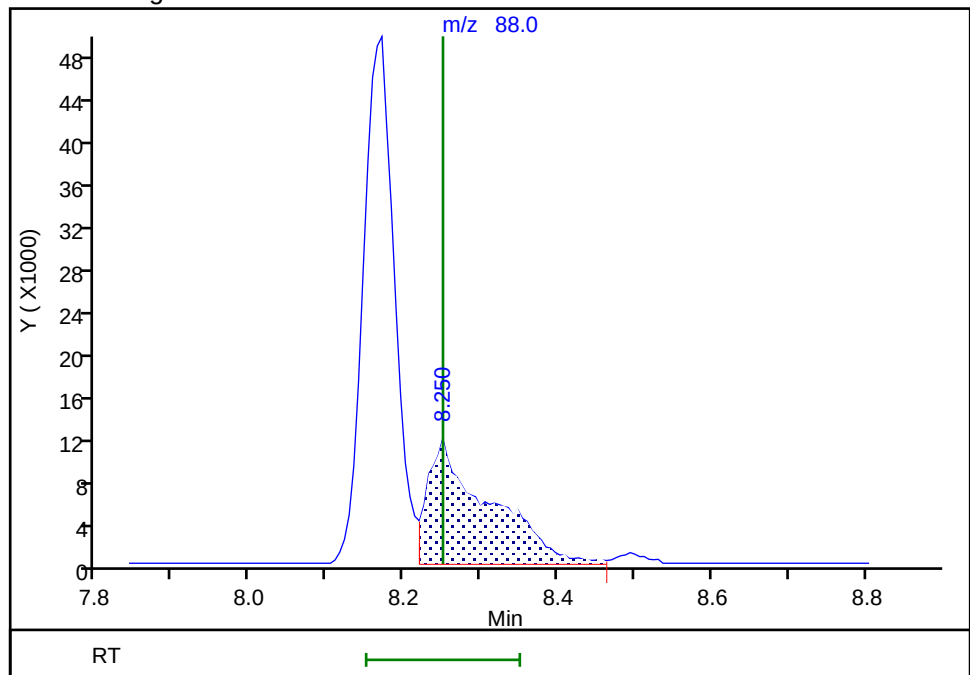
RT: 8.17
Area: 204551
Amount: 1581.3541
Amount Units: ug/l

