eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Christopher O'Neil
Groundwater Sciences Corporation
2550 Interstate Drive
Suite 303
Harrisburg PA 17110

Generated 08/06/2025

JOB DESCRIPTION

fYNOP Monthly Surface Water

JOB NUMBER

410-234794-1

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

See page two for job notes and contact information.

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
08/06/2025

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

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^c	CCV Recovery is outside acceptance limits.
cn	Refer to Case Narrative for further detail
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
410-234794-1

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 7/30/2025 2:33 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.4°C.

GC/MS VOA
Method 8260D_LL: The continuing calibration verification (CCV) associated with batch 410-680541 recovered outside acceptance criteria, low biased, for 4-Methyl-2-pentanone (MIBK). A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D_LL: The continuing calibration verification (CCV) associated with batch 410-680541 recovered above the upper control limit for 1,2-Dichloropropane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

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

Detection Summary

Client: Groundwater Sciences Corporation
Job ID: 410-234794-1
Project/Site: fYNOP Monthly Surface Water

Client Sample ID: HD-COD-SW-6-0/1-0 — Lab Sample ID: 410-234794-1

No Detections.

Client Sample ID: HD-COD-SW-7-0/1-0 — Lab Sample ID: 410-234794-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.13	J	0.50	0.090	ug/L	1		8260D	Total/NA

Client Sample ID: HD-COD-SW-8-0/1-0 — Lab Sample ID: 410-234794-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.11	J	0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.80		0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	0.12	J	0.50	0.080	ug/L	1		8260D	Total/NA

Client Sample ID: HD-COD-SW-9-0/1-0 — Lab Sample ID: 410-234794-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.18	J	0.50	0.090	ug/L	1		8260D	Total/NA
Trichloroethene	0.085	J	0.50	0.080	ug/L	1		8260D	Total/NA

Client Sample ID: HD-COD-SW-13-0/1-0 — Lab Sample ID: 410-234794-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.081	J	0.50	0.080	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.12	J	0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	1.1		0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	0.13	J	0.50	0.080	ug/L	1		8260D	Total/NA

Client Sample ID: HD-COD-SW-15-0/1-0 — Lab Sample ID: 410-234794-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.28	J	0.50	0.080	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	0.17	J	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	1.2		0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	4.1		0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	1.3		0.50	0.080	ug/L	1		8260D	Total/NA

Client Sample ID: HD-COD-SW-16-0/1-0 — Lab Sample ID: 410-234794-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.14	J	0.50	0.080	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.12	J	0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene	2.3		0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	0.14	J	0.50	0.080	ug/L	1		8260D	Total/NA

Client Sample ID: HD-COD-SW-17-0/1-0 — Lab Sample ID: 410-234794-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	9.6		0.50	0.080	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	1.6		0.50	0.10	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	0.72		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	2.3		0.50	0.080	ug/L	1		8260D	Total/NA
Trichloroethene	3.2		0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	130		10	4.0	ug/L	20		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Groundwater Sciences Corporation
Job ID: 410-234794-1
Project/Site: fYNOP Monthly Surface Water

Client Sample ID: HD-COD-SW-26-0/1-0
Lab Sample ID: 410-234794-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.15	J	0.50	0.090	ug/L	1		8260D	Total/NA

Client Sample ID: HD-COD-SW-27-0/1-0
Lab Sample ID: 410-234794-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.12	J	0.50	0.090	ug/L	1		8260D	Total/NA
Trichloroethene	0.093	J	0.50	0.080	ug/L	1		8260D	Total/NA

Client Sample ID: HD-COD-SW-28-0/1-0
Lab Sample ID: 410-234794-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.15	J	0.50	0.090	ug/L	1		8260D	Total/NA
Trichloroethene	0.097	J	0.50	0.080	ug/L	1		8260D	Total/NA

Client Sample ID: HD-COD-SW-29-0/1-0
Lab Sample ID: 410-234794-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.42	J	0.50	0.20	ug/L	1		8260D	Total/NA
Trichloroethene	0.096	J	0.50	0.080	ug/L	1		8260D	Total/NA

Client Sample ID: HD-QC1-0/1-1
Lab Sample ID: 410-234794-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	9.5		0.50	0.080	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	1.6		0.50	0.10	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	0.71		0.50	0.10	ug/L	1		8260D	Total/NA
Chloroform	0.19	J	0.50	0.090	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.3		0.50	0.080	ug/L	1		8260D	Total/NA
Trichloroethene	3.2		0.50	0.080	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	130		10	4.0	ug/L	20		8260D	Total/NA

Client Sample ID: HD-QC1-0/1-2
Lab Sample ID: 410-234794-14

No Detections.

This Detection Summary does not include radiochemical test results.

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

Lab Sample ID: 410-234794-1

Date Collected: 07/29/25 08:20

Matrix: Water

Date Received: 07/30/25 14:33

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			08/04/25 21:53	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			08/04/25 21:53	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			08/04/25 21:53	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			08/04/25 21:53	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			08/04/25 21:53	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/04/25 21:53	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			08/04/25 21:53	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			08/04/25 21:53	1
1,2-Dichloropropane	ND	^c *+ cn	0.50	0.10	ug/L			08/04/25 21:53	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			08/04/25 21:53	1
2-Hexanone	ND		5.0	2.0	ug/L			08/04/25 21:53	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	5.0	1.0	ug/L			08/04/25 21:53	1
Acetone	ND		5.0	1.5	ug/L			08/04/25 21:53	1
Benzene	ND		0.50	0.10	ug/L			08/04/25 21:53	1
Bromochloromethane	ND		0.50	0.080	ug/L			08/04/25 21:53	1
Bromodichloromethane	ND		0.50	0.080	ug/L			08/04/25 21:53	1
Bromoform	ND		1.0	0.30	ug/L			08/04/25 21:53	1
Bromomethane	ND		0.50	0.10	ug/L			08/04/25 21:53	1
Carbon disulfide	ND		1.0	0.10	ug/L			08/04/25 21:53	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			08/04/25 21:53	1
Chlorobenzene	ND		0.50	0.070	ug/L			08/04/25 21:53	1
Chloroethane	ND		0.50	0.10	ug/L			08/04/25 21:53	1
Chloroform	ND		0.50	0.090	ug/L			08/04/25 21:53	1
Chloromethane	ND		0.50	0.10	ug/L			08/04/25 21:53	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			08/04/25 21:53	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			08/04/25 21:53	1
Dibromochloromethane	ND		0.50	0.080	ug/L			08/04/25 21:53	1
Ethylbenzene	ND		0.50	0.080	ug/L			08/04/25 21:53	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			08/04/25 21:53	1
Methylene Chloride	ND		0.50	0.20	ug/L			08/04/25 21:53	1
Styrene	ND		0.50	0.070	ug/L			08/04/25 21:53	1
Tetrachloroethene	ND		0.50	0.20	ug/L			08/04/25 21:53	1
Toluene	ND		0.50	0.080	ug/L			08/04/25 21:53	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			08/04/25 21:53	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			08/04/25 21:53	1
Trichloroethene	ND		0.50	0.080	ug/L			08/04/25 21:53	1
Vinyl chloride	ND		0.50	0.10	ug/L			08/04/25 21:53	1
Xylenes, Total	ND		1.0	0.070	ug/L			08/04/25 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*		*08/04/25 21:53*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*08/04/25 21:53*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*08/04/25 21:53*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*08/04/25 21:53*	*1*

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

Lab Sample ID: 410-234794-2

Date Collected: 07/29/25 09:05

Matrix: Water

Date Received: 07/30/25 14:33

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			08/04/25 22:13	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			08/04/25 22:13	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			08/04/25 22:13	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			08/04/25 22:13	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			08/04/25 22:13	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/04/25 22:13	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			08/04/25 22:13	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			08/04/25 22:13	1
1,2-Dichloropropane	ND	^c *+ cn	0.50	0.10	ug/L			08/04/25 22:13	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			08/04/25 22:13	1
2-Hexanone	ND		5.0	2.0	ug/L			08/04/25 22:13	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	5.0	1.0	ug/L			08/04/25 22:13	1
Acetone	ND		5.0	1.5	ug/L			08/04/25 22:13	1
Benzene	ND		0.50	0.10	ug/L			08/04/25 22:13	1
Bromochloromethane	ND		0.50	0.080	ug/L			08/04/25 22:13	1
Bromodichloromethane	ND		0.50	0.080	ug/L			08/04/25 22:13	1
Bromoform	ND		1.0	0.30	ug/L			08/04/25 22:13	1
Bromomethane	ND		0.50	0.10	ug/L			08/04/25 22:13	1
Carbon disulfide	ND		1.0	0.10	ug/L			08/04/25 22:13	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			08/04/25 22:13	1
Chlorobenzene	ND		0.50	0.070	ug/L			08/04/25 22:13	1
Chloroethane	ND		0.50	0.10	ug/L			08/04/25 22:13	1
Chloroform	**0.13**	**J**	0.50	0.090	ug/L			08/04/25 22:13	1
Chloromethane	ND		0.50	0.10	ug/L			08/04/25 22:13	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			08/04/25 22:13	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			08/04/25 22:13	1
Dibromochloromethane	ND		0.50	0.080	ug/L			08/04/25 22:13	1
Ethylbenzene	ND		0.50	0.080	ug/L			08/04/25 22:13	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			08/04/25 22:13	1
Methylene Chloride	ND		0.50	0.20	ug/L			08/04/25 22:13	1
Styrene	ND		0.50	0.070	ug/L			08/04/25 22:13	1
Tetrachloroethene	ND		0.50	0.20	ug/L			08/04/25 22:13	1
Toluene	ND		0.50	0.080	ug/L			08/04/25 22:13	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			08/04/25 22:13	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			08/04/25 22:13	1
Trichloroethene	ND		0.50	0.080	ug/L			08/04/25 22:13	1
Vinyl chloride	ND		0.50	0.10	ug/L			08/04/25 22:13	1
Xylenes, Total	ND		1.0	0.070	ug/L			08/04/25 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*08/04/25 22:13*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*08/04/25 22:13*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*08/04/25 22:13*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*08/04/25 22:13*	*1*

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

Lab Sample ID: 410-234794-3

Date Collected: 07/29/25 07:12

Matrix: Water

Date Received: 07/30/25 14:33

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			08/04/25 22:34	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			08/04/25 22:34	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			08/04/25 22:34	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			08/04/25 22:34	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			08/04/25 22:34	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/04/25 22:34	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			08/04/25 22:34	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			08/04/25 22:34	1
1,2-Dichloropropane	ND	^c *+ cn	0.50	0.10	ug/L			08/04/25 22:34	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			08/04/25 22:34	1
2-Hexanone	ND		5.0	2.0	ug/L			08/04/25 22:34	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	5.0	1.0	ug/L			08/04/25 22:34	1
Acetone	ND		5.0	1.5	ug/L			08/04/25 22:34	1
Benzene	ND		0.50	0.10	ug/L			08/04/25 22:34	1
Bromochloromethane	ND		0.50	0.080	ug/L			08/04/25 22:34	1
Bromodichloromethane	ND		0.50	0.080	ug/L			08/04/25 22:34	1
Bromoform	ND		1.0	0.30	ug/L			08/04/25 22:34	1
Bromomethane	ND		0.50	0.10	ug/L			08/04/25 22:34	1
Carbon disulfide	ND		1.0	0.10	ug/L			08/04/25 22:34	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			08/04/25 22:34	1
Chlorobenzene	ND		0.50	0.070	ug/L			08/04/25 22:34	1
Chloroethane	ND		0.50	0.10	ug/L			08/04/25 22:34	1
Chloroform	ND		0.50	0.090	ug/L			08/04/25 22:34	1
Chloromethane	ND		0.50	0.10	ug/L			08/04/25 22:34	1
cis-1,2-Dichloroethene	**0.11**	**J**	0.50	0.080	ug/L			08/04/25 22:34	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			08/04/25 22:34	1
Dibromochloromethane	ND		0.50	0.080	ug/L			08/04/25 22:34	1
Ethylbenzene	ND		0.50	0.080	ug/L			08/04/25 22:34	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			08/04/25 22:34	1
Methylene Chloride	ND		0.50	0.20	ug/L			08/04/25 22:34	1
Styrene	ND		0.50	0.070	ug/L			08/04/25 22:34	1
Tetrachloroethene	**0.80**		0.50	0.20	ug/L			08/04/25 22:34	1
Toluene	ND		0.50	0.080	ug/L			08/04/25 22:34	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			08/04/25 22:34	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			08/04/25 22:34	1
Trichloroethene	**0.12**	**J**	0.50	0.080	ug/L			08/04/25 22:34	1
Vinyl chloride	ND		0.50	0.10	ug/L			08/04/25 22:34	1
Xylenes, Total	ND		1.0	0.070	ug/L			08/04/25 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 120*		*08/04/25 22:34*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*08/04/25 22:34*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*08/04/25 22:34*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*08/04/25 22:34*	*1*

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

Lab Sample ID: 410-234794-4

Date Collected: 07/29/25 10:12

Matrix: Water

Date Received: 07/30/25 14:33

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			08/04/25 22:55	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			08/04/25 22:55	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			08/04/25 22:55	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			08/04/25 22:55	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			08/04/25 22:55	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/04/25 22:55	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			08/04/25 22:55	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			08/04/25 22:55	1
1,2-Dichloropropane	ND	^c *+ cn	0.50	0.10	ug/L			08/04/25 22:55	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			08/04/25 22:55	1
2-Hexanone	ND		5.0	2.0	ug/L			08/04/25 22:55	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	5.0	1.0	ug/L			08/04/25 22:55	1
Acetone	ND		5.0	1.5	ug/L			08/04/25 22:55	1
Benzene	ND		0.50	0.10	ug/L			08/04/25 22:55	1
Bromochloromethane	ND		0.50	0.080	ug/L			08/04/25 22:55	1
Bromodichloromethane	ND		0.50	0.080	ug/L			08/04/25 22:55	1
Bromoform	ND		1.0	0.30	ug/L			08/04/25 22:55	1
Bromomethane	ND		0.50	0.10	ug/L			08/04/25 22:55	1
Carbon disulfide	ND		1.0	0.10	ug/L			08/04/25 22:55	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			08/04/25 22:55	1
Chlorobenzene	ND		0.50	0.070	ug/L			08/04/25 22:55	1
Chloroethane	ND		0.50	0.10	ug/L			08/04/25 22:55	1
Chloroform	**0.18**	**J**	0.50	0.090	ug/L			08/04/25 22:55	1
Chloromethane	ND		0.50	0.10	ug/L			08/04/25 22:55	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			08/04/25 22:55	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			08/04/25 22:55	1
Dibromochloromethane	ND		0.50	0.080	ug/L			08/04/25 22:55	1
Ethylbenzene	ND		0.50	0.080	ug/L			08/04/25 22:55	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			08/04/25 22:55	1
Methylene Chloride	ND		0.50	0.20	ug/L			08/04/25 22:55	1
Styrene	ND		0.50	0.070	ug/L			08/04/25 22:55	1
Tetrachloroethene	ND		0.50	0.20	ug/L			08/04/25 22:55	1
Toluene	ND		0.50	0.080	ug/L			08/04/25 22:55	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			08/04/25 22:55	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			08/04/25 22:55	1
Trichloroethene	**0.085**	**J**	0.50	0.080	ug/L			08/04/25 22:55	1
Vinyl chloride	ND		0.50	0.10	ug/L			08/04/25 22:55	1
Xylenes, Total	ND		1.0	0.070	ug/L			08/04/25 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*08/04/25 22:55*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*08/04/25 22:55*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*08/04/25 22:55*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*08/04/25 22:55*	*1*

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

Lab Sample ID: 410-234794-5

Date Collected: 07/29/25 07:25

Matrix: Water

Date Received: 07/30/25 14:33

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			08/04/25 23:16	1
1,1,1-Trichloroethane	**0.081**	**J**	0.50	0.080	ug/L			08/04/25 23:16	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			08/04/25 23:16	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			08/04/25 23:16	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			08/04/25 23:16	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/04/25 23:16	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			08/04/25 23:16	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			08/04/25 23:16	1
1,2-Dichloropropane	ND	^c *+ cn	0.50	0.10	ug/L			08/04/25 23:16	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			08/04/25 23:16	1
2-Hexanone	ND		5.0	2.0	ug/L			08/04/25 23:16	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	5.0	1.0	ug/L			08/04/25 23:16	1
Acetone	ND		5.0	1.5	ug/L			08/04/25 23:16	1
Benzene	ND		0.50	0.10	ug/L			08/04/25 23:16	1
Bromochloromethane	ND		0.50	0.080	ug/L			08/04/25 23:16	1
Bromodichloromethane	ND		0.50	0.080	ug/L			08/04/25 23:16	1
Bromoform	ND		1.0	0.30	ug/L			08/04/25 23:16	1
Bromomethane	ND		0.50	0.10	ug/L			08/04/25 23:16	1
Carbon disulfide	ND		1.0	0.10	ug/L			08/04/25 23:16	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			08/04/25 23:16	1
Chlorobenzene	ND		0.50	0.070	ug/L			08/04/25 23:16	1
Chloroethane	ND		0.50	0.10	ug/L			08/04/25 23:16	1
Chloroform	ND		0.50	0.090	ug/L			08/04/25 23:16	1
Chloromethane	ND		0.50	0.10	ug/L			08/04/25 23:16	1
cis-1,2-Dichloroethene	**0.12**	**J**	0.50	0.080	ug/L			08/04/25 23:16	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			08/04/25 23:16	1
Dibromochloromethane	ND		0.50	0.080	ug/L			08/04/25 23:16	1
Ethylbenzene	ND		0.50	0.080	ug/L			08/04/25 23:16	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			08/04/25 23:16	1
Methylene Chloride	ND		0.50	0.20	ug/L			08/04/25 23:16	1
Styrene	ND		0.50	0.070	ug/L			08/04/25 23:16	1
Tetrachloroethene	**1.1**		0.50	0.20	ug/L			08/04/25 23:16	1
Toluene	ND		0.50	0.080	ug/L			08/04/25 23:16	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			08/04/25 23:16	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			08/04/25 23:16	1
Trichloroethene	**0.13**	**J**	0.50	0.080	ug/L			08/04/25 23:16	1
Vinyl chloride	ND		0.50	0.10	ug/L			08/04/25 23:16	1
Xylenes, Total	ND		1.0	0.070	ug/L			08/04/25 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*08/04/25 23:16*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*08/04/25 23:16*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*08/04/25 23:16*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*08/04/25 23:16*	*1*

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

Lab Sample ID: 410-234794-6

Date Collected: 07/29/25 09:30

Matrix: Water

Date Received: 07/30/25 14:33

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			08/05/25 22:07	1
1,1,1-Trichloroethane	**0.28**	**J**	0.50	0.080	ug/L			08/05/25 22:07	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			08/05/25 22:07	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			08/05/25 22:07	1
1,1-Dichloroethane	ND	FH	0.50	0.10	ug/L			08/05/25 22:07	1
1,1-Dichloroethene	**0.17**	**J**	0.50	0.10	ug/L			08/05/25 22:07	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			08/05/25 22:07	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			08/05/25 22:07	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			08/05/25 22:07	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			08/05/25 22:07	1
2-Hexanone	ND		5.0	2.0	ug/L			08/05/25 22:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			08/05/25 22:07	1
Acetone	ND		5.0	1.5	ug/L			08/05/25 22:07	1
Benzene	ND		0.50	0.10	ug/L			08/05/25 22:07	1
Bromochloromethane	ND		0.50	0.080	ug/L			08/05/25 22:07	1
Bromodichloromethane	ND		0.50	0.080	ug/L			08/05/25 22:07	1
Bromoform	ND		1.0	0.30	ug/L			08/05/25 22:07	1
Bromomethane	ND		0.50	0.10	ug/L			08/05/25 22:07	1
Carbon disulfide	ND		1.0	0.10	ug/L			08/05/25 22:07	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			08/05/25 22:07	1
Chlorobenzene	ND		0.50	0.070	ug/L			08/05/25 22:07	1
Chloroethane	ND		0.50	0.10	ug/L			08/05/25 22:07	1
Chloroform	**0.20**	**J**	0.50	0.090	ug/L			08/05/25 22:07	1
Chloromethane	ND		0.50	0.10	ug/L			08/05/25 22:07	1
cis-1,2-Dichloroethene	**1.2**		0.50	0.080	ug/L			08/05/25 22:07	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			08/05/25 22:07	1
Dibromochloromethane	ND		0.50	0.080	ug/L			08/05/25 22:07	1
Ethylbenzene	ND		0.50	0.080	ug/L			08/05/25 22:07	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			08/05/25 22:07	1
Methylene Chloride	ND		0.50	0.20	ug/L			08/05/25 22:07	1
Styrene	ND		0.50	0.070	ug/L			08/05/25 22:07	1
Tetrachloroethene	**4.1**		0.50	0.20	ug/L			08/05/25 22:07	1
Toluene	ND		0.50	0.080	ug/L			08/05/25 22:07	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			08/05/25 22:07	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			08/05/25 22:07	1
Trichloroethene	**1.3**		0.50	0.080	ug/L			08/05/25 22:07	1
Vinyl chloride	ND		0.50	0.10	ug/L			08/05/25 22:07	1
Xylenes, Total	ND		1.0	0.070	ug/L			08/05/25 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*08/05/25 22:07*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*08/05/25 22:07*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*08/05/25 22:07*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/05/25 22:07*	*1*

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

Lab Sample ID: 410-234794-7

Date Collected: 07/29/25 07:48

Matrix: Water

Date Received: 07/30/25 14:33

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			08/05/25 23:09	1
1,1,1-Trichloroethane	**0.14**	**J**	0.50	0.080	ug/L			08/05/25 23:09	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			08/05/25 23:09	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			08/05/25 23:09	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			08/05/25 23:09	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/05/25 23:09	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			08/05/25 23:09	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			08/05/25 23:09	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			08/05/25 23:09	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			08/05/25 23:09	1
2-Hexanone	ND		5.0	2.0	ug/L			08/05/25 23:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			08/05/25 23:09	1
Acetone	ND		5.0	1.5	ug/L			08/05/25 23:09	1
Benzene	ND		0.50	0.10	ug/L			08/05/25 23:09	1
Bromochloromethane	ND		0.50	0.080	ug/L			08/05/25 23:09	1
Bromodichloromethane	ND		0.50	0.080	ug/L			08/05/25 23:09	1
Bromoform	ND		1.0	0.30	ug/L			08/05/25 23:09	1
Bromomethane	ND		0.50	0.10	ug/L			08/05/25 23:09	1
Carbon disulfide	ND		1.0	0.10	ug/L			08/05/25 23:09	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			08/05/25 23:09	1
Chlorobenzene	ND		0.50	0.070	ug/L			08/05/25 23:09	1
Chloroethane	ND		0.50	0.10	ug/L			08/05/25 23:09	1
Chloroform	ND		0.50	0.090	ug/L			08/05/25 23:09	1
Chloromethane	ND		0.50	0.10	ug/L			08/05/25 23:09	1
cis-1,2-Dichloroethene	**0.12**	**J**	0.50	0.080	ug/L			08/05/25 23:09	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			08/05/25 23:09	1
Dibromochloromethane	ND		0.50	0.080	ug/L			08/05/25 23:09	1
Ethylbenzene	ND		0.50	0.080	ug/L			08/05/25 23:09	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			08/05/25 23:09	1
Methylene Chloride	ND		0.50	0.20	ug/L			08/05/25 23:09	1
Styrene	ND		0.50	0.070	ug/L			08/05/25 23:09	1
Tetrachloroethene	**2.3**		0.50	0.20	ug/L			08/05/25 23:09	1
Toluene	ND		0.50	0.080	ug/L			08/05/25 23:09	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			08/05/25 23:09	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			08/05/25 23:09	1
Trichloroethene	**0.14**	**J**	0.50	0.080	ug/L			08/05/25 23:09	1
Vinyl chloride	ND		0.50	0.10	ug/L			08/05/25 23:09	1
Xylenes, Total	ND		1.0	0.070	ug/L			08/05/25 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*08/05/25 23:09*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*08/05/25 23:09*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*08/05/25 23:09*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/05/25 23:09*	*1*

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

Lab Sample ID: 410-234794-8

Date Collected: 07/29/25 08:10

Matrix: Water

Date Received: 07/30/25 14:33

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			08/06/25 03:37	1
1,1,1-Trichloroethane	**9.6**		0.50	0.080	ug/L			08/06/25 03:37	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			08/06/25 03:37	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			08/06/25 03:37	1
1,1-Dichloroethane	**1.6**		0.50	0.10	ug/L			08/06/25 03:37	1
1,1-Dichloroethene	**0.72**		0.50	0.10	ug/L			08/06/25 03:37	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			08/06/25 03:37	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			08/06/25 03:37	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			08/06/25 03:37	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			08/06/25 03:37	1
2-Hexanone	ND		5.0	2.0	ug/L			08/06/25 03:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			08/06/25 03:37	1
Acetone	ND		5.0	1.5	ug/L			08/06/25 03:37	1
Benzene	ND		0.50	0.10	ug/L			08/06/25 03:37	1
Bromochloromethane	ND		0.50	0.080	ug/L			08/06/25 03:37	1
Bromodichloromethane	ND		0.50	0.080	ug/L			08/06/25 03:37	1
Bromoform	ND		1.0	0.30	ug/L			08/06/25 03:37	1
Bromomethane	ND		0.50	0.10	ug/L			08/06/25 03:37	1
Carbon disulfide	ND		1.0	0.10	ug/L			08/06/25 03:37	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			08/06/25 03:37	1
Chlorobenzene	ND		0.50	0.070	ug/L			08/06/25 03:37	1
Chloroethane	ND		0.50	0.10	ug/L			08/06/25 03:37	1
Chloroform	**0.20**	**J**	0.50	0.090	ug/L			08/06/25 03:37	1
Chloromethane	ND		0.50	0.10	ug/L			08/06/25 03:37	1
cis-1,2-Dichloroethene	**2.3**		0.50	0.080	ug/L			08/06/25 03:37	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			08/06/25 03:37	1
Dibromochloromethane	ND		0.50	0.080	ug/L			08/06/25 03:37	1
Ethylbenzene	ND		0.50	0.080	ug/L			08/06/25 03:37	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			08/06/25 03:37	1
Methylene Chloride	ND		0.50	0.20	ug/L			08/06/25 03:37	1
Styrene	ND		0.50	0.070	ug/L			08/06/25 03:37	1
Toluene	ND		0.50	0.080	ug/L			08/06/25 03:37	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			08/06/25 03:37	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			08/06/25 03:37	1
Trichloroethene	**3.2**		0.50	0.080	ug/L			08/06/25 03:37	1
Vinyl chloride	ND		0.50	0.10	ug/L			08/06/25 03:37	1
Xylenes, Total	ND		1.0	0.070	ug/L			08/06/25 03:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*08/06/25 03:37*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*08/06/25 03:37*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*08/06/25 03:37*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/06/25 03:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**130**		10	4.0	ug/L			08/06/25 03:58	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*08/06/25 03:58*	*20*

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

Lab Sample ID: 410-234794-8

Date Collected: 07/29/25 08:10

Matrix: Water

Date Received: 07/30/25 14:33

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*08/06/25 03:58*	*20*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*08/06/25 03:58*	*20*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/06/25 03:58*	*20*

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

Lab Sample ID: 410-234794-9

Date Collected: 07/29/25 08:50

Matrix: Water

Date Received: 07/30/25 14:33

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			08/05/25 23:30	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			08/05/25 23:30	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			08/05/25 23:30	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			08/05/25 23:30	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			08/05/25 23:30	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/05/25 23:30	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			08/05/25 23:30	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			08/05/25 23:30	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			08/05/25 23:30	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			08/05/25 23:30	1
2-Hexanone	ND		5.0	2.0	ug/L			08/05/25 23:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			08/05/25 23:30	1
Acetone	ND		5.0	1.5	ug/L			08/05/25 23:30	1
Benzene	ND		0.50	0.10	ug/L			08/05/25 23:30	1
Bromochloromethane	ND		0.50	0.080	ug/L			08/05/25 23:30	1
Bromodichloromethane	ND		0.50	0.080	ug/L			08/05/25 23:30	1
Bromoform	ND		1.0	0.30	ug/L			08/05/25 23:30	1
Bromomethane	ND		0.50	0.10	ug/L			08/05/25 23:30	1
Carbon disulfide	ND		1.0	0.10	ug/L			08/05/25 23:30	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			08/05/25 23:30	1
Chlorobenzene	ND		0.50	0.070	ug/L			08/05/25 23:30	1
Chloroethane	ND		0.50	0.10	ug/L			08/05/25 23:30	1
Chloroform	**0.15**	**J**	0.50	0.090	ug/L			08/05/25 23:30	1
Chloromethane	ND		0.50	0.10	ug/L			08/05/25 23:30	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			08/05/25 23:30	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			08/05/25 23:30	1
Dibromochloromethane	ND		0.50	0.080	ug/L			08/05/25 23:30	1
Ethylbenzene	ND		0.50	0.080	ug/L			08/05/25 23:30	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			08/05/25 23:30	1
Methylene Chloride	ND		0.50	0.20	ug/L			08/05/25 23:30	1
Styrene	ND		0.50	0.070	ug/L			08/05/25 23:30	1
Tetrachloroethene	ND		0.50	0.20	ug/L			08/05/25 23:30	1
Toluene	ND		0.50	0.080	ug/L			08/05/25 23:30	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			08/05/25 23:30	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			08/05/25 23:30	1
Trichloroethene	ND		0.50	0.080	ug/L			08/05/25 23:30	1
Vinyl chloride	ND		0.50	0.10	ug/L			08/05/25 23:30	1
Xylenes, Total	ND		1.0	0.070	ug/L			08/05/25 23:30	1

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

Lab Sample ID: 410-234794-9

Date Collected: 07/29/25 08:50

Matrix: Water

Date Received: 07/30/25 14:33

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*08/05/25 23:30*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*08/05/25 23:30*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*08/05/25 23:30*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/05/25 23:30*	*1*

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

Lab Sample ID: 410-234794-10

Date Collected: 07/29/25 09:20

Matrix: Water

Date Received: 07/30/25 14:33

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			08/05/25 23:50	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			08/05/25 23:50	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			08/05/25 23:50	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			08/05/25 23:50	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			08/05/25 23:50	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/05/25 23:50	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			08/05/25 23:50	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			08/05/25 23:50	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			08/05/25 23:50	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			08/05/25 23:50	1
2-Hexanone	ND		5.0	2.0	ug/L			08/05/25 23:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			08/05/25 23:50	1
Acetone	ND		5.0	1.5	ug/L			08/05/25 23:50	1
Benzene	ND		0.50	0.10	ug/L			08/05/25 23:50	1
Bromochloromethane	ND		0.50	0.080	ug/L			08/05/25 23:50	1
Bromodichloromethane	ND		0.50	0.080	ug/L			08/05/25 23:50	1
Bromoform	ND		1.0	0.30	ug/L			08/05/25 23:50	1
Bromomethane	ND		0.50	0.10	ug/L			08/05/25 23:50	1
Carbon disulfide	ND		1.0	0.10	ug/L			08/05/25 23:50	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			08/05/25 23:50	1
Chlorobenzene	ND		0.50	0.070	ug/L			08/05/25 23:50	1
Chloroethane	ND		0.50	0.10	ug/L			08/05/25 23:50	1
Chloroform	**0.12**	**J**	0.50	0.090	ug/L			08/05/25 23:50	1
Chloromethane	ND		0.50	0.10	ug/L			08/05/25 23:50	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			08/05/25 23:50	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			08/05/25 23:50	1
Dibromochloromethane	ND		0.50	0.080	ug/L			08/05/25 23:50	1
Ethylbenzene	ND		0.50	0.080	ug/L			08/05/25 23:50	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			08/05/25 23:50	1
Methylene Chloride	ND		0.50	0.20	ug/L			08/05/25 23:50	1
Styrene	ND		0.50	0.070	ug/L			08/05/25 23:50	1
Tetrachloroethene	ND		0.50	0.20	ug/L			08/05/25 23:50	1
Toluene	ND		0.50	0.080	ug/L			08/05/25 23:50	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			08/05/25 23:50	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			08/05/25 23:50	1
Trichloroethene	**0.093**	**J**	0.50	0.080	ug/L			08/05/25 23:50	1
Vinyl chloride	ND		0.50	0.10	ug/L			08/05/25 23:50	1
Xylenes, Total	ND		1.0	0.070	ug/L			08/05/25 23:50	1

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

Lab Sample ID: 410-234794-10

Date Collected: 07/29/25 09:20

Matrix: Water

Date Received: 07/30/25 14:33

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*		*08/05/25 23:50*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*08/05/25 23:50*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*08/05/25 23:50*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/05/25 23:50*	*1*

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

Lab Sample ID: 410-234794-11

Date Collected: 07/29/25 10:25

Matrix: Water

Date Received: 07/30/25 14:33

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			08/06/25 00:11	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			08/06/25 00:11	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			08/06/25 00:11	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			08/06/25 00:11	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			08/06/25 00:11	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/06/25 00:11	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			08/06/25 00:11	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			08/06/25 00:11	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			08/06/25 00:11	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			08/06/25 00:11	1
2-Hexanone	ND		5.0	2.0	ug/L			08/06/25 00:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			08/06/25 00:11	1
Acetone	ND		5.0	1.5	ug/L			08/06/25 00:11	1
Benzene	ND		0.50	0.10	ug/L			08/06/25 00:11	1
Bromochloromethane	ND		0.50	0.080	ug/L			08/06/25 00:11	1
Bromodichloromethane	ND		0.50	0.080	ug/L			08/06/25 00:11	1
Bromoform	ND		1.0	0.30	ug/L			08/06/25 00:11	1
Bromomethane	ND		0.50	0.10	ug/L			08/06/25 00:11	1
Carbon disulfide	ND		1.0	0.10	ug/L			08/06/25 00:11	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			08/06/25 00:11	1
Chlorobenzene	ND		0.50	0.070	ug/L			08/06/25 00:11	1
Chloroethane	ND		0.50	0.10	ug/L			08/06/25 00:11	1
Chloroform	**0.15**	**J**	0.50	0.090	ug/L			08/06/25 00:11	1
Chloromethane	ND		0.50	0.10	ug/L			08/06/25 00:11	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			08/06/25 00:11	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			08/06/25 00:11	1
Dibromochloromethane	ND		0.50	0.080	ug/L			08/06/25 00:11	1
Ethylbenzene	ND		0.50	0.080	ug/L			08/06/25 00:11	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			08/06/25 00:11	1
Methylene Chloride	ND		0.50	0.20	ug/L			08/06/25 00:11	1
Styrene	ND		0.50	0.070	ug/L			08/06/25 00:11	1
Tetrachloroethene	ND		0.50	0.20	ug/L			08/06/25 00:11	1
Toluene	ND		0.50	0.080	ug/L			08/06/25 00:11	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			08/06/25 00:11	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			08/06/25 00:11	1
Trichloroethene	**0.097**	**J**	0.50	0.080	ug/L			08/06/25 00:11	1
Vinyl chloride	ND		0.50	0.10	ug/L			08/06/25 00:11	1
Xylenes, Total	ND		1.0	0.070	ug/L			08/06/25 00:11	1

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

Lab Sample ID: 410-234794-11

Date Collected: 07/29/25 10:25

Matrix: Water

Date Received: 07/30/25 14:33

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*08/06/25 00:11*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*08/06/25 00:11*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*08/06/25 00:11*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/06/25 00:11*	*1*

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

Lab Sample ID: 410-234794-12

Date Collected: 07/29/25 07:00

Matrix: Water

Date Received: 07/30/25 14:33

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			08/06/25 00:31	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			08/06/25 00:31	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			08/06/25 00:31	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			08/06/25 00:31	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			08/06/25 00:31	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/06/25 00:31	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			08/06/25 00:31	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			08/06/25 00:31	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			08/06/25 00:31	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			08/06/25 00:31	1
2-Hexanone	ND		5.0	2.0	ug/L			08/06/25 00:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			08/06/25 00:31	1
Acetone	ND		5.0	1.5	ug/L			08/06/25 00:31	1
Benzene	ND		0.50	0.10	ug/L			08/06/25 00:31	1
Bromochloromethane	ND		0.50	0.080	ug/L			08/06/25 00:31	1
Bromodichloromethane	ND		0.50	0.080	ug/L			08/06/25 00:31	1
Bromoform	ND		1.0	0.30	ug/L			08/06/25 00:31	1
Bromomethane	ND		0.50	0.10	ug/L			08/06/25 00:31	1
Carbon disulfide	ND		1.0	0.10	ug/L			08/06/25 00:31	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			08/06/25 00:31	1
Chlorobenzene	ND		0.50	0.070	ug/L			08/06/25 00:31	1
Chloroethane	ND		0.50	0.10	ug/L			08/06/25 00:31	1
Chloroform	ND		0.50	0.090	ug/L			08/06/25 00:31	1
Chloromethane	ND		0.50	0.10	ug/L			08/06/25 00:31	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			08/06/25 00:31	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			08/06/25 00:31	1
Dibromochloromethane	ND		0.50	0.080	ug/L			08/06/25 00:31	1
Ethylbenzene	ND		0.50	0.080	ug/L			08/06/25 00:31	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			08/06/25 00:31	1
Methylene Chloride	ND		0.50	0.20	ug/L			08/06/25 00:31	1
Styrene	ND		0.50	0.070	ug/L			08/06/25 00:31	1
Tetrachloroethene	**0.42**	**J**	0.50	0.20	ug/L			08/06/25 00:31	1
Toluene	ND		0.50	0.080	ug/L			08/06/25 00:31	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			08/06/25 00:31	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			08/06/25 00:31	1
Trichloroethene	**0.096**	**J**	0.50	0.080	ug/L			08/06/25 00:31	1
Vinyl chloride	ND		0.50	0.10	ug/L			08/06/25 00:31	1
Xylenes, Total	ND		1.0	0.070	ug/L			08/06/25 00:31	1

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

Lab Sample ID: 410-234794-12

Date Collected: 07/29/25 07:00

Matrix: Water

Date Received: 07/30/25 14:33

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*08/06/25 00:31*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*08/06/25 00:31*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*08/06/25 00:31*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/06/25 00:31*	*1*

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

Lab Sample ID: 410-234794-13

Date Collected: 07/29/25 08:00

Matrix: Water

Date Received: 07/30/25 14:33

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			08/06/25 04:19	1
1,1,1-Trichloroethane	**9.5**		0.50	0.080	ug/L			08/06/25 04:19	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			08/06/25 04:19	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			08/06/25 04:19	1
1,1-Dichloroethane	**1.6**		0.50	0.10	ug/L			08/06/25 04:19	1
1,1-Dichloroethene	**0.71**		0.50	0.10	ug/L			08/06/25 04:19	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			08/06/25 04:19	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			08/06/25 04:19	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			08/06/25 04:19	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			08/06/25 04:19	1
2-Hexanone	ND		5.0	2.0	ug/L			08/06/25 04:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			08/06/25 04:19	1
Acetone	ND		5.0	1.5	ug/L			08/06/25 04:19	1
Benzene	ND		0.50	0.10	ug/L			08/06/25 04:19	1
Bromochloromethane	ND		0.50	0.080	ug/L			08/06/25 04:19	1
Bromodichloromethane	ND		0.50	0.080	ug/L			08/06/25 04:19	1
Bromoform	ND		1.0	0.30	ug/L			08/06/25 04:19	1
Bromomethane	ND		0.50	0.10	ug/L			08/06/25 04:19	1
Carbon disulfide	ND		1.0	0.10	ug/L			08/06/25 04:19	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			08/06/25 04:19	1
Chlorobenzene	ND		0.50	0.070	ug/L			08/06/25 04:19	1
Chloroethane	ND		0.50	0.10	ug/L			08/06/25 04:19	1
Chloroform	**0.19**	**J**	0.50	0.090	ug/L			08/06/25 04:19	1
Chloromethane	ND		0.50	0.10	ug/L			08/06/25 04:19	1
cis-1,2-Dichloroethene	**2.3**		0.50	0.080	ug/L			08/06/25 04:19	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			08/06/25 04:19	1
Dibromochloromethane	ND		0.50	0.080	ug/L			08/06/25 04:19	1
Ethylbenzene	ND		0.50	0.080	ug/L			08/06/25 04:19	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			08/06/25 04:19	1
Methylene Chloride	ND		0.50	0.20	ug/L			08/06/25 04:19	1
Styrene	ND		0.50	0.070	ug/L			08/06/25 04:19	1
Toluene	ND		0.50	0.080	ug/L			08/06/25 04:19	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			08/06/25 04:19	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			08/06/25 04:19	1
Trichloroethene	**3.2**		0.50	0.080	ug/L			08/06/25 04:19	1
Vinyl chloride	ND		0.50	0.10	ug/L			08/06/25 04:19	1
Xylenes, Total	ND		1.0	0.070	ug/L			08/06/25 04:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*08/06/25 04:19*	*1*

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

Lab Sample ID: 410-234794-13

Date Collected: 07/29/25 08:00

Matrix: Water

Date Received: 07/30/25 14:33

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*08/06/25 04:19*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*08/06/25 04:19*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*08/06/25 04:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**130**		10	4.0	ug/L			08/06/25 04:39	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*		*08/06/25 04:39*	*20*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*08/06/25 04:39*	*20*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*08/06/25 04:39*	*20*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/06/25 04:39*	*20*

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

Lab Sample ID: 410-234794-14

Date Collected: 07/29/25 00:00

Matrix: Water

Date Received: 07/30/25 14:33

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			08/04/25 21:32	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			08/04/25 21:32	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			08/04/25 21:32	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			08/04/25 21:32	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			08/04/25 21:32	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/04/25 21:32	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			08/04/25 21:32	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			08/04/25 21:32	1
1,2-Dichloropropane	ND	^c *+ cn	0.50	0.10	ug/L			08/04/25 21:32	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			08/04/25 21:32	1
2-Hexanone	ND		5.0	2.0	ug/L			08/04/25 21:32	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	5.0	1.0	ug/L			08/04/25 21:32	1
Acetone	ND		5.0	1.5	ug/L			08/04/25 21:32	1
Benzene	ND		0.50	0.10	ug/L			08/04/25 21:32	1
Bromochloromethane	ND		0.50	0.080	ug/L			08/04/25 21:32	1
Bromodichloromethane	ND		0.50	0.080	ug/L			08/04/25 21:32	1
Bromoform	ND		1.0	0.30	ug/L			08/04/25 21:32	1
Bromomethane	ND		0.50	0.10	ug/L			08/04/25 21:32	1
Carbon disulfide	ND		1.0	0.10	ug/L			08/04/25 21:32	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			08/04/25 21:32	1
Chlorobenzene	ND		0.50	0.070	ug/L			08/04/25 21:32	1
Chloroethane	ND		0.50	0.10	ug/L			08/04/25 21:32	1
Chloroform	ND		0.50	0.090	ug/L			08/04/25 21:32	1
Chloromethane	ND		0.50	0.10	ug/L			08/04/25 21:32	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			08/04/25 21:32	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			08/04/25 21:32	1
Dibromochloromethane	ND		0.50	0.080	ug/L			08/04/25 21:32	1
Ethylbenzene	ND		0.50	0.080	ug/L			08/04/25 21:32	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			08/04/25 21:32	1
Methylene Chloride	ND		0.50	0.20	ug/L			08/04/25 21:32	1