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

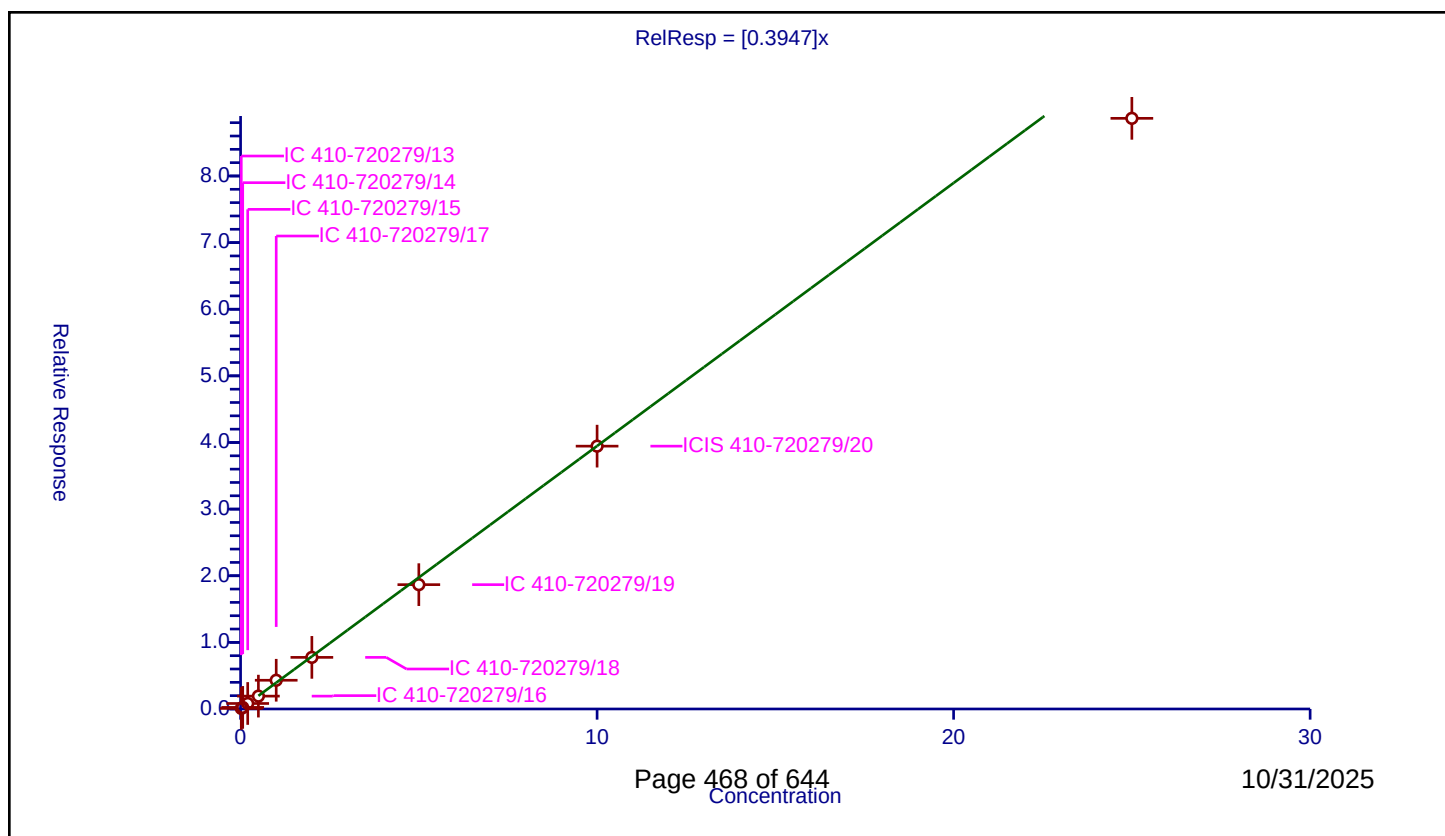
Curve Coefficients

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

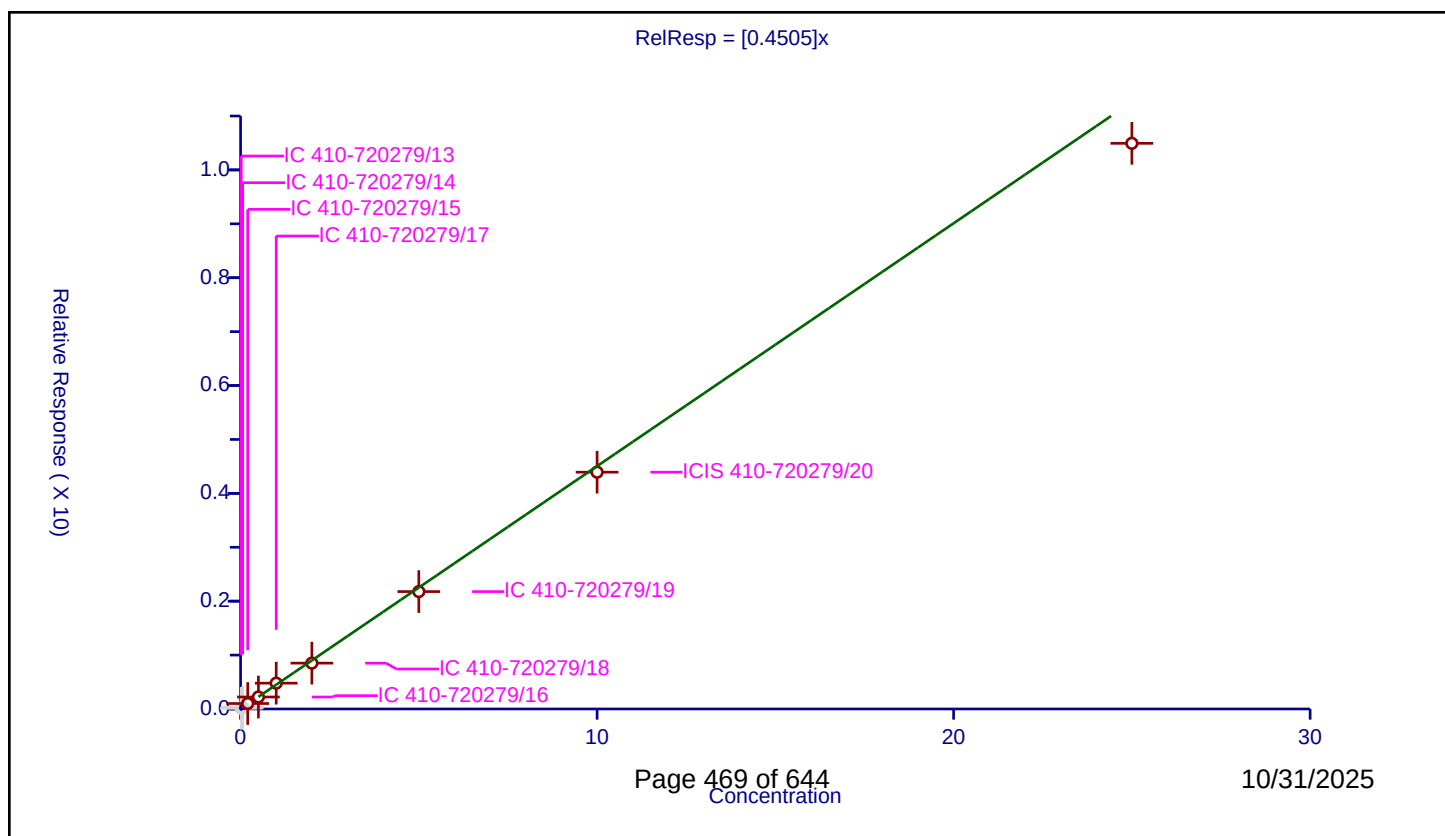
Curve Coefficients

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

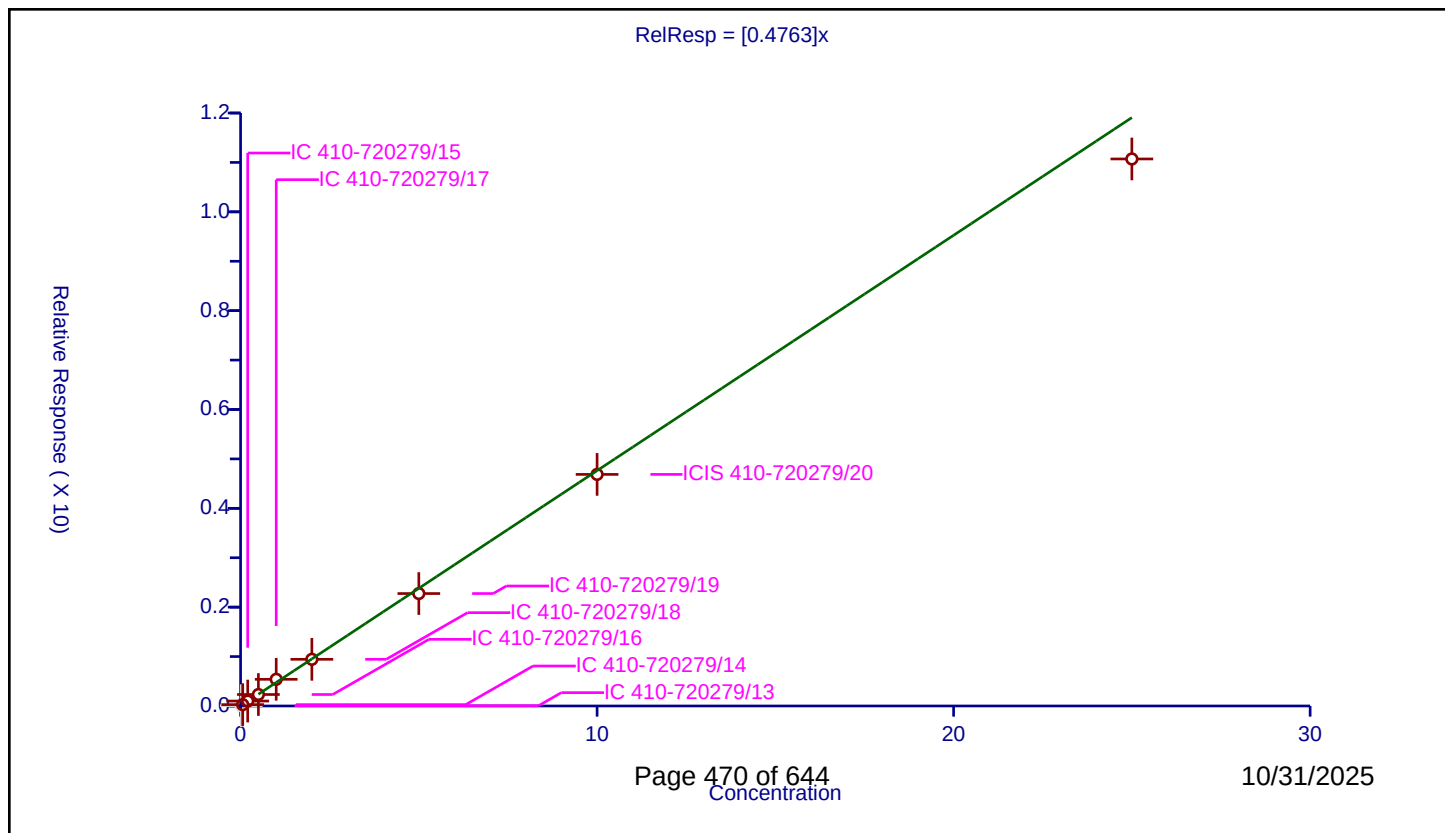
Curve Coefficients

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

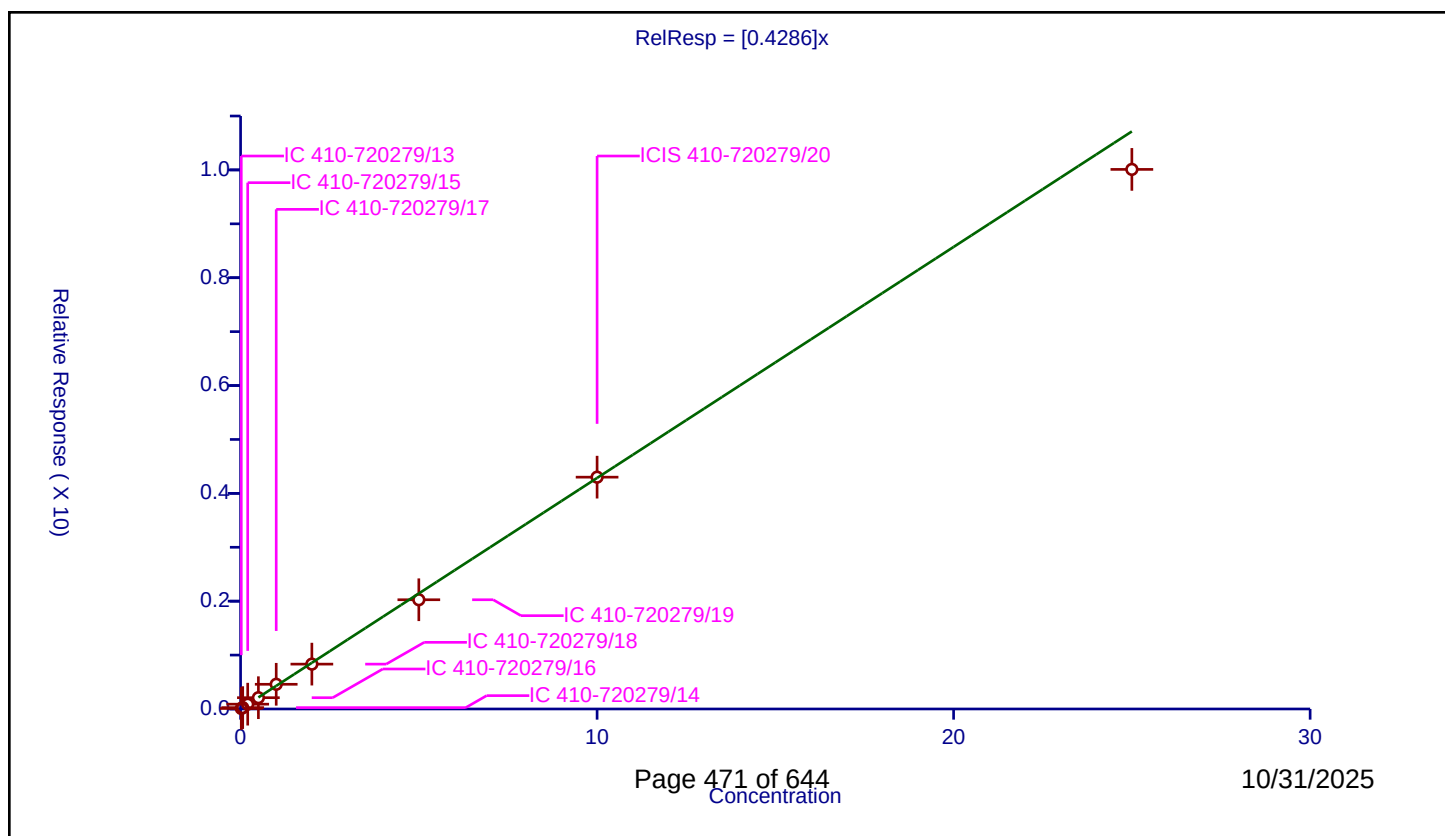
Curve Coefficients

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

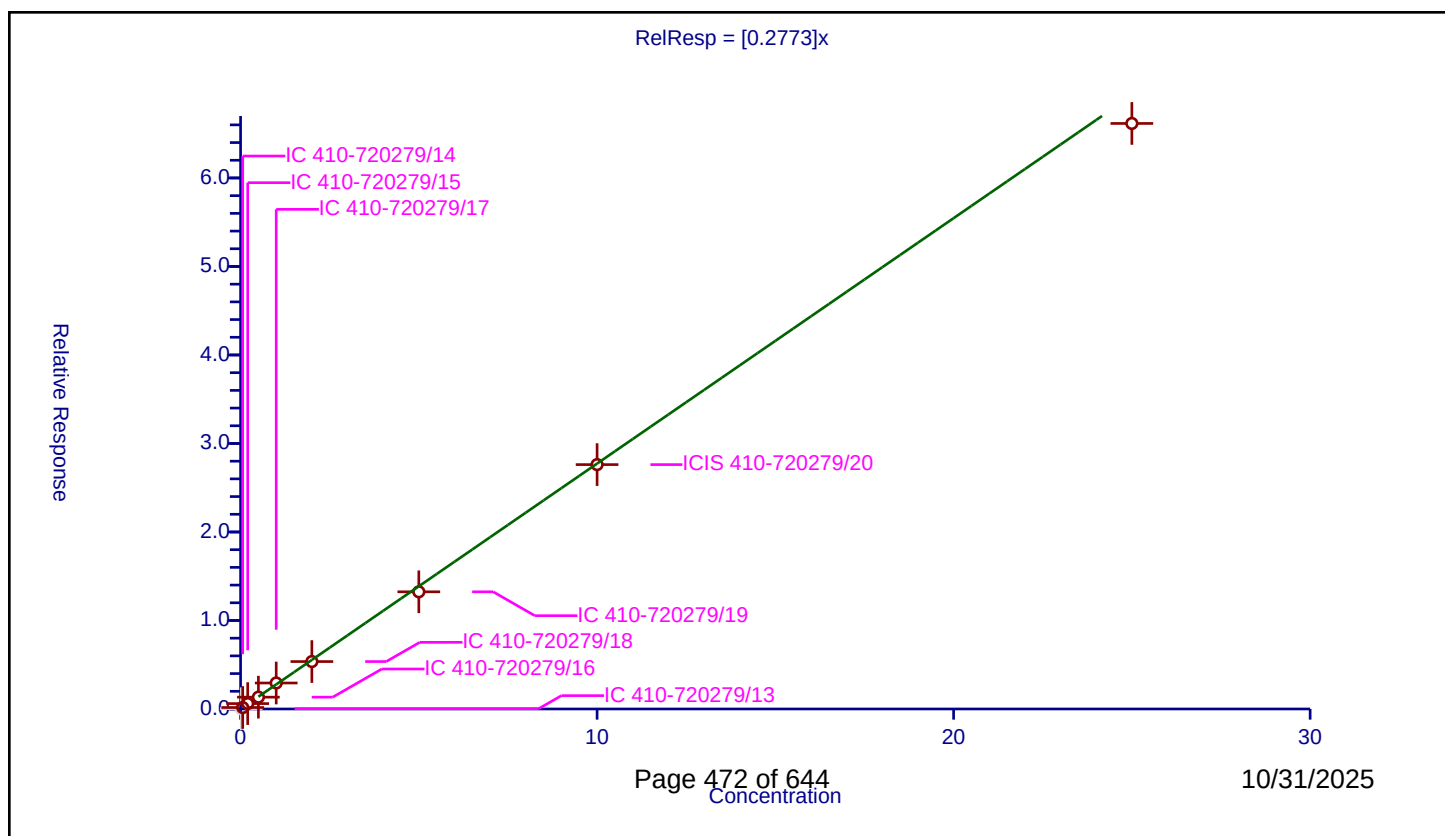
Curve Coefficients

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

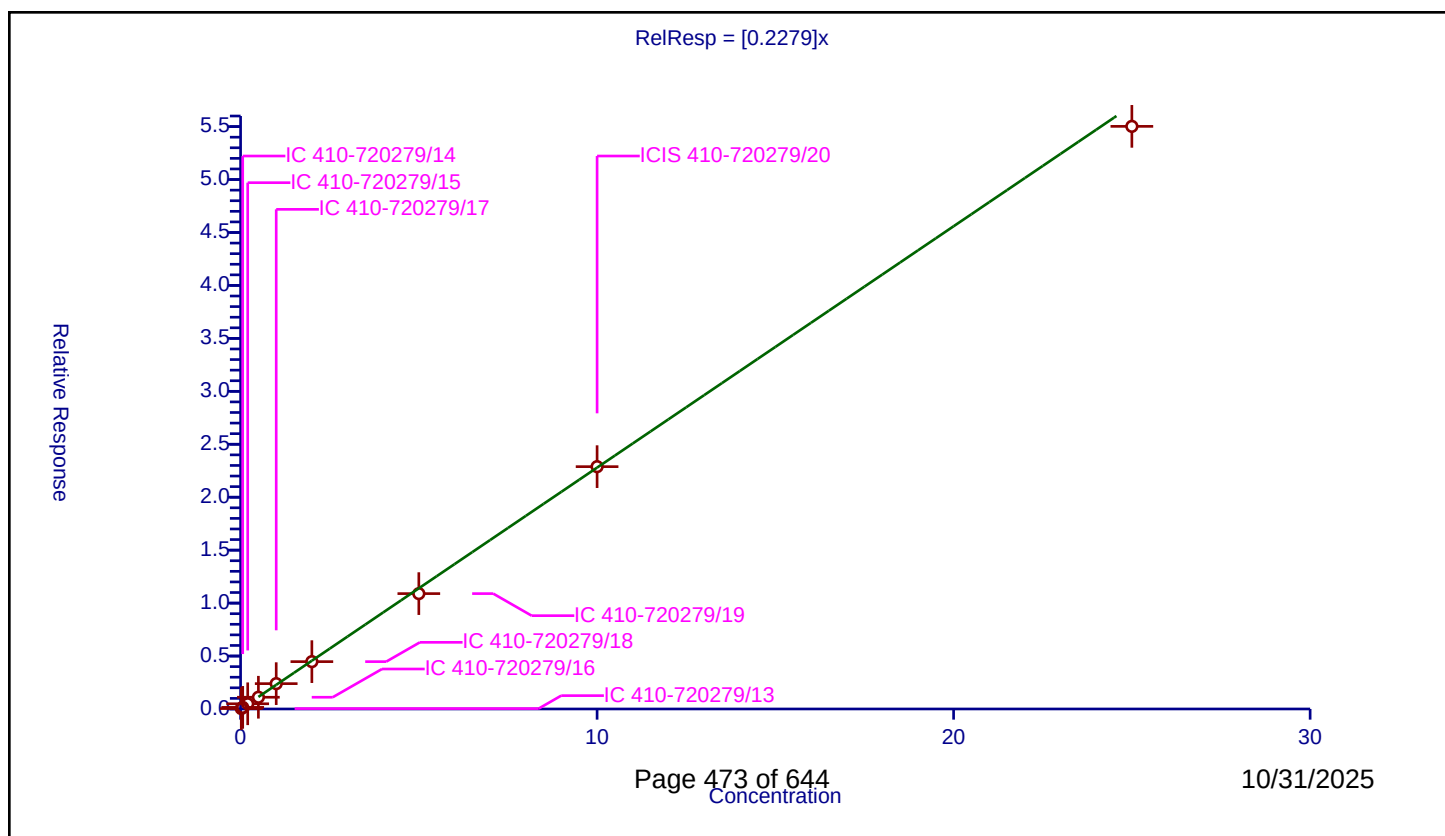
Curve Coefficients

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

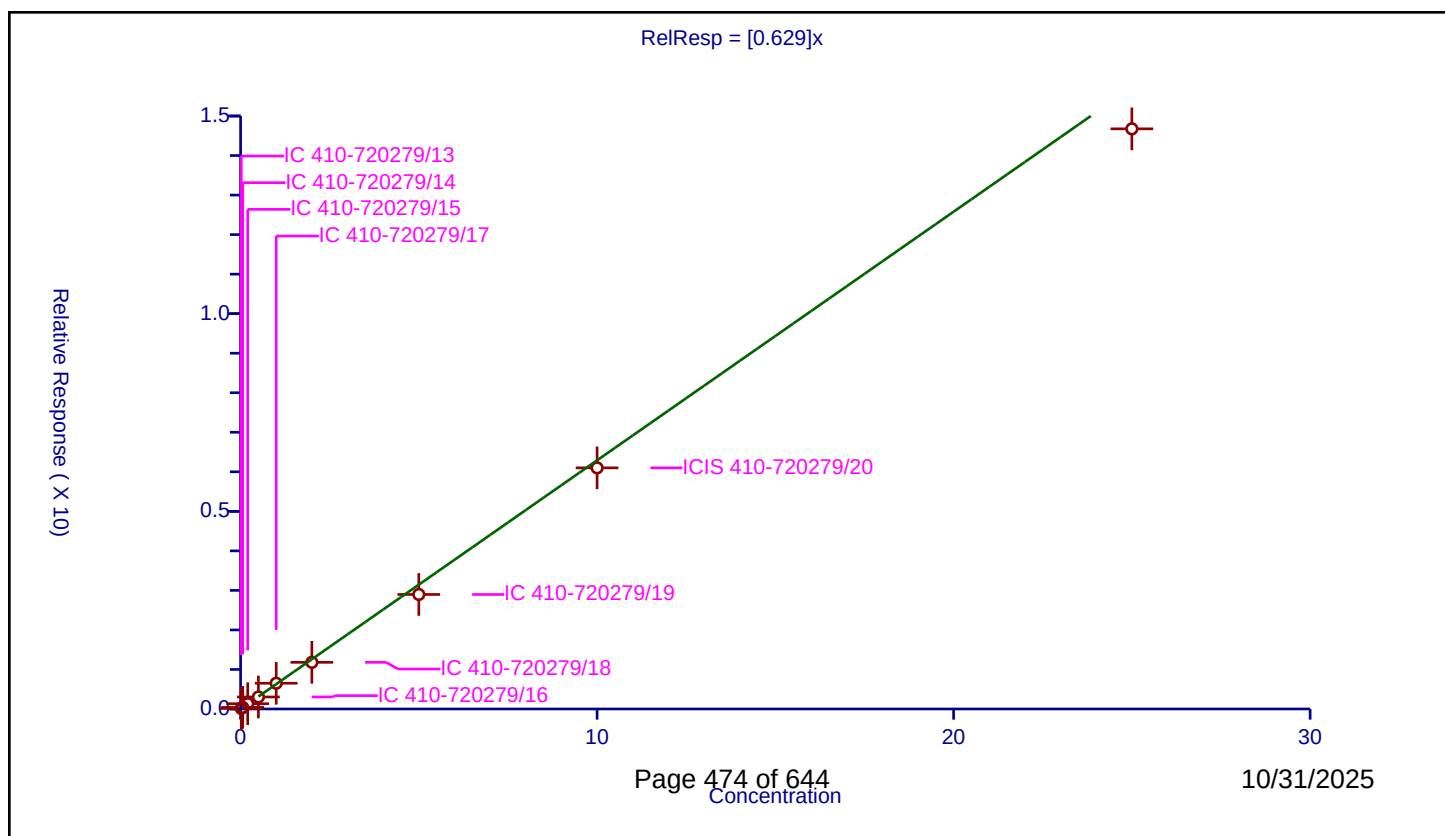
Curve Coefficients

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

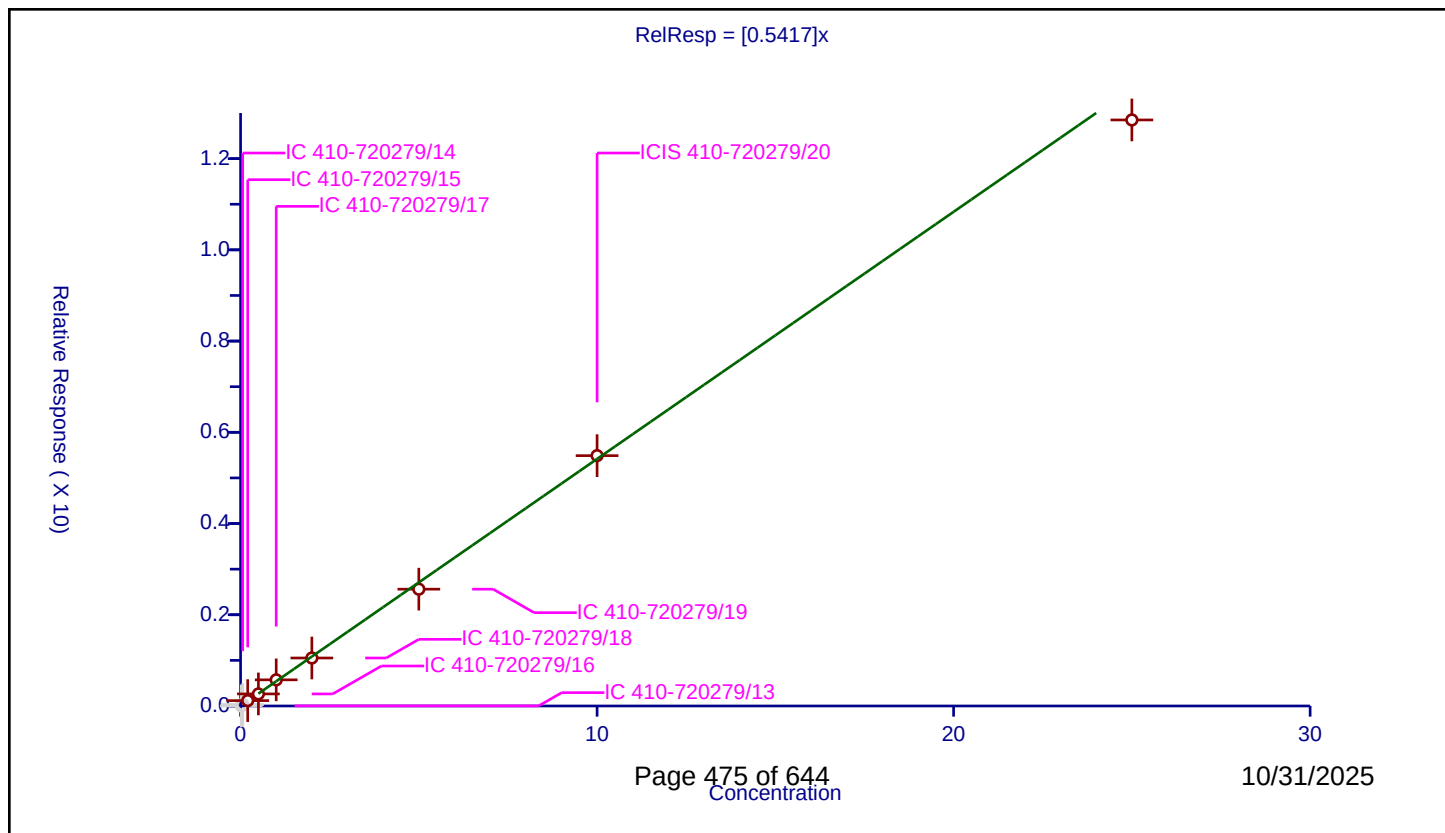
Curve Coefficients

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

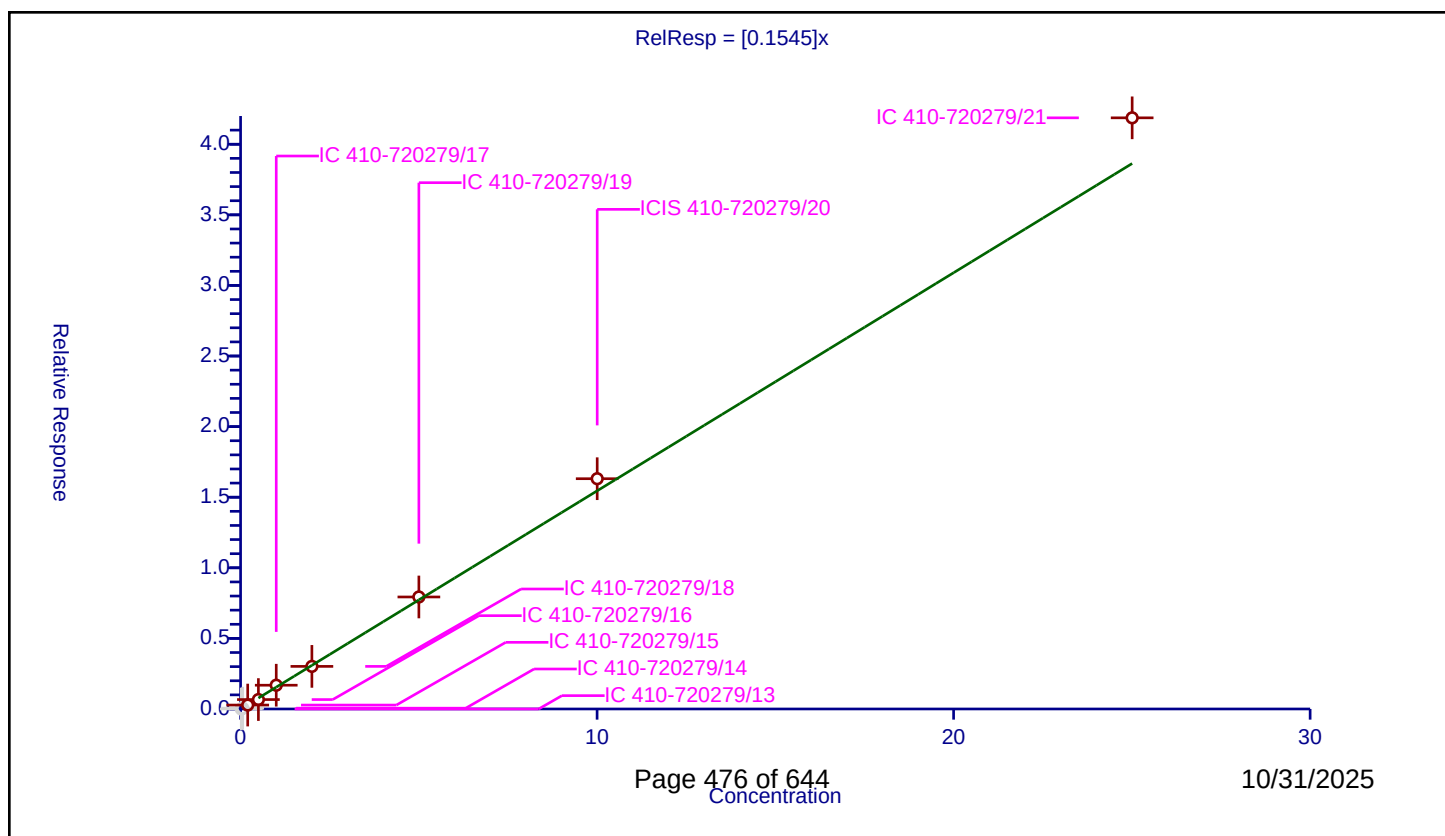
Curve Coefficients

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

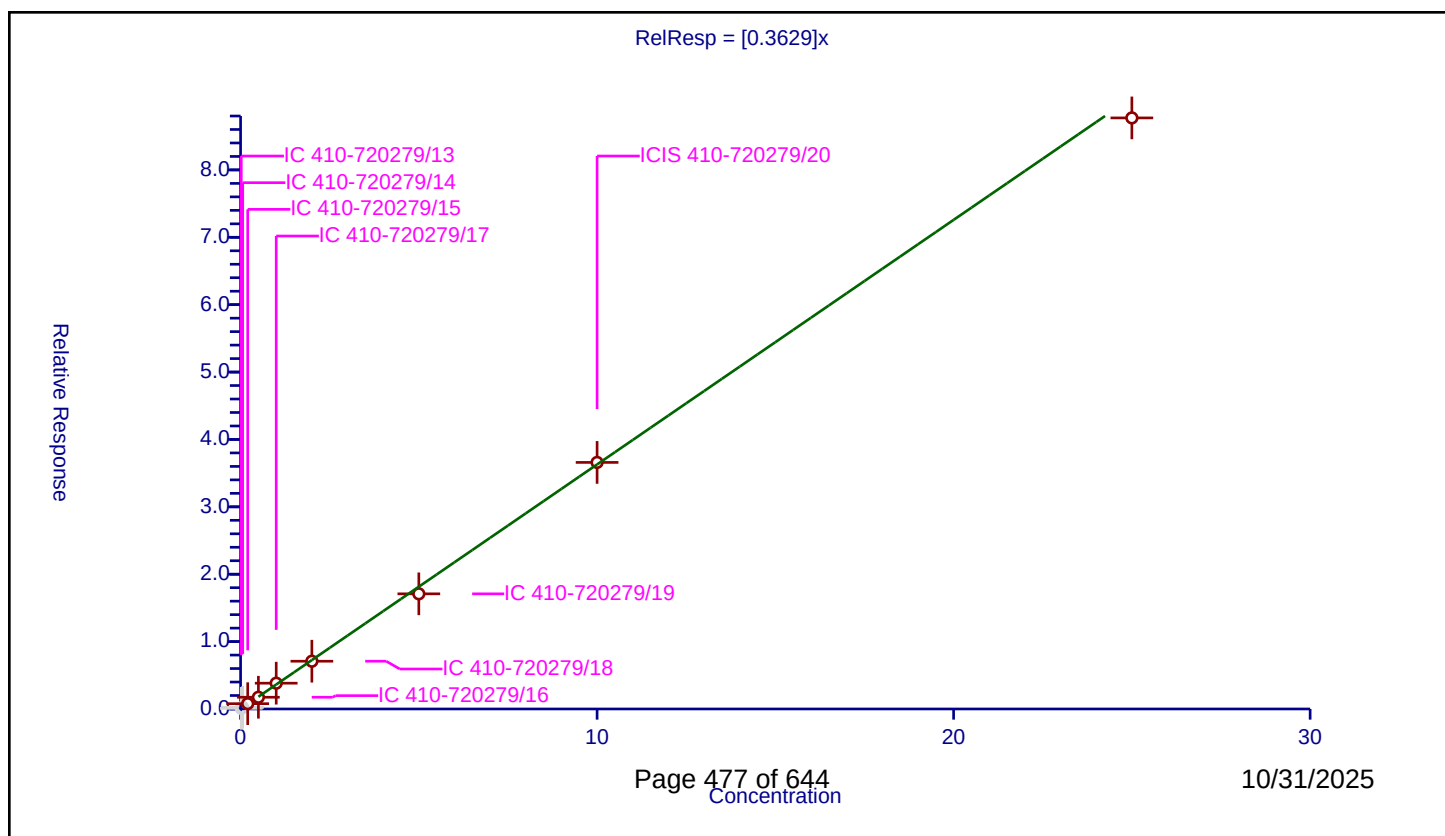
Curve Coefficients

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

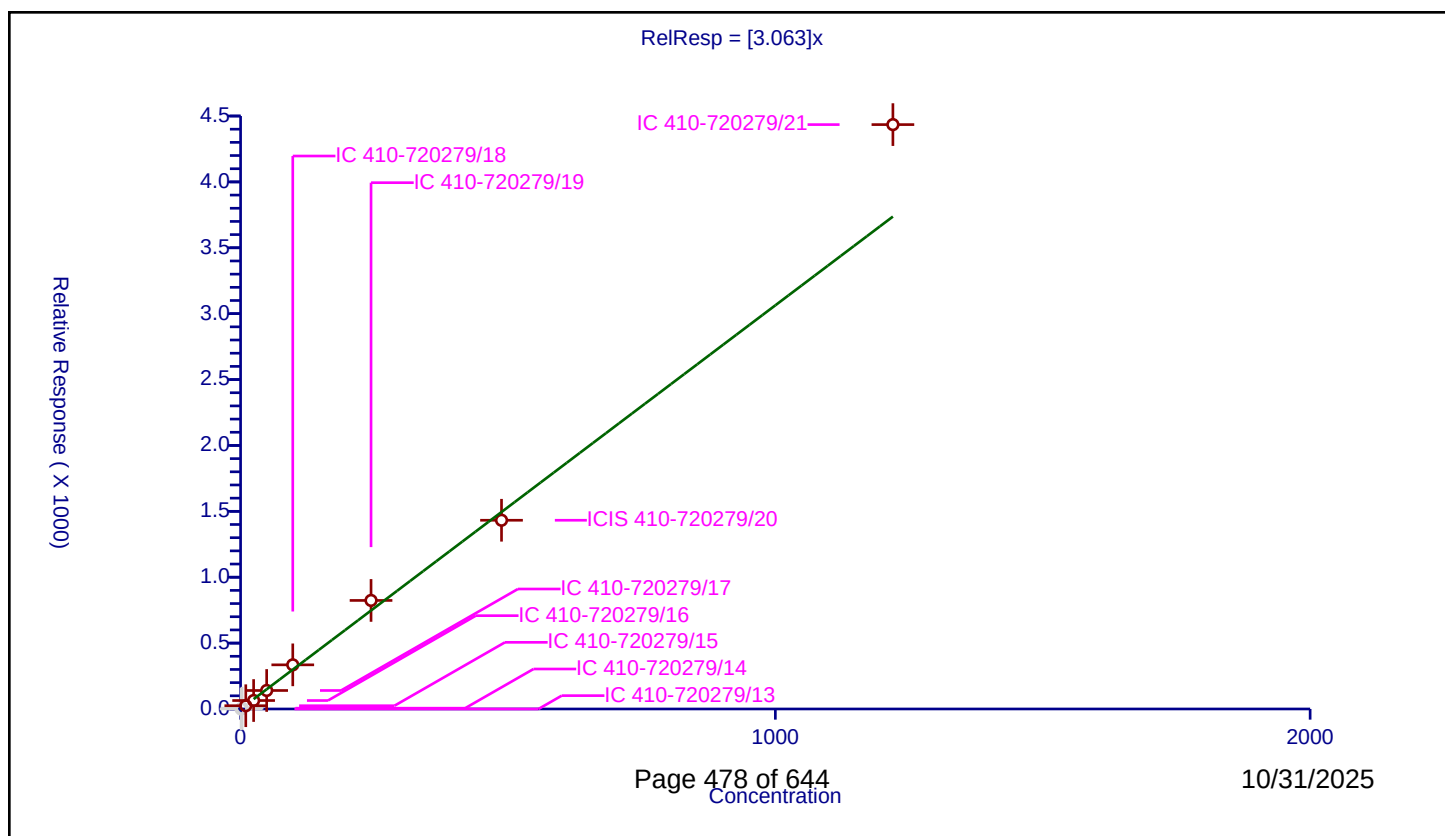
Curve Coefficients

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

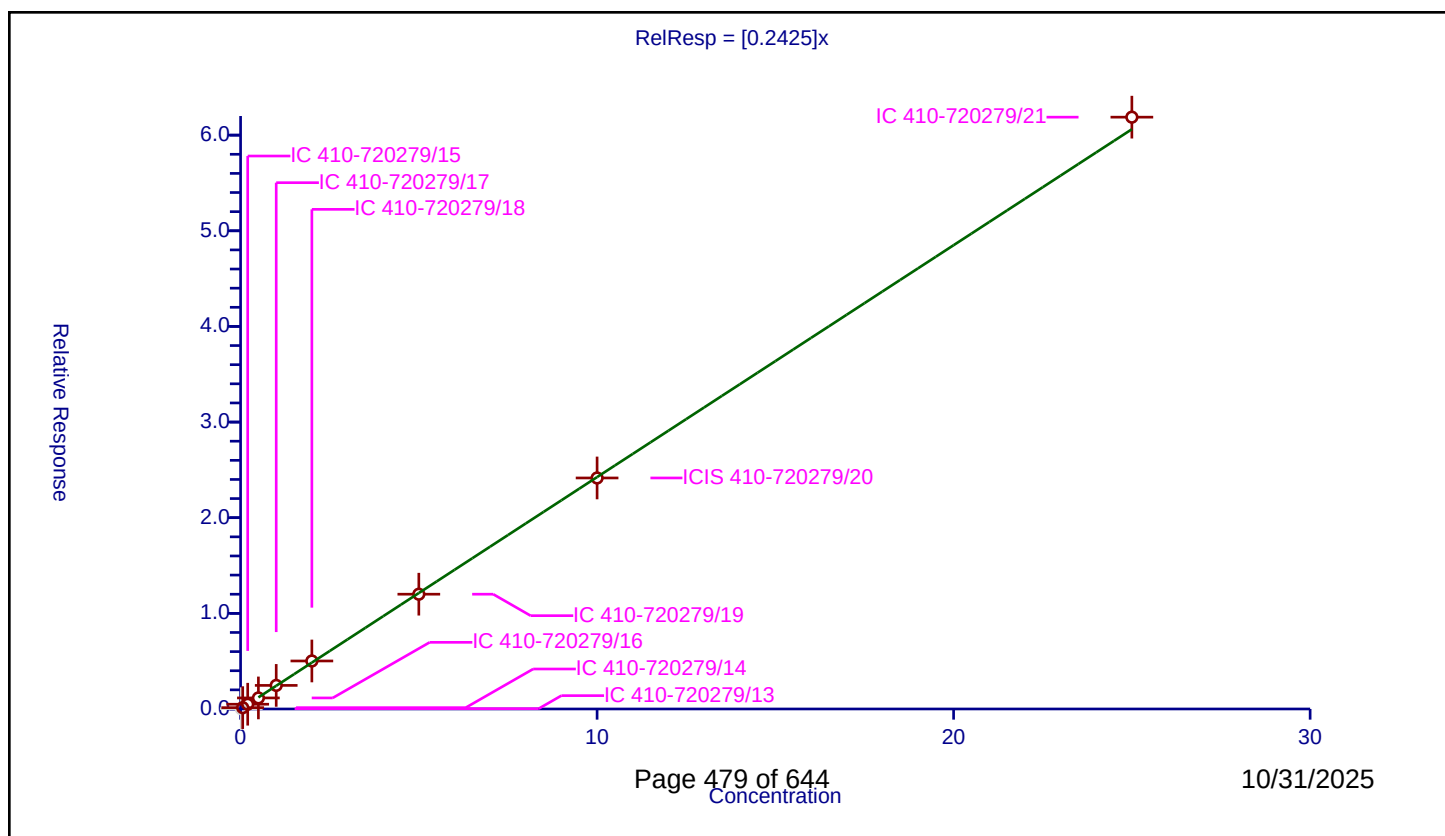
Curve Coefficients

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

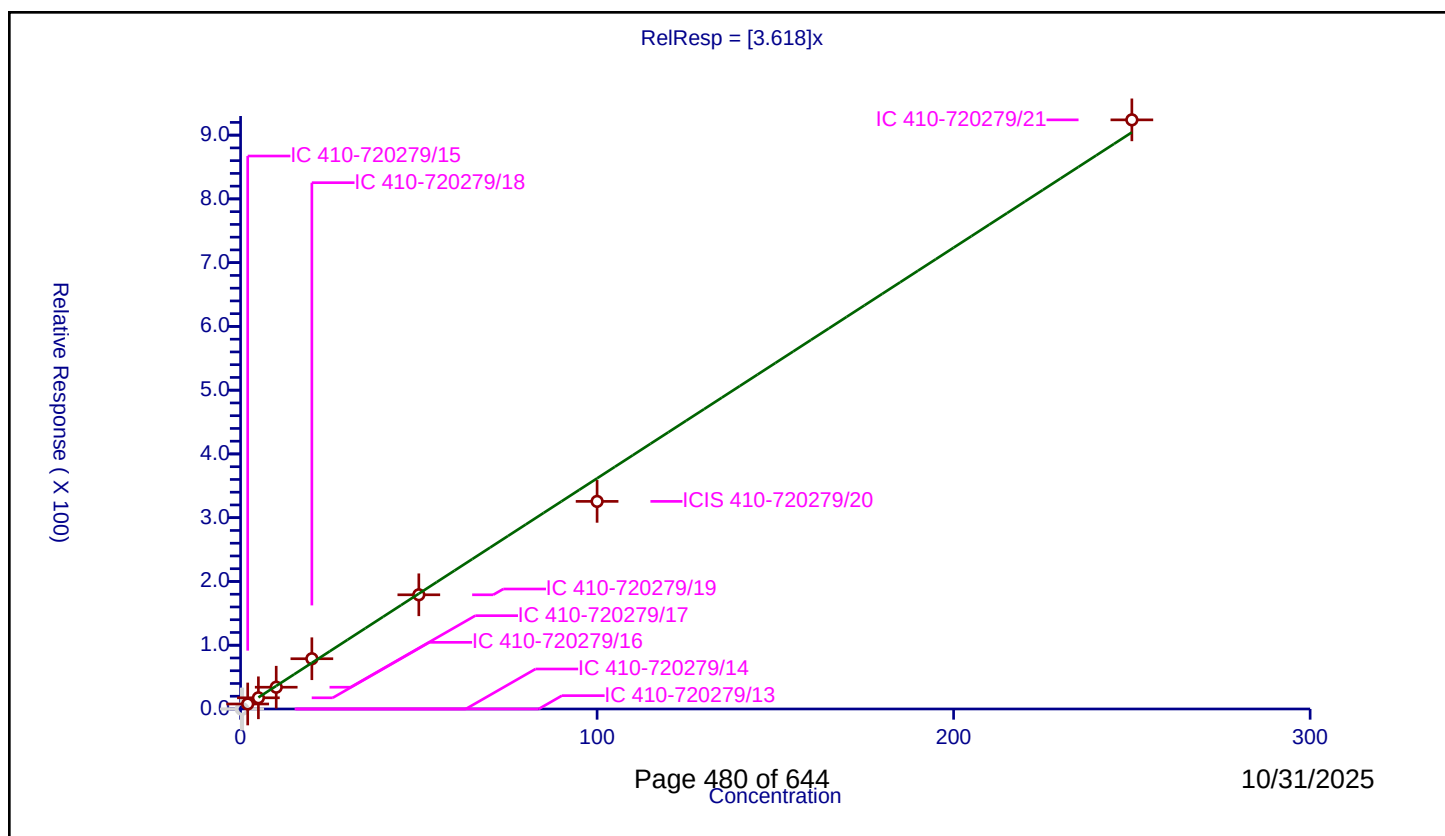
Curve Coefficients

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

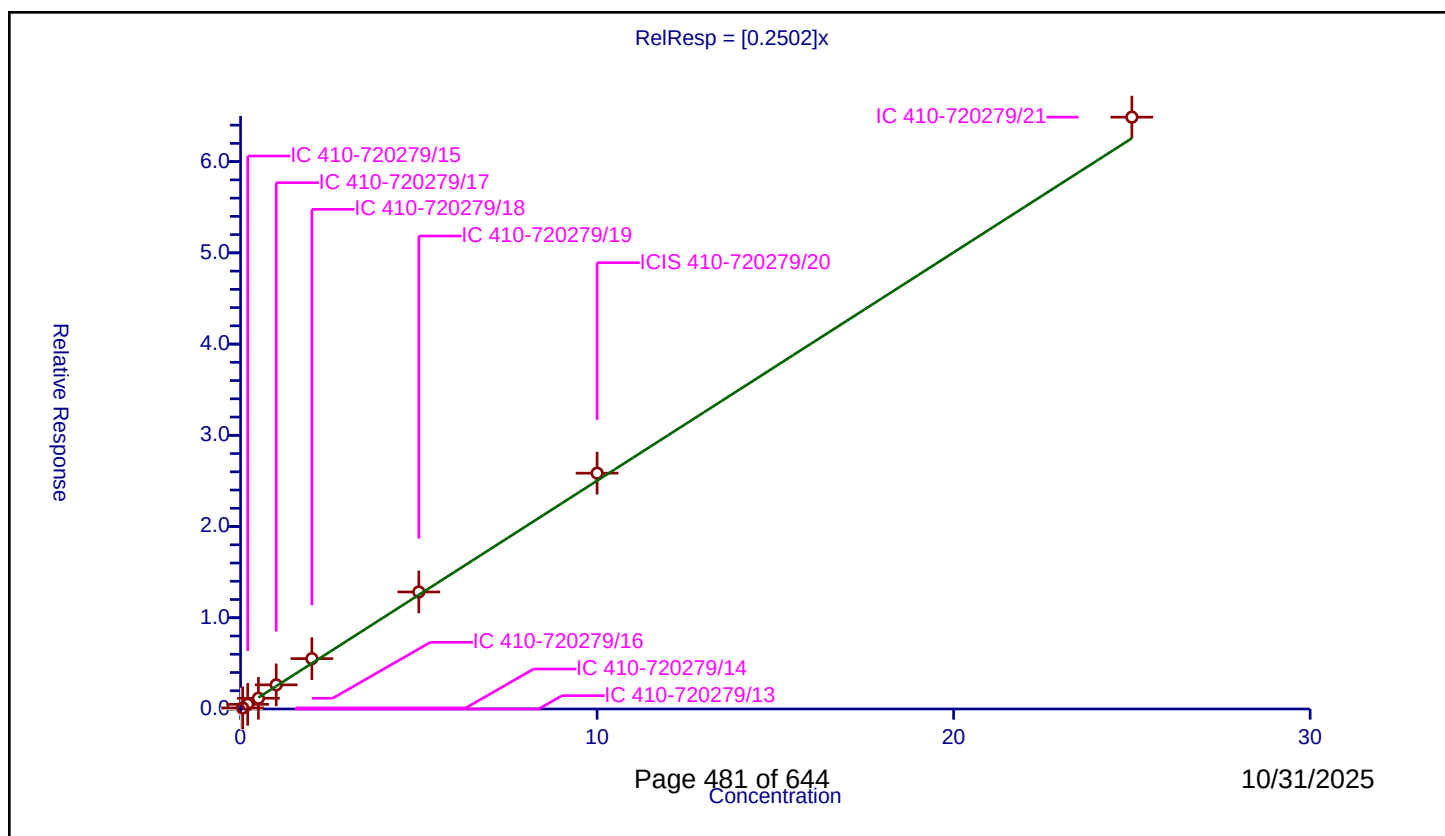
Curve Coefficients

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

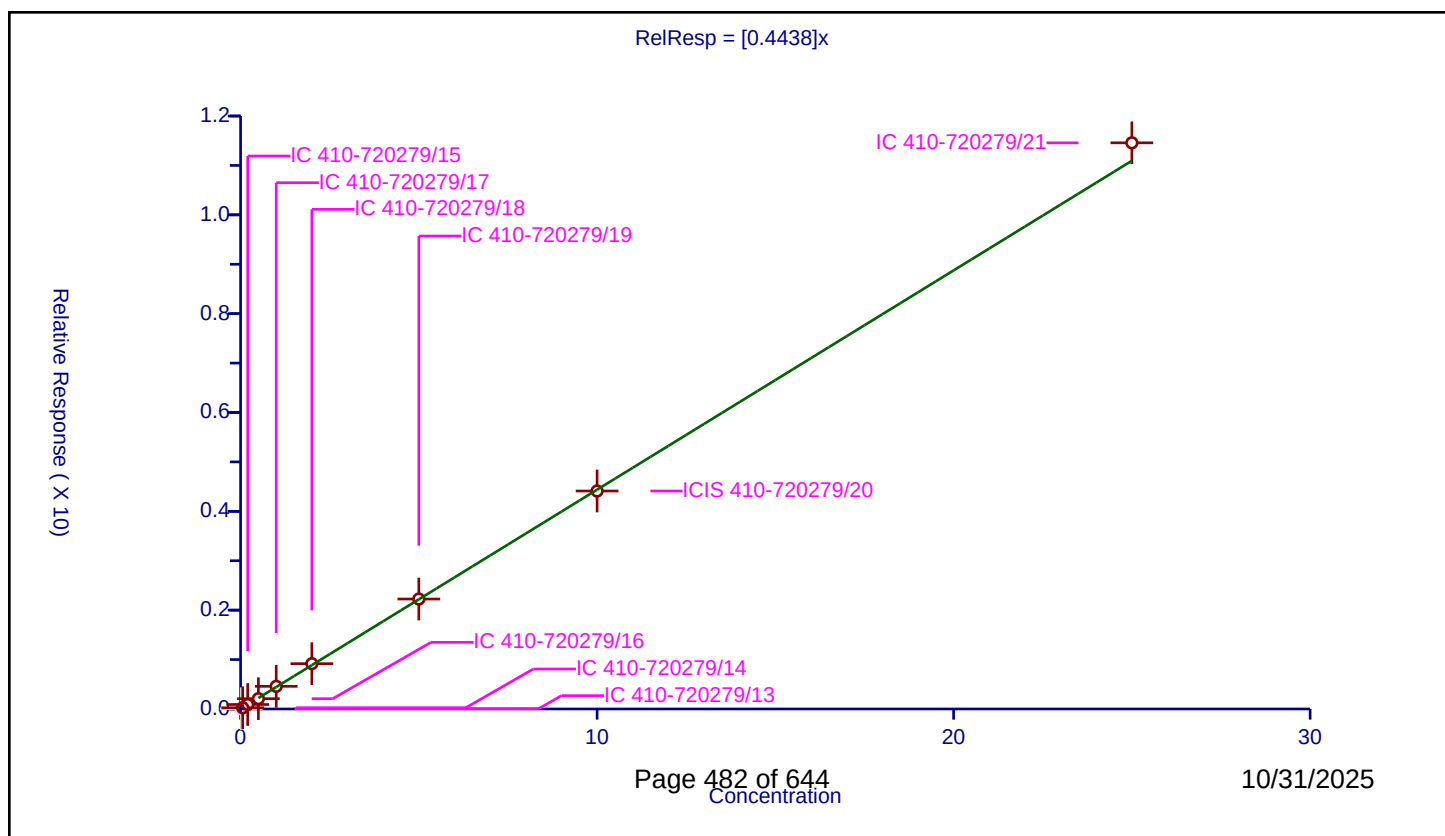
Curve Coefficients

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

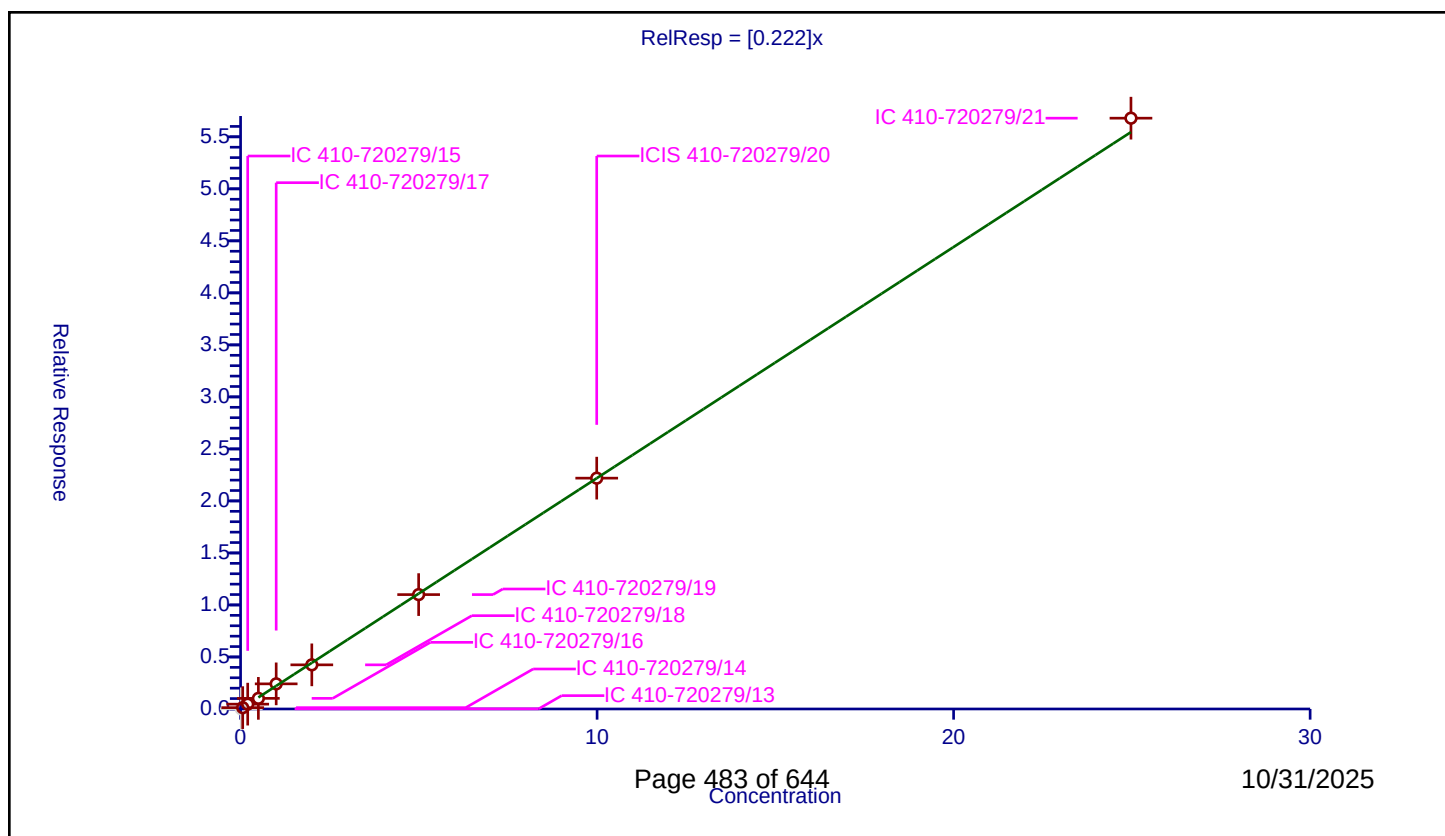
Curve Coefficients

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

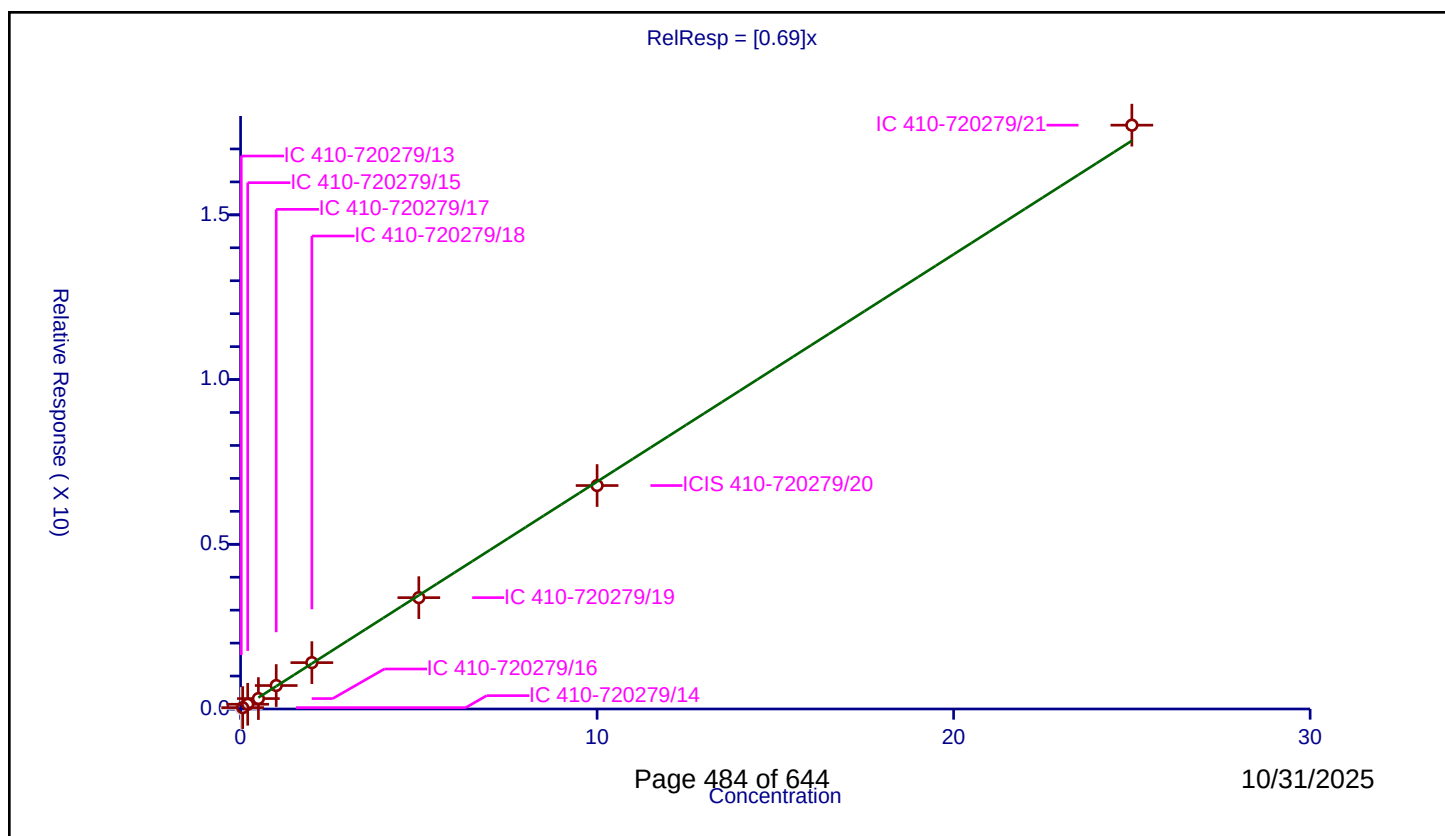
Curve Coefficients

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

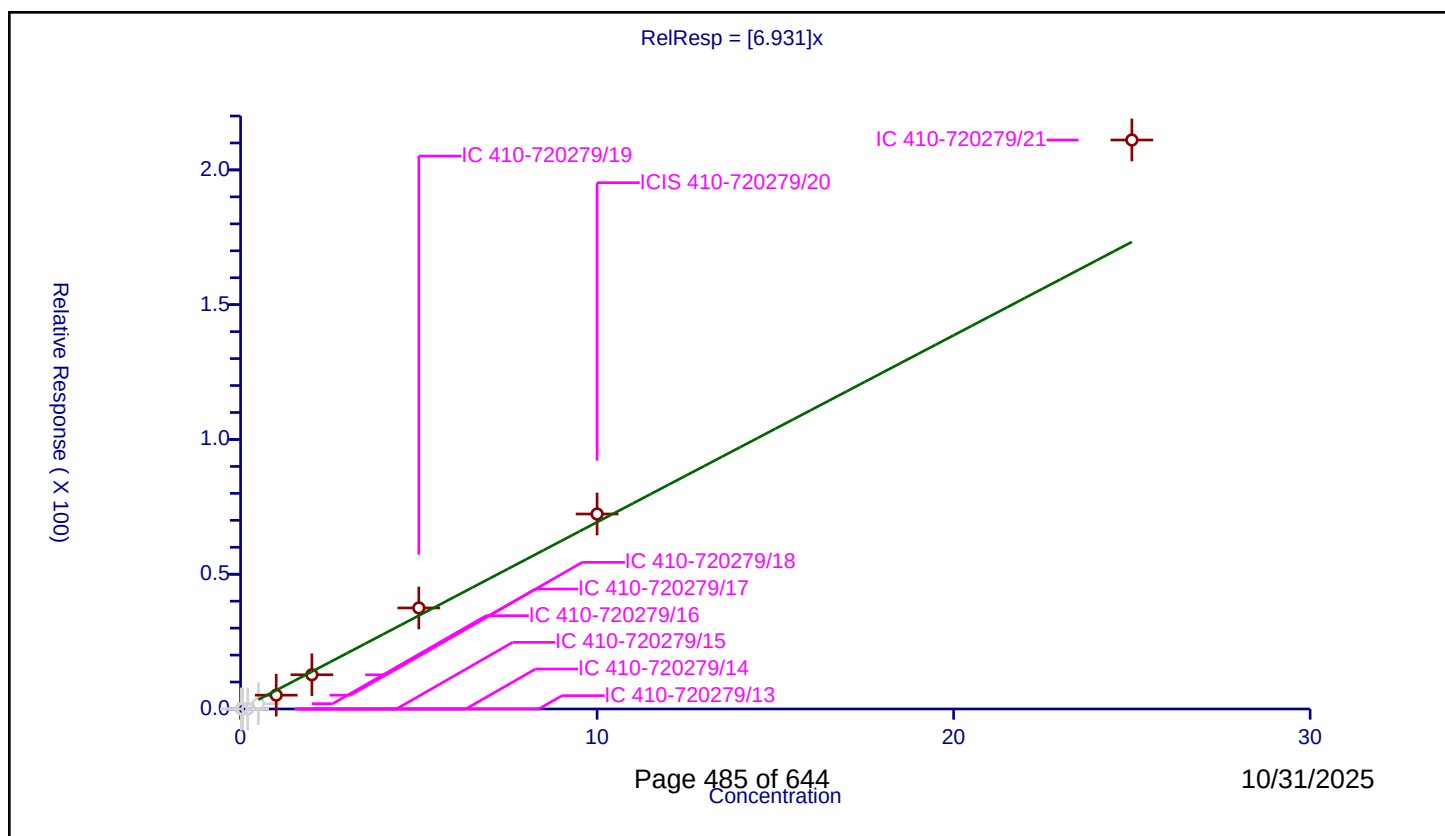
Curve Coefficients

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

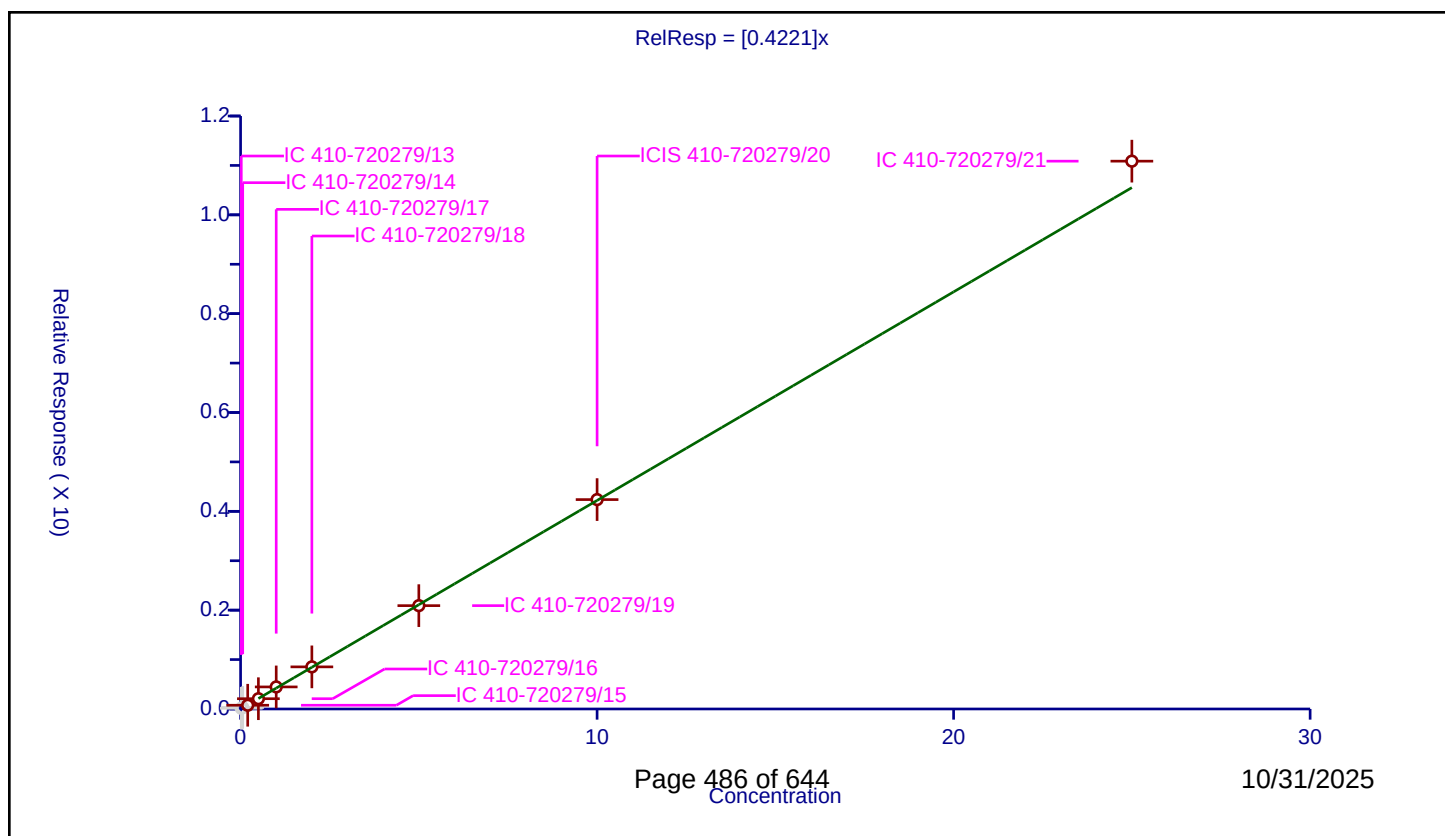
Curve Coefficients

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

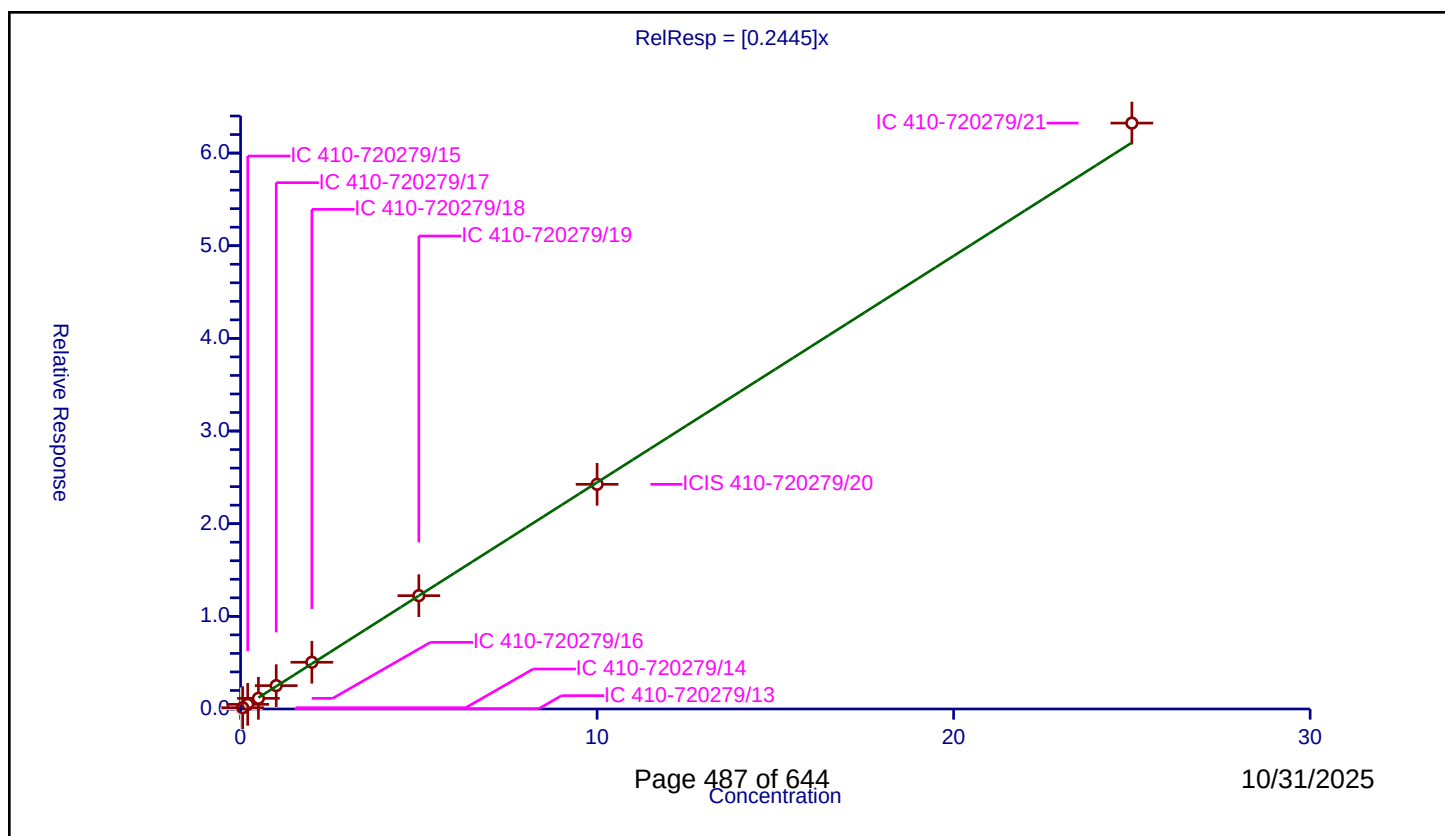
Curve Coefficients

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

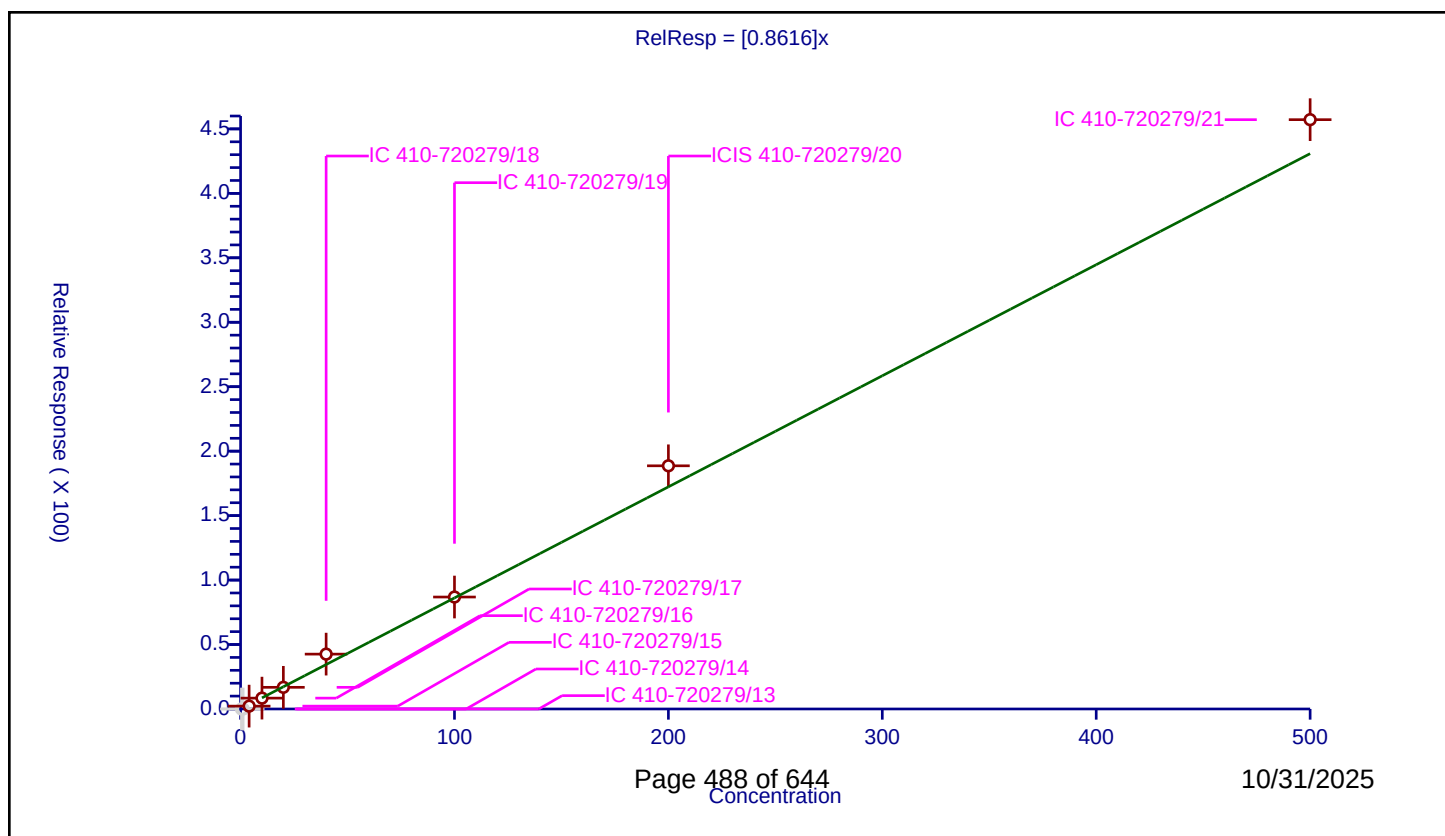
Curve Coefficients

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

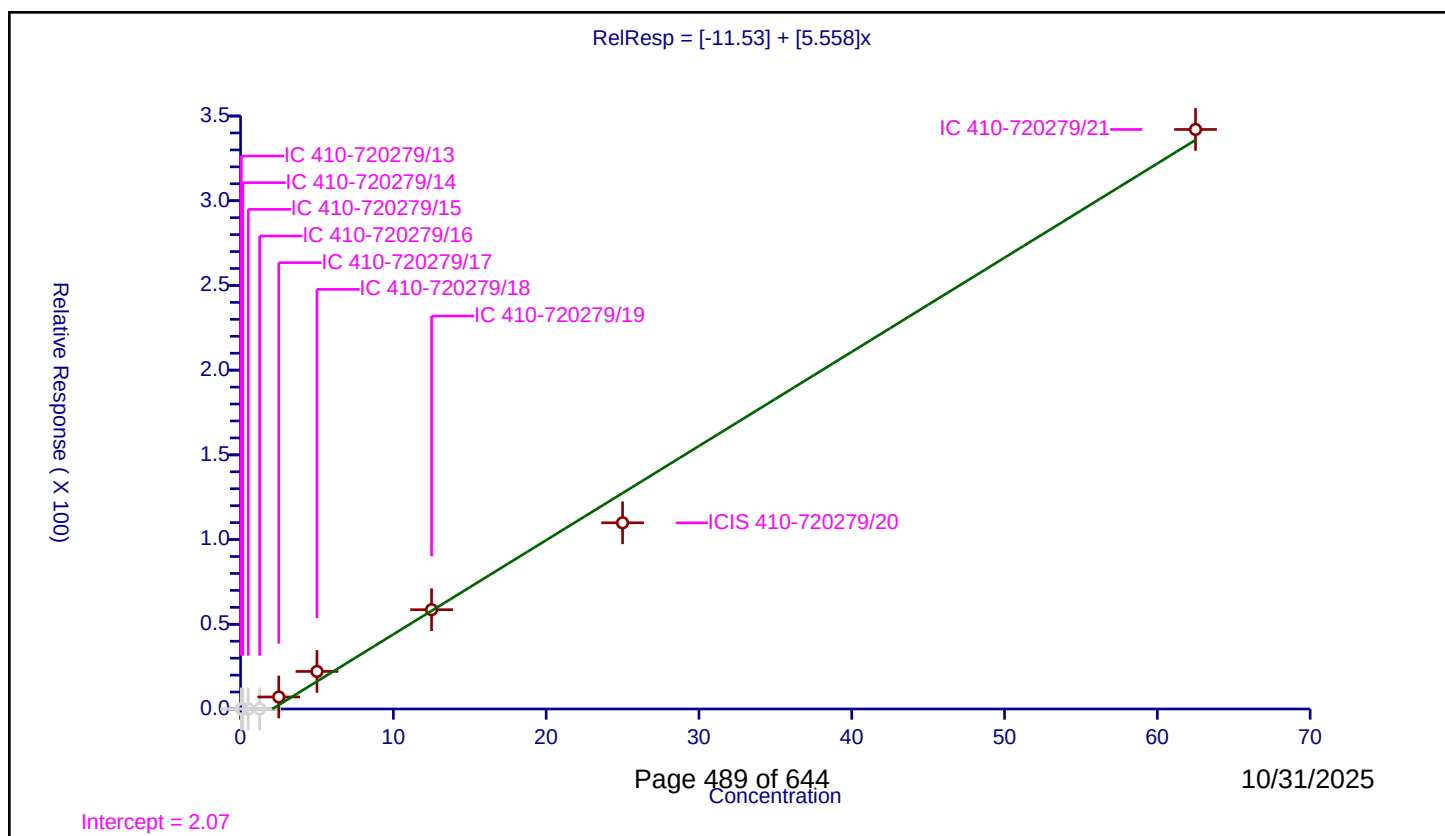
Curve Coefficients

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

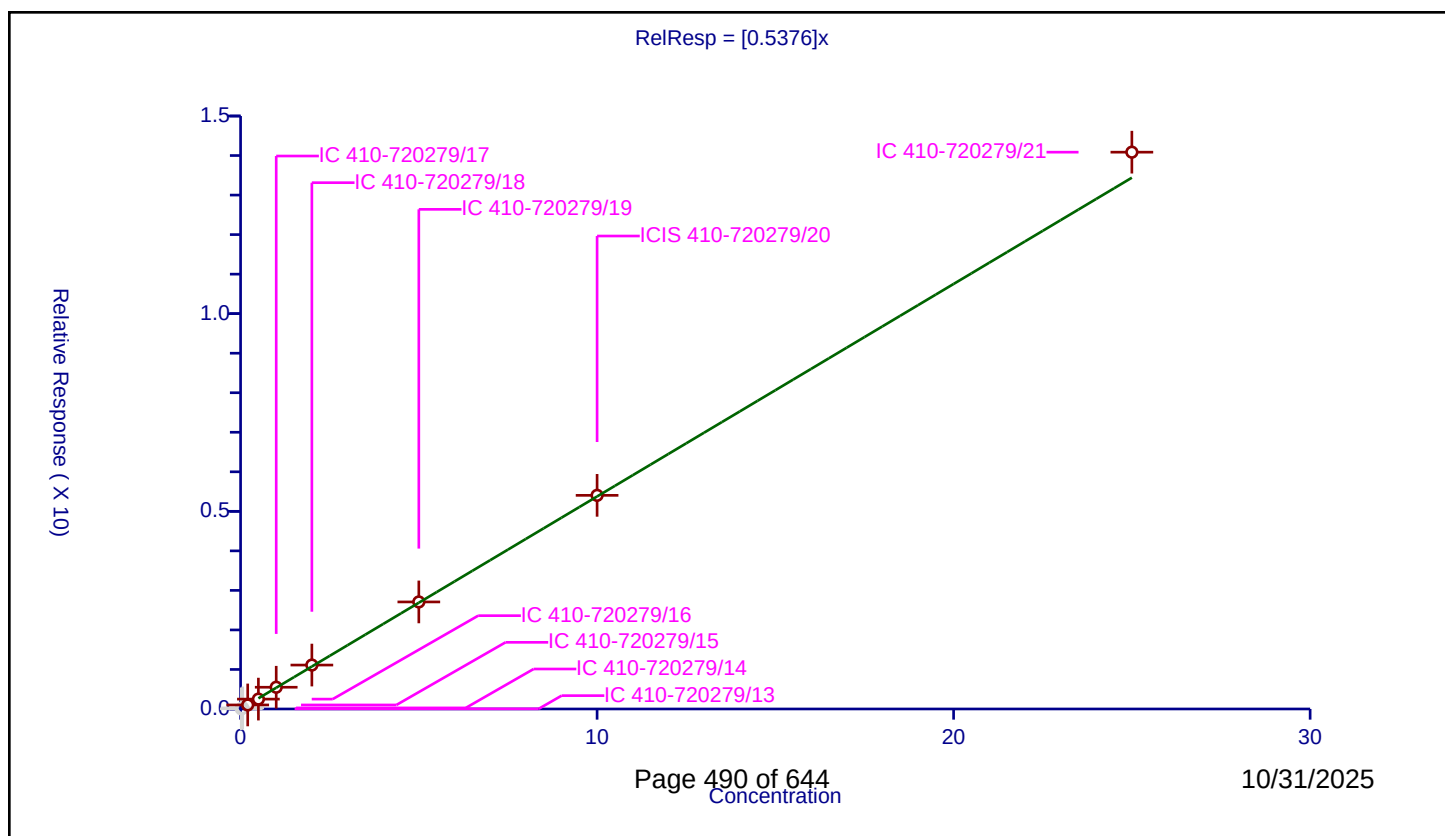
Curve Coefficients

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

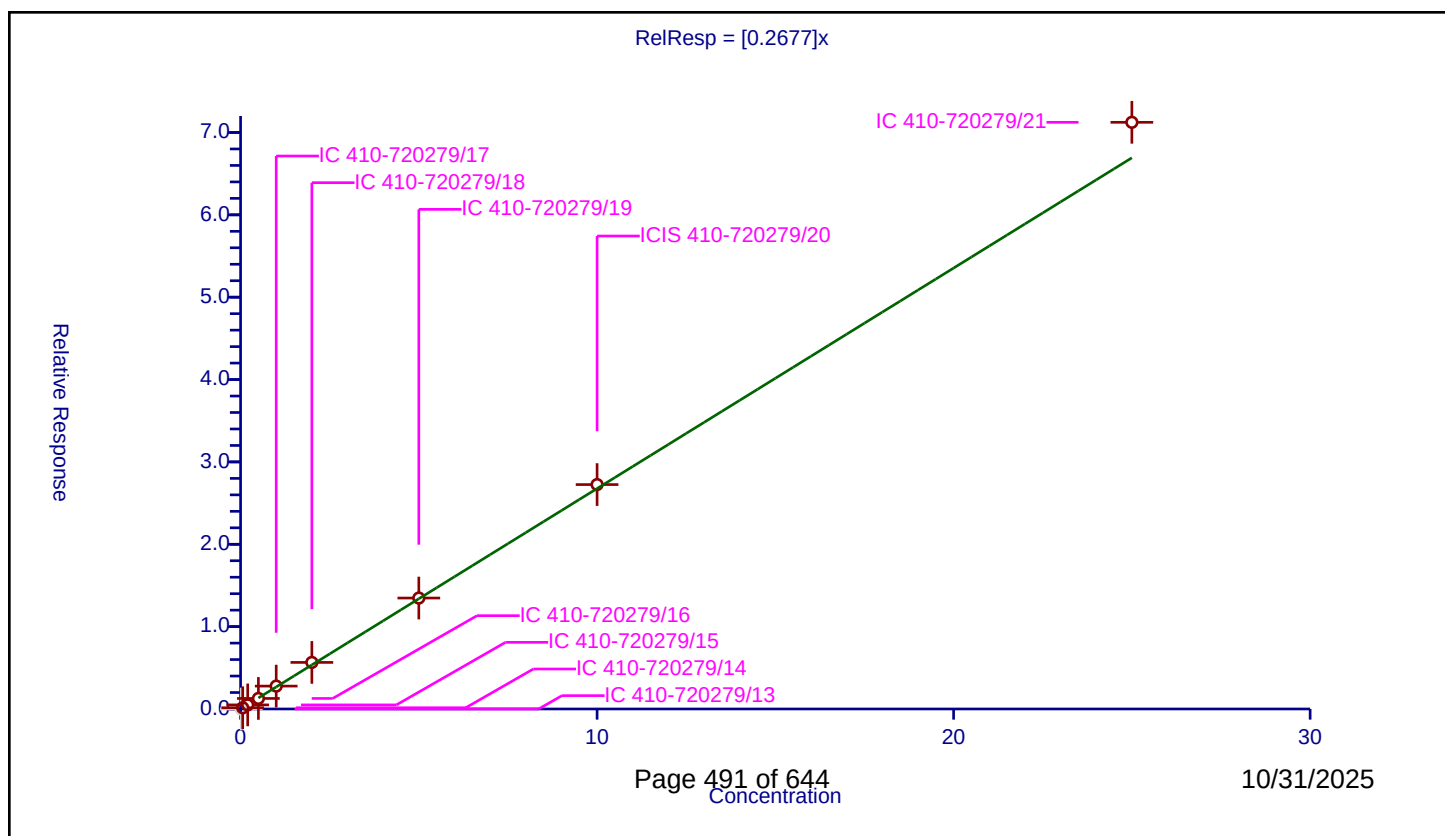
Curve Coefficients

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

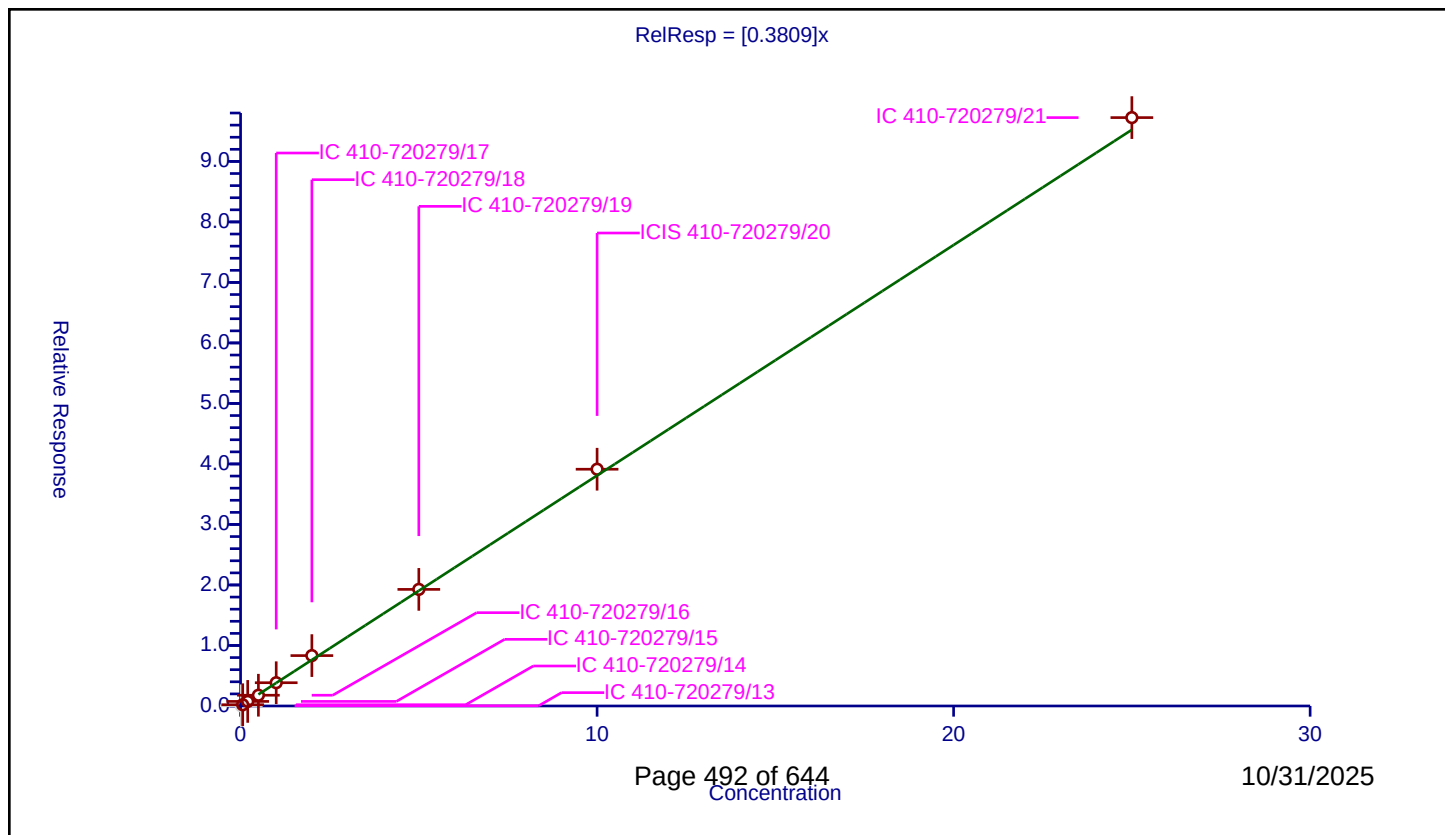
Curve Coefficients

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

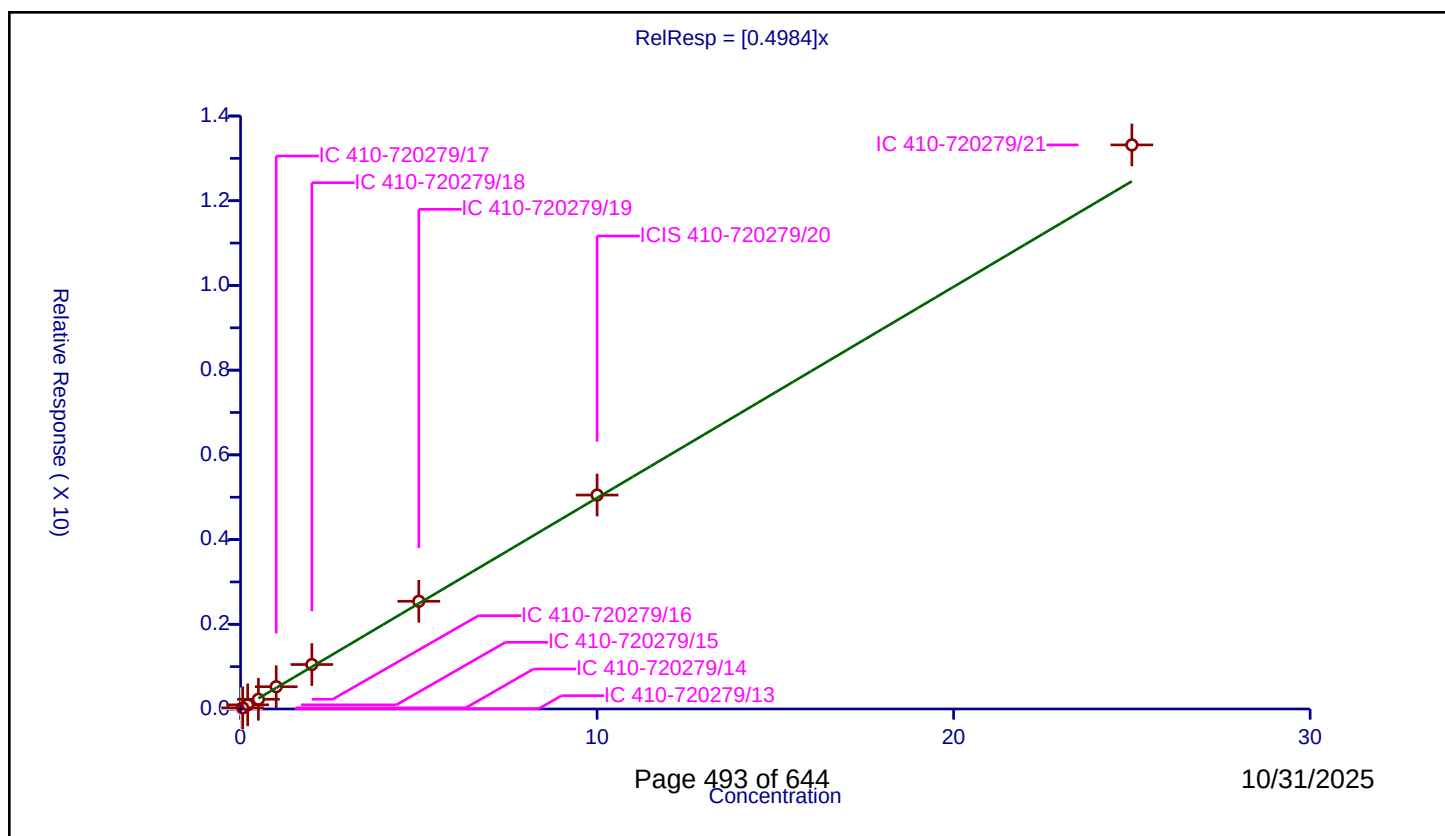
Curve Coefficients

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

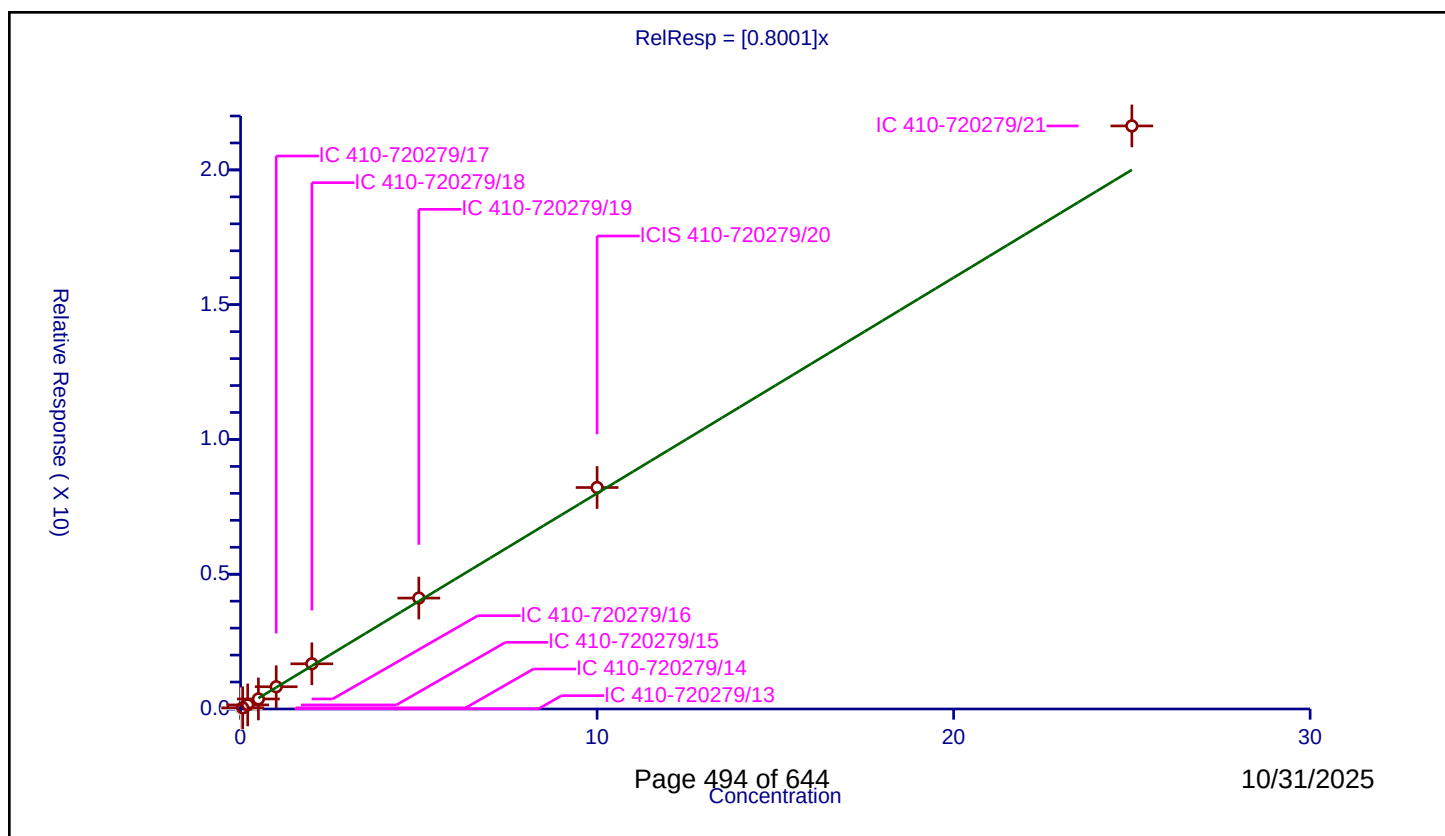
Curve Coefficients

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

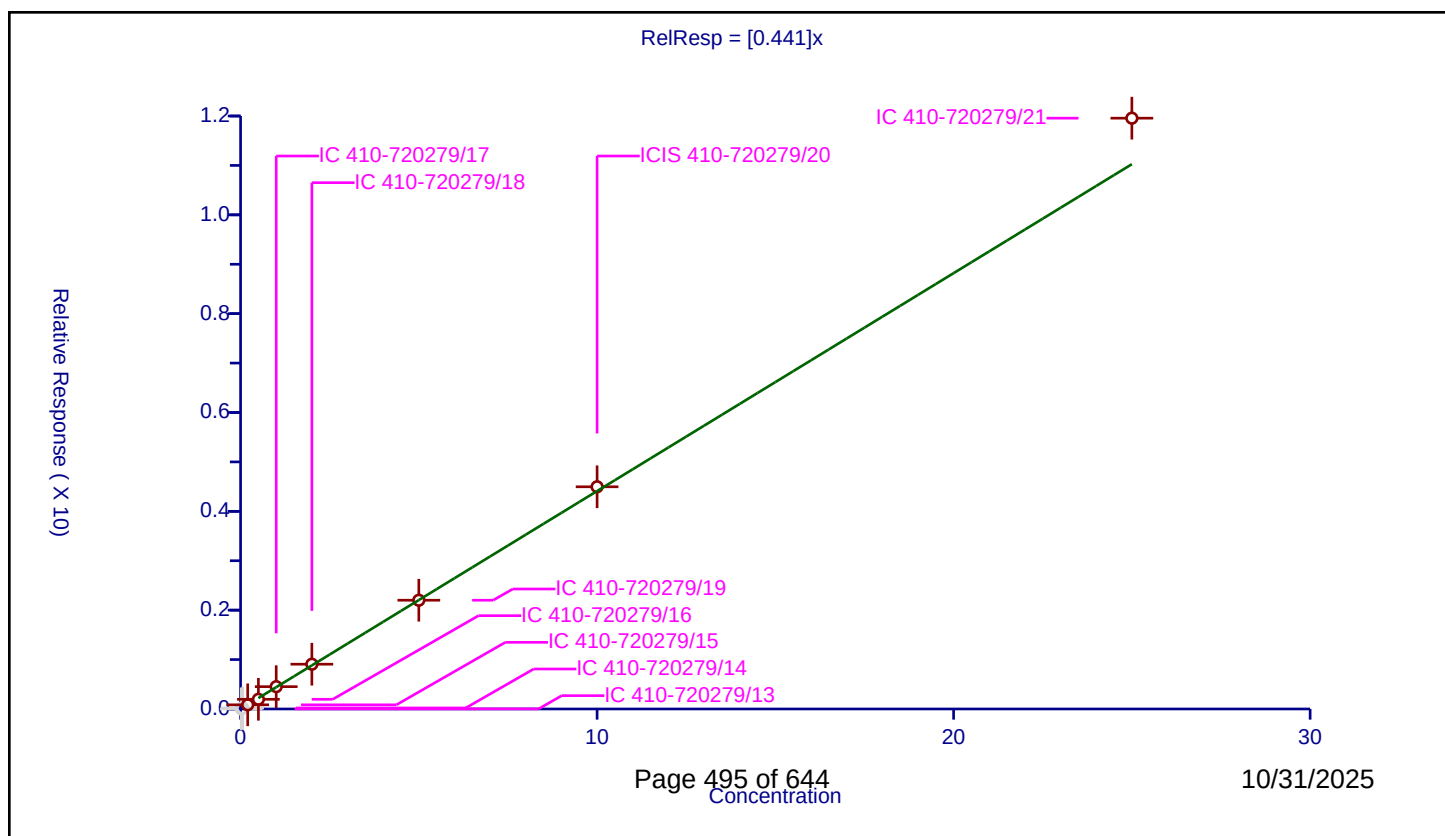
Curve Coefficients

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

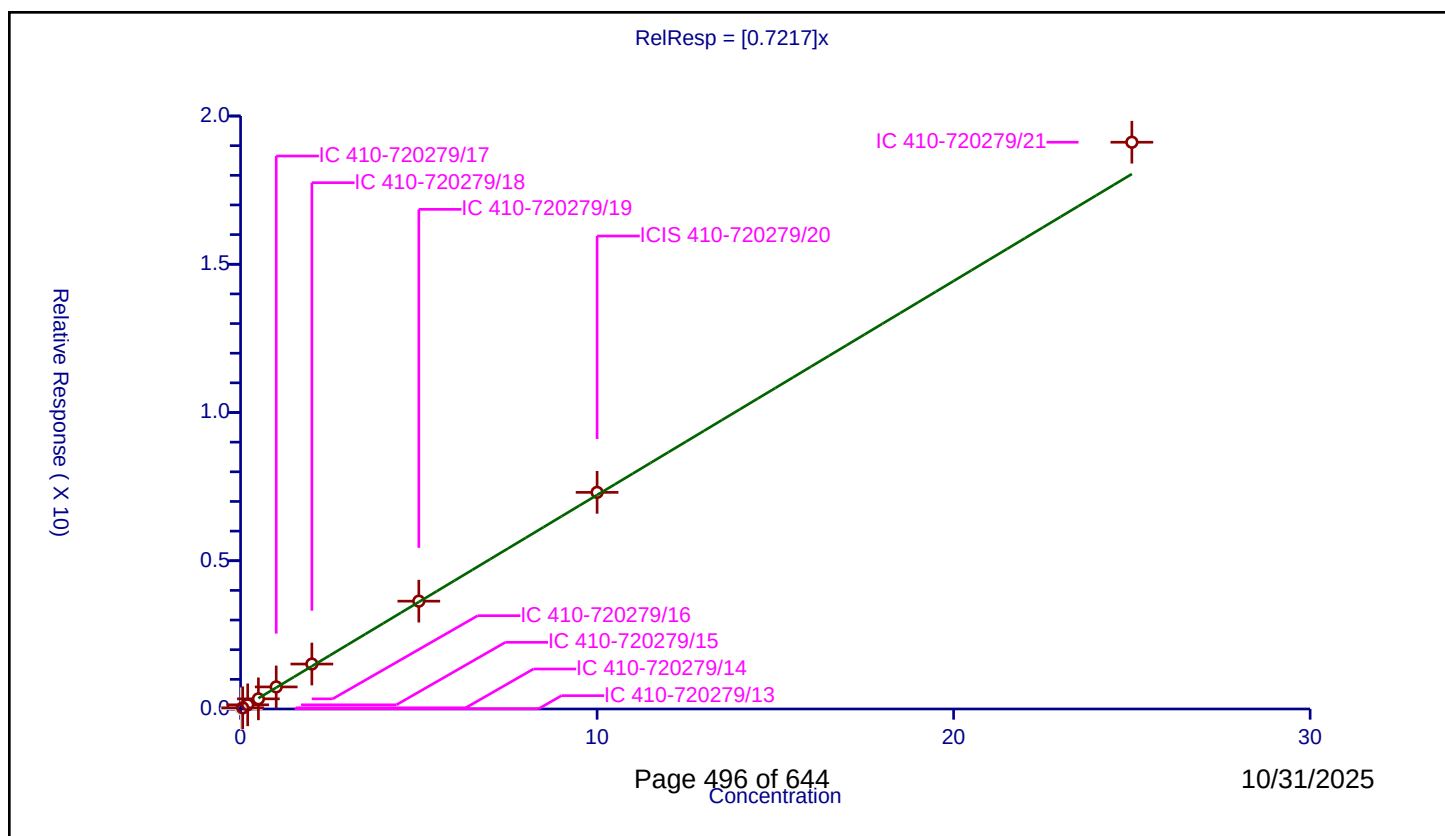
Curve Coefficients

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

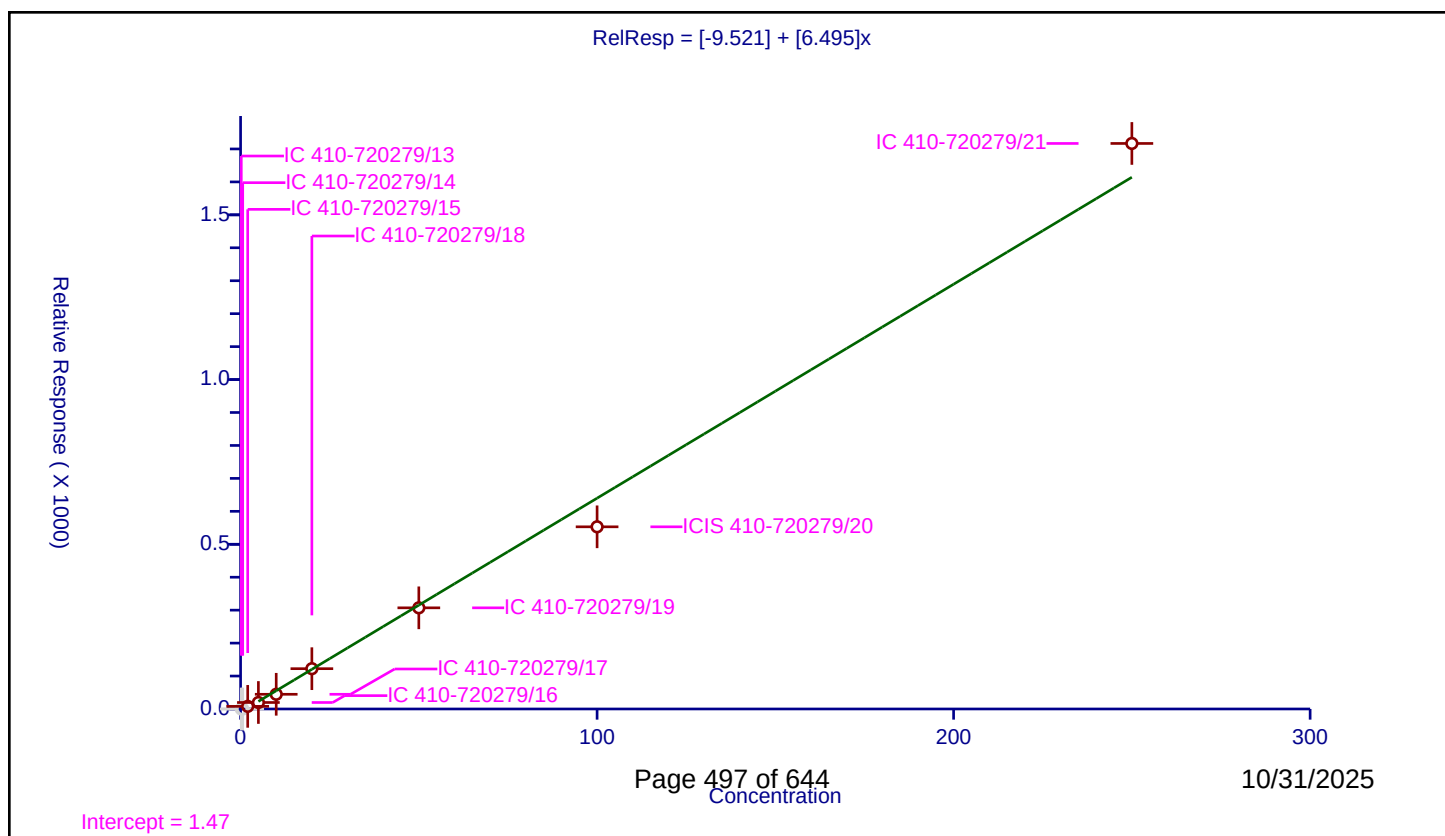
Curve Coefficients

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

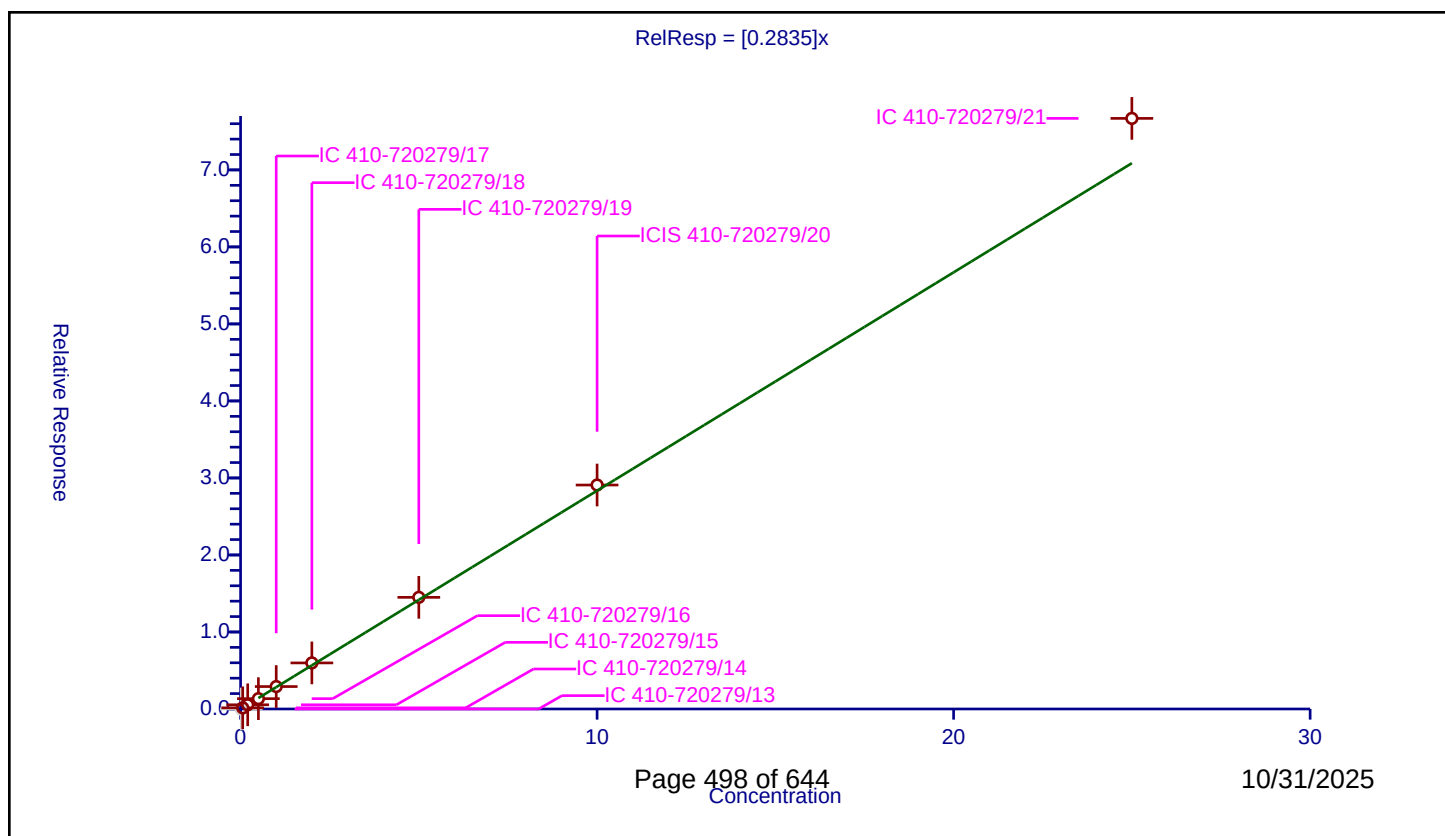
Curve Coefficients

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

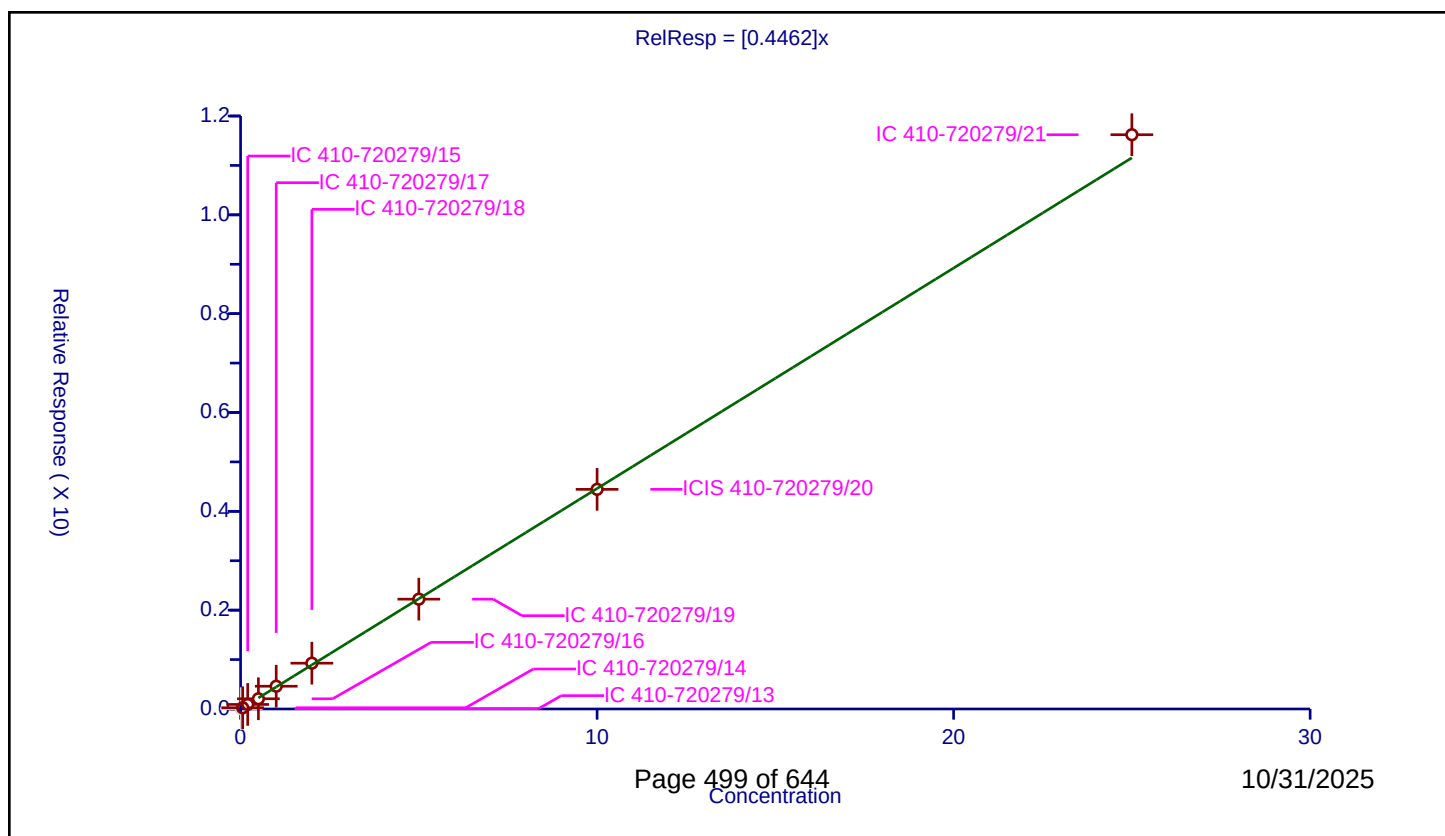
Curve Coefficients

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

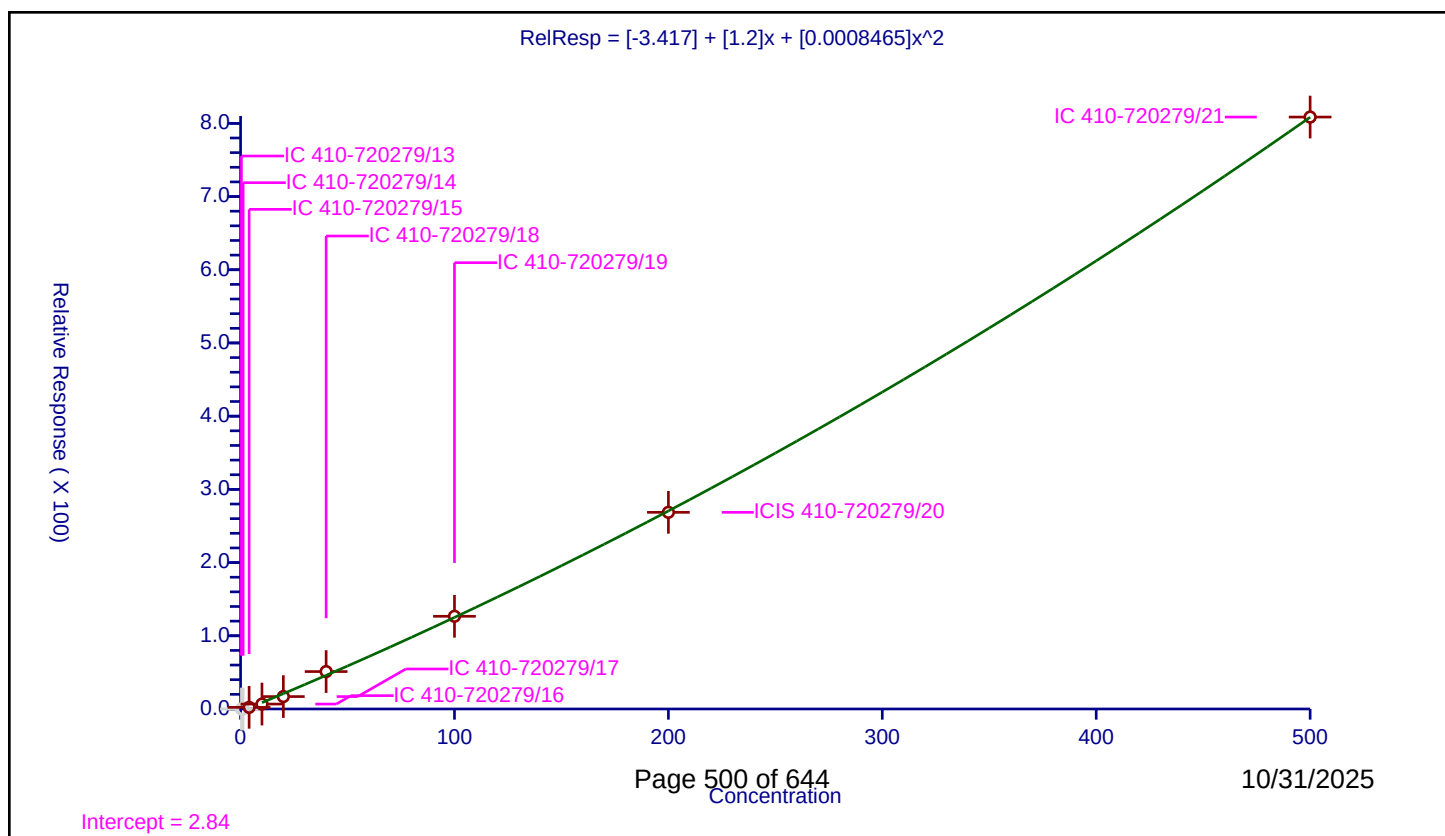
Curve Coefficients

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

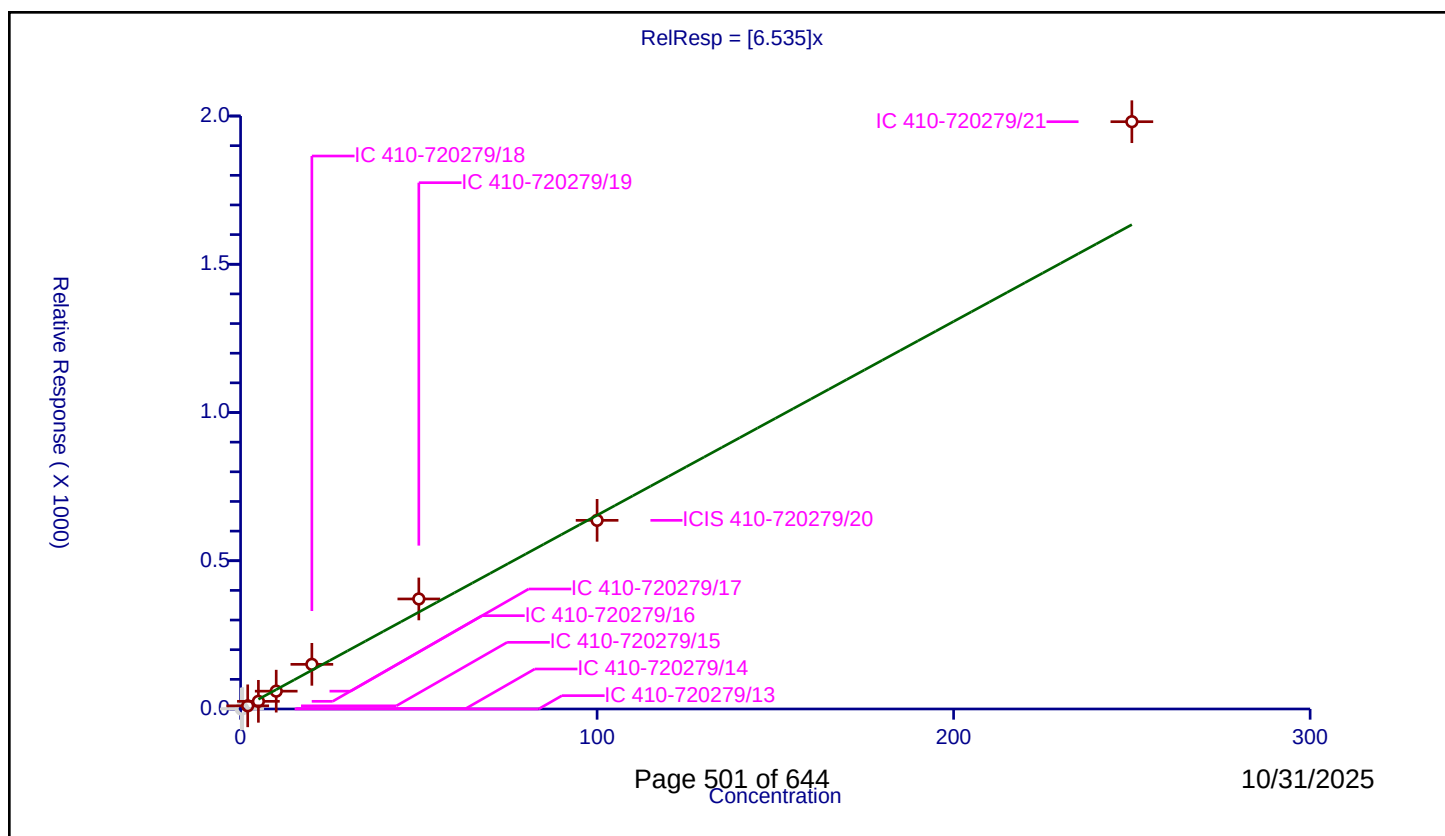
Curve Coefficients

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

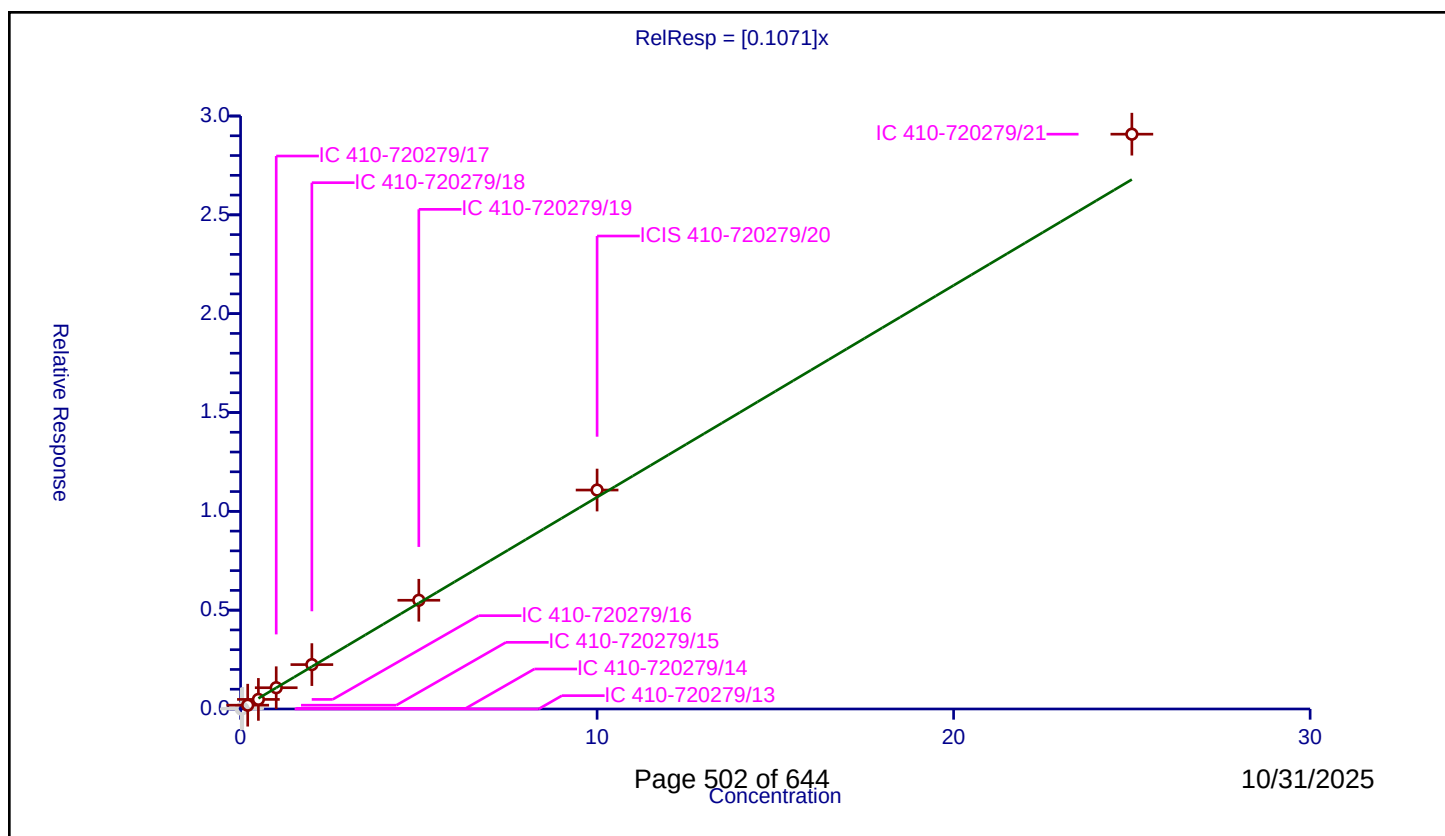
Curve Coefficients

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

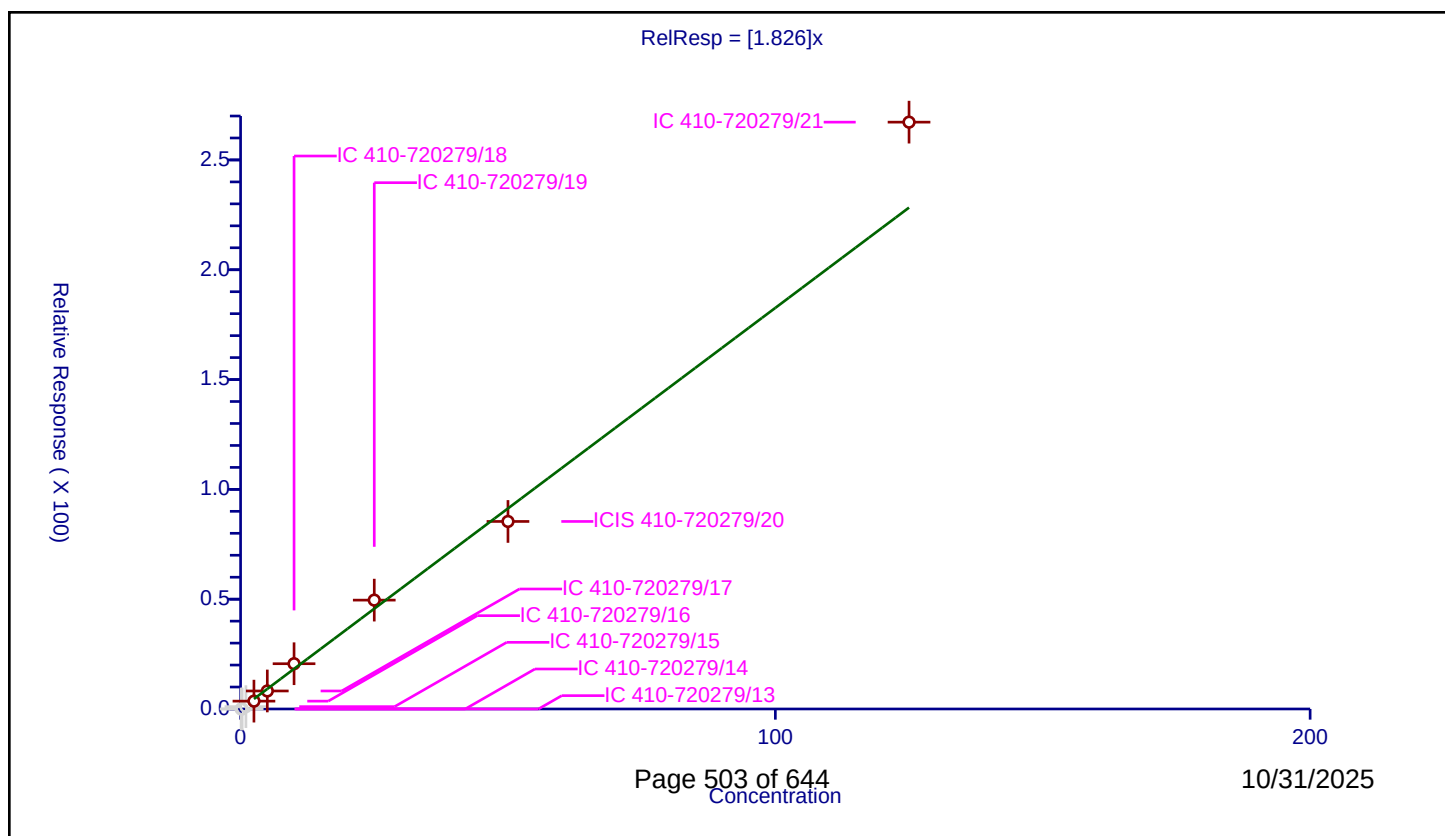
Curve Coefficients

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

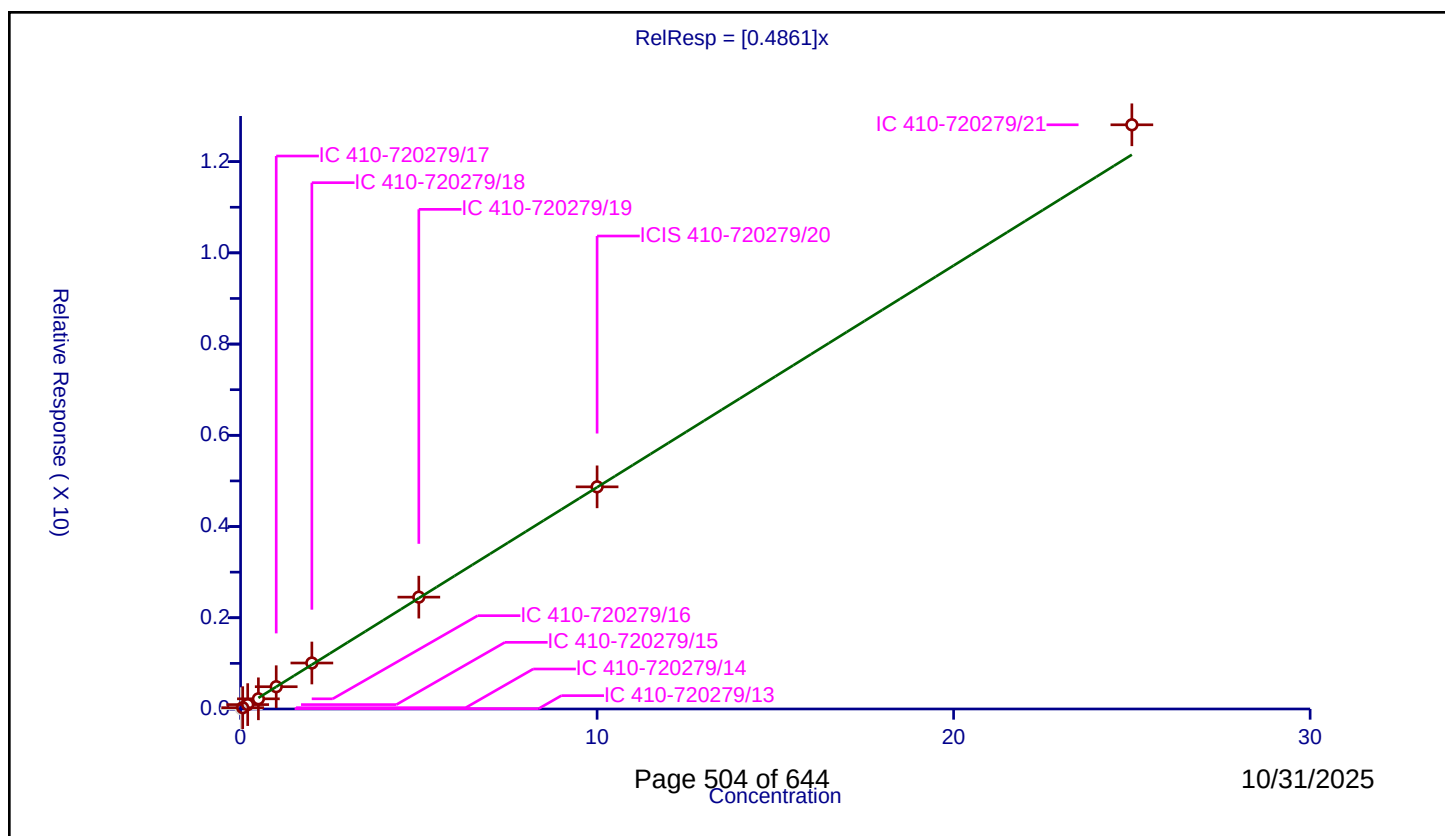
Curve Coefficients

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

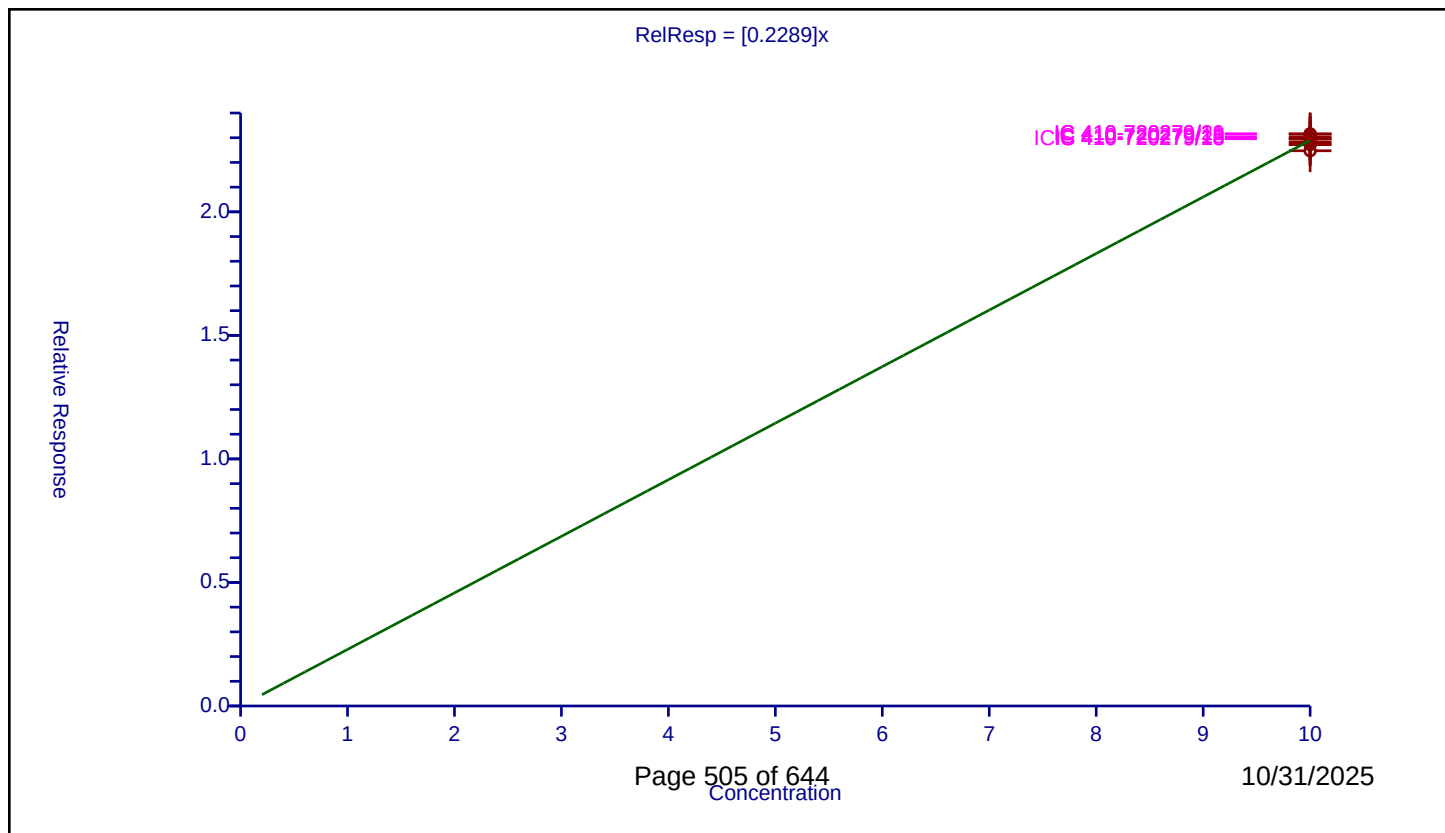
Curve Coefficients

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

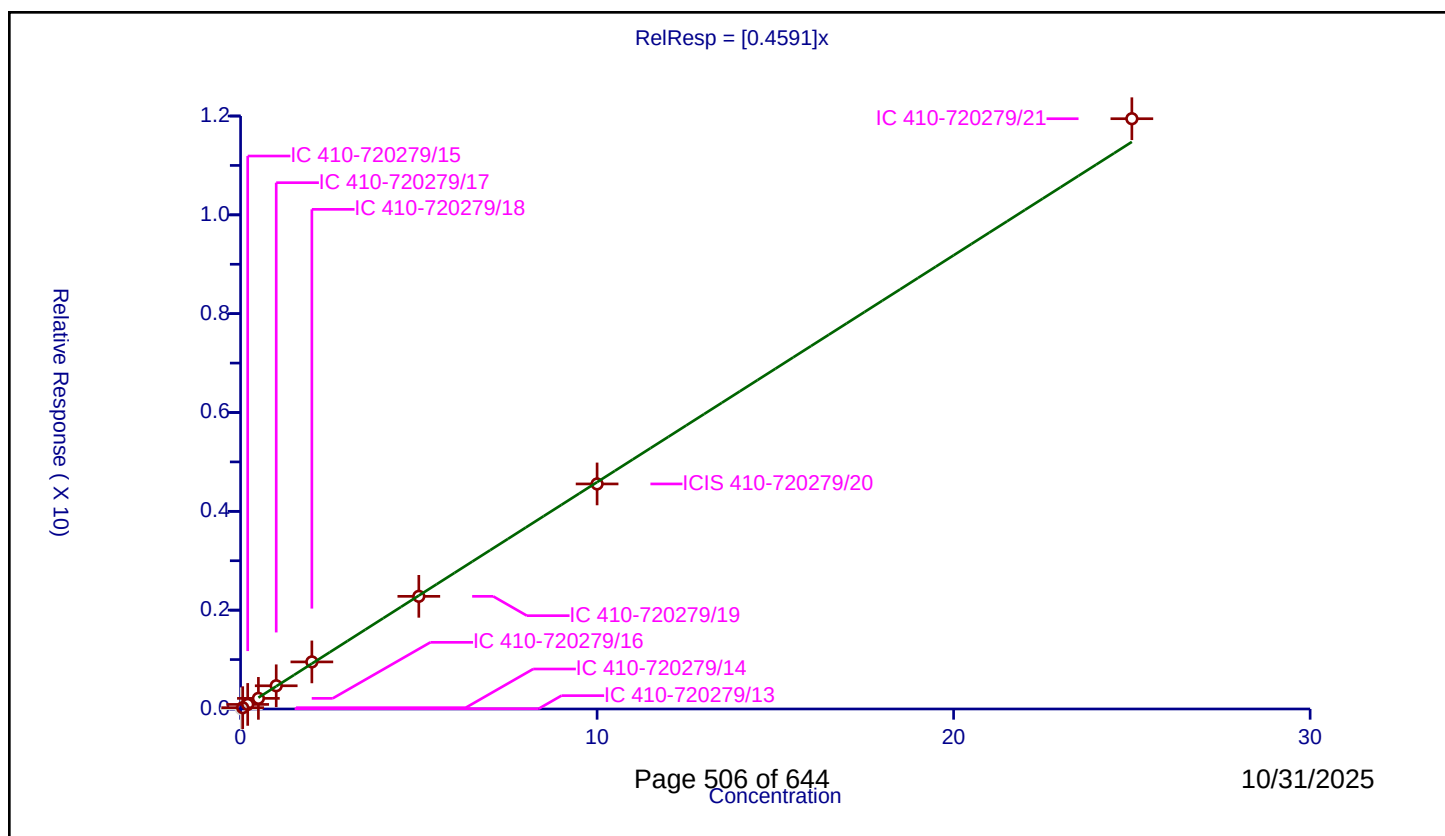
Curve Coefficients

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

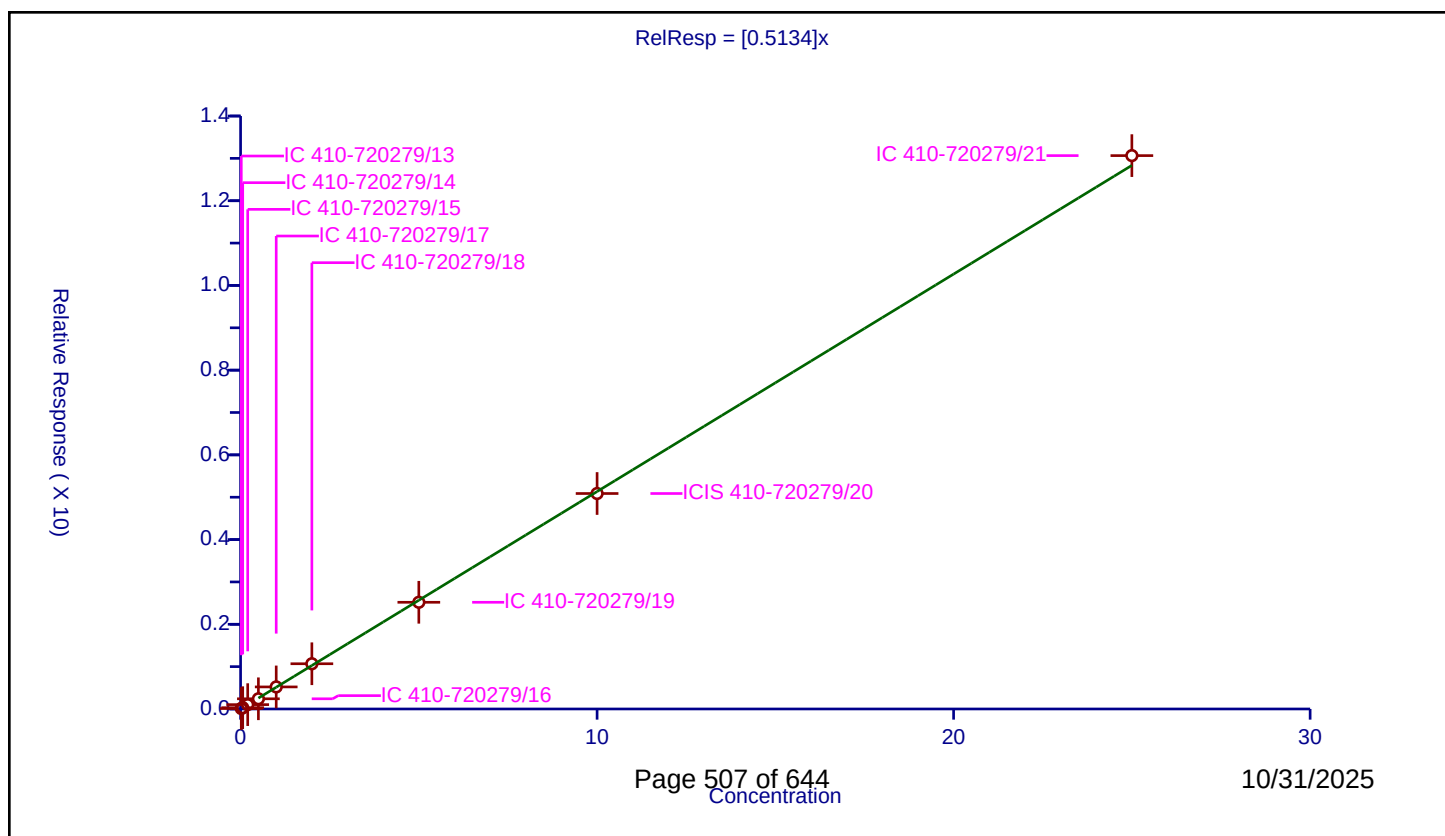
Curve Coefficients

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

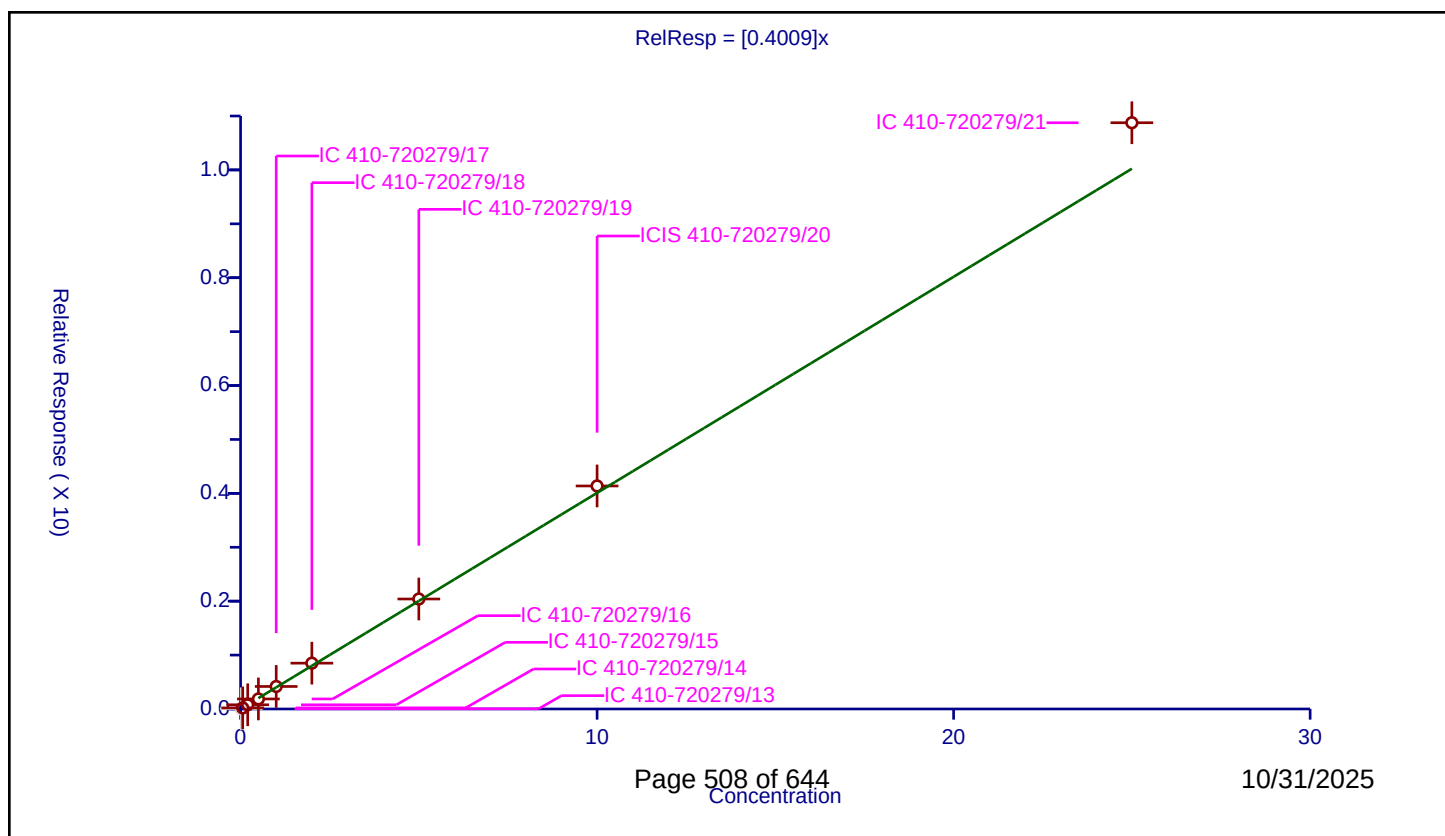
Curve Coefficients

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

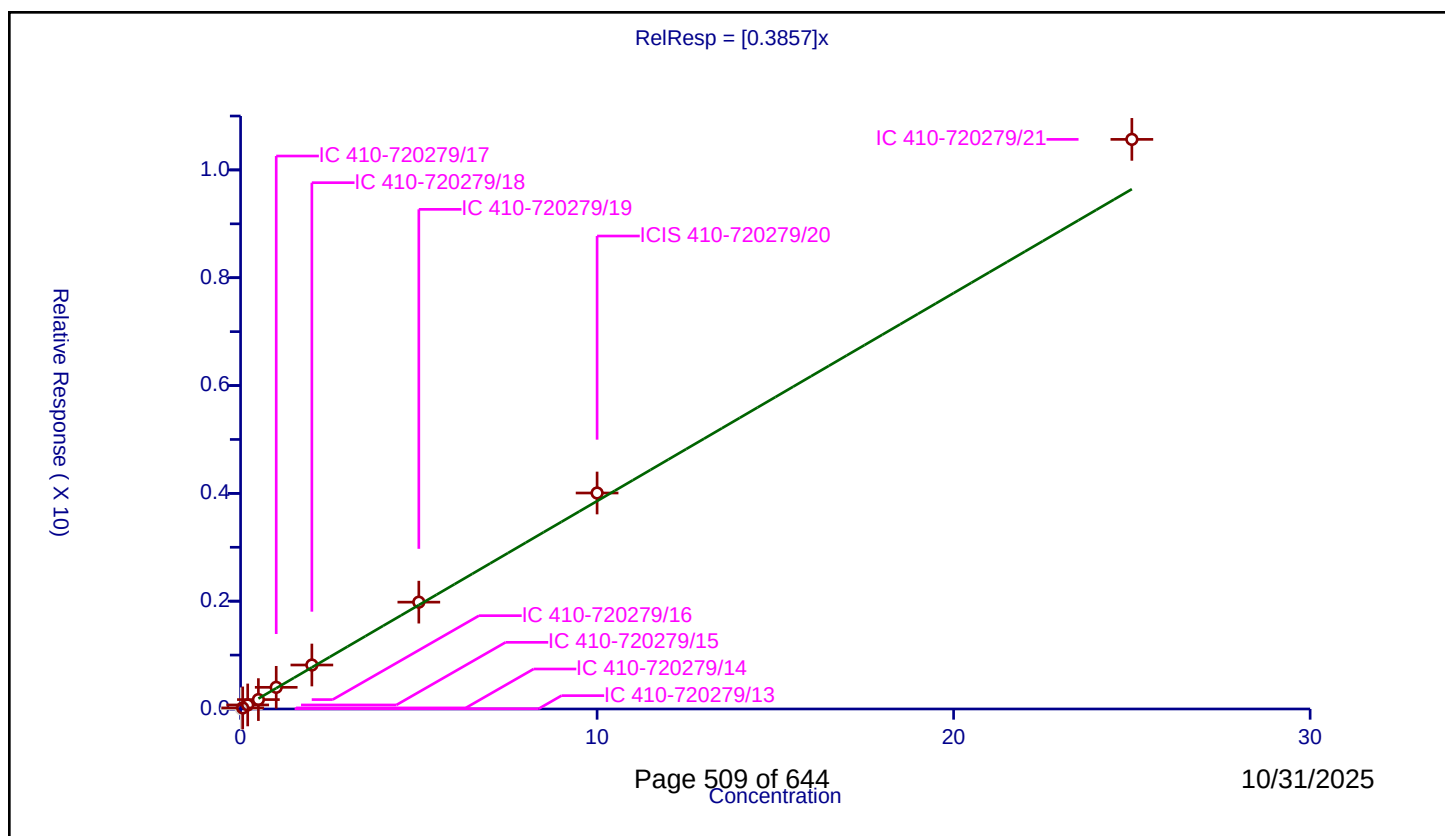
Curve Coefficients

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

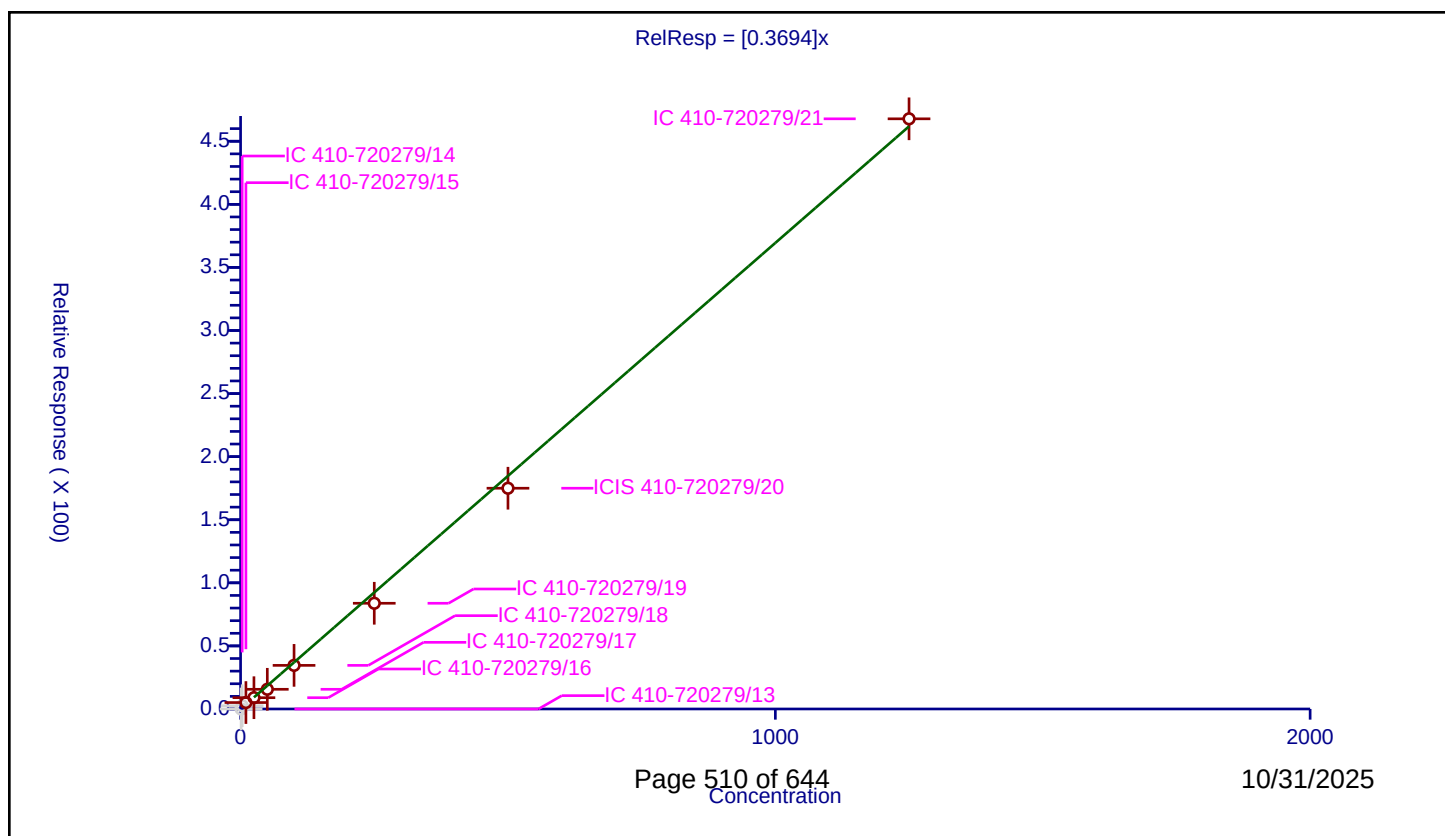
Curve Coefficients

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

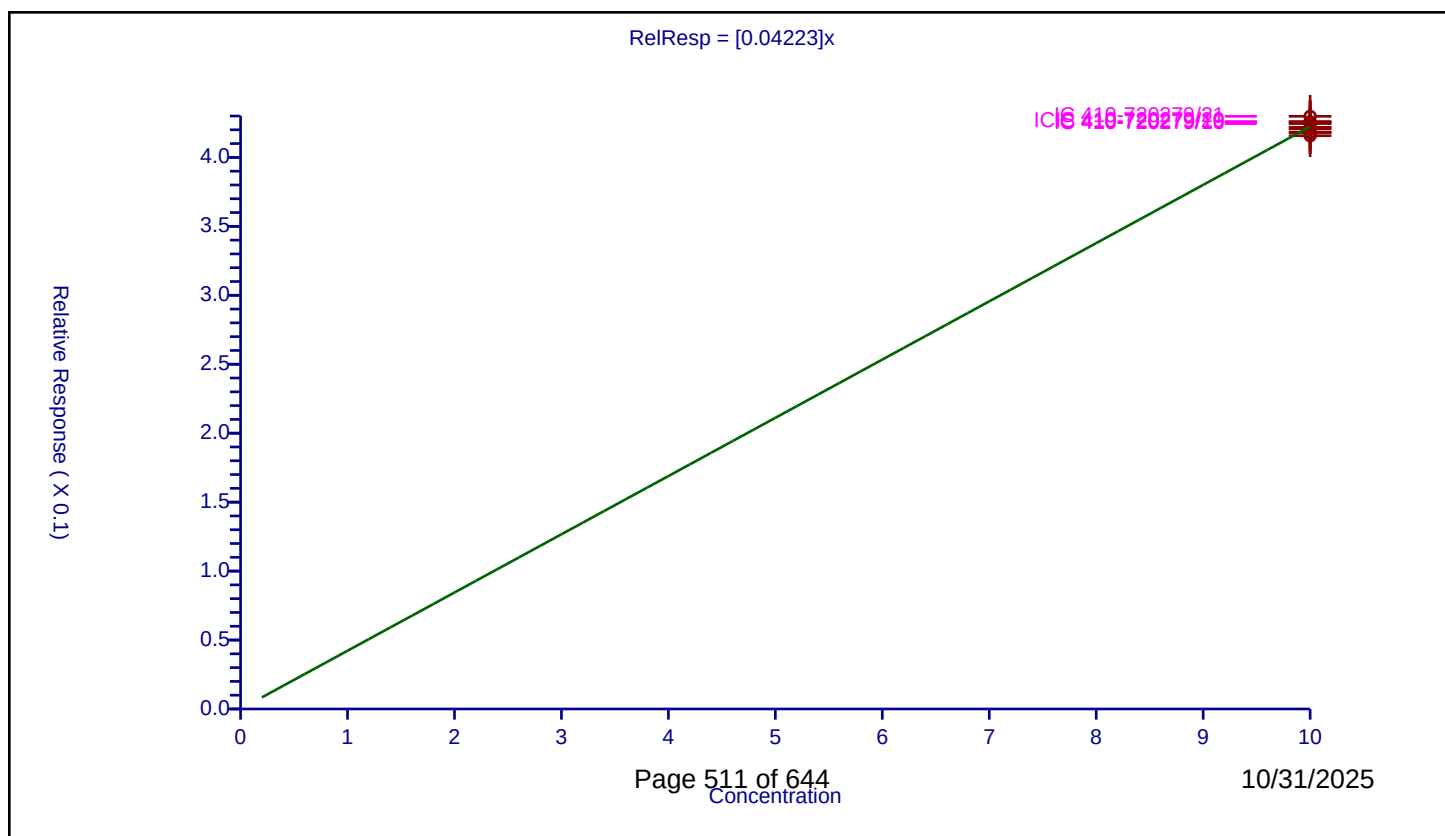
Curve Coefficients

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

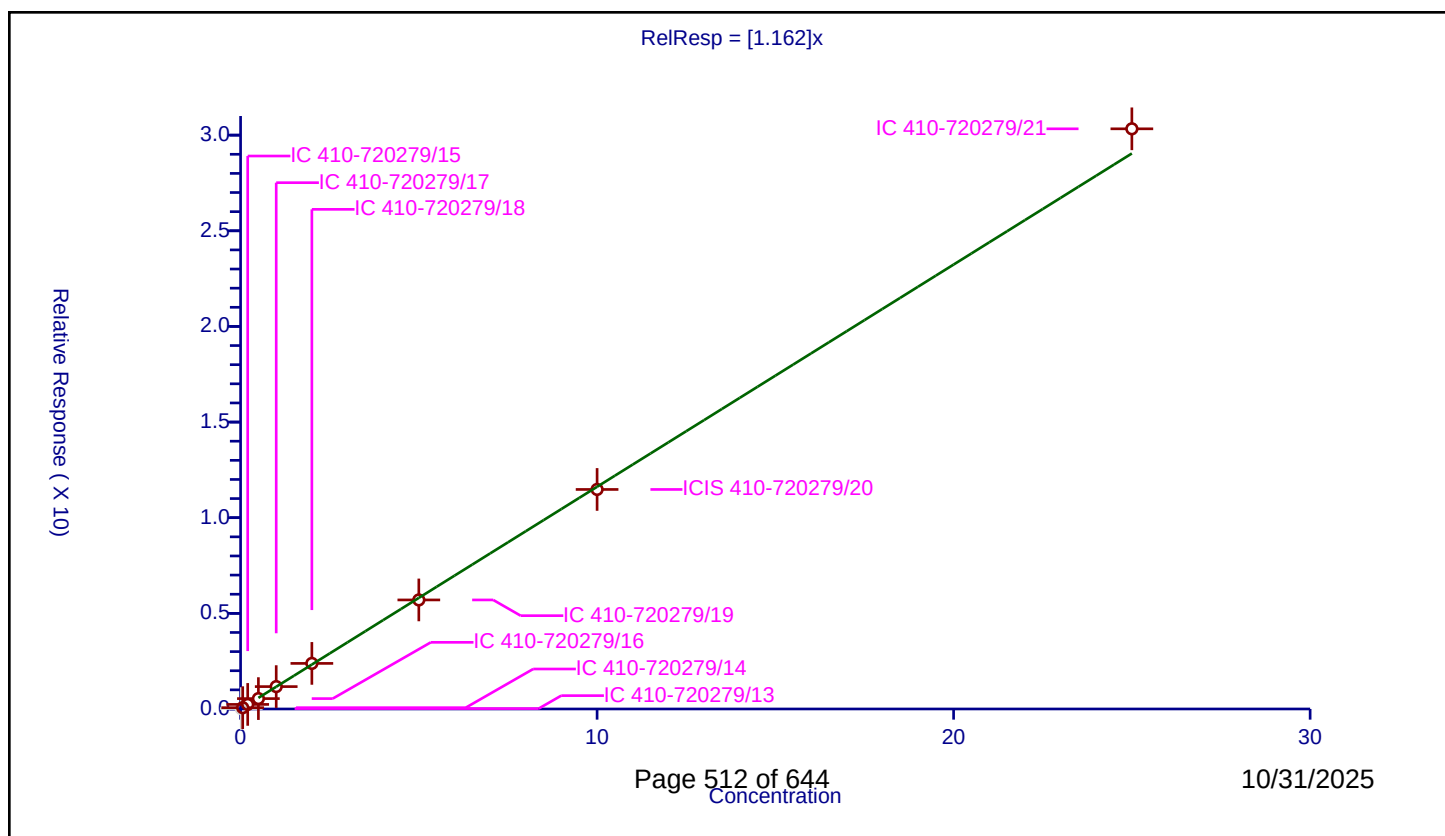
Curve Coefficients

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

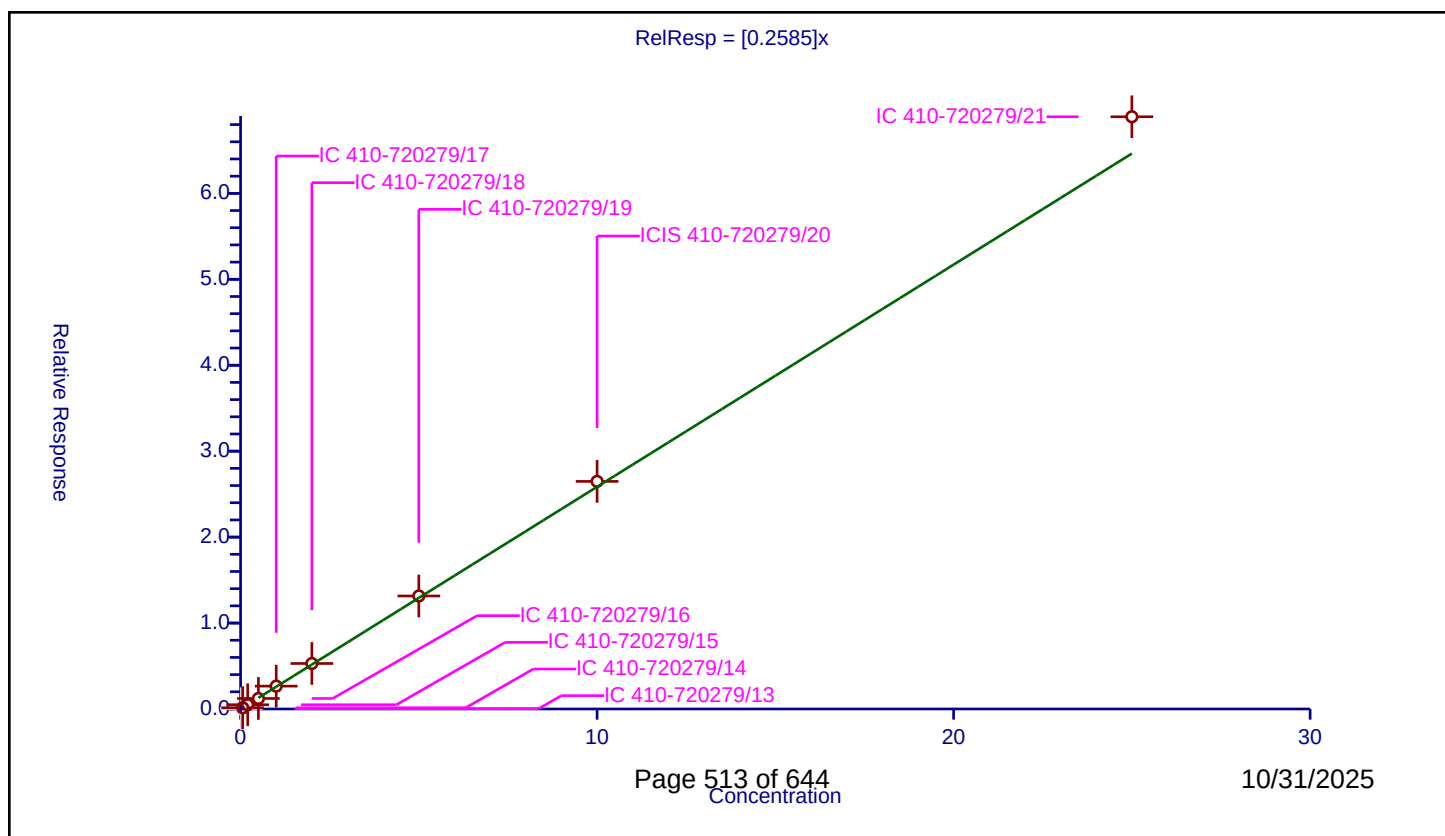
Curve Coefficients

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