Client: Groundwater Sciences Corporation
Job ID: 410-234794-1
Project/Site: fYNOP Monthly Surface Water

Client Sample ID: HD-QC1-0/1-2
Lab Sample ID: 410-234794-14
Date Collected: 07/29/25 00:00
Matrix: Water
Date Received: 07/30/25 14:33

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			08/04/25 21:32	1
Tetrachloroethene	ND		0.50	0.20	ug/L			08/04/25 21:32	1
Toluene	ND		0.50	0.080	ug/L			08/04/25 21:32	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			08/04/25 21:32	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			08/04/25 21:32	1
Trichloroethene	ND		0.50	0.080	ug/L			08/04/25 21:32	1
Vinyl chloride	ND		0.50	0.10	ug/L			08/04/25 21:32	1
Xylenes, Total	ND		1.0	0.070	ug/L			08/04/25 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*08/04/25 21:32*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*08/04/25 21:32*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*08/04/25 21:32*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*08/04/25 21:32*	*1*

Default Detection Limits

Client: Groundwater Sciences Corporation
Job ID: 410-234794-1
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: Groundwater Sciences Corporation
Project/Site: fYNOP Monthly Surface Water

Job ID: 410-234794-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)	(80-120)
410-234794-1	HD-COD-SW-6-0/1-0	105	99	104	93
410-234794-2	HD-COD-SW-7-0/1-0	104	99	106	93
410-234794-3	HD-COD-SW-8-0/1-0	107	99	106	93
410-234794-4	HD-COD-SW-9-0/1-0	102	98	106	93
410-234794-5	HD-COD-SW-13-0/1-0	103	99	107	93
410-234794-6	HD-COD-SW-15-0/1-0	103	97	101	98
410-234794-6 MS	HD-COD-SW-15-0/1-0 MS	108	99	102	99
410-234794-6 MSD	HD-COD-SW-15-0/1-0 MSD	103	100	100	100
410-234794-7	HD-COD-SW-16-0/1-0	104	97	99	98
410-234794-8	HD-COD-SW-17-0/1-0	102	97	100	97
410-234794-8 - DL	HD-COD-SW-17-0/1-0	103	97	99	100
410-234794-9	HD-COD-SW-26-0/1-0	104	97	100	98
410-234794-10	HD-COD-SW-27-0/1-0	99	96	100	97
410-234794-11	HD-COD-SW-28-0/1-0	102	97	100	97
410-234794-12	HD-COD-SW-29-0/1-0	103	97	100	99
410-234794-13	HD-QC1-0/1-1	102	95	100	96
410-234794-13 - DL	HD-QC1-0/1-1	101	96	99	99
410-234794-14	HD-QC1-0/1-2	104	98	103	92
LCS 410-680541/4	Lab Control Sample	107	101	105	95
LCS 410-681140/4	Lab Control Sample	104	99	101	98
MB 410-680541/6	Method Blank	101	99	104	93
MB 410-681140/7	Method Blank	102	99	98	97

Surrogate Legend

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

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

Lab Sample ID: MB 410-680541/6
Matrix: Water
Analysis Batch: 680541

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			08/04/25 21:11	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			08/04/25 21:11	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			08/04/25 21:11	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			08/04/25 21:11	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			08/04/25 21:11	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/04/25 21:11	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			08/04/25 21:11	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			08/04/25 21:11	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			08/04/25 21:11	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			08/04/25 21:11	1
2-Hexanone	ND		5.0	2.0	ug/L			08/04/25 21:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			08/04/25 21:11	1
Acetone	ND		5.0	1.5	ug/L			08/04/25 21:11	1
Benzene	ND		0.50	0.10	ug/L			08/04/25 21:11	1
Bromochloromethane	ND		0.50	0.080	ug/L			08/04/25 21:11	1
Bromodichloromethane	ND		0.50	0.080	ug/L			08/04/25 21:11	1
Bromoform	ND		1.0	0.30	ug/L			08/04/25 21:11	1
Bromomethane	ND		0.50	0.10	ug/L			08/04/25 21:11	1
Carbon disulfide	ND		1.0	0.10	ug/L			08/04/25 21:11	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			08/04/25 21:11	1
Chlorobenzene	ND		0.50	0.070	ug/L			08/04/25 21:11	1
Chloroethane	ND		0.50	0.10	ug/L			08/04/25 21:11	1
Chloroform	ND		0.50	0.090	ug/L			08/04/25 21:11	1
Chloromethane	ND		0.50	0.10	ug/L			08/04/25 21:11	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			08/04/25 21:11	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			08/04/25 21:11	1
Dibromochloromethane	ND		0.50	0.080	ug/L			08/04/25 21:11	1
Ethylbenzene	ND		0.50	0.080	ug/L			08/04/25 21:11	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			08/04/25 21:11	1
Methylene Chloride	ND		0.50	0.20	ug/L			08/04/25 21:11	1
Styrene	ND		0.50	0.070	ug/L			08/04/25 21:11	1
Tetrachloroethene	ND		0.50	0.20	ug/L			08/04/25 21:11	1
Toluene	ND		0.50	0.080	ug/L			08/04/25 21:11	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			08/04/25 21:11	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			08/04/25 21:11	1
Trichloroethene	ND		0.50	0.080	ug/L			08/04/25 21:11	1
Vinyl chloride	ND		0.50	0.10	ug/L			08/04/25 21:11	1
Xylenes, Total	ND		1.0	0.070	ug/L			08/04/25 21:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*		*08/04/25 21:11*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*08/04/25 21:11*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*08/04/25 21:11*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*08/04/25 21:11*	*1*

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

Lab Sample ID: LCS 410-680541/4
Matrix: Water
Analysis Batch: 680541

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	5.14		ug/L		103	80 - 122
1,1,1-Trichloroethane	5.00	5.73		ug/L		115	78 - 126
1,1,2,2-Tetrachloroethane	5.00	5.18		ug/L		104	75 - 123
1,1,2-Trichloroethane	5.00	5.21		ug/L		104	80 - 120
1,1-Dichloroethane	5.00	5.88		ug/L		118	74 - 120
1,1-Dichloroethene	5.00	6.10		ug/L		122	80 - 131
1,2-Dibromoethane (EDB)	5.00	5.45		ug/L		109	80 - 120
1,2-Dichloroethane	5.00	5.75		ug/L		115	69 - 122
1,2-Dichloropropane	5.00	6.13	*+	ug/L		123	80 - 120
2-Butanone (MEK)	62.5	57.7		ug/L		92	59 - 141
2-Hexanone	62.5	59.5		ug/L		95	52 - 140
4-Methyl-2-pentanone (MIBK)	62.5	56.4		ug/L		90	55 - 140
Acetone	62.5	53.4		ug/L		85	60 - 146
Benzene	5.00	5.73		ug/L		115	80 - 120
Bromochloromethane	5.00	5.99		ug/L		120	80 - 133
Bromodichloromethane	5.00	5.75		ug/L		115	80 - 123
Bromoform	5.00	5.32		ug/L		106	75 - 126
Bromomethane	5.00	5.43		ug/L		109	63 - 120
Carbon disulfide	5.00	5.46		ug/L		109	67 - 130
Carbon tetrachloride	5.00	5.84		ug/L		117	64 - 141
Chlorobenzene	5.00	5.10		ug/L		102	80 - 120
Chloroethane	5.00	5.64		ug/L		113	63 - 120
Chloroform	5.00	5.83		ug/L		117	80 - 120
Chloromethane	5.00	5.19		ug/L		104	56 - 124
cis-1,2-Dichloroethene	5.00	5.97		ug/L		119	80 - 122
cis-1,3-Dichloropropene	5.00	5.64		ug/L		113	67 - 121
Dibromochloromethane	5.00	5.04		ug/L		101	80 - 123
Ethylbenzene	5.00	5.05		ug/L		101	80 - 120
Methyl tert-butyl ether	5.00	5.57		ug/L		111	69 - 120
Methylene Chloride	5.00	5.91		ug/L		118	80 - 120
Styrene	5.00	5.07		ug/L		101	80 - 120
Tetrachloroethene	5.00	4.90		ug/L		98	80 - 120
Toluene	5.00	5.11		ug/L		102	80 - 120
trans-1,2-Dichloroethene	5.00	5.98		ug/L		120	80 - 122
trans-1,3-Dichloropropene	5.00	5.21		ug/L		104	61 - 129
Trichloroethene	5.00	5.67		ug/L		113	80 - 120
Vinyl chloride	5.00	5.36		ug/L		107	60 - 125
Xylenes, Total	15.0	15.2		ug/L		101	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*105*		*80 - 120*
Toluene-d8 (Surr)	*95*		*80 - 120*

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

Lab Sample ID: MB 410-681140/7
Matrix: Water
Analysis Batch: 681140

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			08/05/25 20:24	1
1,1,1-Trichloroethane	ND		0.50	0.080	ug/L			08/05/25 20:24	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/L			08/05/25 20:24	1
1,1,2-Trichloroethane	ND		0.50	0.080	ug/L			08/05/25 20:24	1
1,1-Dichloroethane	ND		0.50	0.10	ug/L			08/05/25 20:24	1
1,1-Dichloroethene	ND		0.50	0.10	ug/L			08/05/25 20:24	1
1,2-Dibromoethane (EDB)	ND		0.50	0.080	ug/L			08/05/25 20:24	1
1,2-Dichloroethane	ND		0.50	0.070	ug/L			08/05/25 20:24	1
1,2-Dichloropropane	ND		0.50	0.10	ug/L			08/05/25 20:24	1
2-Butanone (MEK)	ND		5.0	1.0	ug/L			08/05/25 20:24	1
2-Hexanone	ND		5.0	2.0	ug/L			08/05/25 20:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0	ug/L			08/05/25 20:24	1
Acetone	ND		5.0	1.5	ug/L			08/05/25 20:24	1
Benzene	ND		0.50	0.10	ug/L			08/05/25 20:24	1
Bromochloromethane	ND		0.50	0.080	ug/L			08/05/25 20:24	1
Bromodichloromethane	ND		0.50	0.080	ug/L			08/05/25 20:24	1
Bromoform	ND		1.0	0.30	ug/L			08/05/25 20:24	1
Bromomethane	ND		0.50	0.10	ug/L			08/05/25 20:24	1
Carbon disulfide	ND		1.0	0.10	ug/L			08/05/25 20:24	1
Carbon tetrachloride	ND		0.50	0.10	ug/L			08/05/25 20:24	1
Chlorobenzene	ND		0.50	0.070	ug/L			08/05/25 20:24	1
Chloroethane	ND		0.50	0.10	ug/L			08/05/25 20:24	1
Chloroform	ND		0.50	0.090	ug/L			08/05/25 20:24	1
Chloromethane	ND		0.50	0.10	ug/L			08/05/25 20:24	1
cis-1,2-Dichloroethene	ND		0.50	0.080	ug/L			08/05/25 20:24	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			08/05/25 20:24	1
Dibromochloromethane	ND		0.50	0.080	ug/L			08/05/25 20:24	1
Ethylbenzene	ND		0.50	0.080	ug/L			08/05/25 20:24	1
Methyl tert-butyl ether	ND		0.50	0.080	ug/L			08/05/25 20:24	1
Methylene Chloride	ND		0.50	0.20	ug/L			08/05/25 20:24	1
Styrene	ND		0.50	0.070	ug/L			08/05/25 20:24	1
Tetrachloroethene	ND		0.50	0.20	ug/L			08/05/25 20:24	1
Toluene	ND		0.50	0.080	ug/L			08/05/25 20:24	1
trans-1,2-Dichloroethene	ND		0.50	0.10	ug/L			08/05/25 20:24	1
trans-1,3-Dichloropropene	ND		0.50	0.080	ug/L			08/05/25 20:24	1
Trichloroethene	ND		0.50	0.080	ug/L			08/05/25 20:24	1
Vinyl chloride	ND		0.50	0.10	ug/L			08/05/25 20:24	1
Xylenes, Total	ND		1.0	0.070	ug/L			08/05/25 20:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*08/05/25 20:24*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*08/05/25 20:24*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*08/05/25 20:24*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/05/25 20:24*	*1*

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

Lab Sample ID: LCS 410-681140/4
Matrix: Water
Analysis Batch: 681140

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	5.06		ug/L		101	80 - 122
1,1,1-Trichloroethane	5.00	5.13		ug/L		103	78 - 126
1,1,2,2-Tetrachloroethane	5.00	5.14		ug/L		103	75 - 123
1,1,2-Trichloroethane	5.00	5.16		ug/L		103	80 - 120
1,1-Dichloroethane	5.00	5.48		ug/L		110	74 - 120
1,1-Dichloroethene	5.00	5.56		ug/L		111	80 - 131
1,2-Dibromoethane (EDB)	5.00	5.51		ug/L		110	80 - 120
1,2-Dichloroethane	5.00	5.19		ug/L		104	69 - 122
1,2-Dichloropropane	5.00	5.55		ug/L		111	80 - 120
2-Butanone (MEK)	62.5	58.0		ug/L		93	59 - 141
2-Hexanone	62.5	60.3		ug/L		96	52 - 140
4-Methyl-2-pentanone (MIBK)	62.5	56.6		ug/L		91	55 - 140
Acetone	62.5	53.3		ug/L		85	60 - 146
Benzene	5.00	5.28		ug/L		106	80 - 120
Bromochloromethane	5.00	5.43		ug/L		109	80 - 133
Bromodichloromethane	5.00	5.35		ug/L		107	80 - 123
Bromoform	5.00	5.29		ug/L		106	75 - 126
Bromomethane	5.00	4.94		ug/L		99	63 - 120
Carbon disulfide	5.00	4.95		ug/L		99	67 - 130
Carbon tetrachloride	5.00	5.26		ug/L		105	64 - 141
Chlorobenzene	5.00	5.06		ug/L		101	80 - 120
Chloroethane	5.00	5.10		ug/L		102	63 - 120
Chloroform	5.00	5.32		ug/L		106	80 - 120
Chloromethane	5.00	4.51		ug/L		90	56 - 124
cis-1,2-Dichloroethene	5.00	5.39		ug/L		108	80 - 122
cis-1,3-Dichloropropene	5.00	5.12		ug/L		102	67 - 121
Dibromochloromethane	5.00	5.01		ug/L		100	80 - 123
Ethylbenzene	5.00	4.99		ug/L		100	80 - 120
Methyl tert-butyl ether	5.00	5.07		ug/L		101	69 - 120
Methylene Chloride	5.00	5.36		ug/L		107	80 - 120
Styrene	5.00	5.02		ug/L		100	80 - 120
Tetrachloroethene	5.00	4.84		ug/L		97	80 - 120
Toluene	5.00	5.10		ug/L		102	80 - 120
trans-1,2-Dichloroethene	5.00	5.35		ug/L		107	80 - 122
trans-1,3-Dichloropropene	5.00	5.14		ug/L		103	61 - 129
Trichloroethene	5.00	5.20		ug/L		104	80 - 120
Vinyl chloride	5.00	4.76		ug/L		95	60 - 125
Xylenes, Total	15.0	15.0		ug/L		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*

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

Lab Sample ID: 410-234794-6 MS
Matrix: Water
Analysis Batch: 681140

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	5.32		ug/L		106	80 - 122
1,1,1-Trichloroethane	0.28	J	5.00	5.96		ug/L		114	78 - 126
1,1,2,2-Tetrachloroethane	ND		5.00	5.52		ug/L		110	75 - 123
1,1,2-Trichloroethane	ND		5.00	5.29		ug/L		106	80 - 120
1,1-Dichloroethane	ND	FH	5.00	6.09	FH	ug/L		122	74 - 120
1,1-Dichloroethene	0.17	J	5.00	6.44		ug/L		125	80 - 131
1,2-Dibromoethane (EDB)	ND		5.00	5.52		ug/L		110	80 - 120
1,2-Dichloroethane	ND		5.00	5.16		ug/L		103	69 - 122
1,2-Dichloropropane	ND		5.00	5.83		ug/L		116	80 - 120
2-Butanone (MEK)	ND		62.6	57.8		ug/L		92	59 - 141
2-Hexanone	ND		62.6	58.9		ug/L		94	52 - 140
4-Methyl-2-pentanone (MIBK)	ND		62.6	55.1		ug/L		88	55 - 140
Acetone	ND		62.6	53.0		ug/L		85	60 - 146
Benzene	ND		5.00	5.61		ug/L		112	80 - 120
Bromochloromethane	ND		5.00	5.67		ug/L		113	80 - 133
Bromodichloromethane	ND		5.00	5.51		ug/L		110	80 - 123
Bromoform	ND		5.00	5.13		ug/L		103	75 - 126
Bromomethane	ND		5.00	5.50		ug/L		110	63 - 120
Carbon disulfide	ND		5.00	5.64		ug/L		113	67 - 130
Carbon tetrachloride	ND		5.00	5.86		ug/L		117	64 - 141
Chlorobenzene	ND		5.00	5.41		ug/L		108	80 - 120
Chloroethane	ND		5.00	5.83		ug/L		117	63 - 120
Chloroform	0.20	J	5.00	5.88		ug/L		113	80 - 120
Chloromethane	ND		5.00	5.15		ug/L		103	80 - 120
cis-1,2-Dichloroethene	1.2		5.00	7.17		ug/L		120	80 - 122
cis-1,3-Dichloropropene	ND		5.00	5.24		ug/L		105	67 - 121
Dibromochloromethane	ND		5.00	5.18		ug/L		104	80 - 123
Ethylbenzene	ND		5.00	5.39		ug/L		108	80 - 120
Methyl tert-butyl ether	ND		5.00	5.27		ug/L		105	69 - 120
Methylene Chloride	ND		5.00	5.80		ug/L		116	80 - 120
Styrene	ND		5.00	5.31		ug/L		106	80 - 120
Tetrachloroethene	4.1		5.00	9.73		ug/L		112	80 - 120
Toluene	ND		5.00	5.47		ug/L		109	80 - 120
trans-1,2-Dichloroethene	ND		5.00	5.99		ug/L		120	80 - 122
trans-1,3-Dichloropropene	ND		5.00	5.24		ug/L		105	61 - 129
Trichloroethene	1.3		5.00	6.88		ug/L		112	80 - 120
Vinyl chloride	ND		5.00	5.81		ug/L		116	60 - 125
Xylenes, Total	ND		15.0	16.2		ug/L		108	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

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

Lab Sample ID: 410-234794-6 MSD
Matrix: Water
Analysis Batch: 681140

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	5.38		ug/L		107	80 - 122	1	30
1,1,1-Trichloroethane	0.28	J	5.00	5.82		ug/L		111	78 - 126	2	30
1,1,2,2-Tetrachloroethane	ND		5.00	5.31		ug/L		106	75 - 123	4	30
1,1,2-Trichloroethane	ND		5.00	5.31		ug/L		106	80 - 120	0	30
1,1-Dichloroethane	ND	FH	5.00	5.78		ug/L		115	74 - 120	5	30
1,1-Dichloroethene	0.17	J	5.00	6.39		ug/L		124	80 - 131	1	30
1,2-Dibromoethane (EDB)	ND		5.00	5.51		ug/L		110	80 - 120	0	30
1,2-Dichloroethane	ND		5.00	5.32		ug/L		106	69 - 122	3	30
1,2-Dichloropropane	ND		5.00	5.72		ug/L		114	80 - 120	2	30
2-Butanone (MEK)	ND		62.6	62.5		ug/L		100	59 - 141	8	30
2-Hexanone	ND		62.6	64.7		ug/L		103	52 - 140	9	30
4-Methyl-2-pentanone (MIBK)	ND		62.6	60.1		ug/L		96	55 - 140	9	30
Acetone	ND		62.6	55.6		ug/L		89	60 - 146	5	30
Benzene	ND		5.00	5.53		ug/L		111	80 - 120	1	30
Bromochloromethane	ND		5.00	5.67		ug/L		113	80 - 133	0	30
Bromodichloromethane	ND		5.00	5.39		ug/L		108	80 - 123	2	30
Bromoform	ND		5.00	5.24		ug/L		105	75 - 126	2	30
Bromomethane	ND		5.00	5.43		ug/L		108	63 - 120	1	30
Carbon disulfide	ND		5.00	5.53		ug/L		111	67 - 130	2	30
Carbon tetrachloride	ND		5.00	5.79		ug/L		116	64 - 141	1	30
Chlorobenzene	ND		5.00	5.42		ug/L		108	80 - 120	0	30
Chloroethane	ND		5.00	5.82		ug/L		116	63 - 120	0	30
Chloroform	0.20	J	5.00	5.77		ug/L		111	80 - 120	2	30
Chloromethane	ND		5.00	4.96		ug/L		99	80 - 120	4	30
cis-1,2-Dichloroethene	1.2		5.00	6.99		ug/L		116	80 - 122	2	30
cis-1,3-Dichloropropene	ND		5.00	5.20		ug/L		104	67 - 121	1	30
Dibromochloromethane	ND		5.00	5.18		ug/L		104	80 - 123	0	30
Ethylbenzene	ND		5.00	5.42		ug/L		108	80 - 120	1	30
Methyl tert-butyl ether	ND		5.00	5.14		ug/L		103	69 - 120	3	30
Methylene Chloride	ND		5.00	5.65		ug/L		113	80 - 120	3	30
Styrene	ND		5.00	5.29		ug/L		106	80 - 120	0	30
Tetrachloroethene	4.1		5.00	9.73		ug/L		111	80 - 120	0	30
Toluene	ND		5.00	5.42		ug/L		108	80 - 120	1	30
trans-1,2-Dichloroethene	ND		5.00	5.76		ug/L		115	80 - 122	4	30
trans-1,3-Dichloropropene	ND		5.00	5.27		ug/L		105	61 - 129	1	30
Trichloroethene	1.3		5.00	6.77		ug/L		110	80 - 120	2	30
Vinyl chloride	ND		5.00	5.62		ug/L		112	60 - 125	3	30
Xylenes, Total	ND		15.0	16.2		ug/L		108	80 - 120	0	30

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

GC/MS VOA

Analysis Batch: 680541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-234794-1	HD-COD-SW-6-0/1-0	Total/NA	Water	8260D	
410-234794-2	HD-COD-SW-7-0/1-0	Total/NA	Water	8260D	
410-234794-3	HD-COD-SW-8-0/1-0	Total/NA	Water	8260D	
410-234794-4	HD-COD-SW-9-0/1-0	Total/NA	Water	8260D	
410-234794-5	HD-COD-SW-13-0/1-0	Total/NA	Water	8260D	
410-234794-14	HD-QC1-0/1-2	Total/NA	Water	8260D	
MB 410-680541/6	Method Blank	Total/NA	Water	8260D	
LCS 410-680541/4	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 681140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-234794-6	HD-COD-SW-15-0/1-0	Total/NA	Water	8260D	
410-234794-7	HD-COD-SW-16-0/1-0	Total/NA	Water	8260D	
410-234794-8	HD-COD-SW-17-0/1-0	Total/NA	Water	8260D	
410-234794-8 - DL	HD-COD-SW-17-0/1-0	Total/NA	Water	8260D	
410-234794-9	HD-COD-SW-26-0/1-0	Total/NA	Water	8260D	
410-234794-10	HD-COD-SW-27-0/1-0	Total/NA	Water	8260D	
410-234794-11	HD-COD-SW-28-0/1-0	Total/NA	Water	8260D	
410-234794-12	HD-COD-SW-29-0/1-0	Total/NA	Water	8260D	
410-234794-13	HD-QC1-0/1-1	Total/NA	Water	8260D	
410-234794-13 - DL	HD-QC1-0/1-1	Total/NA	Water	8260D	
MB 410-681140/7	Method Blank	Total/NA	Water	8260D	
LCS 410-681140/4	Lab Control Sample	Total/NA	Water	8260D	
410-234794-6 MS	HD-COD-SW-15-0/1-0 MS	Total/NA	Water	8260D	
410-234794-6 MSD	HD-COD-SW-15-0/1-0 MSD	Total/NA	Water	8260D	

Client Sample ID: HD-COD-SW-6-0/1-0
Lab Sample ID: 410-234794-1

Date Collected: 07/29/25 08:20
Matrix: Water
Date Received: 07/30/25 14:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	680541	JS6E	ELLE	08/04/25 21:53

Client Sample ID: HD-COD-SW-7-0/1-0
Lab Sample ID: 410-234794-2

Date Collected: 07/29/25 09:05
Matrix: Water
Date Received: 07/30/25 14:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	680541	JS6E	ELLE	08/04/25 22:13

Client Sample ID: HD-COD-SW-8-0/1-0
Lab Sample ID: 410-234794-3

Date Collected: 07/29/25 07:12
Matrix: Water
Date Received: 07/30/25 14:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	680541	JS6E	ELLE	08/04/25 22:34

Client Sample ID: HD-COD-SW-9-0/1-0
Lab Sample ID: 410-234794-4

Date Collected: 07/29/25 10:12
Matrix: Water
Date Received: 07/30/25 14:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	680541	JS6E	ELLE	08/04/25 22:55

Client Sample ID: HD-COD-SW-13-0/1-0
Lab Sample ID: 410-234794-5

Date Collected: 07/29/25 07:25
Matrix: Water
Date Received: 07/30/25 14:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	680541	JS6E	ELLE	08/04/25 23:16

Client Sample ID: HD-COD-SW-15-0/1-0
Lab Sample ID: 410-234794-6

Date Collected: 07/29/25 09:30
Matrix: Water
Date Received: 07/30/25 14:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	681140	JS6E	ELLE	08/05/25 22:07

Client Sample ID: HD-COD-SW-16-0/1-0
Lab Sample ID: 410-234794-7

Date Collected: 07/29/25 07:48
Matrix: Water
Date Received: 07/30/25 14:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	681140	JS6E	ELLE	08/05/25 23:09

Client Sample ID: HD-COD-SW-17-0/1-0
Lab Sample ID: 410-234794-8

Date Collected: 07/29/25 08:10
Matrix: Water
Date Received: 07/30/25 14:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	681140	JS6E	ELLE	08/06/25 03:37
Total/NA	Analysis	8260D	DL	20	681140	JS6E	ELLE	08/06/25 03:58

Client Sample ID: HD-COD-SW-26-0/1-0
Lab Sample ID: 410-234794-9

Date Collected: 07/29/25 08:50
Matrix: Water
Date Received: 07/30/25 14:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	681140	JS6E	ELLE	08/05/25 23:30

Client Sample ID: HD-COD-SW-27-0/1-0
Lab Sample ID: 410-234794-10

Date Collected: 07/29/25 09:20
Matrix: Water
Date Received: 07/30/25 14:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	681140	JS6E	ELLE	08/05/25 23:50

Client Sample ID: HD-COD-SW-28-0/1-0
Lab Sample ID: 410-234794-11

Date Collected: 07/29/25 10:25
Matrix: Water
Date Received: 07/30/25 14:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	681140	JS6E	ELLE	08/06/25 00:11

Client Sample ID: HD-COD-SW-29-0/1-0
Lab Sample ID: 410-234794-12

Date Collected: 07/29/25 07:00
Matrix: Water
Date Received: 07/30/25 14:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	681140	JS6E	ELLE	08/06/25 00:31

Client Sample ID: HD-QC1-0/1-1
Lab Sample ID: 410-234794-13

Date Collected: 07/29/25 08:00
Matrix: Water
Date Received: 07/30/25 14:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	681140	JS6E	ELLE	08/06/25 04:19
Total/NA	Analysis	8260D	DL	20	681140	JS6E	ELLE	08/06/25 04:39

Client Sample ID: HD-QC1-0/1-2
Lab Sample ID: 410-234794-14

Date Collected: 07/29/25 00:00
Matrix: Water
Date Received: 07/30/25 14:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	680541	JS6E	ELLE	08/04/25 21:32

Laboratory References:

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

Accreditation/Certification Summary

Client: Groundwater Sciences Corporation
Job ID: 410-234794-1
Project/Site: fYNOP Monthly Surface Water

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: Groundwater Sciences Corporation
Job ID: 410-234794-1
Project/Site: fYNOP Monthly Surface Water

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: Groundwater Sciences Corporation
Job ID: 410-234794-1
Project/Site: fYNOP Monthly Surface Water

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-234794-1	HD-COD-SW-6-0/1-0	Water	07/29/25 08:20	07/30/25 14:33
410-234794-2	HD-COD-SW-7-0/1-0	Water	07/29/25 09:05	07/30/25 14:33
410-234794-3	HD-COD-SW-8-0/1-0	Water	07/29/25 07:12	07/30/25 14:33
410-234794-4	HD-COD-SW-9-0/1-0	Water	07/29/25 10:12	07/30/25 14:33
410-234794-5	HD-COD-SW-13-0/1-0	Water	07/29/25 07:25	07/30/25 14:33
410-234794-6	HD-COD-SW-15-0/1-0	Water	07/29/25 09:30	07/30/25 14:33
410-234794-7	HD-COD-SW-16-0/1-0	Water	07/29/25 07:48	07/30/25 14:33
410-234794-8	HD-COD-SW-17-0/1-0	Water	07/29/25 08:10	07/30/25 14:33
410-234794-9	HD-COD-SW-26-0/1-0	Water	07/29/25 08:50	07/30/25 14:33
410-234794-10	HD-COD-SW-27-0/1-0	Water	07/29/25 09:20	07/30/25 14:33
410-234794-11	HD-COD-SW-28-0/1-0	Water	07/29/25 10:25	07/30/25 14:33
410-234794-12	HD-COD-SW-29-0/1-0	Water	07/29/25 07:00	07/30/25 14:33
410-234794-13	HD-QC1-0/1-1	Water	07/29/25 08:00	07/30/25 14:33
410-234794-14	HD-QC1-0/1-2	Water	07/29/25 00:00	07/30/25 14:33

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Instrument ID: 19094 Analysis Batch Number: 668589

Lab Sample ID: IC 410-668589/13 Client Sample ID:

Date Analyzed: 07/09/25 04:17 Lab File ID: HL08X12.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	07/11/25 01:09
Trichlorofluoromethane	2.68	Incomplete Integration	JS6E	07/11/25 01:09
Acrolein	3.22	Incomplete Integration	JS6E	07/11/25 01:10
Freon 113	3.28	Incomplete Integration	JS6E	07/11/25 01:10
Ethyl bromide	3.45	Incomplete Integration	JS6E	07/11/25 01:10
Carbon disulfide	3.54	Incomplete Integration	JS6E	07/11/25 01:10
Bromodichloromethane	8.54	Incomplete Integration	JS6E	07/11/25 01:11
2-Nitropropane	8.81	Incomplete Integration	JS6E	07/11/25 01:12
cis-1,3-Dichloropropene	9.12	Incomplete Integration	JS6E	07/11/25 01:12
4-Methyl-2-pentanone (MIBK)	9.31	Incomplete Integration	JS6E	07/11/25 01:12
2-Butanone (MEK)		Invalid Compound ID	JS6E	07/11/25 01:10
Ethyl methacrylate		Invalid Compound ID	JS6E	07/11/25 01:12
Methyl acetate		Invalid Compound ID	JS6E	07/11/25 01:11
trans-1,3-Dichloropropene		Invalid Compound ID	JS6E	07/11/25 01:12
2-Hexanone	10.27	Incomplete Integration	JS6E	07/11/25 01:13
1-Chlorohexane	10.96	Incomplete Integration	JS6E	07/11/25 01:13
Styrene	11.56	Incomplete Integration	JS6E	07/11/25 01:13

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Instrument ID: 19094 Analysis Batch Number: 668589

Lab Sample ID: IC 410-668589/14 Client Sample ID:

Date Analyzed: 07/09/25 04:37 Lab File ID: HL08X13.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	07/11/25 01:14
Acrolein	3.18	Incomplete Integration	JS6E	07/11/25 01:14
Acetone	3.38	Incomplete Integration	JS6E	07/11/25 01:14
Carbon disulfide	3.53	Incomplete Integration	JS6E	07/11/25 01:14
Methyl acetate	3.76	Incomplete Integration	JS6E	07/11/25 01:15
Methacrylonitrile	6.09	Incomplete Integration	JS6E	07/11/25 01:15
Isobutyl alcohol	6.90	Incomplete Integration	JS6E	07/11/25 01:15
Trichloroethene	7.85	Incomplete Integration	JS6E	07/11/25 01:15
Dibromomethane	8.31	Incomplete Integration	JS6E	07/11/25 01:15
2-Nitropropane	8.81	Incomplete Integration	JS6E	07/11/25 01:15
1-Bromo-2-chloroethane	8.95	Incomplete Integration	JS6E	07/11/25 01:16
cis-1,3-Dichloropropene	9.12	Incomplete Integration	JS6E	07/11/25 01:16
4-Methyl-2-pentanone (MIBK)	9.30	Incomplete Integration	JS6E	07/11/25 01:16
trans-1,3-Dichloropropene	9.82	Incomplete Integration	JS6E	07/11/25 01:16
Ethyl methacrylate	9.90	Incomplete Integration	JS6E	07/11/25 01:16
2-Hexanone	10.26	Incomplete Integration	JS6E	07/11/25 01:16
Styrene	11.55	Incomplete Integration	JS6E	07/11/25 01:16
1,1,2,2-Tetrachloroethane	12.08	Incomplete Integration	JS6E	07/11/25 01:16
1,3,5-Trimethylbenzene	12.30	Incomplete Integration	JS6E	07/11/25 01:17
Benzyl chloride	12.96	Incomplete Integration	JS6E	07/11/25 01:17

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Instrument ID: 19094 Analysis Batch Number: 668589

Lab Sample ID: IC 410-668589/15 Client Sample ID:

Date Analyzed: 07/09/25 04:58 Lab File ID: HL08X14.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrolein	3.15	Incomplete Integration	JS6E	07/11/25 01:17
Methyl acetate	3.73	Incomplete Integration	JS6E	07/11/25 01:18
t-Butyl alcohol	3.97	Incomplete Integration	JS6E	07/11/25 01:18
2-Chloro-1,3-butadiene	5.01	Incomplete Integration	JS6E	07/11/25 01:18
2-Butanone (MEK)	5.78	Incomplete Integration	JS6E	07/11/25 01:19
Propionitrile	6.01	Incomplete Integration	JS6E	07/11/25 01:19
Methacrylonitrile	6.03	Incomplete Integration	JS6E	07/11/25 01:19
Isobutyl alcohol	6.88	Incomplete Integration	JS6E	07/11/25 01:20
Trichloroethene	7.84	Incomplete Integration	JS6E	07/11/25 01:20
n-Butanol	7.95	Incomplete Integration	JS6E	07/11/25 01:20
Dibromomethane	8.29	Incomplete Integration	JS6E	07/11/25 01:20
Methyl methacrylate	8.30	Incomplete Integration	JS6E	07/11/25 01:20
2-Nitropropane	8.79	Incomplete Integration	JS6E	07/11/25 01:20
cis-1,3-Dichloropropene	9.11	Incomplete Integration	JS6E	07/11/25 01:21
trans-1,3-Dichloropropene	9.81	Incomplete Integration	JS6E	07/11/25 01:21
Ethyl methacrylate	9.88	Incomplete Integration	JS6E	07/11/25 01:21
1,1,2,2-Tetrachloroethane	12.08	Incomplete Integration	JS6E	07/11/25 01:21

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Instrument ID: 19094 Analysis Batch Number: 668589

Lab Sample ID: IC 410-668589/16 Client Sample ID:

Date Analyzed: 07/09/25 05:18 Lab File ID: HL08X15.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	07/11/25 01:22
Methyl acetate	3.70	Incomplete Integration	JS6E	07/11/25 01:22
t-Butyl alcohol	3.98	Incomplete Integration	JS6E	07/11/25 01:23
Acrylonitrile	4.34	Incomplete Integration	JS6E	07/11/25 01:23
2-Butanone (MEK)	5.76	Incomplete Integration	JS6E	07/11/25 01:24
Propionitrile	6.01	Incomplete Integration	JS6E	07/11/25 01:24
Isobutyl alcohol	6.86	Incomplete Integration	JS6E	07/11/25 01:25
n-Butanol	7.84	Incomplete Integration	JS6E	07/11/25 01:25
Dibromomethane	8.29	Incomplete Integration	JS6E	07/11/25 01:25
Methyl methacrylate	8.30	Incomplete Integration	JS6E	07/11/25 01:25
1-Bromo-2-chloroethane	8.94	Incomplete Integration	JS6E	07/11/25 01:25
1,1,2-Trichloroethane	10.00	Incomplete Integration	JS6E	07/11/25 01:26
1,2-Dibromoethane (EDB)	10.51	Incomplete Integration	JS6E	07/11/25 01:26

Lab Sample ID: IC 410-668589/17 Client Sample ID:

Date Analyzed: 07/09/25 05:39 Lab File ID: HL08X16.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	07/11/25 01:27
Methyl acetate	3.70	Incomplete Integration	JS6E	07/11/25 01:27
Acrylonitrile	4.27	Incomplete Integration	JS6E	07/11/25 01:27
2-Butanone (MEK)	5.73	Incomplete Integration	JS6E	07/11/25 01:28
Propionitrile	5.86	Incomplete Integration	JS6E	07/11/25 01:30
Isobutyl alcohol	6.85	Incomplete Integration	JS6E	07/11/25 01:29
n-Butanol	7.84	Incomplete Integration	JS6E	07/11/25 01:30
1,4-Dioxane	8.31	Incomplete Integration	JS6E	07/11/25 01:31
1-Bromo-2-chloroethane	8.94	Incomplete Integration	JS6E	07/11/25 01:31

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Instrument ID: 19094 Analysis Batch Number: 668589

Lab Sample ID: IC 410-668589/18 Client Sample ID:

Date Analyzed: 07/09/25 06:00 Lab File ID: HL08X17.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	07/11/25 01:32
Methyl acetate	3.69	Incomplete Integration	JS6E	07/11/25 01:46
Acrylonitrile	4.24	Incomplete Integration	JS6E	07/11/25 01:32

Lab Sample ID: IC 410-668589/19 Client Sample ID:

Date Analyzed: 07/09/25 06:21 Lab File ID: HL08X18.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone	3.28	Incomplete Integration	JS6E	07/11/25 01:34
Methyl acetate	3.66	Incomplete Integration	JS6E	07/11/25 01:34

Lab Sample ID: ICIS 410-668589/20 Client Sample ID:

Date Analyzed: 07/09/25 06:41 Lab File ID: HL08X19.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	07/11/25 01:03
Methyl acetate	3.66	Incomplete Integration	JS6E	07/11/25 01:04

Lab Sample ID: IC 410-668589/21 Client Sample ID:

Date Analyzed: 07/09/25 07:02 Lab File ID: HL08X20.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	07/11/25 01:35
Methyl acetate	3.65	Incomplete Integration	JS6E	07/11/25 01:36

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Instrument ID: 19094 Analysis Batch Number: 668589

Lab Sample ID: ICV 410-668589/23 Client Sample ID:

Date Analyzed: 07/09/25 07:43 Lab File ID: HL08X22.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	07/11/25 02:10
Methyl acetate	3.67	Incomplete Integration	JS6E	07/11/25 02:10
Acrylonitrile	4.20	Incomplete Integration	JS6E	07/11/25 02:10
Propionitrile	5.80	Incomplete Integration	JS6E	07/11/25 02:11
2-Nitropropane	8.81	Incomplete Integration	JS6E	07/11/25 02:11

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Instrument ID: 19094 Analysis Batch Number: 680541

Lab Sample ID: CCVIS 410-680541/3 Client Sample ID:

Date Analyzed: 08/04/25 20:10 Lab File ID: HG04X32.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	3.97	Incomplete Integration	JS6E	08/04/25 20:42

Lab Sample ID: 410-234794-1 Client Sample ID: HD-COD-SW-6-0/1-0

Date Analyzed: 08/04/25 21:53 Lab File ID: HG04X37.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone		Invalid Compound ID	N9NA	08/05/25 11:32

Lab Sample ID: 410-234794-3 Client Sample ID: HD-COD-SW-8-0/1-0

Date Analyzed: 08/04/25 22:34 Lab File ID: HG04X39.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,1-Trichloroethane		Invalid Compound ID	N9NA	08/05/25 11:37

Lab Sample ID: 410-234794-4 Client Sample ID: HD-COD-SW-9-0/1-0

Date Analyzed: 08/04/25 22:55 Lab File ID: HG04X40.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone		Invalid Compound ID	N9NA	08/05/25 11:40
Chloromethane		Invalid Compound ID	N9NA	08/05/25 11:39

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Instrument ID: 19094 Analysis Batch Number: 680541

Lab Sample ID: 410-234794-5 Client Sample ID: HD-COD-SW-13-0/1-0

Date Analyzed: 08/04/25 23:16 Lab File ID: HG04X41.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
cis-1,2-Dichloroethene	5.76	Incomplete Integration	N9NA	08/05/25 11:42
Trichloroethene	7.87	Incomplete Integration	N9NA	08/05/25 11:43

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Instrument ID: 19094 Analysis Batch Number: 681140

Lab Sample ID: CCVIS 410-681140/3 Client Sample ID:

Date Analyzed: 08/05/25 19:22 Lab File ID: HG05X32.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl acetate	3.66	Incomplete Integration	JS6E	08/05/25 19:54

Lab Sample ID: 410-234794-7 Client Sample ID: HD-COD-SW-16-0/1-0

Date Analyzed: 08/05/25 23:09 Lab File ID: HG05X43.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	08/06/25 11:24

Lab Sample ID: 410-234794-10 Client Sample ID: HD-COD-SW-27-0/1-0

Date Analyzed: 08/05/25 23:50 Lab File ID: HG05X45.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
cis-1,2-Dichloroethene	5.77	Incomplete Integration	N9NA	08/06/25 11:26
Trichloroethene	7.86	Incomplete Integration	N9NA	08/06/25 11:26
Acetone		Invalid Compound ID	N9NA	08/06/25 11:26

Lab Sample ID: 410-234794-8 Client Sample ID: HD-COD-SW-17-0/1-0

Date Analyzed: 08/06/25 03:37 Lab File ID: HG05X56.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
trans-1,2-Dichloroethene	4.26	Incomplete Integration	N9NA	08/06/25 15:04

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_LCS_VOC#1_00227	08/06/25	07/07/25	Methanol, Lot EH471	25 mL	MSV_M_MIX1SEC_00273	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_00280	1 mL	Carbon disulfide	40 ug/mL
							Methyl tert-butyl ether	40 ug/mL
					MSV_Q_Ketones_00285	1 mL	2-Butanone (MEK)	500 ug/mL
							2-Hexanone	500 ug/mL
							4-Methyl-2-pentanone (MIBK)	500 ug/mL
							Acetone	500 ug/mL
.MSV_M_MIX1SEC_00273	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Methylene Chloride	1000 ug/mL
							Styrene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
.MSV_M_MIX2SEC_00280	05/31/28		Restek, Lot A0225702		(Purchased Reagent)		Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_Q_Ketones_00285	04/30/27		Restek, Lot A0209876		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_LCS_VOC#1_00232	09/03/25	08/04/25	Methanol, Lot EH471	25 mL	MSV_M_MIX1SEC_00280	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	40 ug/mL
					MSV_M_MIX2SEC_00289	1 mL	Carbon disulfide	40 ug/mL
							Methyl tert-butyl ether	40 ug/mL
					MSV_Q_Ketones_00290	1 mL	2-Butanone (MEK)	500 ug/mL
							2-Hexanone	500 ug/mL
							4-Methyl-2-pentanone (MIBK)	500 ug/mL
							Acetone	500 ug/mL
.MSV_M_MIX1SEC_00280	12/31/27		Restek, Lot A0225025		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							Benzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Methylene Chloride	1000 ug/mL
							Styrene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
.MSV_M_MIX2SEC_00289	05/31/28		Restek, Lot A0225702		(Purchased Reagent)		Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_Q_Ketones_00290	04/30/27		Restek, Lot A0209876		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_LL_#1_826_00171	08/06/25	07/08/25	Methanol, Lot EJ274	1 mL	MSV_CCV_VOC#1_00243	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

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_00245	200 uL	Acrolein	2439.7 ug/mL
							2-Butanone (MEK)	500 ug/mL
							2-Hexanone	500 ug/mL
							4-Methyl-2-pentanone (MIBK)	500 ug/mL
							Acetone	500 ug/mL
					MSV_V_VOA2_00297	150 uL	1,4-Dioxane	2500 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							Isobutyl alcohol	2500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	4375 ug/mL
							Propionitrile	1000 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
.MSV_CCV_VOC#1_00243	08/06/25	07/07/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00240	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

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-Trichloropropane	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2,4-Trimethylbenzene	1000 ug/mL
							1,2-Dibromo-3-Chloropropane	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							1,3,5-Trimethylbenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dichloropropane	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,2-Dichloropropane	1000 ug/mL
							2-Chlorotoluene	1000 ug/mL
							4-Chlorotoluene	1000 ug/mL
							4-Isopropyltoluene	1000 ug/mL
							Benzene	1000 ug/mL
							Bromobenzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Dibromomethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Isopropylbenzene	1000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	1000 ug/mL
							n-Butylbenzene	1000 ug/mL
							N-Propylbenzene	1000 ug/mL
							Naphthalene	1000 ug/mL
							o-Xylene	1000 ug/mL
							sec-Butylbenzene	1000 ug/mL
							Styrene	1000 ug/mL
							tert-Butylbenzene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

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_00249	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_00240	08/06/25		Restek, Lot A0211483		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,1-Dichloropropene	5000 ug/mL
							1,2,3-Trichlorobenzene	5000 ug/mL
							1,2,3-Trichloropropane	5000 ug/mL
							1,2,4-Trichlorobenzene	5000 ug/mL
							1,2,4-Trimethylbenzene	5000 ug/mL
							1,2-Dibromo-3-Chloropropane	5000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

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_00249	08/06/25		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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

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_00245	08/06/25	07/07/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00028	0.5 mL	Acrolein	12198.5 ug/mL
					MSV_V_Ketones_00175	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
..MSV_CCV_ACR_00028	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00048	9.042 mL	Acrolein	121985 ug/mL
...MSV_VACR_STK_00048	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00041	1.4522 g	Acrolein	134909 ug/mL
....MSV_ACROLEIN_00041	08/31/25	Chem Service, Lot 15807600			(Purchased Reagent)		Acrolein	0.929 g/g
..MSV_V_Ketones_00175	01/31/26	Restek, Lot A0193494			(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_00297	08/06/25	07/07/25	Methanol, Lot EH471	5 mL	MSV_V#2B_00437	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_00437	05/31/26	Restek, Lot A0211456			(Purchased Reagent)		1,4-Dioxane	62500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

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_#1_826_00172	08/18/25	07/28/25	Methanol, Lot EJ274	1 mL	MSV_CCV_VOC#1_00246	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
							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_00248	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_00246	08/27/25	07/28/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00245	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	1000 ug/mL
							Benzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Methylene Chloride	1000 ug/mL
							Styrene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
					MSV_MegaMix#2_00251	1 mL	Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
..MSV_MegaMIX#1_00245	08/27/25		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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
..MSV_MegaMix#2_00251	08/27/25		Restek, Lot A0226118		(Purchased Reagent)		Carbon disulfide	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
.MSV_CCV_VOC#3_00248	08/18/25	07/28/25	Methanol, Lot EH471	5 mL	MSV_V_Ketones_00239	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_00239	04/30/27		Restek, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_LL_#2_826_00185	07/23/25	07/08/25	Methanol, Lot EJ274	1 mL	CCV_ETBR_00009	50 uL	Ethyl bromide	49.9488 ug/mL
					MSV_BCE_00081	25 uL	1-Bromo-2-chloroethane	50 ug/mL
					MSV_CCV_EE_00009	50 uL	Ethyl ether	50.0166 ug/mL
					MSV_V_PentaCL_00053	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_00081	07/30/25		Restek, Lot A0201612		(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_00053	07/23/25		Restek, Lot A0197490		(Purchased Reagent)		Pentachloroethane	5000 ug/mL
MSV_LL_GAS826_00279	07/14/25	07/07/25	Methanol, Lot EJ274	1 mL	MSV_CCV_GASES_01070	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_01070	07/14/25		Restek, Lot A0212054		(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_LL_GAS826_00283	08/11/25	08/04/25	Methanol, Lot EJ274	1 mL	MSV_CCV_GASES_01107	25 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.MSV_CCV_GASES_01107	08/11/25		Restek, Lot A0225685		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_LLcentISS_00016	09/12/25	03/12/25	Methanol, Lot EJ274	50 mL	MSV_8260_SS_01410	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_00674	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_01410	09/30/29		Restek, Lot A0216253		(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_00674	10/31/26		Restek, Lot A0203141		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_LLcentISS_00017	11/22/25	05/22/25	Methanol, Lot EJ274	50 mL	MSV_Cus826_IS_00739	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_00739	10/31/26		Restek, Lot A0203141		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_LLcentISS_00017	11/22/25	05/22/25	Methanol, Lot EJ274	50 mL	MSV_8260_SS_01455	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_01455	10/31/29		Restek, Lot A0217887		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
MSV_QC_Gas826_00268	07/14/25	07/07/25	Methanol, Lot EJ274	1 mL	MSV_QC_2K_GAS_00310	20 uL	Bromomethane	40 ug/mL
							Chloroethane	40 ug/mL
							Chloromethane	40 ug/mL
							Vinyl chloride	40 ug/mL
.MSV_QC_2K_GAS_00310	07/14/25		Restek, Lot A0211460		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Vinyl chloride	2000 ug/mL
MSV_QC_Gas826_00273	08/11/25	08/04/25	Methanol, Lot EJ274	1 mL	MSV_QC_2K_GAS_00307	20 uL	Bromomethane	40 ug/mL
							Chloroethane	40 ug/mL
							Chloromethane	40 ug/mL
							Vinyl chloride	40 ug/mL
.MSV_QC_2K_GAS_00307	08/11/25	Restek, Lot A0211460			(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_V_BFB_00019							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Xylenes, Total	
					MSV_VBFB_STK_00014	0.246 mL	BFB	49.9183 ug/mL
.MSV_VBFB_STK_00014	11/22/25	05/22/25	Methanol, Lot EH471	10 mL	MSV_4BFB_NEAT_00013	0.5073 g	BFB	50730 ug/mL
..MSV_4BFB_NEAT_00013	06/30/29	Chem Service, Lot 16054300			(Purchased Reagent)		BFB	1 g/g

Reagent

MSV_8260_SS_01410

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 30240 **Lot No.:** A0216253

Description : 8260A Surrogate Mix

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

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

Expiration Date : September 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,509.0 µg/mL	+/- 140.9447
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,506.3 µg/mL	+/- 140.7903
3	Toluene-d8	2037-26-5	PR-34141	99%	2,514.3 µg/mL	+/- 141.2397
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000268853	99%	2,510.5 µg/mL	+/- 141.0290

* 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.)

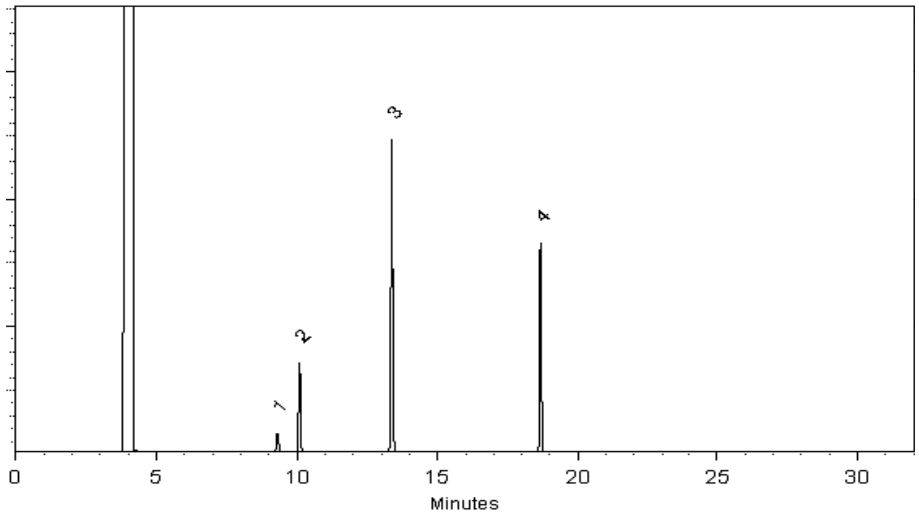
Inj. Temp:
200°C

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.

Scott McNeil - Operations Tech I

Date Mixed: 09-Sep-2024 **Balance Serial #** 1127510105

Brittany Federinko - Operations Tech I

Date Passed: 12-Sep-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:

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

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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

Handling Notes:

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

Reagent

MSV_8260_SS_01455

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : 8260A Surrogate Mix

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

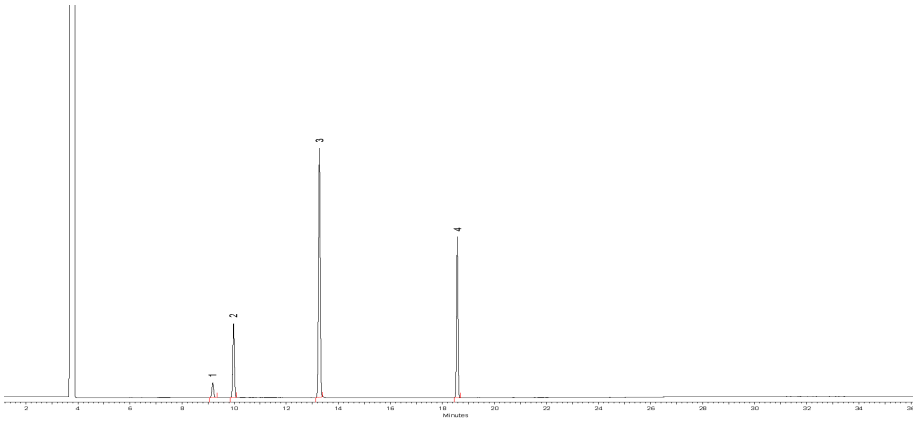
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Richard Zimmerman - Operations Tech I

Date Mixed: 15-Oct-2024 **Balance Serial #** B251644995

John Lidgett - AD Chemist

Date Passed: 23-Oct-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

  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_BCE_00081

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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. : 30469 **Lot No.:** A0201612

Description : 1-Bromo-2-chloroethane Standard

1-Bromo-2-Chloroethane Std, 2000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : August 31, 2028 **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	1-Bromo-2-chloroethane	107-04-0	BCCC1146	99%	2,004.0 µg/mL	+/- 112.6024

* 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.)

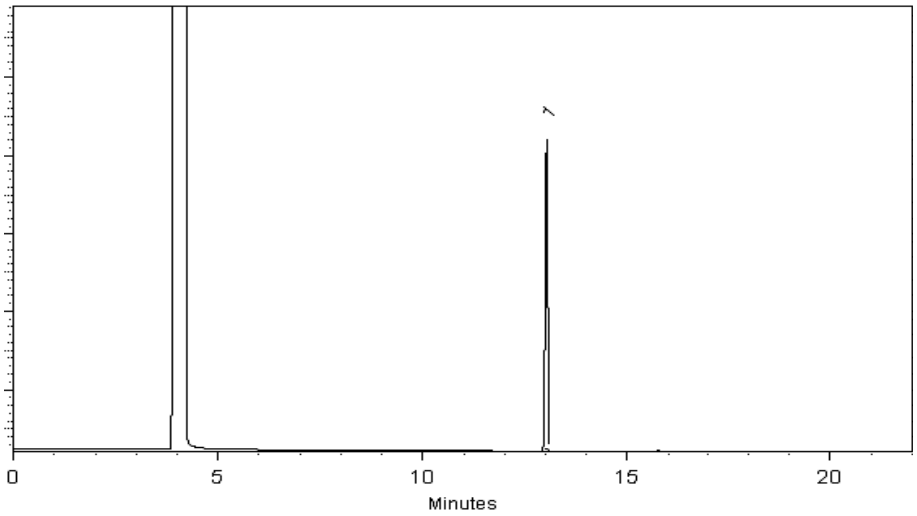
Inj. Temp:
200°C

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.

Morgan Craighead - Mix Technician

Date Mixed: 31-Aug-2023 **Balance Serial #** 1128342314

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 06-Sep-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:

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

  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_00674

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Custom 8260A IS Mix

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

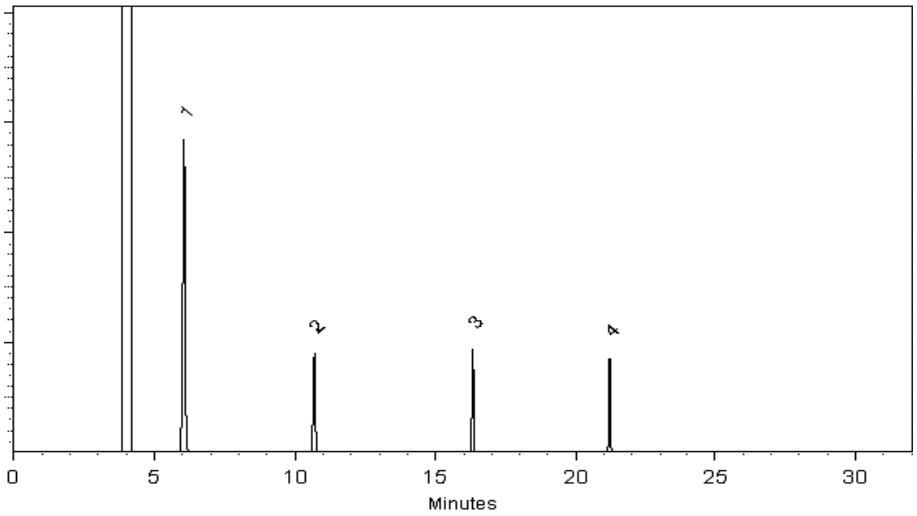
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Laith Clemente - Operations Technician I

Date Mixed: 13-Oct-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Oct-2023

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

  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_00739

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Custom 8260A IS Mix

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

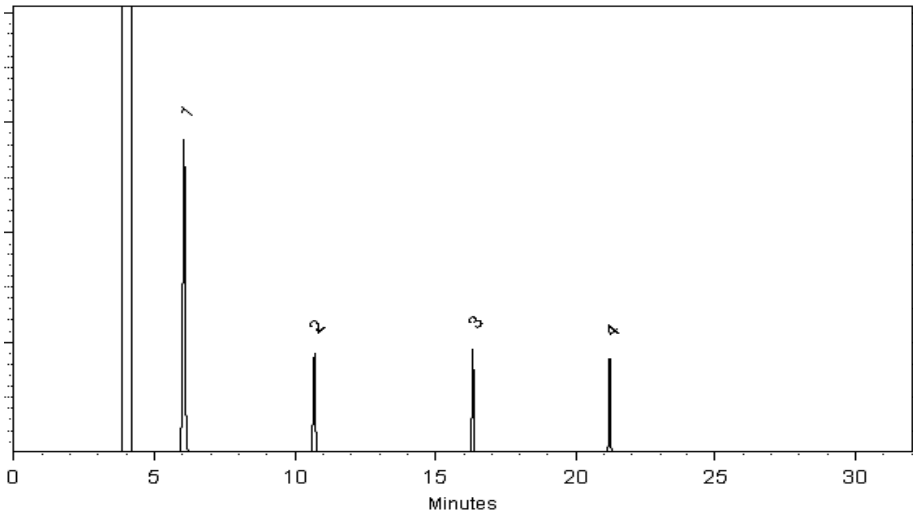
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Laith Clemente - Operations Technician I

Date Mixed: 13-Oct-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Oct-2023

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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

Handling Notes:

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

Reagent

MSV_QC_2K_GAS_00307

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Custom Gases.SEC Standard

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

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

Tech Tips:
Raw material may contain trace amounts of tert-Butanol.

Quality Confirmation Test

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

Carrier Gas:
helium-constant flow 2.0 mL/min.

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

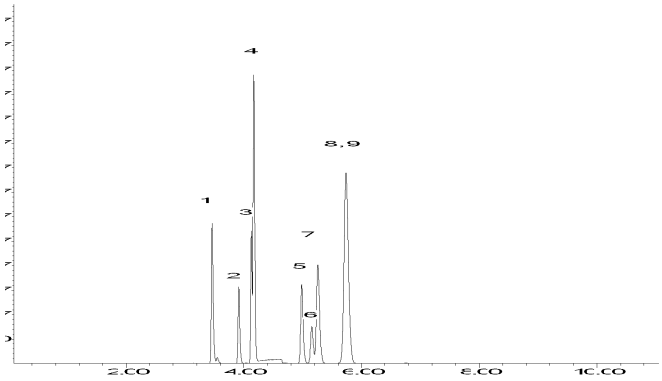
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



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

Matt Fragassi - Mix Technician

Date Mixed: 15-May-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 22-May-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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

Handling Notes:

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

Reagent

MSV_QC_2K_GAS_00310

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Custom Gases.SEC Standard

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

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

Tech Tips:
Raw material may contain trace amounts of tert-Butanol.

Quality Confirmation Test

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

Carrier Gas:
helium-constant flow 2.0 mL/min.

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

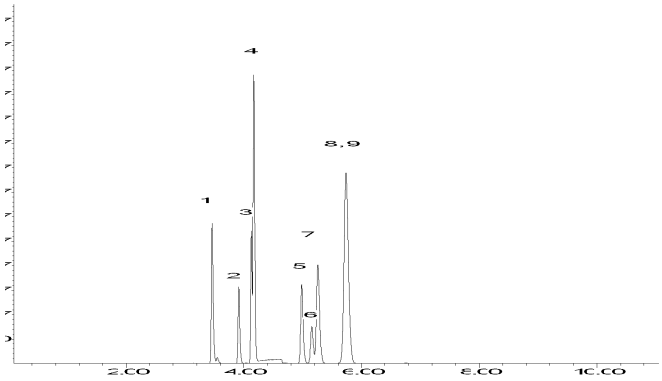
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



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

Matt Fragassi - Mix Technician

Date Mixed: 15-May-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 22-May-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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

Handling Notes:

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

Reagent

MSV_V_Ketones_00175

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 569721 **Lot No.:** A0193494

Description : 8260 List 1/ Std #2 Ketones (2015)

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

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

Expiration Date : January 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	Acetone	67-64-1	SHBP8774	99%	12,581.8 µg/mL	+/- 434.7671
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	12,578.5 µg/mL	+/- 434.6548
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	12,602.3 µg/mL	+/- 435.4755
4	2-Hexanone	591-78-6	MKCQ6663	99%	12,587.5 µg/mL	+/- 434.9658

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

Solvent: P&T Methanol/Water (90:10)

CAS # 67-56-1/7732-18-5

Purity 99%

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

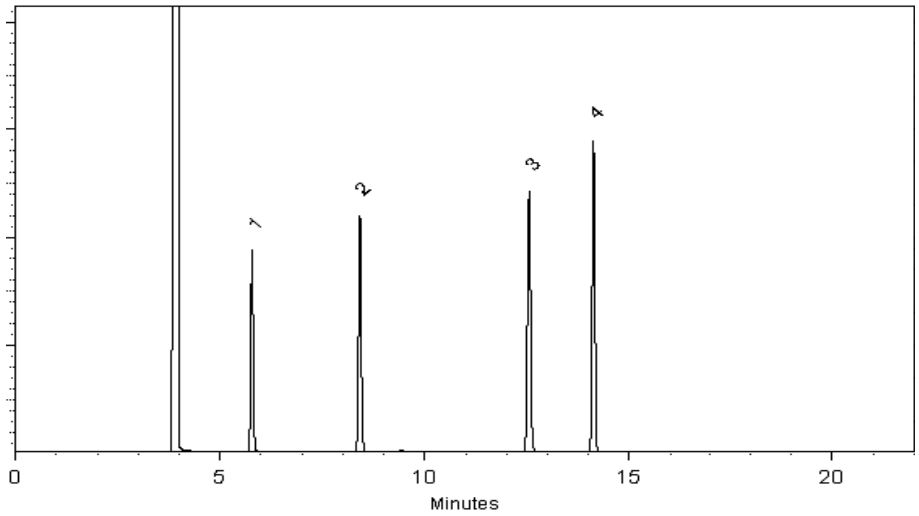
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
0.2µl



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

Bethany Lowery - Operations Tech I

Date Mixed: 12-Jan-2023 **Balance Serial #** B251644995

Christie Mills - Operations Tech II - ARM QC

Date Passed: 16-Jan-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:

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

  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_00053

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Custom Pentachloroethane Standard

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

Solvent: P&T Methanol

CAS # 67-56-1

Purity 99%

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

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

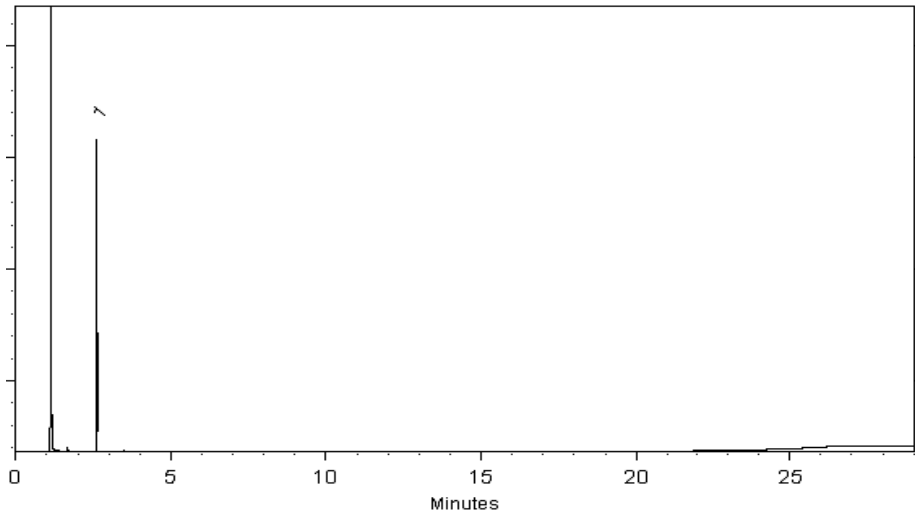
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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

Nick Yaw - Operations Tech I

Date Mixed: 26-Apr-2023 **Balance Serial #** B251644995

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 02-May-2023

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

  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.: 410-234794-1

SDG No.:

Matrix: Water Level: Low

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

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
HD-COD-SW-6-0/1-0	410-234794-1	104	105	93	99
HD-COD-SW-7-0/1-0	410-234794-2	106	104	93	99
HD-COD-SW-8-0/1-0	410-234794-3	106	107	93	99
HD-COD-SW-9-0/1-0	410-234794-4	106	102	93	98
HD-COD-SW-13-0/1-0	410-234794-5	107	103	93	99
HD-COD-SW-15-0/1-0	410-234794-6	101	103	98	97
HD-COD-SW-16-0/1-0	410-234794-7	99	104	98	97
HD-COD-SW-17-0/1-0	410-234794-8	100	102	97	97
HD-COD-SW-17-0/1-0 DL	410-234794-8 DL	99	103	100	97
HD-COD-SW-26-0/1-0	410-234794-9	100	104	98	97
HD-COD-SW-27-0/1-0	410-234794-10	100	99	97	96
HD-COD-SW-28-0/1-0	410-234794-11	100	102	97	97
HD-COD-SW-29-0/1-0	410-234794-12	100	103	99	97
HD-QC1-0/1-1	410-234794-13	100	102	96	95
HD-QC1-0/1-1 DL	410-234794-13 DL	99	101	99	96
HD-QC1-0/1-2	410-234794-14	103	104	92	98
	MB 410-680541/6	104	101	93	99
	MB 410-681140/7	98	102	97	99
	LCS 410-680541/4	105	107	95	101
	LCS 410-681140/4	101	104	98	99
HD-COD-SW-15-0/1-0 MS MS	410-234794-6 MS	102	108	99	99
HD-COD-SW-15-0/1-0 MSD MSD	410-234794-6 MSD	100	103	100	100

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	80-120
DCA = 1,2-Dichloroethane-d4 (Surr)	80-120
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene (Surr)	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.: 410-234794-1

SDG No.:

Matrix: Water Level: Low Lab File ID: HG04X33.D

Lab ID: LCS 410-680541/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	5.00	5.14	103	80-122	
1,1,1-Trichloroethane	5.00	5.73	115	78-126	
1,1,2,2-Tetrachloroethane	5.00	5.18	104	75-123	
1,1,2-Trichloroethane	5.00	5.21	104	80-120	
1,1-Dichloroethane	5.00	5.88	118	74-120	
1,1-Dichloroethene	5.00	6.10	122	80-131	
1,2-Dibromoethane (EDB)	5.00	5.45	109	80-120	
1,2-Dichloroethane	5.00	5.75	115	69-122	
1,2-Dichloropropane	5.00	6.13	123	80-120	*+
2-Butanone (MEK)	62.5	57.7	92	59-141	
2-Hexanone	62.5	59.5	95	52-140	
4-Methyl-2-pentanone (MIBK)	62.5	56.4	90	55-140	
Acetone	62.5	53.4	85	60-146	
Benzene	5.00	5.73	115	80-120	
Bromochloromethane	5.00	5.99	120	80-133	
Bromodichloromethane	5.00	5.75	115	80-123	
Bromoform	5.00	5.32	106	75-126	
Bromomethane	5.00	5.43	109	63-120	
Carbon disulfide	5.00	5.46	109	67-130	
Carbon tetrachloride	5.00	5.84	117	64-141	
Chlorobenzene	5.00	5.10	102	80-120	
Chloroethane	5.00	5.64	113	63-120	
Chloroform	5.00	5.83	117	80-120	
Chloromethane	5.00	5.19	104	56-124	
cis-1,2-Dichloroethene	5.00	5.97	119	80-122	
cis-1,3-Dichloropropene	5.00	5.64	113	67-121	
Dibromochloromethane	5.00	5.04	101	80-123	
Ethylbenzene	5.00	5.05	101	80-120	
Methyl tert-butyl ether	5.00	5.57	111	69-120	
Methylene Chloride	5.00	5.91	118	80-120	
Styrene	5.00	5.07	101	80-120	
Tetrachloroethene	5.00	4.90	98	80-120	
Toluene	5.00	5.11	102	80-120	
trans-1,2-Dichloroethene	5.00	5.98	120	80-122	
trans-1,3-Dichloropropene	5.00	5.21	104	61-129	
Trichloroethene	5.00	5.67	113	80-120	
Vinyl chloride	5.00	5.36	107	60-125	
Xylenes, Total	15.0	15.2	101	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Matrix: Water Level: Low Lab File ID: HG05X33.D

Lab ID: LCS 410-681140/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	5.00	5.06	101	80-122	
1,1,1-Trichloroethane	5.00	5.13	103	78-126	
1,1,2,2-Tetrachloroethane	5.00	5.14	103	75-123	
1,1,2-Trichloroethane	5.00	5.16	103	80-120	
1,1-Dichloroethane	5.00	5.48	110	74-120	
1,1-Dichloroethene	5.00	5.56	111	80-131	
1,2-Dibromoethane (EDB)	5.00	5.51	110	80-120	
1,2-Dichloroethane	5.00	5.19	104	69-122	
1,2-Dichloropropane	5.00	5.55	111	80-120	
2-Butanone (MEK)	62.5	58.0	93	59-141	
2-Hexanone	62.5	60.3	96	52-140	
4-Methyl-2-pentanone (MIBK)	62.5	56.6	91	55-140	
Acetone	62.5	53.3	85	60-146	
Benzene	5.00	5.28	106	80-120	
Bromochloromethane	5.00	5.43	109	80-133	
Bromodichloromethane	5.00	5.35	107	80-123	
Bromoform	5.00	5.29	106	75-126	
Bromomethane	5.00	4.94	99	63-120	
Carbon disulfide	5.00	4.95	99	67-130	
Carbon tetrachloride	5.00	5.26	105	64-141	
Chlorobenzene	5.00	5.06	101	80-120	
Chloroethane	5.00	5.10	102	63-120	
Chloroform	5.00	5.32	106	80-120	
Chloromethane	5.00	4.51	90	56-124	
cis-1,2-Dichloroethene	5.00	5.39	108	80-122	
cis-1,3-Dichloropropene	5.00	5.12	102	67-121	
Dibromochloromethane	5.00	5.01	100	80-123	
Ethylbenzene	5.00	4.99	100	80-120	
Methyl tert-butyl ether	5.00	5.07	101	69-120	
Methylene Chloride	5.00	5.36	107	80-120	
Styrene	5.00	5.02	100	80-120	
Tetrachloroethene	5.00	4.84	97	80-120	
Toluene	5.00	5.10	102	80-120	
trans-1,2-Dichloroethene	5.00	5.35	107	80-122	
trans-1,3-Dichloropropene	5.00	5.14	103	61-129	
Trichloroethene	5.00	5.20	104	80-120	
Vinyl chloride	5.00	4.76	95	60-125	
Xylenes, Total	15.0	15.0	100	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Matrix: Water Level: Low Lab File ID: HG05X41.D

Lab ID: 410-234794-6 MS Client ID: HD-COD-SW-15-0/1-0 MS MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	5.00	ND	5.32	106	80-122	
1,1,1-Trichloroethane	5.00	0.28 J	5.96	114	78-126	
1,1,2,2-Tetrachloroethane	5.00	ND	5.52	110	75-123	
1,1,2-Trichloroethane	5.00	ND	5.29	106	80-120	
1,1-Dichloroethane	5.00	ND	6.09	122	74-120	FH
1,1-Dichloroethene	5.00	0.17 J	6.44	125	80-131	
1,2-Dibromoethane (EDB)	5.00	ND	5.52	110	80-120	
1,2-Dichloroethane	5.00	ND	5.16	103	69-122	
1,2-Dichloropropane	5.00	ND	5.83	116	80-120	
2-Butanone (MEK)	62.6	ND	57.8	92	59-141	
2-Hexanone	62.6	ND	58.9	94	52-140	
4-Methyl-2-pentanone (MIBK)	62.6	ND	55.1	88	55-140	
Acetone	62.6	ND	53.0	85	60-146	
Benzene	5.00	ND	5.61	112	80-120	
Bromochloromethane	5.00	ND	5.67	113	80-133	
Bromodichloromethane	5.00	ND	5.51	110	80-123	
Bromoform	5.00	ND	5.13	103	75-126	
Bromomethane	5.00	ND	5.50	110	63-120	
Carbon disulfide	5.00	ND	5.64	113	67-130	
Carbon tetrachloride	5.00	ND	5.86	117	64-141	
Chlorobenzene	5.00	ND	5.41	108	80-120	
Chloroethane	5.00	ND	5.83	117	63-120	
Chloroform	5.00	0.20 J	5.88	113	80-120	
Chloromethane	5.00	ND	5.15	103	80-120	
cis-1,2-Dichloroethene	5.00	1.2	7.17	120	80-122	
cis-1,3-Dichloropropene	5.00	ND	5.24	105	67-121	
Dibromochloromethane	5.00	ND	5.18	104	80-123	
Ethylbenzene	5.00	ND	5.39	108	80-120	
Methyl tert-butyl ether	5.00	ND	5.27	105	69-120	
Methylene Chloride	5.00	ND	5.80	116	80-120	
Styrene	5.00	ND	5.31	106	80-120	
Tetrachloroethene	5.00	4.1	9.73	112	80-120	
Toluene	5.00	ND	5.47	109	80-120	
trans-1,2-Dichloroethene	5.00	ND	5.99	120	80-122	
trans-1,3-Dichloropropene	5.00	ND	5.24	105	61-129	
Trichloroethene	5.00	1.3	6.88	112	80-120	
Vinyl chloride	5.00	ND	5.81	116	60-125	
Xylenes, Total	15.0	ND	16.2	108	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Matrix: Water Level: Low Lab File ID: HG05X42.D

Lab ID: 410-234794-6 MSD Client ID: HD-COD-SW-15-0/1-0 MSD MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	5.00	5.38	107	1	30	80-122	
1,1,1-Trichloroethane	5.00	5.82	111	2	30	78-126	
1,1,2,2-Tetrachloroethane	5.00	5.31	106	4	30	75-123	
1,1,2-Trichloroethane	5.00	5.31	106	0	30	80-120	
1,1-Dichloroethane	5.00	5.78	115	5	30	74-120	
1,1-Dichloroethene	5.00	6.39	124	1	30	80-131	
1,2-Dibromoethane (EDB)	5.00	5.51	110	0	30	80-120	
1,2-Dichloroethane	5.00	5.32	106	3	30	69-122	
1,2-Dichloropropane	5.00	5.72	114	2	30	80-120	
2-Butanone (MEK)	62.6	62.5	100	8	30	59-141	
2-Hexanone	62.6	64.7	103	9	30	52-140	
4-Methyl-2-pentanone (MIBK)	62.6	60.1	96	9	30	55-140	
Acetone	62.6	55.6	89	5	30	60-146	
Benzene	5.00	5.53	111	1	30	80-120	
Bromochloromethane	5.00	5.67	113	0	30	80-133	
Bromodichloromethane	5.00	5.39	108	2	30	80-123	
Bromoform	5.00	5.24	105	2	30	75-126	
Bromomethane	5.00	5.43	108	1	30	63-120	
Carbon disulfide	5.00	5.53	111	2	30	67-130	
Carbon tetrachloride	5.00	5.79	116	1	30	64-141	
Chlorobenzene	5.00	5.42	108	0	30	80-120	
Chloroethane	5.00	5.82	116	0	30	63-120	
Chloroform	5.00	5.77	111	2	30	80-120	
Chloromethane	5.00	4.96	99	4	30	80-120	
cis-1,2-Dichloroethene	5.00	6.99	116	2	30	80-122	
cis-1,3-Dichloropropene	5.00	5.20	104	1	30	67-121	
Dibromochloromethane	5.00	5.18	104	0	30	80-123	
Ethylbenzene	5.00	5.42	108	1	30	80-120	
Methyl tert-butyl ether	5.00	5.14	103	3	30	69-120	
Methylene Chloride	5.00	5.65	113	3	30	80-120	
Styrene	5.00	5.29	106	0	30	80-120	
Tetrachloroethene	5.00	9.73	111	0	30	80-120	
Toluene	5.00	5.42	108	1	30	80-120	
trans-1,2-Dichloroethene	5.00	5.76	115	4	30	80-122	
trans-1,3-Dichloropropene	5.00	5.27	105	1	30	61-129	
Trichloroethene	5.00	6.77	110	2	30	80-120	
Vinyl chloride	5.00	5.62	112	3	30	60-125	
Xylenes, Total	15.0	16.2	108	0	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Lab File ID: HG04X35.D Lab Sample ID: MB 410-680541/6

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

Instrument ID: 19094 Date Analyzed: 08/04/2025 21:11

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 410-680541/4	HG04X33.D	08/04/2025 20:30
HD-QC1-0/1-2	410-234794-14	HG04X36.D	08/04/2025 21:32
HD-COD-SW-6-0/1-0	410-234794-1	HG04X37.D	08/04/2025 21:53
HD-COD-SW-7-0/1-0	410-234794-2	HG04X38.D	08/04/2025 22:13
HD-COD-SW-8-0/1-0	410-234794-3	HG04X39.D	08/04/2025 22:34
HD-COD-SW-9-0/1-0	410-234794-4	HG04X40.D	08/04/2025 22:55
HD-COD-SW-13-0/1-0	410-234794-5	HG04X41.D	08/04/2025 23:16

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Lab File ID: HG05X35.D Lab Sample ID: MB 410-681140/7

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

Instrument ID: 19094 Date Analyzed: 08/05/2025 20:24

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 410-681140/4	HG05X33.D	08/05/2025 19:43
HD-COD-SW-15-0/1-0	410-234794-6	HG05X40.D	08/05/2025 22:07
HD-COD-SW-15-0/1-0 MS MS	410-234794-6 MS	HG05X41.D	08/05/2025 22:28
HD-COD-SW-15-0/1-0 MSD MSD	410-234794-6 MSD	HG05X42.D	08/05/2025 22:48
HD-COD-SW-16-0/1-0	410-234794-7	HG05X43.D	08/05/2025 23:09
HD-COD-SW-26-0/1-0	410-234794-9	HG05X44.D	08/05/2025 23:30
HD-COD-SW-27-0/1-0	410-234794-10	HG05X45.D	08/05/2025 23:50
HD-COD-SW-28-0/1-0	410-234794-11	HG05X46.D	08/06/2025 00:11
HD-COD-SW-29-0/1-0	410-234794-12	HG05X47.D	08/06/2025 00:31
HD-COD-SW-17-0/1-0	410-234794-8	HG05X56.D	08/06/2025 03:37
HD-COD-SW-17-0/1-0 DL	410-234794-8 DL	HG05X57.D	08/06/2025 03:58
HD-QC1-0/1-1	410-234794-13	HG05X58.D	08/06/2025 04:19
HD-QC1-0/1-1 DL	410-234794-13 DL	HG05X59.D	08/06/2025 04:39

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Lab File ID: HL08T01.D BFB Injection Date: 07/09/2025

Instrument ID: 19094 BFB Injection Time: 03:43

Analysis Batch No.: 668589

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.8	
75	30.0 - 60.0 % of mass 95	47.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	78.2	
175	5.0 - 9.0 % of mass 174	5.9	(7.6) 1
176	95.0 - 101.0 % of mass 174	76.3	(97.6) 1
177	5.0 - 9.0 % of mass 176	5.3	(7.0) 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 410-668589/13	HL08X12.D	07/09/2025	4:17
	IC 410-668589/14	HL08X13.D	07/09/2025	4:37
	IC 410-668589/15	HL08X14.D	07/09/2025	4:58
	IC 410-668589/16	HL08X15.D	07/09/2025	5:18
	IC 410-668589/17	HL08X16.D	07/09/2025	5:39
	IC 410-668589/18	HL08X17.D	07/09/2025	6:00
	IC 410-668589/19	HL08X18.D	07/09/2025	6:21
	ICIS 410-668589/20	HL08X19.D	07/09/2025	6:41
	IC 410-668589/21	HL08X20.D	07/09/2025	7:02
	ICV 410-668589/23	HL08X22.D	07/09/2025	7:43

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Lab File ID: HG04T31.D BFB Injection Date: 08/04/2025

Instrument ID: 19094 BFB Injection Time: 19:34

Analysis Batch No.: 680541

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.2	
75	30.0 - 60.0 % of mass 95	48.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.9	(1.1) 1
174	Greater than 50% of mass 95	82.2	
175	5.0 - 9.0 % of mass 174	6.3	(7.7) 1
176	95.0 - 101.0 % of mass 174	80.1	(97.4) 1
177	5.0 - 9.0 % of mass 176	5.2	(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
	CCVIS 410-680541/3	HG04X32.D	08/04/2025	20:10
	LCS 410-680541/4	HG04X33.D	08/04/2025	20:30
	MB 410-680541/6	HG04X35.D	08/04/2025	21:11
HD-QC1-0/1-2	410-234794-14	HG04X36.D	08/04/2025	21:32
HD-COD-SW-6-0/1-0	410-234794-1	HG04X37.D	08/04/2025	21:53
HD-COD-SW-7-0/1-0	410-234794-2	HG04X38.D	08/04/2025	22:13
HD-COD-SW-8-0/1-0	410-234794-3	HG04X39.D	08/04/2025	22:34
HD-COD-SW-9-0/1-0	410-234794-4	HG04X40.D	08/04/2025	22:55
HD-COD-SW-13-0/1-0	410-234794-5	HG04X41.D	08/04/2025	23:16

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Lab File ID: HG05T31.D BFB Injection Date: 08/05/2025