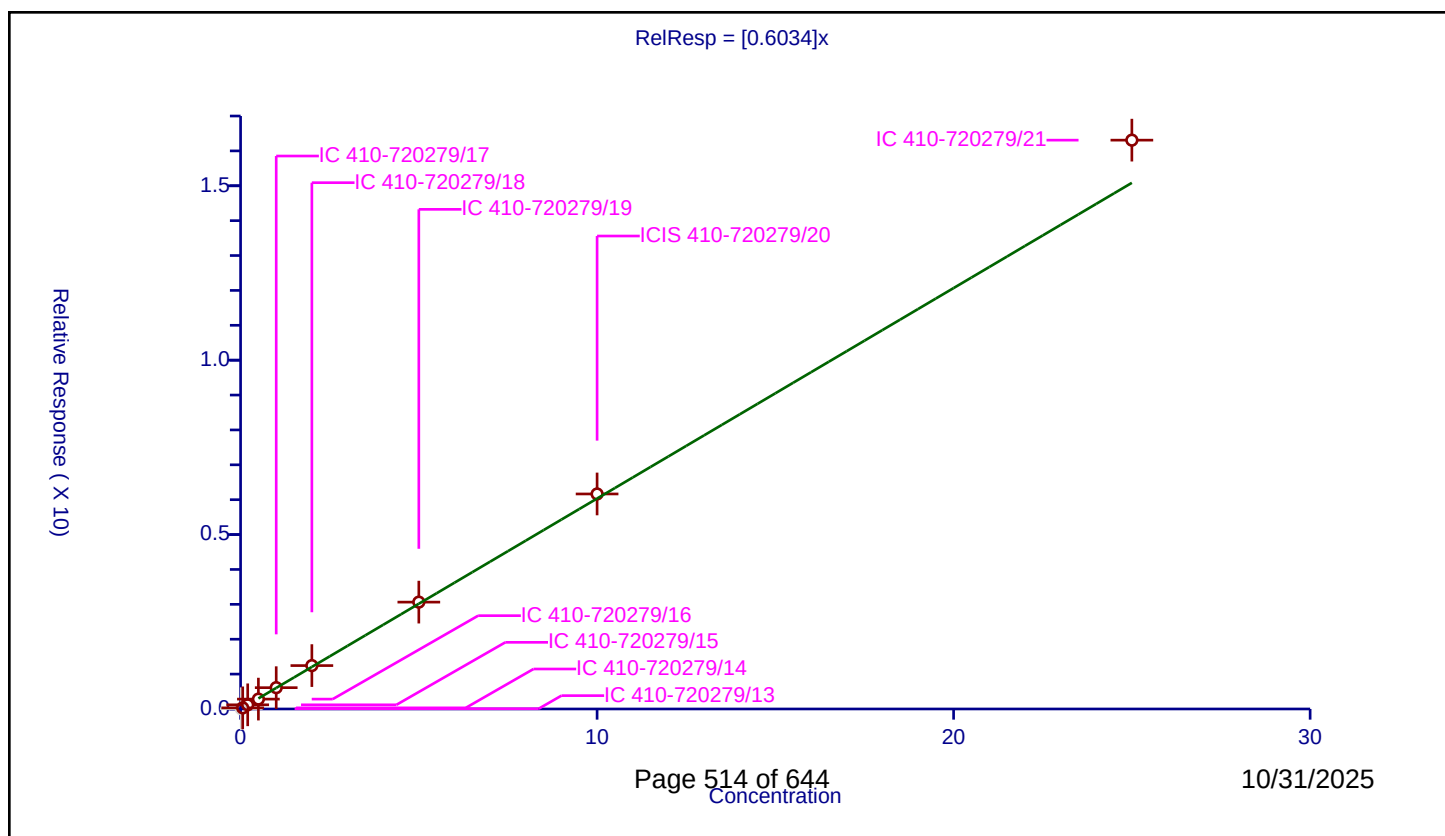
Curve Coefficients

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

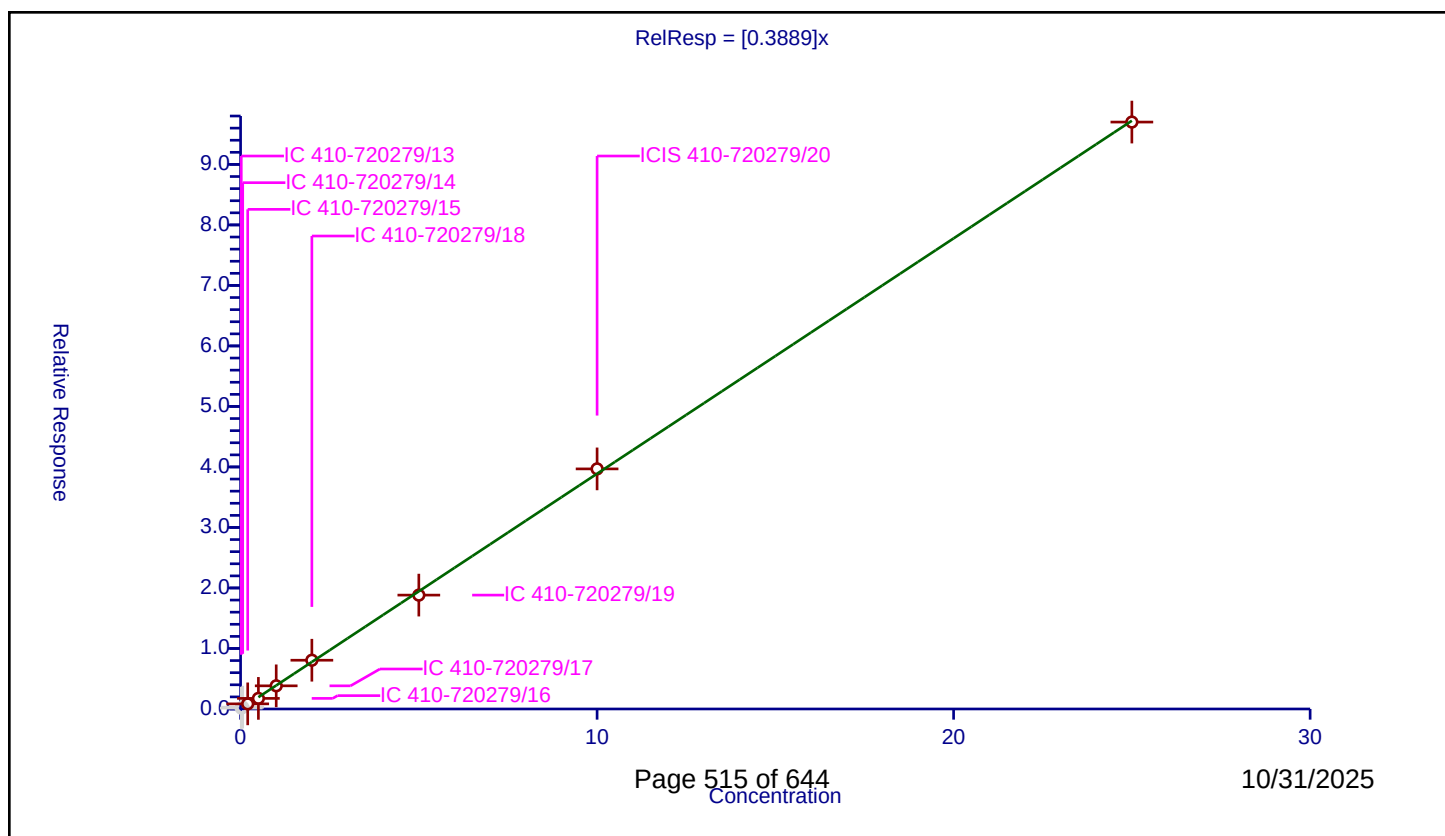
Curve Coefficients

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

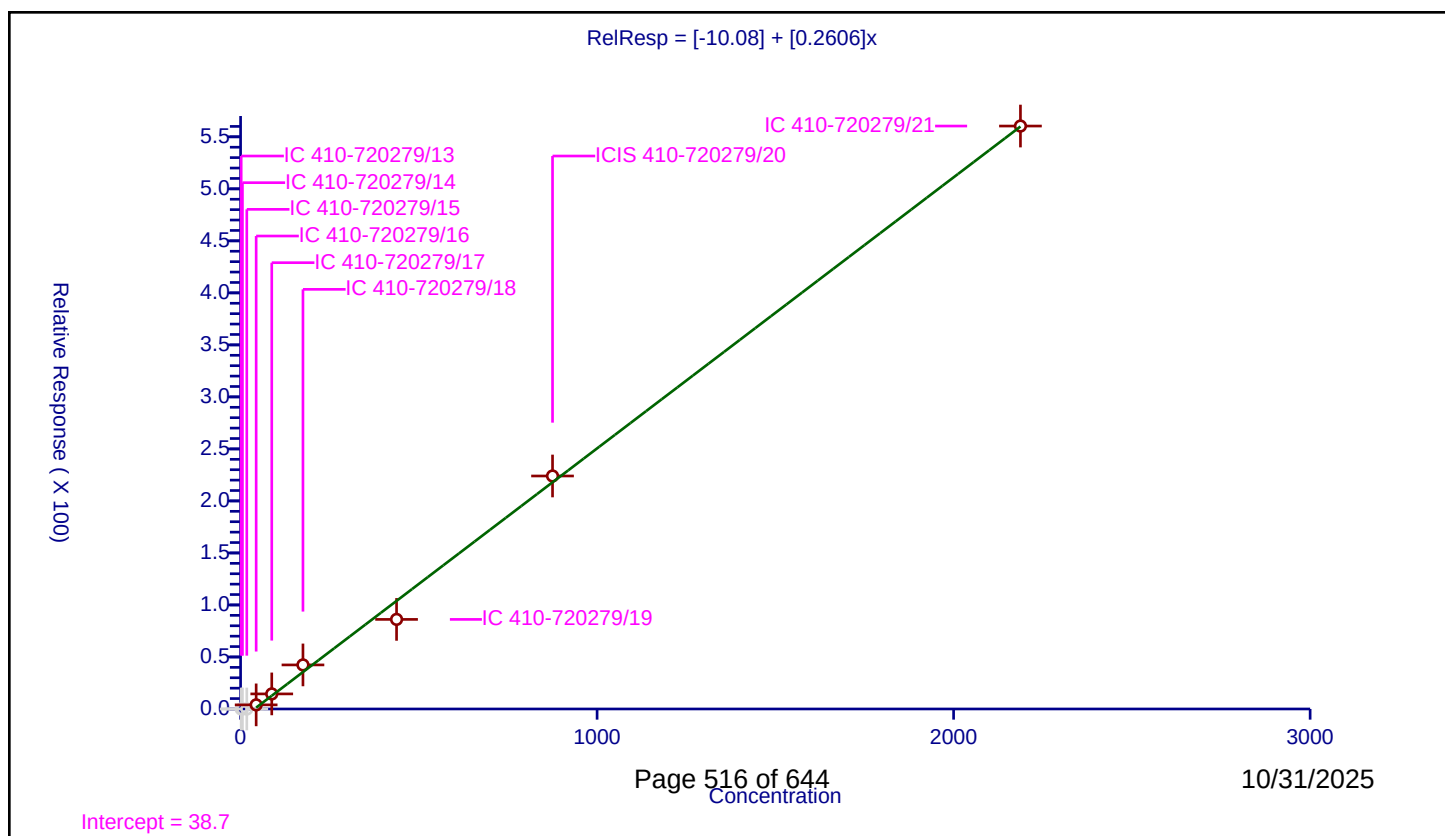
Curve Coefficients

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

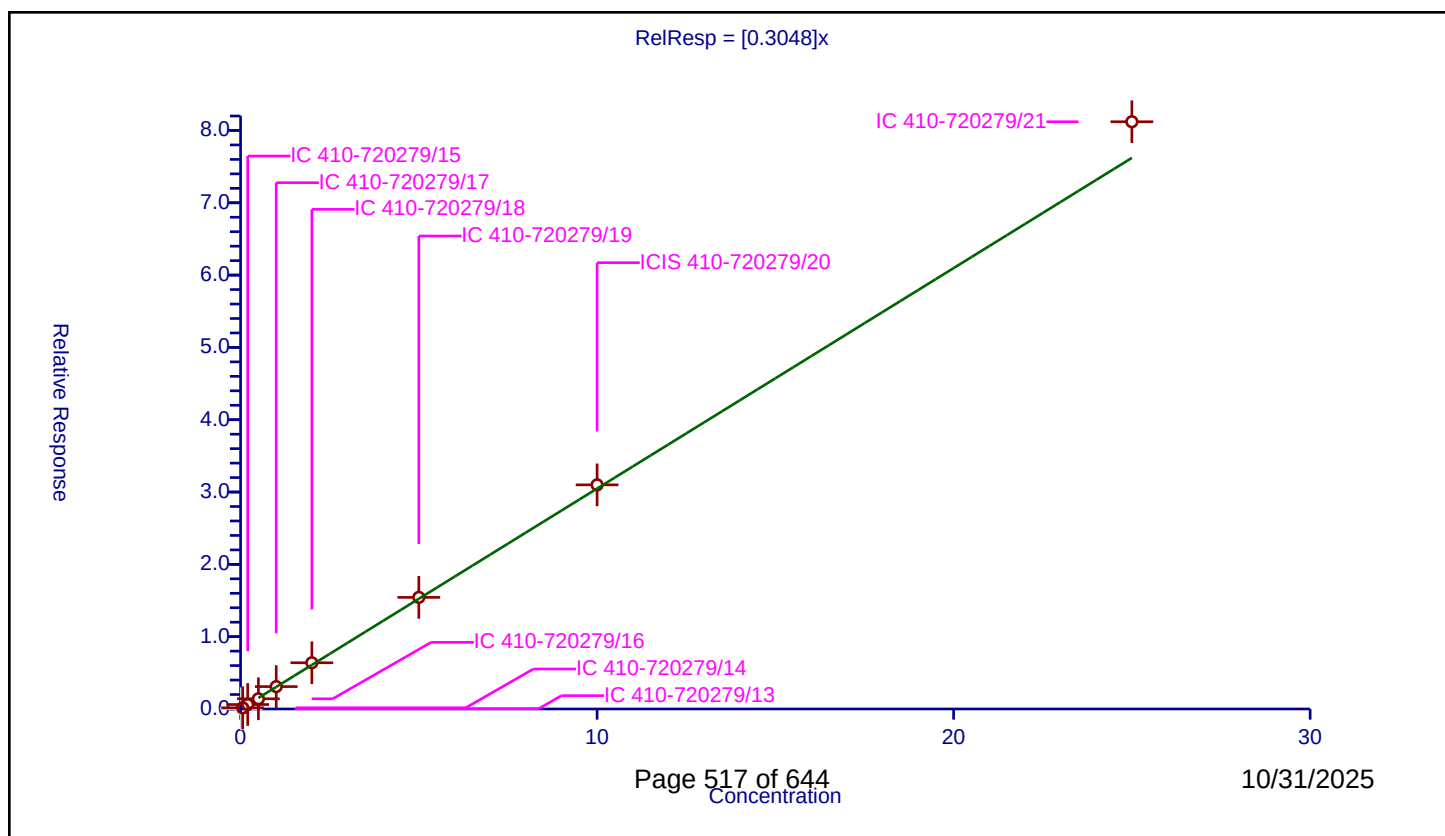
Curve Coefficients

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

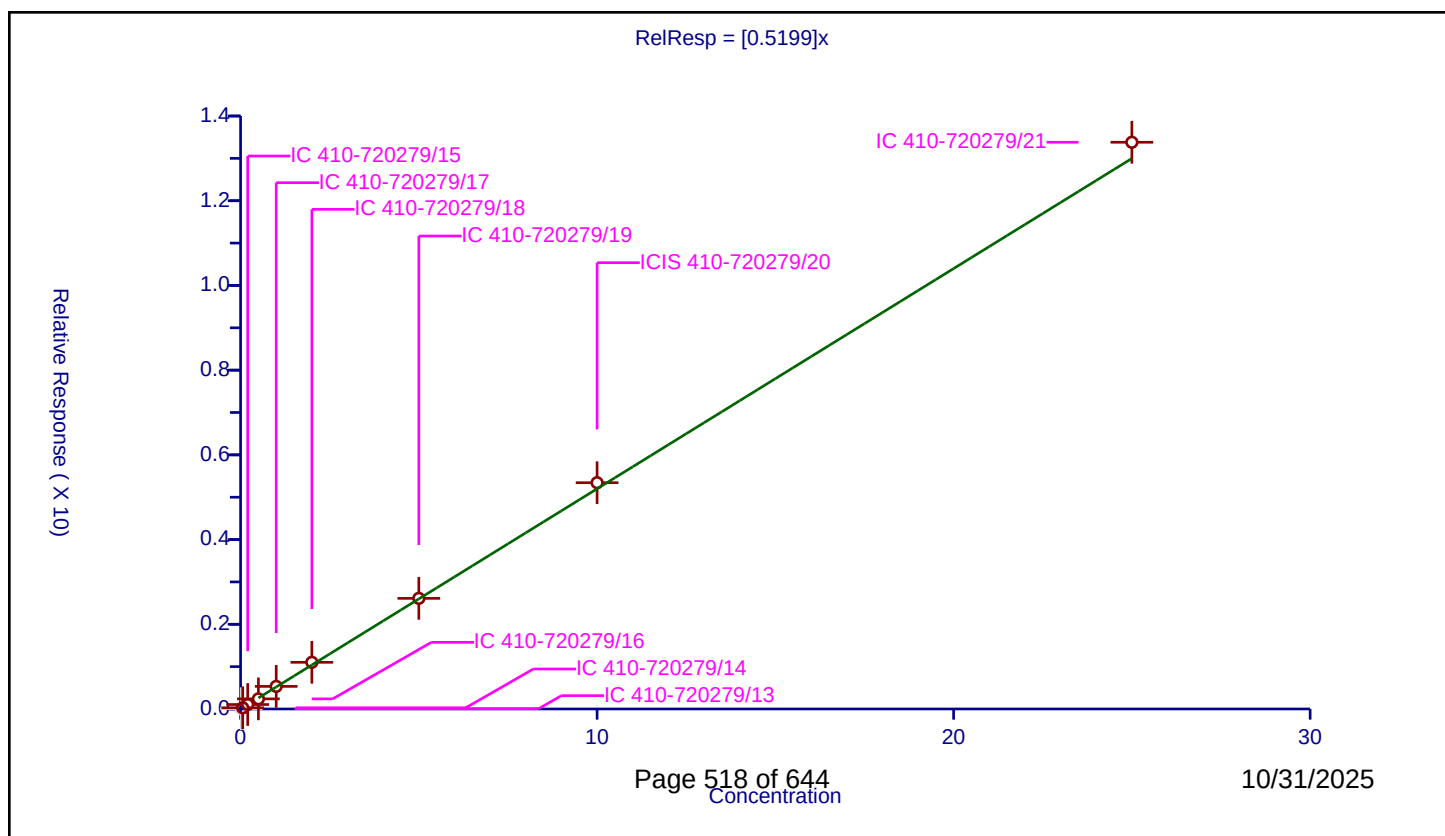
Curve Coefficients

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

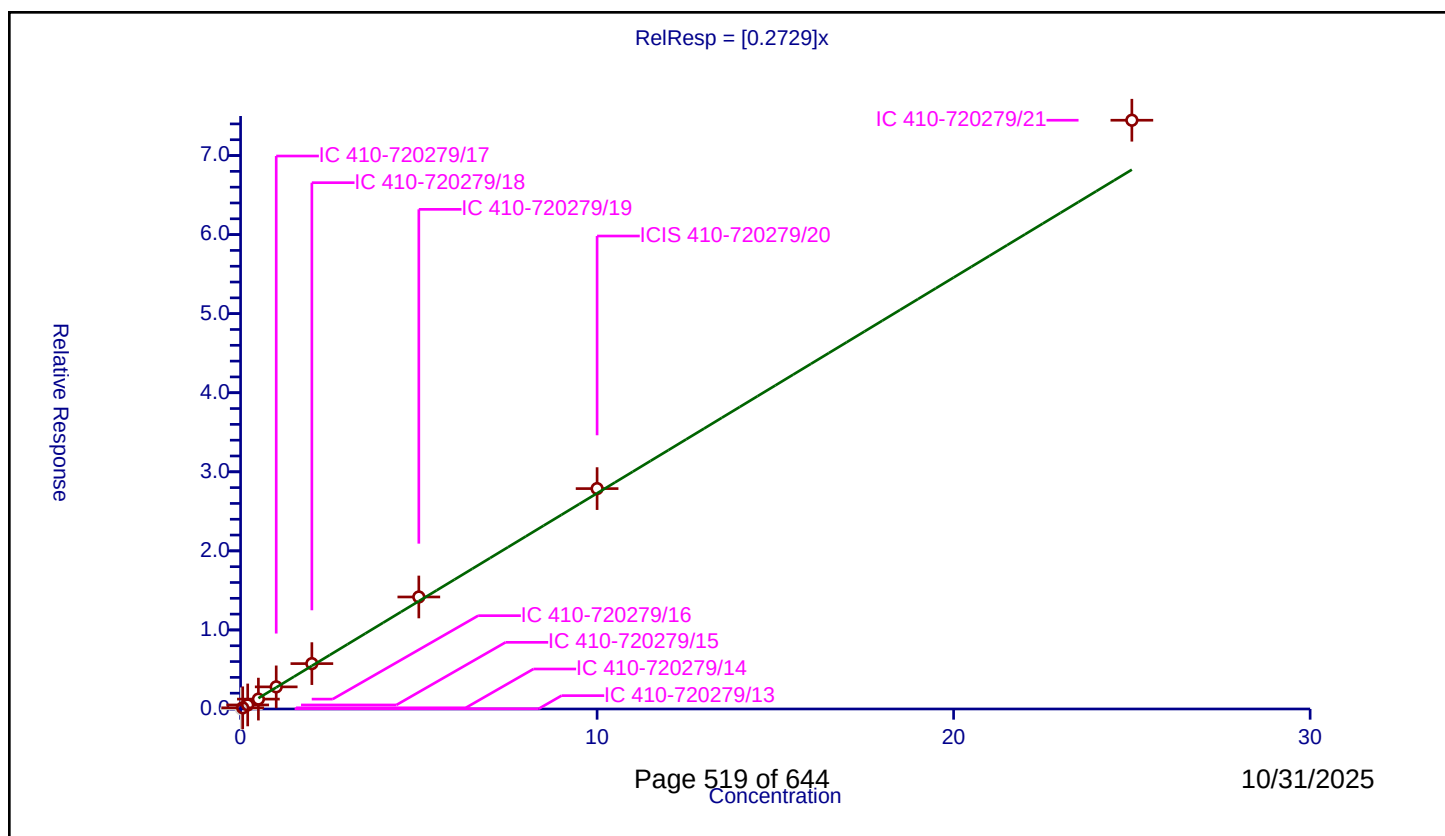
Curve Coefficients

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

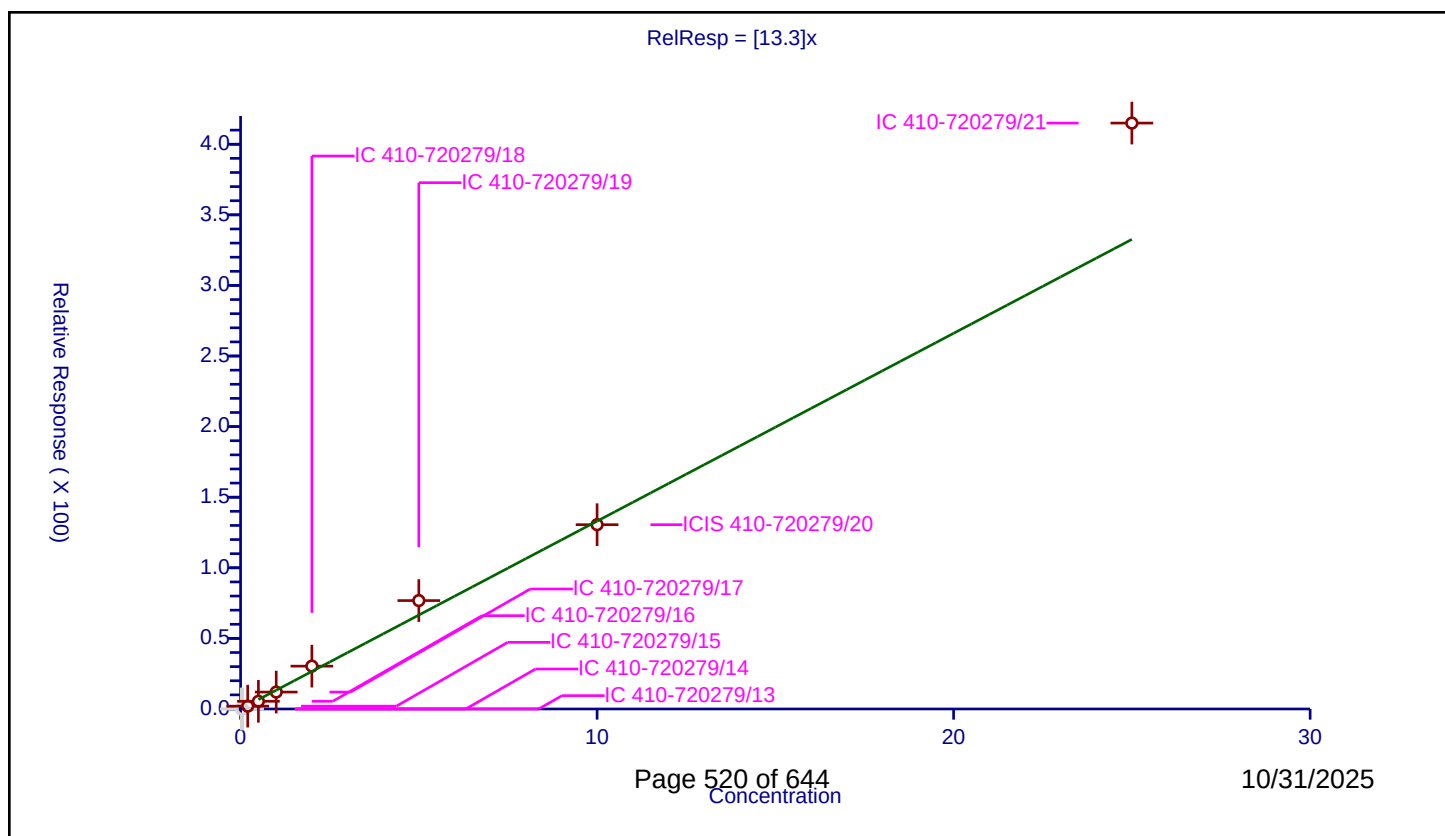
Curve Coefficients

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

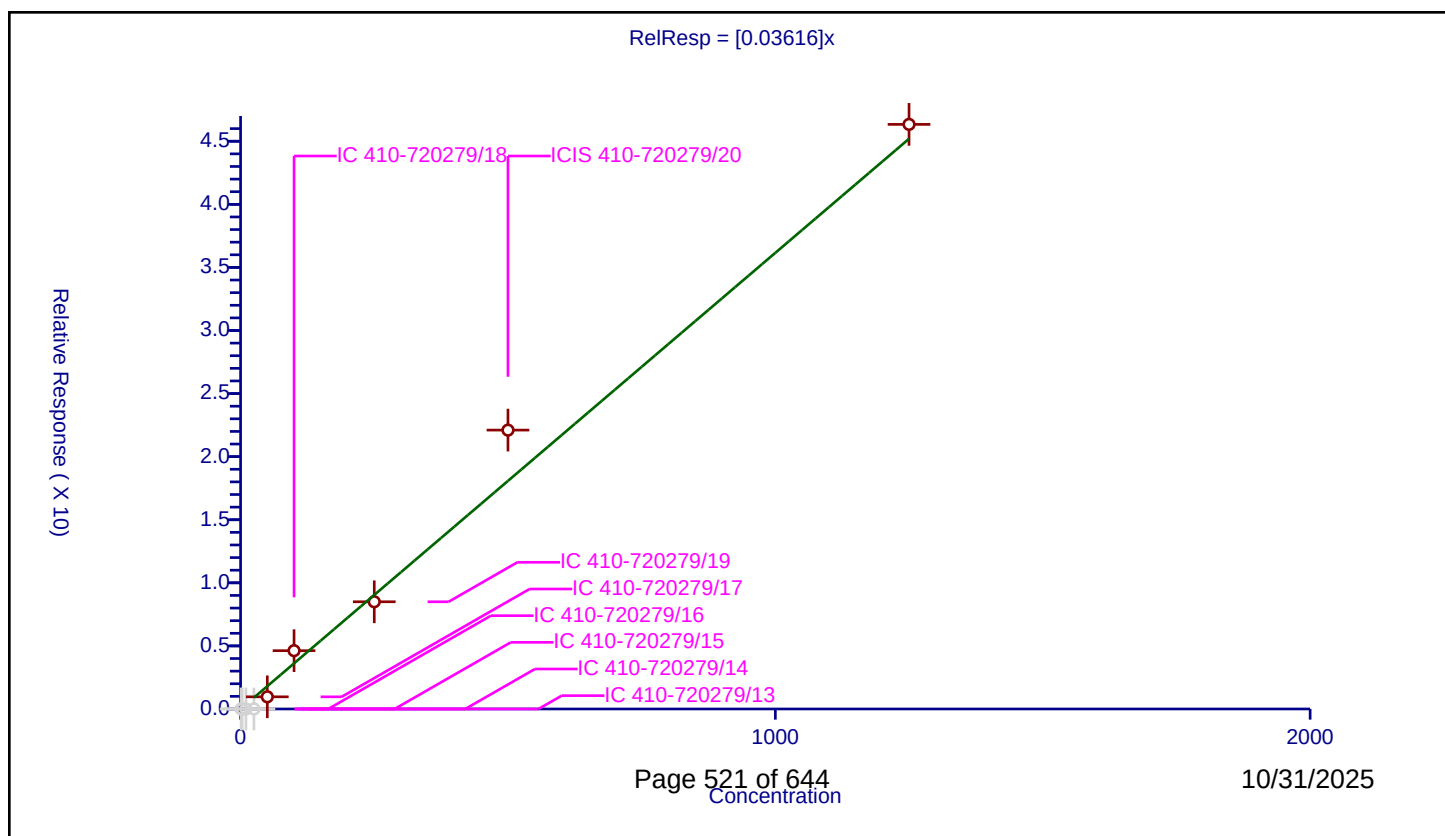
Curve Coefficients

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

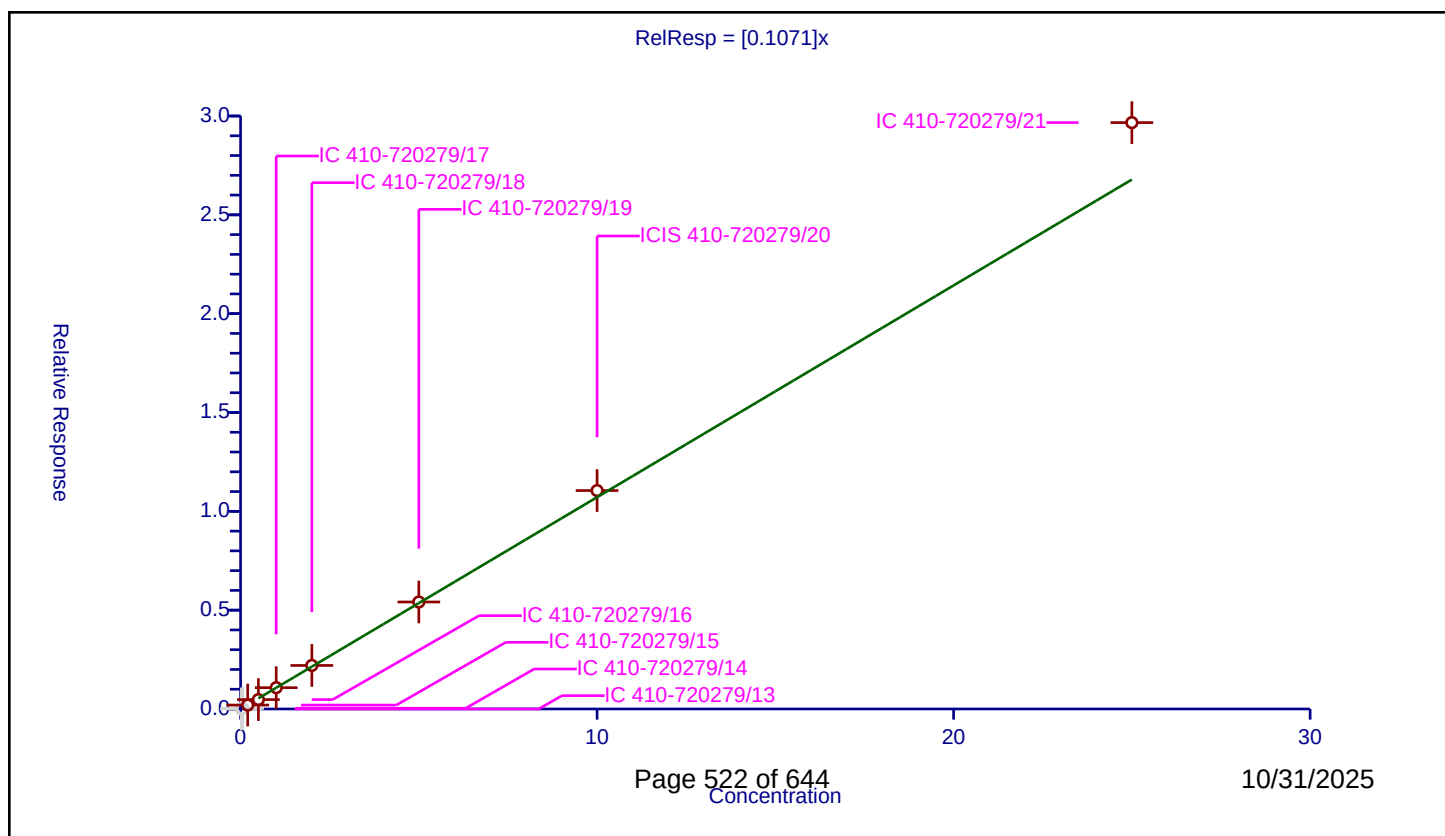
Curve Coefficients

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

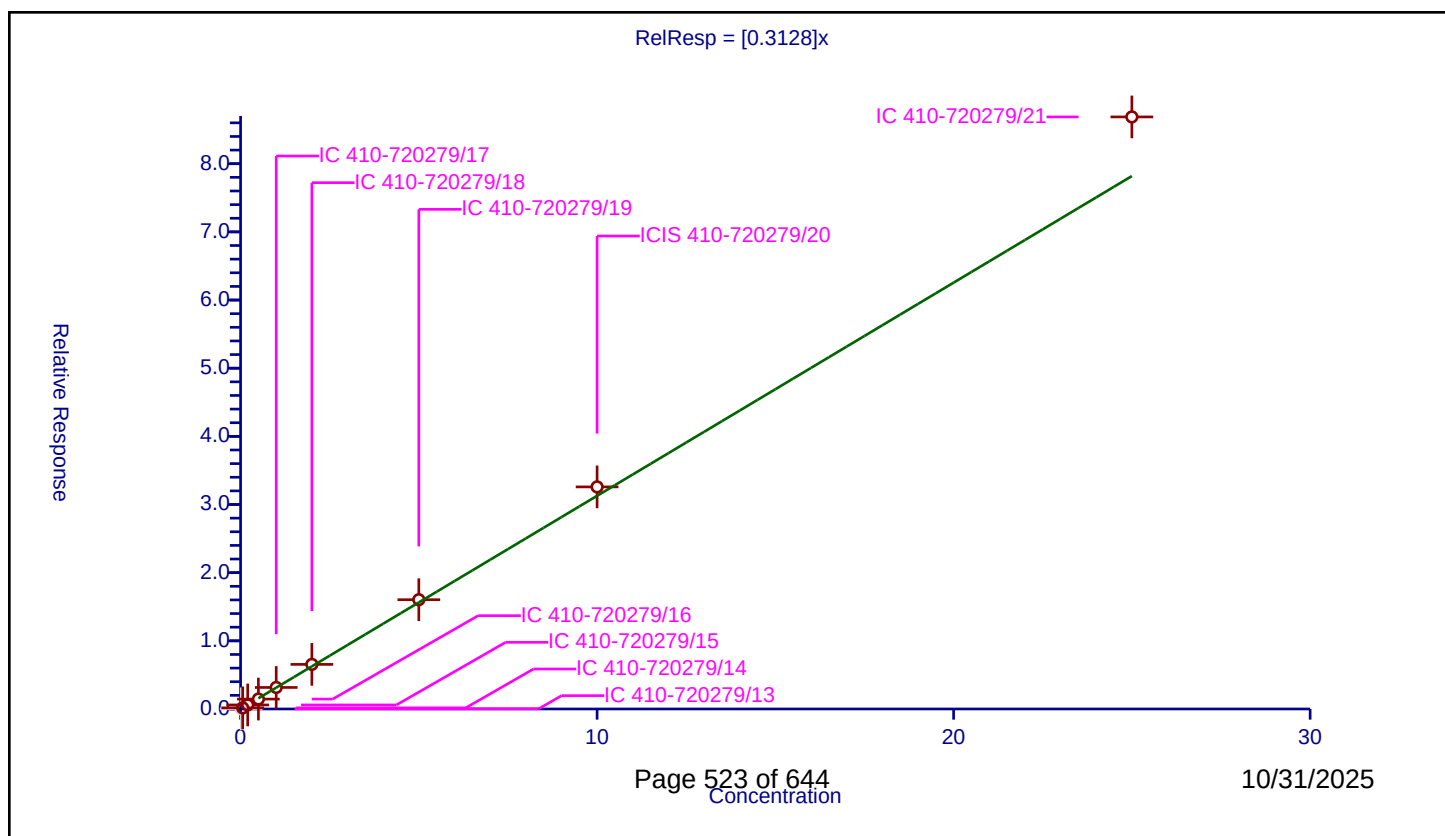
Curve Coefficients

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

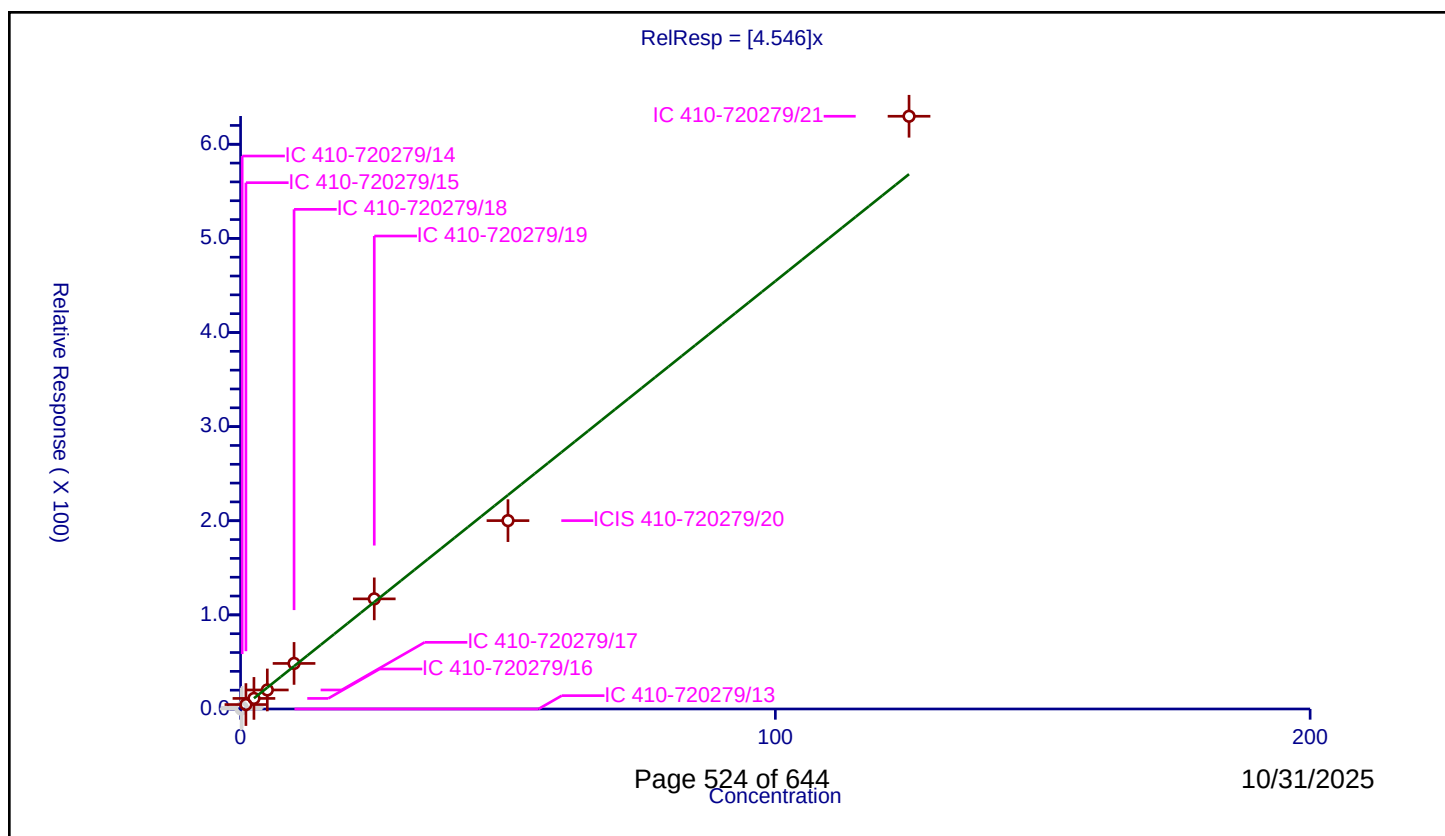
Curve Coefficients

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

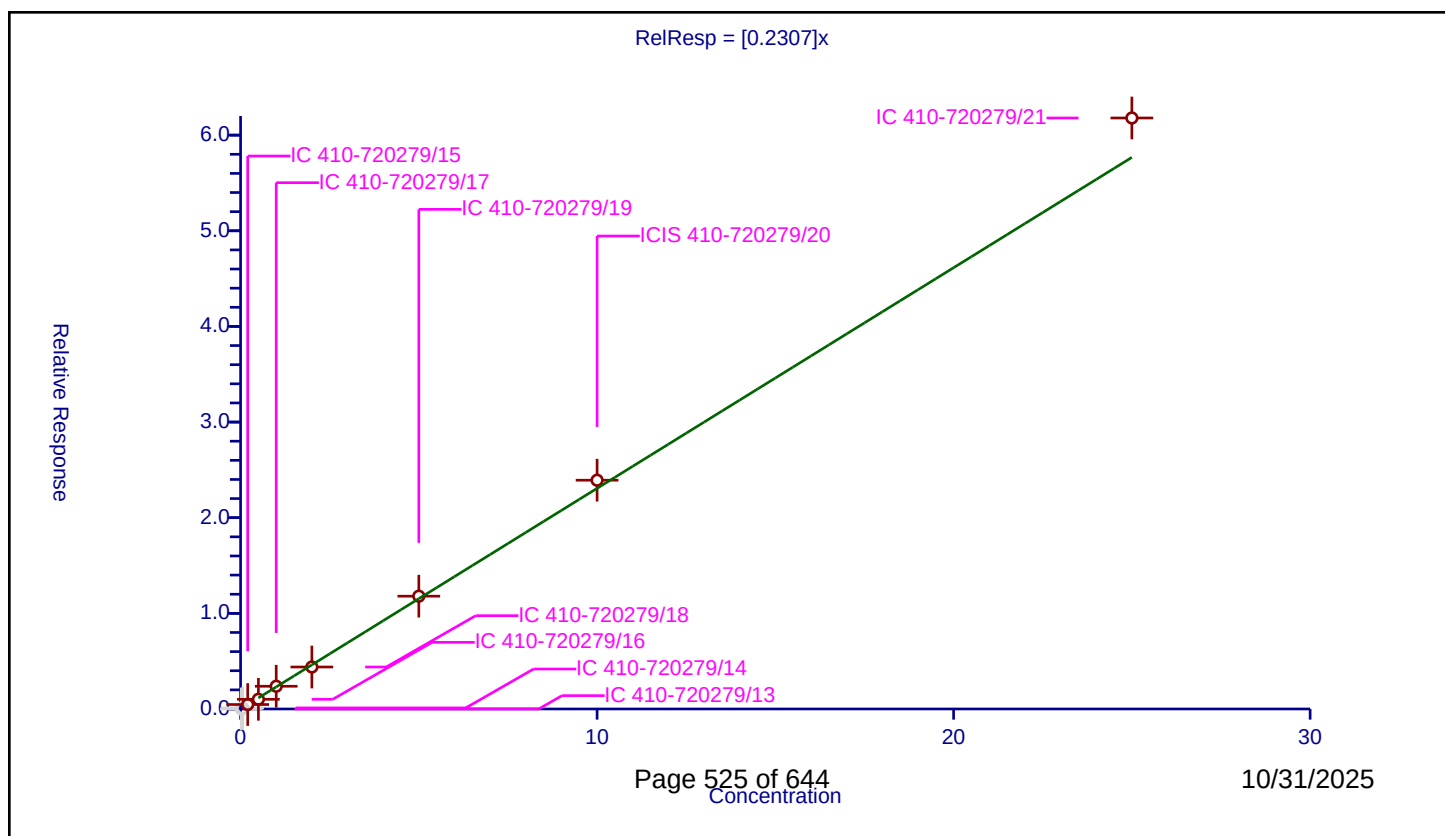
Curve Coefficients

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

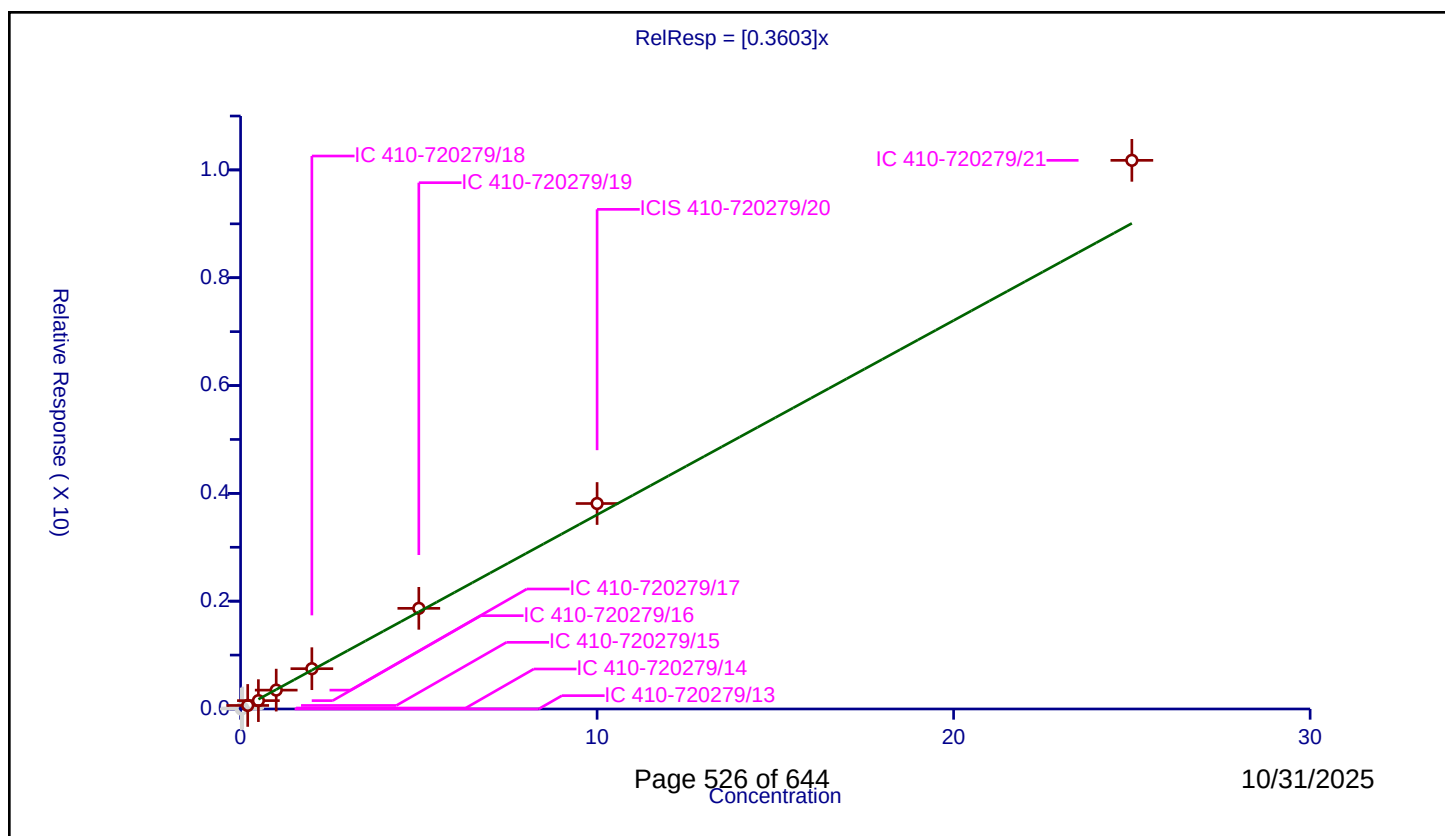
Curve Coefficients

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

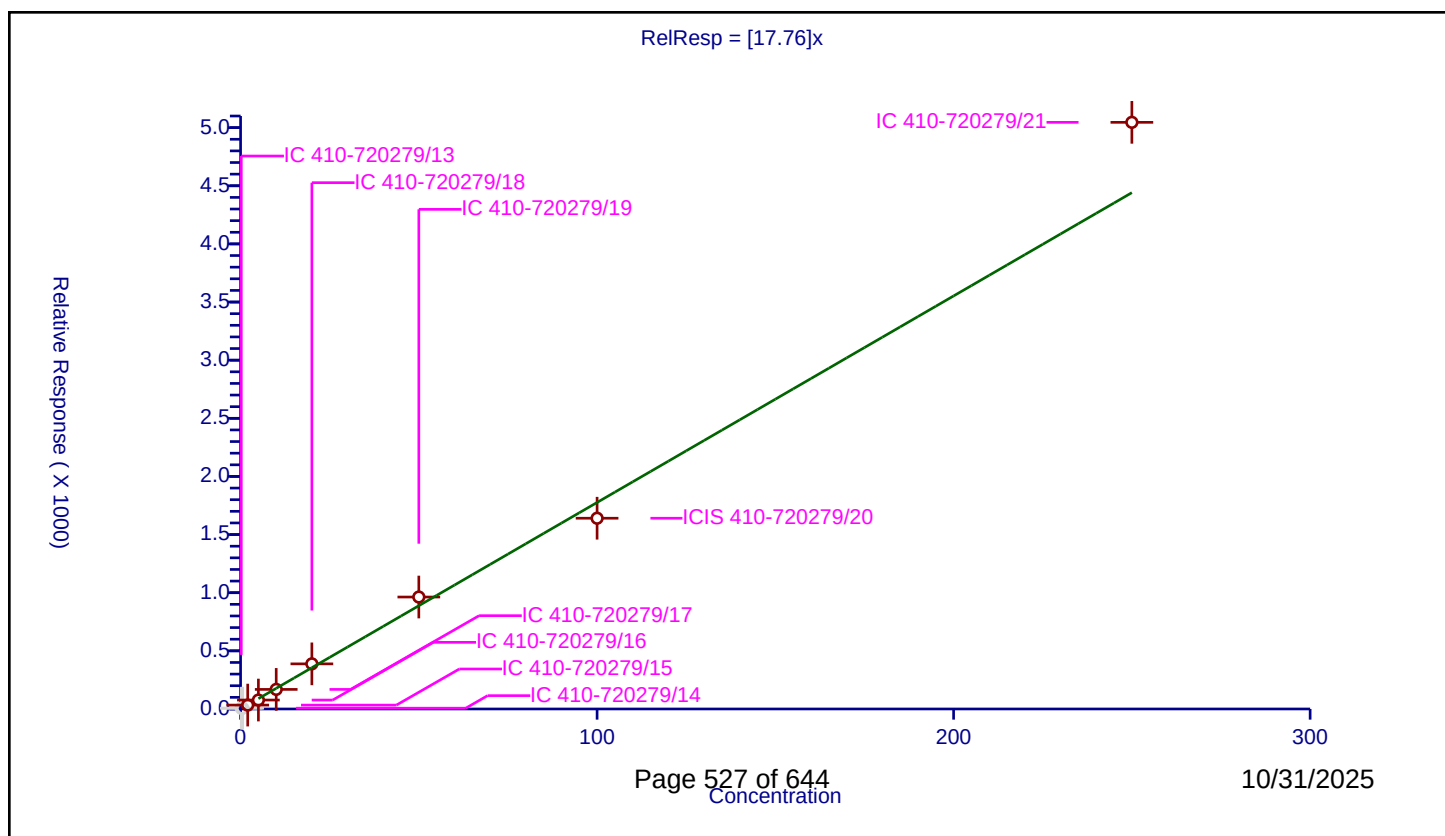
Curve Coefficients

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

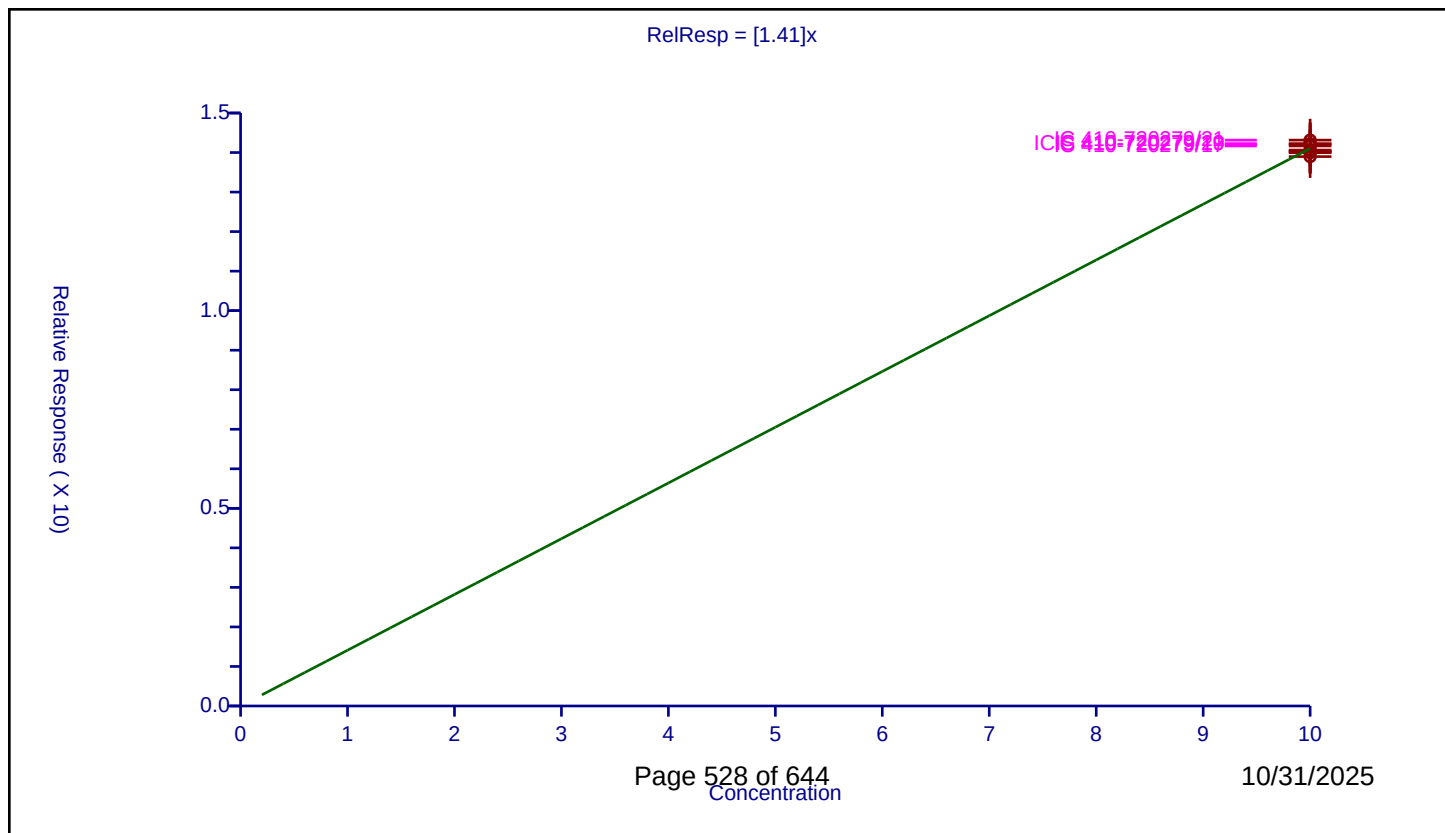
Curve Coefficients

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

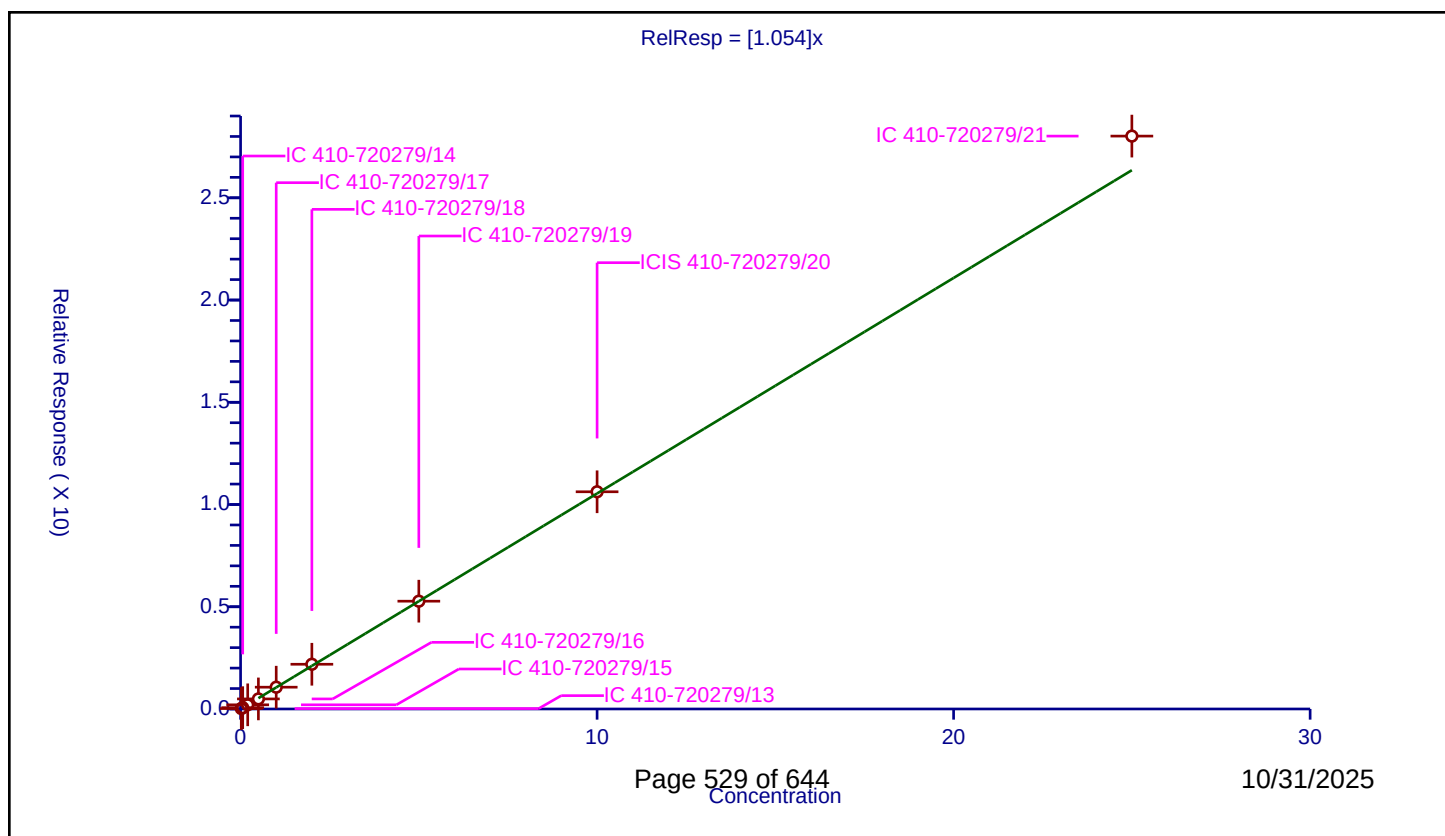
Curve Coefficients

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

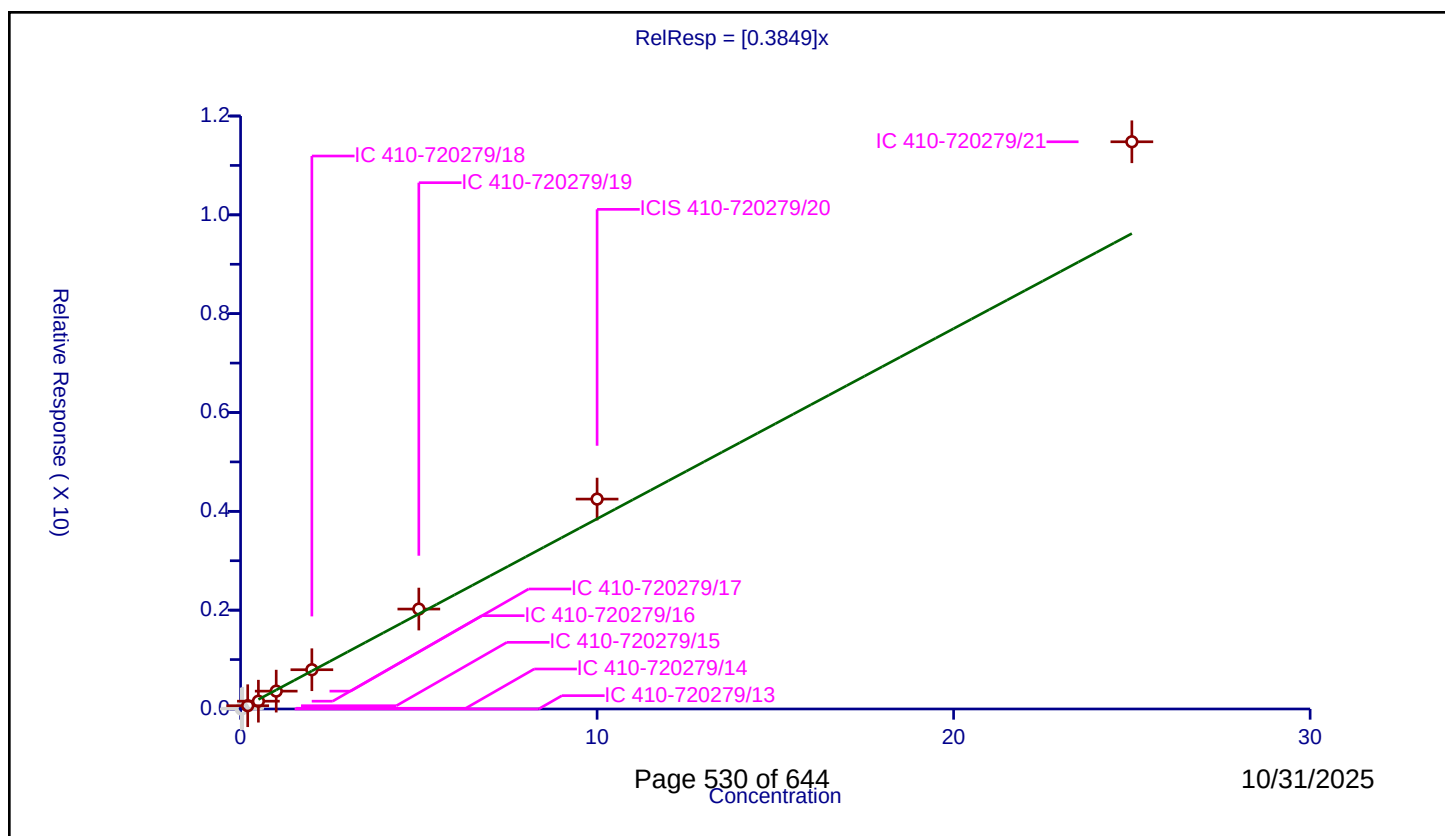
Curve Coefficients

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

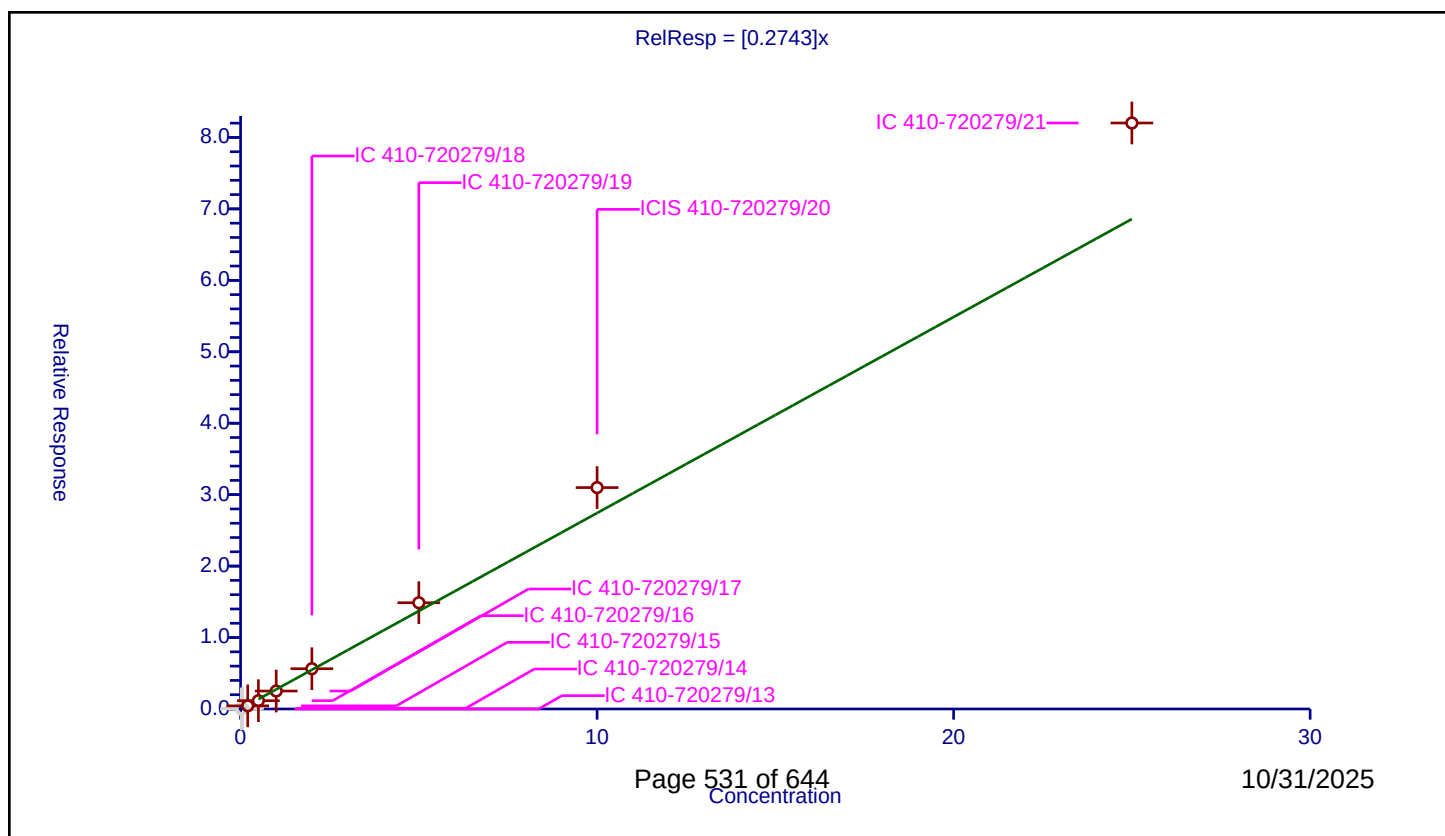
Curve Coefficients

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

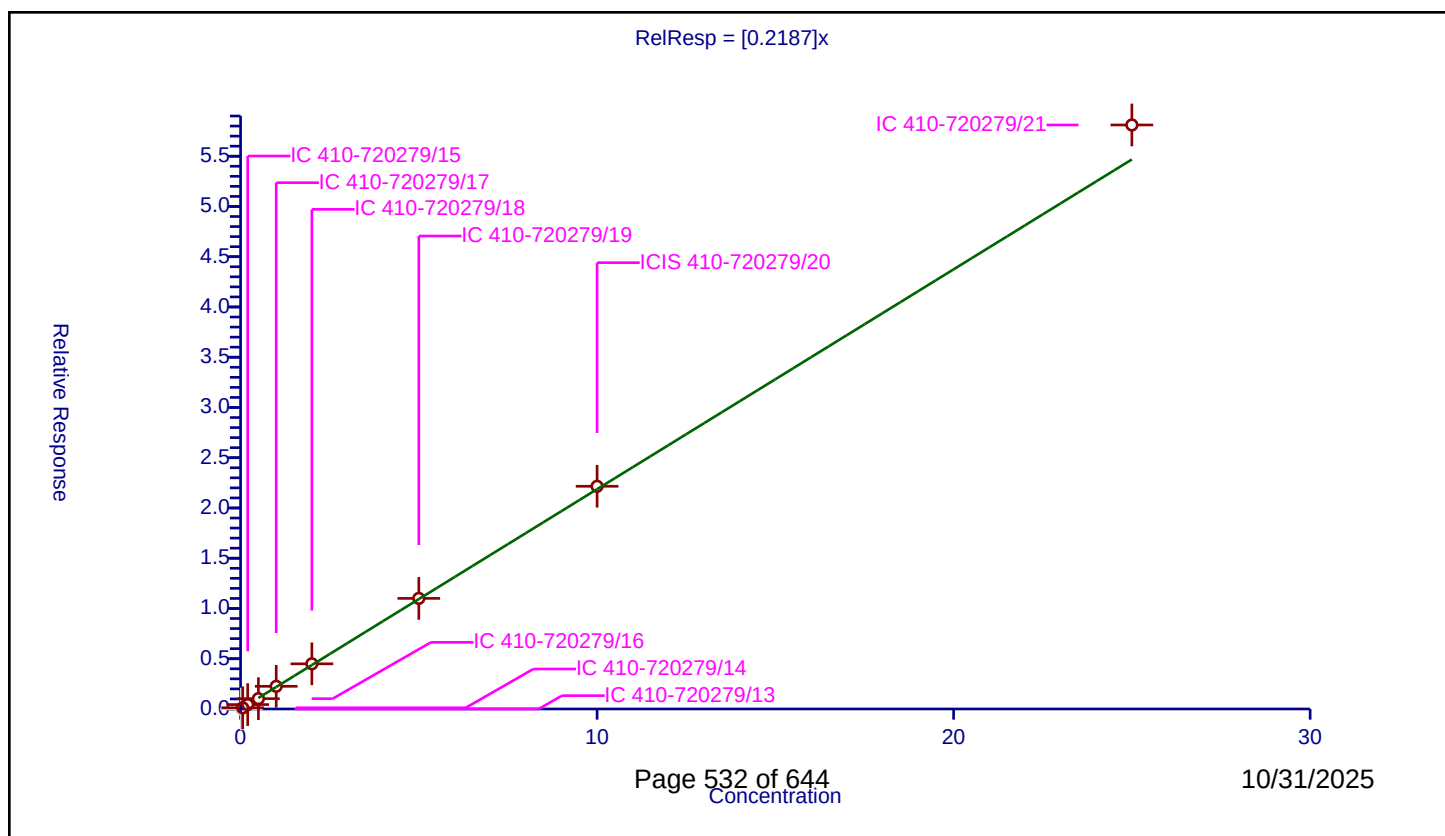
Curve Coefficients

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

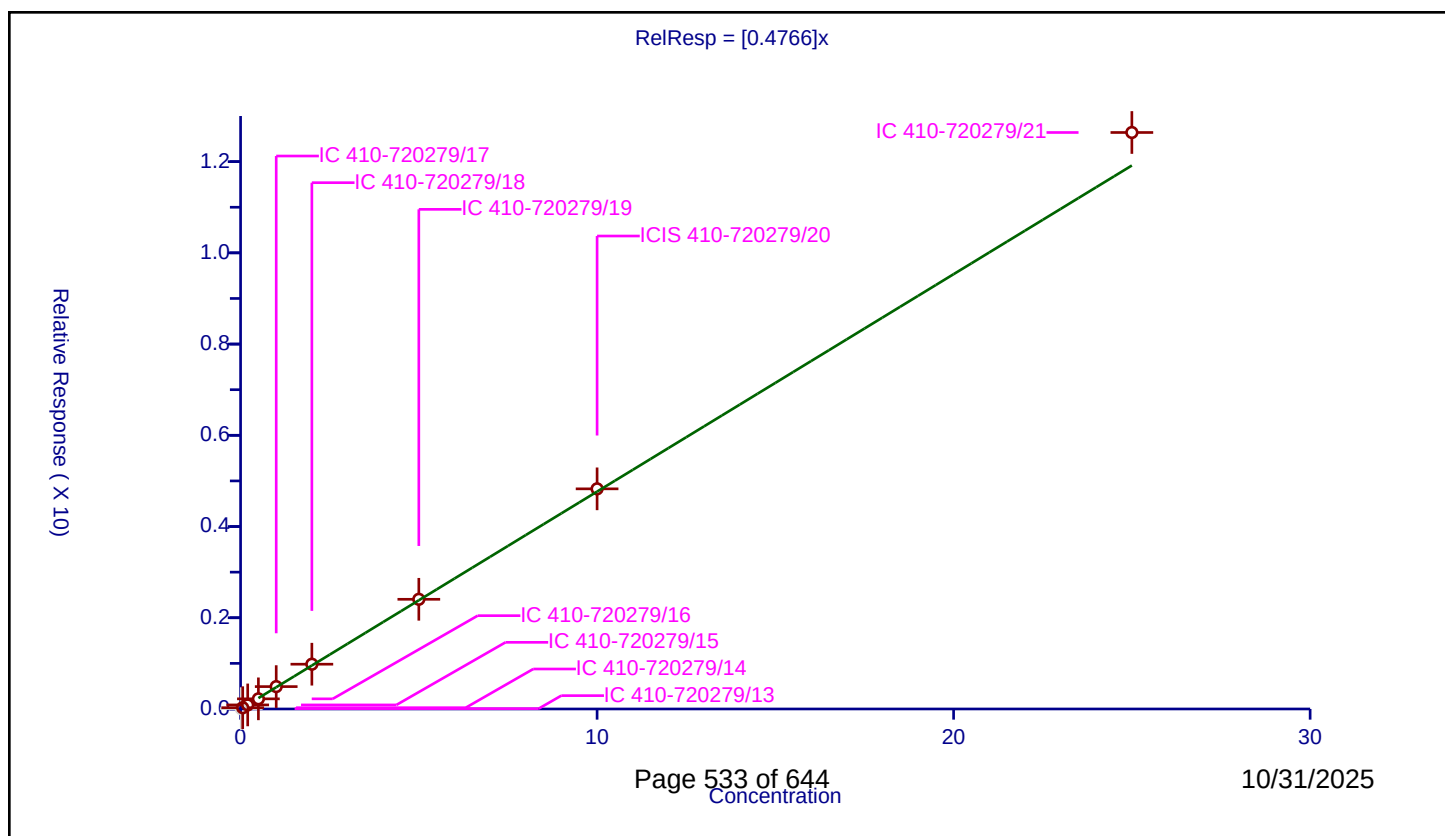
Curve Coefficients

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

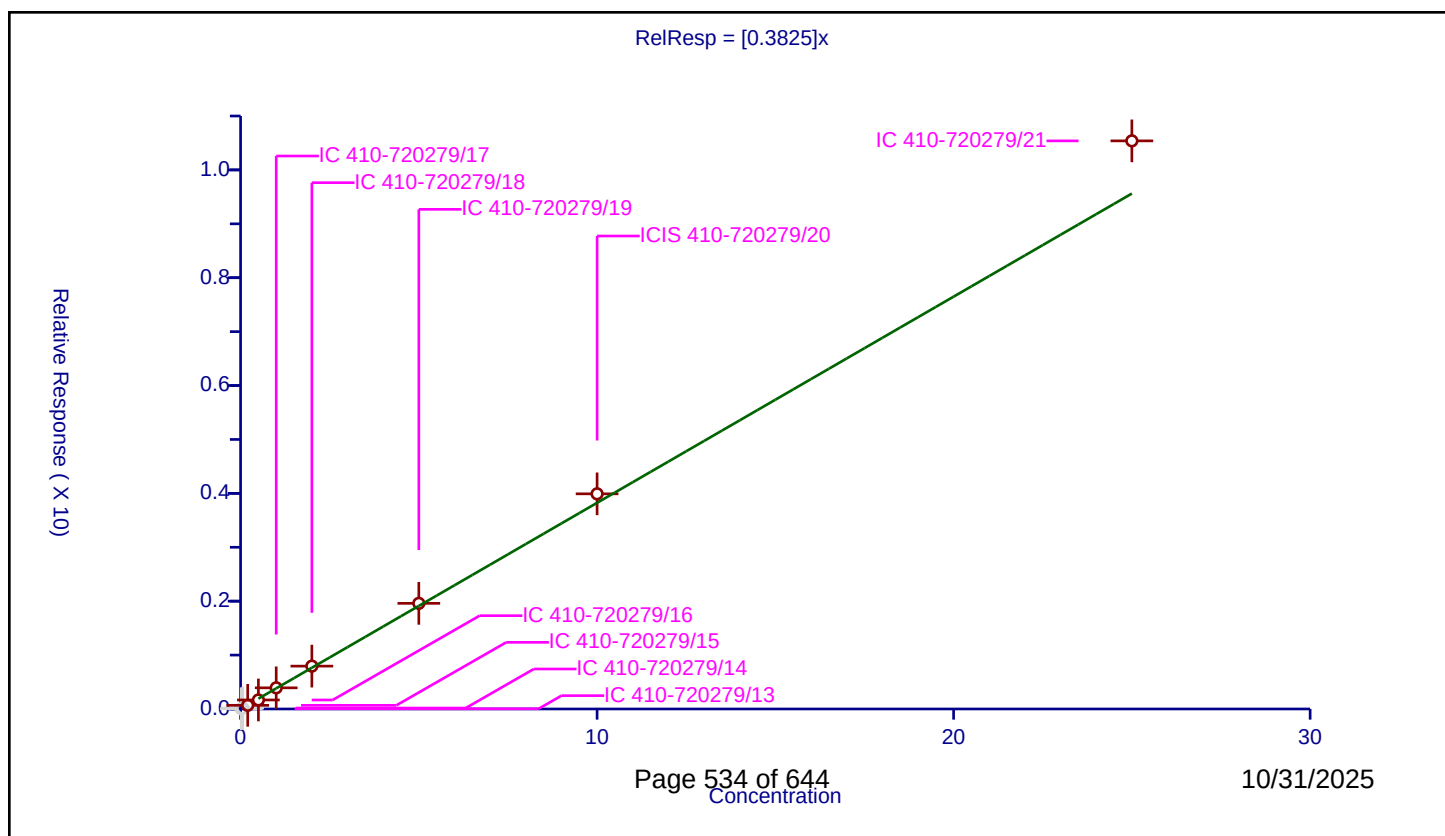
Curve Coefficients

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

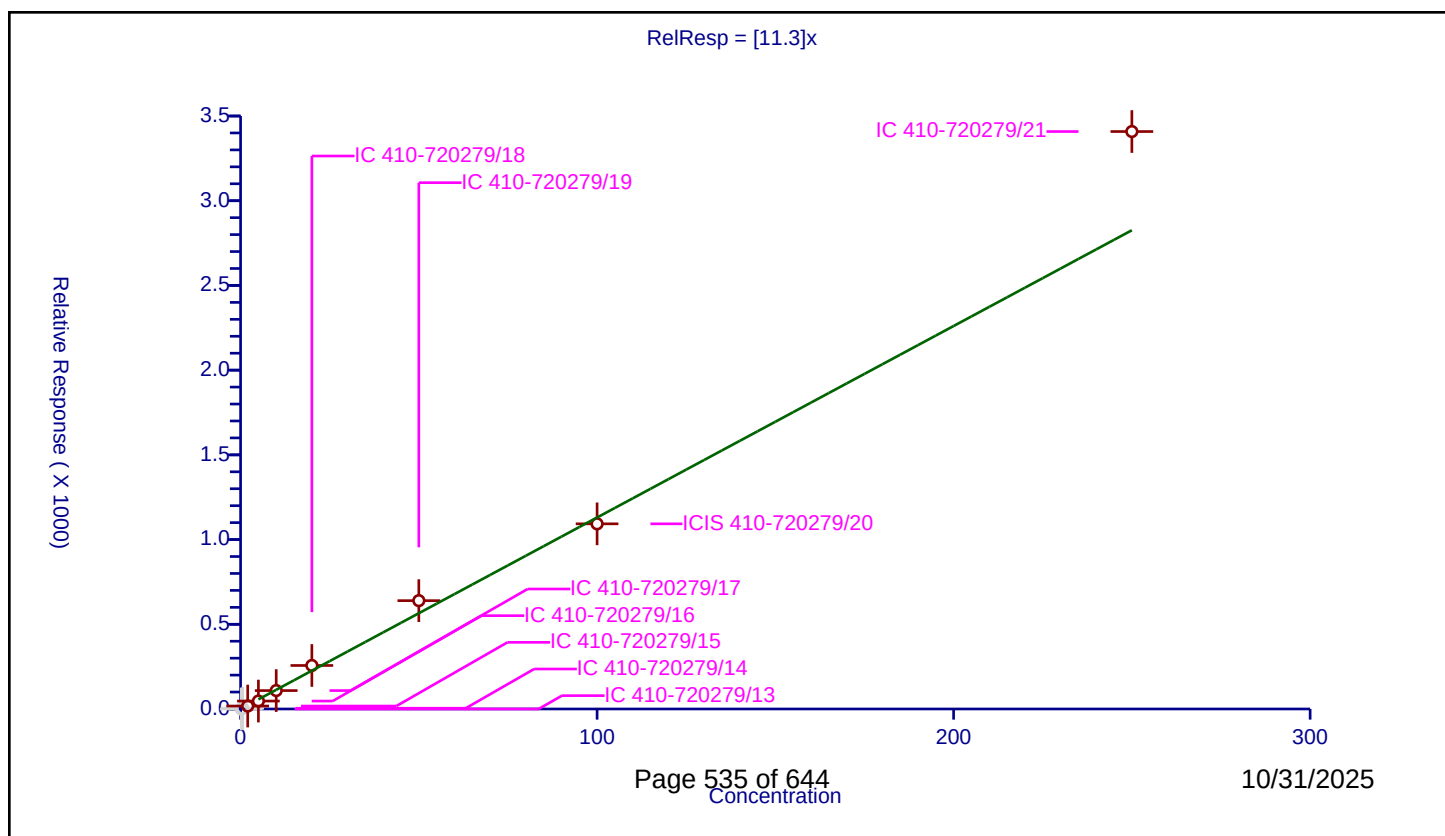
Curve Coefficients

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

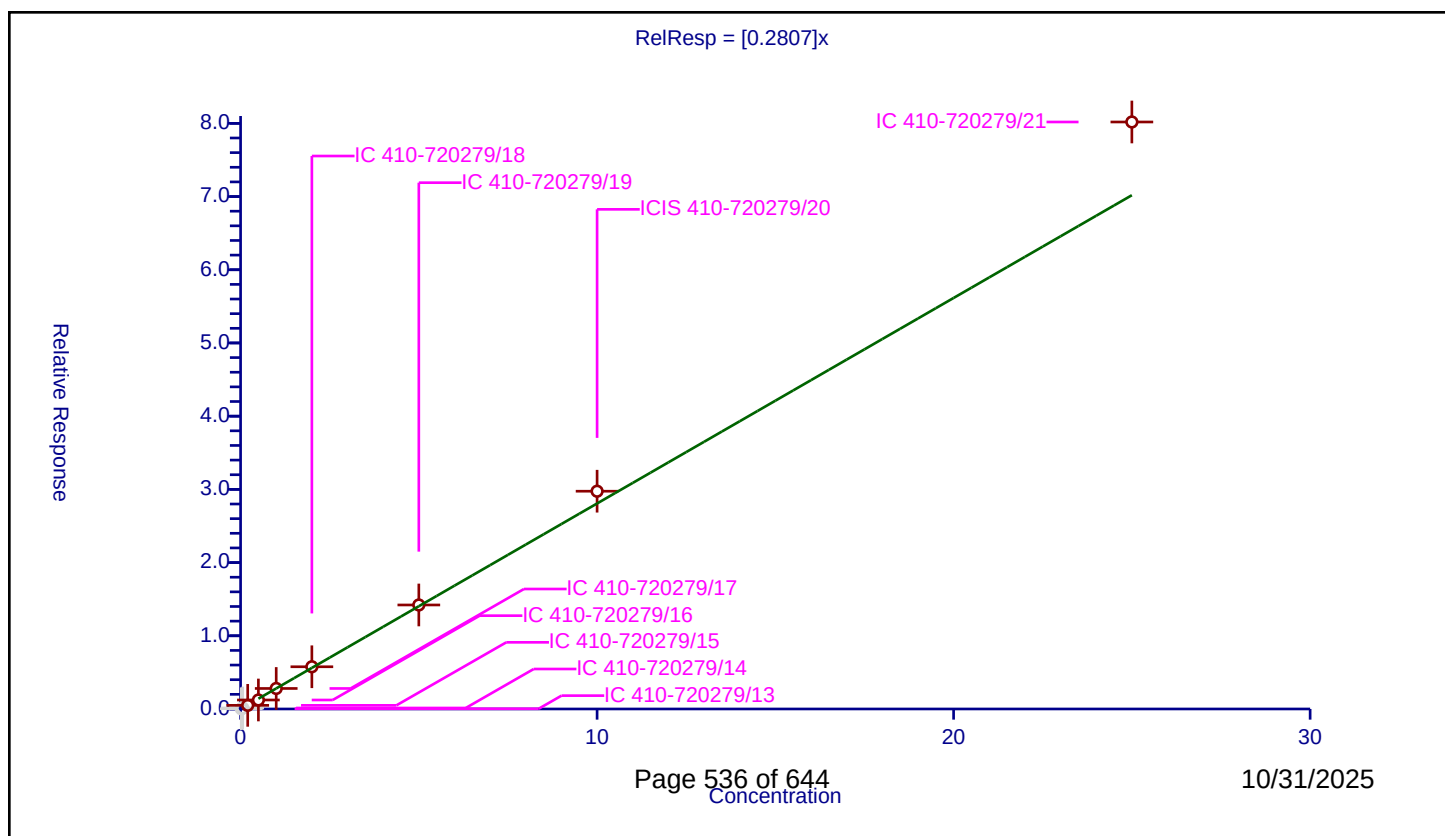
Curve Coefficients

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