Instrument ID: 19094 BFB Injection Time: 18:47

Analysis Batch No.: 681140

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.0	
75	30.0 - 60.0 % of mass 95	47.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	1.0	(1.2) 1
174	Greater than 50% of mass 95	85.0	
175	5.0 - 9.0 % of mass 174	6.2	(7.3) 1
176	95.0 - 101.0 % of mass 174	83.2	(97.9) 1
177	5.0 - 9.0 % of mass 176	5.2	(6.3) 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 410-681140/3	HG05X32.D	08/05/2025	19:22
	LCS 410-681140/4	HG05X33.D	08/05/2025	19:43
	MB 410-681140/7	HG05X35.D	08/05/2025	20:24
HD-COD-SW-15-0/1-0	410-234794-6	HG05X40.D	08/05/2025	22:07
HD-COD-SW-15-0/1-0 MS MS	410-234794-6 MS	HG05X41.D	08/05/2025	22:28
HD-COD-SW-15-0/1-0 MSD MSD	410-234794-6 MSD	HG05X42.D	08/05/2025	22:48
HD-COD-SW-16-0/1-0	410-234794-7	HG05X43.D	08/05/2025	23:09
HD-COD-SW-26-0/1-0	410-234794-9	HG05X44.D	08/05/2025	23:30
HD-COD-SW-27-0/1-0	410-234794-10	HG05X45.D	08/05/2025	23:50
HD-COD-SW-28-0/1-0	410-234794-11	HG05X46.D	08/06/2025	0:11
HD-COD-SW-29-0/1-0	410-234794-12	HG05X47.D	08/06/2025	0:31
HD-COD-SW-17-0/1-0	410-234794-8	HG05X56.D	08/06/2025	3:37
HD-COD-SW-17-0/1-0 DL	410-234794-8 DL	HG05X57.D	08/06/2025	3:58
HD-QC1-0/1-1	410-234794-13	HG05X58.D	08/06/2025	4:19
HD-QC1-0/1-1 DL	410-234794-13 DL	HG05X59.D	08/06/2025	4:39

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Sample No.: ICIS 410-668589/20 Date Analyzed: 07/09/2025 06:41

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

Lab File ID (Standard): HL08X19.D Heated Purge: (Y/N) N

Calibration ID: 74555

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		75826	3.89	1961552	7.35	1396688	10.95
UPPER LIMIT		151652	4.39	3923104	7.85	2793376	11.45
LOWER LIMIT		37913	3.39	980776	6.85	698344	10.45
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-668589/23		70766	3.84	1875622	7.35	1353183	10.95
CCVIS 410-680541/3		97338	3.86	1628471	7.35	1335791	10.95
CCVIS 410-681140/3		90519	3.86	1924202	7.35	1464309	10.95

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 Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Sample No.: ICIS 410-668589/20 Date Analyzed: 07/09/2025 06:41

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

Lab File ID (Standard): HL08X19.D Heated Purge: (Y/N) N

Calibration ID: 74555

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		775184	12.87				
UPPER LIMIT		1550368	13.37				
LOWER LIMIT		387592	12.37				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-668589/23		744969	12.87				
CCVIS 410-680541/3		761243	12.87				
CCVIS 410-681140/3		807014	12.87				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Sample No.: CCVIS 410-680541/3 Date Analyzed: 08/04/2025 20:10

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

Lab File ID (Standard): HG04X32.D Heated Purge: (Y/N) N

Calibration ID: 74558

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		97338	3.86	1628471	7.35	1335791	10.95
UPPER LIMIT		194676	4.36	3256942	7.85	2671582	11.45
LOWER LIMIT		48669	3.36	814236	6.85	667896	10.45
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-680541/4		85934	3.86	1639503	7.35	1338778	10.95
MB 410-680541/6		92176	3.87	1587578	7.35	1315009	10.95
410-234794-14	HD-QC1-0/1-2	87792	3.84	1594636	7.34	1323813	10.95
410-234794-1	HD-COD-SW-6-0/1-0	86773	3.86	1592343	7.35	1313669	10.95
410-234794-2	HD-COD-SW-7-0/1-0	86472	3.87	1594857	7.35	1315751	10.95
410-234794-3	HD-COD-SW-8-0/1-0	89751	3.86	1602409	7.35	1325455	10.95
410-234794-4	HD-COD-SW-9-0/1-0	91091	3.86	1610932	7.34	1326793	10.95
410-234794-5	HD-COD-SW-13-0/1-0	91379	3.86	1569891	7.35	1304099	10.95

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 Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Sample No.: CCVIS 410-680541/3 Date Analyzed: 08/04/2025 20:10

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

Lab File ID (Standard): HG04X32.D Heated Purge: (Y/N) N

Calibration ID: 74558

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		761243	12.87				
UPPER LIMIT		1522486	13.37				
LOWER LIMIT		380622	12.37				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-680541/4		756210	12.87				
MB 410-680541/6		727278	12.87				
410-234794-14	HD-QC1-0/1-2	735350	12.87				
410-234794-1	HD-COD-SW-6-0/1-0	736659	12.87				
410-234794-2	HD-COD-SW-7-0/1-0	738953	12.87				
410-234794-3	HD-COD-SW-8-0/1-0	737240	12.87				
410-234794-4	HD-COD-SW-9-0/1-0	740756	12.87				
410-234794-5	HD-COD-SW-13-0/1-0	731078	12.87				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Sample No.: CCVIS 410-681140/3 Date Analyzed: 08/05/2025 19:22

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

Lab File ID (Standard): HG05X32.D Heated Purge: (Y/N) N

Calibration ID: 74558

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		90519	3.86	1924202	7.35	1464309	10.95
UPPER LIMIT		181038	4.36	3848404	7.85	2928618	11.45
LOWER LIMIT		45260	3.36	962101	6.85	732155	10.45
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-681140/4		91244	3.86	1941637	7.35	1461801	10.95
MB 410-681140/7		94178	3.86	1935132	7.35	1444403	10.95
410-234794-6	HD-COD-SW-15-0/1-0	84510	3.86	2001354	7.35	1490980	10.95
410-234794-6 MS	HD-COD-SW-15-0/1-0 MS MS	96621	3.84	1992949	7.34	1478415	10.95
410-234794-6 MSD	HD-COD-SW-15-0/1-0 MSD MSD	88418	3.86	2022437	7.35	1478461	10.95
410-234794-7	HD-COD-SW-16-0/1-0	90782	3.87	1985387	7.35	1465205	10.95
410-234794-9	HD-COD-SW-26-0/1-0	93346	3.86	1972102	7.35	1456028	10.95
410-234794-10	HD-COD-SW-27-0/1-0	80360	3.87	1977864	7.35	1460084	10.95
410-234794-11	HD-COD-SW-28-0/1-0	83736	3.86	1980755	7.35	1454732	10.95
410-234794-12	HD-COD-SW-29-0/1-0	85262	3.86	1976430	7.34	1452398	10.95
410-234794-8	HD-COD-SW-17-0/1-0	85246	3.86	2019974	7.35	1488650	10.95
410-234794-8 DL	HD-COD-SW-17-0/1-0 DL	82174	3.86	2033315	7.34	1462082	10.95
410-234794-13	HD-QC1-0/1-1	86087	3.87	2021085	7.35	1514038	10.95
410-234794-13 DL	HD-QC1-0/1-1 DL	84203	3.86	2037355	7.34	1460847	10.95

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 Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Sample No.: CCVIS 410-681140/3 Date Analyzed: 08/05/2025 19:22

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

Lab File ID (Standard): HG05X32.D Heated Purge: (Y/N) N

Calibration ID: 74558

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		807014	12.87				
UPPER LIMIT		1614028	13.37				
LOWER LIMIT		403507	12.37				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-681140/4		808797	12.87				
MB 410-681140/7		799319	12.87				
410-234794-6	HD-COD-SW-15-0/1-0	813733	12.87				
410-234794-6 MS	HD-COD-SW-15-0/1-0 MS MS	808973	12.87				
410-234794-6 MSD	HD-COD-SW-15-0/1-0 MSD MSD	821409	12.87				
410-234794-7	HD-COD-SW-16-0/1-0	799174	12.87				
410-234794-9	HD-COD-SW-26-0/1-0	795675	12.87				
410-234794-10	HD-COD-SW-27-0/1-0	789797	12.87				
410-234794-11	HD-COD-SW-28-0/1-0	783994	12.87				
410-234794-12	HD-COD-SW-29-0/1-0	792290	12.87				
410-234794-8	HD-COD-SW-17-0/1-0	803247	12.87				
410-234794-8 DL	HD-COD-SW-17-0/1-0 DL	800172	12.87				
410-234794-13	HD-QC1-0/1-1	808239	12.87				
410-234794-13 DL	HD-QC1-0/1-1 DL	792592	12.87				

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.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-6-0/1-0
Lab Sample ID: 410-234794-1

Matrix: Water
Lab File ID: HG04X37.D

Analysis Method: 8260D
Date Collected: 07/29/2025 08:20

Sample wt/vol: 25(mL)
Date Analyzed: 08/04/2025 21:53

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.: 680541
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	^c *+ cn	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	^c cn	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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-6-0/1-0
Lab Sample ID: 410-234794-1

Matrix: Water
Lab File ID: HG04X37.D

Analysis Method: 8260D
Date Collected: 07/29/2025 08:20

Sample wt/vol: 25(mL)
Date Analyzed: 08/04/2025 21:53

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.: 680541
Units: ug/L

Preparation Batch No.:
Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		0.50	0.20
108-88-3	Toluene	ND		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	ND		0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	104		80-120
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X37.D
Lims ID: 410-234794-A-1
Client ID: HD-COD-SW-6-0/1-0
Sample Type: Client
Inject. Date: 04-Aug-2025 21:53:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155489-008
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Aug-2025 11:32:39 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: N9NA Date: 05-Aug-2025 11:32:39

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
	5 Chloromethane	50	2.007	2.013	-0.006	87	2926	0.0429	
	6 Vinyl chloride	62		2.123				ND	
	9 Bromomethane	94		2.398				ND	
	10 Chloroethane	64		2.477				ND	
	17 1,1-Dichloroethene	96		3.251				ND	
	19 Acetone	43		3.288				ND	U
	23 Carbon disulfide	76		3.531				ND	7
	27 Methylene Chloride	84		3.848				ND	
*	28 t-Butyl alcohol-d10 (IS)	65	3.855	3.861	-0.006	97	86773	50.0	
	32 Methyl tert-butyl ether	73		4.214				ND	
	33 trans-1,2-Dichloroethene	96		4.233				ND	
	36 1,1-Dichloroethane	63		4.885				ND	
	41 2-Butanone (MEK)	43		5.696				ND	7
	42 cis-1,2-Dichloroethene	96	5.763	5.732	0.031	6	2792	0.0573	
	48 Chlorobromomethane	128		6.068				ND	
	50 Chloroform	83	6.226	6.220	0.006	90	6009	0.0747	
$	52 Dibromofluoromethane (Surr)	113	6.446	6.446	0.000	85	385911	10.4	
	53 1,1,1-Trichloroethane	97		6.458				ND	
	56 Carbon tetrachloride	117		6.671				ND	
$	58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.903	0.000	47	70057	10.5	
	59 Benzene	78		6.933				ND	7
	60 1,2-Dichloroethane	62		7.006				ND	
*	64 Fluorobenzene (IS)	96	7.348	7.348	0.000	99	1592343	10.0	
	68 Trichloroethene	95	7.866	7.842	0.024	95	2680	0.0519	
	70 1,2-Dichloropropane	63		8.177				ND	
	76 Dichlorobromomethane	83		8.531				ND	
	80 cis-1,3-Dichloropropene	75		9.097				ND	
	82 4-Methyl-2-pentanone (MIBK)	43		9.280				ND	
$	83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1704159	9.32	
	84 Toluene	92	9.524	9.506	0.018	95	6399	0.0452	
	85 trans-1,3-Dichloropropene	75		9.786				ND	
	106 1,1,2-Trichloroethane	97		10.000				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.097	10.091	0.006	88	1922	0.0287	
109 2-Hexanone	43		10.225				ND	
111 Chlorodibromomethane	129		10.390				ND	
112 Ethylene Dibromide	107		10.506				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	86	1313669	10.0	
115 Chlorobenzene	112		10.975				ND	
116 1,1,1,2-Tetrachloroethane	131		11.060				ND	
117 Ethylbenzene	91		11.067				ND	7
119 m-Xylene & p-Xylene	106		11.189				ND	7
S 118 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.518				ND	7
121 Styrene	104		11.536				ND	
122 Bromoform	173		11.695				ND	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	90	653461	9.90	
127 1,1,2,2-Tetrachloroethane	83		12.072				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	736659	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_LLcentISS_00017 Amount Added: 5.00 Units: uL Run Reagent

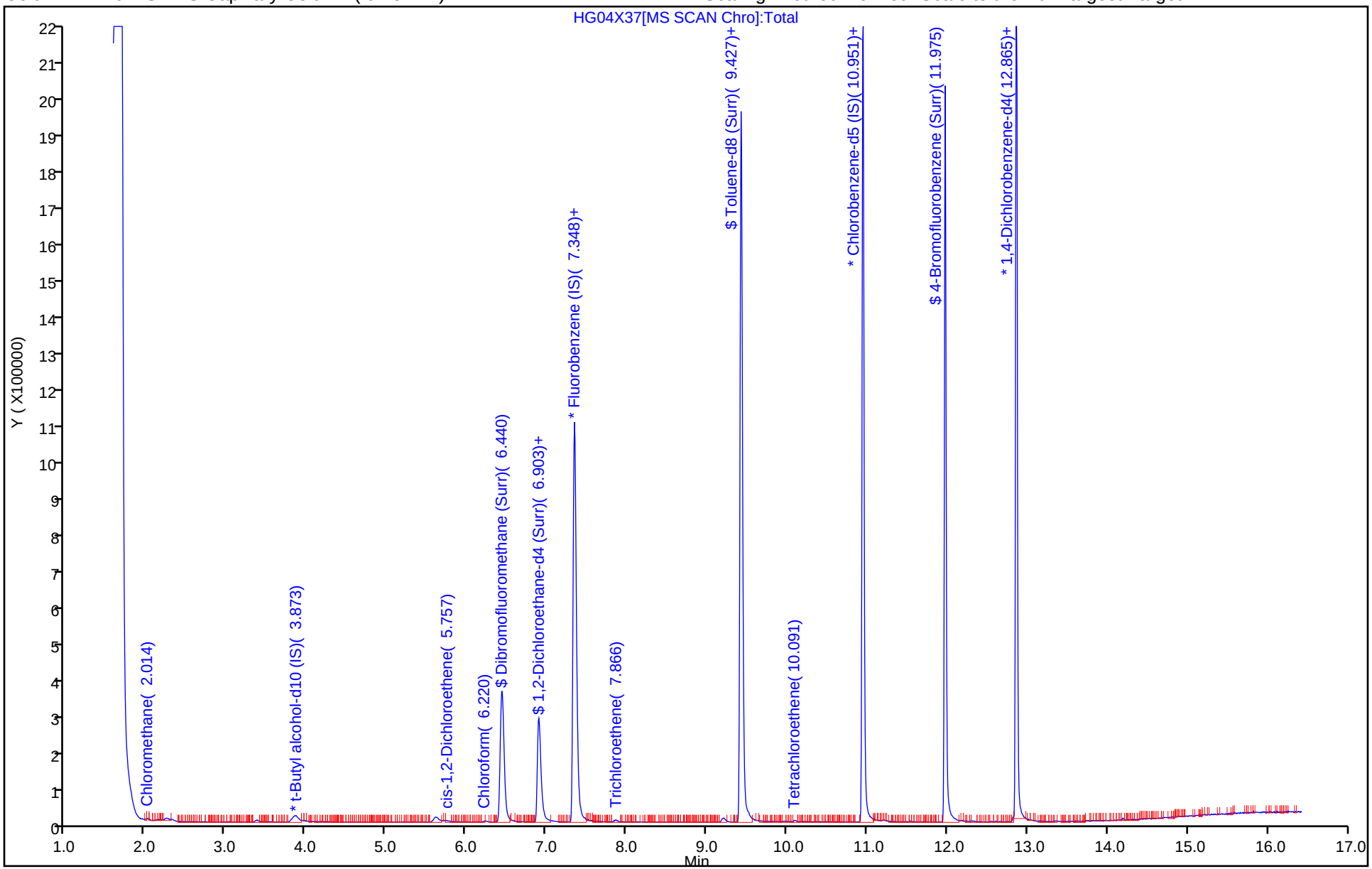
Report Date: 05-Aug-2025 11:32:39 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X37.D

Injection Date:	04-Aug-2025 21:53:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	410-234794-A-1	Lab Sample ID:	410-234794-1	Worklist Smp#:	8
Client ID:	HD-COD-SW-6-0/1-0				
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

Recovery Report

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X37.D				
Lims ID:	410-234794-A-1				
Client ID:	HD-COD-SW-6-0/1-0				
Sample Type:	Client				
Inject. Date:	04-Aug-2025 21:53:30	ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0155489-008				
Operator ID:	gaw91131	Instrument ID:	19094		
Method:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\MSV_19094_25mL.m				
Limit Group:	MSV - 8260C_D				
Last Update:	05-Aug-2025 11:32:39	Calib Date:	10-Jul-2025 06:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1601				

First Level Reviewer: N9NA Date: 05-Aug-2025 11:32:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	10.4	104.42
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.5	104.54
$ 83 Toluene-d8 (Surr)	10.0	9.32	93.25
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.90	99.02

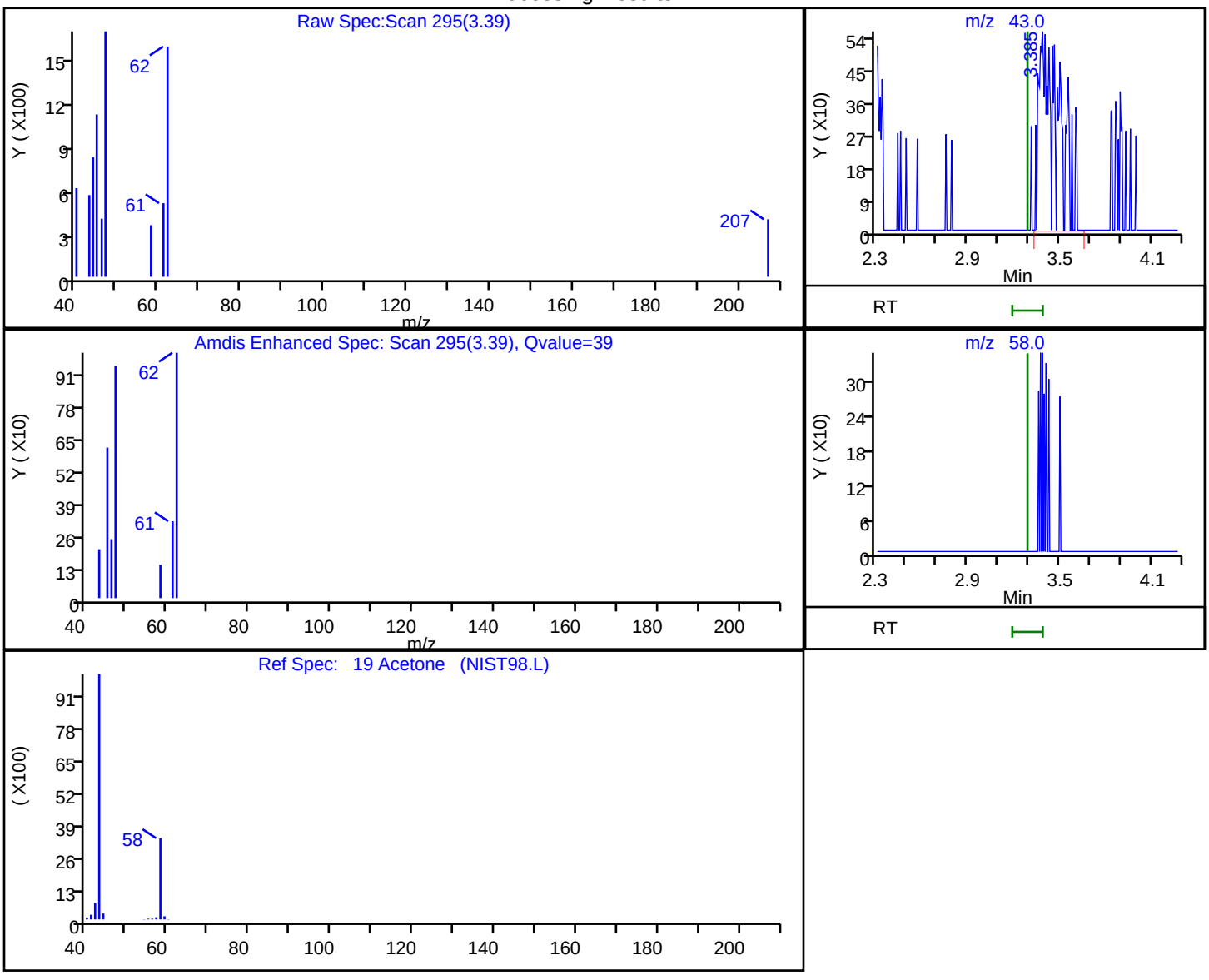
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X37.D				
Injection Date:	04-Aug-2025 21:53:30	Instrument ID:	19094		
Lims ID:	410-234794-A-1	Lab Sample ID:	410-234794-1		
Client ID:	HD-COD-SW-6-0/1-0				
Operator ID:	gaw91131	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 (0.25 mm)	Detector	MS Quad		

19 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
3.39	43.00	4933	0.800230
3.29	58.00	0	

Reviewer: N9NA, 05-Aug-2025 11:32:14 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.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-7-0/1-0
Lab Sample ID: 410-234794-2

Matrix: Water
Lab File ID: HG04X38.D

Analysis Method: 8260D
Date Collected: 07/29/2025 09:05

Sample wt/vol: 25(mL)
Date Analyzed: 08/04/2025 22:13

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.: 680541
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	^c *+ cn	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	^c cn	5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	0.13	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-7-0/1-0
Lab Sample ID: 410-234794-2

Matrix: Water
Lab File ID: HG04X38.D

Analysis Method: 8260D
Date Collected: 07/29/2025 09:05

Sample wt/vol: 25(mL)
Date Analyzed: 08/04/2025 22:13

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.: 680541
Units: ug/L

Preparation Batch No.:
Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		0.50	0.20
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)	104		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	106		80-120
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X38.D
Lims ID: 410-234794-A-2
Client ID: HD-COD-SW-7-0/1-0
Sample Type: Client
Inject. Date: 04-Aug-2025 22:13:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155489-009
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Aug-2025 11:32:39 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: N9NA Date: 05-Aug-2025 11:36:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	2.014	2.013	0.001	89	2641	0.0386	
6 Vinyl chloride	62		2.123				ND	7
9 Bromomethane	94		2.398				ND	
10 Chloroethane	64		2.477				ND	
17 1,1-Dichloroethene	96		3.251				ND	
19 Acetone	43		3.288				ND	
23 Carbon disulfide	76		3.531				ND	7
27 Methylene Chloride	84		3.848				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.867	3.861	0.006	97	86472	50.0	
32 Methyl tert-butyl ether	73		4.214				ND	
33 trans-1,2-Dichloroethene	96		4.233				ND	
36 1,1-Dichloroethane	63		4.885				ND	
41 2-Butanone (MEK)	43		5.696				ND	
42 cis-1,2-Dichloroethene	96	5.751	5.732	0.019	9	2434	0.0499	
48 Chlorobromomethane	128		6.068				ND	
50 Chloroform	83	6.226	6.220	0.006	90	10274	0.1276	
$ 52 Dibromofluoromethane (Surr)	113	6.440	6.446	-0.006	93	392067	10.6	
53 1,1,1-Trichloroethane	97		6.458				ND	
56 Carbon tetrachloride	117		6.671				ND	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.903	0.000	71	69804	10.4	
59 Benzene	78		6.933				ND	7
60 1,2-Dichloroethane	62		7.006				ND	
* 64 Fluorobenzene (IS)	96	7.348	7.348	0.000	99	1594857	10.0	
68 Trichloroethene	95	7.866	7.842	0.024	92	4065	0.0786	
70 1,2-Dichloropropane	63		8.177				ND	
76 Dichlorobromomethane	83		8.531				ND	
80 cis-1,3-Dichloropropene	75		9.097				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.280				ND	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	93	1709863	9.34	
84 Toluene	92	9.512	9.506	0.006	97	6689	0.0472	
85 trans-1,3-Dichloropropene	75		9.786				ND	
106 1,1,2-Trichloroethane	97		10.000				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166		10.091				ND	7
109 2-Hexanone	43		10.225				ND	
111 Chlorodibromomethane	129		10.390				ND	
112 Ethylene Dibromide	107		10.506				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1315751	10.0	
115 Chlorobenzene	112		10.975				ND	
116 1,1,1,2-Tetrachloroethane	131		11.060				ND	
117 Ethylbenzene	91		11.067				ND	7
119 m-Xylene & p-Xylene	106		11.189				ND	7
S 118 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.518				ND	
121 Styrene	104		11.536				ND	
122 Bromoform	173		11.695				ND	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	651453	9.86	
127 1,1,2,2-Tetrachloroethane	83		12.072				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	738953	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_LLcentISS_00017 Amount Added: 5.00 Units: uL Run Reagent

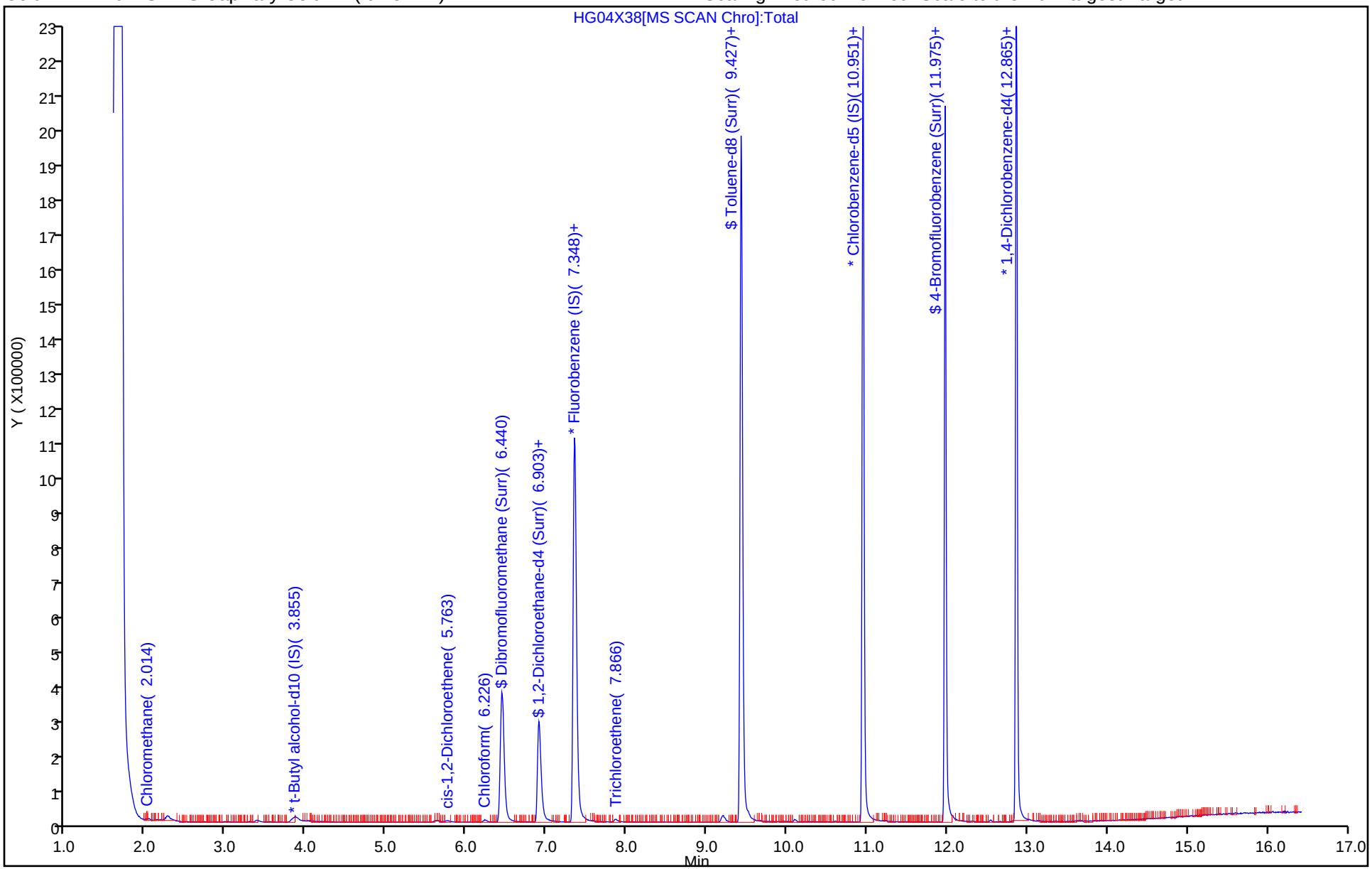
Report Date: 05-Aug-2025 11:36:28 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X38.D

Injection Date:	04-Aug-2025 22:13:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	410-234794-A-2	Lab Sample ID:	410-234794-2	Worklist Smp#:	9
Client ID:	HD-COD-SW-7-0/1-0				
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

Recovery Report

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X38.D				
Lims ID:	410-234794-A-2				
Client ID:	HD-COD-SW-7-0/1-0				
Sample Type:	Client				
Inject. Date:	04-Aug-2025 22:13:30	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0155489-009				
Operator ID:	gaw91131	Instrument ID:	19094		
Method:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\MSV_19094_25mL.m				
Limit Group:	MSV - 8260C_D				
Last Update:	05-Aug-2025 11:32:39	Calib Date:	10-Jul-2025 06:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1601				

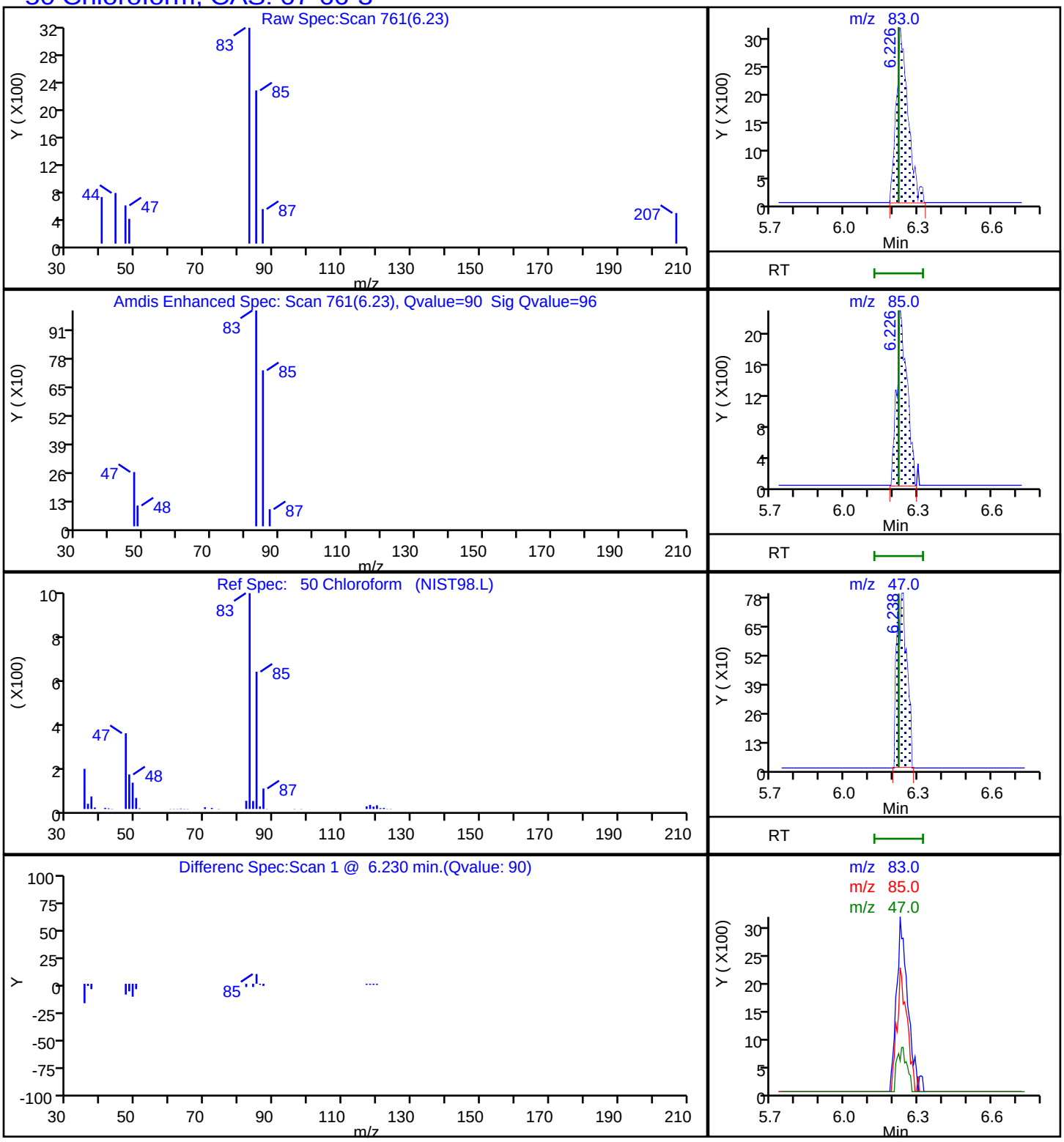
First Level Reviewer: N9NA Date: 05-Aug-2025 11:36:28

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	10.6	105.91
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.4	103.99
$ 83 Toluene-d8 (Surr)	10.0	9.34	93.41
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.86	98.56

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X38.D				
Injection Date:	04-Aug-2025 22:13:30	Instrument ID:	19094		
Lims ID:	410-234794-A-2	Lab Sample ID:	410-234794-2		
Client ID:	HD-COD-SW-7-0/1-0				
Operator ID:	gaw91131	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 (0.25 mm)	Detector	MS Quad		

50 Chloroform, CAS: 67-66-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-8-0/1-0
Lab Sample ID: 410-234794-3

Matrix: Water
Lab File ID: HG04X39.D

Analysis Method: 8260D
Date Collected: 07/29/2025 07:12

Sample wt/vol: 25(mL)
Date Analyzed: 08/04/2025 22:34

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.: 680541
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	^c *+ cn	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	^c cn	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	0.11	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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-8-0/1-0
Lab Sample ID: 410-234794-3

Matrix: Water
Lab File ID: HG04X39.D

Analysis Method: 8260D
Date Collected: 07/29/2025 07:12

Sample wt/vol: 25(mL)
Date Analyzed: 08/04/2025 22:34

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.: 680541
Units: ug/L

Preparation Batch No.:
Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.80		0.50	0.20
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	0.12	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)	107		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	106		80-120
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X39.D
Lims ID: 410-234794-A-3
Client ID: HD-COD-SW-8-0/1-0
Sample Type: Client
Inject. Date: 04-Aug-2025 22:34:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155489-010
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Aug-2025 11:38:08 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: N9NA Date: 05-Aug-2025 11:38:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	2.007	2.013	-0.006	92	2519	0.0367	
6 Vinyl chloride	62		2.123				ND	7
9 Bromomethane	94		2.398				ND	
10 Chloroethane	64		2.477				ND	
17 1,1-Dichloroethene	96		3.251				ND	
19 Acetone	43		3.288				ND	7
23 Carbon disulfide	76		3.531				ND	7
27 Methylene Chloride	84		3.848				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.861	3.861	0.000	97	89751	50.0	
32 Methyl tert-butyl ether	73		4.214				ND	
33 trans-1,2-Dichloroethene	96		4.233				ND	
36 1,1-Dichloroethane	63		4.885				ND	7
41 2-Butanone (MEK)	43		5.696				ND	
42 cis-1,2-Dichloroethene	96	5.769	5.732	0.037	81	5487	0.1119	
48 Chlorobromomethane	128		6.068				ND	
50 Chloroform	83	6.226	6.220	0.006	90	7029	0.0869	
$ 52 Dibromofluoromethane (Surr)	113	6.439	6.446	-0.007	93	394107	10.6	
53 1,1,1-Trichloroethane	97		6.458				ND	U
56 Carbon tetrachloride	117		6.671				ND	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.903	0.000	47	72274	10.7	
59 Benzene	78		6.933				ND	7
60 1,2-Dichloroethane	62		7.006				ND	
* 64 Fluorobenzene (IS)	96	7.348	7.348	0.000	98	1602409	10.0	
68 Trichloroethene	95	7.854	7.842	0.012	95	6195	0.1192	
70 1,2-Dichloropropane	63		8.177				ND	
76 Dichlorobromomethane	83		8.531				ND	
80 cis-1,3-Dichloropropene	75		9.097				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.280				ND	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1712203	9.29	
84 Toluene	92	9.530	9.506	0.024	96	6539	0.0458	
85 trans-1,3-Dichloropropene	75		9.786				ND	
106 1,1,2-Trichloroethane	97		10.000				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.091	10.091	0.000	97	53937	0.7991	
109 2-Hexanone	43		10.225				ND	
111 Chlorodibromomethane	129		10.390				ND	
112 Ethylene Dibromide	107		10.506				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1325455	10.0	
115 Chlorobenzene	112		10.975				ND	
116 1,1,1,2-Tetrachloroethane	131		11.060				ND	
117 Ethylbenzene	91		11.067				ND	7
119 m-Xylene & p-Xylene	106		11.189				ND	7
S 118 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.518				ND	7
121 Styrene	104		11.536				ND	
122 Bromoform	173		11.695				ND	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	658109	9.88	
127 1,1,2,2-Tetrachloroethane	83		12.072				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	737240	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

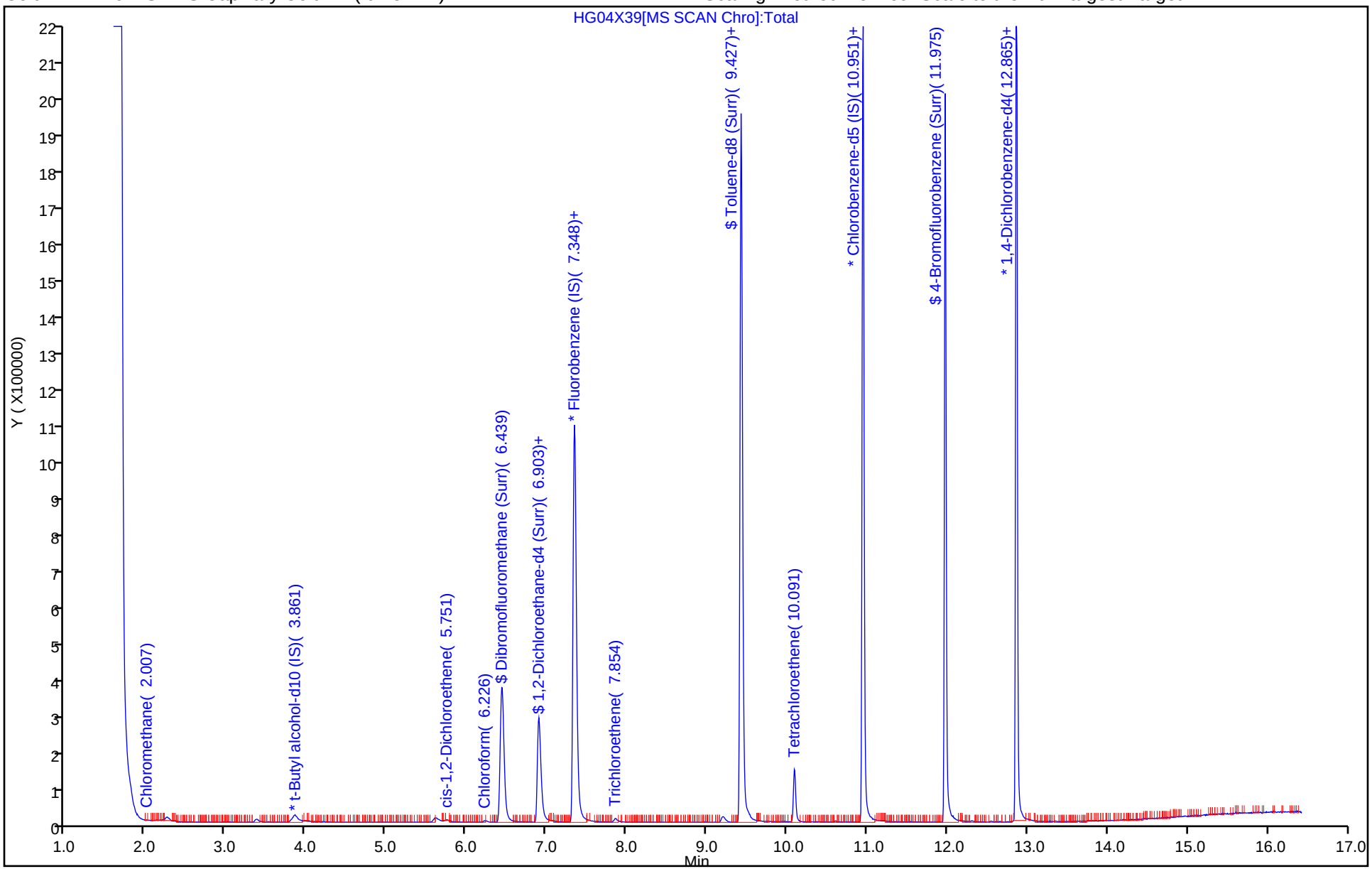
MSV_LLcentISS_00017 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 05-Aug-2025 11:38:48 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X39.D				
Injection Date:	04-Aug-2025 22:34:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	410-234794-A-3	Lab Sample ID:	410-234794-3	Worklist Smp#:	10
Client ID:	HD-COD-SW-8-0/1-0				
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\20250804-155489.b\HG04X39.D				
Lims ID:	410-234794-A-3				
Client ID:	HD-COD-SW-8-0/1-0				
Sample Type:	Client				
Inject. Date:	04-Aug-2025 22:34:30	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0155489-010				
Operator ID:	gaw91131	Instrument ID:	19094		
Method:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\MSV_19094_25mL.m				
Limit Group:	MSV - 8260C_D				
Last Update:	05-Aug-2025 11:38:08	Calib Date:	10-Jul-2025 06:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1601				