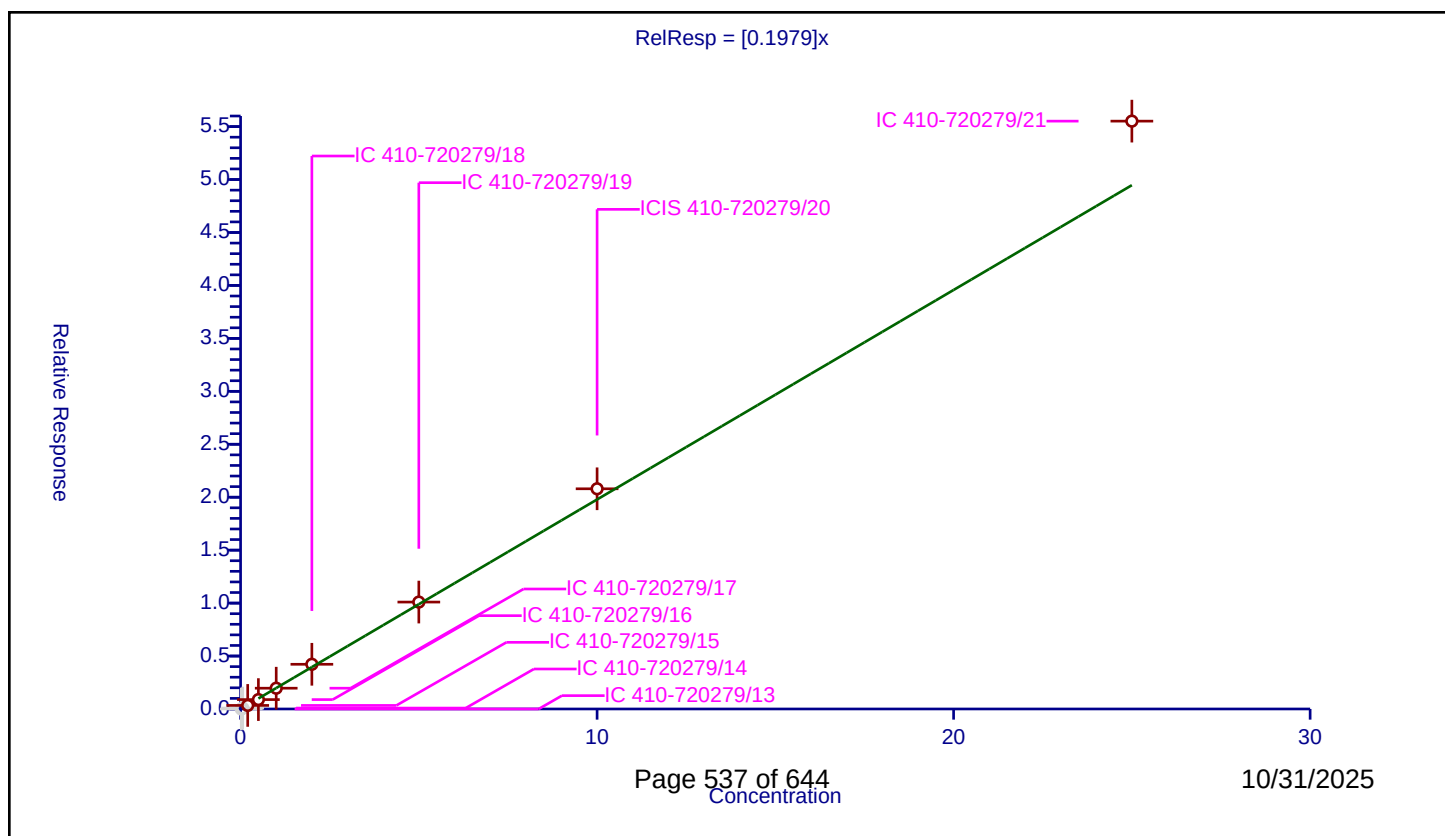
Curve Coefficients

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

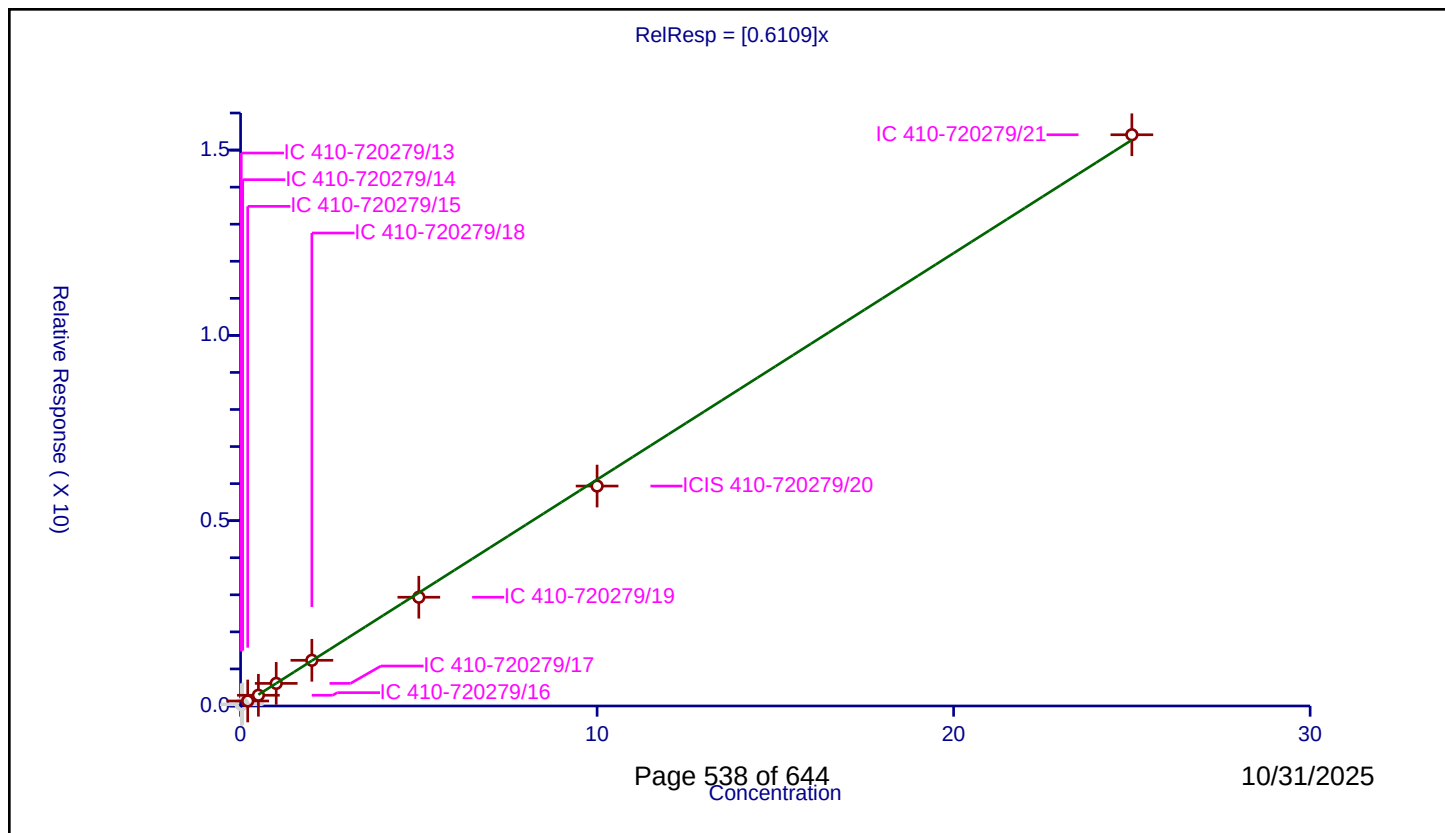
Curve Coefficients

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

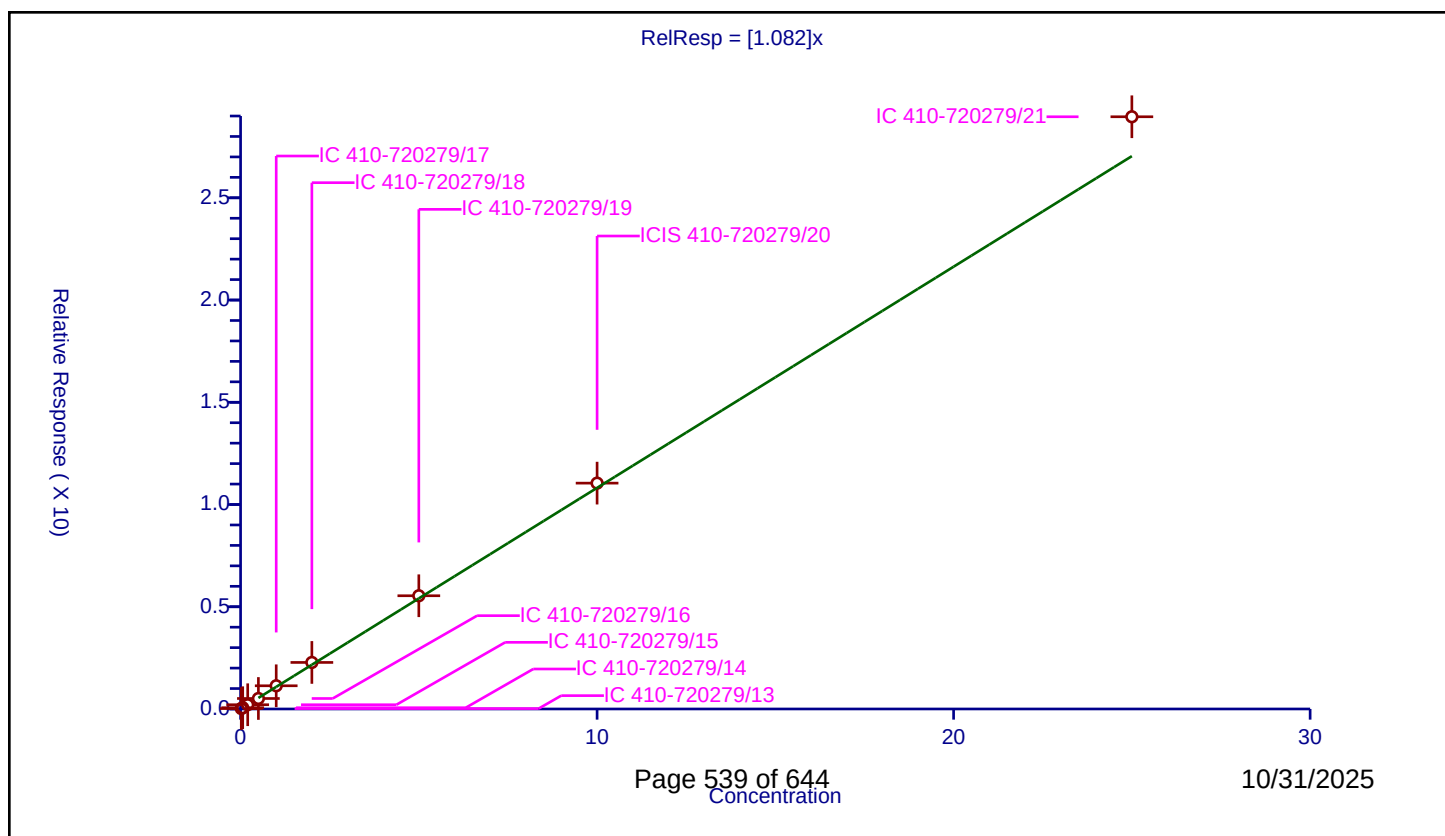
Curve Coefficients

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

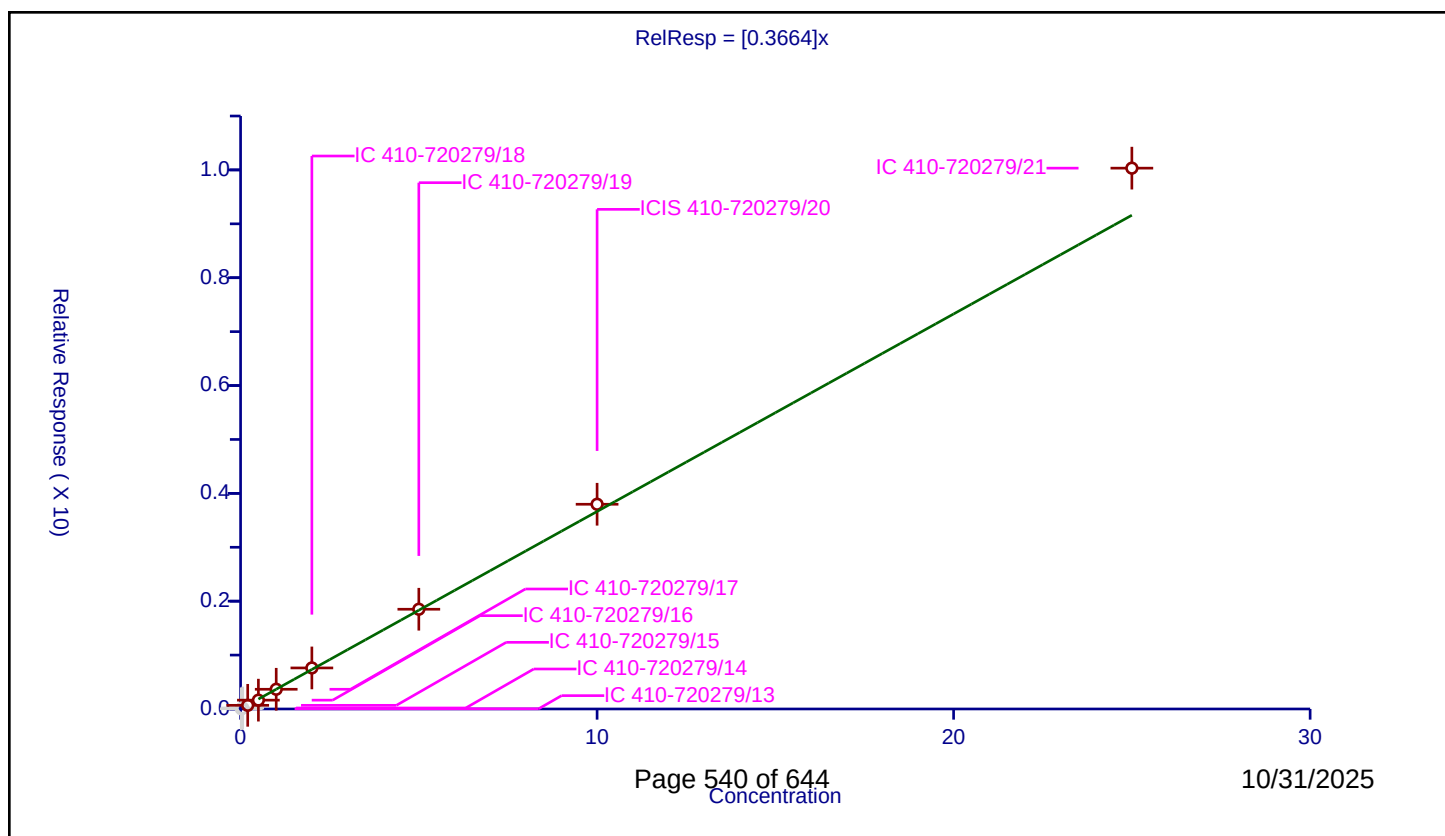
Curve Coefficients

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

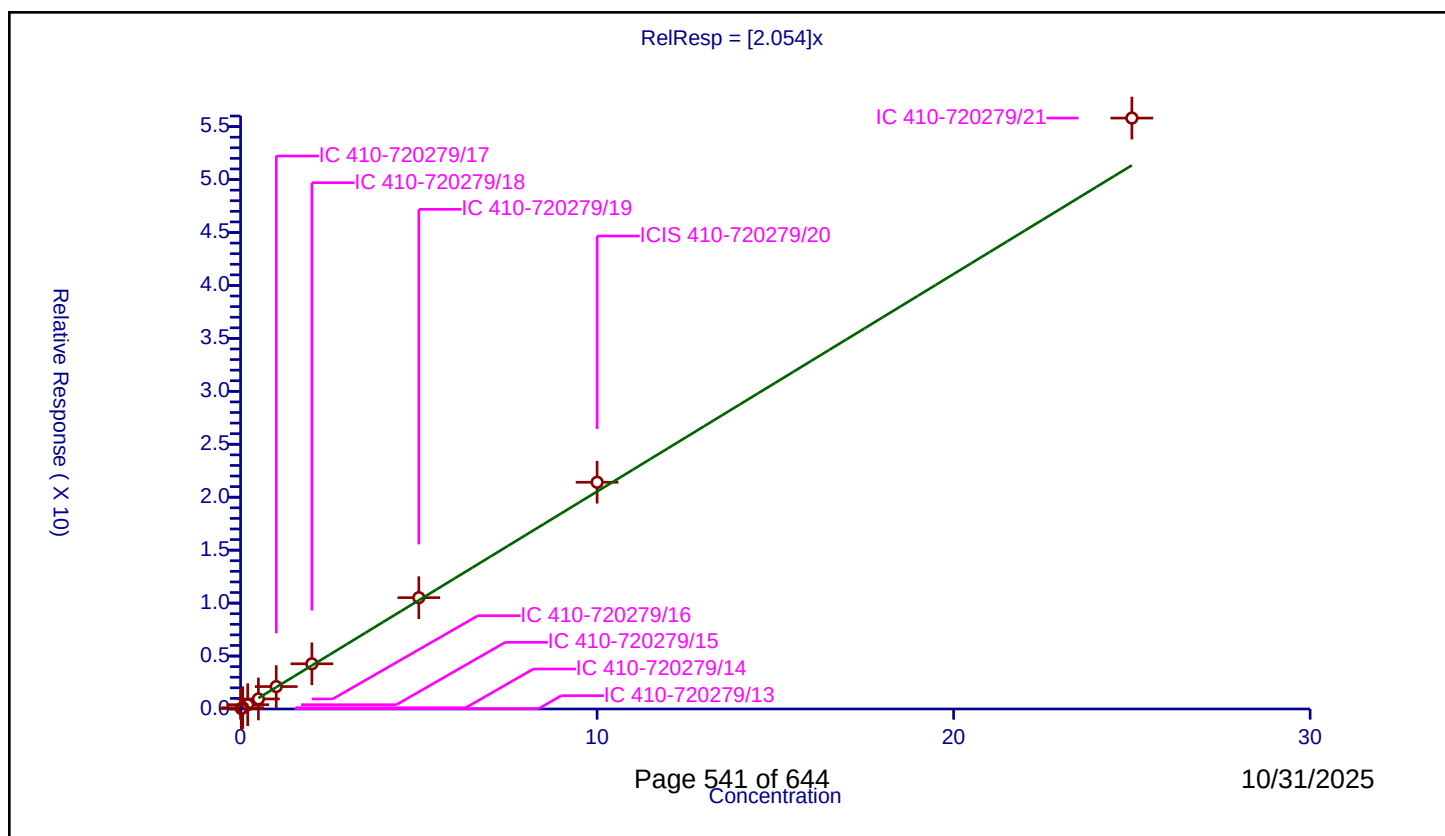
Curve Coefficients

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

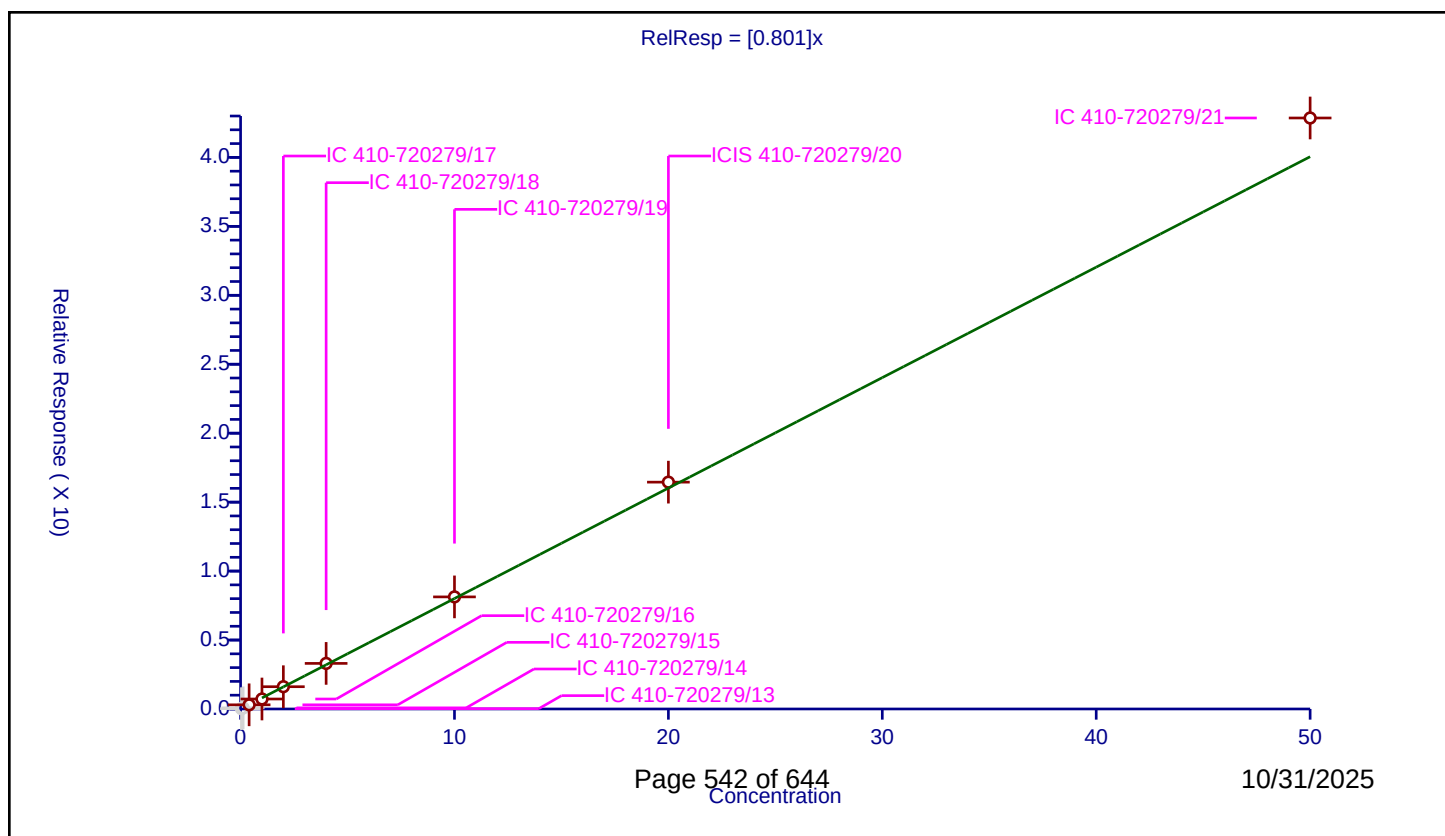
Curve Coefficients

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

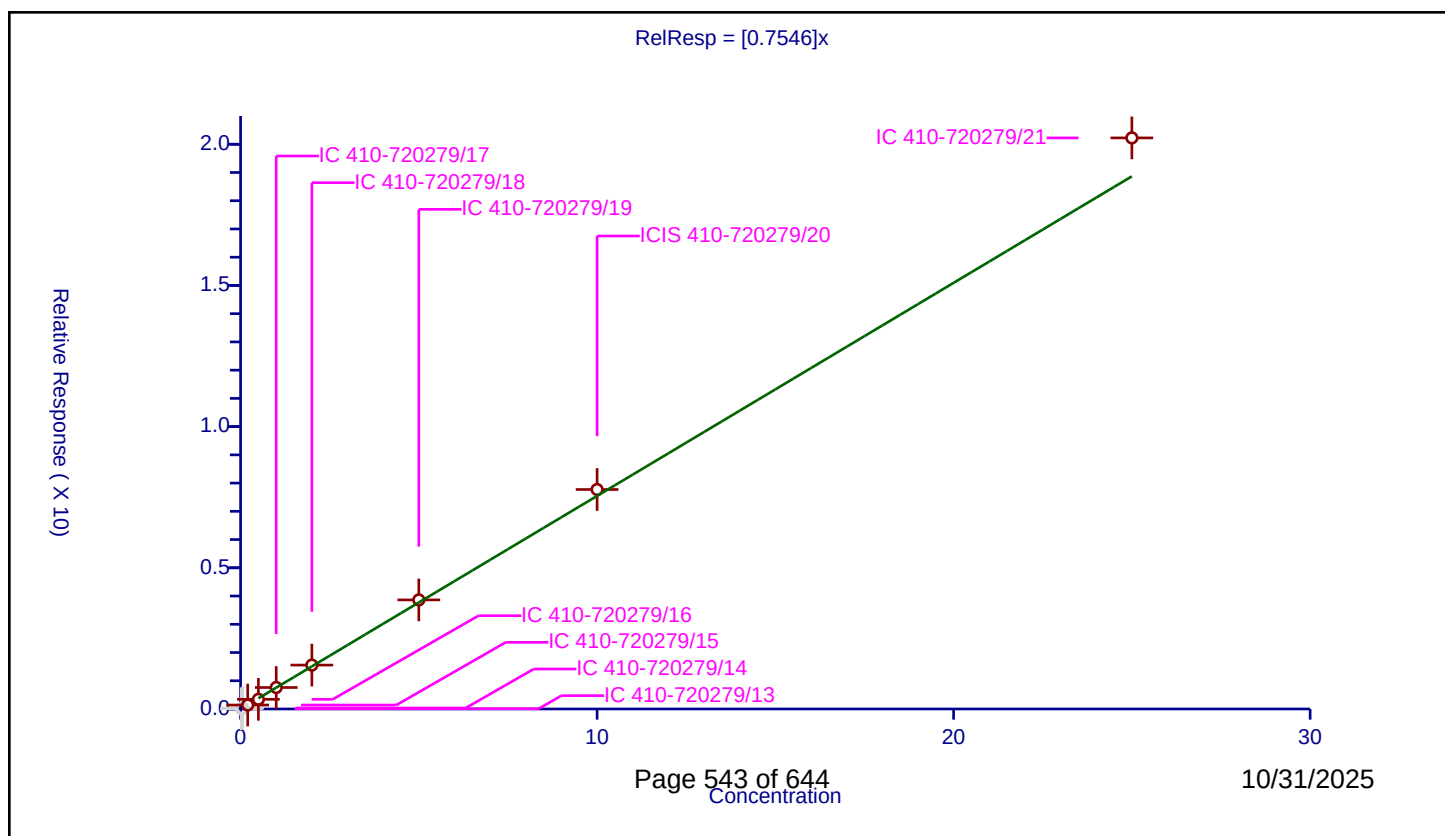
Curve Coefficients

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

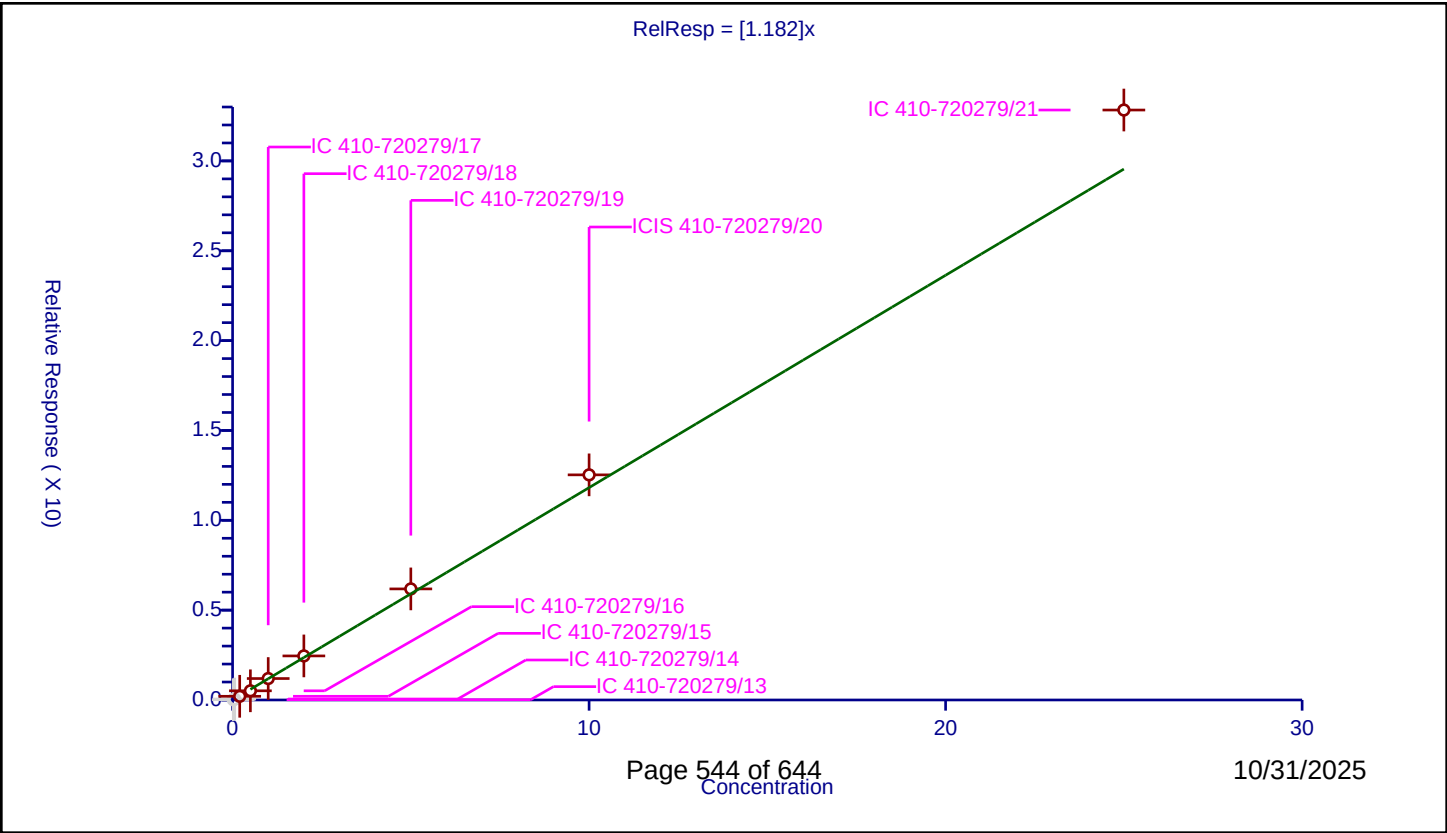
/ Styrene

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

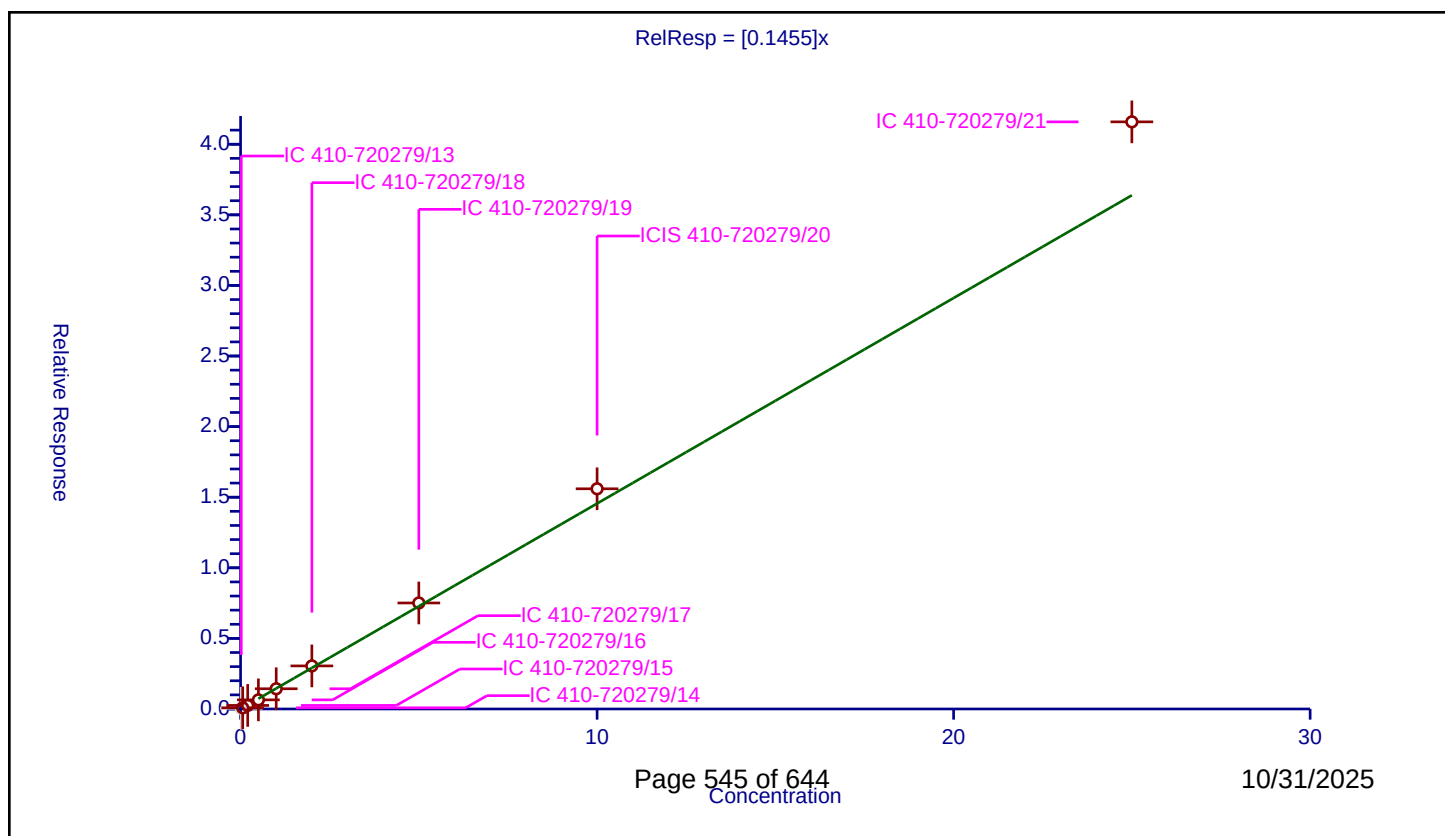
Curve Coefficients

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

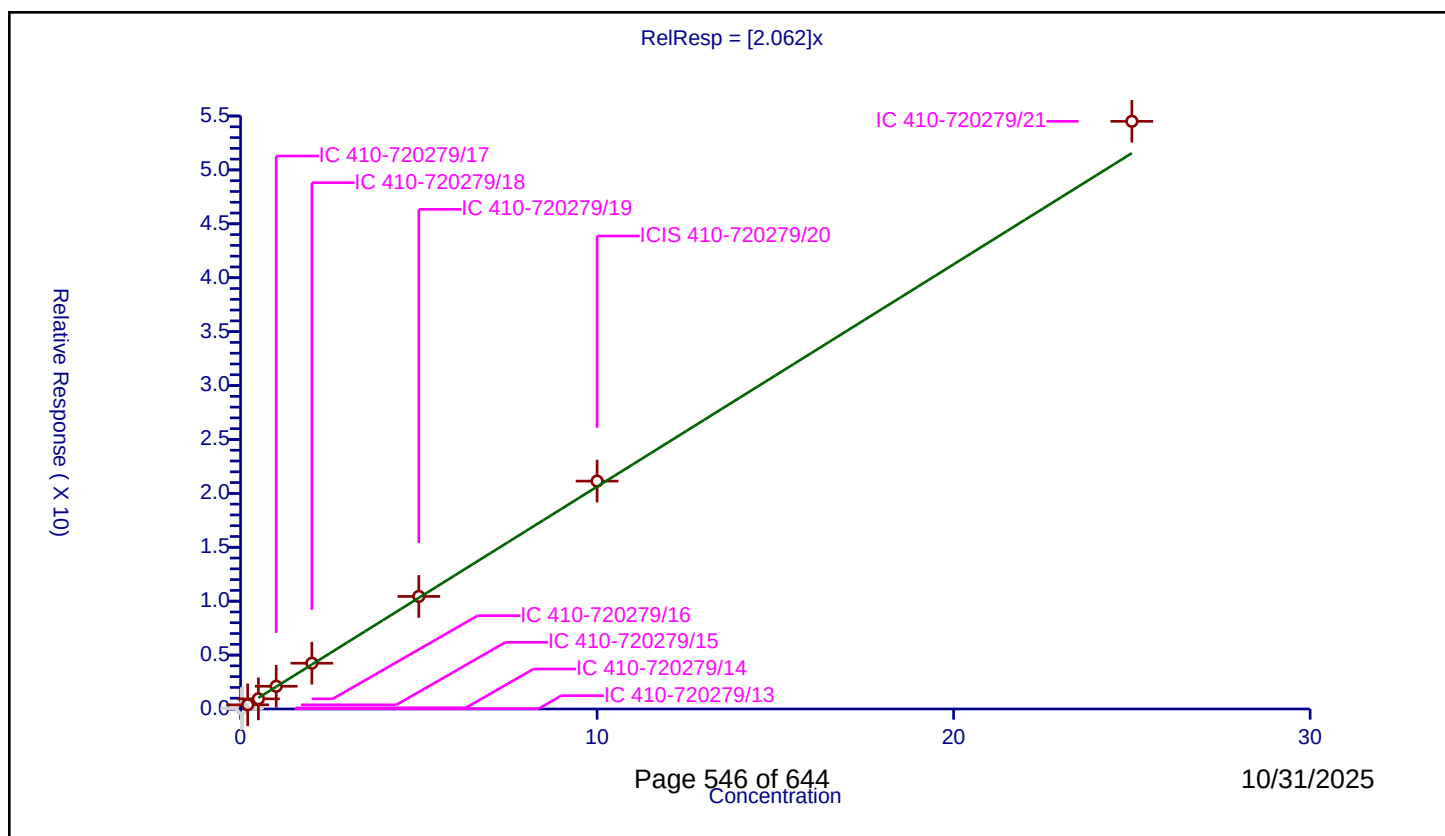
Curve Coefficients

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

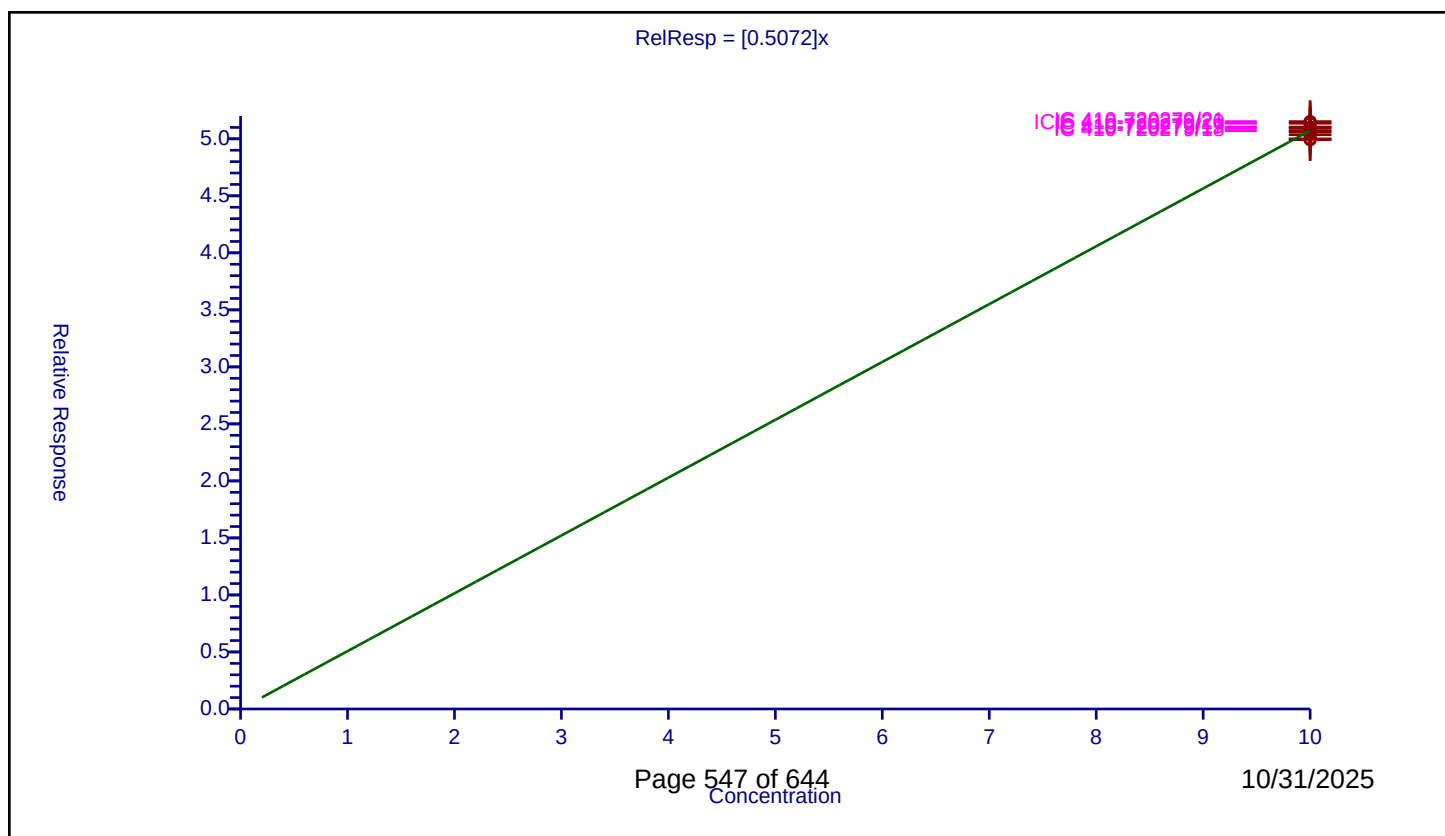
Curve Coefficients

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

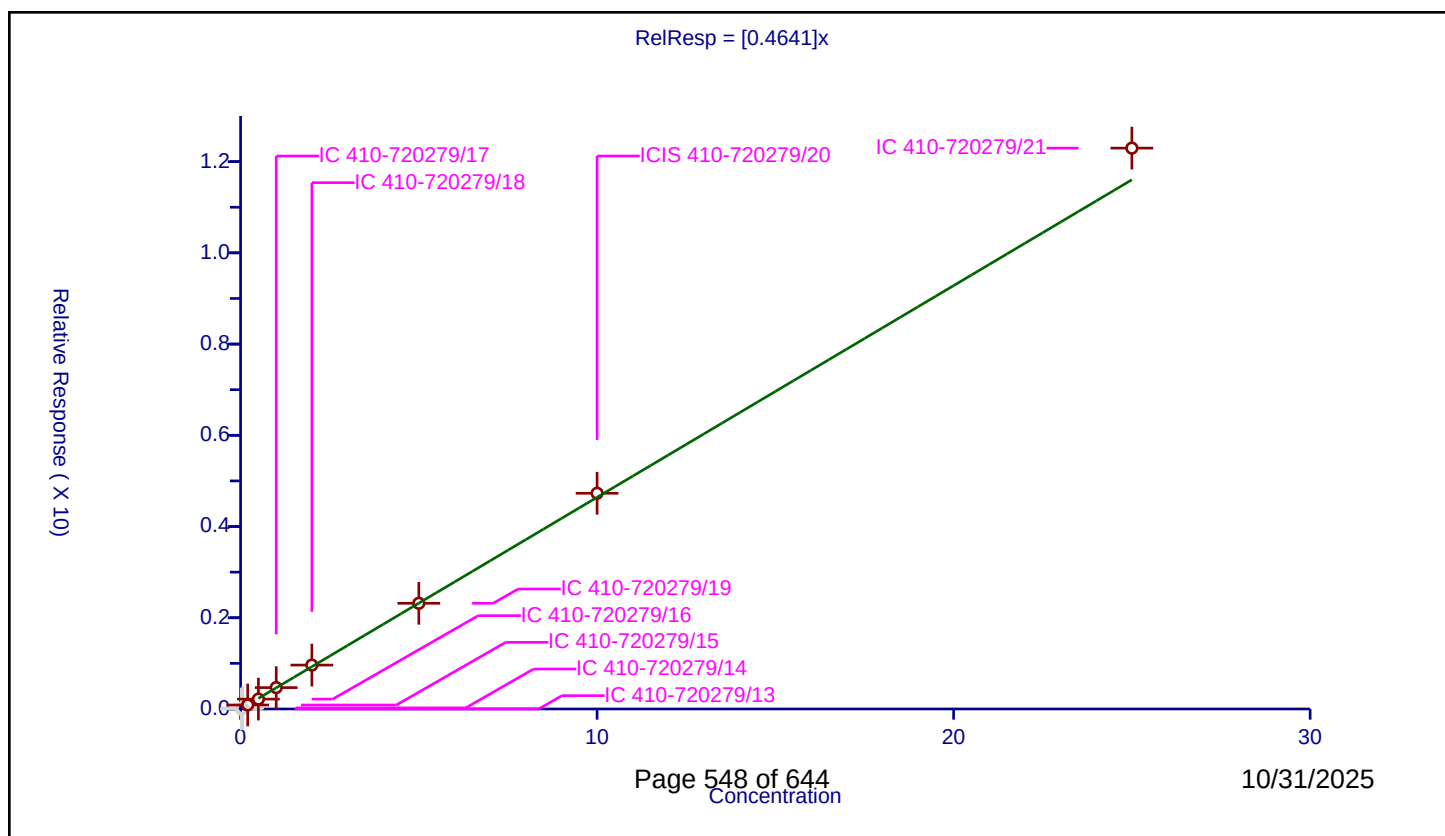
Curve Coefficients

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

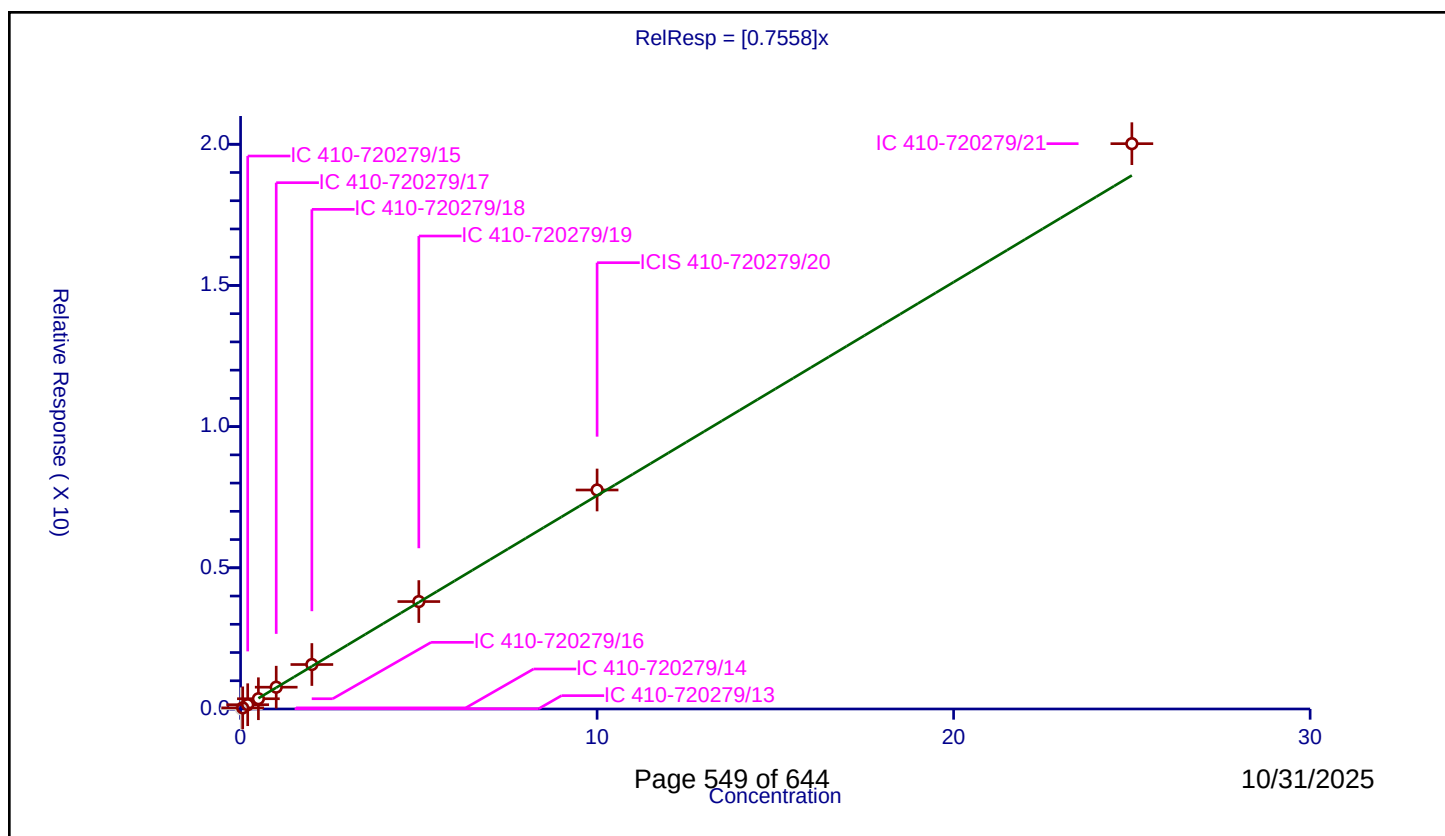
Curve Coefficients

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

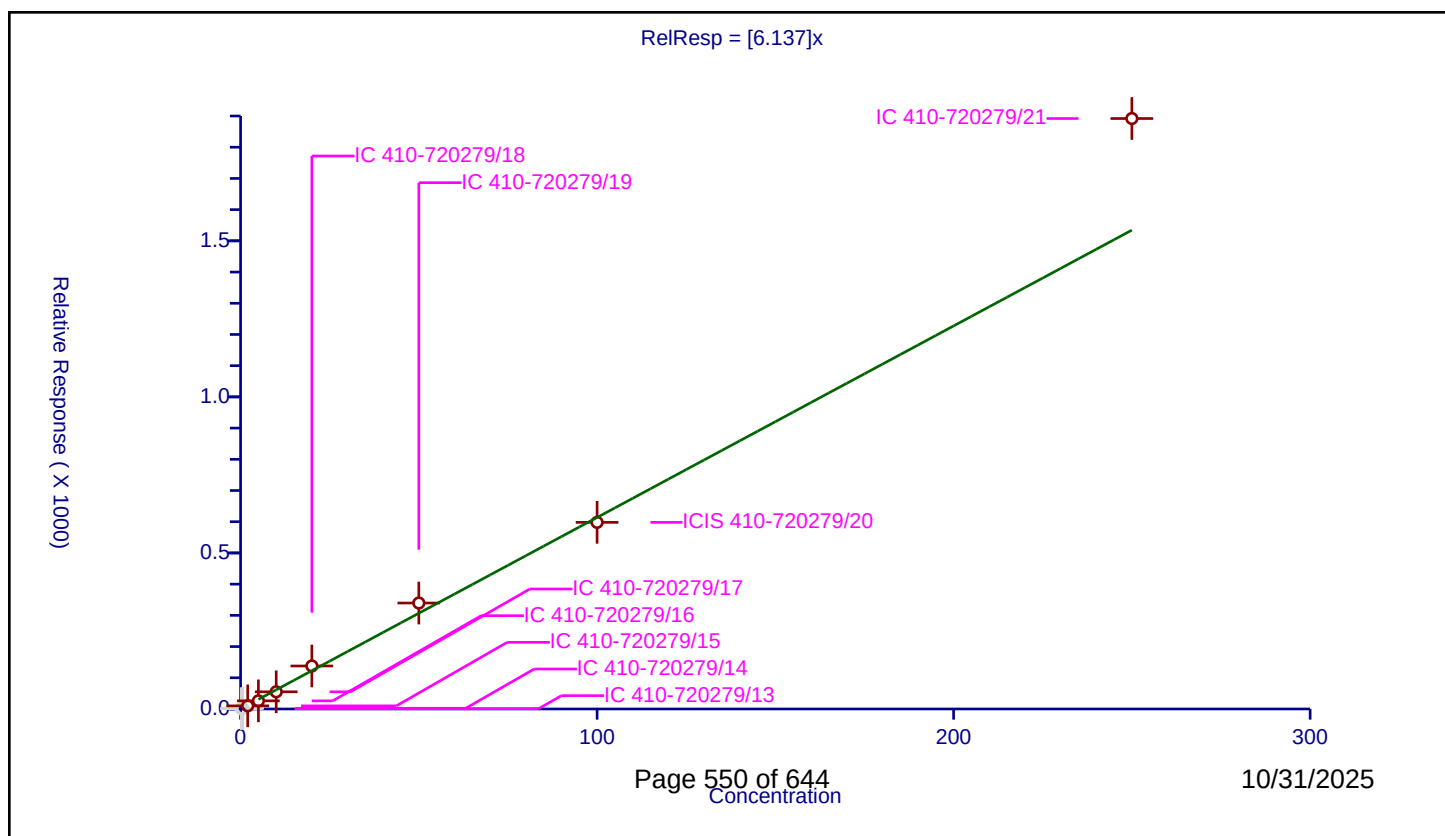
Curve Coefficients

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

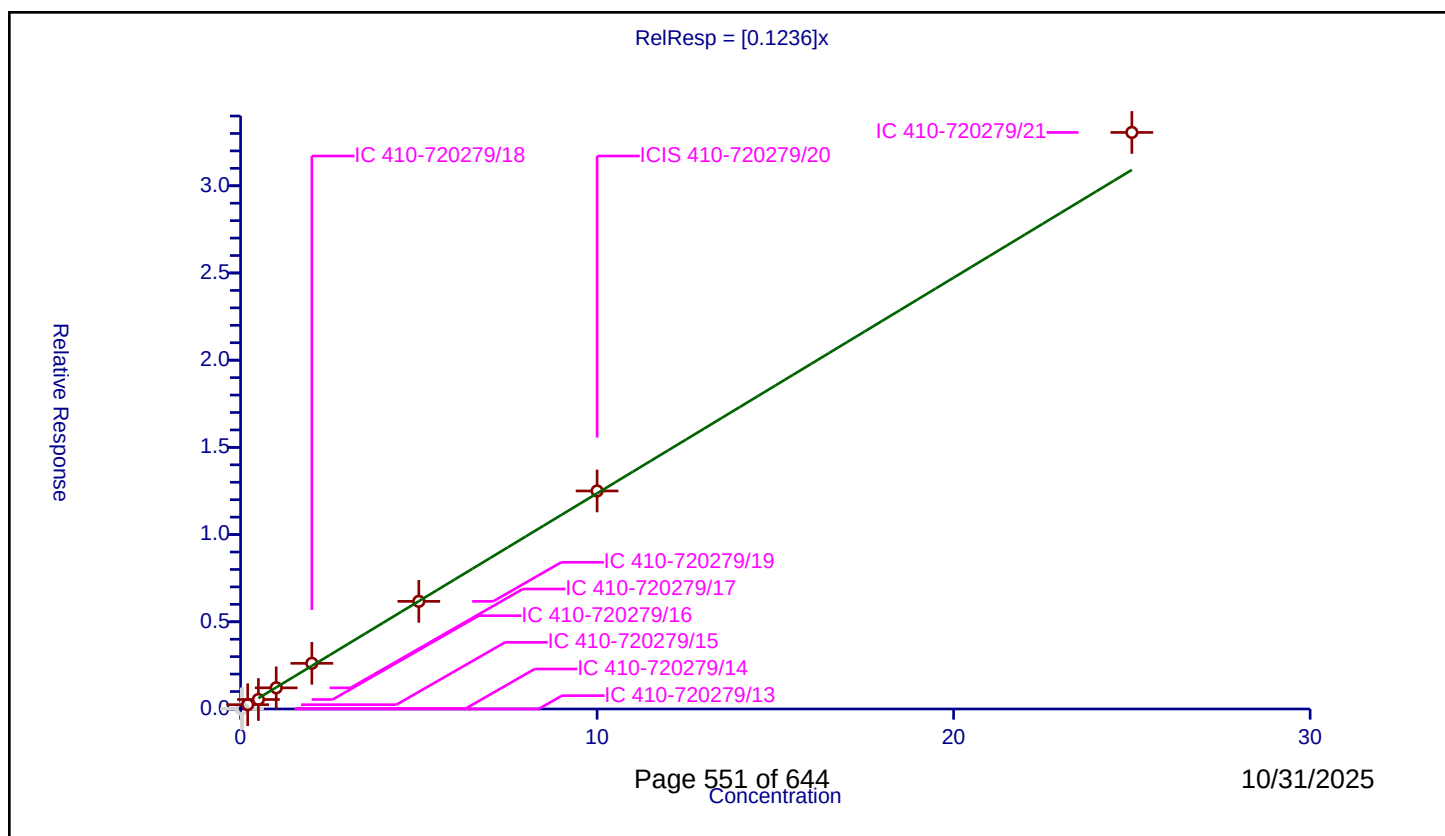
Curve Coefficients

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

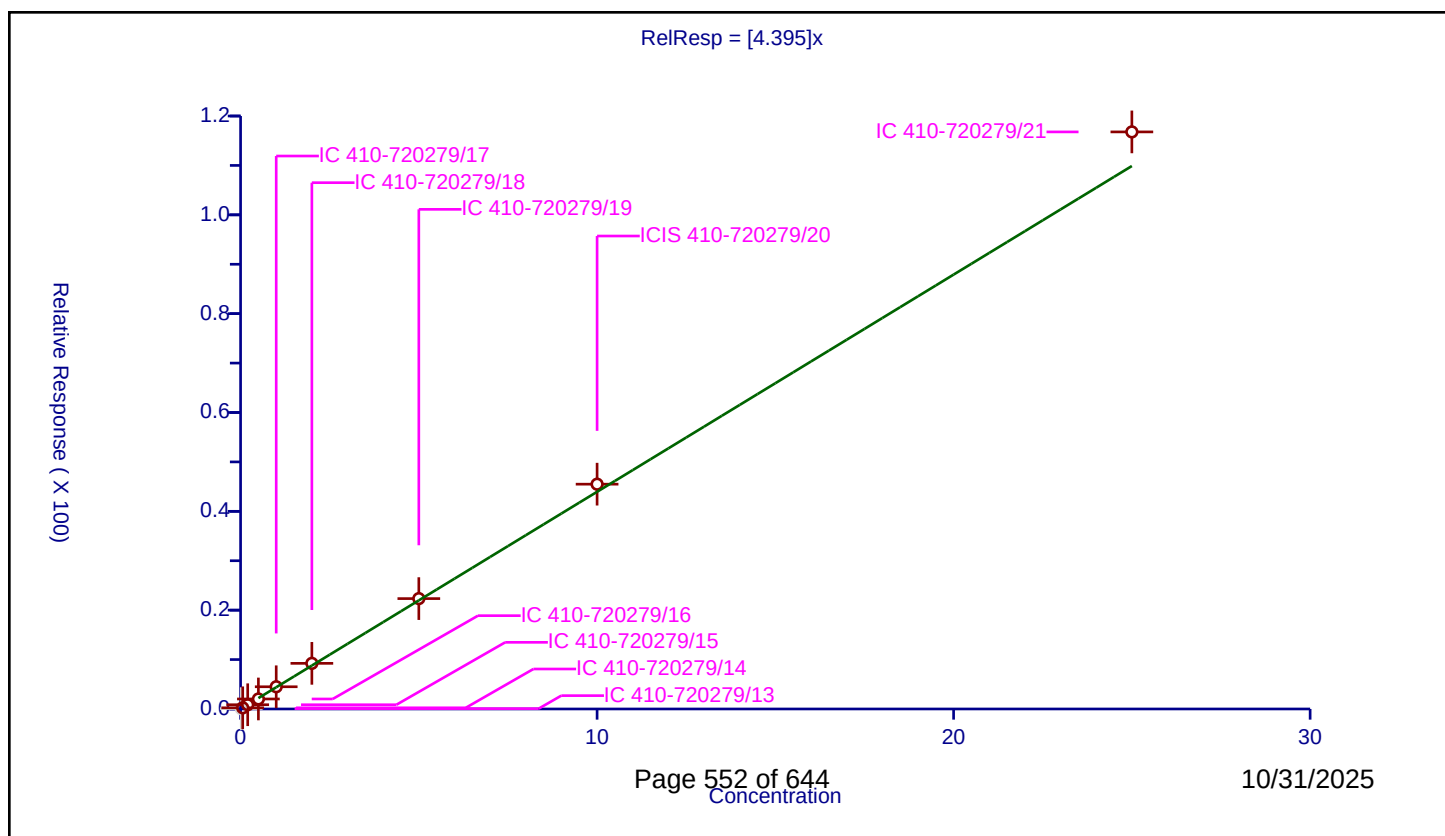
Curve Coefficients

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

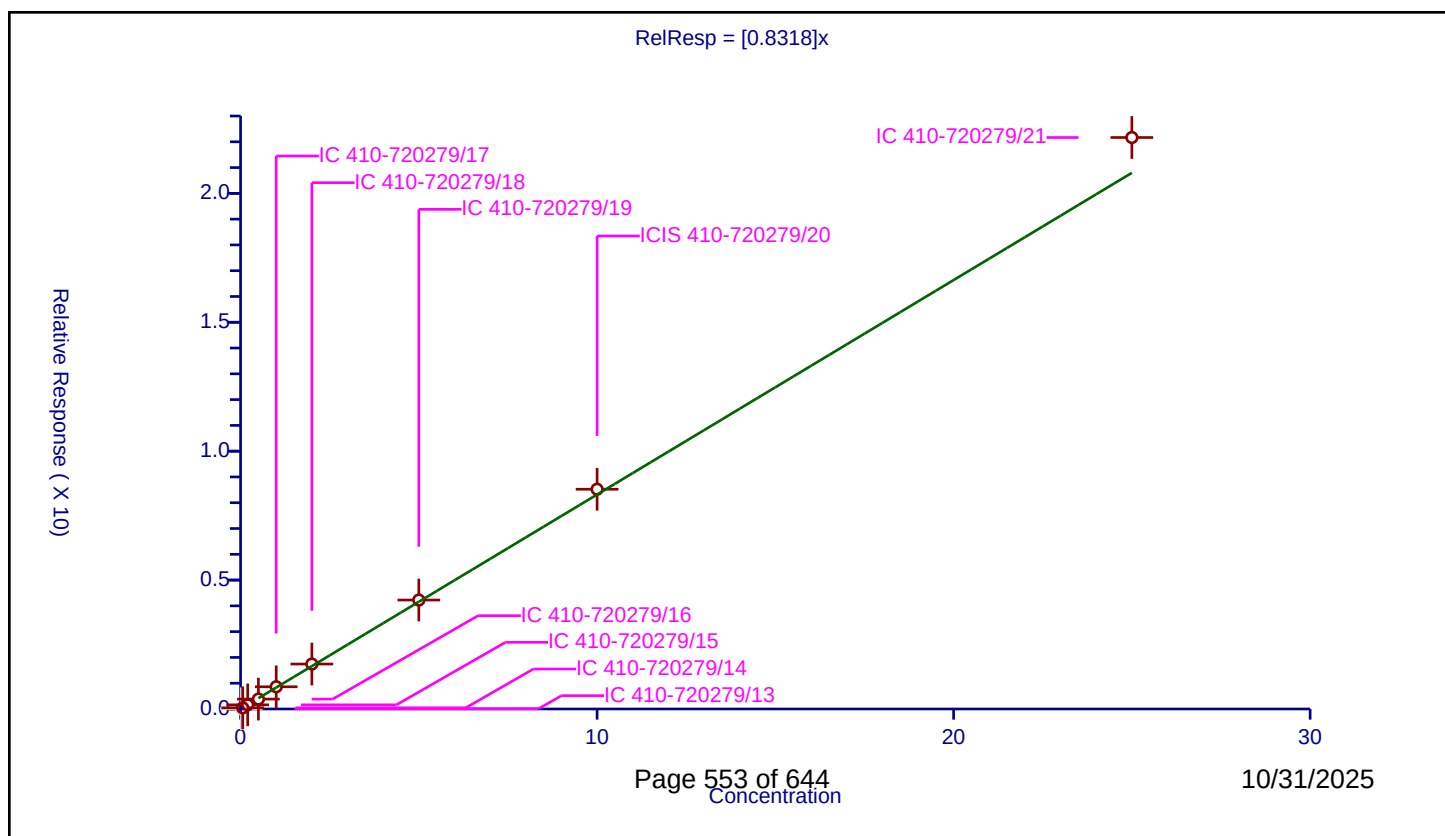
Curve Coefficients

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

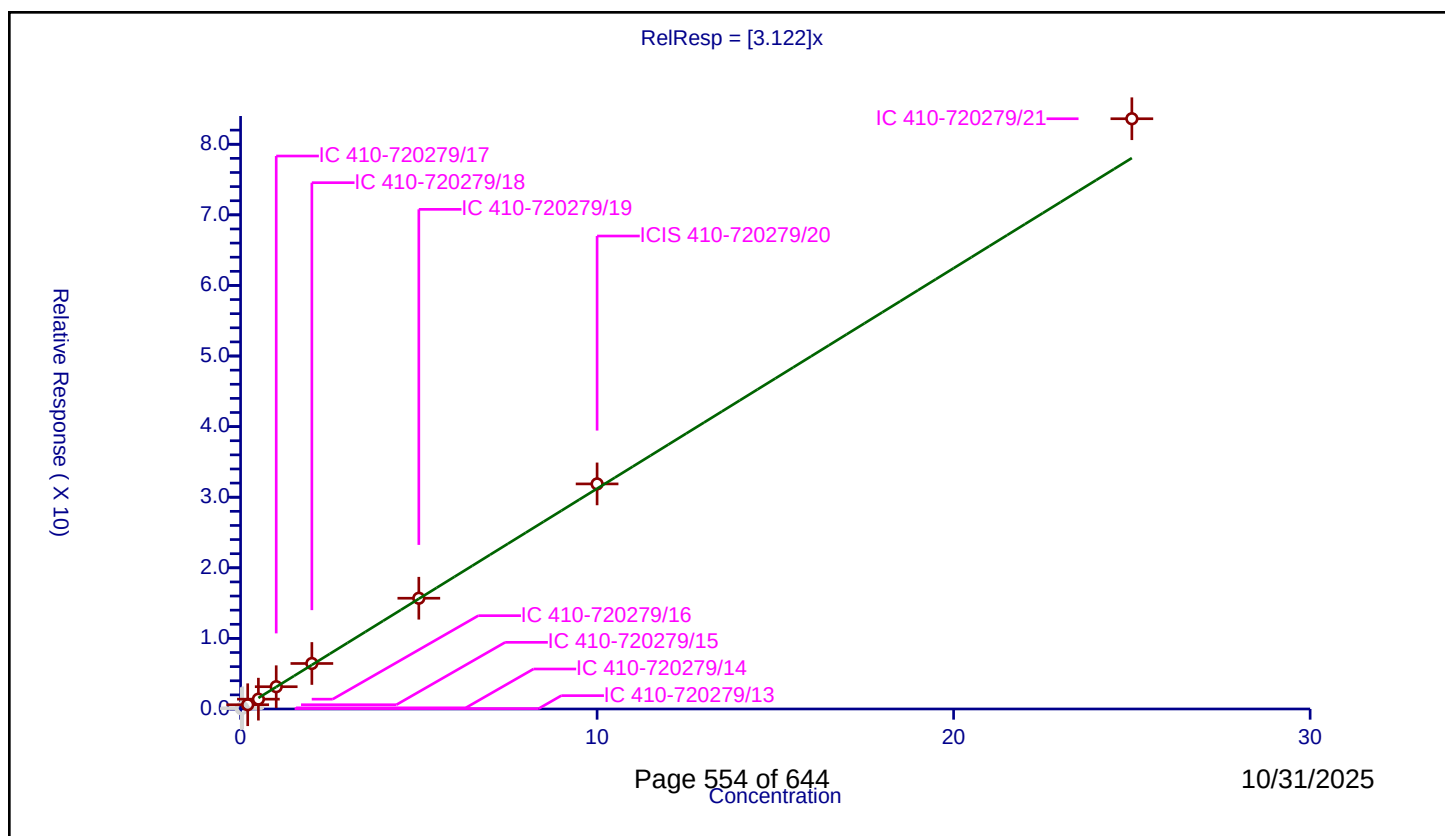
Curve Coefficients

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

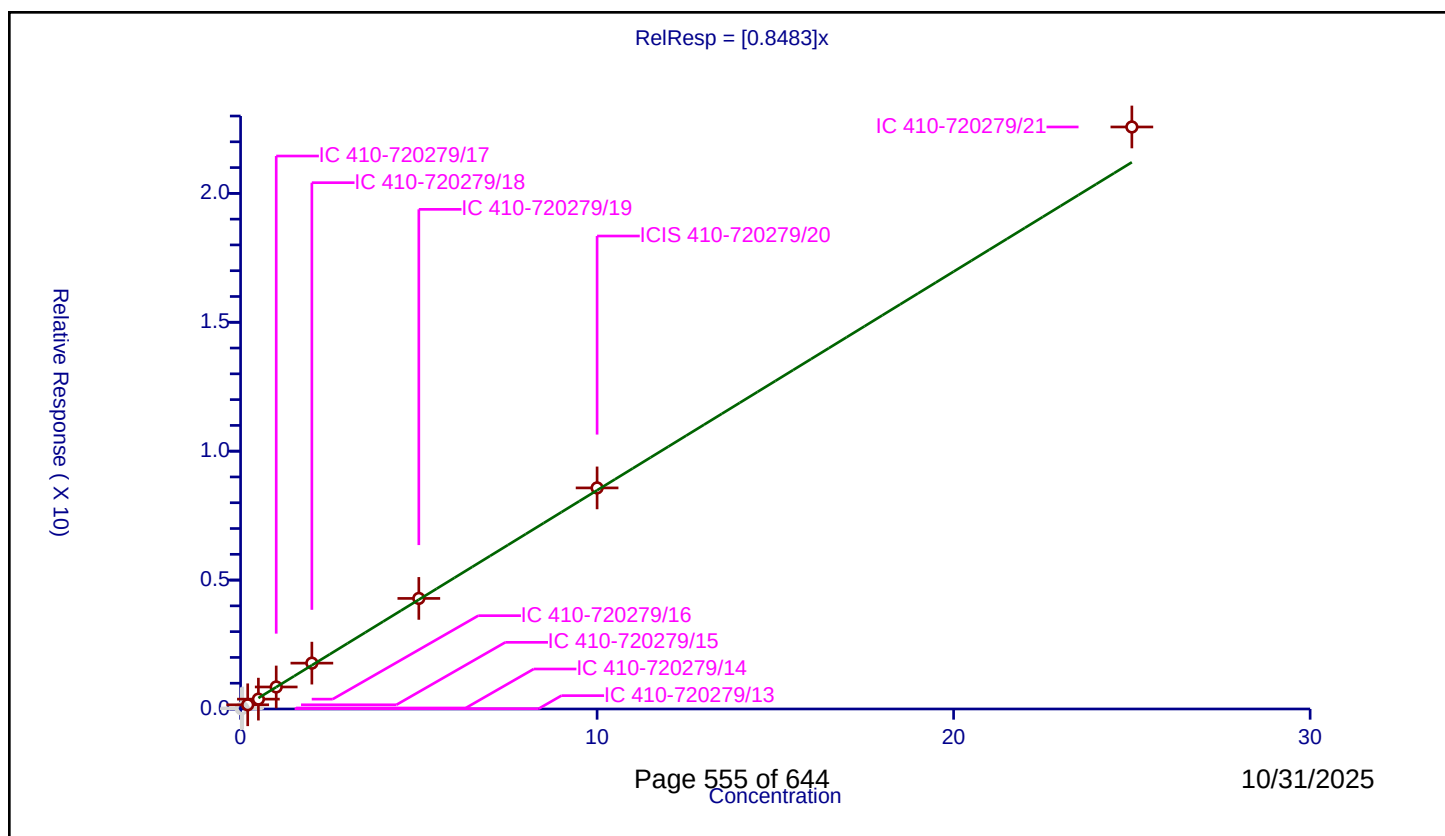
Curve Coefficients

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

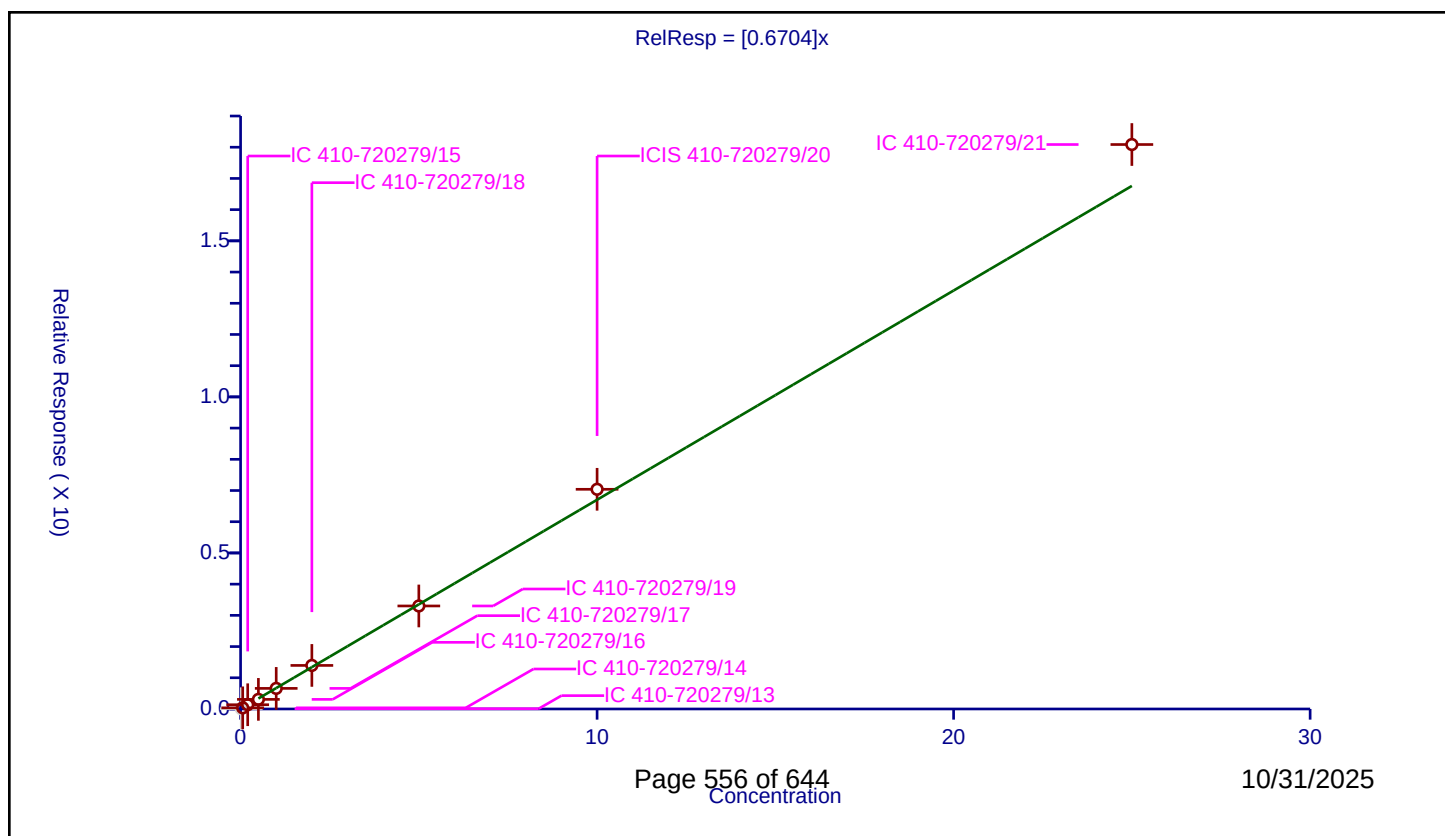
Curve Coefficients

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

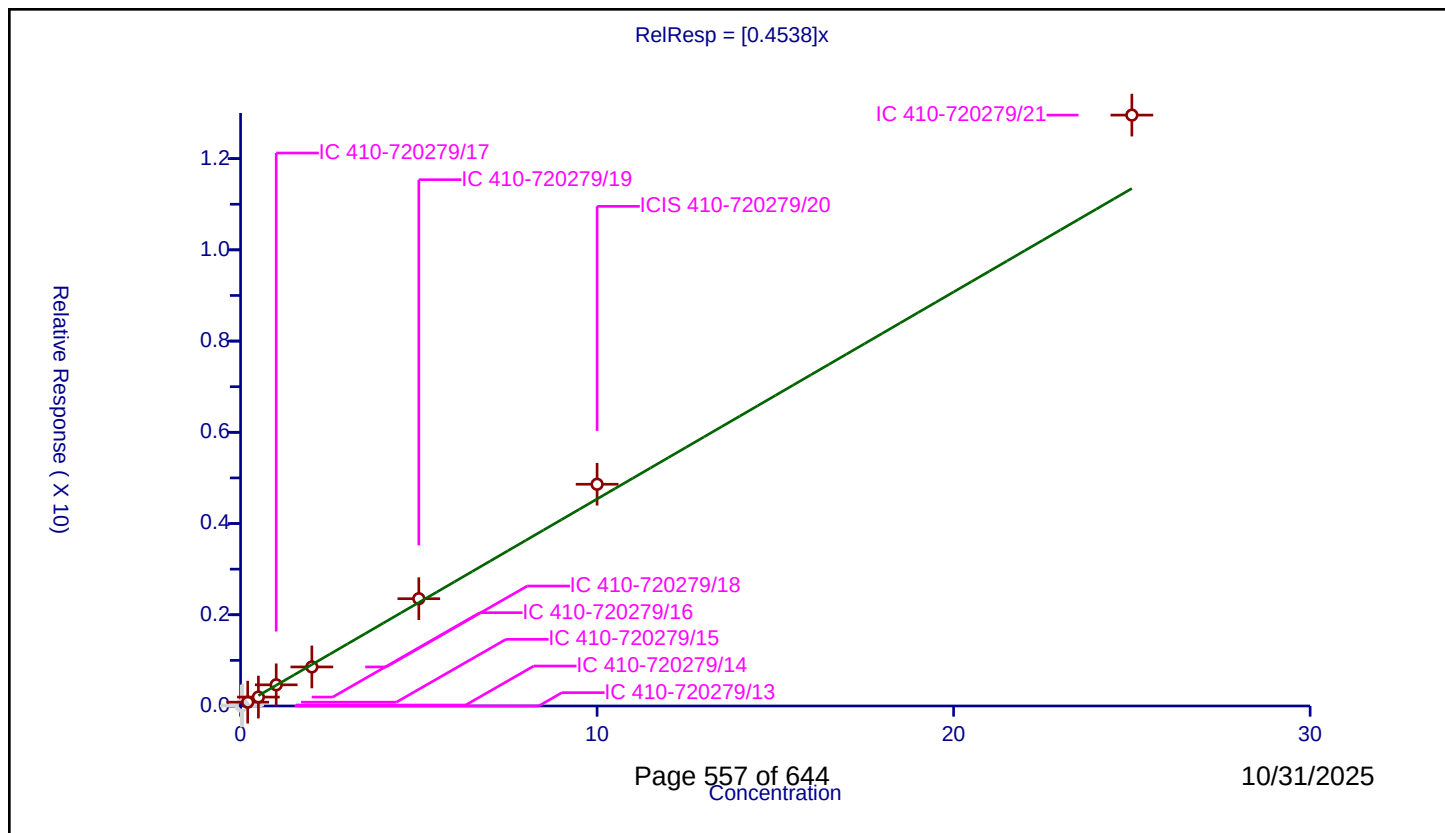
Curve Coefficients

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

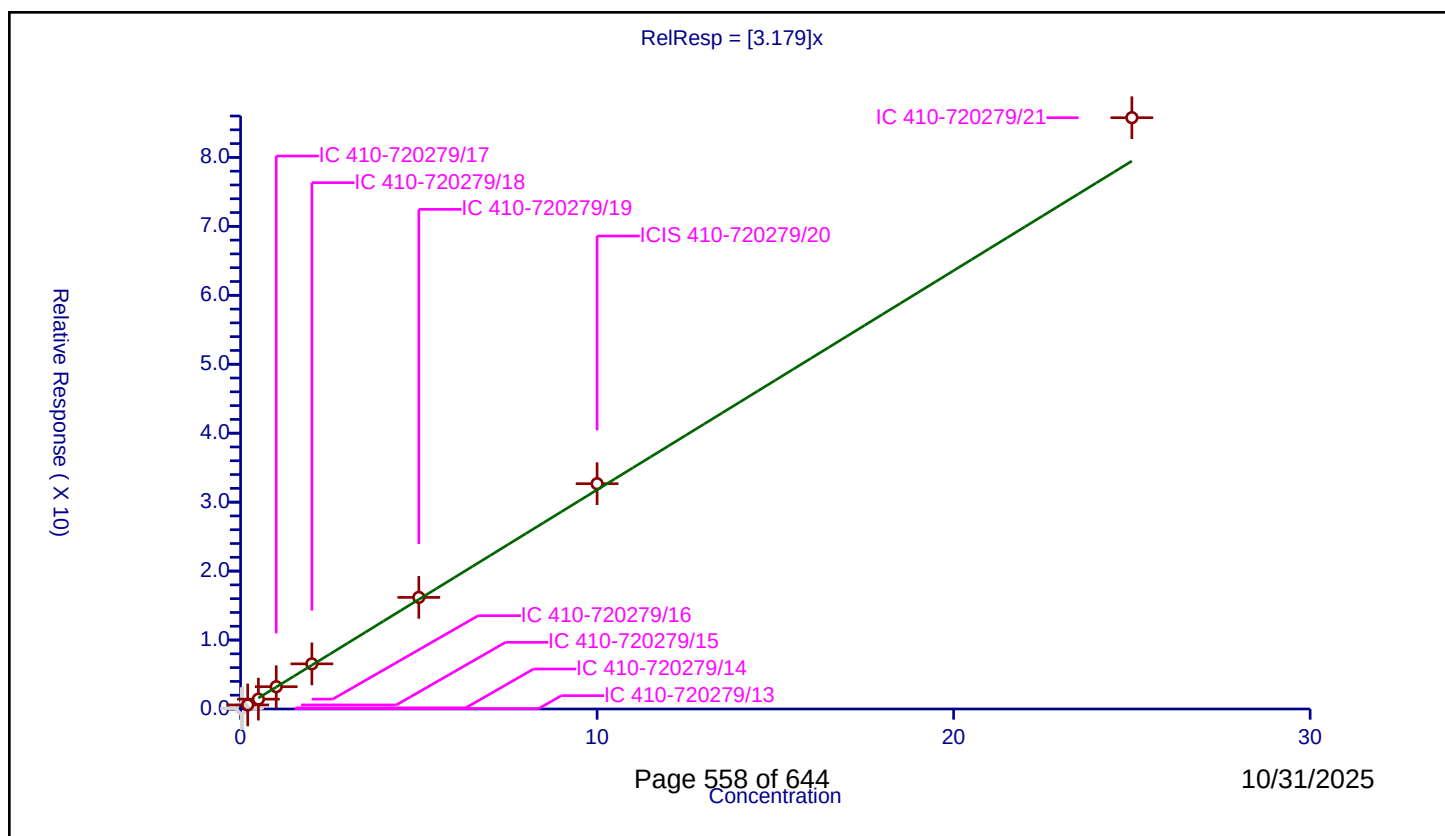
Curve Coefficients

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

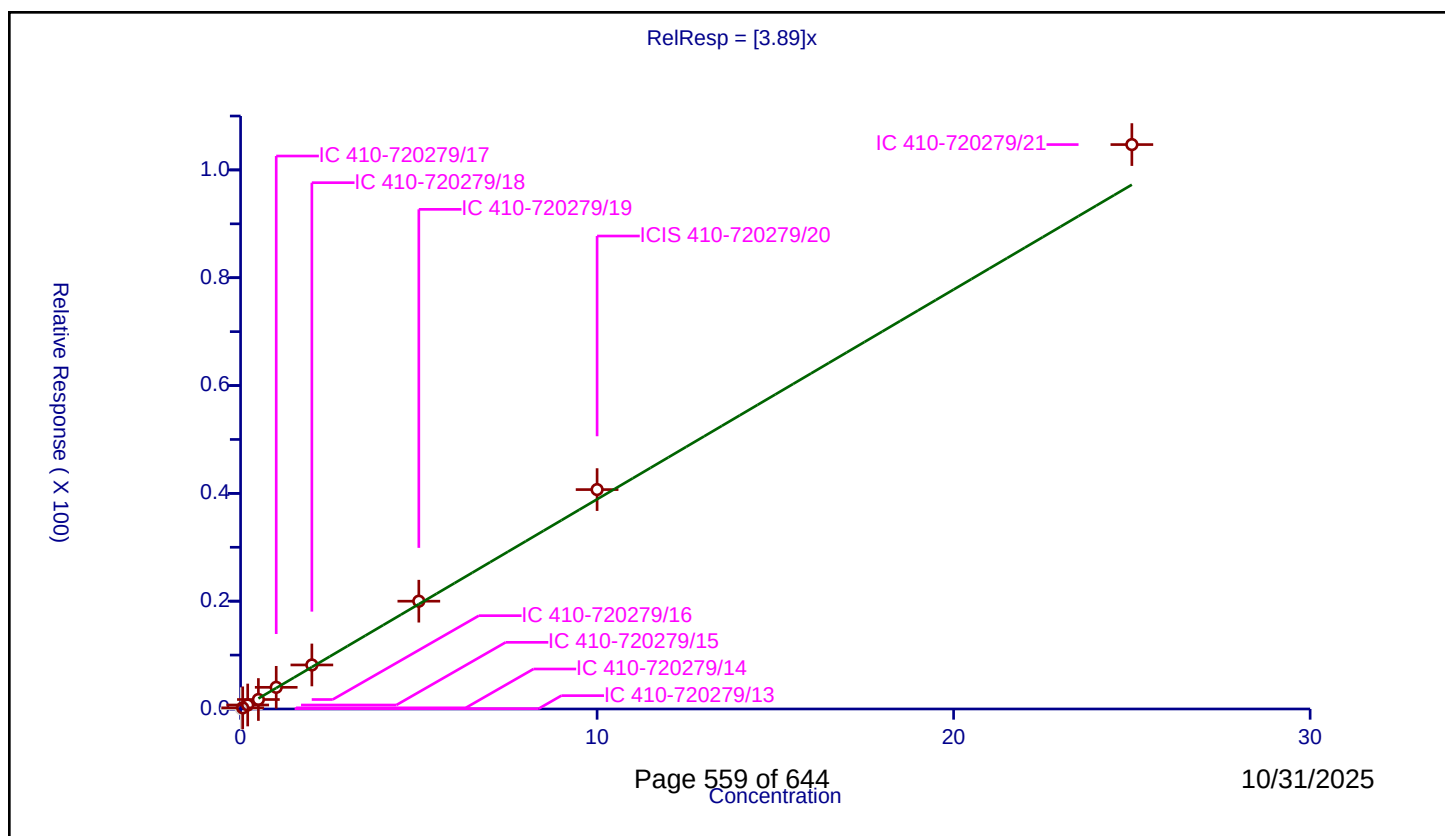
Curve Coefficients

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

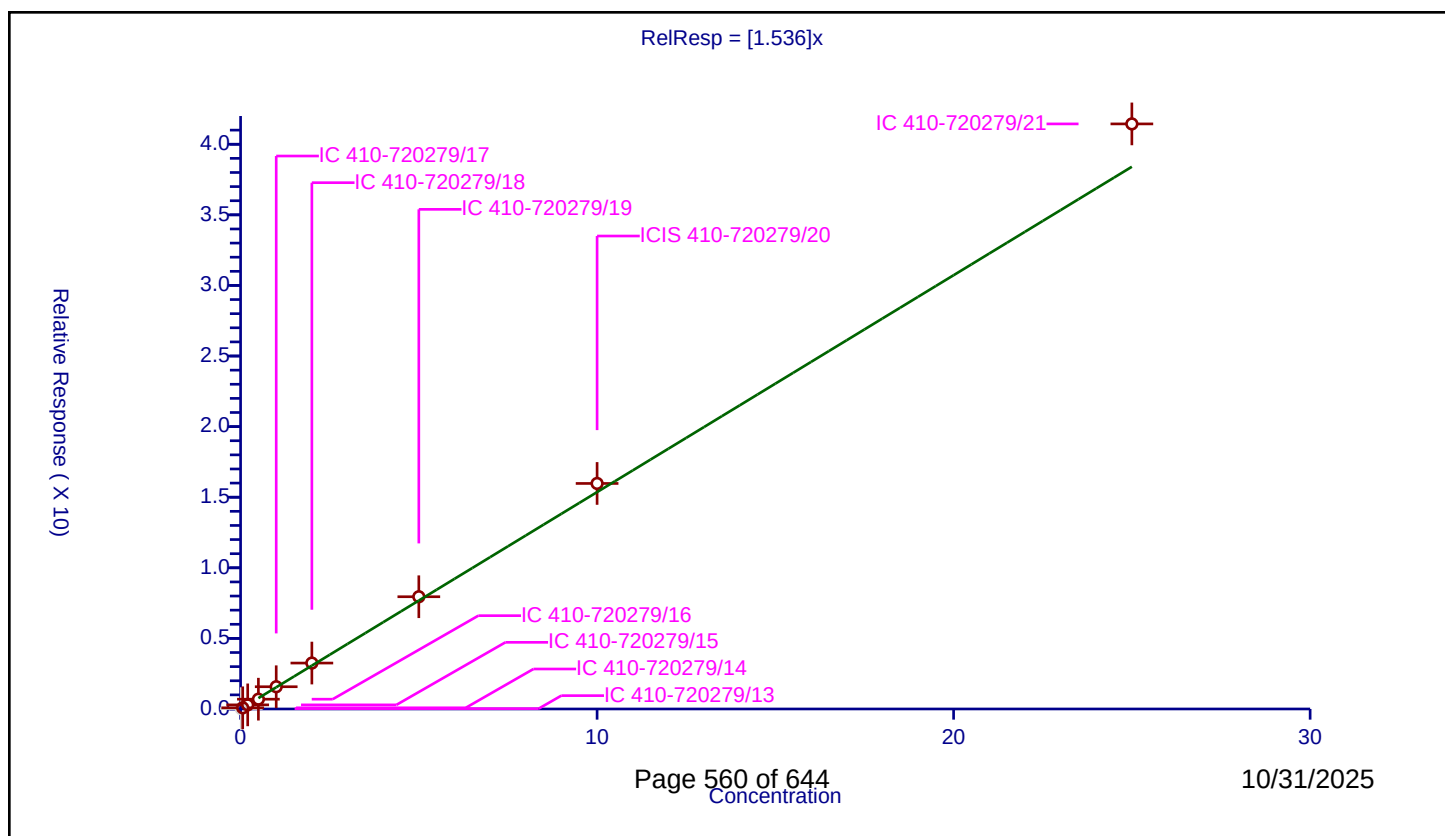
Curve Coefficients

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

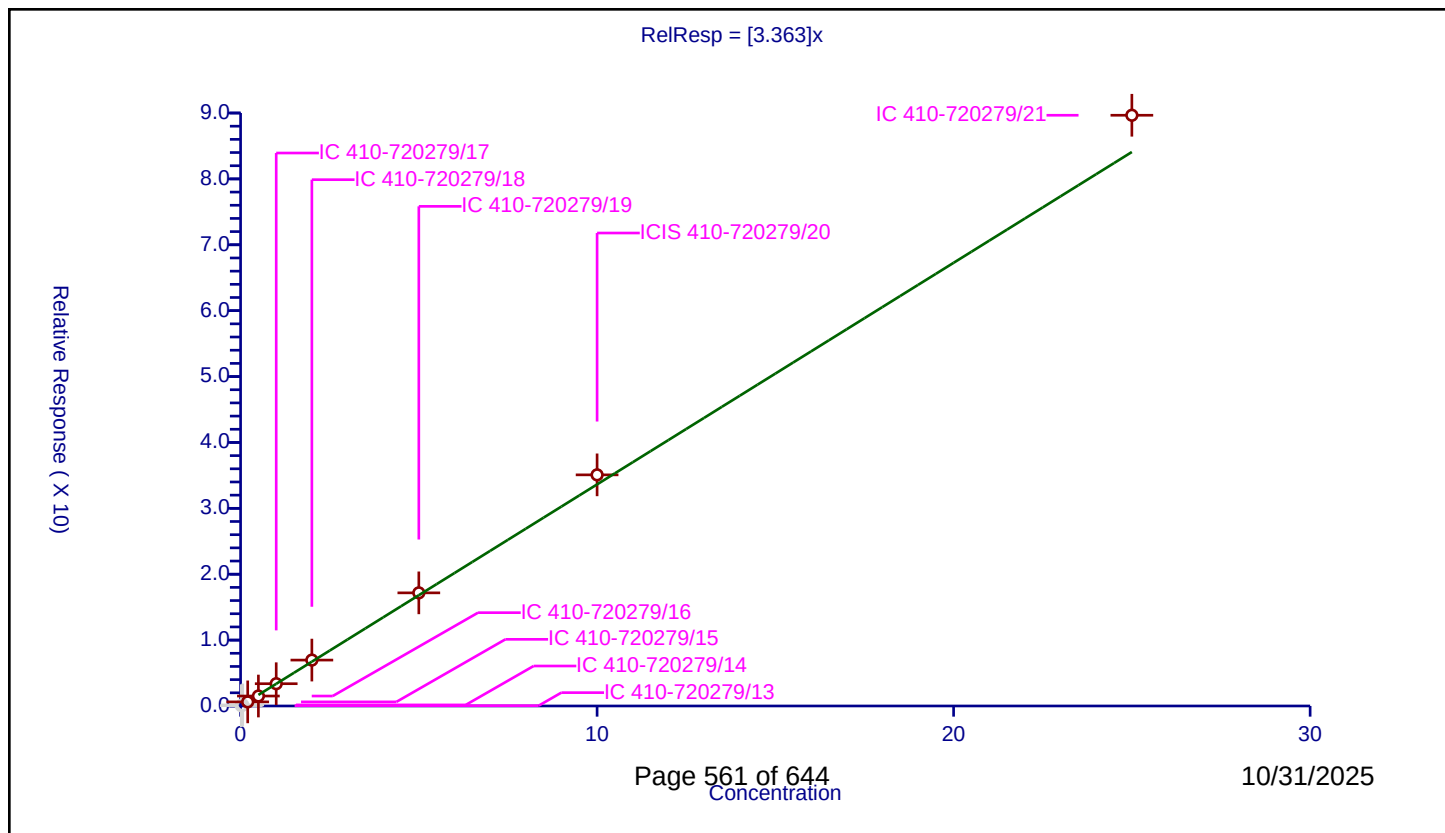
Curve Coefficients

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

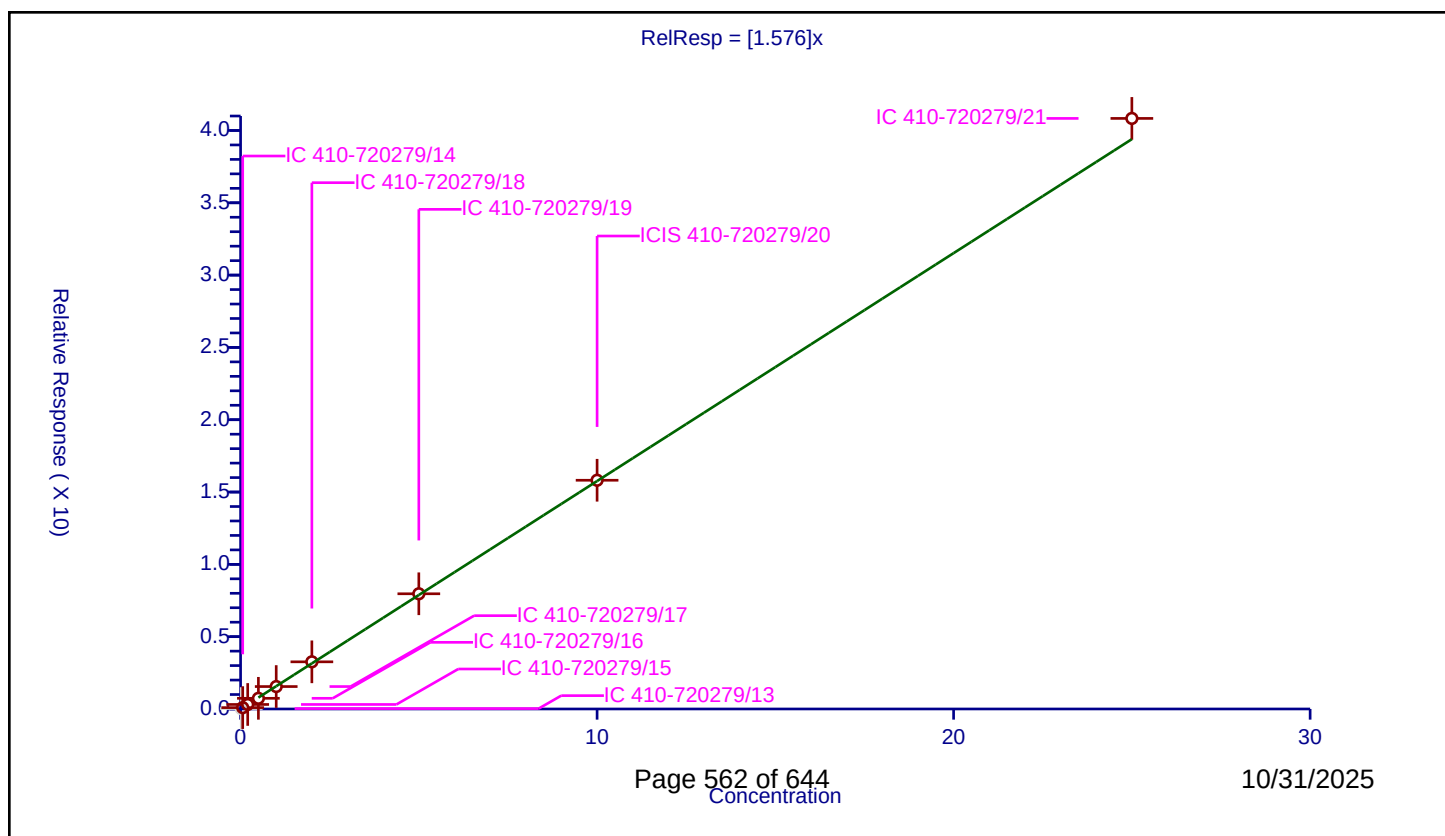
Curve Coefficients

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

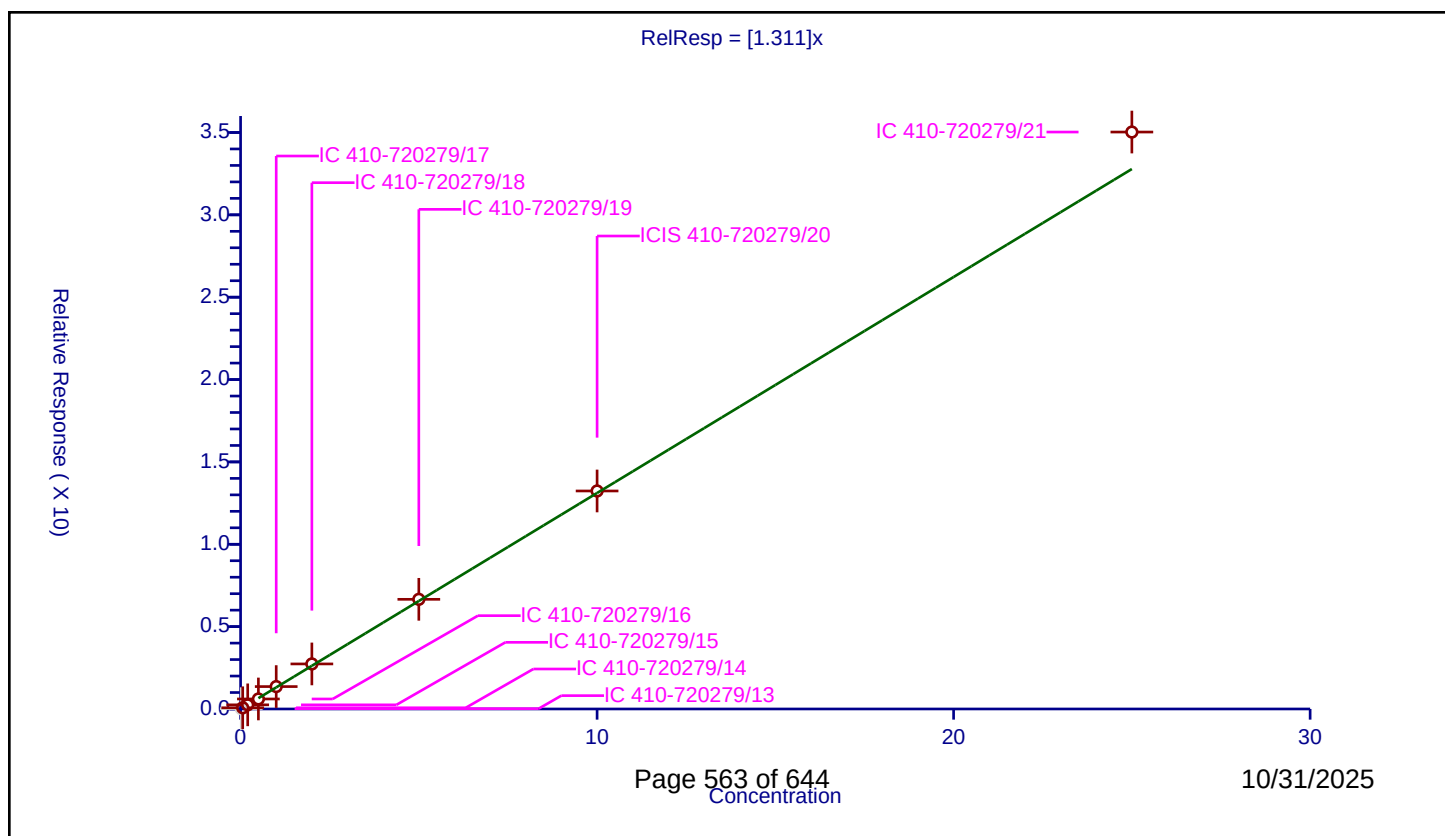
Curve Coefficients

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

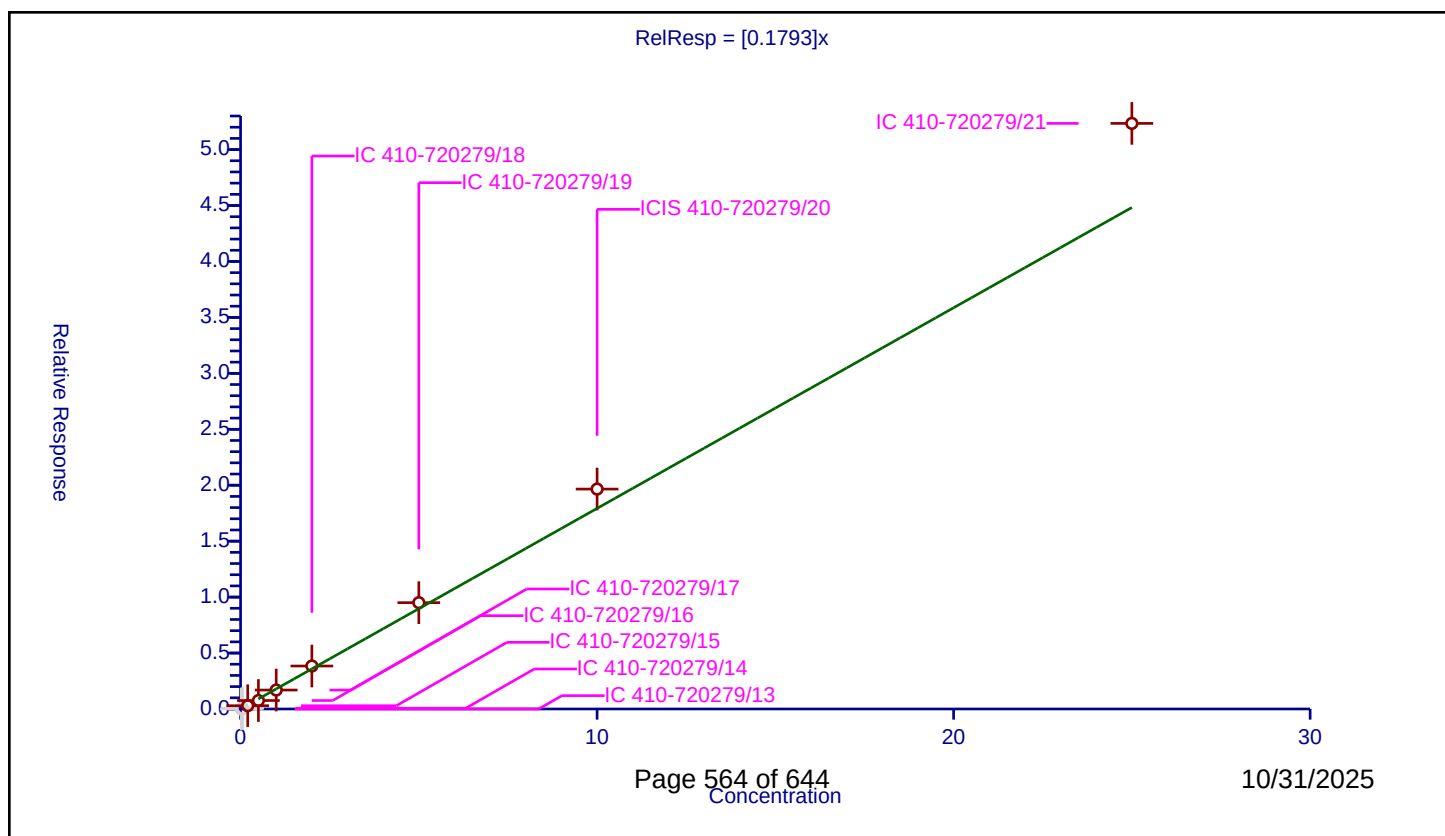
Curve Coefficients

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

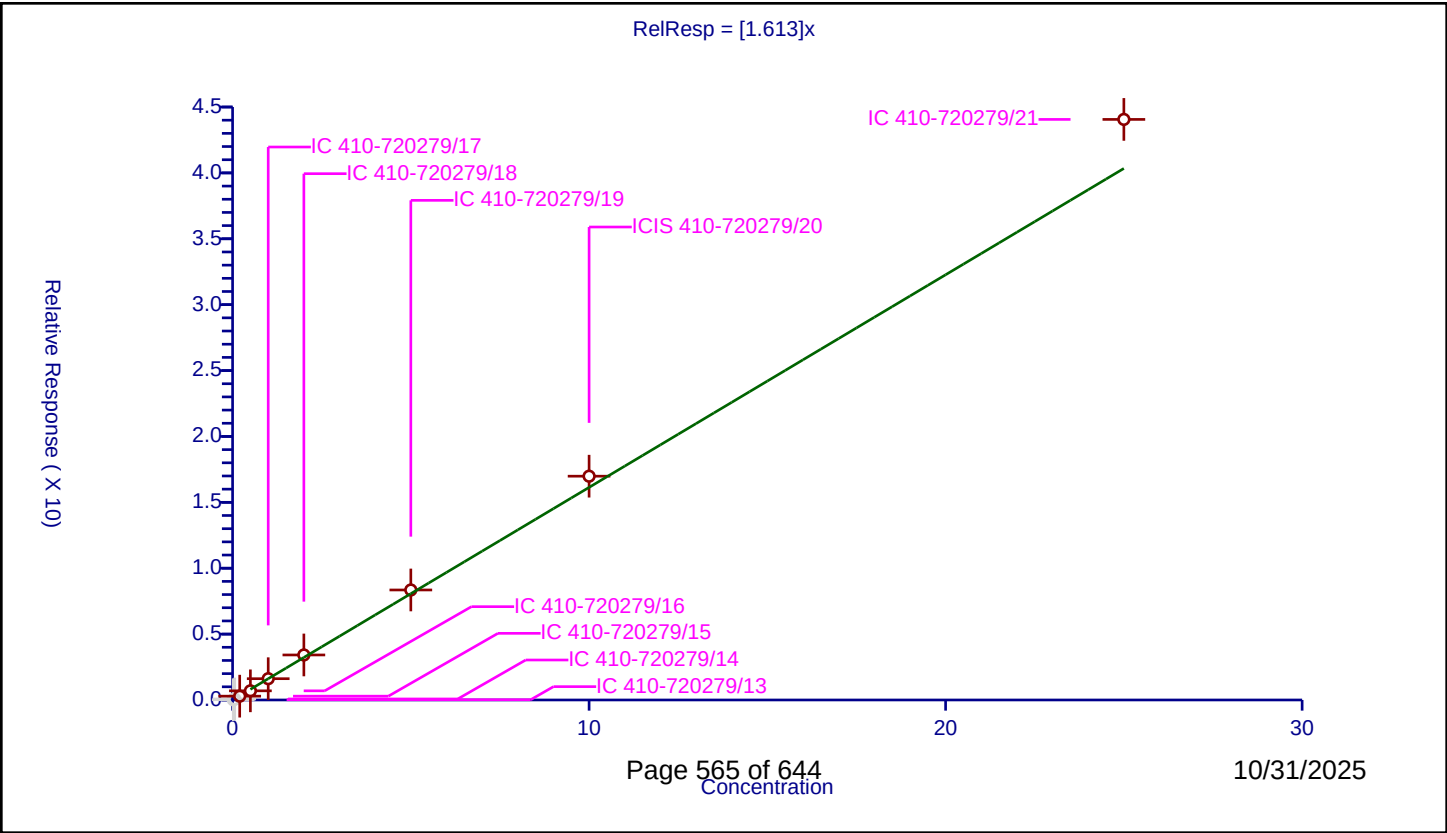
/ n-Butylbenzene

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

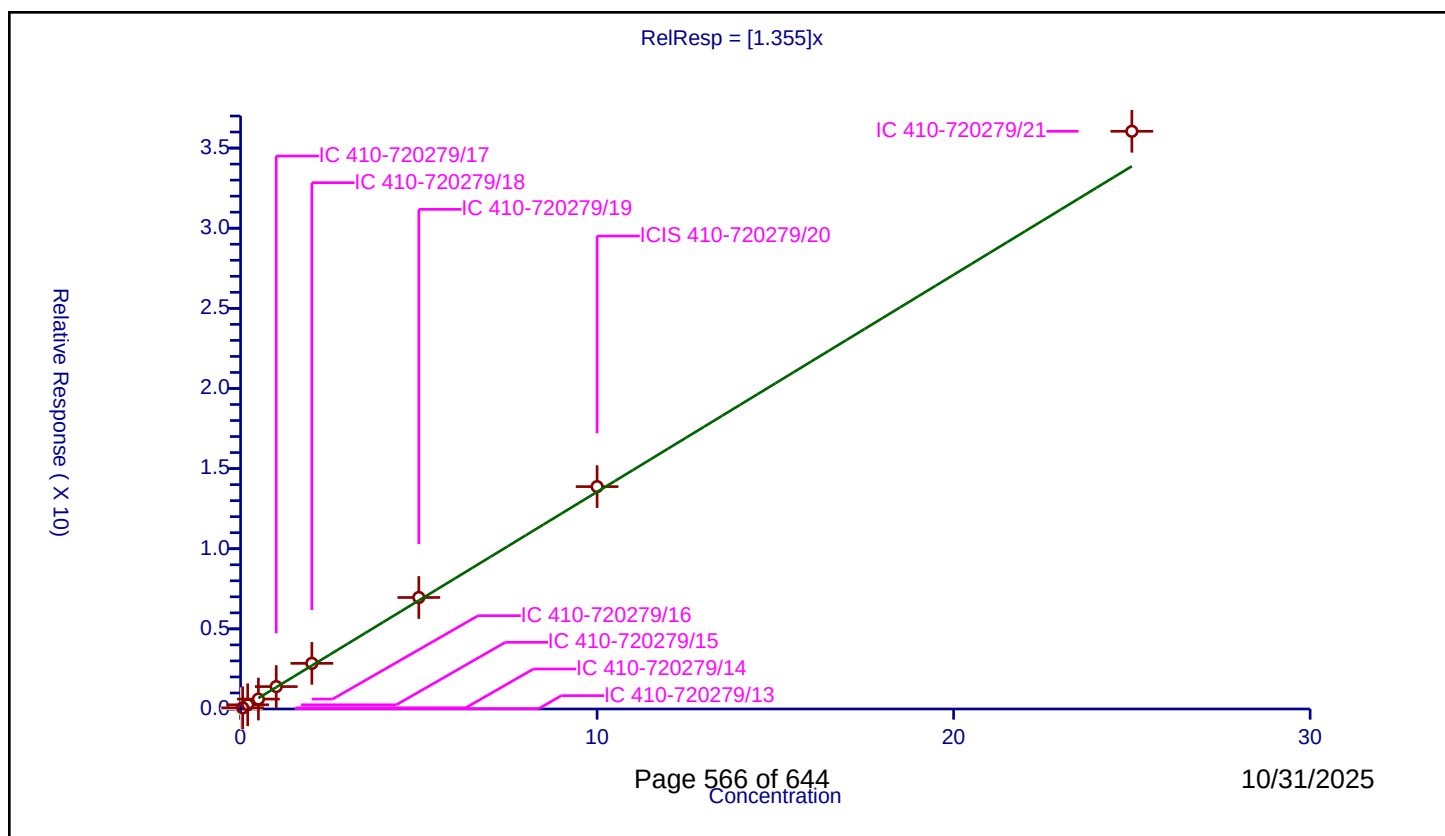
Curve Coefficients

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

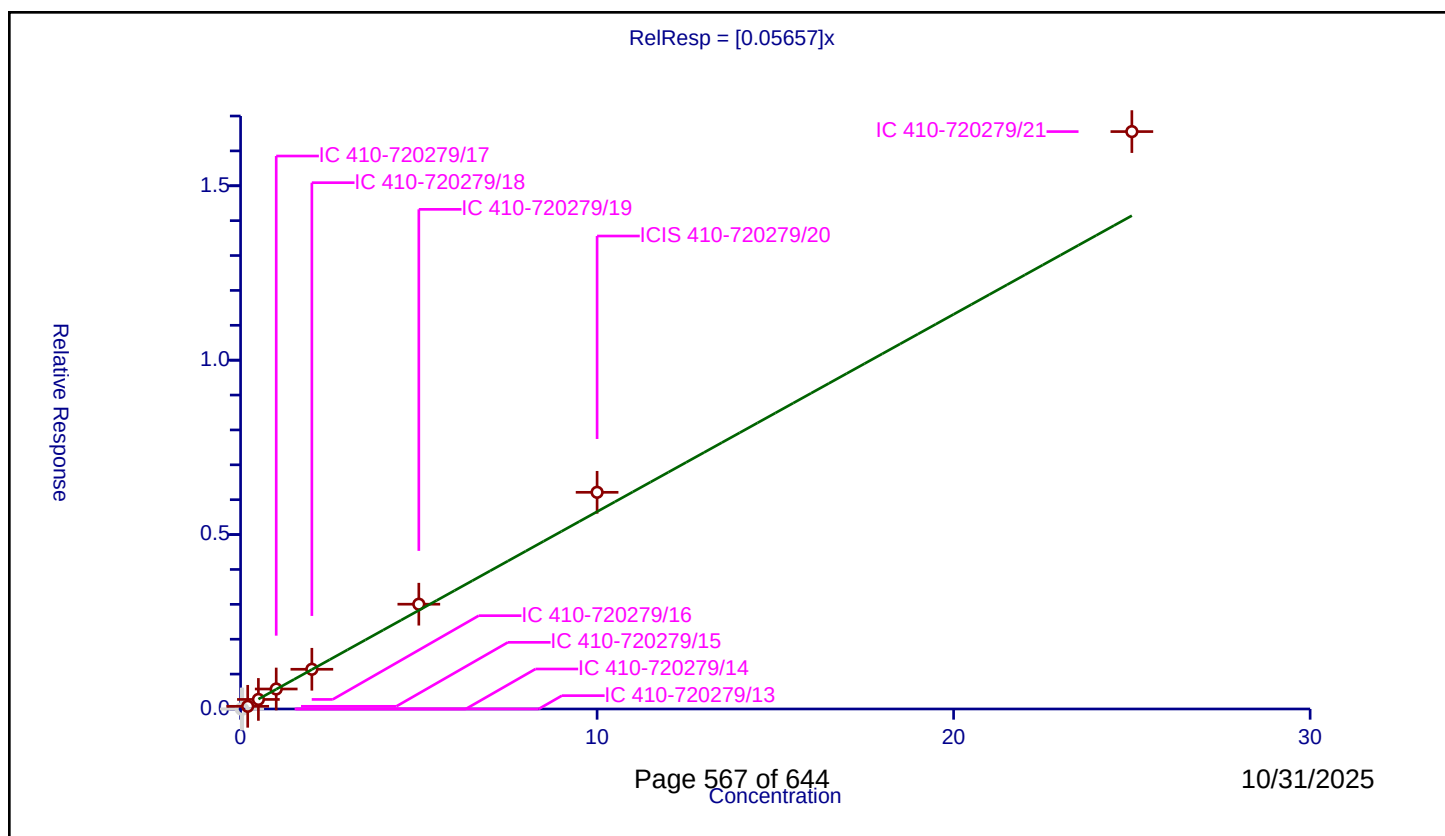
Curve Coefficients

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

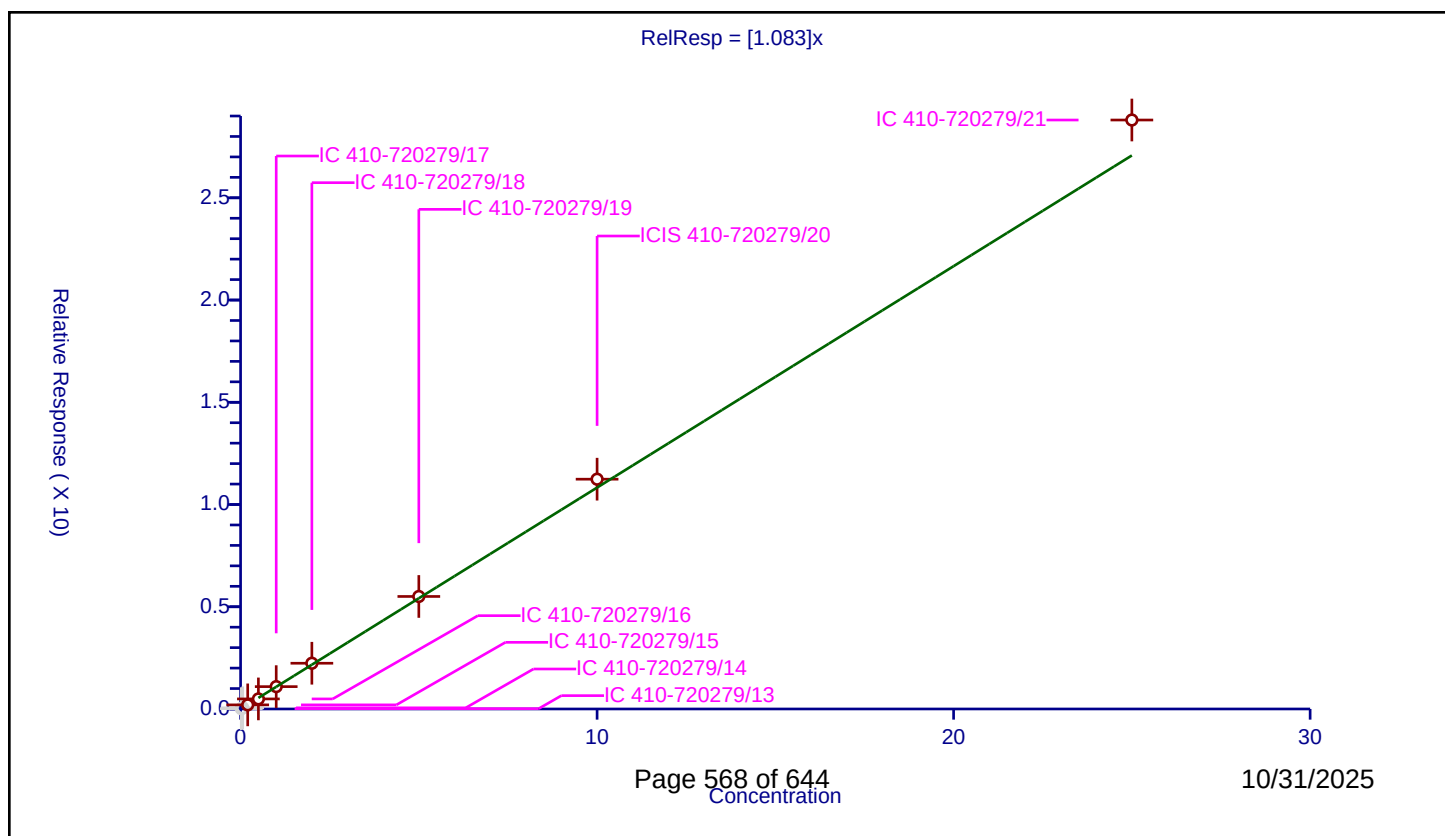
Curve Coefficients

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

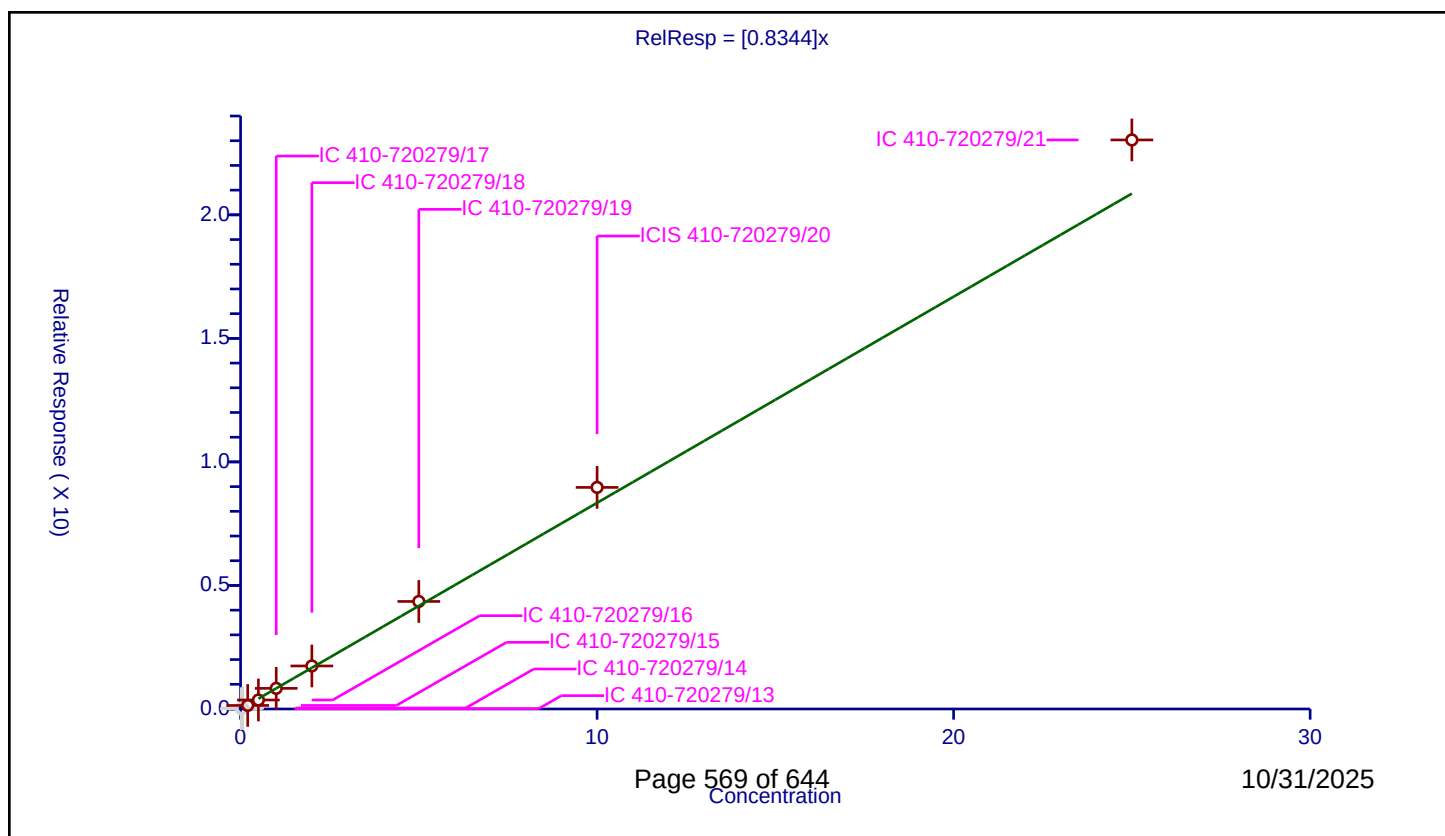
Curve Coefficients

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

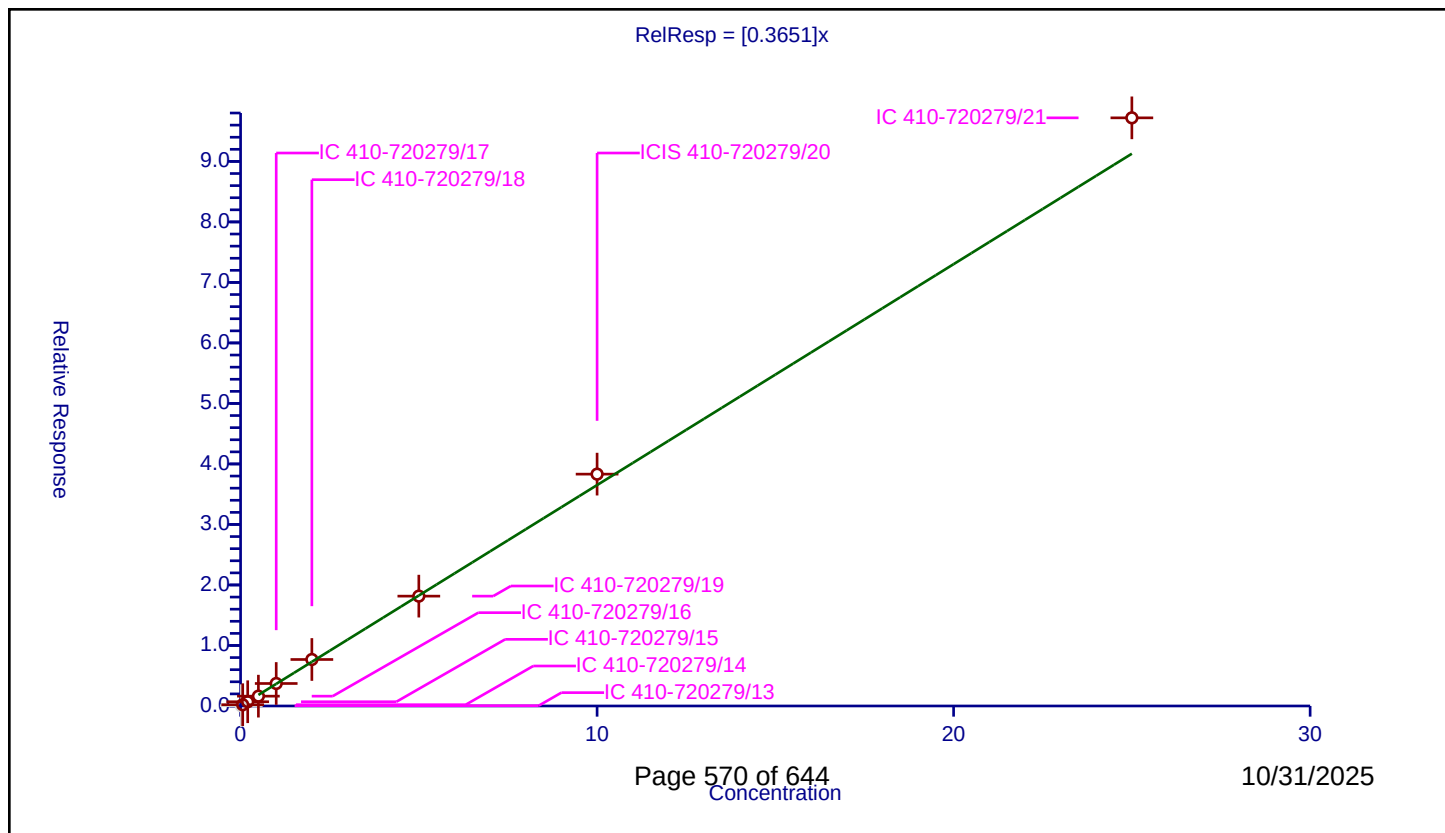
Curve Coefficients

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

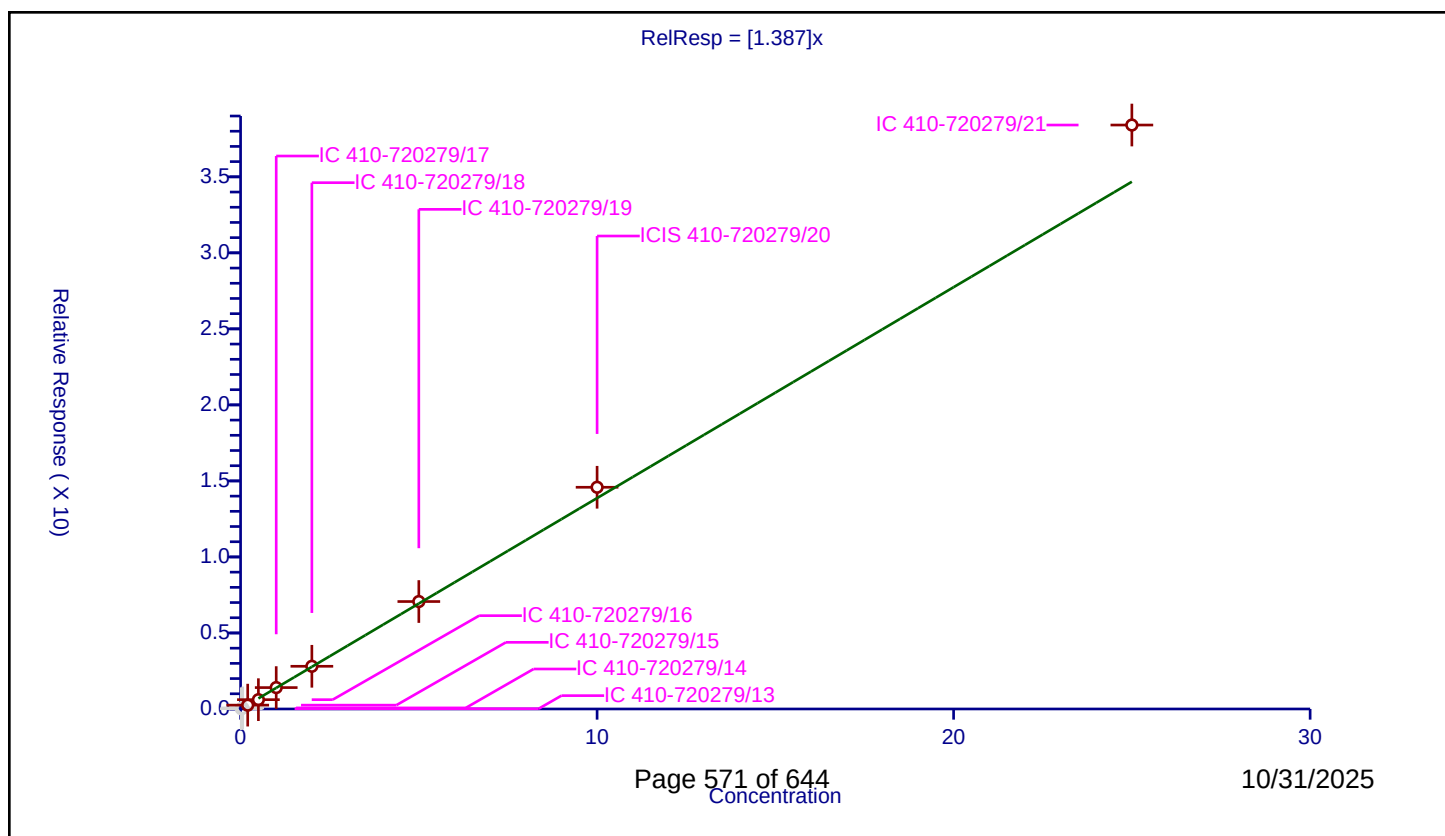
Curve Coefficients

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

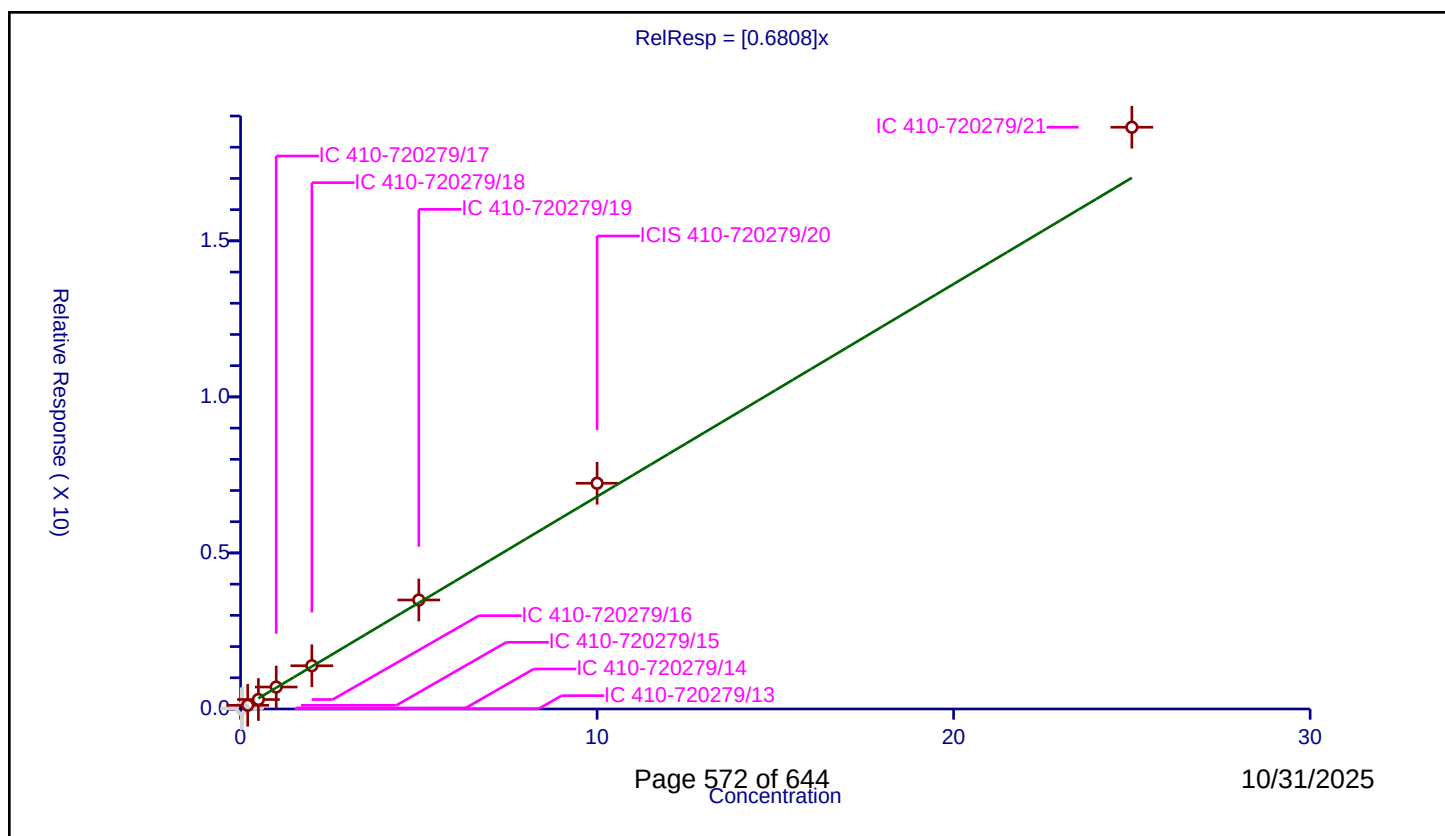
Curve Coefficients

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 VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-249042-1

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.: 410-249042-1

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.: 410-249042-1

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

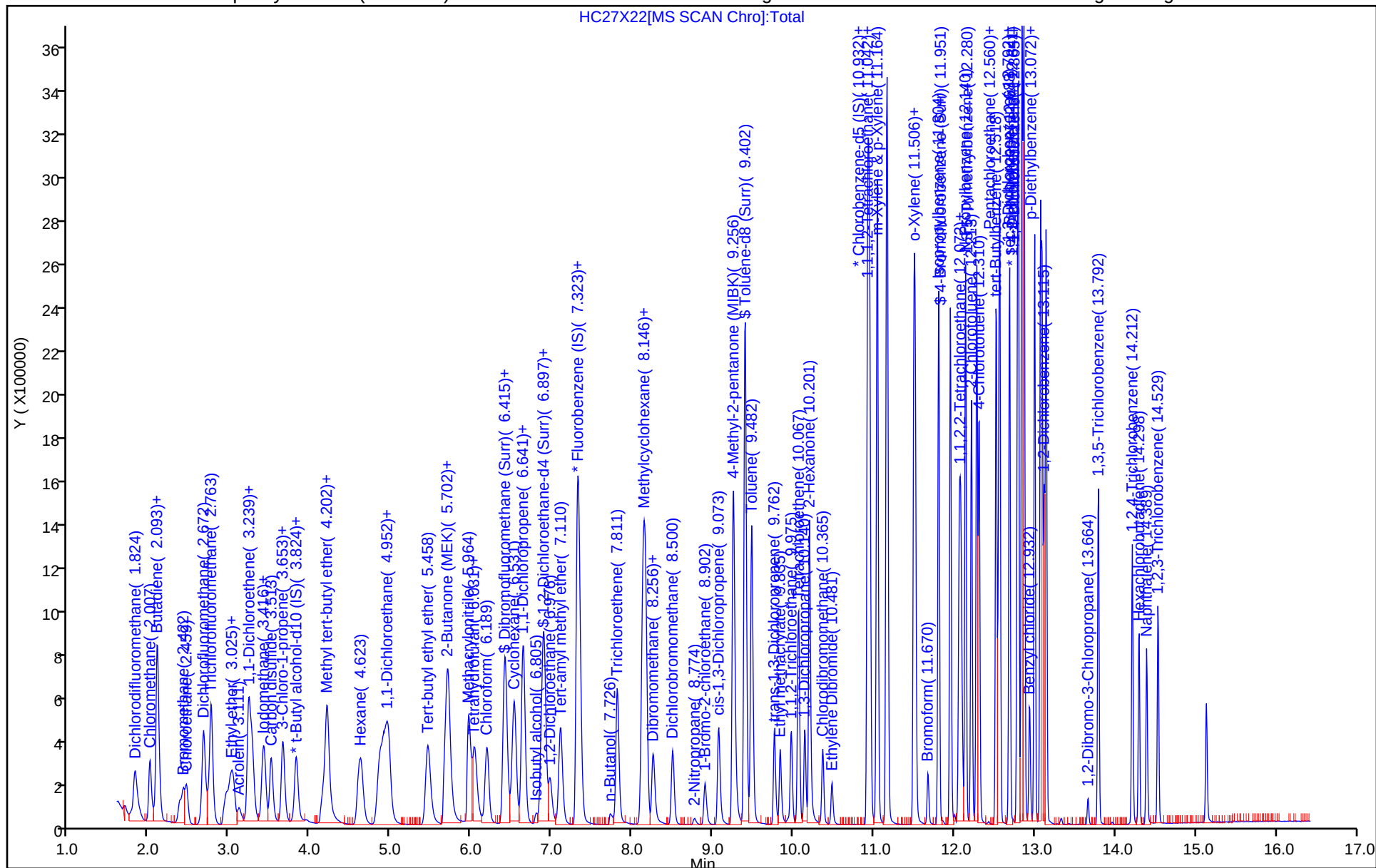
ALS Bottle#: 22

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

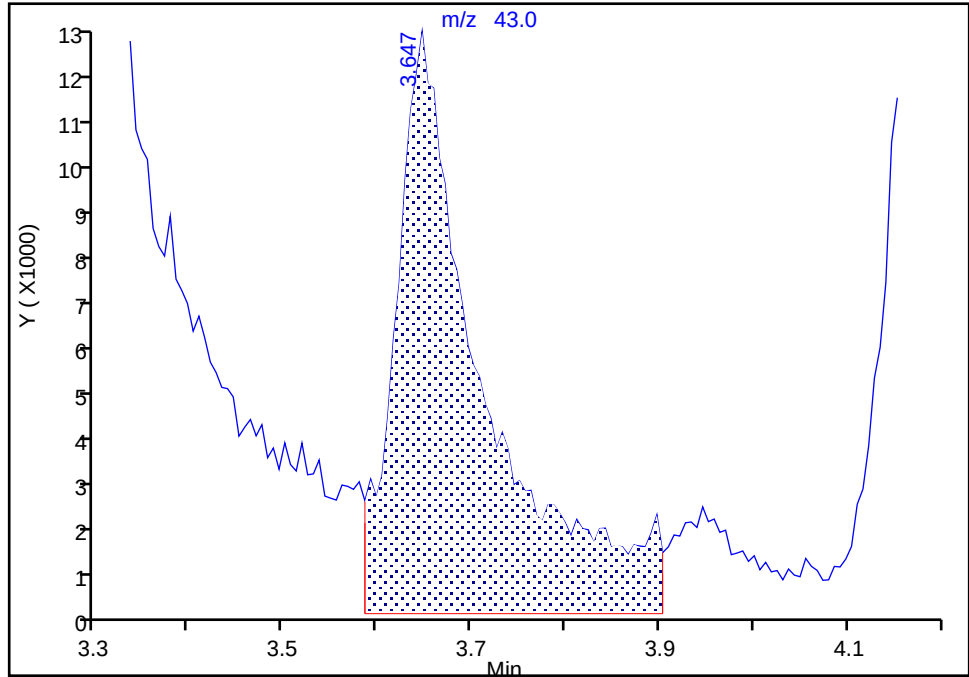
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Injection Date: 27-Oct-2025 21:31:30 Instrument ID: 19094
Lims ID: ICV
Client ID:
Operator ID: ecr105096 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

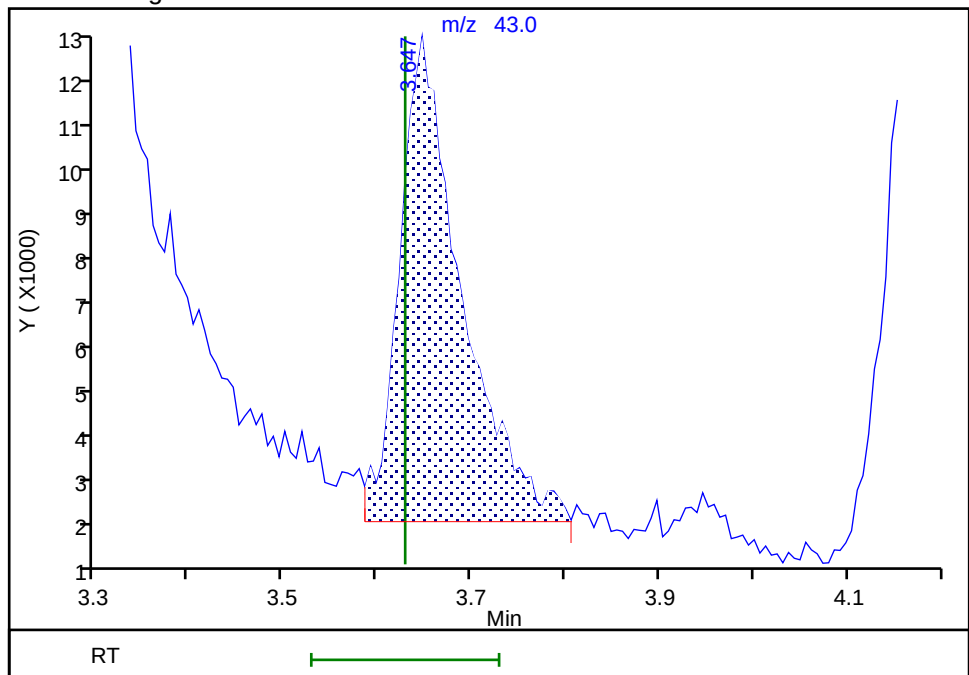
RT: 3.65
Area: 78868
Amount: 6.927731
Amount Units: ug/l

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

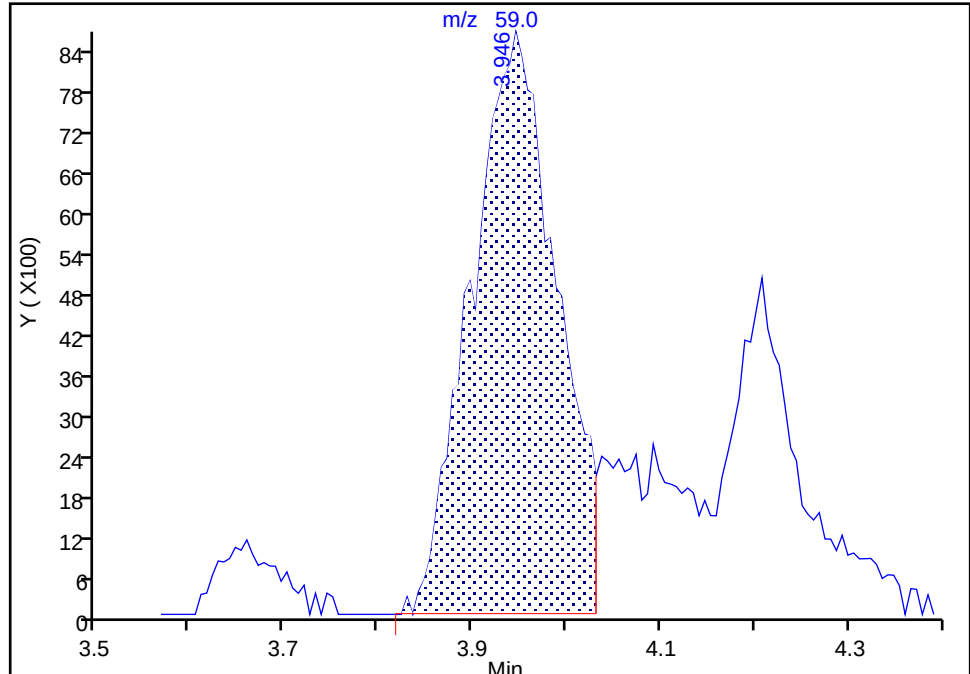
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Injection Date: 27-Oct-2025 21:31:30 Instrument ID: 19094
Lims ID: ICV
Client ID:
Operator ID: ecr105096 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

29 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

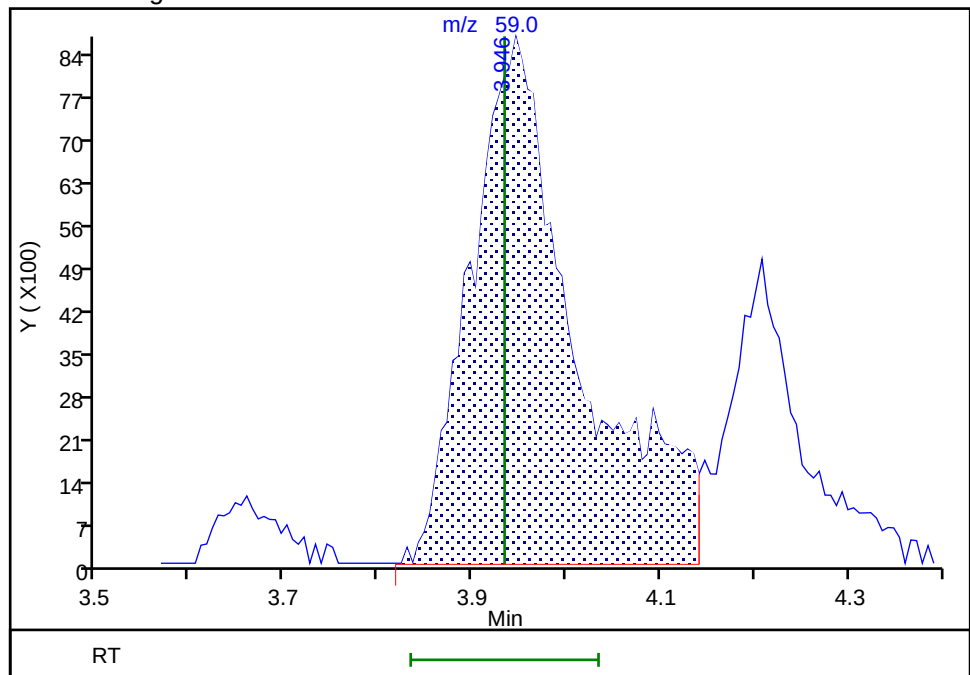
RT: 3.95
Area: 54933
Amount: 43.767165
Amount Units: ug/l