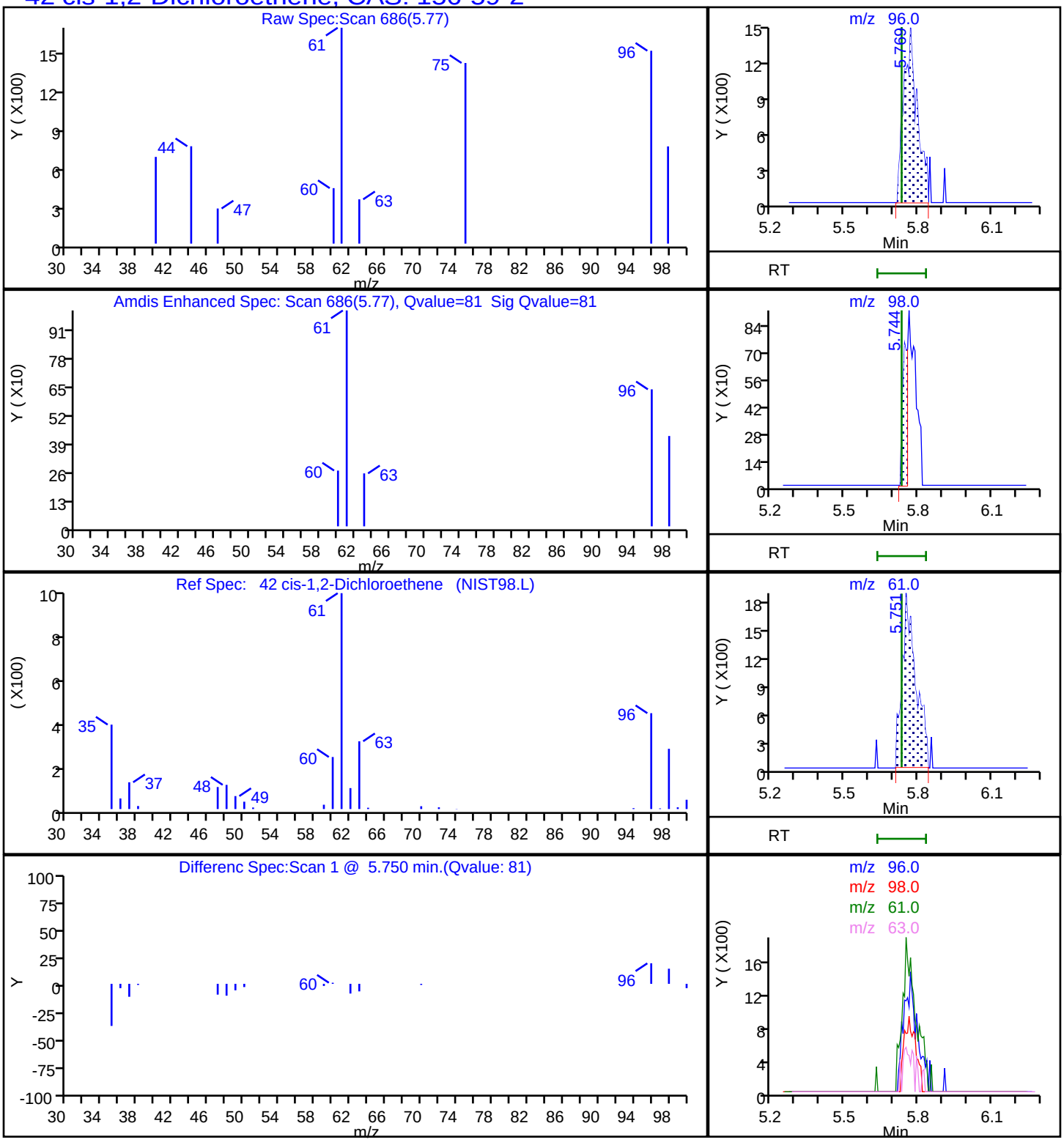
First Level Reviewer: N9NA Date: 05-Aug-2025 11:38:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	10.6	105.96
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.7	107.17
$ 83 Toluene-d8 (Surr)	10.0	9.29	92.86
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.88	98.84

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X39.D				
Injection Date:	04-Aug-2025 22:34:30	Instrument ID:	19094		
Lims ID:	410-234794-A-3	Lab Sample ID:	410-234794-3		
Client ID:	HD-COD-SW-8-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	9	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)	Detector	MS Quad		

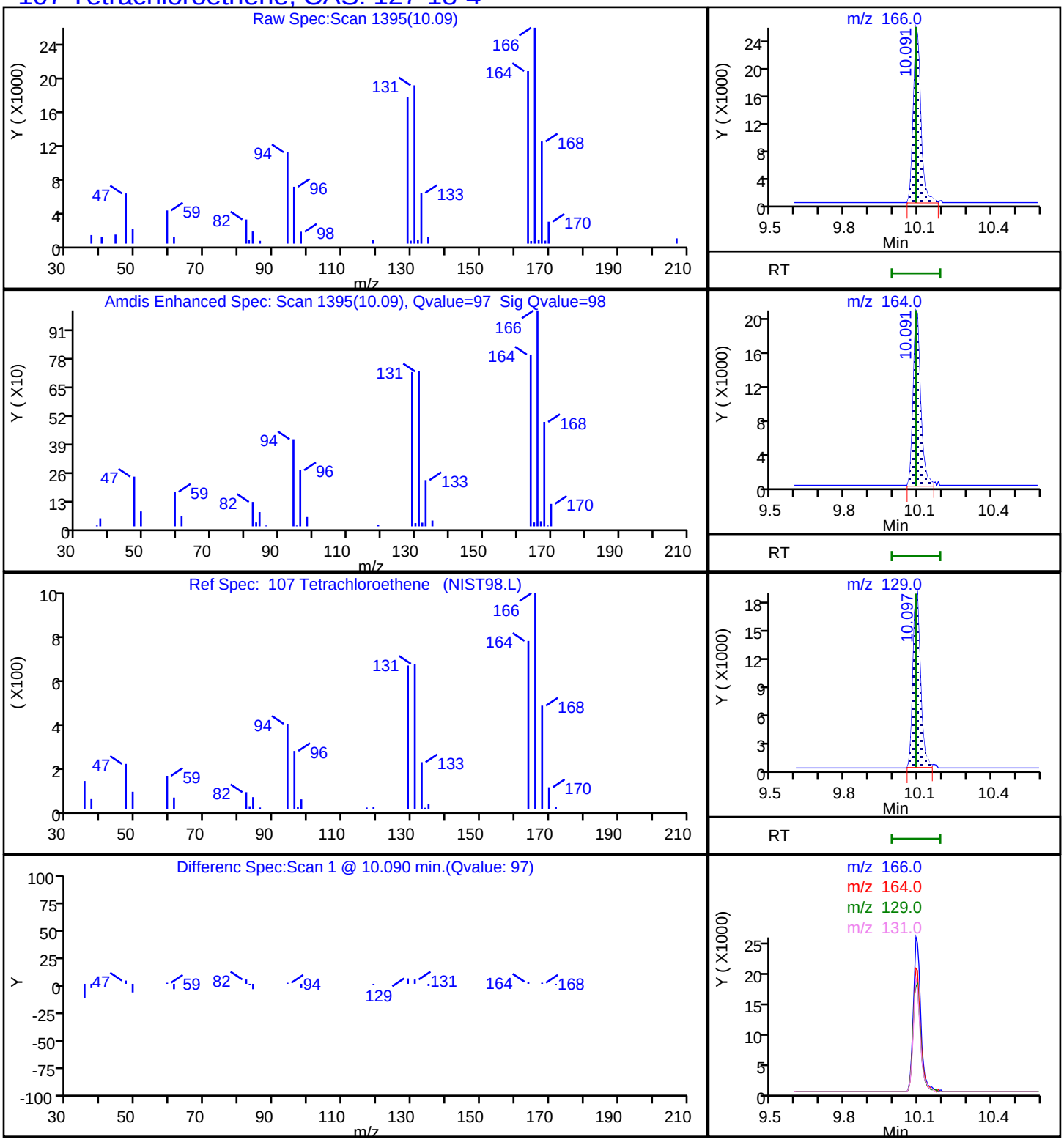
42 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X39.D				
Injection Date:	04-Aug-2025 22:34:30	Instrument ID:	19094		
Lims ID:	410-234794-A-3	Lab Sample ID:	410-234794-3		
Client ID:	HD-COD-SW-8-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	9	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 (0.25 mm)	Detector	MS Quad		

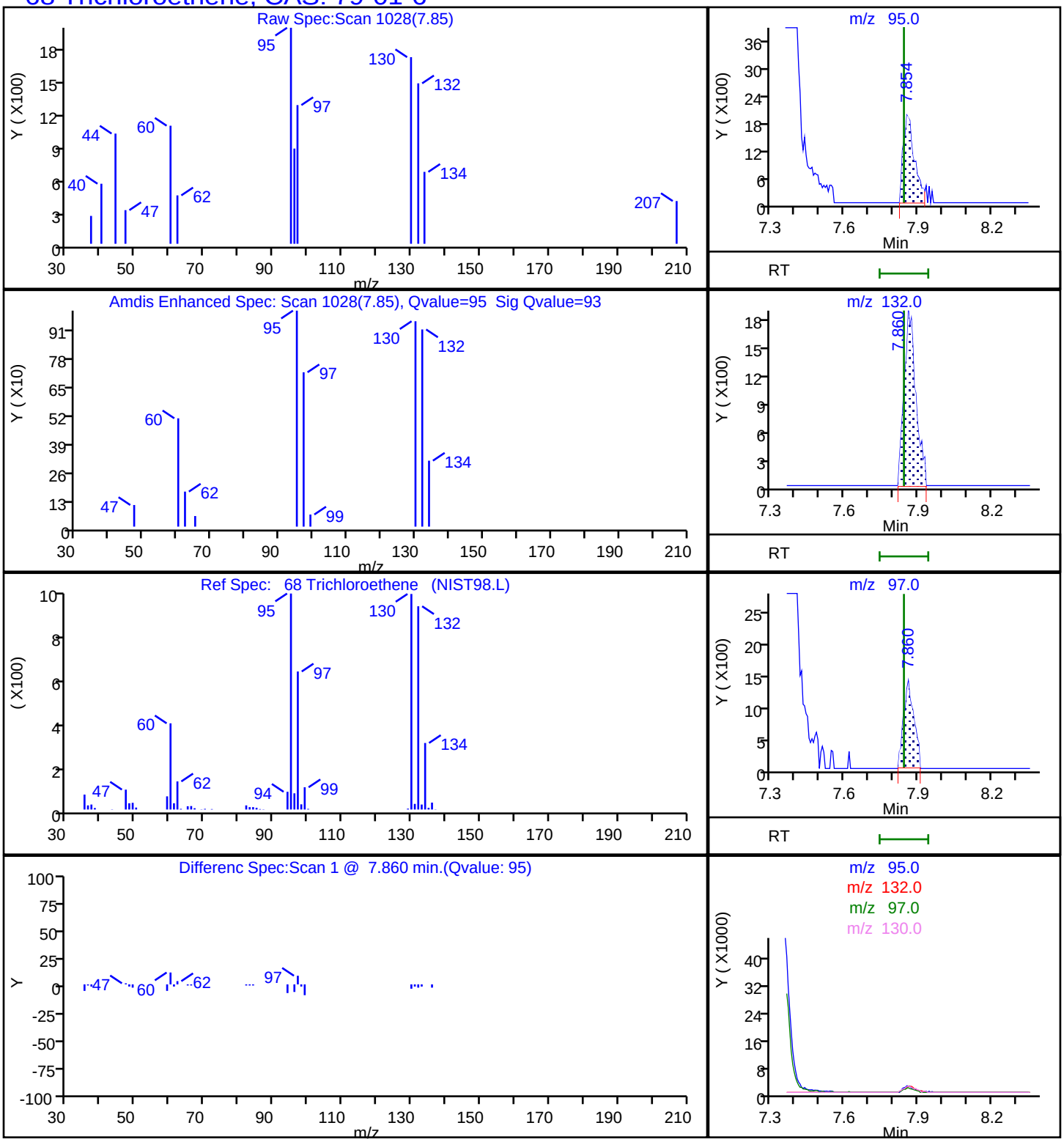
107 Tetrachloroethene, CAS: 127-18-4



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X39.D				
Injection Date:	04-Aug-2025 22:34:30	Instrument ID:	19094		
Lims ID:	410-234794-A-3	Lab Sample ID:	410-234794-3		
Client ID:	HD-COD-SW-8-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	9	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 (0.25 mm)	Detector	MS Quad		

68 Trichloroethene, CAS: 79-01-6



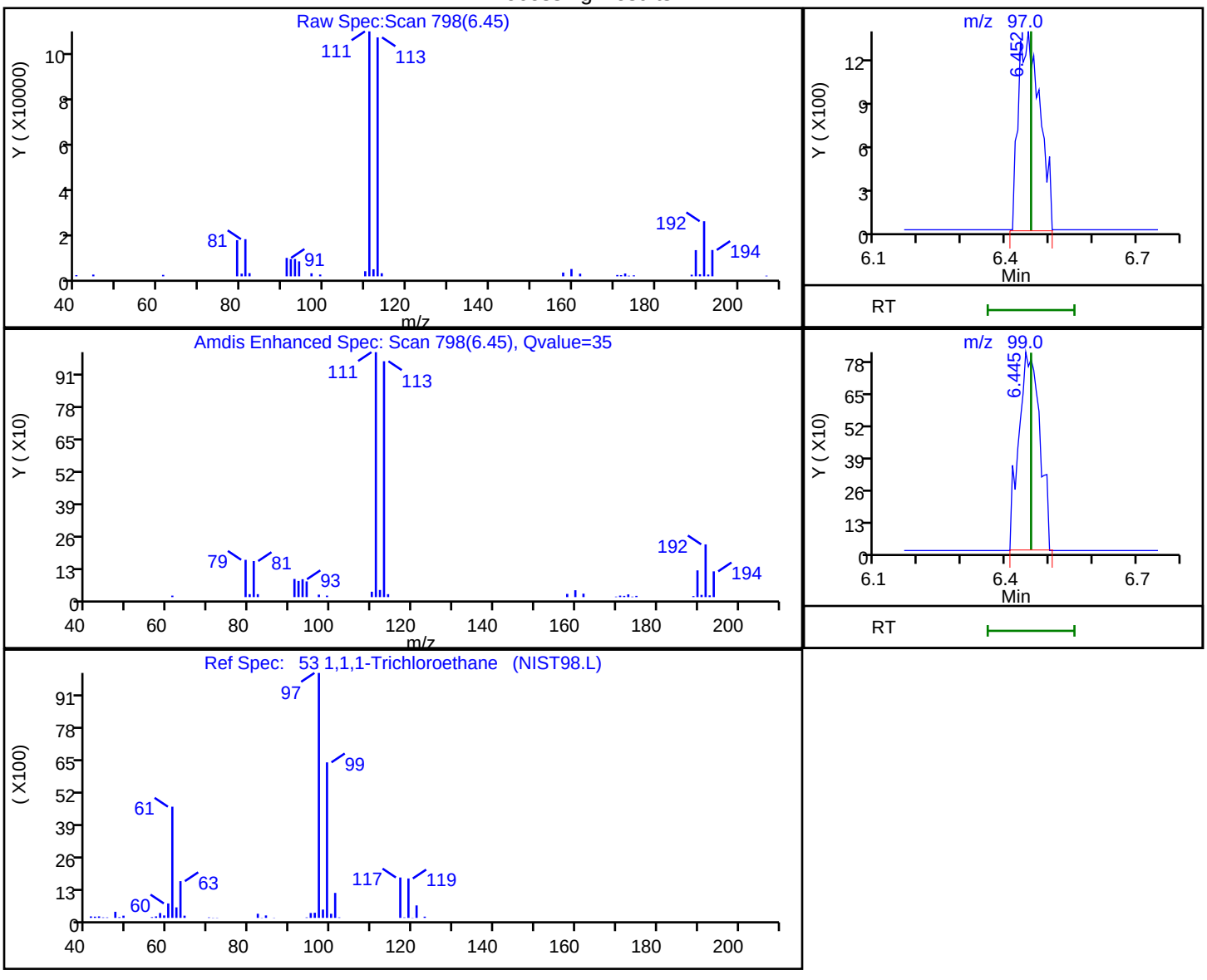
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X39.D				
Injection Date:	04-Aug-2025 22:34:30	Instrument ID:	19094		
Lims ID:	410-234794-A-3	Lab Sample ID:	410-234794-3		
Client ID:	HD-COD-SW-8-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	9	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)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
6.45	97.00	4414	0.058350
6.45	99.00	2734	

Reviewer: N9NA, 05-Aug-2025 11:37:03 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.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-9-0/1-0
Lab Sample ID: 410-234794-4

Matrix: Water
Lab File ID: HG04X40.D

Analysis Method: 8260D
Date Collected: 07/29/2025 10:12

Sample wt/vol: 25(mL)
Date Analyzed: 08/04/2025 22:55

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.: 680541
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	^c *+ cn	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	^c cn	5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	0.18	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-9-0/1-0
Lab Sample ID: 410-234794-4

Matrix: Water
Lab File ID: HG04X40.D

Analysis Method: 8260D
Date Collected: 07/29/2025 10:12

Sample wt/vol: 25(mL)
Date Analyzed: 08/04/2025 22:55

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.: 680541
Units: ug/L

Preparation Batch No.:
Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		0.50	0.20
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	0.085	J	0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		80-120
460-00-4	4-Bromofluorobenzene (Surr)	98		80-120
1868-53-7	Dibromofluoromethane (Surr)	106		80-120
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X40.D
Lims ID: 410-234794-A-4
Client ID: HD-COD-SW-9-0/1-0
Sample Type: Client
Inject. Date: 04-Aug-2025 22:55:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155489-011
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Aug-2025 11:41:09 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: N9NA Date: 05-Aug-2025 11:41:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		2.013				ND	U
6 Vinyl chloride	62		2.123				ND	
9 Bromomethane	94		2.398				ND	
10 Chloroethane	64		2.477				ND	
17 1,1-Dichloroethene	96		3.251				ND	
19 Acetone	43		3.288				ND	U
23 Carbon disulfide	76		3.531				ND	7
27 Methylene Chloride	84		3.848				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.855	3.861	-0.006	97	91091	50.0	
32 Methyl tert-butyl ether	73		4.214				ND	
33 trans-1,2-Dichloroethene	96		4.233				ND	
36 1,1-Dichloroethane	63		4.885				ND	
41 2-Butanone (MEK)	43		5.696				ND	
42 cis-1,2-Dichloroethene	96	5.763	5.732	0.031	66	3754	0.0761	
48 Chlorobromomethane	128		6.068				ND	
50 Chloroform	83	6.226	6.220	0.006	93	14483	0.1781	
$ 52 Dibromofluoromethane (Surr)	113	6.433	6.446	-0.013	93	395713	10.6	
53 1,1,1-Trichloroethane	97		6.458				ND	
56 Carbon tetrachloride	117		6.671				ND	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.897	6.903	-0.006	47	69268	10.2	
59 Benzene	78		6.933				ND	7
60 1,2-Dichloroethane	62		7.006				ND	
* 64 Fluorobenzene (IS)	96	7.342	7.348	-0.006	99	1610932	10.0	
68 Trichloroethene	95	7.860	7.842	0.018	93	4468	0.0855	
70 1,2-Dichloropropane	63		8.177				ND	
76 Dichlorobromomethane	83		8.531				ND	7
80 cis-1,3-Dichloropropene	75		9.097				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.280				ND	7
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1721034	9.32	
84 Toluene	92	9.524	9.506	0.018	95	7880	0.0551	
85 trans-1,3-Dichloropropene	75		9.786				ND	
106 1,1,2-Trichloroethane	97		10.000				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.091	10.091	0.000	94	10869	0.1609	
109 2-Hexanone	43		10.225				ND	
111 Chlorodibromomethane	129		10.390				ND	
112 Ethylene Dibromide	107		10.506				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1326793	10.0	
115 Chlorobenzene	112		10.975				ND	7
116 1,1,1,2-Tetrachloroethane	131		11.060				ND	
117 Ethylbenzene	91		11.067				ND	7
119 m-Xylene & p-Xylene	106		11.189				ND	7
S 118 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.518				ND	7
121 Styrene	104		11.536				ND	
122 Bromoform	173		11.695				ND	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	650958	9.77	
127 1,1,2,2-Tetrachloroethane	83		12.072				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	740756	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

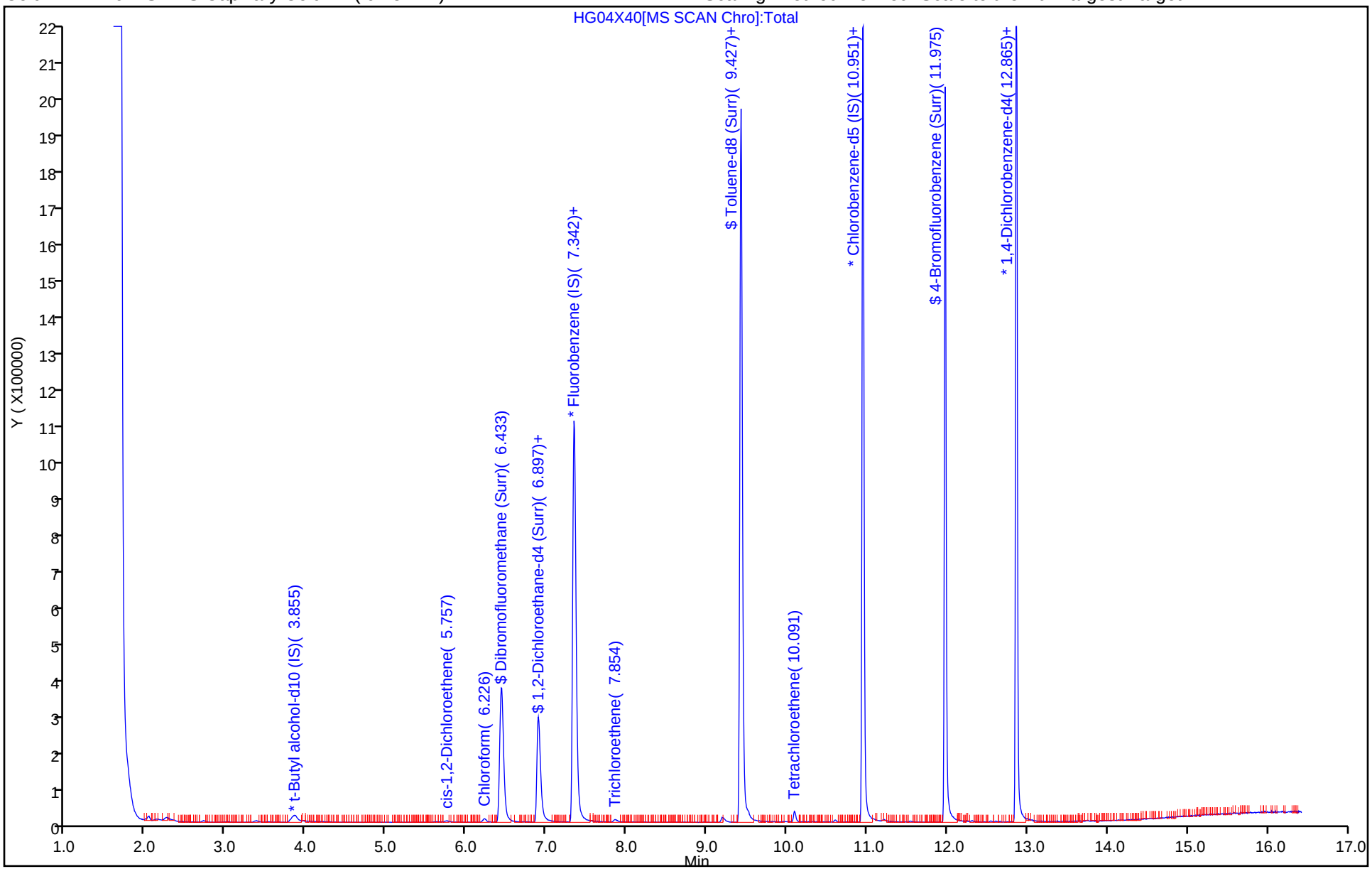
MSV_LLcentISS_00017 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 05-Aug-2025 11:41:10 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X40.D				
Injection Date:	04-Aug-2025 22:55:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	410-234794-A-4	Lab Sample ID:	410-234794-4	Worklist Smp#:	11
Client ID:	HD-COD-SW-9-0/1-0				
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\20250804-155489.b\HG04X40.D
Lims ID: 410-234794-A-4
Client ID: HD-COD-SW-9-0/1-0
Sample Type: Client
Inject. Date: 04-Aug-2025 22:55:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155489-011
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Aug-2025 11:41:09 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1601

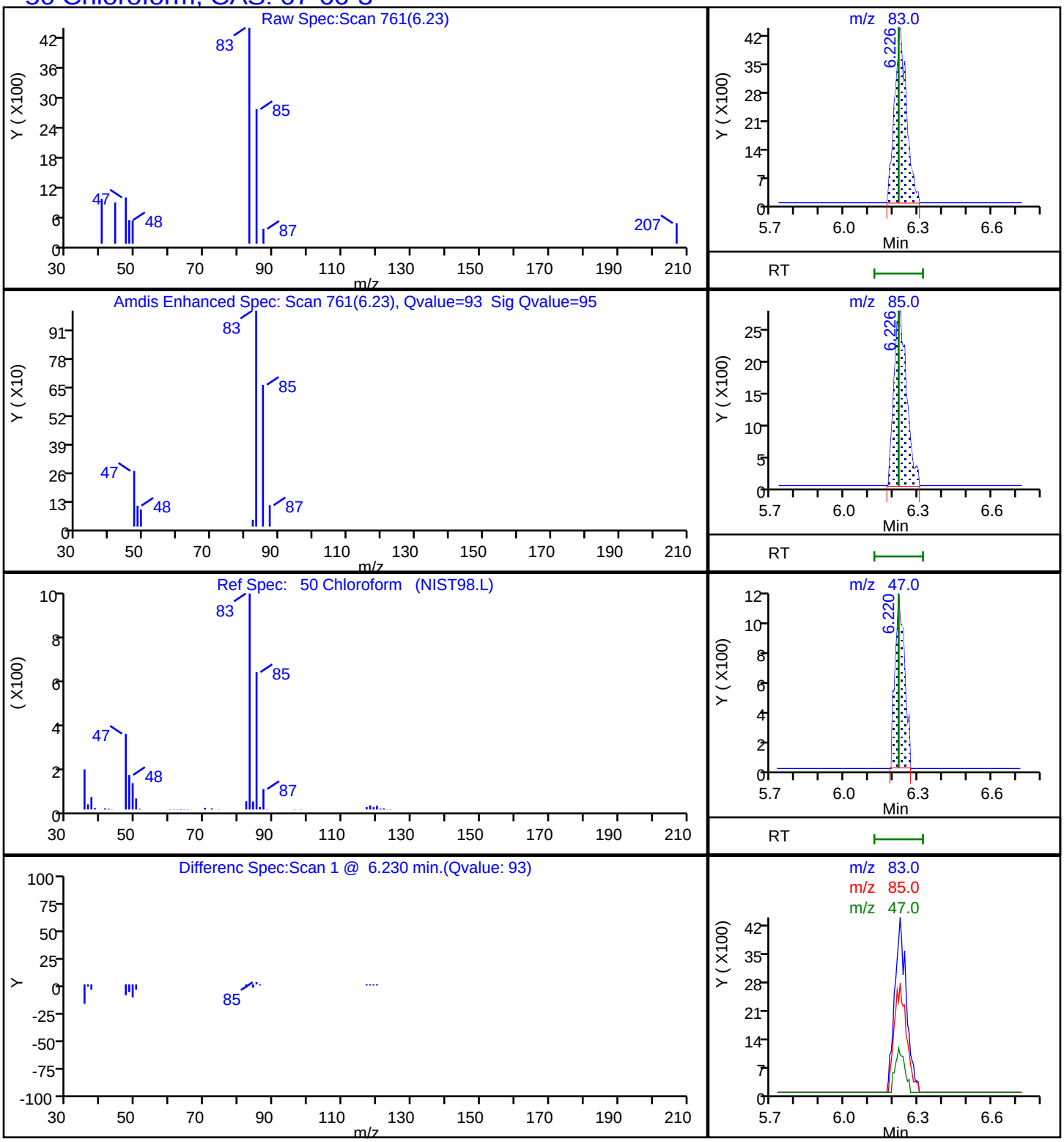
First Level Reviewer: N9NA Date: 05-Aug-2025 11:41:09

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	10.6	105.83
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.2	102.17
$ 83 Toluene-d8 (Surr)	10.0	9.32	93.24
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.77	97.66

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X40.D				
Injection Date:	04-Aug-2025 22:55:30	Instrument ID:	19094		
Lims ID:	410-234794-A-4	Lab Sample ID:	410-234794-4		
Client ID:	HD-COD-SW-9-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

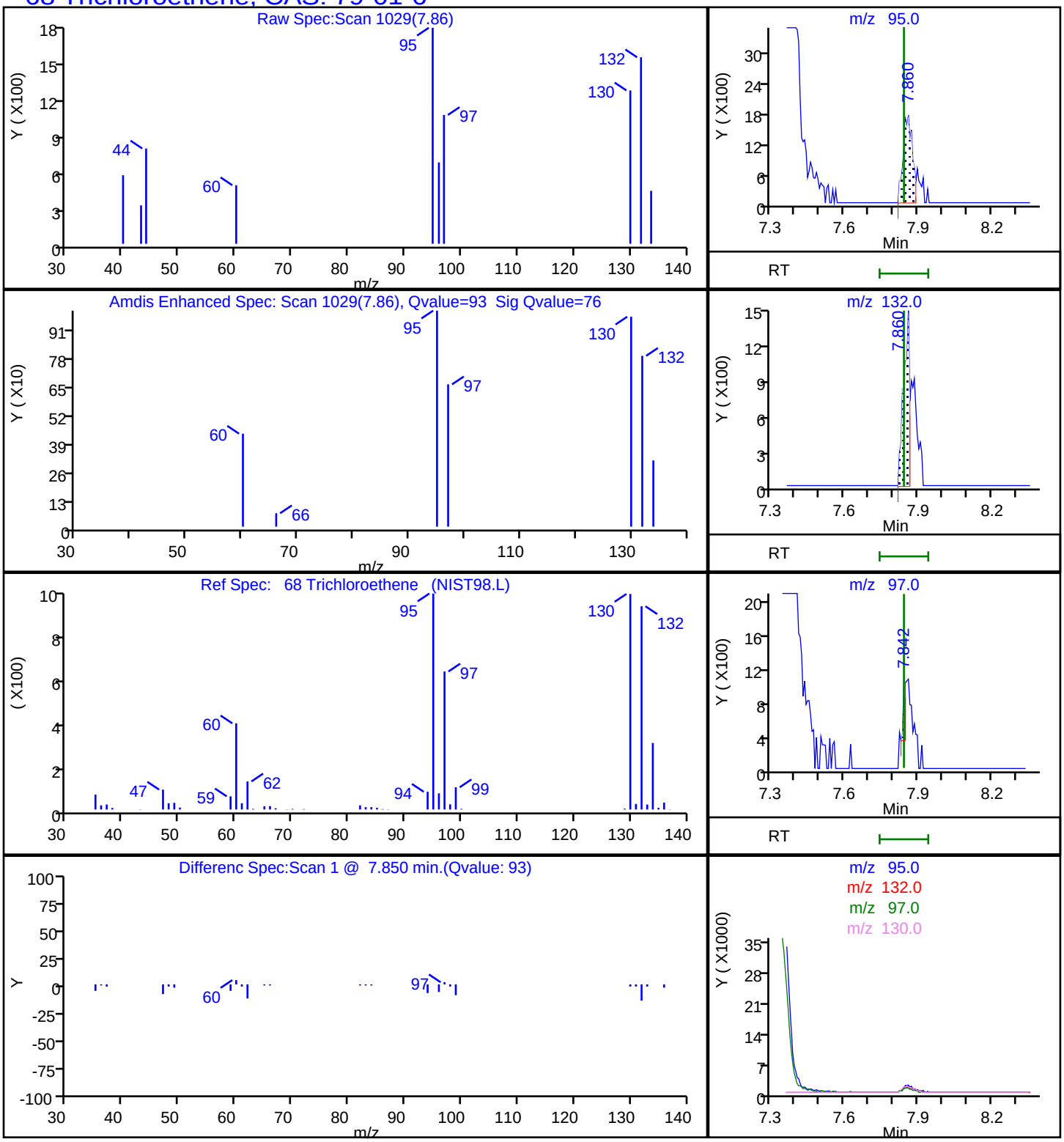
50 Chloroform, CAS: 67-66-3



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X40.D				
Injection Date:	04-Aug-2025 22:55:30	Instrument ID:	19094		
Lims ID:	410-234794-A-4	Lab Sample ID:	410-234794-4		
Client ID:	HD-COD-SW-9-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

68 Trichloroethene, CAS: 79-01-6



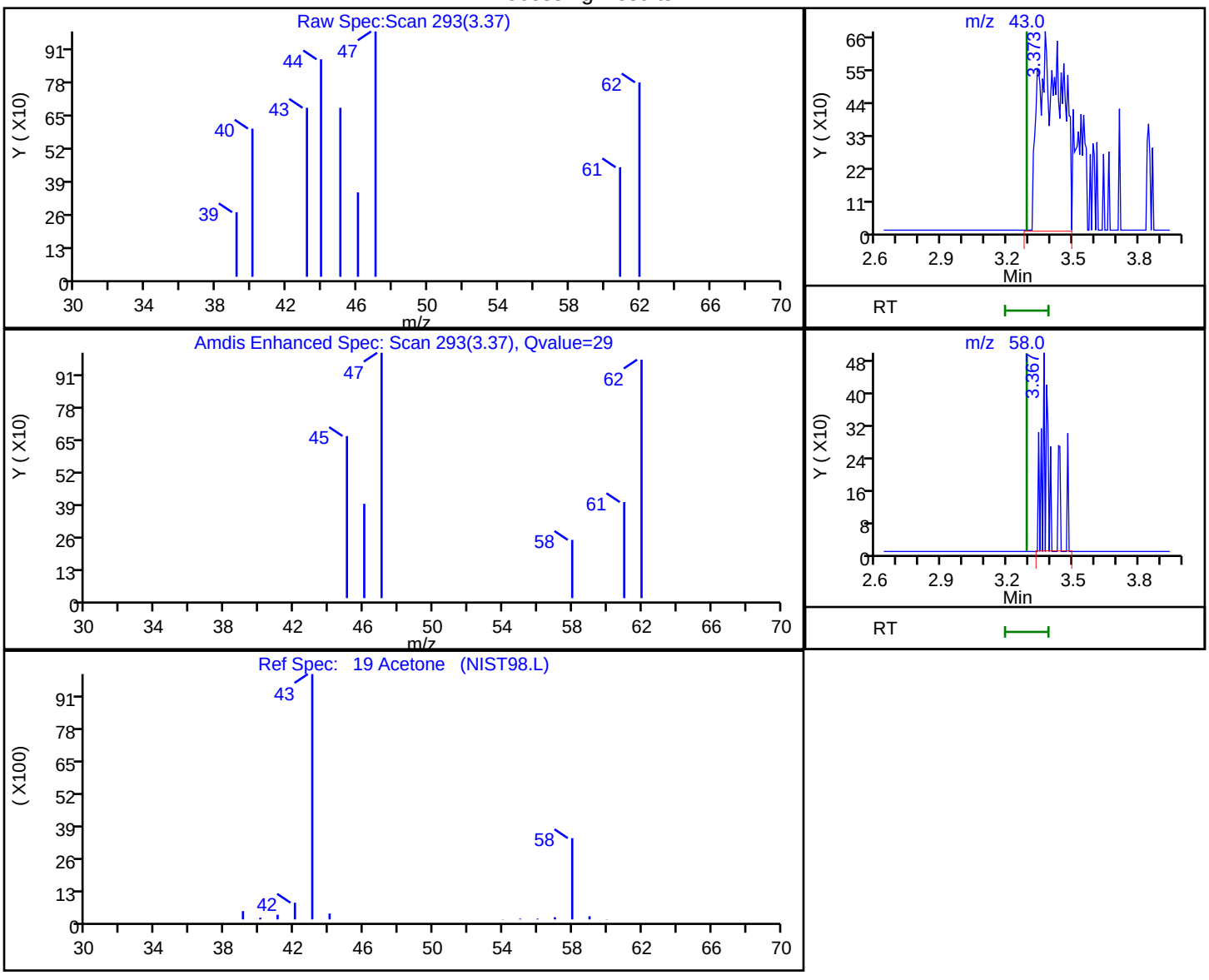
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X40.D				
Injection Date:	04-Aug-2025 22:55:30	Instrument ID:	19094		
Lims ID:	410-234794-A-4	Lab Sample ID:	410-234794-4		
Client ID:	HD-COD-SW-9-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

19 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
3.37	43.00	4946	0.764305
3.37	58.00	1067	

Reviewer: N9NA, 05-Aug-2025 11:40:12 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

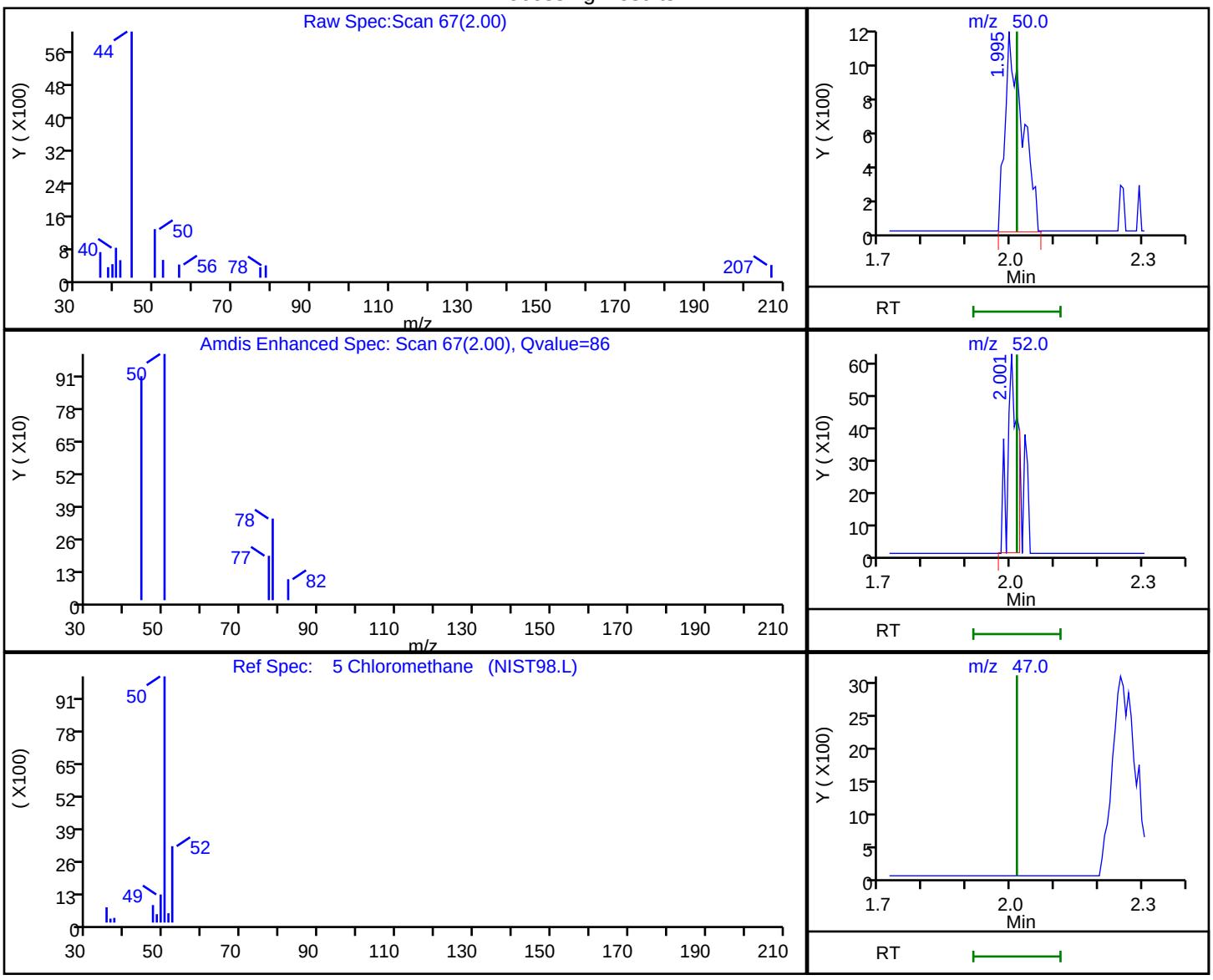
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X40.D				
Injection Date:	04-Aug-2025 22:55:30	Instrument ID:	19094		
Lims ID:	410-234794-A-4	Lab Sample ID:	410-234794-4		
Client ID:	HD-COD-SW-9-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

5 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
2.00	50.00	3308	0.047924
2.00	52.00	958	
2.01	47.00	0	

Reviewer: N9NA, 05-Aug-2025 11:39:56 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.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-13-0/1-0
Lab Sample ID: 410-234794-5

Matrix: Water
Lab File ID: HG04X41.D

Analysis Method: 8260D
Date Collected: 07/29/2025 07:25

Sample wt/vol: 25(mL)
Date Analyzed: 08/04/2025 23:16

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.: 680541
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	0.081	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	^c *+ cn	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	^c cn	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	0.12	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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-13-0/1-0
Lab Sample ID: 410-234794-5