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

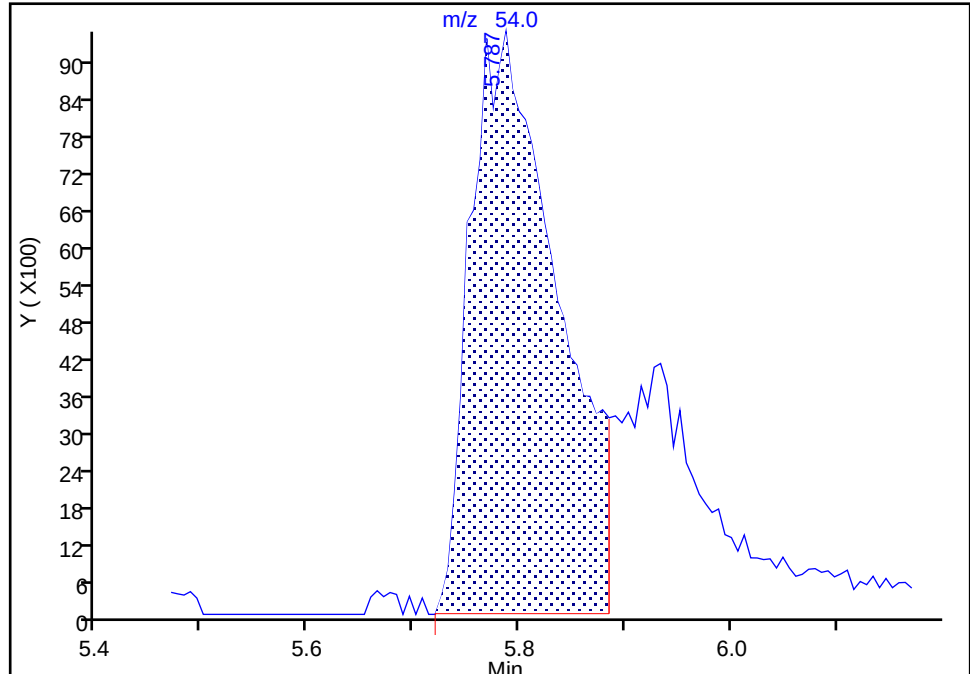
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Injection Date: 27-Oct-2025 21:31:30 Instrument ID: 19094
Lims ID: ICV
Client ID:
Operator ID: ecr105096 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

44 Propionitrile, CAS: 107-12-0

Signal: 1

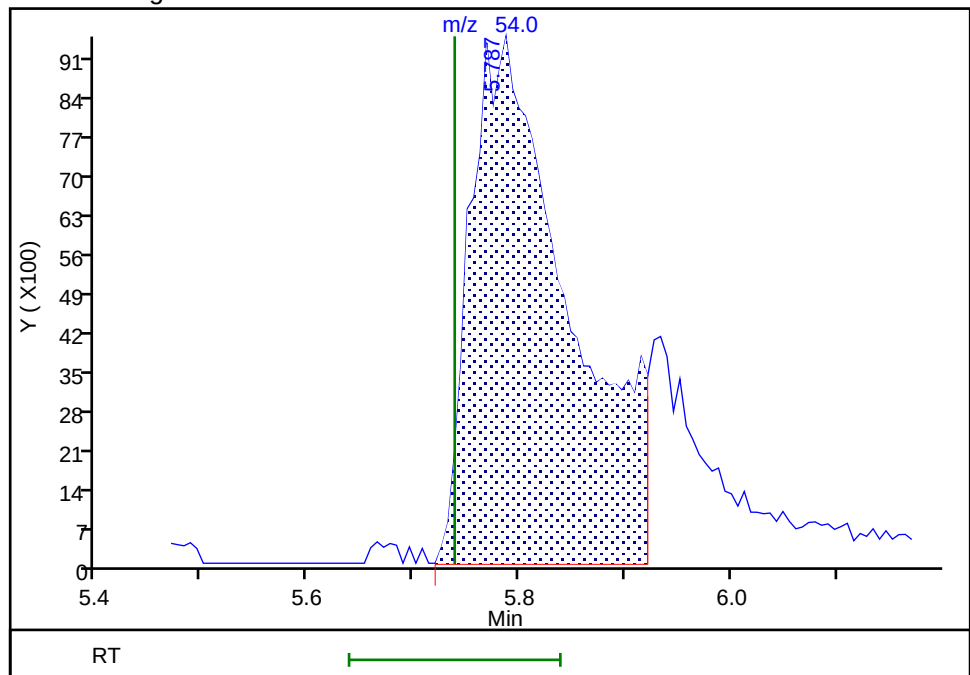
RT: 5.79
Area: 54320
Amount: 33.138541
Amount Units: ug/l

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

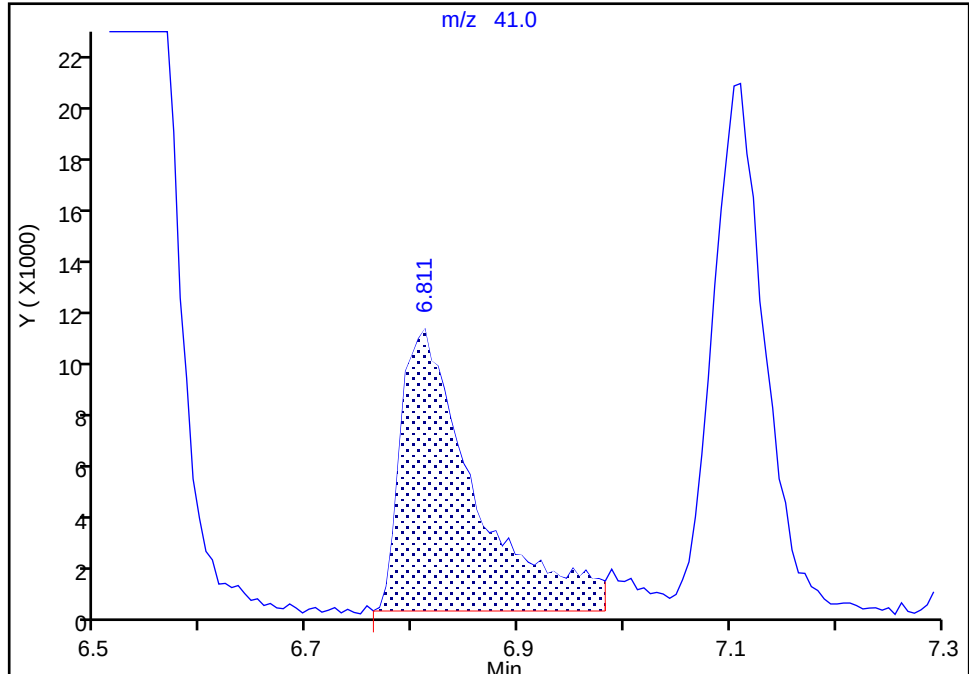
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Injection Date: 27-Oct-2025 21:31:30 Instrument ID: 19094
Lims ID: ICV
Client ID:
Operator ID: ecr105096 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

57 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

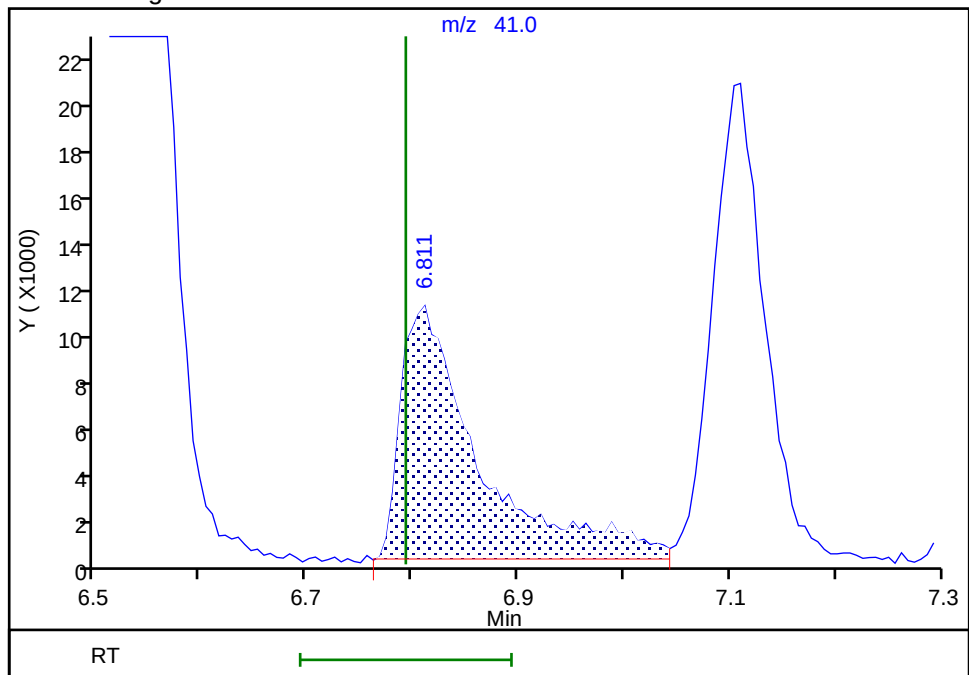
RT: 6.81
Area: 53171
Amount: 98.801771
Amount Units: ug/l

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

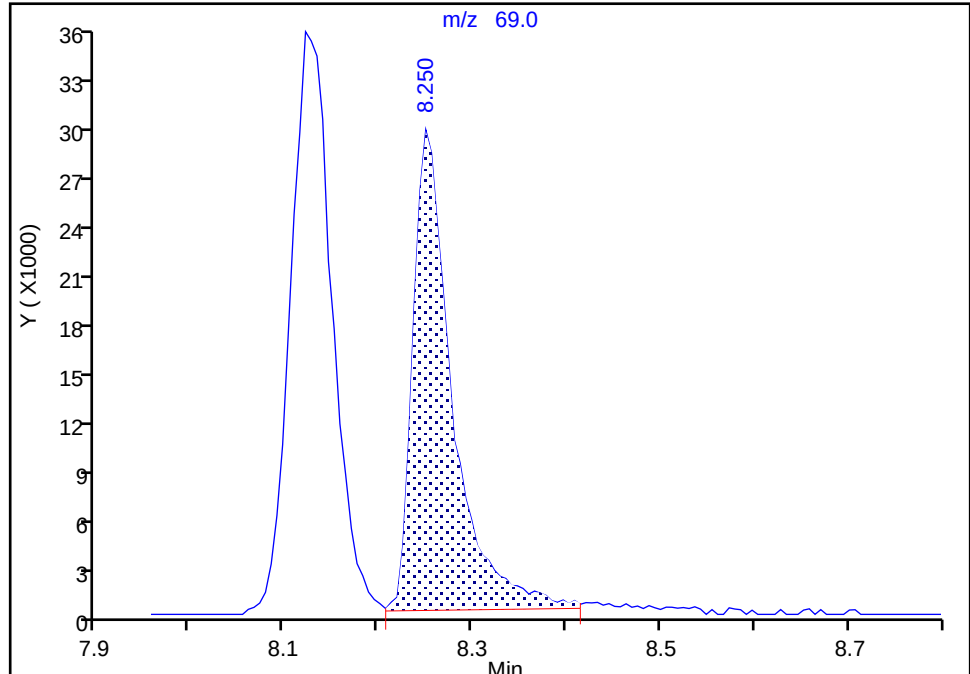
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Injection Date: 27-Oct-2025 21:31:30 Instrument ID: 19094
Lims ID: ICV
Client ID:
Operator ID: ecr105096 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 Methyl methacrylate, CAS: 80-62-6

Signal: 1

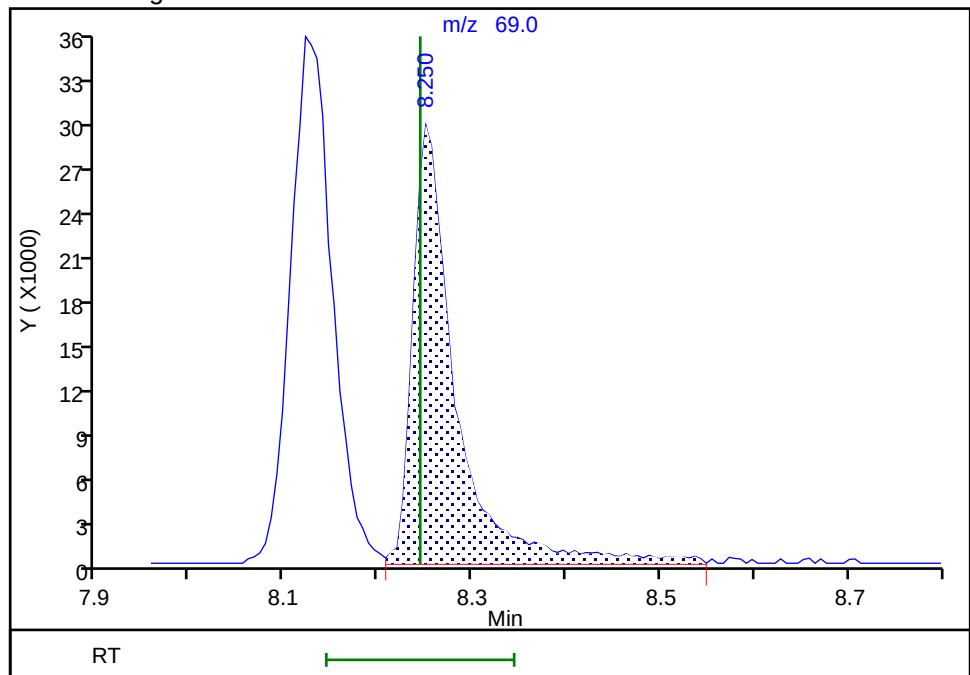
RT: 8.25
Area: 84367
Amount: 3.813265
Amount Units: ug/l

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

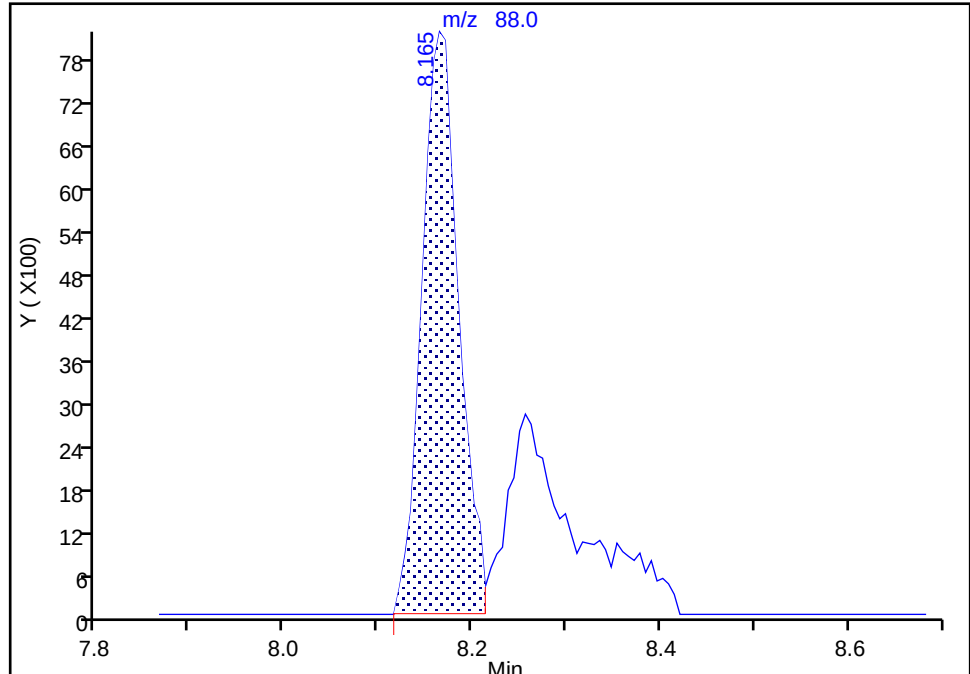
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Injection Date: 27-Oct-2025 21:31:30 Instrument ID: 19094
Lims ID: ICV
Client ID:
Operator ID: ecr105096 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

73 1,4-Dioxane, CAS: 123-91-1

Signal: 1

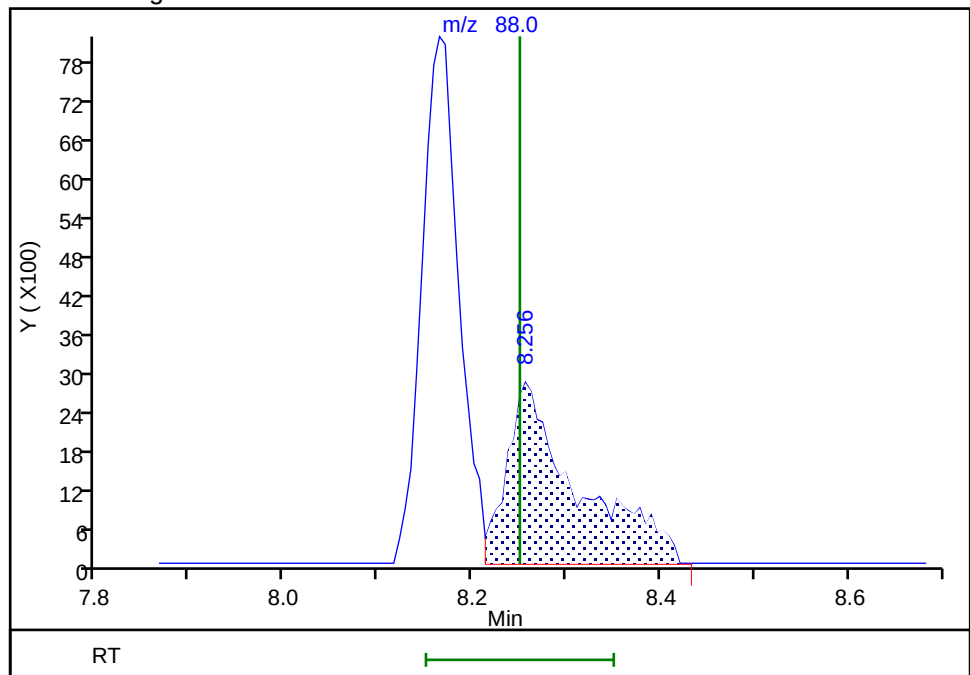
RT: 8.16
Area: 22226
Amount: 421.9983
Amount Units: ug/l

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.: 410-249042-1

SDG No.:

Lab Sample ID: CCVIS 410-722416/3

Calibration Date: 10/30/2025 21:04

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: HC30X32.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	0.3216	0.1000	8.15	10.0	-19.0	20.0
Chloromethane	Ave	0.4505	0.4042	0.1000	8.97	10.0	-10.0	20.0
1,3-Butadiene	Ave	0.4763	0.5473		11.5	10.0	15.0	20.0
Vinyl chloride	Ave	0.4286	0.3992	0.1000	9.31	10.0	-7.0	20.0
Bromomethane	Ave	0.2773	0.2657	0.1000	9.58	10.0	-4.0	20.0
Chloroethane	Ave	0.2279	0.2208	0.1000	9.68	10.0	-3.0	20.0
Dichlorofluoromethane	Ave	0.6290	0.6081		9.67	10.0	-3.0	20.0
Trichlorofluoromethane	Ave	0.5417	0.5405	0.1000	9.98	10.0	0.0	20.0
Ethyl ether	Ave	0.1545	0.1675		10.8	10.0	8.0	20.0
Freon 123a	Ave	0.3629	0.3696		10.2	10.0	2.0	20.0
Acrolein	Ave	3.063	2.654		423	488	-13.0	20.0
1,1-Dichloroethene	Ave	0.2425	0.2491	0.1000	10.3	10.0	3.0	20.0
Acetone	Ave	3.618	3.612	0.1000	99.9	100	0.0	20.0
Freon 113	Ave	0.2502	0.2788	0.1000	11.1	10.0	11.0	20.0
Methyl iodide	Ave	0.4438	0.4637		10.4	10.0	4.0	20.0
Ethyl bromide	Ave	0.2220	0.2294		10.3	9.99	3.0	20.0
Carbon disulfide	Ave	0.6900	0.6930	0.1000	10.0	10.0	0.0	20.0
Methyl acetate	Ave	6.931	8.336	0.1000	12.0	10.0	20.0	20.0
Allyl chloride	Ave	0.4221	0.4371		10.4	10.0	4.0	20.0
Methylene Chloride	Ave	0.2445	0.2587	0.1000	10.6	10.0	6.0	20.0
t-Butyl alcohol	Ave	0.8616	1.109		257	200	29.0*	20.0
Acrylonitrile	Lin		4.863		23.9	25.0	-4.0	20.0
Methyl tert-butyl ether	Ave	0.5376	0.5515	0.1000	10.3	10.0	3.0	20.0
trans-1,2-Dichloroethene	Ave	0.2677	0.2842	0.1000	10.6	10.0	6.0	20.0
n-Hexane	Ave	0.3809	0.4240		11.1	10.0	11.0	20.0
1,1-Dichloroethane	Ave	0.4984	0.5268	0.2000	10.6	10.0	6.0	20.0
di-Isopropyl ether	Ave	0.8001	0.8645		10.8	10.0	8.0	20.0
2-Chloro-1,3-butadiene	Ave	0.4410	0.4718		10.7	10.0	7.0	20.0
Ethyl t-butyl ether	Ave	0.7217	0.7563		10.5	10.0	5.0	20.0
2-Butanone (MEK)	Lin1		6.455	0.1000	101	100	1.0	20.0
cis-1,2-Dichloroethene	Ave	0.2835	0.3090	0.1000	10.9	10.0	9.0	20.0
2,2-Dichloropropane	Ave	0.4462	0.4655		10.4	10.0	4.0	20.0
Propionitrile	Qua		1.522		222	200	11.0	20.0
Methacrylonitrile	Ave	6.535	7.078		108	100	8.0	20.0
Bromochloromethane	Ave	0.1071	0.1180		11.0	10.0	10.0	20.0
Tetrahydrofuran	Ave	1.826	1.924		52.7	50.0	5.0	20.0
Chloroform	Ave	0.4861	0.5205	0.2000	10.7	10.0	7.0	20.0
1,1,1-Trichloroethane	Ave	0.4591	0.4770	0.1000	10.4	10.0	4.0	20.0
Cyclohexane	Ave	0.5134	0.5507	0.1000	10.7	10.0	7.0	20.0
1,1-Dichloropropene	Ave	0.4009	0.4414		11.0	10.0	10.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-249042-1

SDG No.: _____

Lab Sample ID: CCVIS 410-722416/3

Calibration Date: 10/30/2025 21:04

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: HC30X32.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	0.4247	0.1000	11.0	10.0	10.0	20.0
Isobutyl alcohol	Ave	0.3694	0.4161		563	500	13.0	20.0
Benzene	Ave	1.162	1.228	0.5000	10.6	10.0	6.0	20.0
1,2-Dichloroethane	Ave	0.2585	0.2779	0.1000	10.8	10.0	8.0	20.0
t-Amyl methyl ether	Ave	0.6034	0.6438		10.7	10.0	7.0	20.0
n-Heptane	Ave	0.3889	0.4388		11.3	10.0	13.0	20.0
n-Butanol	Lin		0.3547		1230	875	41.0*	20.0
Trichloroethene	Ave	0.3048	0.3322	0.2000	10.9	10.0	9.0	20.0
Methylcyclohexane	Ave	0.5199	0.5772	0.1000	11.1	10.0	11.0	20.0
1,2-Dichloropropane	Ave	0.2729	0.2996	0.1000	11.0	10.0	10.0	20.0
Methyl methacrylate	Ave	13.30	14.22		10.7	10.0	7.0	20.0
1,4-Dioxane	Ave	0.0362	0.0687	0.0050	950	500	90.0*	20.0
Dibromomethane	Ave	0.1071	0.1192		11.1	10.0	11.0	20.0
Bromodichloromethane	Ave	0.3128	0.3449	0.2000	11.0	10.0	10.0	20.0
2-Nitropropane	Ave	4.546	4.528		49.8	50.0	0.0	20.0
1-Bromo-2-chloroethane	Ave	0.2307	0.2522		10.9	10.0	9.0	20.0
cis-1,3-Dichloropropene	Ave	0.3603	0.4018	0.2000	11.1	10.0	11.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	17.76	17.96	0.1000	101	100	1.0	20.0
Toluene	Ave	1.054	1.093	0.4000	10.4	10.0	4.0	20.0
trans-1,3-Dichloropropene	Ave	0.3849	0.4242	0.1000	11.0	10.0	10.0	20.0
Ethyl methacrylate	Ave	0.2743	0.3088		11.3	10.0	13.0	20.0
1,1,2-Trichloroethane	Ave	0.2187	0.2294	0.1000	10.5	10.0	5.0	20.0
Tetrachloroethene	Ave	0.4766	0.5053	0.2000	10.6	10.0	6.0	20.0
1,3-Dichloropropane	Ave	0.3825	0.4100		10.7	10.0	7.0	20.0
2-Hexanone	Ave	11.30	12.51	0.1000	111	100	11.0	20.0
Dibromochloromethane	Ave	0.2807	0.3015		10.7	10.0	7.0	20.0
1,2-Dibromoethane (EDB)	Ave	0.1979	0.2130	0.1000	10.8	10.0	8.0	20.0
1-Chlorohexane	Ave	0.6109	0.6237		10.2	10.0	2.0	20.0
Chlorobenzene	Ave	1.082	1.154	0.5000	10.7	10.0	7.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3664	0.3871		10.6	10.0	6.0	20.0
Ethylbenzene	Ave	2.054	2.191	0.1000	10.7	10.0	7.0	20.0
m&p-Xylene	Ave	0.8010	0.8476	0.1000	21.2	20.0	6.0	20.0
o-Xylene	Ave	0.7546	0.7984	0.3000	10.6	10.0	6.0	20.0
Styrene	Ave	1.182	1.283	0.3000	10.9	10.0	9.0	20.0
Bromoform	Ave	0.1455	0.1536	0.1000	10.6	10.0	6.0	20.0
Isopropylbenzene	Ave	2.062	2.186	0.1000	10.6	10.0	6.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.4641	0.4729	0.3000	10.2	10.0	2.0	20.0
Bromobenzene	Ave	0.7558	0.7976		10.6	10.0	6.0	20.0
trans-1,4-Dichloro-2-butene	Ave	6.137	5.639		91.9	100	-8.0	20.0
1,2,3-Trichloropropane	Ave	0.1236	0.1259		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.: 410-249042-1

SDG No.:

Lab Sample ID: CCVIS 410-722416/3

Calibration Date: 10/30/2025 21:04

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: HC30X32.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	4.643		10.6	10.0	6.0	20.0
2-Chlorotoluene	Ave	0.8318	0.8662		10.4	10.0	4.0	20.0
1,3,5-Trimethylbenzene	Ave	3.122	3.233		10.4	10.0	4.0	20.0
4-Chlorotoluene	Ave	0.8483	0.8909		10.5	10.0	5.0	20.0
tert-Butylbenzene	Ave	0.6704	0.7151		10.7	10.0	7.0	20.0
Pentachloroethane	Ave	0.4538	0.4805		10.6	10.0	6.0	20.0
1,2,4-Trimethylbenzene	Ave	3.179	3.328		10.5	10.0	5.0	20.0
sec-Butylbenzene	Ave	3.890	4.156		10.7	10.0	7.0	20.0
1,3-Dichlorobenzene	Ave	1.536	1.645	0.6000	10.7	10.0	7.0	20.0
p-Isopropyltoluene	Ave	3.363	3.591		10.7	10.0	7.0	20.0
1,4-Dichlorobenzene	Ave	1.576	1.629	0.5000	10.3	10.0	3.0	20.0
1,2,3-Trimethylbenzene	Ave	1.311	1.357		10.3	10.0	3.0	20.0
Benzyl chloride	Ave	0.1793	0.2021		11.3	10.0	13.0	20.0
n-Butylbenzene	Ave	1.613	1.746		10.8	10.0	8.0	20.0
1,2-Dichlorobenzene	Ave	1.355	1.420	0.4000	10.5	10.0	5.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0566	0.0581	0.0500	10.3	10.0	3.0	20.0
1,3,5-Trichlorobenzene	Ave	1.083	1.164		10.7	10.0	7.0	20.0
1,2,4-Trichlorobenzene	Ave	0.8344	0.9283	0.2000	11.1	10.0	11.0	20.0
Hexachlorobutadiene	Ave	0.3651	0.4036		11.1	10.0	11.0	20.0
Naphthalene	Ave	1.387	1.443		10.4	10.0	4.0	20.0
1,2,3-Trichlorobenzene	Ave	0.6808	0.7332		10.8	10.0	8.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2289	0.2324		10.2	10.0	2.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0422	0.0430		10.2	10.0	2.0	20.0
Toluene-d8 (Surr)	Ave	1.410	1.393		9.87	10.0	-1.0	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5072	0.5082		10.0	10.0	0.0	20.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X32.D
 Lims ID: CCVIS VSTD10
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 30-Oct-2025 21:04:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0165098-003
 Misc. Info.: CCVIS VSTD10
 Operator ID: gaw91131 Instrument ID: 19094
 Sublist: chrom-MSV_19094_25mL*sub1
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 30-Oct-2025 23:11:36 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: CTX1678

First Level Reviewer: JS6E

Date: 30-Oct-2025 22:03:49

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	1.818	0.000	99	655678	10.0	8.15	
5 Chloromethane	50	2.007	2.007	0.000	99	824134	10.0	8.97	
6 Butadiene	39	2.093	2.093	0.000	92	1116094	10.0	11.5	
7 Vinyl chloride	62	2.111	2.111	0.000	98	813998	10.0	9.31	
9 Bromomethane	94	2.422	2.422	0.000	91	541834	10.0	9.58	
10 Chloroethane	64	2.459	2.459	0.000	100	450137	10.0	9.68	
11 Dichlorofluoromethane	67	2.672	2.672	0.000	97	1240030	10.0	9.67	
12 Trichlorofluoromethane	101	2.769	2.769	0.000	99	1102127	10.0	9.98	
13 Ethyl ether	59	2.952	2.952	0.000	91	341565	10.0	10.8	
14 1,2-Dichloro-1,1,2-trifluoroetha	67	3.019	3.019	0.000	96	753631	10.0	10.2	
16 Acrolein	56	3.099	3.099	0.000	99	1842312	487.9	422.7	
17 1,1-Dichloroethene	96	3.227	3.227	0.000	97	507846	10.0	10.3	
19 Acetone	43	3.257	3.257	0.000	100	513949	100.0	99.9	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.269	3.269	0.000	94	568589	10.0	11.1	
20 Iodomethane	142	3.403	3.403	0.000	99	945589	10.0	10.4	
22 Ethyl bromide	108	3.428	3.428	0.000	99	467326	9.99	10.3	
23 Carbon disulfide	76	3.513	3.513	0.000	99	1413122	10.0	10.0	
24 Methyl acetate	43	3.635	3.635	0.000	97	118607	10.0	12.0	M
25 3-Chloro-1-propene	41	3.653	3.653	0.000	91	891285	10.0	10.4	
27 Methylene Chloride	84	3.818	3.818	0.000	93	527434	10.0	10.6	
* 28 t-Butyl alcohol-d10 (IS)	65	3.824	3.824	0.000	97	71140	50.0	50.0	
29 2-Methyl-2-propanol	59	3.946	3.946	0.000	99	315490	200.0	257.3	
30 Acrylonitrile	53	4.147	4.147	0.000	98	172971	25.0	23.9	
31 Methyl tert-butyl ether	73	4.184	4.184	0.000	95	1124592	10.0	10.3	
33 trans-1,2-Dichloroethene	96	4.202	4.202	0.000	99	579593	10.0	10.6	
34 Hexane	57	4.623	4.623	0.000	93	864682	10.0	11.1	
35 1,1-Dichloroethane	63	4.854	4.854	0.000	96	1074171	10.0	10.6	
37 Isopropyl ether	45	4.915	4.915	0.000	93	1762757	10.0	10.8	
38 2-Chloro-1,3-butadiene	53	4.970	4.970	0.000	92	962125	10.0	10.7	
39 Tert-butyl ethyl ether	59	5.458	5.458	0.000	98	1542260	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
41 2-Butanone (MEK)	43	5.659	5.659	0.000	99	918459	100.0	100.9	
42 cis-1,2-Dichloroethene	96	5.702	5.702	0.000	84	630024	10.0	10.9	
43 2,2-Dichloropropane	77	5.714	5.714	0.000	88	949176	10.0	10.4	
44 Propionitrile	54	5.751	5.751	0.000	99	433191	200.0	221.8	
46 Methacrylonitrile	67	5.964	5.964	0.000	92	1007056	100.0	108.3	
47 Chlorobromomethane	128	6.037	6.037	0.000	94	240693	10.0	11.0	
48 Tetrahydrofuran	71	6.043	6.043	0.000	82	136876	50.0	52.7	
50 Chloroform	83	6.196	6.196	0.000	94	1061421	10.0	10.7	
\$ 51 Dibromofluoromethane (Surr)	113	6.415	6.415	0.000	93	473911	10.0	10.2	
52 1,1,1-Trichloroethane	97	6.427	6.427	0.000	99	972674	10.0	10.4	
54 Cyclohexane	56	6.531	6.531	0.000	91	1122836	10.0	10.7	
55 1,1-Dichloropropene	75	6.641	6.641	0.000	94	899961	10.0	11.0	
56 Carbon tetrachloride	117	6.641	6.641	0.000	86	866072	10.0	11.0	
57 Isobutyl alcohol	41	6.793	6.793	0.000	93	296040	500.0	563.2	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	95	87582	10.0	10.2	
59 Benzene	78	6.903	6.903	0.000	97	2503483	10.0	10.6	
60 1,2-Dichloroethane	62	6.976	6.976	0.000	98	566738	10.0	10.8	
62 Tert-amyl methyl ether	73	7.104	7.104	0.000	98	1312736	10.0	10.7	
* 64 Fluorobenzene (IS)	96	7.323	7.323	0.000	99	2039107	10.0	10.0	
65 n-Heptane	43	7.348	7.348	0.000	93	894839	10.0	11.3	
66 n-Butanol	56	7.701	7.701	0.000	90	441599	875.0	1229.8	
67 Trichloroethene	95	7.811	7.811	0.000	98	677394	10.0	10.9	
69 Methylcyclohexane	83	8.128	8.128	0.000	92	1176978	10.0	11.1	
70 1,2-Dichloropropane	63	8.146	8.146	0.000	96	610939	10.0	11.0	
71 2-ethoxy-2-methyl butane	87	8.165	8.165	0.000	92	925734	10.0	10.9	
72 Methyl methacrylate	69	8.244	8.244	0.000	91	202327	10.0	10.7	
73 1,4-Dioxane	88	8.250	8.250	0.000	34	48879	500.0	950.1	
74 Dibromomethane	93	8.256	8.256	0.000	97	243017	10.0	11.1	
76 Dichlorobromomethane	83	8.500	8.500	0.000	99	703253	10.0	11.0	
77 2-Nitropropane	41	8.768	8.768	0.000	99	322115	50.0	49.8	
79 1-Bromo-2-chloroethane	63	8.896	8.896	0.000	99	514227	10.0	10.9	
80 cis-1,3-Dichloropropene	75	9.073	9.073	0.000	95	819265	10.0	11.1	
81 4-Methyl-2-pentanone (MIBK)	43	9.256	9.256	0.000	97	2555604	100.0	101.1	
\$ 82 Toluene-d8 (Surr)	98	9.402	9.402	0.000	94	2062258	10.0	9.87	
84 Toluene	92	9.482	9.482	0.000	98	1618412	10.0	10.4	
85 trans-1,3-Dichloropropene	75	9.762	9.762	0.000	94	628129	10.0	11.0	
86 Ethyl methacrylate	69	9.835	9.835	0.000	89	457320	10.0	11.3	
87 1,1,2-Trichloroethane	97	9.975	9.975	0.000	91	339659	10.0	10.5	
107 Tetrachloroethene	166	10.067	10.067	0.000	97	748347	10.0	10.6	
108 1,3-Dichloropropane	76	10.140	10.140	0.000	92	607135	10.0	10.7	
109 2-Hexanone	43	10.195	10.195	0.000	97	1780415	100.0	110.7	
111 Chlorodibromomethane	129	10.366	10.366	0.000	90	446541	10.0	10.7	
112 Ethylene Dibromide	107	10.481	10.481	0.000	99	315407	10.0	10.8	
* 113 Chlorobenzene-d5 (IS)	117	10.926	10.926	0.000	87	1480866	10.0	10.0	
114 1-Chlorohexane	91	10.939	10.939	0.000	99	923652	10.0	10.2	
115 Chlorobenzene	112	10.951	10.951	0.000	95	1708592	10.0	10.7	
116 1,1,1,2-Tetrachloroethane	131	11.036	11.036	0.000	96	573203	10.0	10.6	
117 Ethylbenzene	91	11.042	11.042	0.000	98	3243894	10.0	10.7	
118 m-Xylene & p-Xylene	106	11.164	11.164	0.000	100	2510348	20.0	21.2	
120 o-Xylene	106	11.499	11.499	0.000	96	1182270	10.0	10.6	
121 Styrene	104	11.512	11.512	0.000	94	1899764	10.0	10.9	
122 Bromoform	173	11.670	11.670	0.000	96	227435	10.0	10.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
123 Isopropylbenzene	105	11.804	11.804	0.000	96	3237564	10.0	10.6	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	752644	10.0	10.0	
127 1,1,2,2-Tetrachloroethane	83	12.054	12.054	0.000	93	400611	10.0	10.2	
128 Bromobenzene	156	12.066	12.066	0.000	97	675619	10.0	10.6	
129 trans-1,4-Dichloro-2-butene	53	12.079	12.079	0.000	92	802290	100.0	91.9	
130 1,2,3-Trichloropropane	110	12.097	12.097	0.000	81	106677	10.0	10.2	
131 N-Propylbenzene	91	12.140	12.140	0.000	99	3932728	10.0	10.6	
132 2-Chlorotoluene	126	12.213	12.213	0.000	96	733696	10.0	10.4	
133 1,3,5-Trimethylbenzene	105	12.280	12.280	0.000	93	2738680	10.0	10.4	
134 4-Chlorotoluene	126	12.304	12.304	0.000	98	754638	10.0	10.5	
135 tert-Butylbenzene	134	12.518	12.518	0.000	93	605707	10.0	10.7	
136 Pentachloroethane	167	12.548	12.548	0.000	94	407010	10.0	10.6	
137 1,2,4-Trimethylbenzene	105	12.566	12.566	0.000	97	2818958	10.0	10.5	
138 sec-Butylbenzene	105	12.682	12.682	0.000	95	3520505	10.0	10.7	
139 1,3-Dichlorobenzene	146	12.780	12.780	0.000	98	1393052	10.0	10.7	
140 4-Isopropyltoluene	119	12.798	12.798	0.000	97	3042090	10.0	10.7	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	94	847074	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.859	12.859	0.000	93	1379785	10.0	10.3	
143 1,2,3-Trimethylbenzene	120	12.871	12.871	0.000	98	1149478	10.0	10.3	
144 Benzyl chloride	126	12.932	12.932	0.000	99	171218	10.0	11.3	
145 p-Diethylbenzene	119	13.066	13.066	0.000	93	1789978	10.0	10.6	
146 n-Butylbenzene	92	13.091	13.091	0.000	98	1478633	10.0	10.8	
147 1,2-Dichlorobenzene	146	13.115	13.115	0.000	98	1202515	10.0	10.5	
148 1,2-Dibromo-3-Chloropropane	155	13.658	13.658	0.000	84	49197	10.0	10.3	
150 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	97	985856	10.0	10.7	
151 1,2,4-Trichlorobenzene	180	14.212	14.212	0.000	94	786337	10.0	11.1	
152 Hexachlorobutadiene	225	14.298	14.298	0.000	97	341873	10.0	11.1	
153 Naphthalene	128	14.389	14.389	0.000	97	1222363	10.0	10.4	
154 1,2,3-Trichlorobenzene	180	14.529	14.529	0.000	95	621115	10.0	10.8	
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_00196

Amount Added: 20.00

Units: uL

MSV_LL_GAS826_00295

Amount Added: 20.00

Units: uL

MSV_LL_#1_826_00181

Amount Added: 20.00

Units: uL

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 30-Oct-2025 23:11:37

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X32.D

Injection Date: 30-Oct-2025 21:04:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: CCVIS VSTD10

Worklist Smp#: 3

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

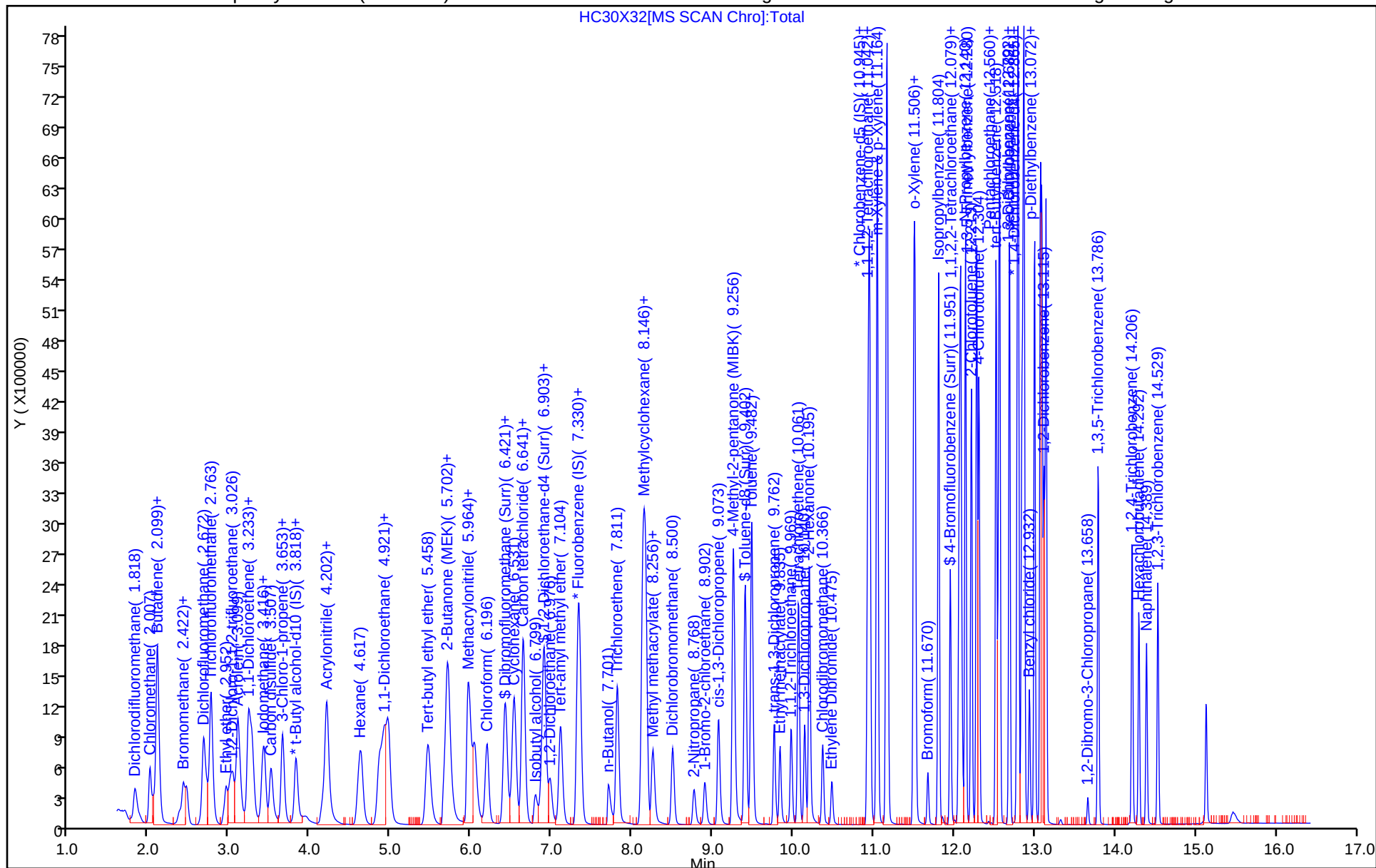
ALS Bottle#: 2

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

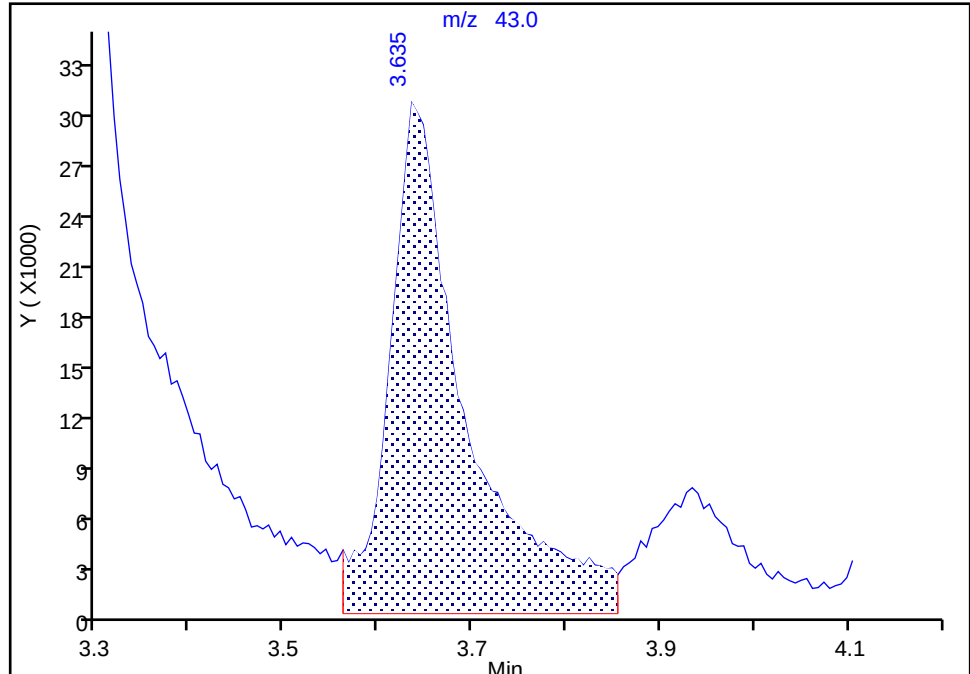
Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X32.D
Injection Date: 30-Oct-2025 21:04:30 Instrument ID: 19094
Lims ID: CCVIS VSTD10
Client ID:
Operator ID: gaw91131 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

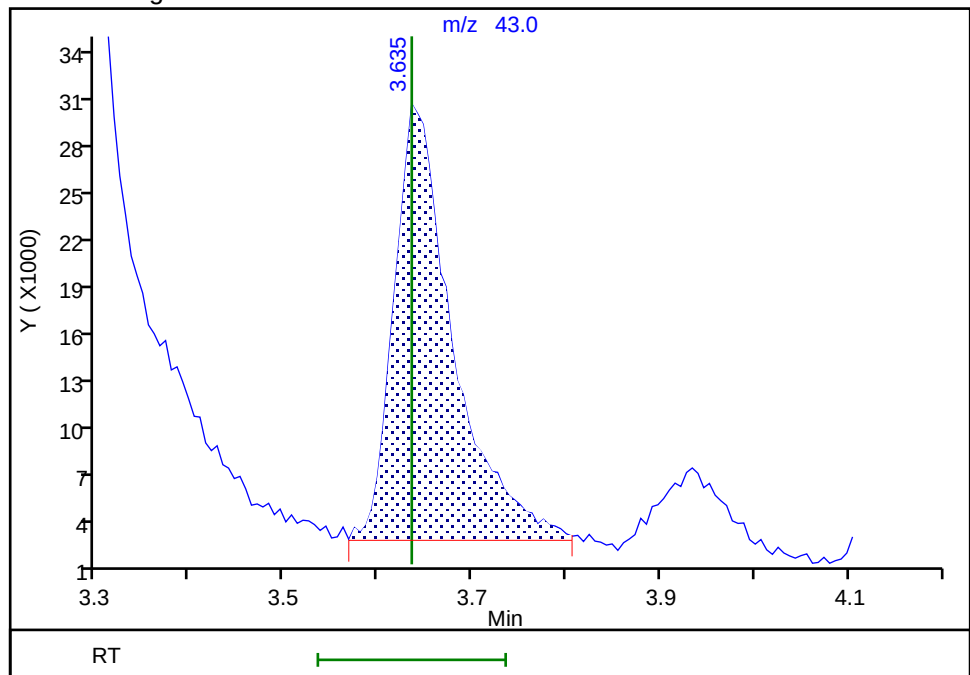
RT: 3.64
Area: 172149
Amount: 17.455580
Amount Units: ug/l

Processing Integration Results



RT: 3.64
Area: 118607
Amount: 12.026523
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 30-Oct-2025 21:35:46 -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\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

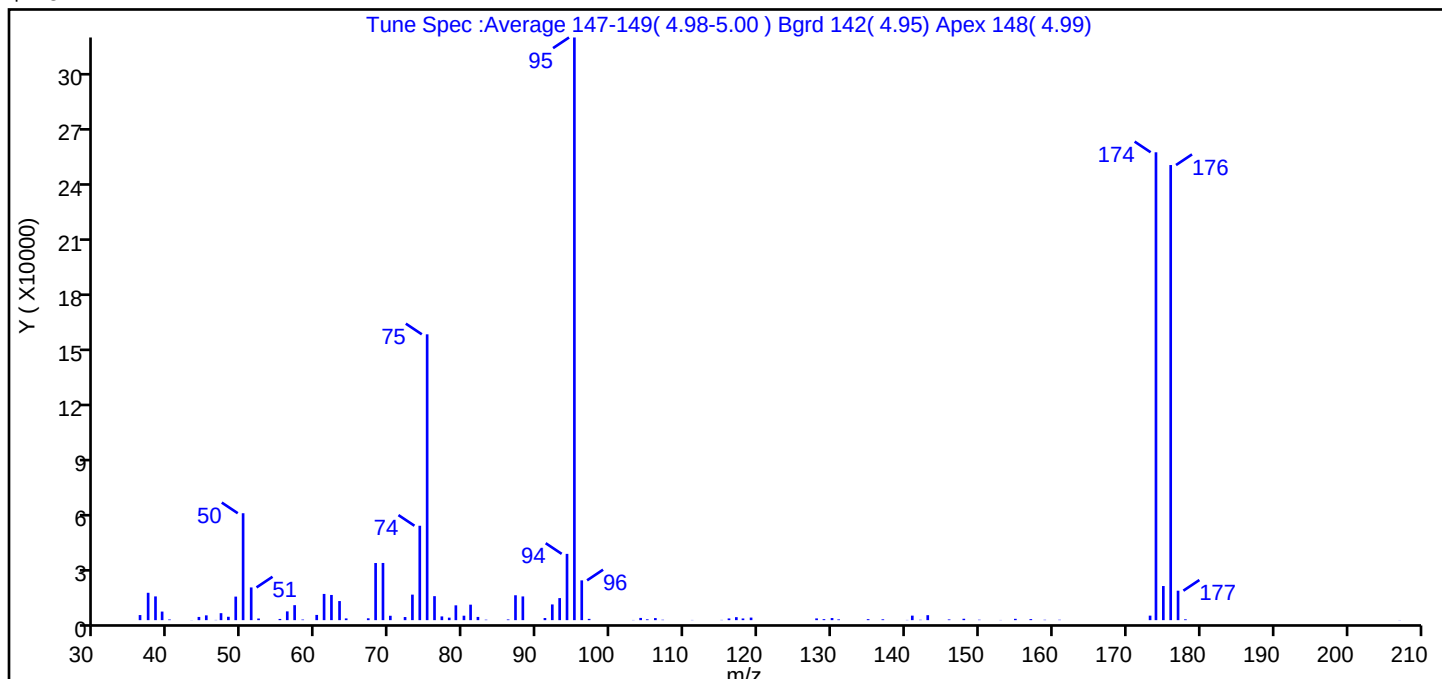
Dil. Factor: 1.0000

Method: MSV_19094_25mL

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

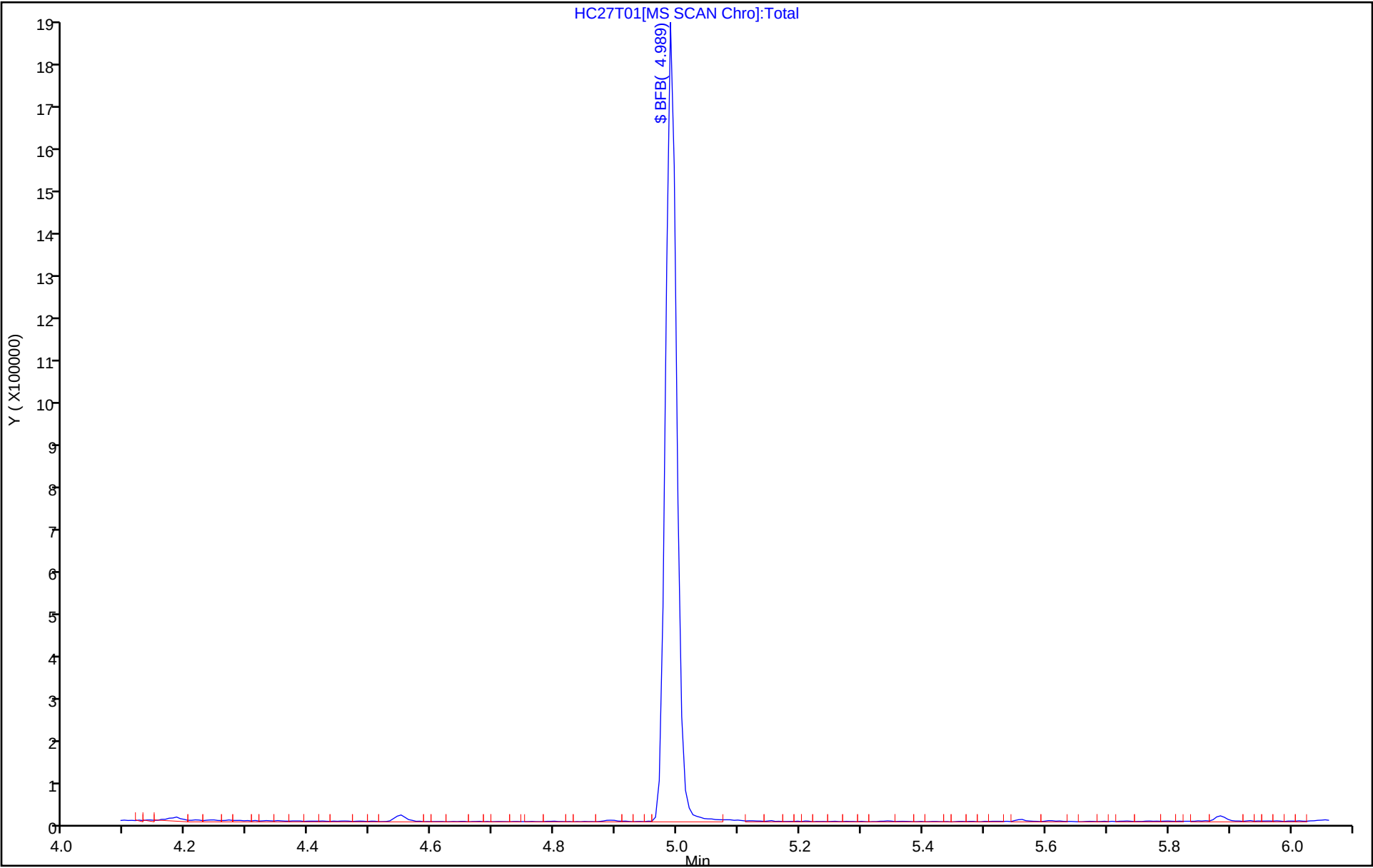
\$ 167 BFB



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		



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30T31.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 30-Oct-2025 20:29:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0165098-001
Misc. Info.: BFB
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 30-Oct-2025 23:11:34 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: CTX1678

First Level Reviewer: JS6E

Date: 30-Oct-2025 20:42:42

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	509130	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\20251030-165098.b\HC30T31.D

Injection Date: 30-Oct-2025 20:29:30

Instrument ID: 19094

Lims ID: BFB

Client ID:

Operator ID: gaw91131

ALS Bottle#: 1

Worklist Smp#: 1

Injection Vol: 1.0 uL

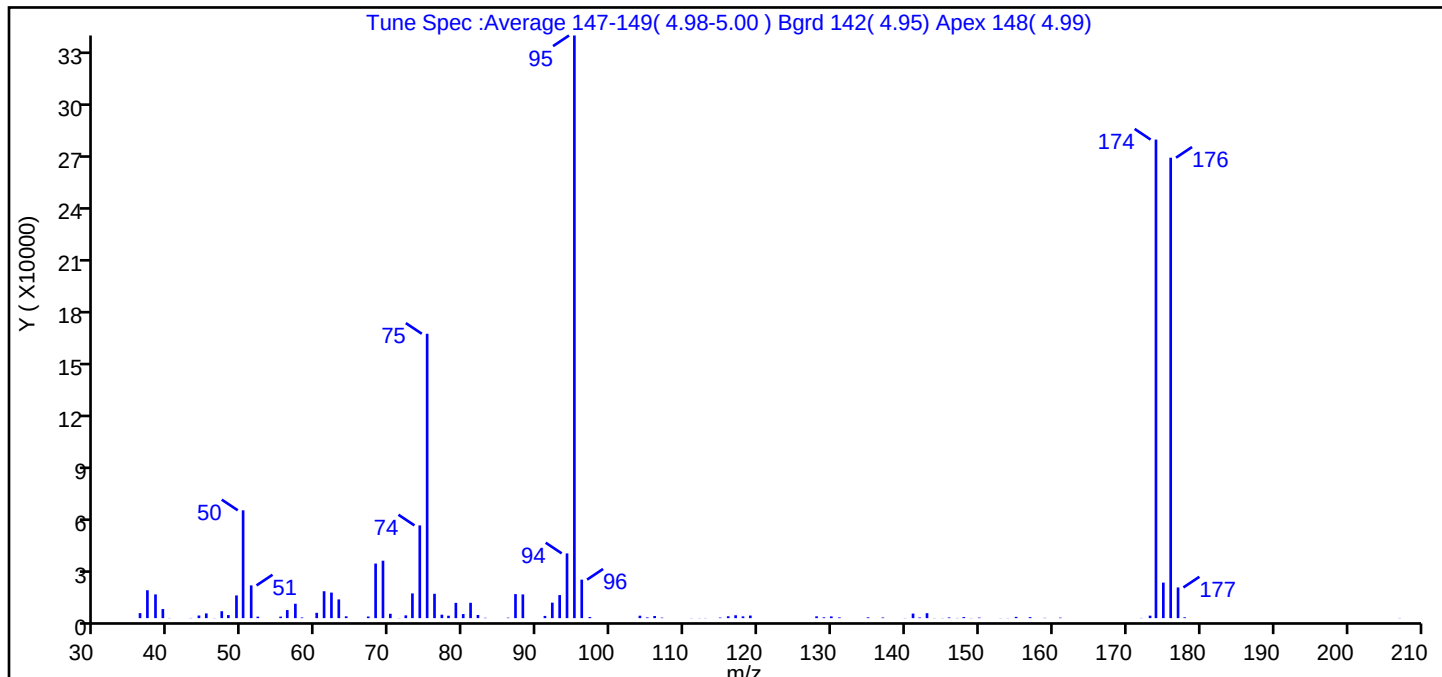
Dil. Factor: 1.0000

Method: MSV_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	18.5
75	30 to 60% of m/z 95	48.8
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.4 (0.5)
174	50 to 120% of m/z 95	82.1
175	5 to 9% of m/z 174	6.1 (7.4)
176	Greater than 95% but less than 101% of m/z 174	79.0 (96.2)
177	5 to 9% of m/z 176	5.3 (6.7)

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30T31.D\MSV_19094_25mL.rslt\spectra.d
Injection Date: 30-Oct-2025 20:29:30
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: 94

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2917	67.00	942	95.00	337792	143.00	2871
37.00	16185	68.00	31648	96.00	22320	144.00	96
38.00	13766	69.00	33304	97.00	652	145.00	98
39.00	5280	70.00	2531	104.00	1413	146.00	413
40.00	101	71.00	89	105.00	407	147.00	103
43.00	116	72.00	1614	106.00	1239	148.00	610
44.00	1525	73.00	14345	107.00	297	149.00	91
45.00	2742	74.00	53760	111.00	100	150.00	319
46.00	96	75.00	164864	112.00	95	153.00	84
47.00	4015	76.00	14121	113.00	106	154.00	94
48.00	1769	77.00	2004	115.00	322	155.00	738
49.00	13175	78.00	1414	116.00	1086	157.00	581
50.00	62512	79.00	8865	117.00	1677	159.00	158
51.00	18976	80.00	2364	118.00	1034	161.00	297
52.00	864	81.00	8893	119.00	1498	172.00	120
55.00	888	82.00	1853	128.00	1058	173.00	1431
56.00	4677	83.00	205	129.00	476	174.00	277440
57.00	8353	86.00	287	130.00	999	175.00	20608
58.00	388	87.00	13936	131.00	437	176.00	266944
60.00	3081	88.00	13753	135.00	467	177.00	17792
61.00	15598	91.00	1292	137.00	379	178.00	471
62.00	14823	92.00	8980	140.00	102	207.00	103
63.00	10859	93.00	13366	141.00	2652		
64.00	1064	94.00	37544	142.00	378		

Report Date: 30-Oct-2025 23:11:35

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30T31.D

Injection Date: 30-Oct-2025 20:29:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

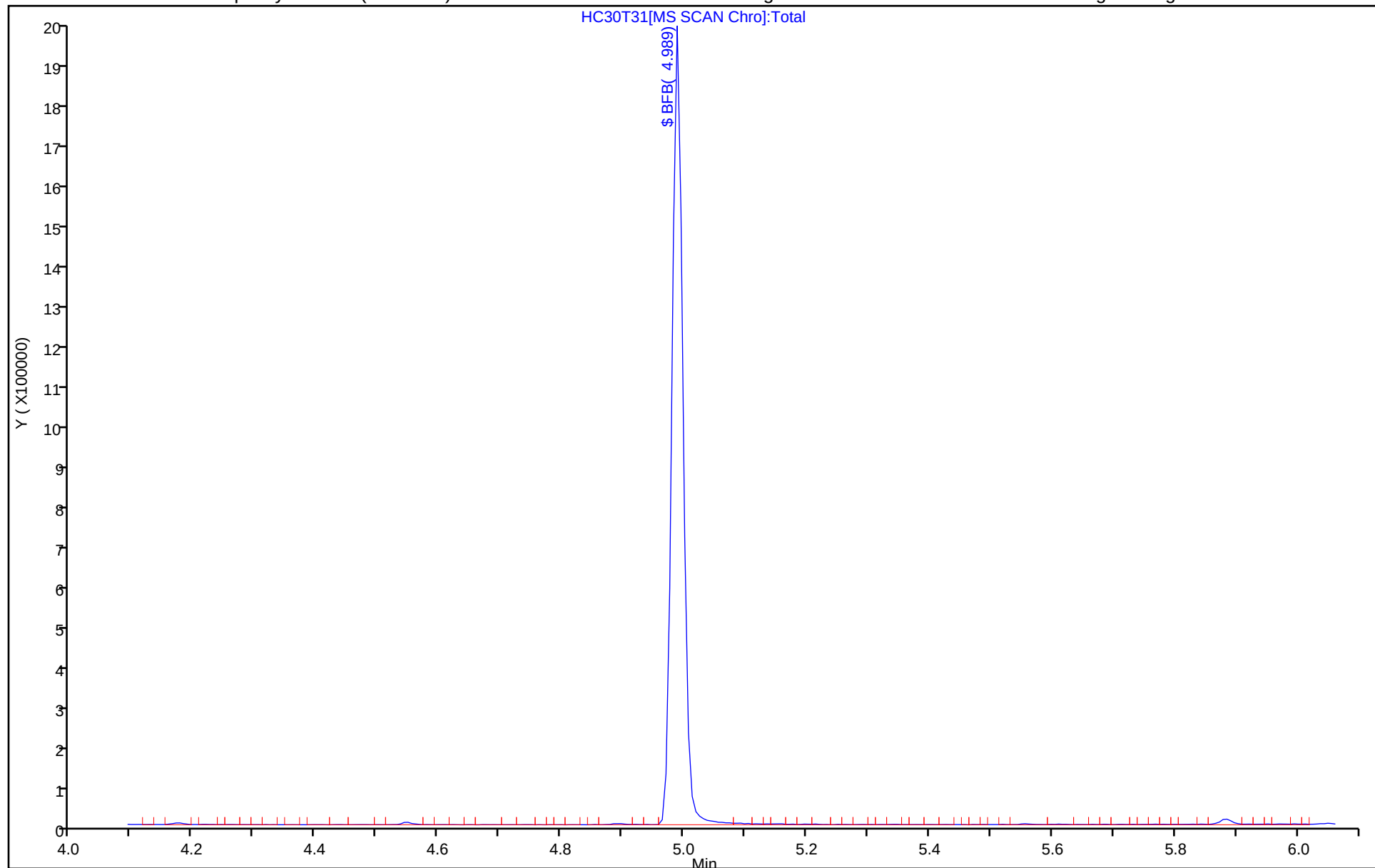
ALS Bottle#: 1

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-249042-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-722416/6

Matrix: Water

Lab File ID: HC30X35.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 10/30/2025 22:07

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.: 722416

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.: 410-249042-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-722416/6

Matrix: Water Lab File ID: HC30X35.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 25 (mL) Date Analyzed: 10/30/2025 22:07

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.: 722416 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)	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	101		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\19094\20251030-165098.b\HC30X35.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 30-Oct-2025 22:07:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0165098-006
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 30-Oct-2025 23:11:36 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: CTX1678

First Level Reviewer: JS6E

Date: 30-Oct-2025 22:46:28

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		1.818					ND	
3 Chlorodifluoromethane	51		1.831					ND	
4 Dimethyl ether	45		1.873					ND	
5 Chloromethane	50		2.007					ND	
6 Butadiene	39		2.093					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		2.459					ND	
11 Dichlorofluoromethane	67		2.672					ND	
12 Trichlorofluoromethane	101		2.769					ND	
13 Ethyl ether	59		2.952					ND	
14 1,2-Dichloro-1,1,2-trifluoroetha	67		3.019					ND	
16 Acrolein	56		3.099					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		3.269					ND	
20 Iodomethane	142		3.403					ND	
22 Ethyl bromide	108		3.428					ND	
23 Carbon disulfide	76		3.513					ND	7
24 Methyl acetate	43		3.635					ND	
25 3-Chloro-1-propene	41		3.653					ND	
26 Acetonitrile	41		3.769					ND	
27 Methylene Chloride	84		3.818					ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.830	3.824	0.006	30	77260	50.0	50.0	
29 2-Methyl-2-propanol	59		3.946					ND	
30 Acrylonitrile	53		4.147					ND	
31 Methyl tert-butyl ether	73		4.184					ND	
33 trans-1,2-Dichloroethene	96		4.202					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		4.854					ND	
36 Vinyl acetate	43		4.855					ND	
37 Isopropyl ether	45		4.915					ND	
38 2-Chloro-1,3-butadiene	53		4.970					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		5.751					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		6.196					ND	
\$ 51 Dibromofluoromethane (Surr)	113	6.415	6.415	0.000	93	441818	10.0	10.1	
52 1,1,1-Trichloroethane	97		6.427					ND	
53 Methyl acrylate	55		6.482					ND	
54 Cyclohexane	56		6.531					ND	
55 1,1-Dichloropropene	75		6.641					ND	
56 Carbon tetrachloride	117		6.641					ND	
57 Isobutyl alcohol	41		6.793					ND	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	45	80564	10.0	9.99	
59 Benzene	78		6.903					ND	
60 1,2-Dichloroethane	62		6.976					ND	
61 Isopropyl acetate	43		7.001					ND	
62 Tert-amyl methyl ether	73		7.104					ND	
63 1-Chlorobutane	56	7.317	7.250	0.067	46	12128		NC	
* 64 Fluorobenzene (IS)	96	7.317	7.323	-0.006	99	1910528	10.0	10.0	
65 n-Heptane	43		7.348					ND	U
66 n-Butanol	56		7.701					ND	
67 Trichloroethene	95		7.811					ND	
68 t-Amyl alcohol	73		7.842					ND	
69 Methylcyclohexane	83		8.128					ND	
70 1,2-Dichloropropane	63		8.146					ND	
71 2-ethoxy-2-methyl butane	87		8.165					ND	
72 Methyl methacrylate	69		8.244					ND	
73 1,4-Dioxane	88		8.250					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		8.768					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		9.073					ND	
81 4-Methyl-2-pentanone (MIBK)	43		9.256					ND	
\$ 82 Toluene-d8 (Surr)	98	9.402	9.402	0.000	94	1954574	10.0	9.86	
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		9.975					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		10.067					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		10.366					ND	
112 Ethylene Dibromide	107		10.481					ND	
* 113 Chlorobenzene-d5 (IS)	117	10.926	10.926	0.000	87	1405675	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		11.164					ND	
S 119 Xylenes, Total	106		11.245					ND	7
120 o-Xylene	106		11.499					ND	
121 Styrene	104		11.512					ND	
122 Bromoform	173		11.670					ND	
123 Isopropylbenzene	105		11.804					ND	
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	11.951	0.000	89	708076	10.0	9.93	
127 1,1,2,2-Tetrachloroethane	83		12.054					ND	
128 Bromobenzene	156		12.066					ND	
129 trans-1,4-Dichloro-2-butene	53		12.079					ND	
130 1,2,3-Trichloropropane	110		12.097					ND	
131 N-Propylbenzene	91		12.140					ND	7
132 2-Chlorotoluene	126		12.213					ND	
133 1,3,5-Trimethylbenzene	105		12.280					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		12.566					ND	7
138 sec-Butylbenzene	105		12.682					ND	7
139 1,3-Dichlorobenzene	146		12.780					ND	7
140 4-Isopropyltoluene	119		12.798					ND	7
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	96	775322	10.0	10.0	
142 1,4-Dichlorobenzene	146		12.859					ND	7
143 1,2,3-Trimethylbenzene	120		12.871					ND	7
144 Benzyl chloride	126		12.932					ND	
145 p-Diethylbenzene	119		13.066					ND	U
146 n-Butylbenzene	92		13.091					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		14.212					ND	7
152 Hexachlorobutadiene	225	14.292	14.298	-0.006	92	2996		0.1058	
153 Naphthalene	128		14.389					ND	7
154 1,2,3-Trichlorobenzene	180		14.529					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: 30-Oct-2025 23:11:44

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X35.D

Injection Date: 30-Oct-2025 22:07:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: MB

Worklist Smp#: 6

Client ID:

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

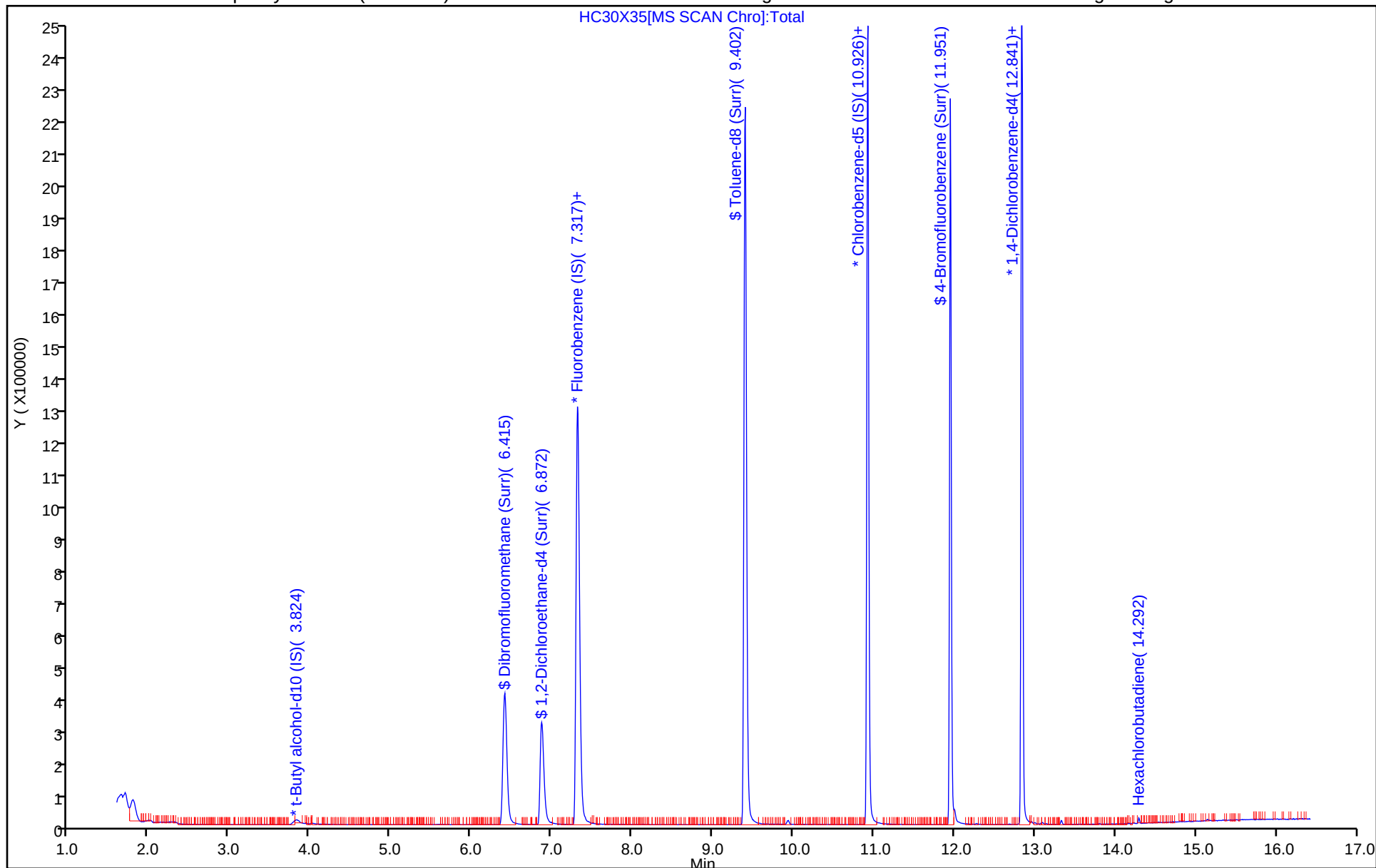
ALS Bottle#: 5

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\20251030-165098.b\HC30X35.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 30-Oct-2025 22:07:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0165098-006
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 30-Oct-2025 23:11:36 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: CTX1678

First Level Reviewer: JS6E

Date: 30-Oct-2025 22:46:28

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	10.1	101.02
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	9.99	99.86
\$ 82 Toluene-d8 (Surr)	10.0	9.86	98.59
\$ 126 4-Bromofluorobenzene (Surr)	10.0	9.93	99.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-249042-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-722416/62

Matrix: Water

Lab File ID: HC30X36.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 25 (mL)

Date Analyzed: 10/30/2025 22:28

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.: 722416

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	5.54		0.50	0.070
71-55-6	1,1,1-Trichloroethane	5.74		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	5.21		0.50	0.10
79-00-5	1,1,2-Trichloroethane	5.51		0.50	0.080
75-34-3	1,1-Dichloroethane	5.96		0.50	0.10
75-35-4	1,1-Dichloroethene	6.05		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	5.60		0.50	0.080
107-06-2	1,2-Dichloroethane	5.77		0.50	0.070
78-87-5	1,2-Dichloropropane	5.81		0.50	0.10
78-93-3	2-Butanone (MEK)	54.8		5.0	1.0
591-78-6	2-Hexanone	60.5		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	56.2		5.0	1.0
67-64-1	Acetone	56.0		5.0	1.5
71-43-2	Benzene	5.62		0.50	0.10
74-97-5	Bromochloromethane	5.92		0.50	0.080
75-27-4	Bromodichloromethane	5.65		0.50	0.080
75-25-2	Bromoform	5.38		1.0	0.30
74-83-9	Bromomethane	4.52		0.50	0.10
75-15-0	Carbon disulfide	5.57		1.0	0.10
56-23-5	Carbon tetrachloride	5.93		0.50	0.10
108-90-7	Chlorobenzene	5.61		0.50	0.070
75-00-3	Chloroethane	4.56		0.50	0.10
67-66-3	Chloroform	5.70		0.50	0.090
74-87-3	Chloromethane	4.29		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	5.97		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	5.54		0.50	0.10
124-48-1	Dibromochloromethane	5.27		0.50	0.080
100-41-4	Ethylbenzene	5.58		0.50	0.080
1634-04-4	Methyl tert-butyl ether	5.30		0.50	0.080
75-09-2	Methylene Chloride	5.83		0.50	0.20
100-42-5	Styrene	5.64		0.50	0.070
127-18-4	Tetrachloroethene	5.37		0.50	0.20

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X36.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 30-Oct-2025 22:28:30 ALS Bottle#: 6 Worklist Smp#: 62
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0165098-062
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 30-Oct-2025 23:11:36 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: CTX1678

First Level Reviewer: JS6E

Date: 30-Oct-2025 22:51:13

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	1.818	-0.006	100	304329	5.00	3.87	
5 Chloromethane	50	1.995	2.007	-0.012	99	384979	5.00	4.29	
6 Butadiene	39	2.087	2.093	-0.006	92	425736	5.00	4.49	
7 Vinyl chloride	62	2.105	2.111	-0.006	98	381637	5.00	4.47	
9 Bromomethane	94	2.410	2.422	-0.012	91	249675	5.00	4.52	
10 Chloroethane	64	2.452	2.459	-0.007	100	206966	5.00	4.56	
11 Dichlorofluoromethane	67	2.666	2.672	-0.006	97	571317	5.00	4.56	
12 Trichlorofluoromethane	101	2.763	2.769	-0.006	98	385327	5.00	3.57	
14 1,2-Dichloro-1,1,2-trifluoroethane	67	3.013	3.019	-0.006	94	347744	5.00	4.81	
17 1,1-Dichloroethene	96	3.221	3.227	-0.006	97	291969	5.00	6.05	
19 Acetone	43	3.257	3.257	0.000	82	328106	62.5	56.0	
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.263	3.269	-0.006	93	302177	5.00	6.06	
20 Iodomethane	142	3.397	3.403	-0.006	99	498096	5.00	5.64	
23 Carbon disulfide	76	3.501	3.513	-0.012	99	765372	5.00	5.57	
24 Methyl acetate	43	3.641	3.635	0.006	25	44891	5.00	4.00	M
25 3-Chloro-1-propene	41	3.647	3.653	-0.006	91	457203	5.00	5.44	
27 Methylene Chloride	84	3.812	3.818	-0.006	93	283856	5.00	5.83	
* 28 t-Butyl alcohol-d10 (IS)	65	3.830	3.824	0.006	98	80967	50.0	50.0	
29 2-Methyl-2-propanol	59	3.940	3.946	-0.006	99	87489	50.0	62.7	
30 Acrylonitrile	53	4.135	4.147	-0.012	100	144524	25.0	18.1	
31 Methyl tert-butyl ether	73	4.184	4.184	0.000	96	567829	5.00	5.30	
33 trans-1,2-Dichloroethene	96	4.196	4.202	-0.006	99	312846	5.00	5.87	
34 Hexane	57	4.617	4.623	-0.006	93	453014	5.00	5.97	
35 1,1-Dichloroethane	63	4.848	4.854	-0.006	96	591720	5.00	5.96	
37 Isopropyl ether	45	4.909	4.915	-0.006	93	896018	5.00	5.62	
38 2-Chloro-1,3-butadiene	53	4.958	4.970	-0.012	94	484327	5.00	5.51	
39 Tert-butyl ethyl ether	59	5.452	5.458	-0.006	98	790498	5.00	5.50	
41 2-Butanone (MEK)	43	5.659	5.659	0.000	100	561340	62.5	54.8	
42 cis-1,2-Dichloroethene	96	5.696	5.702	-0.006	83	336985	5.00	5.97	
43 2,2-Dichloropropane	77	5.708	5.714	-0.006	87	493734	5.00	5.56	
44 Propionitrile	54	5.775	5.751	0.024	97	66820	37.5	36.3	
46 Methacrylonitrile	67	5.958	5.964	-0.006	92	384867	37.5	36.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
47 Chlorobromomethane	128	6.031	6.037	-0.006	95	126347	5.00	5.92	
48 Tetrahydrofuran	71	6.049	6.043	0.006	79	71218	25.0	24.1	
50 Chloroform	83	6.189	6.196	-0.007	94	552093	5.00	5.70	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.415	-0.006	93	462968	10.0	10.2	
52 1,1,1-Trichloroethane	97	6.421	6.427	-0.006	99	525009	5.00	5.74	
54 Cyclohexane	56	6.531	6.531	0.000	91	581951	5.00	5.69	
55 1,1-Dichloropropene	75	6.641	6.641	0.000	95	467625	5.00	5.86	
56 Carbon tetrachloride	117	6.641	6.641	0.000	94	455272	5.00	5.93	
57 Isobutyl alcohol	41	6.805	6.793	0.012	93	72513	125.0	121.2	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.866	6.872	-0.006	83	83339	10.0	9.91	
59 Benzene	78	6.903	6.903	0.000	97	1301432	5.00	5.62	
60 1,2-Dichloroethane	62	6.976	6.976	0.000	97	297009	5.00	5.77	
62 Tert-amyl methyl ether	73	7.104	7.104	0.000	98	672102	5.00	5.59	
* 64 Fluorobenzene (IS)	96	7.317	7.323	-0.006	98	1991654	10.0	10.0	
65 n-Heptane	43	7.342	7.348	-0.006	93	458570	5.00	5.92	
66 n-Butanol	56	7.720	7.701	0.019	91	120577	250.0	324.5	
67 Trichloroethene	95	7.811	7.811	0.000	98	345541	5.00	5.69	
69 Methylcyclohexane	83	8.122	8.128	-0.006	93	600046	5.00	5.79	
70 1,2-Dichloropropane	63	8.140	8.146	-0.006	96	315669	5.00	5.81	
71 2-ethoxy-2-methyl butane	87	8.165	8.165	0.000	92	460607	5.00	5.57	
72 Methyl methacrylate	69	8.244	8.244	0.000	90	93207	5.00	4.33	
73 1,4-Dioxane	88	8.262	8.250	0.012	29	14128	125.0	241.3	M
74 Dibromomethane	93	8.256	8.256	0.000	96	125336	5.00	5.87	
76 Dichlorobromomethane	83	8.500	8.500	0.000	99	352154	5.00	5.65	
77 2-Nitropropane	41	8.768	8.768	0.000	99	28924	5.00	3.93	
79 1-Bromo-2-chloroethane	63	8.902	8.896	0.006	99	233062	5.00	5.07	
80 cis-1,3-Dichloropropene	75	9.073	9.073	0.000	95	397276	5.00	5.54	
81 4-Methyl-2-pentanone (MIBK)	43	9.256	9.256	0.000	97	1615118	62.5	56.2	
\$ 82 Toluene-d8 (Surr)	98	9.396	9.402	-0.006	94	2048585	10.0	9.90	
84 Toluene	92	9.482	9.482	0.000	98	845312	5.00	5.47	
85 trans-1,3-Dichloropropene	75	9.762	9.762	0.000	94	311817	5.00	5.52	
86 Ethyl methacrylate	69	9.835	9.835	0.000	90	225319	5.00	5.60	
87 1,1,2-Trichloroethane	97	9.969	9.975	-0.006	91	176638	5.00	5.51	
107 Tetrachloroethene	166	10.067	10.067	0.000	97	375580	5.00	5.37	
108 1,3-Dichloropropane	76	10.140	10.140	0.000	92	311025	5.00	5.54	
109 2-Hexanone	43	10.201	10.195	0.006	98	1106682	62.5	60.5	
111 Chlorodibromomethane	129	10.365	10.366	-0.001	90	217227	5.00	5.27	
112 Ethylene Dibromide	107	10.475	10.481	-0.006	98	162570	5.00	5.60	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.926	-0.006	86	1466976	10.0	10.0	
114 1-Chlorohexane	91	10.939	10.939	0.000	98	481986	5.00	5.38	
115 Chlorobenzene	112	10.951	10.951	0.000	97	890430	5.00	5.61	
116 1,1,1,2-Tetrachloroethane	131	11.036	11.036	0.000	95	297564	5.00	5.54	
117 Ethylbenzene	91	11.042	11.042	0.000	98	1681794	5.00	5.58	
118 m-Xylene & p-Xylene	106	11.164	11.164	0.000	99	1302845	10.0	11.1	
120 o-Xylene	106	11.499	11.499	0.000	97	619730	5.00	5.60	
121 Styrene	104	11.512	11.512	0.000	95	977291	5.00	5.64	
122 Bromoform	173	11.670	11.670	0.000	96	114880	5.00	5.38	
123 Isopropylbenzene	105	11.804	11.804	0.000	96	1707360	5.00	5.64	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	749009	10.0	10.1	
127 1,1,2,2-Tetrachloroethane	83	12.054	12.054	0.000	94	201568	5.00	5.21	
128 Bromobenzene	156	12.066	12.066	0.000	97	345495	5.00	5.48	
129 trans-1,4-Dichloro-2-butene	53	12.079	12.079	0.000	92	186958	25.0	18.8	

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	53502	5.00	5.19	
131 N-Propylbenzene	91	12.140	12.140	0.000	99	1999512	5.00	5.46	
132 2-Chlorotoluene	126	12.213	12.213	0.000	96	378049	5.00	5.45	
133 1,3,5-Trimethylbenzene	105	12.280	12.280	0.000	93	1408508	5.00	5.41	
134 4-Chlorotoluene	126	12.304	12.304	0.000	98	374123	5.00	5.29	
135 tert-Butylbenzene	134	12.518	12.518	0.000	93	286491	5.00	5.13	
137 1,2,4-Trimethylbenzene	105	12.560	12.566	-0.006	98	1415156	5.00	5.34	
138 sec-Butylbenzene	105	12.682	12.682	0.000	95	1806723	5.00	5.57	
139 1,3-Dichlorobenzene	146	12.786	12.780	0.006	98	716479	5.00	5.60	
140 4-Isopropyltoluene	119	12.798	12.798	0.000	97	1502636	5.00	5.36	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	94	833411	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.859	12.859	0.000	94	719807	5.00	5.48	
143 1,2,3-Trimethylbenzene	120	12.865	12.871	-0.006	99	601060	5.00	5.50	
144 Benzyl chloride	126	12.932	12.932	0.000	99	79853	5.00	5.34	
145 p-Diethylbenzene	119	13.066	13.066	0.000	95	917368	5.00	5.53	
146 n-Butylbenzene	92	13.091	13.091	0.000	97	751334	5.00	5.59	
147 1,2-Dichlorobenzene	146	13.115	13.115	0.000	98	626567	5.00	5.55	
148 1,2-Dibromo-3-Chloropropane	155	13.664	13.658	0.006	84	24986	5.00	5.30	
150 1,3,5-Trichlorobenzene	180	13.792	13.786	0.006	97	498680	5.00	5.53	
151 1,2,4-Trichlorobenzene	180	14.212	14.212	0.000	94	394919	5.00	5.68	
152 Hexachlorobutadiene	225	14.292	14.298	-0.006	97	173964	5.00	5.72	
153 Naphthalene	128	14.389	14.389	0.000	97	617505	5.00	5.34	
154 1,2,3-Trichlorobenzene	180	14.529	14.529	0.000	95	308186	5.00	5.43	
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_QC_Gas826_00285

Amount Added: 12.50

Units: uL

MSV_LCS_VOC#1_00246

Amount Added: 12.50

Units: uL

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

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

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X36.D

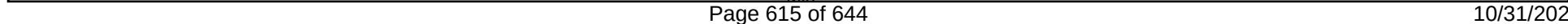
Operator ID: qaw91131

Worklist Smp#: 62

ALS Bottle#: 6

Limit Group: MSV - 8260C D

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\20251030-165098.b\HC30X36.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 30-Oct-2025 22:28:30 ALS Bottle#: 6 Worklist Smp#: 62
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0165098-062
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 30-Oct-2025 23:11:36 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: CTX1678

First Level Reviewer: JS6E

Date: 30-Oct-2025 22:51:13

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	10.2	101.55
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	9.91	99.09
\$ 82 Toluene-d8 (Surr)	10.0	9.90	99.02
\$ 126 4-Bromofluorobenzene (Surr)	10.0	10.1	100.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-249042-1

SDG No.:

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

Lab Sample ID: 410-249042-5 MS

Matrix: Water

Lab File ID: HC30X45.D

Analysis Method: 8260D

Date Collected: 10/24/2025 10:50

Sample wt/vol: 25 (mL)

Date Analyzed: 10/31/2025 01:34

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.: 722416

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	5.76		0.50	0.070
71-55-6	1,1,1-Trichloroethane	6.70		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	5.42		0.50	0.10
79-00-5	1,1,2-Trichloroethane	5.65		0.50	0.080
75-34-3	1,1-Dichloroethane	6.45		0.50	0.10
75-35-4	1,1-Dichloroethene	7.11		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	5.77		0.50	0.080
107-06-2	1,2-Dichloroethane	5.97		0.50	0.070
78-87-5	1,2-Dichloropropane	6.04		0.50	0.10
78-93-3	2-Butanone (MEK)	54.9		5.0	1.0
591-78-6	2-Hexanone	58.5		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	54.9		5.0	1.0
67-64-1	Acetone	54.8		5.0	1.5
71-43-2	Benzene	5.98		0.50	0.10
74-97-5	Bromochloromethane	6.10		0.50	0.080
75-27-4	Bromodichloromethane	5.90		0.50	0.080
75-25-2	Bromoform	5.56		1.0	0.30
74-83-9	Bromomethane	4.97		0.50	0.10
75-15-0	Carbon disulfide	6.30		1.0	0.10
56-23-5	Carbon tetrachloride	6.58		0.50	0.10
108-90-7	Chlorobenzene	5.90		0.50	0.070
75-00-3	Chloroethane	5.02		0.50	0.10
67-66-3	Chloroform	6.23		0.50	0.090
74-87-3	Chloromethane	4.82		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	8.02		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	5.76		0.50	0.10
124-48-1	Dibromochloromethane	5.53		0.50	0.080
100-41-4	Ethylbenzene	5.95		0.50	0.080
1634-04-4	Methyl tert-butyl ether	5.53		0.50	0.080
75-09-2	Methylene Chloride	6.23		0.50	0.20
100-42-5	Styrene	5.92		0.50	0.070
127-18-4	Tetrachloroethene	11.2		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-15-0/1-0 MS MS Lab Sample ID: 410-249042-5 MS

Matrix: Water Lab File ID: HC30X45.D

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

Sample wt/vol: 25 (mL) Date Analyzed: 10/31/2025 01:34

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.: 722416 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	5.79		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	6.43		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	5.76		0.50	0.080
79-01-6	Trichloroethene	7.84		0.50	0.080
75-01-4	Vinyl chloride	5.14		0.50	0.10
1330-20-7	Xylenes, Total	17.6		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)	103		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\19094\20251030-165098.b\HC30X45.D
 Lims ID: 410-249042-A-5 MS
 Client ID: HD-COD-SW-15-0/1-0 MS
 Sample Type: MS
 Inject. Date: 31-Oct-2025 01:34:30 ALS Bottle#: 15 Worklist Smp#: 14
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0165098-014
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 31-Oct-2025 01:19:29 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 14:28:10

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	1.818	-0.006	99	359204	5.00	4.51	
5 Chloromethane	50	1.995	2.007	-0.012	99	437833	5.00	4.82	
6 Butadiene	39	2.087	2.093	-0.006	92	485784	5.00	5.06	
7 Vinyl chloride	62	2.105	2.111	-0.006	98	444117	5.00	5.14	
9 Bromomethane	94	2.410	2.422	-0.012	91	278045	5.00	4.97	
10 Chloroethane	64	2.452	2.459	-0.007	100	230892	5.00	5.02	
11 Dichlorofluoromethane	67	2.666	2.672	-0.006	97	637829	5.00	5.03	
12 Trichlorofluoromethane	101	2.757	2.769	-0.012	98	450518	5.00	4.12	
14 1,2-Dichloro-1,1,2-trifluoroethane	67	3.013	3.019	-0.006	96	391989	5.00	5.35	
17 1,1-Dichloroethene	96	3.221	3.227	-0.006	97	347594	5.00	7.11	
19 Acetone	43	3.251	3.257	-0.006	99	345339	62.6	54.8	
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.263	3.269	-0.006	93	346437	5.00	6.86	
20 Iodomethane	142	3.397	3.403	-0.006	99	541002	5.00	6.04	
23 Carbon disulfide	76	3.501	3.513	-0.012	99	877632	5.00	6.30	
24 Methyl acetate	43	3.641	3.635	0.006	28	77576	5.00	6.43	
25 3-Chloro-1-propene	41	3.647	3.653	-0.006	91	505826	5.00	5.94	
27 Methylene Chloride	84	3.812	3.818	-0.006	92	307132	5.00	6.23	
* 28 t-Butyl alcohol-d10 (IS)	65	3.824	3.824	0.000	97	87023	50.0	50.0	
29 2-Methyl-2-propanol	59	3.928	3.946	-0.018	99	93129	50.0	62.1	
30 Acrylonitrile	53	4.141	4.147	-0.006	98	170816	25.0	19.7	
31 Methyl tert-butyl ether	73	4.178	4.184	-0.006	95	599441	5.00	5.53	
33 trans-1,2-Dichloroethene	96	4.196	4.202	-0.006	99	347480	5.00	6.43	
34 Hexane	57	4.617	4.623	-0.006	93	516294	5.00	6.72	
35 1,1-Dichloroethane	63	4.848	4.854	-0.006	96	648671	5.00	6.45	
37 Isopropyl ether	45	4.909	4.915	-0.006	94	947256	5.00	5.87	
38 2-Chloro-1,3-butadiene	53	4.964	4.970	-0.006	92	548116	5.00	6.16	
39 Tert-butyl ethyl ether	59	5.452	5.458	-0.006	98	820872	5.00	5.64	
41 2-Butanone (MEK)	43	5.659	5.659	0.000	100	603490	62.6	54.9	
42 cis-1,2-Dichloroethene	96	5.696	5.702	-0.006	83	458528	5.00	8.02	
43 2,2-Dichloropropane	77	5.708	5.714	-0.006	87	546064	5.00	6.07	
44 Propionitrile	54	5.781	5.751	0.030	95	73321	37.5	37.0	
46 Methacrylonitrile	67	5.958	5.964	-0.006	92	403076	37.5	35.4	

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	94	131825	5.00	6.10	
48 Tetrahydrofuran	71	6.055	6.043	0.012	82	73678	25.0	23.2	
50 Chloroform	83	6.189	6.196	-0.007	94	611105	5.00	6.23	
\$ 51 Dibromofluoromethane (Surr)	113	6.403	6.415	-0.012	93	476554	10.0	10.3	
52 1,1,1-Trichloroethane	97	6.421	6.427	-0.006	99	620532	5.00	6.70	
54 Cyclohexane	56	6.525	6.531	-0.006	91	665322	5.00	6.42	
55 1,1-Dichloropropene	75	6.641	6.641	0.000	94	521168	5.00	6.44	
56 Carbon tetrachloride	117	6.641	6.641	0.000	88	512215	5.00	6.58	
57 Isobutyl alcohol	41	6.799	6.793	0.006	94	80046	125.1	124.5	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.872	6.872	0.000	93	86052	10.0	10.1	
59 Benzene	78	6.903	6.903	0.000	97	1401013	5.00	5.98	
60 1,2-Dichloroethane	62	6.976	6.976	0.000	97	311469	5.00	5.97	
62 Tert-amyl methyl ether	73	7.104	7.104	0.000	98	702968	5.00	5.78	
* 64 Fluorobenzene (IS)	96	7.317	7.323	-0.006	98	2017381	10.0	10.0	
65 n-Heptane	43	7.342	7.348	-0.006	92	526603	5.00	6.71	
66 n-Butanol	56	7.720	7.701	0.019	90	128421	250.2	321.9	
67 Trichloroethene	95	7.811	7.811	0.000	98	482088	5.00	7.84	
69 Methylcyclohexane	83	8.122	8.128	-0.006	93	677287	5.00	6.46	
70 1,2-Dichloropropane	63	8.146	8.146	0.000	87	332290	5.00	6.04	
71 2-ethoxy-2-methyl butane	87	8.165	8.165	0.000	93	484711	5.00	5.78	
72 Methyl methacrylate	69	8.250	8.244	0.006	96	96331	5.00	4.16	
73 1,4-Dioxane	88	8.250	8.250	0.000	33	14794	125.1	235.1	
74 Dibromomethane	93	8.256	8.256	0.000	97	128589	5.00	5.95	
76 Dichlorobromomethane	83	8.500	8.500	0.000	99	372459	5.00	5.90	
77 2-Nitropropane	41	8.768	8.768	0.000	99	27974	5.00	3.54	
79 1-Bromo-2-chloroethane	63	8.902	8.896	0.006	99	244257	5.00	5.25	
80 cis-1,3-Dichloropropene	75	9.073	9.073	0.000	95	418568	5.00	5.76	
81 4-Methyl-2-pentanone (MIBK)	43	9.256	9.256	0.000	97	1696861	62.6	54.9	
\$ 82 Toluene-d8 (Surr)	98	9.396	9.402	-0.006	94	2069832	10.0	9.86	
84 Toluene	92	9.482	9.482	0.000	98	908190	5.00	5.79	
85 trans-1,3-Dichloropropene	75	9.762	9.762	0.000	94	329926	5.00	5.76	
86 Ethyl methacrylate	69	9.835	9.835	0.000	90	239847	5.00	5.87	
87 1,1,2-Trichloroethane	97	9.975	9.975	0.000	91	184127	5.00	5.65	
107 Tetrachloroethene	166	10.061	10.067	-0.006	97	792508	5.00	11.2	
108 1,3-Dichloropropane	76	10.140	10.140	0.000	92	327292	5.00	5.75	
109 2-Hexanone	43	10.201	10.195	0.006	96	1150347	62.6	58.5	
111 Chlorodibromomethane	129	10.366	10.366	0.000	90	231221	5.00	5.53	
112 Ethylene Dibromide	107	10.475	10.481	-0.006	99	169911	5.00	5.77	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.926	-0.006	87	1488837	10.0	10.0	
114 1-Chlorohexane	91	10.939	10.939	0.000	98	536053	5.00	5.89	
115 Chlorobenzene	112	10.951	10.951	0.000	94	950546	5.00	5.90	
116 1,1,1,2-Tetrachloroethane	131	11.036	11.036	0.000	95	314021	5.00	5.76	
117 Ethylbenzene	91	11.042	11.042	0.000	99	1818907	5.00	5.95	
118 m-Xylene & p-Xylene	106	11.164	11.164	0.000	100	1397997	10.0	11.7	
120 o-Xylene	106	11.499	11.499	0.000	97	661929	5.00	5.89	
121 Styrene	104	11.512	11.512	0.000	95	1042290	5.00	5.92	
122 Bromoform	173	11.670	11.670	0.000	96	120365	5.00	5.56	
123 Isopropylbenzene	105	11.804	11.804	0.000	96	1843400	5.00	6.00	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	755245	10.0	10.0	
127 1,1,2,2-Tetrachloroethane	83	12.054	12.054	0.000	94	213361	5.00	5.42	
128 Bromobenzene	156	12.066	12.066	0.000	97	362291	5.00	5.66	
129 trans-1,4-Dichloro-2-butene	53	12.079	12.079	0.000	92	205014	25.0	19.2	

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	55729	5.00	5.32	
131 N-Propylbenzene	91	12.140	12.140	0.000	99	2170261	5.00	5.83	
132 2-Chlorotoluene	126	12.213	12.213	0.000	96	403922	5.00	5.73	
133 1,3,5-Trimethylbenzene	105	12.280	12.280	0.000	94	1510609	5.00	5.71	
134 4-Chlorotoluene	126	12.304	12.304	0.000	98	413497	5.00	5.75	
135 tert-Butylbenzene	134	12.518	12.518	0.000	93	308711	5.00	5.43	
137 1,2,4-Trimethylbenzene	105	12.566	12.566	0.000	98	1508929	5.00	5.60	
138 sec-Butylbenzene	105	12.682	12.682	0.000	95	1975503	5.00	5.99	
139 1,3-Dichlorobenzene	146	12.780	12.780	0.000	98	758954	5.00	5.83	
140 4-Isopropyltoluene	119	12.798	12.798	0.000	97	1639770	5.00	5.75	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	94	847474	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.859	12.859	0.000	94	770943	5.00	5.77	
143 1,2,3-Trimethylbenzene	120	12.865	12.871	-0.006	99	637355	5.00	5.74	
144 Benzyl chloride	126	12.932	12.932	0.000	99	86319	5.00	5.68	
145 p-Diethylbenzene	119	13.066	13.066	0.000	95	992472	5.00	5.88	
146 n-Butylbenzene	92	13.091	13.091	0.000	97	818576	5.00	5.99	
147 1,2-Dichlorobenzene	146	13.115	13.115	0.000	98	661923	5.00	5.77	
148 1,2-Dibromo-3-Chloropropane	155	13.658	13.658	0.000	84	25694	5.00	5.36	
150 1,3,5-Trichlorobenzene	180	13.786	13.786	0.000	97	532947	5.00	5.81	
151 1,2,4-Trichlorobenzene	180	14.212	14.212	0.000	94	418851	5.00	5.92	
152 Hexachlorobutadiene	225	14.292	14.298	-0.006	97	189958	5.00	6.14	
153 Naphthalene	128	14.389	14.389	0.000	97	649693	5.00	5.53	
154 1,2,3-Trichlorobenzene	180	14.529	14.529	0.000	96	328435	5.00	5.69	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

MSV_QC_Gas826_00285

Amount Added: 5.38

Units: uL

MSV_LCS_VOC#1_00246

Amount Added: 5.38

Units: uL

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 31-Oct-2025 14:28:11

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X45.D

Injection Date: 31-Oct-2025 01:34:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: 410-249042-A-5 MS

Worklist Smp#: 14

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

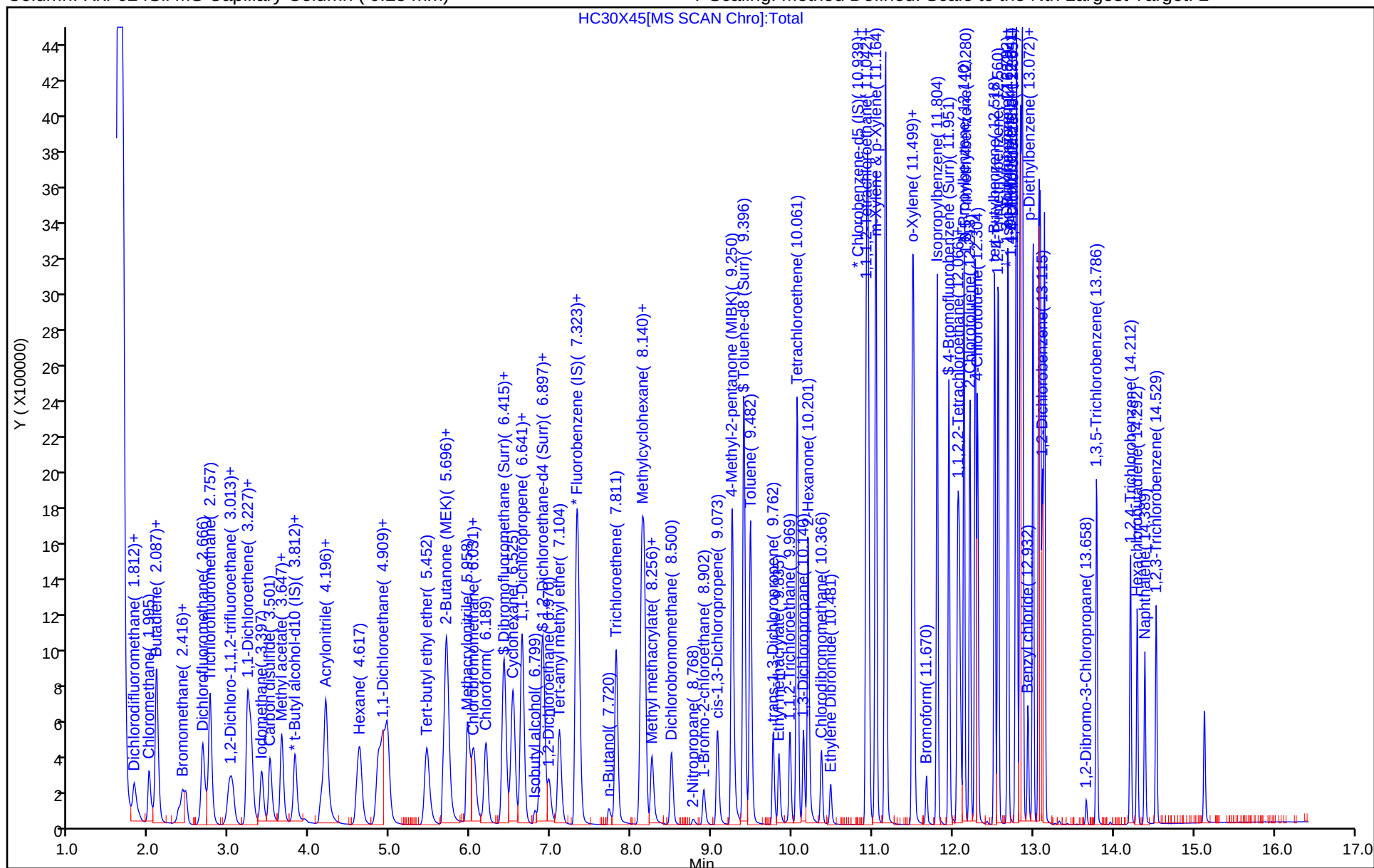
ALS Bottle#: 15

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\20251030-165098.b\HC30X45.D
Lims ID: 410-249042-A-5 MS
Client ID: HD-COD-SW-15-0/1-0 MS
Sample Type: MS
Inject. Date: 31-Oct-2025 01:34:30 ALS Bottle#: 15 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0165098-014
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 31-Oct-2025 01:19:29 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 14:28:10

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	10.3	103.20
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.1	101.01
\$ 82 Toluene-d8 (Surr)	10.0	9.86	98.57
\$ 126 4-Bromofluorobenzene (Surr)	10.0	10.0	100.02

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-249042-1

SDG No.:

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

Lab Sample ID: 410-249042-5 MSD

Matrix: Water

Lab File ID: HC30X46.D

Analysis Method: 8260D

Date Collected: 10/24/2025 10:50

Sample wt/vol: 25 (mL)

Date Analyzed: 10/31/2025 01:55

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.: 722416

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	5.90		0.50	0.070
71-55-6	1,1,1-Trichloroethane	6.71		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	5.58		0.50	0.10
79-00-5	1,1,2-Trichloroethane	5.88		0.50	0.080
75-34-3	1,1-Dichloroethane	6.59		0.50	0.10
75-35-4	1,1-Dichloroethene	7.15		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	5.93		0.50	0.080
107-06-2	1,2-Dichloroethane	6.11		0.50	0.070
78-87-5	1,2-Dichloropropane	6.17		0.50	0.10
78-93-3	2-Butanone (MEK)	62.7		5.0	1.0
591-78-6	2-Hexanone	65.8		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	60.9		5.0	1.0
67-64-1	Acetone	59.5		5.0	1.5
71-43-2	Benzene	6.05		0.50	0.10
74-97-5	Bromochloromethane	6.34		0.50	0.080
75-27-4	Bromodichloromethane	6.12		0.50	0.080
75-25-2	Bromoform	5.70		1.0	0.30
74-83-9	Bromomethane	4.94		0.50	0.10
75-15-0	Carbon disulfide	6.43		1.0	0.10
56-23-5	Carbon tetrachloride	6.73		0.50	0.10
108-90-7	Chlorobenzene	6.05		0.50	0.070
75-00-3	Chloroethane	5.01		0.50	0.10
67-66-3	Chloroform	6.37		0.50	0.090
74-87-3	Chloromethane	4.57		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	8.19		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	5.87		0.50	0.10
124-48-1	Dibromochloromethane	5.69		0.50	0.080
100-41-4	Ethylbenzene	6.11		0.50	0.080
1634-04-4	Methyl tert-butyl ether	5.65		0.50	0.080
75-09-2	Methylene Chloride	6.29		0.50	0.20
100-42-5	Styrene	6.05		0.50	0.070

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-COD-SW-15-0/1-0 MSD Lab Sample ID: 410-249042-5 MSD
MSD

Matrix: Water Lab File ID: HC30X46.D

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

Sample wt/vol: 25 (mL) Date Analyzed: 10/31/2025 01:55

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.: 722416 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	11.3		0.50	0.20
108-88-3	Toluene	6.00		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	6.44		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	5.97		0.50	0.080
79-01-6	Trichloroethene	7.91		0.50	0.080
75-01-4	Vinyl chloride	5.09		0.50	0.10
1330-20-7	Xylenes, Total	18.1		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)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	101		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\19094\20251030-165098.b\HC30X46.D
 Lims ID: 410-249042-A-5 MSD
 Client ID: HD-COD-SW-15-0/1-0 MSD
 Sample Type: MSD
 Inject. Date: 31-Oct-2025 01:55:30 ALS Bottle#: 16 Worklist Smp#: 15
 Purge Vol: 25.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0165098-015
 Operator ID: gaw91131 Instrument ID: 19094
 Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
 Limit Group: MSV - 8260C_D
 Last Update: 31-Oct-2025 01:19:29 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 14:28:42

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	1.818	0.001	99	335447	5.00	4.30	
5 Chloromethane	50	2.001	2.007	-0.006	99	407560	5.00	4.57	
6 Butadiene	39	2.093	2.093	0.000	93	468758	5.00	4.98	
7 Vinyl chloride	62	2.111	2.111	0.000	98	431298	5.00	5.09	
9 Bromomethane	94	2.416	2.422	-0.006	91	270783	5.00	4.94	
10 Chloroethane	64	2.459	2.459	0.000	100	225993	5.00	5.01	
11 Dichlorofluoromethane	67	2.672	2.672	0.000	97	623374	5.00	5.01	
12 Trichlorofluoromethane	101	2.770	2.769	0.001	98	434537	5.00	4.06	
14 1,2-Dichloro-1,1,2-trifluoroethane	67	3.026	3.019	0.007	93	385874	5.00	5.37	
17 1,1-Dichloroethene	96	3.227	3.227	0.000	97	342794	5.00	7.15	
19 Acetone	43	3.257	3.257	0.000	77	333380	62.6	59.5	
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.269	3.269	0.000	93	345637	5.00	6.98	
20 Iodomethane	142	3.404	3.403	0.001	99	536472	5.00	6.11	
23 Carbon disulfide	76	3.507	3.513	-0.006	99	878176	5.00	6.43	
24 Methyl acetate	43	3.641	3.635	0.006	29	88038	5.00	8.20	
25 3-Chloro-1-propene	41	3.654	3.653	0.001	91	504348	5.00	6.04	
27 Methylene Chloride	84	3.818	3.818	0.000	93	304054	5.00	6.29	
* 28 t-Butyl alcohol-d10 (IS)	65	3.824	3.824	0.000	97	77452	50.0	50.0	
29 2-Methyl-2-propanol	59	3.940	3.946	-0.006	99	87125	50.0	65.3	
30 Acrylonitrile	53	4.147	4.147	0.000	99	158045	25.0	20.4	
31 Methyl tert-butyl ether	73	4.178	4.184	-0.006	95	600662	5.00	5.65	
33 trans-1,2-Dichloroethene	96	4.202	4.202	0.000	97	341180	5.00	6.44	
34 Hexane	57	4.617	4.623	-0.006	93	519998	5.00	6.90	
35 1,1-Dichloroethane	63	4.855	4.854	0.001	96	649999	5.00	6.59	
37 Isopropyl ether	45	4.909	4.915	-0.006	94	947525	5.00	5.99	
38 2-Chloro-1,3-butadiene	53	4.970	4.970	0.000	92	552610	5.00	6.33	
39 Tert-butyl ethyl ether	59	5.458	5.458	0.000	98	822761	5.00	5.76	
41 2-Butanone (MEK)	43	5.665	5.659	0.006	99	615706	62.6	62.7	
42 cis-1,2-Dichloroethene	96	5.702	5.702	0.000	83	459269	5.00	8.19	
43 2,2-Dichloropropane	77	5.708	5.714	-0.006	87	543446	5.00	6.16	
44 Propionitrile	54	5.781	5.751	0.030	97	68573	37.5	38.7	
46 Methacrylonitrile	67	5.970	5.964	0.006	92	404630	37.5	40.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
47 Chlorobromomethane	128	6.037	6.037	0.000	96	134427	5.00	6.34	
48 Tetrahydrofuran	71	6.056	6.043	0.013	79	72539	25.0	25.6	
50 Chloroform	83	6.196	6.196	0.000	94	612460	5.00	6.37	
\$ 51 Dibromofluoromethane (Surr)	113	6.409	6.415	-0.006	93	457479	10.0	10.1	
52 1,1,1-Trichloroethane	97	6.421	6.427	-0.006	99	609523	5.00	6.71	
54 Cyclohexane	56	6.531	6.531	0.000	91	659876	5.00	6.50	
55 1,1-Dichloropropene	75	6.641	6.641	0.000	94	515394	5.00	6.50	
56 Carbon tetrachloride	117	6.641	6.641	0.000	89	513490	5.00	6.73	
57 Isobutyl alcohol	41	6.805	6.793	0.012	95	72251	125.1	126.3	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.879	6.872	0.007	95	85457	10.0	10.2	
59 Benzene	78	6.909	6.903	0.006	97	1390109	5.00	6.05	
60 1,2-Dichloroethane	62	6.982	6.976	0.006	98	312572	5.00	6.11	
62 Tert-amyl methyl ether	73	7.104	7.104	0.000	98	699000	5.00	5.86	
* 64 Fluorobenzene (IS)	96	7.317	7.323	-0.006	98	1978210	10.0	10.0	
65 n-Heptane	43	7.342	7.348	-0.006	92	526437	5.00	6.84	
66 n-Butanol	56	7.720	7.701	0.019	89	121868	250.2	340.6	
67 Trichloroethene	95	7.811	7.811	0.000	98	477171	5.00	7.91	
69 Methylcyclohexane	83	8.128	8.128	0.000	92	679001	5.00	6.60	
70 1,2-Dichloropropane	63	8.147	8.146	0.001	97	332822	5.00	6.17	
71 2-ethoxy-2-methyl butane	87	8.165	8.165	0.000	92	484631	5.00	5.90	
72 Methyl methacrylate	69	8.250	8.244	0.006	90	100572	5.00	4.88	
73 1,4-Dioxane	88	8.256	8.250	0.006	29	13748	125.1	245.5	
74 Dibromomethane	93	8.262	8.256	0.006	96	130395	5.00	6.15	
76 Dichlorobromomethane	83	8.500	8.500	0.000	99	378399	5.00	6.12	
77 2-Nitropropane	41	8.768	8.768	0.000	97	29359	5.00	4.17	
79 1-Bromo-2-chloroethane	63	8.903	8.896	0.007	99	241542	5.00	5.29	
80 cis-1,3-Dichloropropene	75	9.073	9.073	0.000	95	418389	5.00	5.87	
81 4-Methyl-2-pentanone (MIBK)	43	9.256	9.256	0.000	97	1674676	62.6	60.9	
\$ 82 Toluene-d8 (Surr)	98	9.402	9.402	0.000	94	2020758	10.0	9.92	
84 Toluene	92	9.482	9.482	0.000	98	914257	5.00	6.00	
85 trans-1,3-Dichloropropene	75	9.762	9.762	0.000	94	331990	5.00	5.97	
86 Ethyl methacrylate	69	9.835	9.835	0.000	90	237355	5.00	5.99	
87 1,1,2-Trichloroethane	97	9.969	9.975	-0.006	91	185988	5.00	5.88	
107 Tetrachloroethene	166	10.067	10.067	0.000	96	778639	5.00	11.3	
108 1,3-Dichloropropane	76	10.140	10.140	0.000	91	329773	5.00	5.97	
109 2-Hexanone	43	10.201	10.195	0.006	96	1152420	62.6	65.8	
111 Chlorodibromomethane	129	10.366	10.366	0.000	90	230770	5.00	5.69	
112 Ethylene Dibromide	107	10.481	10.481	0.000	99	169446	5.00	5.93	
* 113 Chlorobenzene-d5 (IS)	117	10.920	10.926	-0.006	87	1445034	10.0	10.0	
114 1-Chlorohexane	91	10.939	10.939	0.000	98	531139	5.00	6.02	
115 Chlorobenzene	112	10.951	10.951	0.000	94	945649	5.00	6.05	
116 1,1,1,2-Tetrachloroethane	131	11.036	11.036	0.000	96	312514	5.00	5.90	
117 Ethylbenzene	91	11.042	11.042	0.000	98	1812692	5.00	6.11	
118 m-Xylene & p-Xylene	106	11.164	11.164	0.000	99	1395890	10.0	12.1	
120 o-Xylene	106	11.500	11.499	0.001	96	658874	5.00	6.04	
121 Styrene	104	11.518	11.512	0.006	95	1033792	5.00	6.05	
122 Bromoform	173	11.670	11.670	0.000	96	119864	5.00	5.70	
123 Isopropylbenzene	105	11.804	11.804	0.000	96	1835989	5.00	6.16	
\$ 126 4-Bromofluorobenzene (Surr)	95	11.951	11.951	0.000	89	736097	10.0	10.0	
127 1,1,2,2-Tetrachloroethane	83	12.054	12.054	0.000	94	211769	5.00	5.58	
128 Bromobenzene	156	12.067	12.066	0.001	97	362746	5.00	5.87	
129 trans-1,4-Dichloro-2-butene	53	12.079	12.079	0.000	93	205681	25.0	21.6	

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	56604	5.00	5.60	
131 N-Propylbenzene	91	12.140	12.140	0.000	99	2172732	5.00	6.05	
132 2-Chlorotoluene	126	12.213	12.213	0.000	96	402035	5.00	5.91	
133 1,3,5-Trimethylbenzene	105	12.280	12.280	0.000	94	1519974	5.00	5.96	
134 4-Chlorotoluene	126	12.304	12.304	0.000	98	403460	5.00	5.82	
135 tert-Butylbenzene	134	12.518	12.518	0.000	93	310890	5.00	5.67	
137 1,2,4-Trimethylbenzene	105	12.560	12.566	-0.006	98	1492187	5.00	5.74	
138 sec-Butylbenzene	105	12.682	12.682	0.000	95	1969373	5.00	6.19	
139 1,3-Dichlorobenzene	146	12.786	12.780	0.006	98	756855	5.00	6.03	
140 4-Isopropyltoluene	119	12.798	12.798	0.000	97	1642547	5.00	5.98	
* 141 1,4-Dichlorobenzene-d4	152	12.841	12.841	0.000	95	817254	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.859	12.859	0.000	94	768585	5.00	5.97	
143 1,2,3-Trimethylbenzene	120	12.865	12.871	-0.006	99	634278	5.00	5.92	
144 Benzyl chloride	126	12.932	12.932	0.000	99	85488	5.00	5.83	
145 p-Diethylbenzene	119	13.066	13.066	0.000	95	990595	5.00	6.08	
146 n-Butylbenzene	92	13.091	13.091	0.000	97	821819	5.00	6.23	
147 1,2-Dichlorobenzene	146	13.115	13.115	0.000	98	656774	5.00	5.93	
148 1,2-Dibromo-3-Chloropropane	155	13.658	13.658	0.000	84	25484	5.00	5.51	
150 1,3,5-Trichlorobenzene	180	13.792	13.786	0.006	97	535496	5.00	6.05	
151 1,2,4-Trichlorobenzene	180	14.212	14.212	0.000	94	424720	5.00	6.23	
152 Hexachlorobutadiene	225	14.298	14.298	0.000	97	194688	5.00	6.52	
153 Naphthalene	128	14.389	14.389	0.000	97	653221	5.00	5.76	
154 1,2,3-Trichlorobenzene	180	14.529	14.529	0.000	95	332996	5.00	5.98	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

MSV_QC_Gas826_00285

Amount Added: 5.38

Units: uL

MSV_LCS_VOC#1_00246

Amount Added: 5.38

Units: uL

MSV_LLcentISS_00018

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 31-Oct-2025 14:28:43

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X46.D

Injection Date: 31-Oct-2025 01:55:30

Instrument ID: 19094

Operator ID: gaw91131

Lims ID: 410-249042-A-5 MSD

Worklist Smp#: 15

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

Purge Vol: 25.000 mL

Dil. Factor: 1.0000

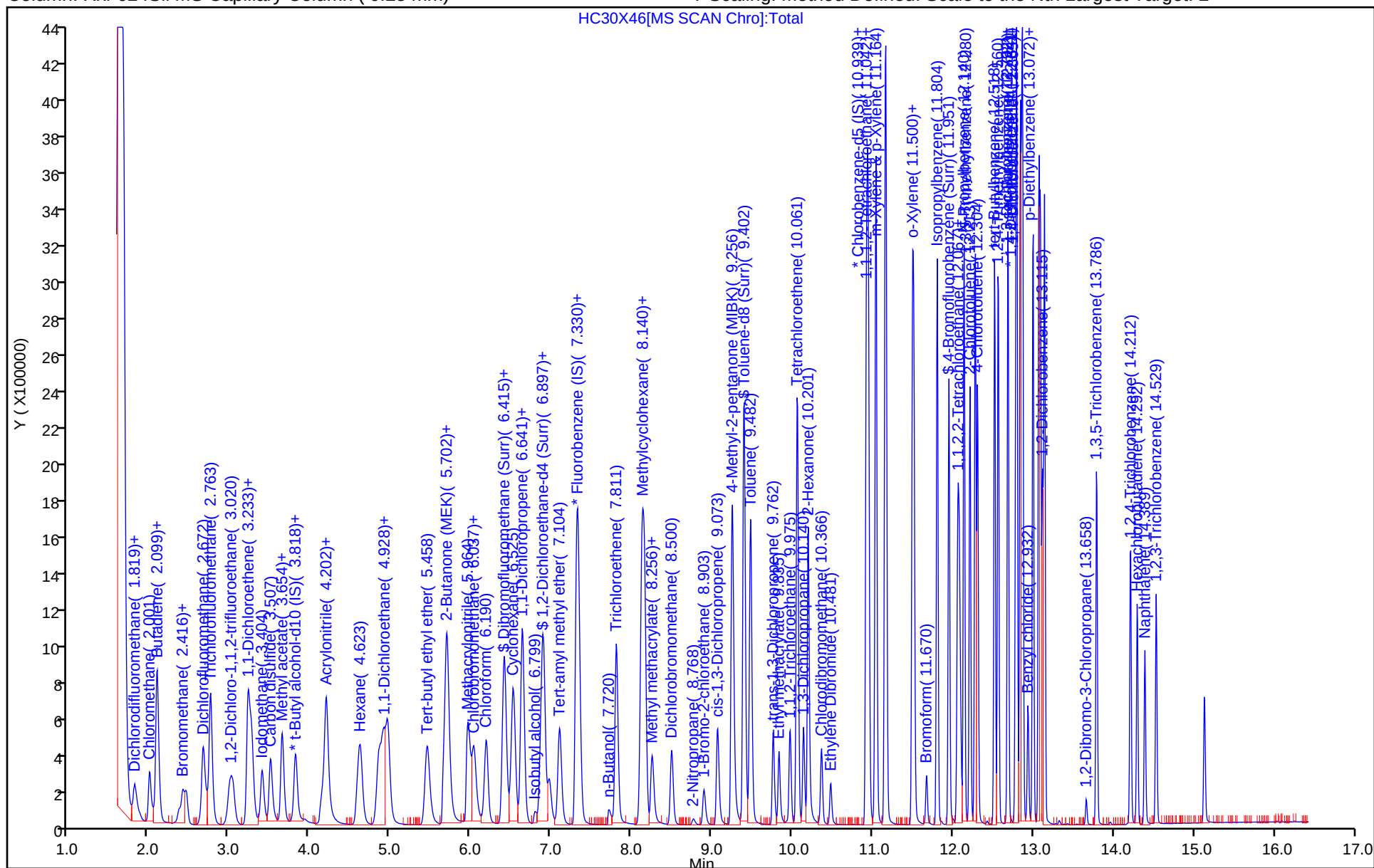
ALS Bottle#: 16

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
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\HC30X46.D
Lims ID: 410-249042-A-5 MSD
Client ID: HD-COD-SW-15-0/1-0 MSD
Sample Type: MSD
Inject. Date: 31-Oct-2025 01:55:30 ALS Bottle#: 16 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0165098-015
Operator ID: gaw91131 Instrument ID: 19094
Method: \\chromfs\Lancaster\ChromData\19094\20251030-165098.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 31-Oct-2025 01:19:29 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: CTX1727

First Level Reviewer: N9NA

Date: 31-Oct-2025 14:28:42

Compound	Amount Added	Amount Recovered	% Rec.
\$ 51 Dibromofluoromethane (Surr)	10.0	10.1	101.03
\$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.2	102.30
\$ 82 Toluene-d8 (Surr)	10.0	9.92	99.15
\$ 126 4-Bromofluorobenzene (Surr)	10.0	10.0	100.44

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-249042-1

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.: 410-249042-1

SDG No.:

Instrument ID: 19094

Start Date: 10/30/2025 20:29

Analysis Batch Number: 722416

End Date: 10/31/2025 07:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-722416/1		10/30/2025 20:29	1	HC30T31.D	R-624Si1MS 30m 0.25 (mm)
CCVIS 410-722416/3		10/30/2025 21:04	1	HC30X32.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		10/30/2025 21:46	1		R-624Si1MS 30m 0.25 (mm)
MB 410-722416/6		10/30/2025 22:07	1	HC30X35.D	R-624Si1MS 30m 0.25 (mm)
LCS 410-722416/62		10/30/2025 22:28	1	HC30X36.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/30/2025 23:10	1		R-624Si1MS 30m 0.25 (mm)
410-249042-13	HD-QC1-0/1-2	10/30/2025 23:30	1	HC30X39.D	R-624Si1MS 30m 0.25 (mm)
410-249042-1	HD-COD-SW-7-0/1-0	10/30/2025 23:51	1	HC30X40.D	R-624Si1MS 30m 0.25 (mm)
410-249042-2	HD-COD-SW-8-0/1-0	10/31/2025 00:12	1	HC30X41.D	R-624Si1MS 30m 0.25 (mm)
410-249042-3	HD-COD-SW-9-0/1-0	10/31/2025 00:32	1	HC30X42.D	R-624Si1MS 30m 0.25 (mm)
410-249042-4	HD-COD-SW-13-0/1-0	10/31/2025 00:53	1	HC30X43.D	R-624Si1MS 30m 0.25 (mm)
410-249042-5	HD-COD-SW-15-0/1-0	10/31/2025 01:13	1	HC30X44.D	R-624Si1MS 30m 0.25 (mm)
410-249042-5 MS	HD-COD-SW-15-0/1-0 MS MS	10/31/2025 01:34	1	HC30X45.D	R-624Si1MS 30m 0.25 (mm)
410-249042-5 MSD	HD-COD-SW-15-0/1-0 MSD MSD	10/31/2025 01:55	1	HC30X46.D	R-624Si1MS 30m 0.25 (mm)
410-249042-6	HD-COD-SW-16-0/1-0	10/31/2025 02:15	1	HC30X47.D	R-624Si1MS 30m 0.25 (mm)
410-249042-8	HD-COD-SW-26-0/1-0	10/31/2025 02:36	1	HC30X48.D	R-624Si1MS 30m 0.25 (mm)
410-249042-9	HD-COD-SW-27-0/1-0	10/31/2025 02:57	1	HC30X49.D	R-624Si1MS 30m 0.25 (mm)
410-249042-10	HD-COD-SW-28-0/1-0	10/31/2025 03:18	1	HC30X50.D	R-624Si1MS 30m 0.25 (mm)
410-249042-11	HD-COD-SW-29-0/1-0	10/31/2025 03:38	1	HC30X51.D	R-624Si1MS 30m 0.25 (mm)
410-249042-7	HD-COD-SW-17-0/1-0	10/31/2025 03:59	1	HC30X52.D	R-624Si1MS 30m 0.25 (mm)
410-249042-7 DL	HD-COD-SW-17-0/1-0 DL	10/31/2025 04:20	10	HC30X53.D	R-624Si1MS 30m 0.25 (mm)
410-249042-12	HD-QC1-0/1-1	10/31/2025 04:40	1	HC30X54.D	R-624Si1MS 30m 0.25 (mm)
410-249042-12 DL	HD-QC1-0/1-1 DL	10/31/2025 05:01	10	HC30X55.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/31/2025 05:21	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/31/2025 05:42	25		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/31/2025 06:24	100		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/31/2025 06:44	1000		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/31/2025 07:05	100		R-624Si1MS 30m 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1

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.: 410-249042-1

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.

8260D

Page 2 of 4

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1

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.

8260D

Page 3 of 4

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1

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.: 410-249042-1

SDG No.: _____

Batch Number: 722416 Batch Start Date: 10/30/25 20:29 Batch Analyst: Walmer, GavinBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	ResidualChloCh eck	Headspace	Lot#Vial
BFB 410-722416/1		8260D			1 uL	1 uL				
CCVIS 410-722416/3		8260D			25 mL	25 mL				2816
MB 410-722416/6		8260D			25 mL	25 mL				2816
410-249042-A-13	HD-QC1-0/1-2	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-249042-A-1	HD-COD-SW-7-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-249042-A-2	HD-COD-SW-8-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-249042-A-3	HD-COD-SW-9-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-249042-A-4	HD-COD-SW-13-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-249042-A-5	HD-COD-SW-15-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-249042-A-5 MS	HD-COD-SW-15-0/1-0 MS	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-249042-A-5 MSD	HD-COD-SW-15-0/1-0 MSD	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-249042-A-6	HD-COD-SW-16-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-249042-A-8	HD-COD-SW-26-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-249042-A-9	HD-COD-SW-27-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-249042-A-10	HD-COD-SW-28-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-249042-A-11	HD-COD-SW-29-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-249042-A-7	HD-COD-SW-17-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-249042-B-7	HD-COD-SW-17-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	2816
410-249042-A-12	HD-QC1-0/1-1	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-249042-B-12	HD-QC1-0/1-1	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	2816
LCS 410-722416/62		8260D			25 mL	25 mL				2816

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.: 410-249042-1

SDG No.: _____

Batch Number: 722416 Batch Start Date: 10/30/25 20:29 Batch Analyst: Walmer, GavinBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_VOC#1 00246	MSV_LL_#1_826 00181	MSV_LL_#2_826 00196	MSV_LL_GAS826 00295	MSV_LLcentISS 00018	MSV_QC_Gas826 00285
BFB 410-722416/1		8260D								
CCVIS 410-722416/3		8260D				20 uL	20 uL	20 uL	5 uL	
MB 410-722416/6		8260D							5 uL	
410-249042-A-13	HD-QC1-0/1-2	8260D	Water	T					5 uL	
410-249042-A-1	HD-COD-SW-7-0/1-0	8260D	Water	T					5 uL	
410-249042-A-2	HD-COD-SW-8-0/1-0	8260D	Water	T					5 uL	
410-249042-A-3	HD-COD-SW-9-0/1-0	8260D	Water	T					5 uL	
410-249042-A-4	HD-COD-SW-13-0/1-0	8260D	Water	T					5 uL	
410-249042-A-5	HD-COD-SW-15-0/1-0	8260D	Water	T					5 uL	
410-249042-A-5 MS	HD-COD-SW-15-0/1-0 MS	8260D	Water	T	5.38 uL				5 uL	5.38 uL
410-249042-A-5 MSD	HD-COD-SW-15-0/1-0 MSD	8260D	Water	T	5.38 uL				5 uL	5.38 uL
410-249042-A-6	HD-COD-SW-16-0/1-0	8260D	Water	T					5 uL	
410-249042-A-8	HD-COD-SW-26-0/1-0	8260D	Water	T					5 uL	
410-249042-A-9	HD-COD-SW-27-0/1-0	8260D	Water	T					5 uL	
410-249042-A-10	HD-COD-SW-28-0/1-0	8260D	Water	T					5 uL	
410-249042-A-11	HD-COD-SW-29-0/1-0	8260D	Water	T					5 uL	
410-249042-A-7	HD-COD-SW-17-0/1-0	8260D	Water	T					5 uL	
410-249042-B-7	HD-COD-SW-17-0/1-0	8260D	Water	T					5 uL	
410-249042-A-12	HD-QC1-0/1-1	8260D	Water	T					5 uL	
410-249042-B-12	HD-QC1-0/1-1	8260D	Water	T					5 uL	
LCS 410-722416/62		8260D			12.5 uL				5 uL	12.5 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 00019					
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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 4

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1

SDG No.: _____

Batch Number: 722416 Batch Start Date: 10/30/25 20:29 Batch Analyst: Walmer, GavinBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 000I9				
BFB 410-722416/1		8260D			1 uL				
CCVIS 410-722416/3		8260D							
MB 410-722416/6		8260D							
410-249042-A-13	HD-QC1-0/1-2	8260D	Water	T					
410-249042-A-1	HD-COD-SW-7-0/1-0	8260D	Water	T					
410-249042-A-2	HD-COD-SW-8-0/1-0	8260D	Water	T					
410-249042-A-3	HD-COD-SW-9-0/1-0	8260D	Water	T					
410-249042-A-4	HD-COD-SW-13-0/1-0	8260D	Water	T					
410-249042-A-5	HD-COD-SW-15-0/1-0	8260D	Water	T					
410-249042-A-5 MS	HD-COD-SW-15-0/1-0 MS	8260D	Water	T					
410-249042-A-5 MSD	HD-COD-SW-15-0/1-0 MSD	8260D	Water	T					
410-249042-A-6	HD-COD-SW-16-0/1-0	8260D	Water	T					
410-249042-A-8	HD-COD-SW-26-0/1-0	8260D	Water	T					
410-249042-A-9	HD-COD-SW-27-0/1-0	8260D	Water	T					
410-249042-A-10	HD-COD-SW-28-0/1-0	8260D	Water	T					
410-249042-A-11	HD-COD-SW-29-0/1-0	8260D	Water	T					
410-249042-A-7	HD-COD-SW-17-0/1-0	8260D	Water	T					
410-249042-B-7	HD-COD-SW-17-0/1-0	8260D	Water	T					
410-249042-A-12	HD-QC1-0/1-1	8260D	Water	T					
410-249042-B-12	HD-QC1-0/1-1	8260D	Water	T					
LCS 410-722416/62		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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-249042-1

SDG No.: _____

Batch Number: 722416 Batch Start Date: 10/30/25 20:29 Batch Analyst: Walmer, GavinBatch Method: 8260D Batch End Date: _____

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents



410-249042 Chain of Custody

Environmental Analysis Request/Chain of Custody

ps. 1 of 2

I Environmental

Acct. #

Group #

Sample #

Client: Groundwater Sciences Corporation				Matrix			Analyses Requested										For Lab Use Only			
Project Name/#: YNOP Monthly Surface Water		Site ID #: YNOP, York PA		☐ Tissue ☐ Ground ☒ Surface			Preservation Codes										SF #: _____			
Project Manager: Chris O'Neil		P.O. #: GSC.0100125300		☐ Potable ☐ NPDES ☐ Water													SCR #: _____			
Sampler: Casey Littlefield / Lucas Grimm		PWSID #: N/A		☐ Sediment ☐ Soil													Preservation Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ P = H ₃ PO ₄ O = Other			
Phone #: (717) 901-8176 / (717) 756-1246		Quote #:		☐ Other:																
State where samples were collected: York, PA		For Compliance: Yes ☐ No ☒																		
Sample Identification		Date	Time	Grab	Composite	Soil	Water	Other:	Total # of Containers	Aqueous VOCs via 8260D (low level - 25 ml purge)										Remarks
HD-COD-SW-6-0/1-0		10/24/25		X			X		3	X							All samples preserved on ice			
HD-COD-SW-7-0/1-0			1030	X			X		3	X										
HD-COD-SW-8-0/1-0			0855	X			X		3	X										
HD-COD-SW-9-0/1-0			1145	X			X		3	X										
HD-COD-SW-13-0/1-0			0910	X			X		3	X										
HD-COD-SW-15-0/1-0			1050	X			X		3	X										
HD-COD-SW-15-0/1-0 MS			1050	X			X		3	X										
HD-COD-SW-15-0/1-0 MSD			1050	X			X		3	X										
HD-COD-SW-16-0/1-0			0927	X			X		3	X										
HD-COD-SW-17-0/1-0			0935	X			X		3	X										
Turnaround Time Requested (TAT) (please check):				Standard ☒ Rush ☐		Relinquished by: <i>[Signature]</i>		Date: 10/24/25 Time: 1310		Received by: <i>Pierre</i>		Date: 10/24/25 Time: 1310								
(Rush TAT is subject to laboratory approval and surcharges.)						Relinquished by: <i>Pierre</i>		Date: 10/24/25 Time: 1410		Received by: _____		Date: _____ Time: _____								
Date results are needed: STANDARD						Relinquished by: _____		Date: _____ Time: _____		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 ☐		Type III (Reduced non-CLP) ☐		CT RCP ☐		Type VI (Raw Data Only) ☐		TX TRRP-13 ☐		NJ DKQP ☐		NYSDEC Category ☐ A or ☐ B						
CLP Like Deliverables, Project Specific Analyte List						Relinquished by Commercial Carrier: _____		Date: _____ Time: _____		Received by: <i>[Signature]</i>		Date: 10/24/25 Time: 1410								
EDD Required? Yes ☒ No ☐						If yes, format: _____		UPS _____ FedEx _____ Other _____		Temperature upon receipt: 40'S.2 40'S.1 °C										

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7045 0216



**Lancaster Laboratories
Environmental**

Acct. # _____ Group # _____ Sample # _____

Environmental Analysis Request/Chain of Custody

[illegible]

Login Sample Receipt Checklist

Client: Verdantas

Job Number: 410-249042-1

Login Number: 249042

List Number: 1

Creator: Foreman, Kai

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 ($\leq 6^{\circ}\text{C}$, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temp acceptable, where thermal pres is required ($\leq 6^{\circ}\text{C}$, 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 $> 6\text{mm}$ in diameter (none, if from WV)?	True	