Matrix: Water
Lab File ID: HG04X41.D

Analysis Method: 8260D
Date Collected: 07/29/2025 07:25

Sample wt/vol: 25(mL)
Date Analyzed: 08/04/2025 23:16

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.: 680541
Units: ug/L

Preparation Batch No.:
Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	1.1		0.50	0.20
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	0.13	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)	103		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	107		80-120
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X41.D
Lims ID: 410-234794-A-5
Client ID: HD-COD-SW-13-0/1-0
Sample Type: Client
Inject. Date: 04-Aug-2025 23:16:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155489-012
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Aug-2025 11:43:26 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: N9NA Date: 05-Aug-2025 11:43:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	2.020	2.013	0.007	90	2637	0.0392	
6 Vinyl chloride	62		2.123				ND	7
9 Bromomethane	94		2.398				ND	
10 Chloroethane	64		2.477				ND	
17 1,1-Dichloroethene	96		3.251				ND	
19 Acetone	43		3.288				ND	
23 Carbon disulfide	76		3.531				ND	7
27 Methylene Chloride	84		3.848				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.855	3.861	-0.006	95	91379	50.0	
32 Methyl tert-butyl ether	73		4.214				ND	
33 trans-1,2-Dichloroethene	96		4.233				ND	
36 1,1-Dichloroethane	63		4.885				ND	7
41 2-Butanone (MEK)	43		5.696				ND	
42 cis-1,2-Dichloroethene	96	5.763	5.732	0.031	81	5988	0.1246	M
48 Chlorobromomethane	128		6.068				ND	
50 Chloroform	83	6.220	6.220	0.000	89	6805	0.0859	
$ 52 Dibromofluoromethane (Surr)	113	6.440	6.446	-0.006	93	389682	10.7	
53 1,1,1-Trichloroethane	97	6.458	6.458	0.000	43	5985	0.0808	
56 Carbon tetrachloride	117		6.671				ND	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.909	6.903	0.006	72	67840	10.3	
59 Benzene	78		6.933				ND	7
60 1,2-Dichloroethane	62		7.006				ND	
* 64 Fluorobenzene (IS)	96	7.348	7.348	0.000	99	1569891	10.0	
68 Trichloroethene	95	7.866	7.842	0.024	93	6783	0.1332	M
70 1,2-Dichloropropane	63		8.177				ND	
76 Dichlorobromomethane	83		8.531				ND	
80 cis-1,3-Dichloropropene	75		9.097				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.280				ND	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	93	1692783	9.33	
84 Toluene	92	9.518	9.506	0.012	96	8263	0.0588	
85 trans-1,3-Dichloropropene	75		9.786				ND	
106 1,1,2-Trichloroethane	97		10.000				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.097	10.091	0.006	97	73560	1.11	
109 2-Hexanone	43		10.225				ND	7
111 Chlorodibromomethane	129		10.390				ND	
112 Ethylene Dibromide	107		10.506				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1304099	10.0	
115 Chlorobenzene	112		10.975				ND	
116 1,1,1,2-Tetrachloroethane	131		11.060				ND	
117 Ethylbenzene	91		11.067				ND	7
119 m-Xylene & p-Xylene	106		11.189				ND	7
S 118 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.518				ND	7
121 Styrene	104		11.536				ND	
122 Bromoform	173		11.695				ND	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	648106	9.89	
127 1,1,2,2-Tetrachloroethane	83		12.072				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	731078	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

MSV_LLcentISS_00017 Amount Added: 5.00 Units: uL Run Reagent

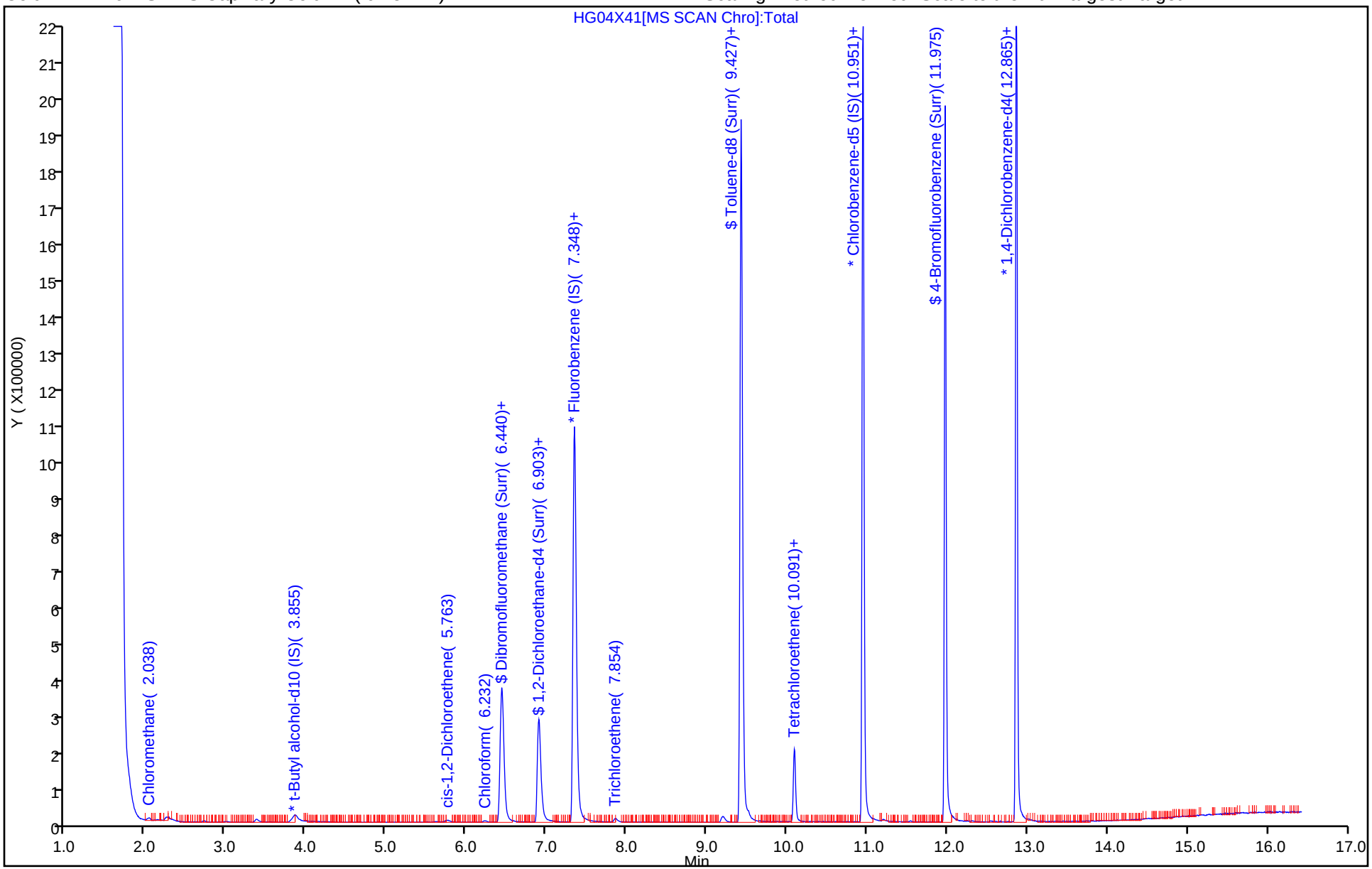
Report Date: 05-Aug-2025 11:43:30 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X41.D

Injection Date:	04-Aug-2025 23:16:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	410-234794-A-5	Lab Sample ID:	410-234794-5	Worklist Smp#:	12
Client ID:	HD-COD-SW-13-0/1-0				
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\20250804-155489.b\HG04X41.D				
Lims ID:	410-234794-A-5				
Client ID:	HD-COD-SW-13-0/1-0				
Sample Type:	Client				
Inject. Date:	04-Aug-2025 23:16:30	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0155489-012				
Operator ID:	gaw91131	Instrument ID:	19094		
Method:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\MSV_19094_25mL.m				
Limit Group:	MSV - 8260C_D				
Last Update:	05-Aug-2025 11:43:26	Calib Date:	10-Jul-2025 06:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1601				

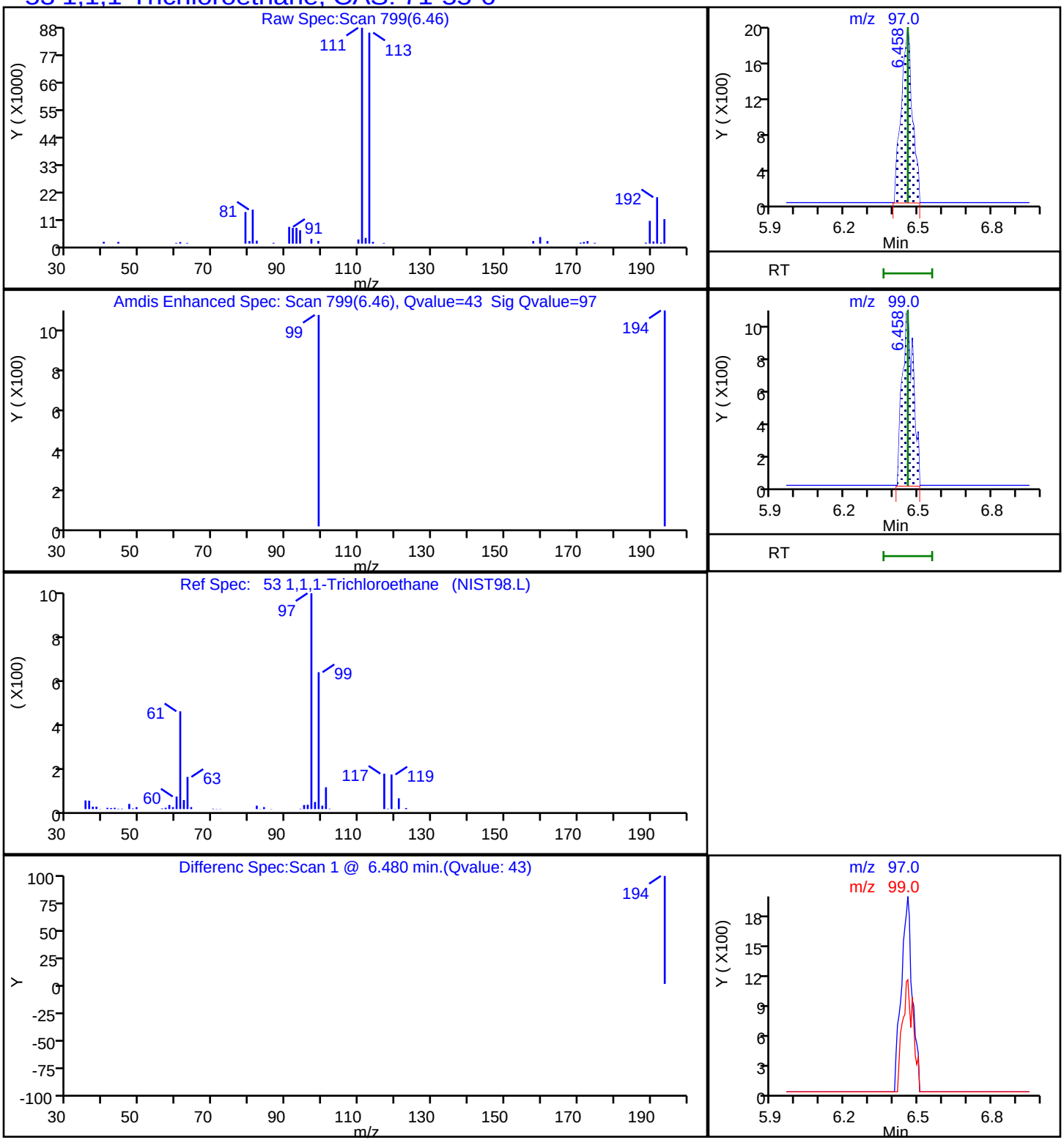
First Level Reviewer: N9NA Date: 05-Aug-2025 11:43:26

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	10.7	106.94
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.3	102.67
$ 83 Toluene-d8 (Surr)	10.0	9.33	93.31
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.89	98.93

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X41.D				
Injection Date:	04-Aug-2025 23:16:30	Instrument ID:	19094		
Lims ID:	410-234794-A-5	Lab Sample ID:	410-234794-5		
Client ID:	HD-COD-SW-13-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	11	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)	Detector	MS Quad		

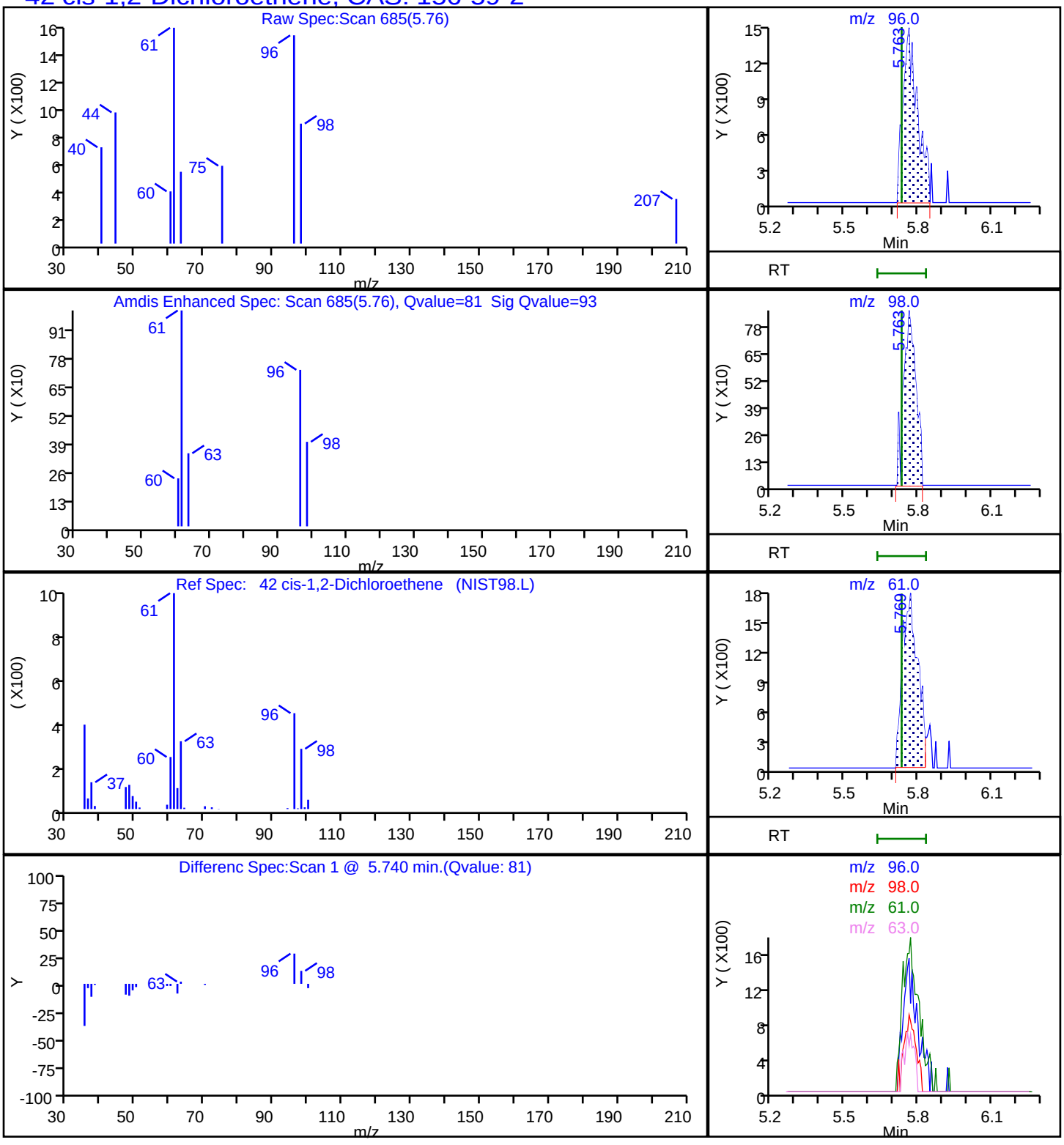
53 1,1,1-Trichloroethane, CAS: 71-55-6



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X41.D				
Injection Date:	04-Aug-2025 23:16:30	Instrument ID:	19094		
Lims ID:	410-234794-A-5	Lab Sample ID:	410-234794-5		
Client ID:	HD-COD-SW-13-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	11	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 (0.25 mm)	Detector	MS Quad		

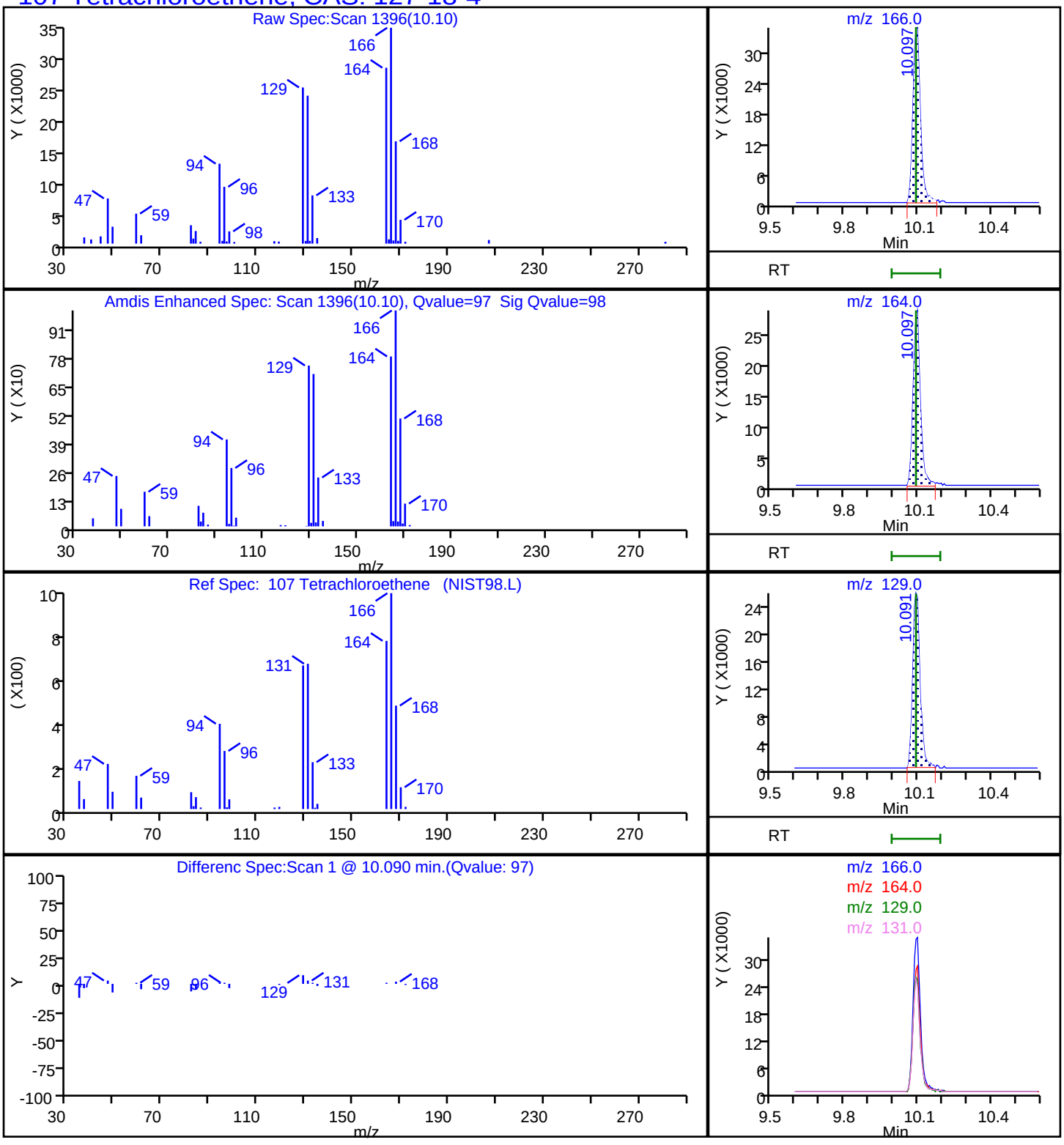
42 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X41.D				
Injection Date:	04-Aug-2025 23:16:30	Instrument ID:	19094		
Lims ID:	410-234794-A-5	Lab Sample ID:	410-234794-5		
Client ID:	HD-COD-SW-13-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	11	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 (0.25 mm)	Detector	MS Quad		

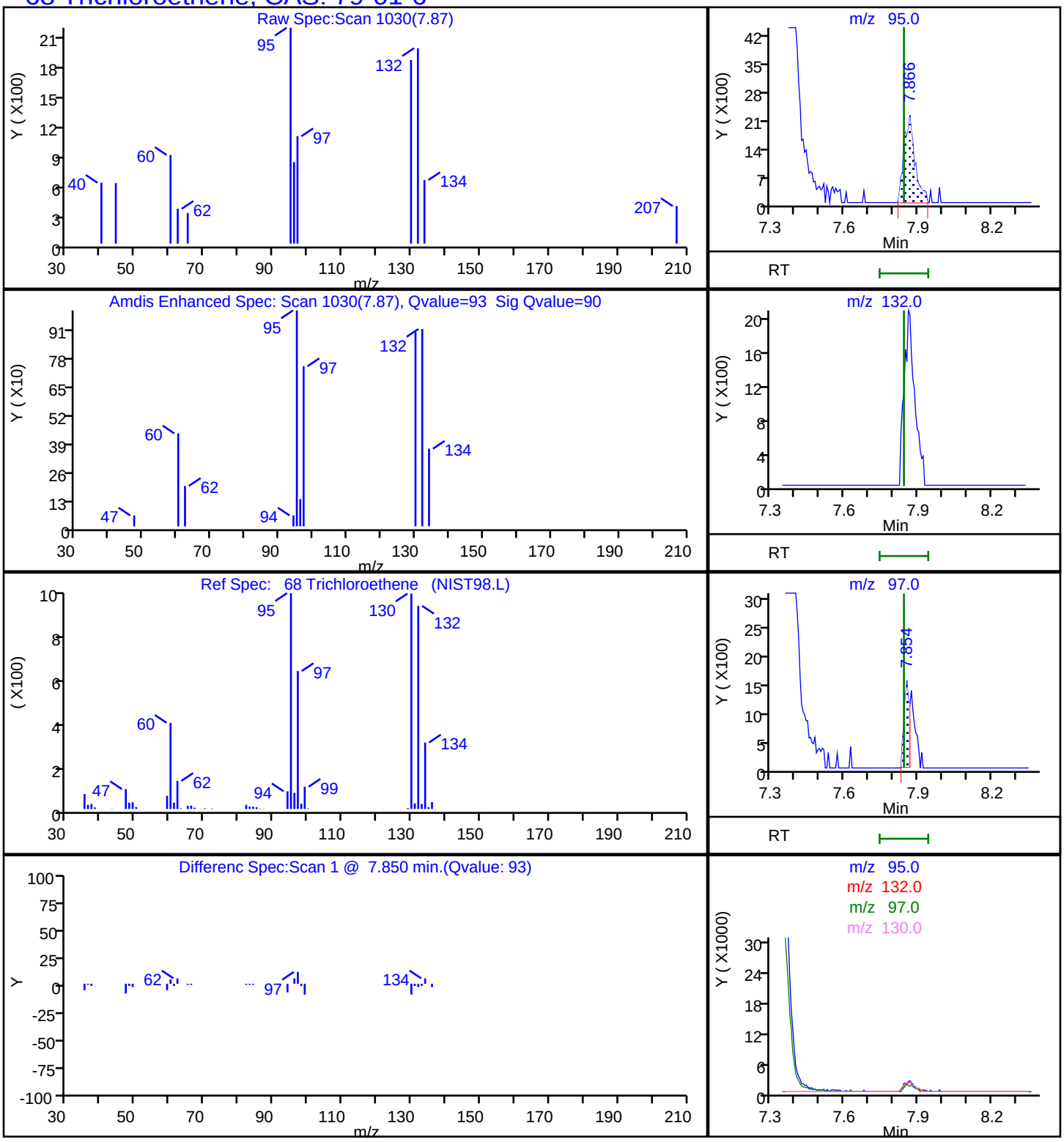
107 Tetrachloroethene, CAS: 127-18-4



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X41.D				
Injection Date:	04-Aug-2025 23:16:30	Instrument ID:	19094		
Lims ID:	410-234794-A-5	Lab Sample ID:	410-234794-5		
Client ID:	HD-COD-SW-13-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	11	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 (0.25 mm)	Detector	MS Quad		

68 Trichloroethene, CAS: 79-01-6



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

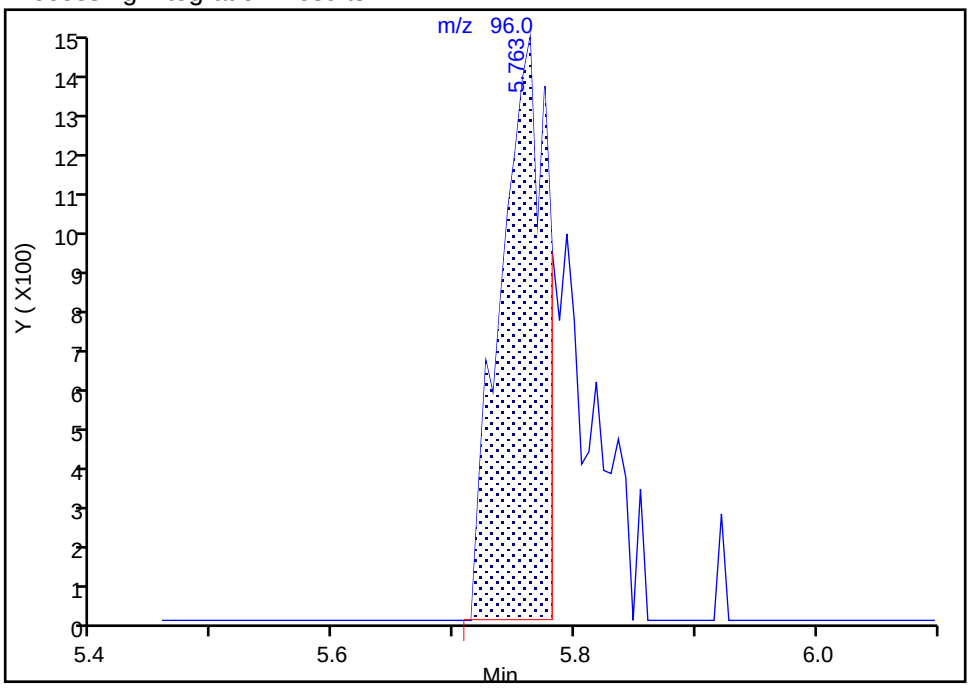
Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X41.D				
Injection Date:	04-Aug-2025 23:16:30	Instrument ID:	19094		
Lims ID:	410-234794-A-5	Lab Sample ID:	410-234794-5		
Client ID:	HD-COD-SW-13-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Signal: 1

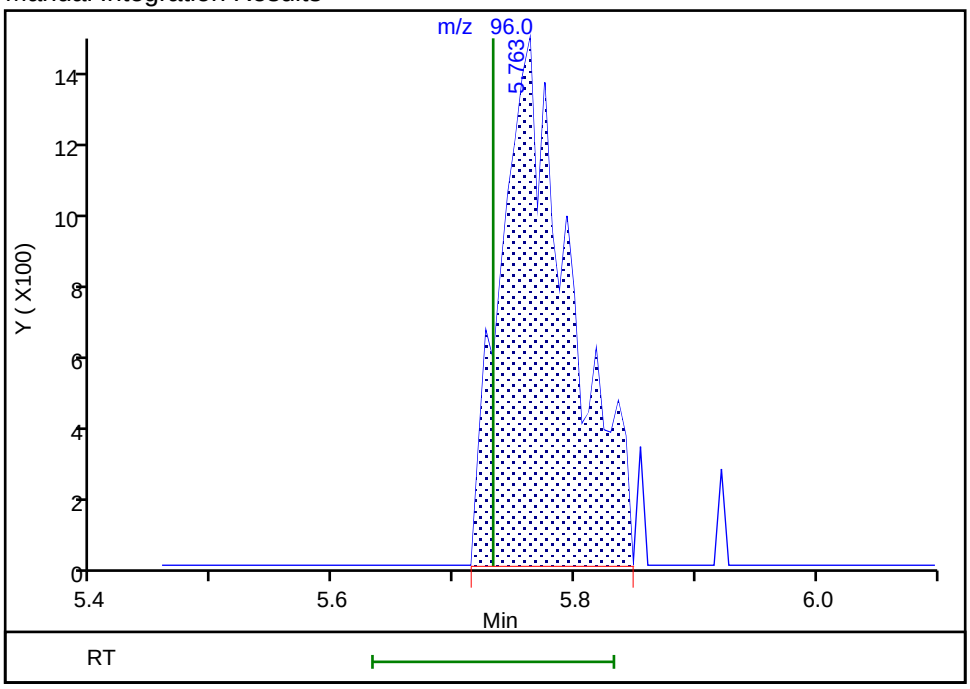
Processing Integration Results

RT: 5.76
Area: 3959
Amount: 0.082391
Amount Units: ug/l



Manual Integration Results

RT: 5.76
Area: 5988
Amount: 0.124616
Amount Units: ug/l



Reviewer: N9NA, 05-Aug-2025 11:42:14 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

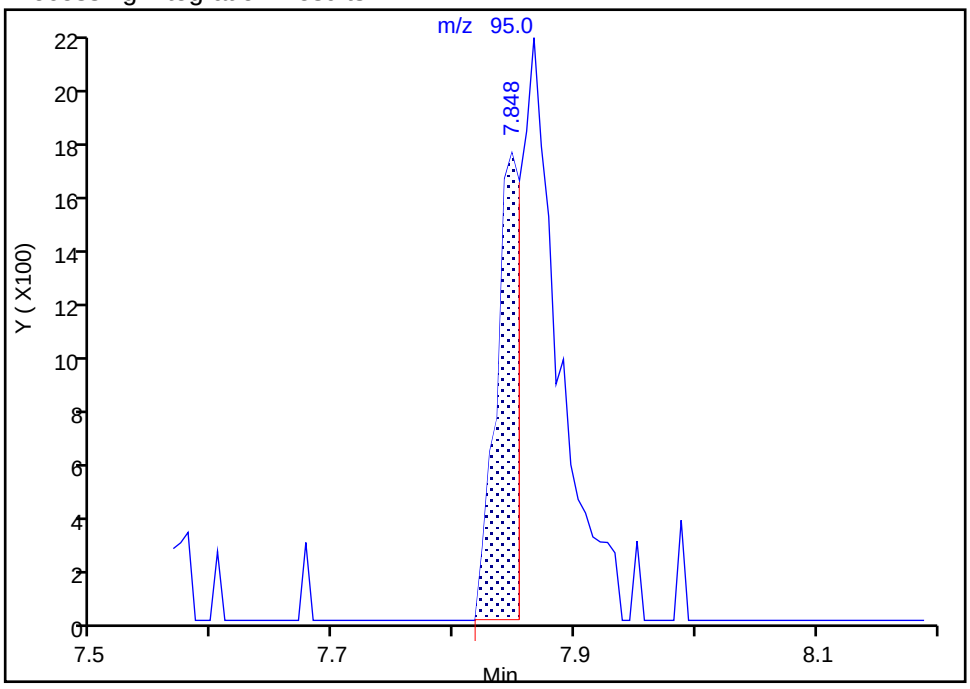
Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X41.D				
Injection Date:	04-Aug-2025 23:16:30	Instrument ID:	19094		
Lims ID:	410-234794-A-5	Lab Sample ID:	410-234794-5		
Client ID:	HD-COD-SW-13-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

68 Trichloroethene, CAS: 79-01-6

Signal: 1

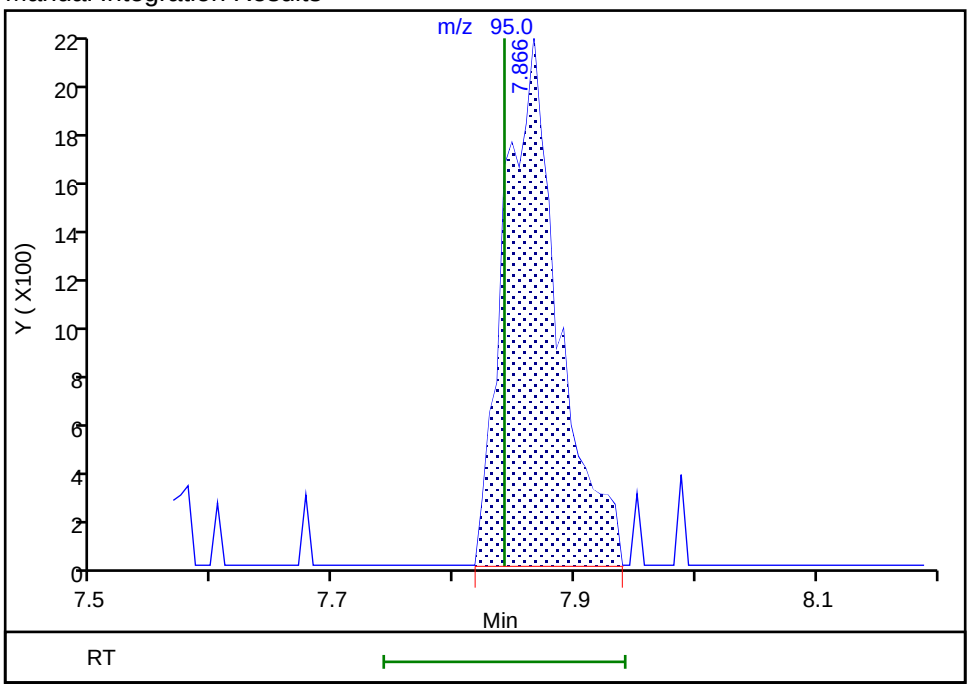
Processing Integration Results

RT: 7.85
Area: 2465
Amount: 0.048395
Amount Units: ug/l



Manual Integration Results

RT: 7.87
Area: 6783
Amount: 0.133168
Amount Units: ug/l



Reviewer: N9NA, 05-Aug-2025 11:43:14 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.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-15-0/1-0
Lab Sample ID: 410-234794-6

Matrix: Water
Lab File ID: HG05X40.D

Analysis Method: 8260D
Date Collected: 07/29/2025 09:30

Sample wt/vol: 25(mL)
Date Analyzed: 08/05/2025 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.: 681140
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	0.28	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	FH	0.50	0.10
75-35-4	1,1-Dichloroethene	0.17	J	0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	0.20	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	1.2		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	4.1		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-15-0/1-0
Lab Sample ID: 410-234794-6

Matrix: Water
Lab File ID: HG05X40.D

Analysis Method: 8260D
Date Collected: 07/29/2025 09:30

Sample wt/vol: 25(mL)
Date Analyzed: 08/05/2025 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.: 681140
Units: ug/L

Preparation Batch No.:
Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	ND		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.080
79-01-6	Trichloroethene	1.3		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)	103		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)	98		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X40.D
Lims ID: 410-234794-A-6
Client ID: HD-COD-SW-15-0/1-0
Sample Type: Client
Inject. Date: 05-Aug-2025 22:07:30 ALS Bottle#: 10 Worklist Smp#: 12
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155612-012
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 06-Aug-2025 10:03:47 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1671

First Level Reviewer: N9NA Date: 06-Aug-2025 10:03:47

	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		1.819				ND	
3	Chlorodifluoromethane	51		1.837				ND	7
4	Dimethyl ether	45		1.892				ND	
5	Chloromethane	50		2.008				ND	7
7	Butadiene	39		2.099				ND	7
6	Vinyl chloride	62		2.111				ND	
8	2-Chloro-1,1,1-Trifluoroethane	118		2.160				ND	
9	Bromomethane	94		2.392				ND	
10	Chloroethane	64		2.471				ND	
11	Dichlorofluoromethane	67		2.684				ND	7
12	Trichlorofluoromethane	101		2.690				ND	
14	Ethyl ether	59		2.965				ND	
15	1,2-Dichloro-1,1,2-trifluoroetha	67		3.032				ND	
13	Ethanol	45	3.020	3.111	-0.091	37	1245	NC	
16	Acrolein	56		3.117				ND	
17	1,1-Dichloroethene	96	3.257	3.245	0.012	97	8451	0.1663	
19	Acetone	43		3.276				ND	
20	1,1,2-Trichloro-1,2,2-trifluoroe	101		3.288				ND	
21	Iodomethane	142		3.422				ND	
T 18	Ethanol TIC	45		3.440				ND	7
22	Ethyl bromide	108		3.446				ND	
23	Carbon disulfide	76		3.526				ND	
24	Methyl acetate	43		3.660				ND	
26	3-Chloro-1-propene	41		3.678				ND	
25	Acetonitrile	41		3.696				ND	
27	Methylene Chloride	84		3.843				ND	
* 28	t-Butyl alcohol-d10 (IS)	65	3.855	3.855	0.000	97	84510	50.0	
29	2-Methyl-2-propanol	59		3.952				ND	
31	Acrylonitrile	53		4.178				ND	
32	Methyl tert-butyl ether	73		4.208				ND	7
T 30	Acetonitrile TIC	41		4.214				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
33 trans-1,2-Dichloroethene	96		4.233				ND	
34 Hexane	57		4.647				ND	
36 1,1-Dichloroethane	63	4.891	4.879	0.012	88	10593	0.0974	
35 Vinyl acetate	43		4.885				ND	
37 Isopropyl ether	45		4.946				ND	
38 2-Chloro-1,3-butadiene	53		4.989				ND	
40 Tert-butyl ethyl ether	59		5.489				ND	
T 39 Vinyl acetate (TIC)	43		5.537				ND	
41 2-Butanone (MEK)	43		5.690				ND	
42 cis-1,2-Dichloroethene	96	5.751	5.726	0.025	80	71503	1.17	
43 2,2-Dichloropropane	77		5.739				ND	
44 Propionitrile	54		5.775				ND	
45 Ethyl acetate	43		5.793				ND	
47 Methacrylonitrile	67		5.988				ND	
48 Chlorobromomethane	128		6.062				ND	
49 Tetrahydrofuran	71		6.080				ND	
S 46 1,2-Dichloroethene, Total	100				0		1.17	
50 Chloroform	83	6.232	6.220	0.012	93	20152	0.1994	
$ 52 Dibromofluoromethane (Surr)	113	6.440	6.440	0.000	94	471045	10.1	
53 1,1,1-Trichloroethane	97	6.452	6.452	0.000	38	26083	0.2761	
51 Methyl acrylate	55		6.482				ND	
54 Cyclohexane	56		6.555				ND	
55 1,1-Dichloropropene	75		6.671				ND	
56 Carbon tetrachloride	117		6.671				ND	7
57 Isobutyl alcohol	41		6.824				ND	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.897	0.006	74	86803	10.3	
59 Benzene	78		6.933				ND	7
60 1,2-Dichloroethane	62		7.007				ND	
61 Isopropyl acetate	43		7.031				ND	
63 Tert-amyl methyl ether	73		7.135				ND	
62 1-Chlorobutane	56	7.336	7.250	0.086	1	4526	NC	
* 64 Fluorobenzene (IS)	96	7.348	7.348	0.000	99	2001354	10.0	
65 n-Heptane	43		7.372				ND	
67 n-Butanol	56		7.732				ND	
68 Trichloroethene	95	7.848	7.836	0.012	98	82426	1.27	
66 t-Amyl alcohol	73		7.842				ND	
69 Methylcyclohexane	83		8.153				ND	
70 1,2-Dichloropropane	63		8.171				ND	
71 2-ethoxy-2-methyl butane	87		8.195				ND	
72 Methyl methacrylate	69		8.275				ND	
73 1,4-Dioxane	88		8.275				ND	
74 Dibromomethane	93		8.287				ND	
75 n-Propyl acetate	61		8.366				ND	
76 Dichlorobromomethane	83		8.525				ND	
77 2-Nitropropane	41		8.793				ND	
78 2-Chloroethyl vinyl ether	63		8.908				ND	U
79 1-Bromo-2-chloroethane	63		8.927				ND	7
80 cis-1,3-Dichloropropene	75		9.098				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.281				ND	
81 Chloroacetonitrile	75		9.427				ND	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	2024652	9.76	
84 Toluene	92		9.506				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75		9.787				ND	
104 Ethyl methacrylate	69		9.860				ND	
106 1,1,2-Trichloroethane	97		10.000				ND	7
T 97 2,3-Dibromopropene TIC	119	10.091	10.000	0.091	1	2384	0.0119	7
T 98 2-Chloroethanol TIC	44		10.000				ND	
T 99 Isopropyl alcohol TIC	45	9.439	10.000	-0.561	15	1432	0.007155	7
T 86 Decamethylcyclopentasiloxane TIC	73	9.421	10.000	-0.579	1	705	0.003523	7
T 101 Vinyl bromide TIC	106	11.225	10.000	1.225	1	637	0.003183	7
T 102 Epichlorohydrin TIC	57		10.000				ND	
T 103 2-Bromoethanol TIC	45		10.000				ND	
T 95 Chloroacetaldehyde TIC	50		10.000				ND	
T 96 Monochloroacetic acid TIC	50	9.488	10.000	-0.512	1	252	0.001259	7
T 93 Methyl acrylate TIC	55	9.427	10.000	-0.573	4	7239	0.0362	
T 94 Hexachloroethane TIC	117	10.085	10.000	0.085	11	2515	0.0126	7
T 91 Octamethylcyclotetrasiloxane TIC	281	9.963	10.000	-0.037	1	247	0.001234	7
T 90 3-Chloro-1,2-propanediol TIC	44		10.000				ND	
T 89 Epibromohydrin TIC	57		10.000				ND	
T 88 2-Bromo-3-chloropropene TIC	75	10.951	10.000	0.951	4	22098	0.1104	7
T 87 2,3-Dibromo-1-propanol TIC	57		10.000				ND	
T 100 Ethylene oxide TIC	44	10.201	10.000	0.201	27	798	0.003987	7
T 92 Nitrobenzene TIC	77	9.427	10.000	-0.573	14	1003	0.005012	7
S 105 1,3-Dichloropropene, Total	100		10.060				ND	7
107 Tetrachloroethene	166	10.091	10.091	0.000	97	314902	4.15	
108 1,3-Dichloropropane	76		10.164				ND	
109 2-Hexanone	43		10.225				ND	
110 n-Butyl acetate	43		10.359				ND	
111 Chlorodibromomethane	129		10.390				ND	
112 Ethylene Dibromide	107		10.506				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1490980	10.0	
114 1-Chlorohexane	91		10.963				ND	7
115 Chlorobenzene	112		10.975				ND	
116 1,1,1,2-Tetrachloroethane	131		11.061				ND	
117 Ethylbenzene	91		11.067				ND	7
119 m-Xylene & p-Xylene	106		11.189				ND	7
S 118 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.518				ND	
121 Styrene	104		11.536				ND	
122 Bromoform	173		11.695				ND	
123 Isopropylbenzene	105		11.829				ND	
124 cis-1,4-Dichloro-2-butene	88		11.871				ND	
125 Cyclohexanone	55		11.902				ND	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	727350	9.71	
127 1,1,2,2-Tetrachloroethane	83		12.079				ND	
128 Bromobenzene	156		12.091				ND	
129 trans-1,4-Dichloro-2-butene	53		12.103				ND	
130 1,2,3-Trichloropropane	110		12.121				ND	
131 N-Propylbenzene	91		12.164				ND	
132 2-Chlorotoluene	126		12.237				ND	
133 1,3,5-Trimethylbenzene	105		12.304				ND	
134 4-Chlorotoluene	126		12.329				ND	
135 tert-Butylbenzene	134		12.542				ND	
136 Pentachloroethane	167		12.573				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
137 1,2,4-Trimethylbenzene	105		12.585				ND	7
138 sec-Butylbenzene	105		12.707				ND	7
139 1,3-Dichlorobenzene	146		12.804				ND	7
140 4-Isopropyltoluene	119		12.816				ND	7
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	813733	10.0	
142 1,4-Dichlorobenzene	146		12.883				ND	7
143 1,2,3-Trimethylbenzene	120		12.890				ND	7
144 Benzyl chloride	126		12.957				ND	
145 p-Diethylbenzene	119		13.091				ND	
146 n-Butylbenzene	92		13.115				ND	
147 1,2-Dichlorobenzene	146		13.140				ND	
148 Hexachloroethane	201		13.682				ND	
149 1,2-Dibromo-3-Chloropropane	155		13.688				ND	
150 1,3,5-Trichlorobenzene	180		13.816				ND	
151 1,2,4-Trichlorobenzene	180		14.237				ND	
152 Hexachlorobutadiene	225		14.322				ND	
153 Naphthalene	128		14.414				ND	
154 1,2,3-Trichlorobenzene	180		14.554				ND	7
155 tert-Butyl Formate	1		0.000				ND	
156 Dodecane	57		0.000				ND	
157 Pentane	43		0.000				ND	
158 1,1-Dichloroacetone	1		0.000				ND	
159 n-Decane	57		0.000				ND	
160 1-Bromo-3-Chloropropane	1		0.000				ND	
161 1-Chloropropane	1		0.000				ND	
162 Propene oxide	1		0.000				ND	
163 1,1-Dichloro-1-fluoroethane	1		0.000				ND	
164 Methylal	1		0.000				ND	
165 2-Bromo-1-chloropropane	1		0.000				ND	
209 1,1-Dichloro-1-fluoroethane TIC	1		0.000				ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

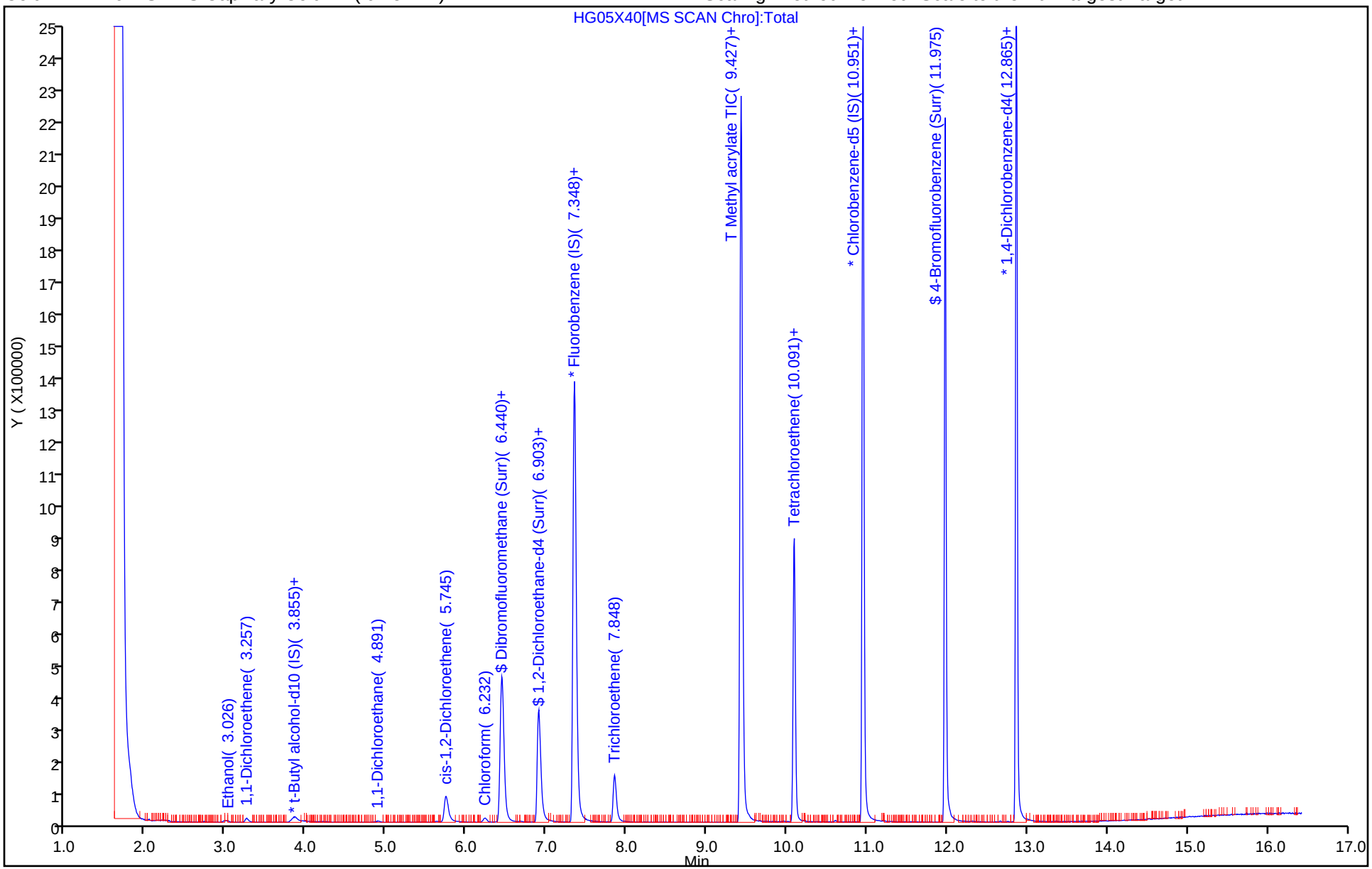
MSV_LLcentISS_00017 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 06-Aug-2025 10:03:48 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X40.D				
Injection Date:	05-Aug-2025 22:07:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	410-234794-A-6	Lab Sample ID:	410-234794-6	Worklist Smp#:	12
Client ID:	HD-COD-SW-15-0/1-0				
Purge Vol:	25.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X40.D				
Lims ID:	410-234794-A-6				
Client ID:	HD-COD-SW-15-0/1-0				
Sample Type:	Client				
Inject. Date:	05-Aug-2025 22:07:30	ALS Bottle#:	10	Worklist Smp#:	12
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0155612-012				
Operator ID:	gaw91131	Instrument ID:	19094		
Method:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m				
Limit Group:	MSV - 8260C_D				
Last Update:	06-Aug-2025 10:03:47	Calib Date:	10-Jul-2025 06:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1671				

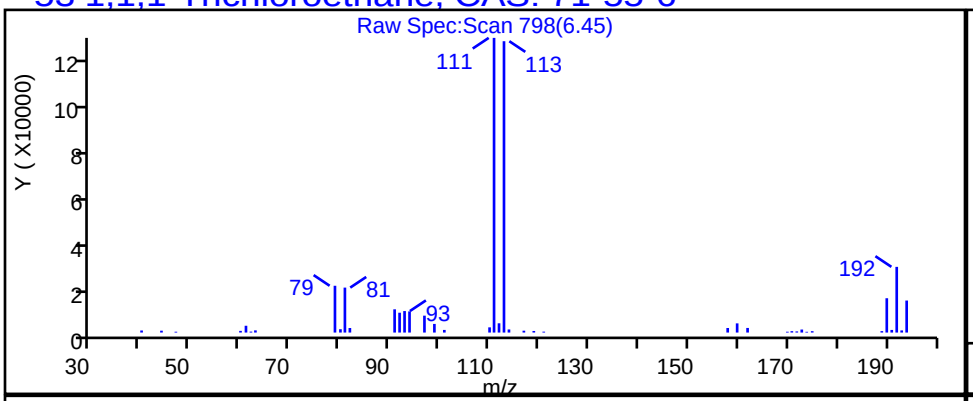
First Level Reviewer: N9NA Date: 06-Aug-2025 10:03:47

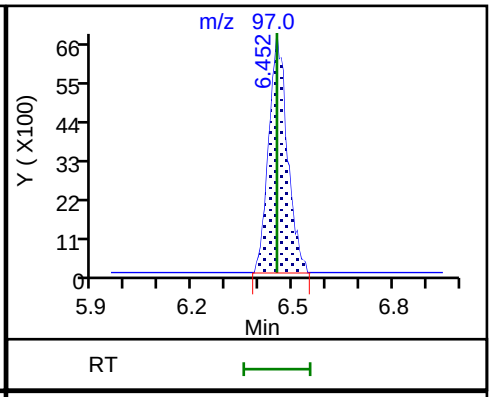
Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	10.1	101.40
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.3	103.05
$ 83 Toluene-d8 (Surr)	10.0	9.76	97.61
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.71	97.11

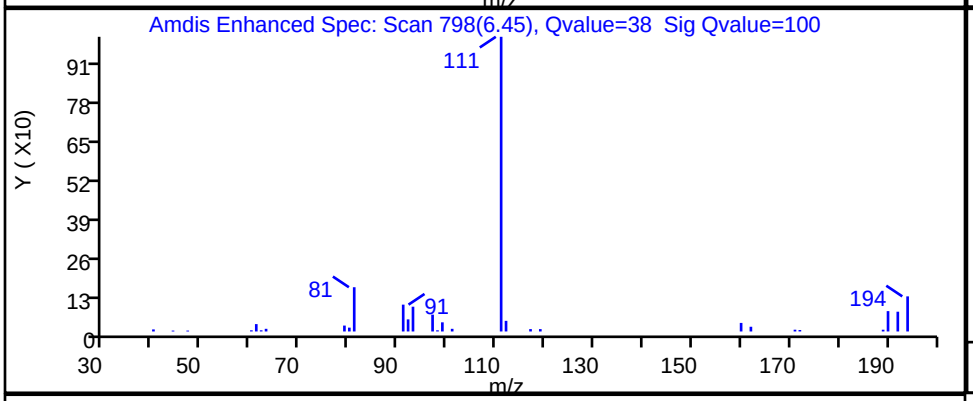
Eurofins Lancaster Laboratories Environment Testing, LLC

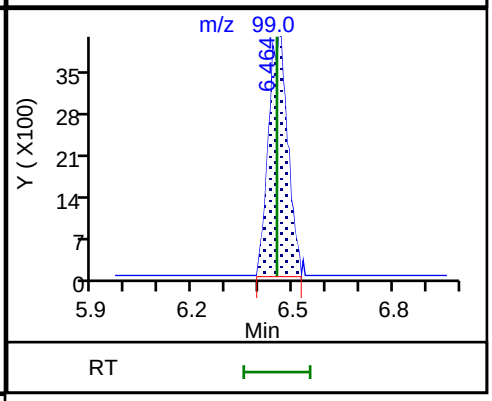
Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X40.D				
Injection Date:	05-Aug-2025 22:07:30	Instrument ID:	19094		
Lims ID:	410-234794-A-6	Lab Sample ID:	410-234794-6		
Client ID:	HD-COD-SW-15-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	10	Worklist Smp#:	12
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

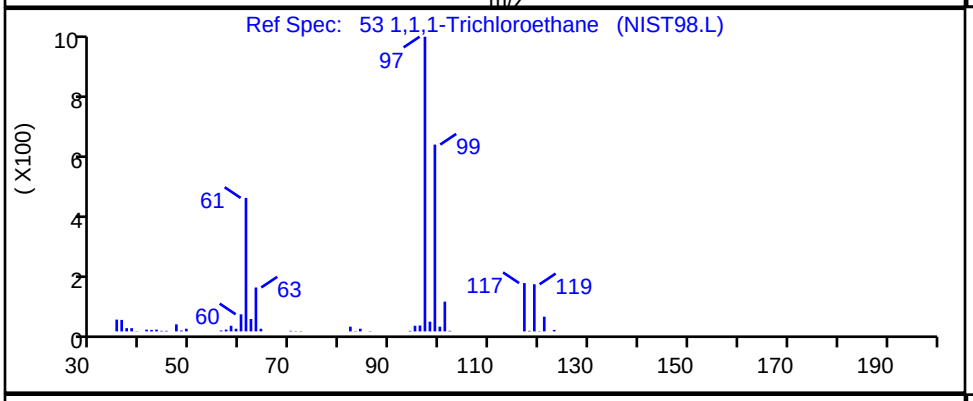
53 1,1,1-Trichloroethane, CAS: 71-55-6

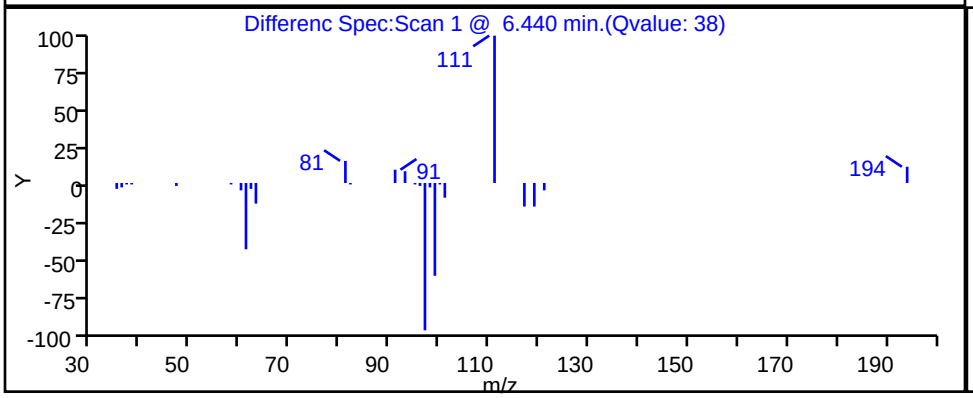


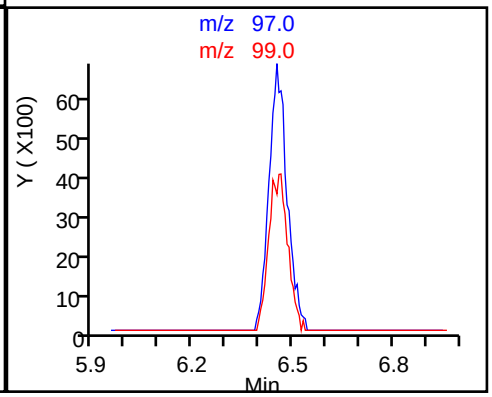








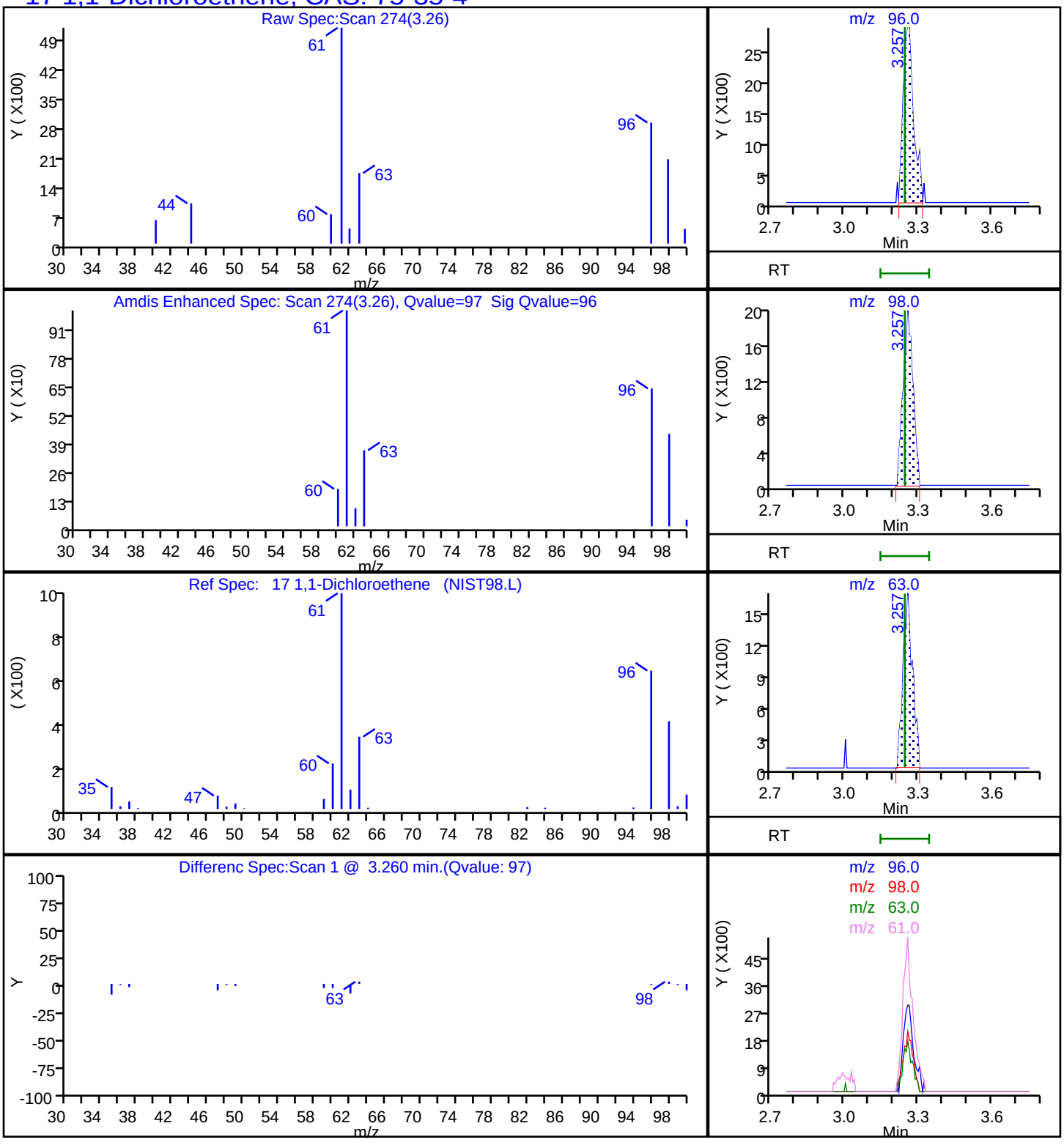




Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X40.D				
Injection Date:	05-Aug-2025 22:07:30	Instrument ID:	19094		
Lims ID:	410-234794-A-6	Lab Sample ID:	410-234794-6		
Client ID:	HD-COD-SW-15-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	10	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 (0.25 mm)	Detector	MS Quad		

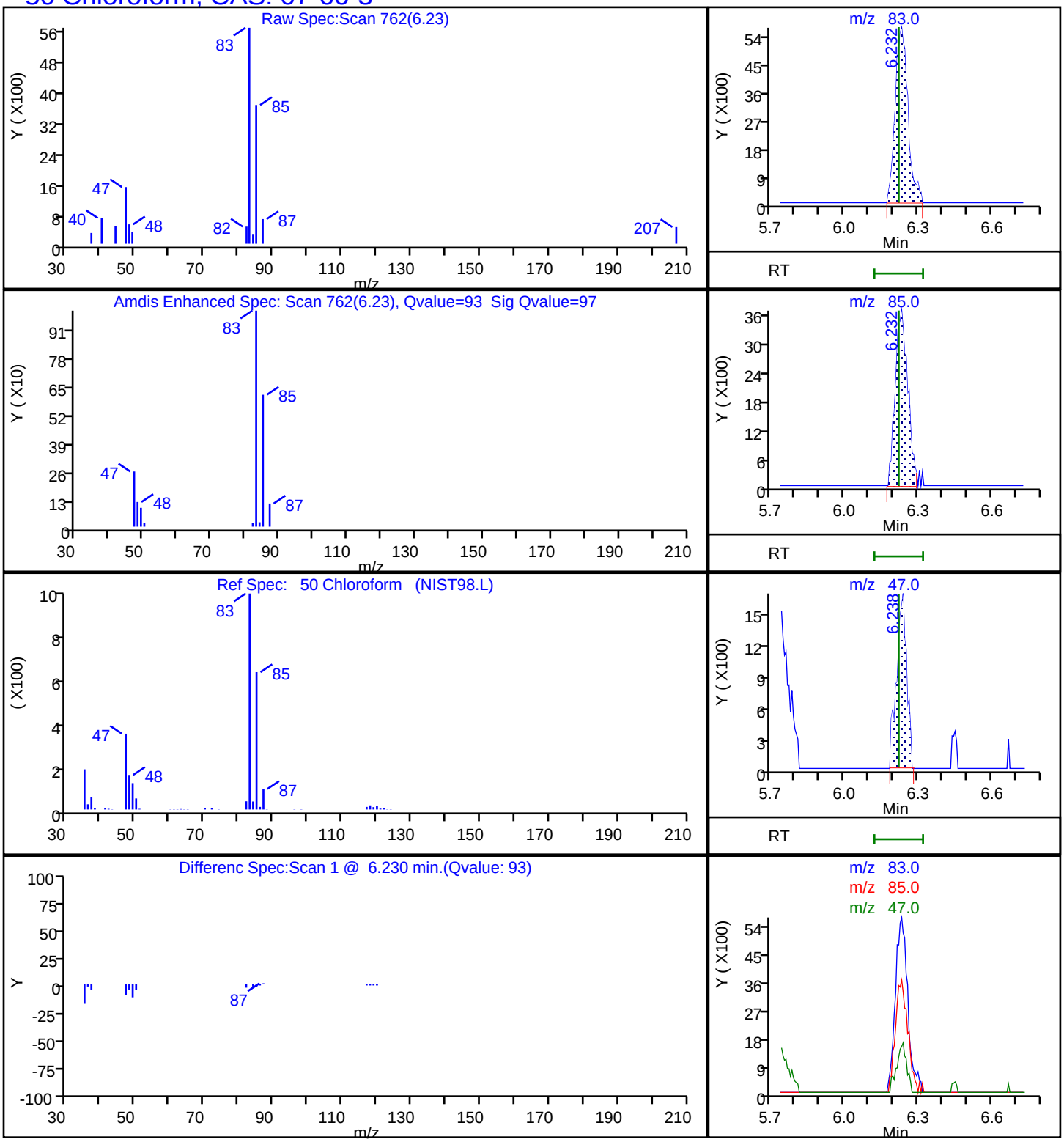
17 1,1-Dichloroethene, CAS: 75-35-4



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X40.D				
Injection Date:	05-Aug-2025 22:07:30	Instrument ID:	19094		
Lims ID:	410-234794-A-6	Lab Sample ID:	410-234794-6		
Client ID:	HD-COD-SW-15-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	10	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 (0.25 mm)	Detector	MS Quad		

50 Chloroform, CAS: 67-66-3

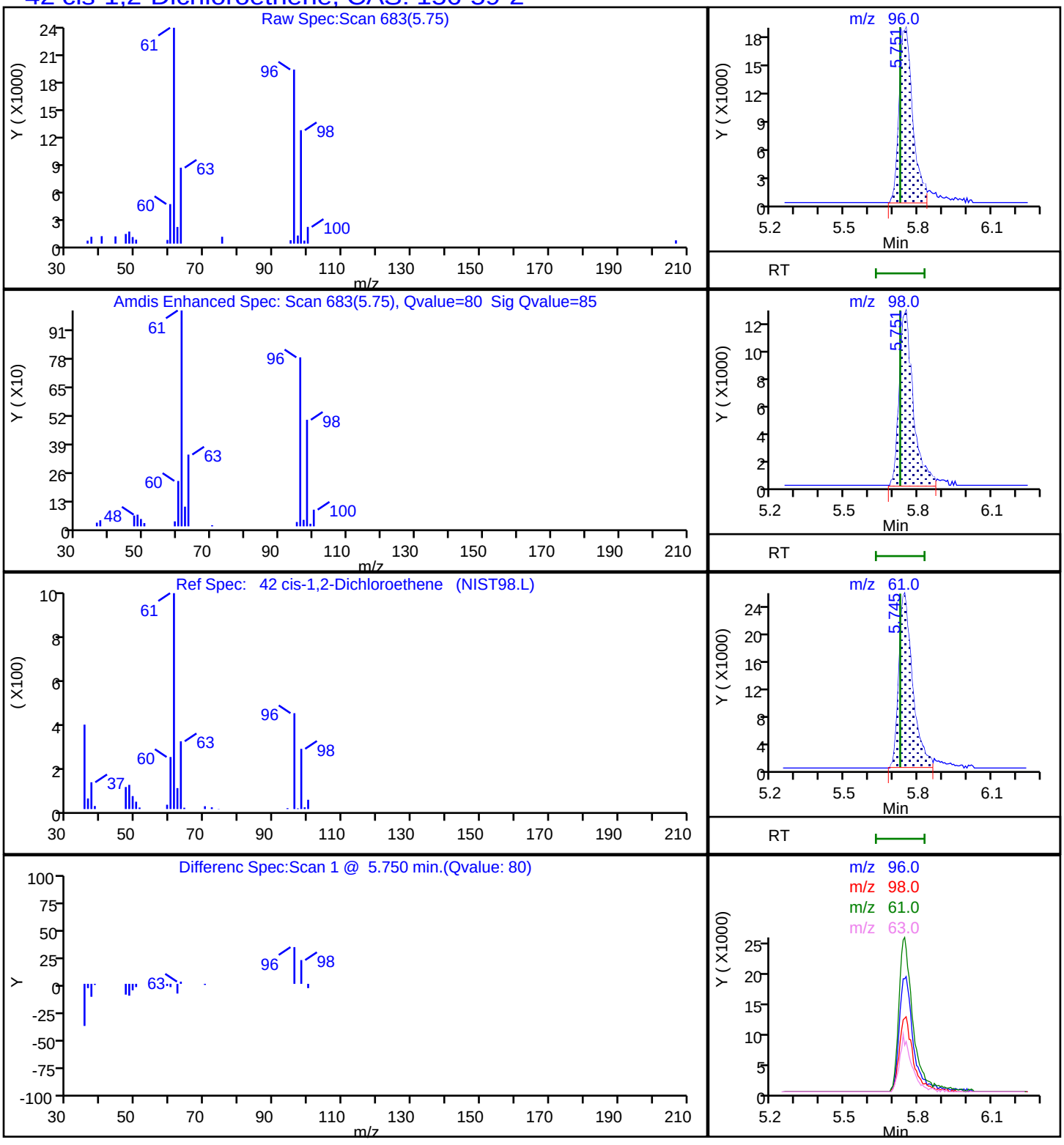


Report Date: 06-Aug-2025 10:03:48 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X40.D				
Injection Date:	05-Aug-2025 22:07:30	Instrument ID:	19094		
Lims ID:	410-234794-A-6	Lab Sample ID:	410-234794-6		
Client ID:	HD-COD-SW-15-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	10	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 (0.25 mm)	Detector	MS Quad		

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

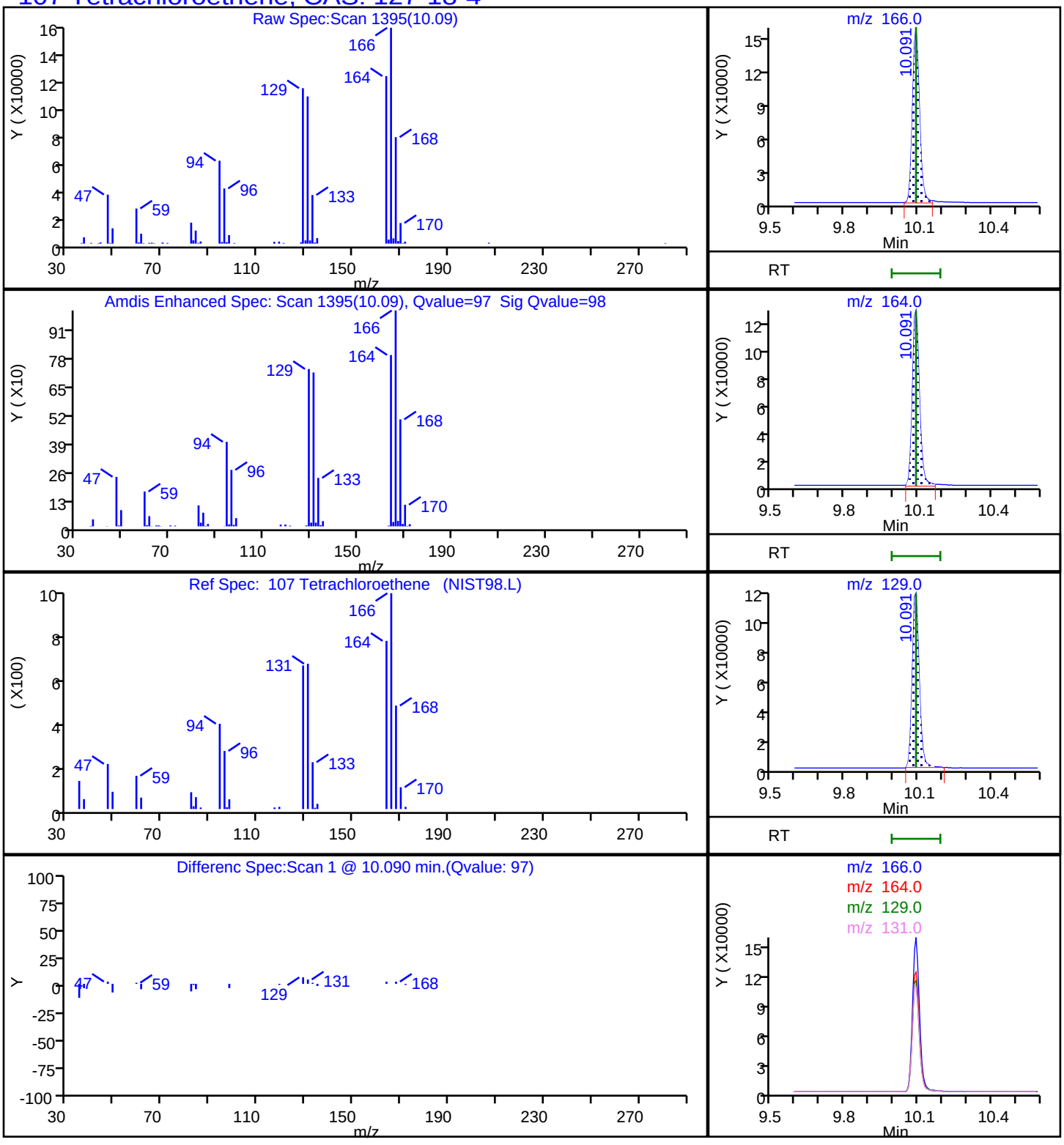


Report Date: 06-Aug-2025 10:03:49 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X40.D				
Injection Date:	05-Aug-2025 22:07:30	Instrument ID:	19094		
Lims ID:	410-234794-A-6	Lab Sample ID:	410-234794-6		
Client ID:	HD-COD-SW-15-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	10	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)	Detector	MS Quad		

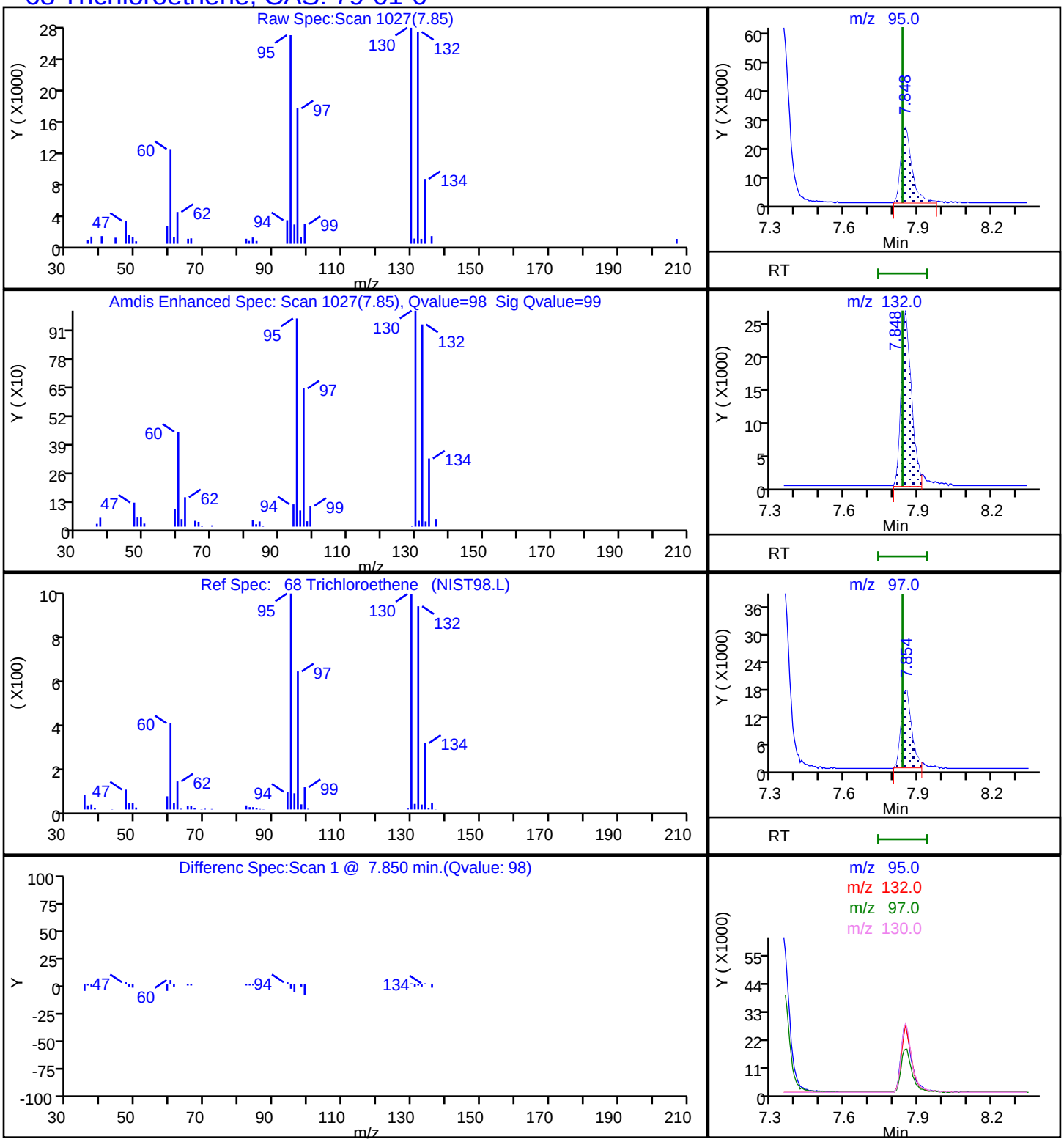
107 Tetrachloroethene, CAS: 127-18-4



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X40.D				
Injection Date:	05-Aug-2025 22:07:30	Instrument ID:	19094		
Lims ID:	410-234794-A-6	Lab Sample ID:	410-234794-6		
Client ID:	HD-COD-SW-15-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	10	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 (0.25 mm)	Detector	MS Quad		

68 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-16-0/1-0
Lab Sample ID: 410-234794-7

Matrix: Water
Lab File ID: HG05X43.D

Analysis Method: 8260D
Date Collected: 07/29/2025 07:48

Sample wt/vol: 25(mL)
Date Analyzed: 08/05/2025 23:09

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.: 681140
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	0.14	J	0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10
79-00-5	1,1,2-Trichloroethane	ND		0.50	0.080
75-34-3	1,1-Dichloroethane	ND		0.50	0.10
75-35-4	1,1-Dichloroethene	ND		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	ND		0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	0.12	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	2.3		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-16-0/1-0
Lab Sample ID: 410-234794-7

Matrix: Water
Lab File ID: HG05X43.D

Analysis Method: 8260D
Date Collected: 07/29/2025 07:48

Sample wt/vol: 25(mL)
Date Analyzed: 08/05/2025 23:09

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.: 681140
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	0.14	J	0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	99		80-120
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X43.D
Lims ID: 410-234794-A-7
Client ID: HD-COD-SW-16-0/1-0
Sample Type: Client
Inject. Date: 05-Aug-2025 23:09:30 ALS Bottle#: 13 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155612-015
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 06-Aug-2025 11:24:40 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1671

First Level Reviewer: N9NA Date: 06-Aug-2025 11:24:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	2.014	2.008	0.006	94	2745	0.0323	
6 Vinyl chloride	62		2.111				ND	7
9 Bromomethane	94		2.392				ND	
10 Chloroethane	64		2.471				ND	
17 1,1-Dichloroethene	96		3.245				ND	7
19 Acetone	43		3.276				ND	
23 Carbon disulfide	76		3.526				ND	7
27 Methylene Chloride	84		3.843				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.867	3.855	0.012	97	90782	50.0	
32 Methyl tert-butyl ether	73		4.208				ND	
33 trans-1,2-Dichloroethene	96		4.233				ND	
36 1,1-Dichloroethane	63		4.879				ND	7
41 2-Butanone (MEK)	43		5.690				ND	
42 cis-1,2-Dichloroethene	96	5.757	5.726	0.031	76	7334	0.1207	
48 Chlorobromomethane	128		6.062				ND	
50 Chloroform	83	6.232	6.220	0.012	91	8443	0.0842	
$ 52 Dibromofluoromethane (Surr)	113	6.440	6.440	0.000	94	457289	9.92	
53 1,1,1-Trichloroethane	97	6.458	6.452	0.006	84	13432	0.1433	
56 Carbon tetrachloride	117		6.671				ND	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.909	6.897	0.012	73	86851	10.4	
59 Benzene	78	6.940	6.933	0.007	85	6517	0.0265	
60 1,2-Dichloroethane	62		7.007				ND	
* 64 Fluorobenzene (IS)	96	7.348	7.348	0.000	99	1985387	10.0	
68 Trichloroethene	95	7.860	7.836	0.024	93	9171	0.1424	
70 1,2-Dichloropropane	63		8.171				ND	
76 Dichlorobromomethane	83		8.525				ND	
80 cis-1,3-Dichloropropene	75		9.098				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.281				ND	7
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1997951	9.80	
84 Toluene	92	9.518	9.506	0.012	98	8747	0.0554	
85 trans-1,3-Dichloropropene	75		9.787				ND	
106 1,1,2-Trichloroethane	97		10.000				ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.091	10.091	0.000	98	172503	2.31	
109 2-Hexanone	43		10.225				ND	7
111 Chlorodibromomethane	129		10.390				ND	
112 Ethylene Dibromide	107		10.506				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1465205	10.0	
115 Chlorobenzene	112		10.975				ND	7
116 1,1,1,2-Tetrachloroethane	131		11.061				ND	
117 Ethylbenzene	91		11.067				ND	7
119 m-Xylene & p-Xylene	106		11.189				ND	7
S 118 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.518				ND	7
121 Styrene	104		11.536				ND	7
122 Bromoform	173		11.695				ND	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	90	714932	9.71	
127 1,1,2,2-Tetrachloroethane	83		12.079				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	799174	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

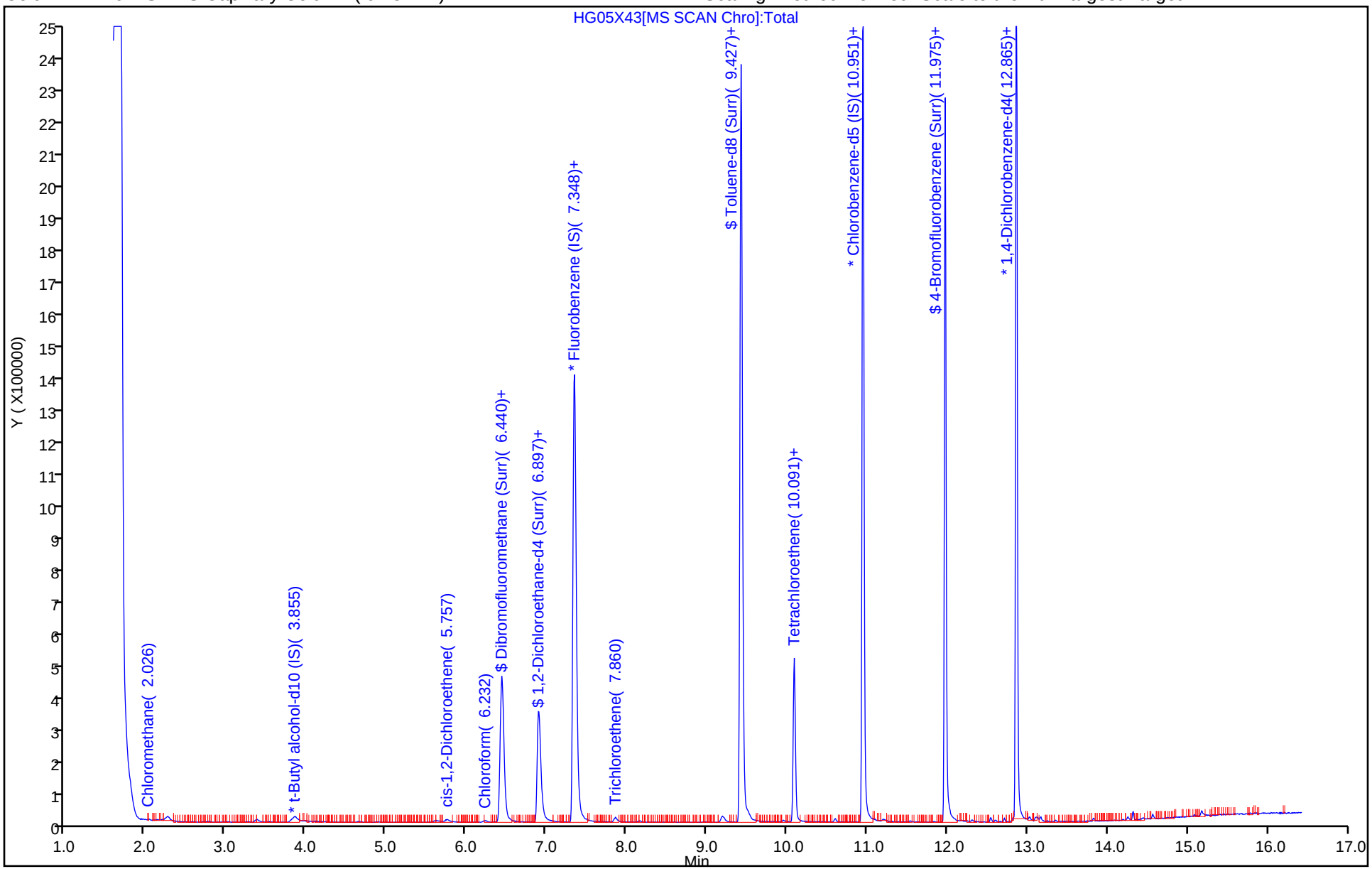
MSV_LLcentISS_00017 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 06-Aug-2025 11:24:41 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X43.D				
Injection Date:	05-Aug-2025 23:09:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	410-234794-A-7	Lab Sample ID:	410-234794-7	Worklist Smp#:	15
Client ID:	HD-COD-SW-16-0/1-0				
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\20250805-155612.b\HG05X43.D				
Lims ID:	410-234794-A-7				
Client ID:	HD-COD-SW-16-0/1-0				
Sample Type:	Client				
Inject. Date:	05-Aug-2025 23:09:30	ALS Bottle#:	13	Worklist Smp#:	15
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0155612-015				
Operator ID:	gaw91131	Instrument ID:	19094		
Method:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m				
Limit Group:	MSV - 8260C_D				
Last Update:	06-Aug-2025 11:24:40	Calib Date:	10-Jul-2025 06:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1671				

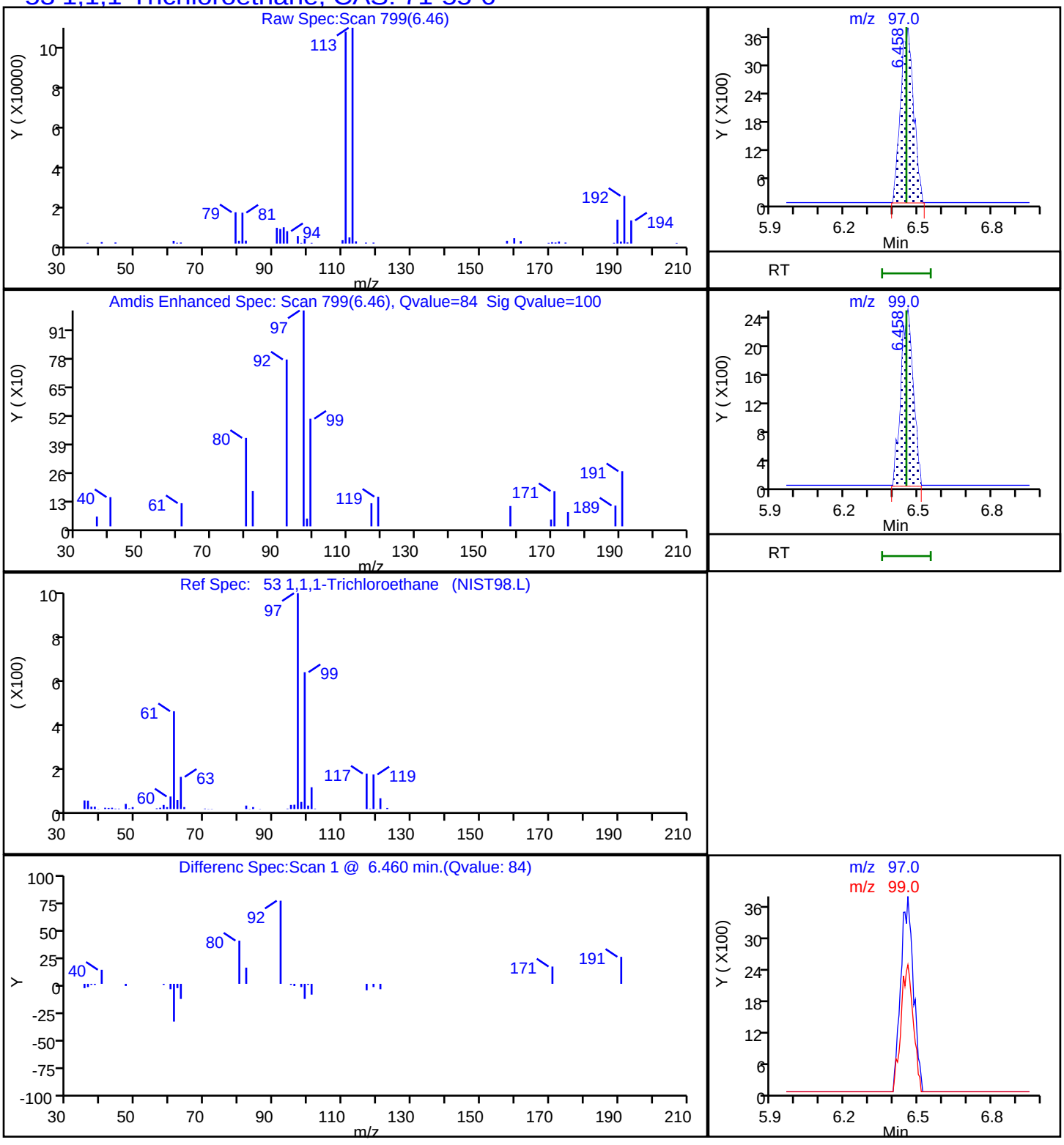
First Level Reviewer: N9NA Date: 06-Aug-2025 11:24:40

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	9.92	99.23
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.4	103.94
$ 83 Toluene-d8 (Surr)	10.0	9.80	98.02
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.71	97.13

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X43.D				
Injection Date:	05-Aug-2025 23:09:30	Instrument ID:	19094		
Lims ID:	410-234794-A-7	Lab Sample ID:	410-234794-7		
Client ID:	HD-COD-SW-16-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	13	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)	Detector	MS Quad		

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



Report Date: 06-Aug-2025 11:24:41 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X43.D

Injection Date: 05-Aug-2025 23:09:30 Instrument ID: 19094

Lims ID: 410-234794-A-7 Lab Sample ID: 410-234794-7

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

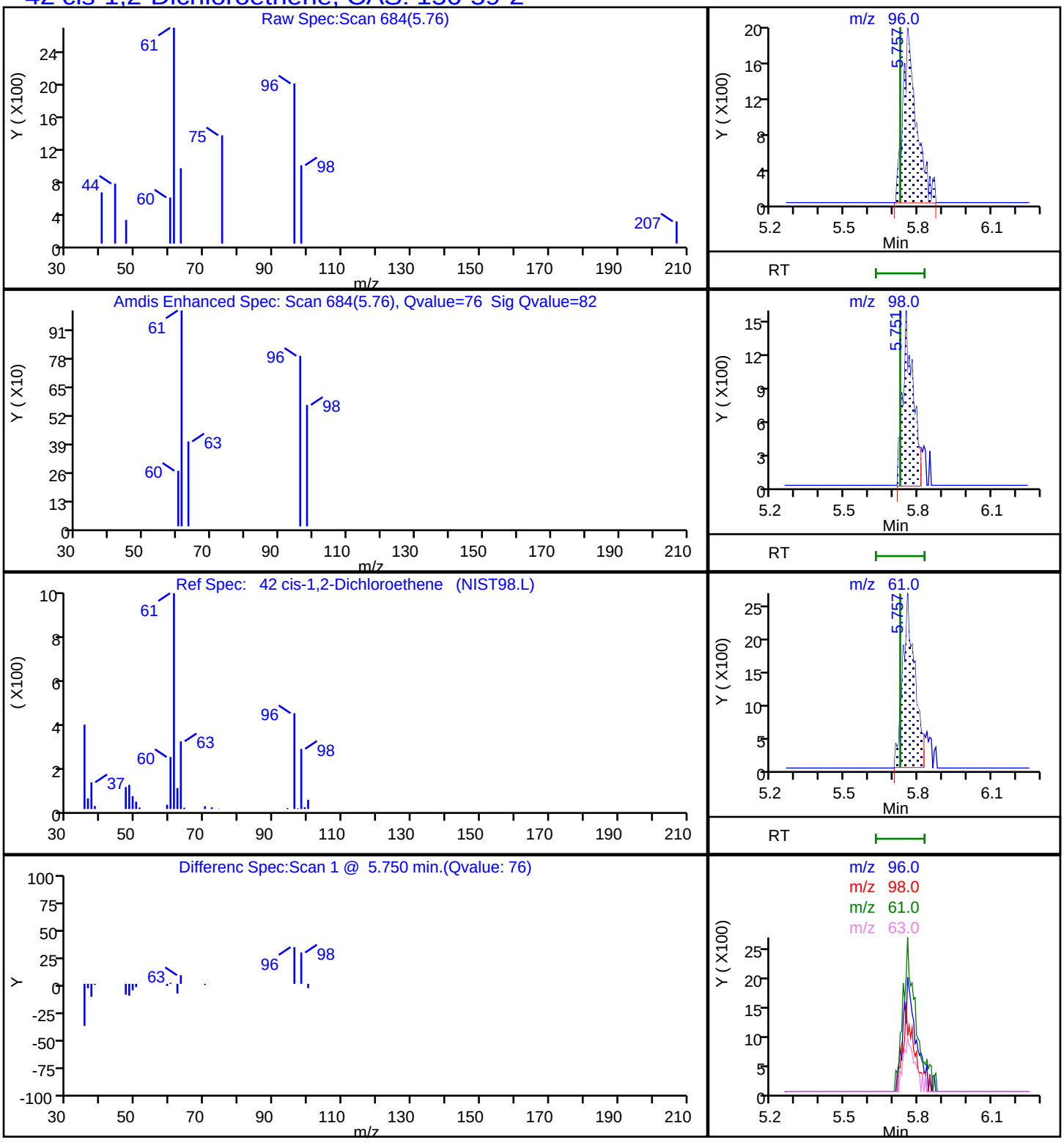
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 15

Purge Vol: 25.000 mL Dil. Factor: 1.0000

Method: MSV_19094_25mL Limit Group: MSV - 8260C_D

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

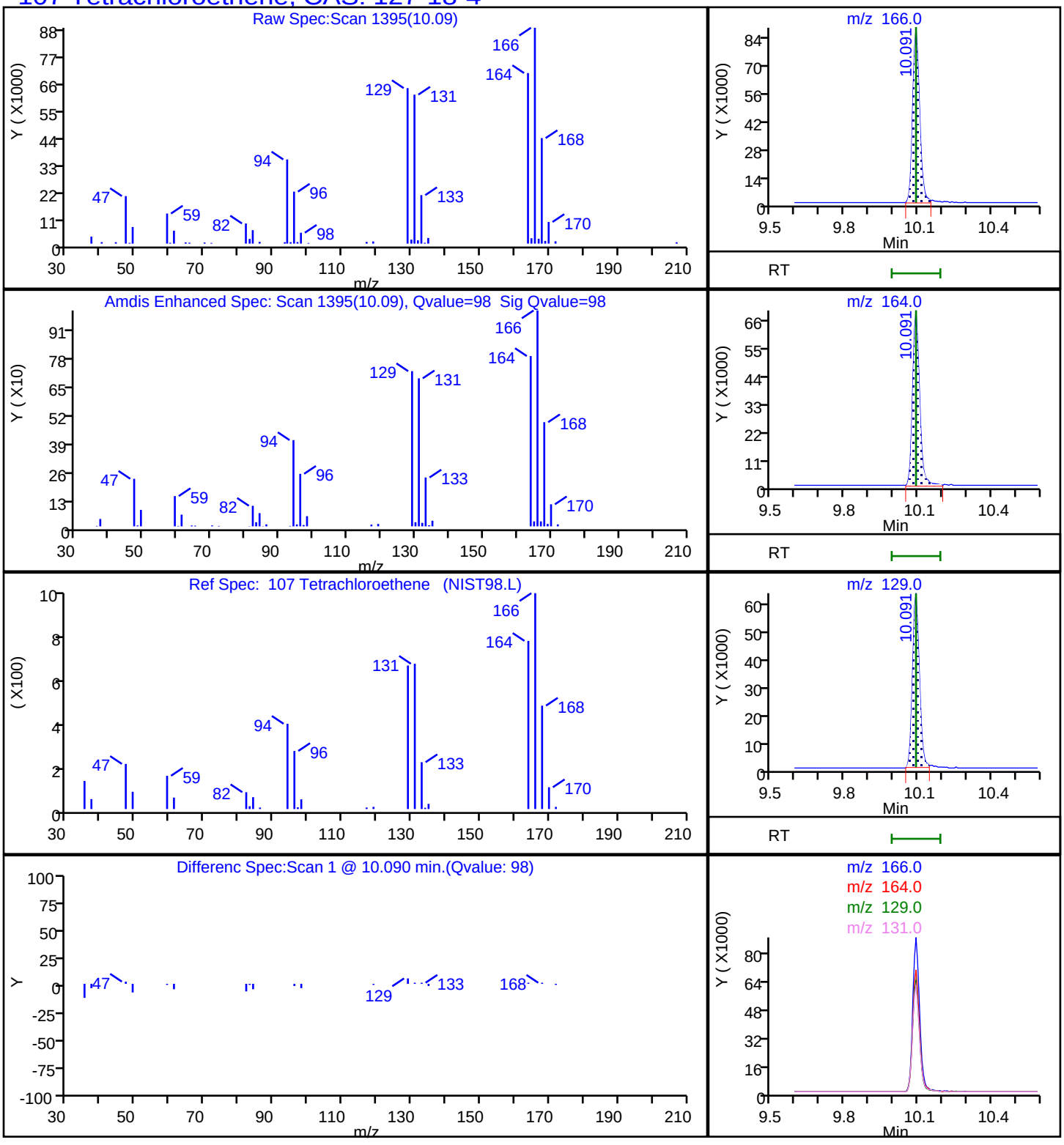
42 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X43.D				
Injection Date:	05-Aug-2025 23:09:30	Instrument ID:	19094		
Lims ID:	410-234794-A-7	Lab Sample ID:	410-234794-7		
Client ID:	HD-COD-SW-16-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	13	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)	Detector	MS Quad		

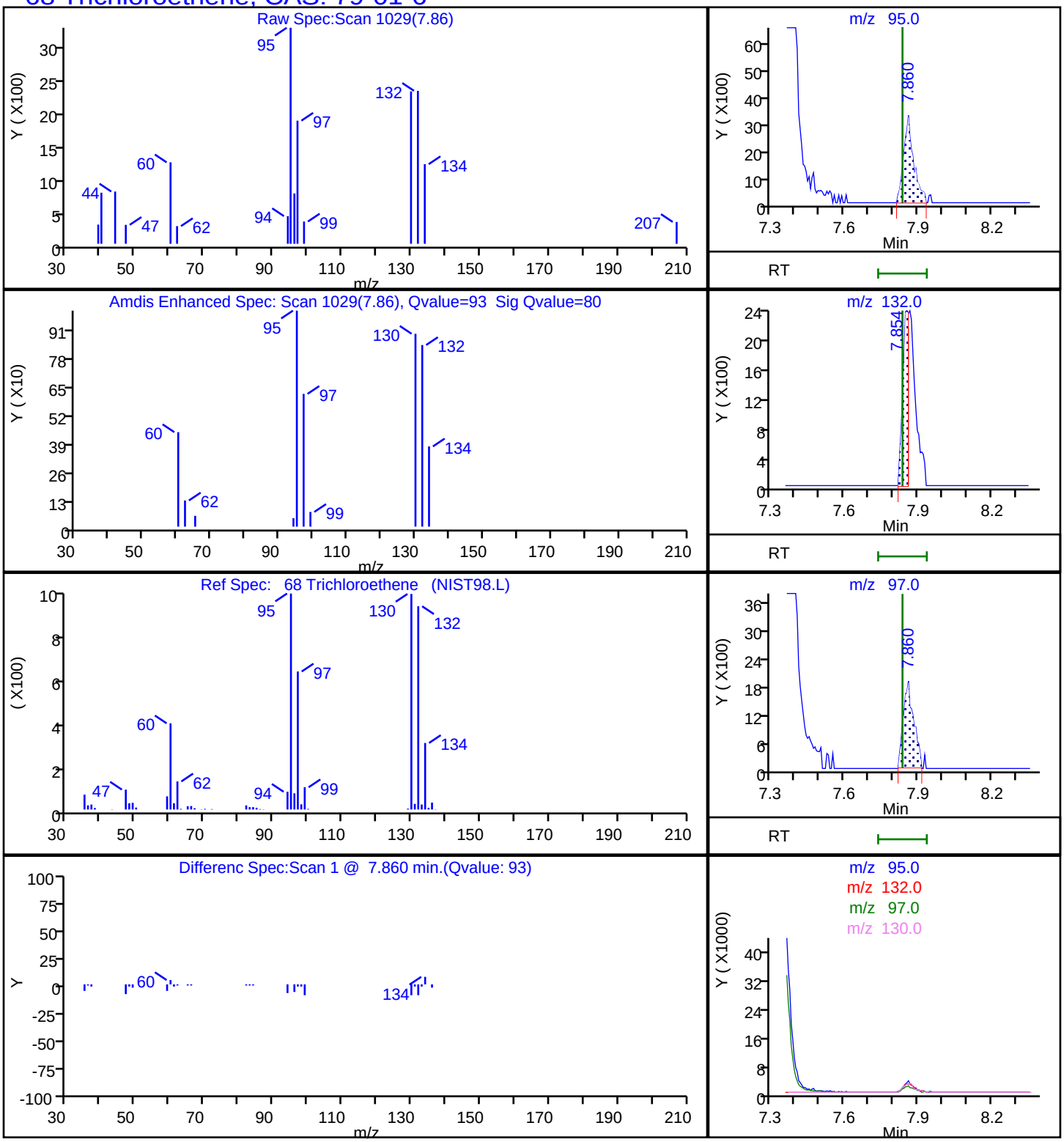
107 Tetrachloroethene, CAS: 127-18-4



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X43.D				
Injection Date:	05-Aug-2025 23:09:30	Instrument ID:	19094		
Lims ID:	410-234794-A-7	Lab Sample ID:	410-234794-7		
Client ID:	HD-COD-SW-16-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	13	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 (0.25 mm)	Detector	MS Quad		

68 Trichloroethene, CAS: 79-01-6



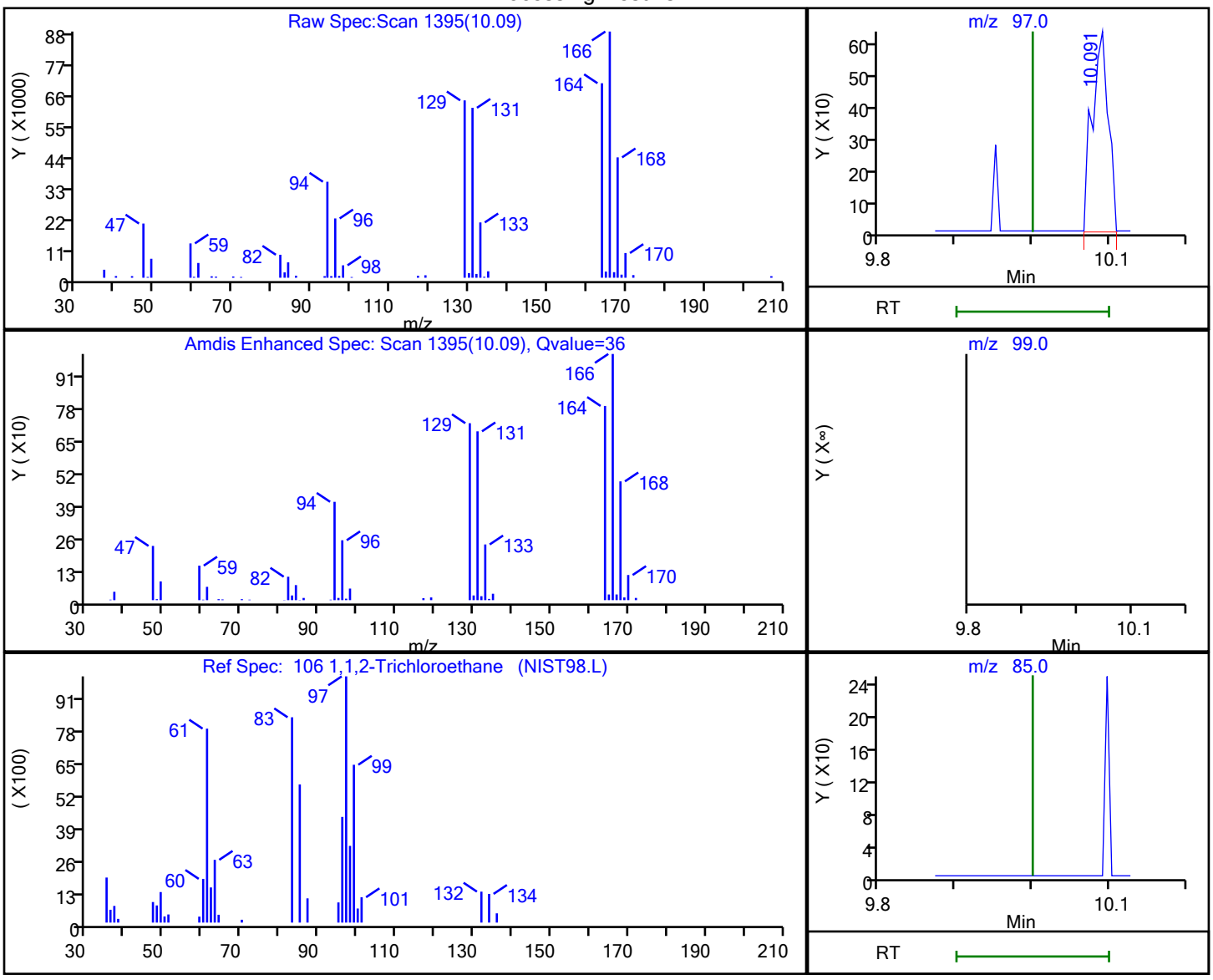
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X43.D				
Injection Date:	05-Aug-2025 23:09:30	Instrument ID:	19094		
Lims ID:	410-234794-A-7	Lab Sample ID:	410-234794-7		
Client ID:	HD-COD-SW-16-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	13	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)	Detector	MS Quad		

106 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
10.09	97.00	938	0.026746
10.00	99.00	0	
10.00	85.00	0	
10.09	83.00	2827	

Reviewer: N9NA, 06-Aug-2025 11:24:34 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.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-17-0/1-0
Lab Sample ID: 410-234794-8

Matrix: Water
Lab File ID: HG05X56.D

Analysis Method: 8260D
Date Collected: 07/29/2025 08:10

Sample wt/vol: 25(mL)
Date Analyzed: 08/06/2025 03:37

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.: 681140
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	9.6		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	1.6		0.50	0.10
75-35-4	1,1-Dichloroethene	0.72		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	2.3		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
108-88-3	Toluene	ND		0.50	0.080

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-17-0/1-0
Lab Sample ID: 410-234794-8

Matrix: Water
Lab File ID: HG05X56.D

Analysis Method: 8260D
Date Collected: 07/29/2025 08:10

Sample wt/vol: 25(mL)
Date Analyzed: 08/06/2025 03:37

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.: 681140
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	3.2		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)	102		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		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\20250805-155612.b\HG05X56.D
Lims ID: 410-234794-A-8
Client ID: HD-COD-SW-17-0/1-0
Sample Type: Client
Inject. Date: 06-Aug-2025 03:37:30 ALS Bottle#: 26 Worklist Smp#: 29
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155612-029
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 06-Aug-2025 15:05:51 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1671

First Level Reviewer: N9NA Date: 06-Aug-2025 15:05:51

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
	5 Chloromethane	50		2.008				ND	7
	6 Vinyl chloride	62		2.111				ND	7
	9 Bromomethane	94		2.392				ND	
	10 Chloroethane	64		2.471				ND	
	17 1,1-Dichloroethene	96	3.257	3.245	0.012	96	36945	0.7203	
	19 Acetone	43		3.276				ND	
	23 Carbon disulfide	76		3.526				ND	7
	27 Methylene Chloride	84		3.843				ND	
*	28 t-Butyl alcohol-d10 (IS)	65	3.861	3.855	0.006	96	85246	50.0	
	32 Methyl tert-butyl ether	73		4.208				ND	7
	33 trans-1,2-Dichloroethene	96	4.263	4.233	0.030	89	2370	0.0417	M
	36 1,1-Dichloroethane	63	4.891	4.879	0.012	96	176314	1.61	
	41 2-Butanone (MEK)	43		5.690				ND	
	42 cis-1,2-Dichloroethene	96	5.738	5.726	0.012	80	141288	2.29	
	48 Chlorobromomethane	128		6.062				ND	
	50 Chloroform	83	6.232	6.220	0.012	93	20096	0.1970	
$	52 Dibromofluoromethane (Surr)	113	6.439	6.440	-0.001	94	467127	9.96	
	53 1,1,1-Trichloroethane	97	6.452	6.452	0.000	99	911461	9.56	
	56 Carbon tetrachloride	117		6.671				ND	7
$	58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.897	0.006	74	86365	10.2	
	59 Benzene	78		6.933				ND	7
	60 1,2-Dichloroethane	62		7.007				ND	
*	64 Fluorobenzene (IS)	96	7.348	7.348	0.000	99	2019974	10.0	
	68 Trichloroethene	95	7.842	7.836	0.006	98	207847	3.17	
	70 1,2-Dichloropropane	63		8.171				ND	
	76 Dichlorobromomethane	83		8.525				ND	
	80 cis-1,3-Dichloropropene	75		9.098				ND	
	82 4-Methyl-2-pentanone (MIBK)	43		9.281				ND	7
$	83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	2017566	9.74	
	84 Toluene	92		9.506				ND	7
	85 trans-1,3-Dichloropropene	75		9.787				ND	
	106 1,1,2-Trichloroethane	97	10.000	10.000	0.000	1	963	0.0270	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.091	10.091	0.000	97	11943654	157.5	E
109 2-Hexanone	43		10.225				ND	
111 Chlorodibromomethane	129		10.390				ND	7
112 Ethylene Dibromide	107		10.506				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1488650	10.0	
115 Chlorobenzene	112		10.975				ND	7
116 1,1,1,2-Tetrachloroethane	131		11.061				ND	
117 Ethylbenzene	91		11.067				ND	7
119 m-Xylene & p-Xylene	106		11.189				ND	7
S 118 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.518				ND	7
121 Styrene	104		11.536				ND	7
122 Bromoform	173		11.695				ND	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	90	726122	9.71	
127 1,1,2,2-Tetrachloroethane	83		12.079				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	803247	10.0	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

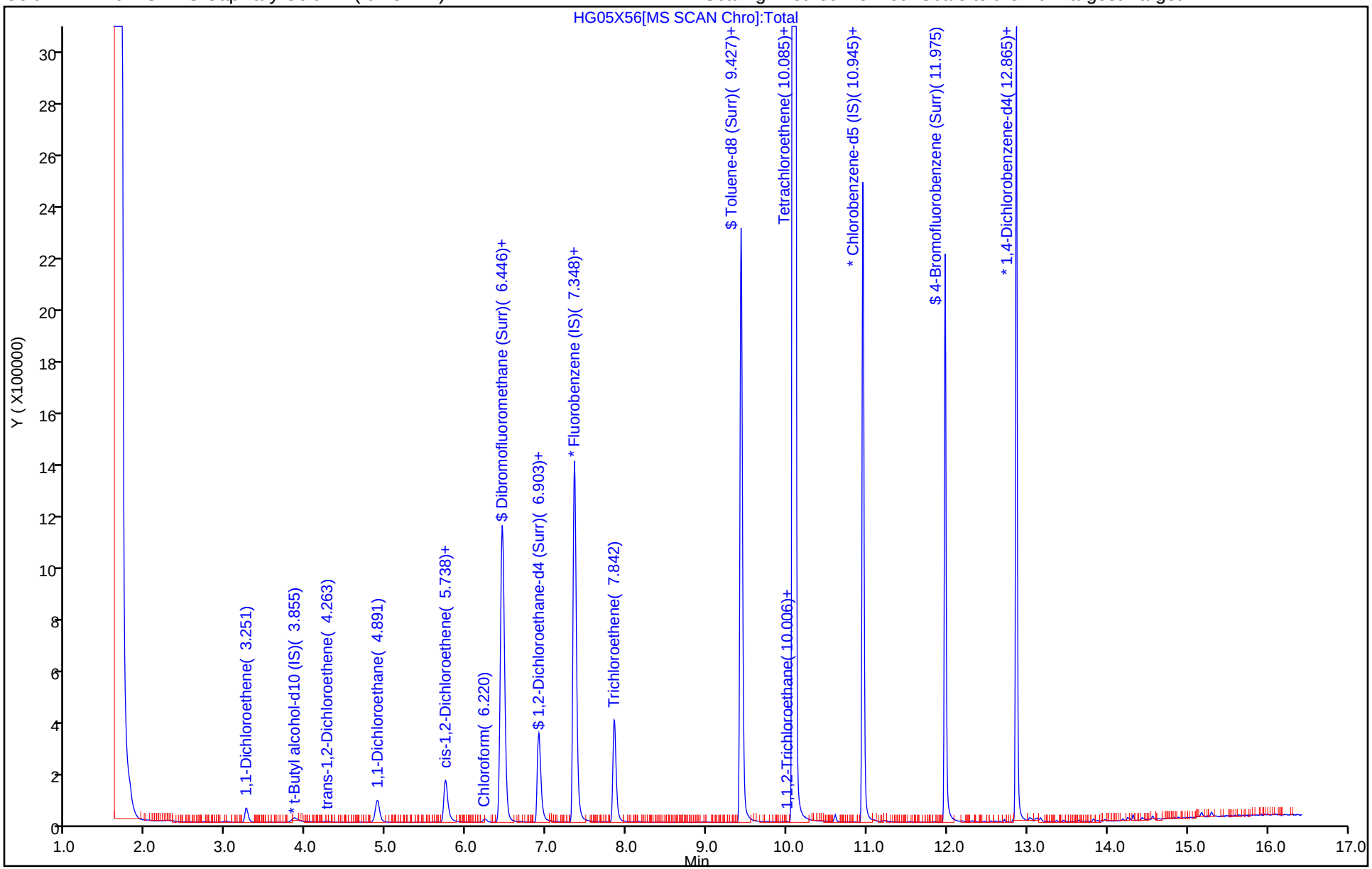
MSV_LLcentISS_00017 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 06-Aug-2025 15:05:52 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X56.D				
Injection Date:	06-Aug-2025 03:37:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	410-234794-A-8	Lab Sample ID:	410-234794-8	Worklist Smp#:	29
Client ID:	HD-COD-SW-17-0/1-0				
Purge Vol:	25.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
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\20250805-155612.b\HG05X56.D				
Lims ID:	410-234794-A-8				
Client ID:	HD-COD-SW-17-0/1-0				
Sample Type:	Client				
Inject. Date:	06-Aug-2025 03:37:30	ALS Bottle#:	26	Worklist Smp#:	29
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0155612-029				
Operator ID:	gaw91131	Instrument ID:	19094		
Method:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m				
Limit Group:	MSV - 8260C_D				
Last Update:	06-Aug-2025 15:05:51	Calib Date:	10-Jul-2025 06:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1671				

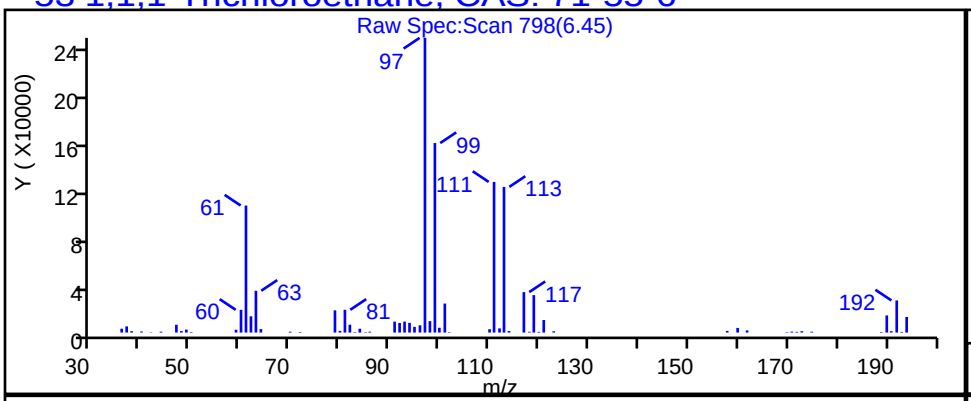
First Level Reviewer: N9NA Date: 06-Aug-2025 15:05:51

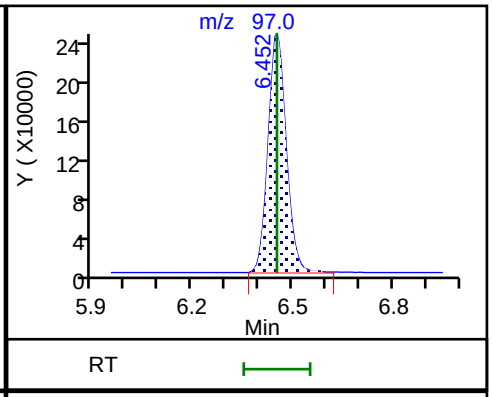
Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	9.96	99.63
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.2	101.59
$ 83 Toluene-d8 (Surr)	10.0	9.74	97.42
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.71	97.10

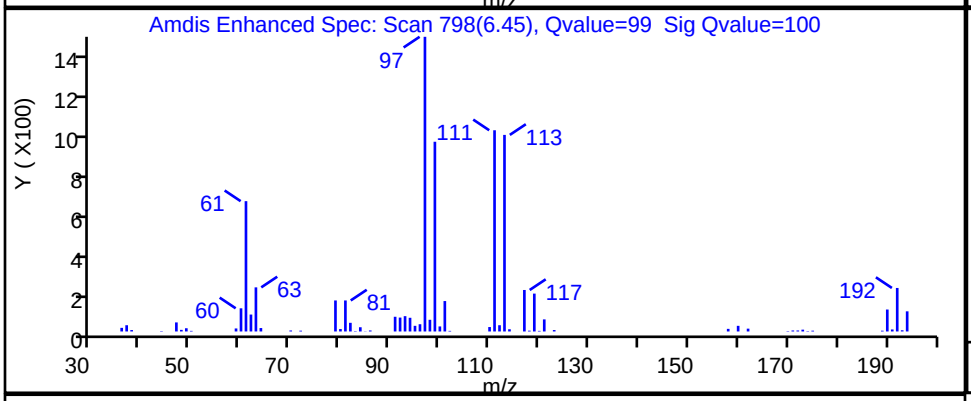
Eurofins Lancaster Laboratories Environment Testing, LLC

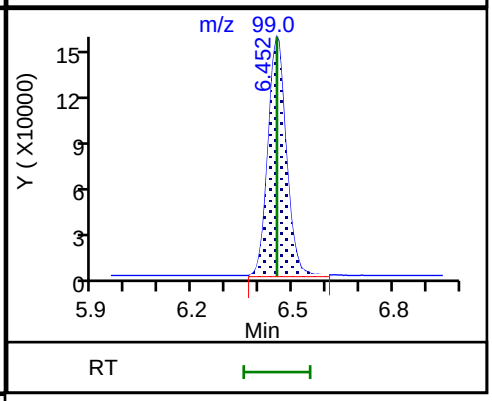
Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X56.D				
Injection Date:	06-Aug-2025 03:37:30	Instrument ID:	19094		
Lims ID:	410-234794-A-8	Lab Sample ID:	410-234794-8		
Client ID:	HD-COD-SW-17-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	26	Worklist Smp#:	29
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

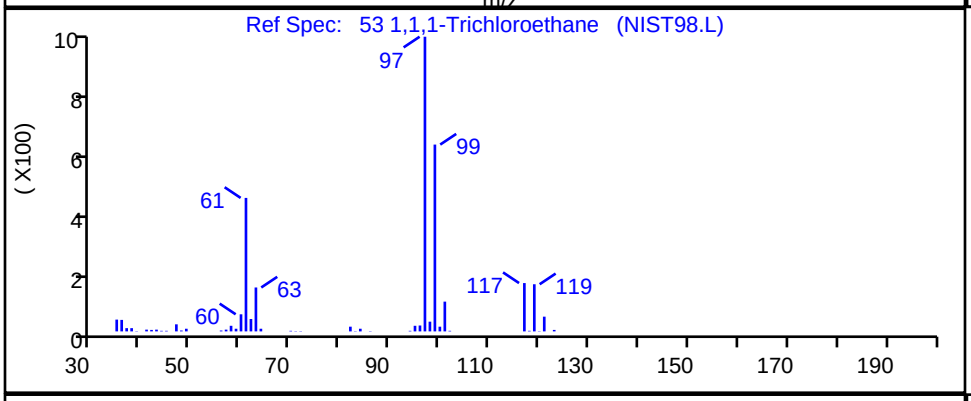
53 1,1,1-Trichloroethane, CAS: 71-55-6

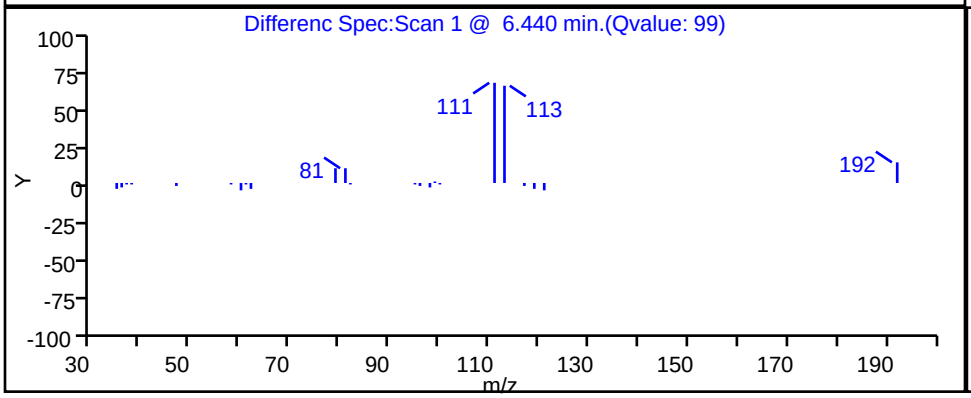


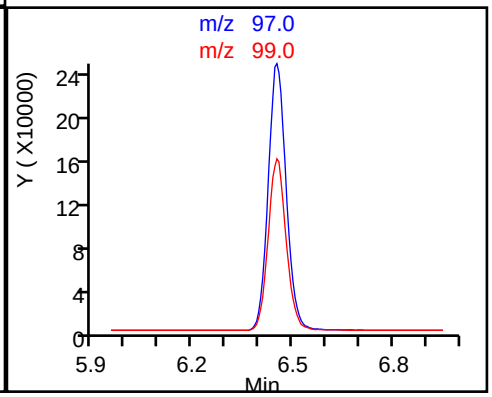








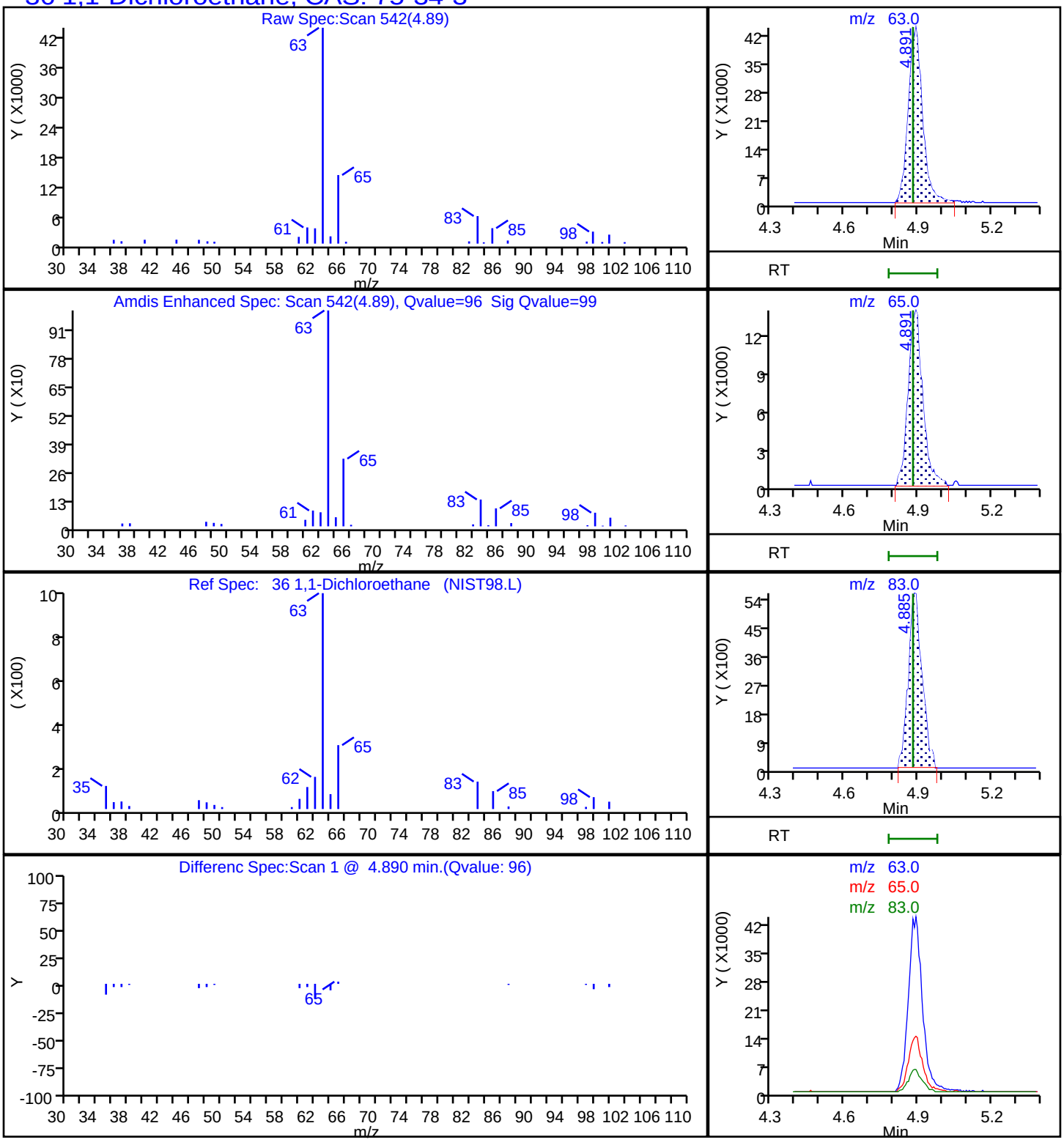




Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X56.D				
Injection Date:	06-Aug-2025 03:37:30	Instrument ID:	19094		
Lims ID:	410-234794-A-8	Lab Sample ID:	410-234794-8		
Client ID:	HD-COD-SW-17-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	26	Worklist Smp#:	29
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

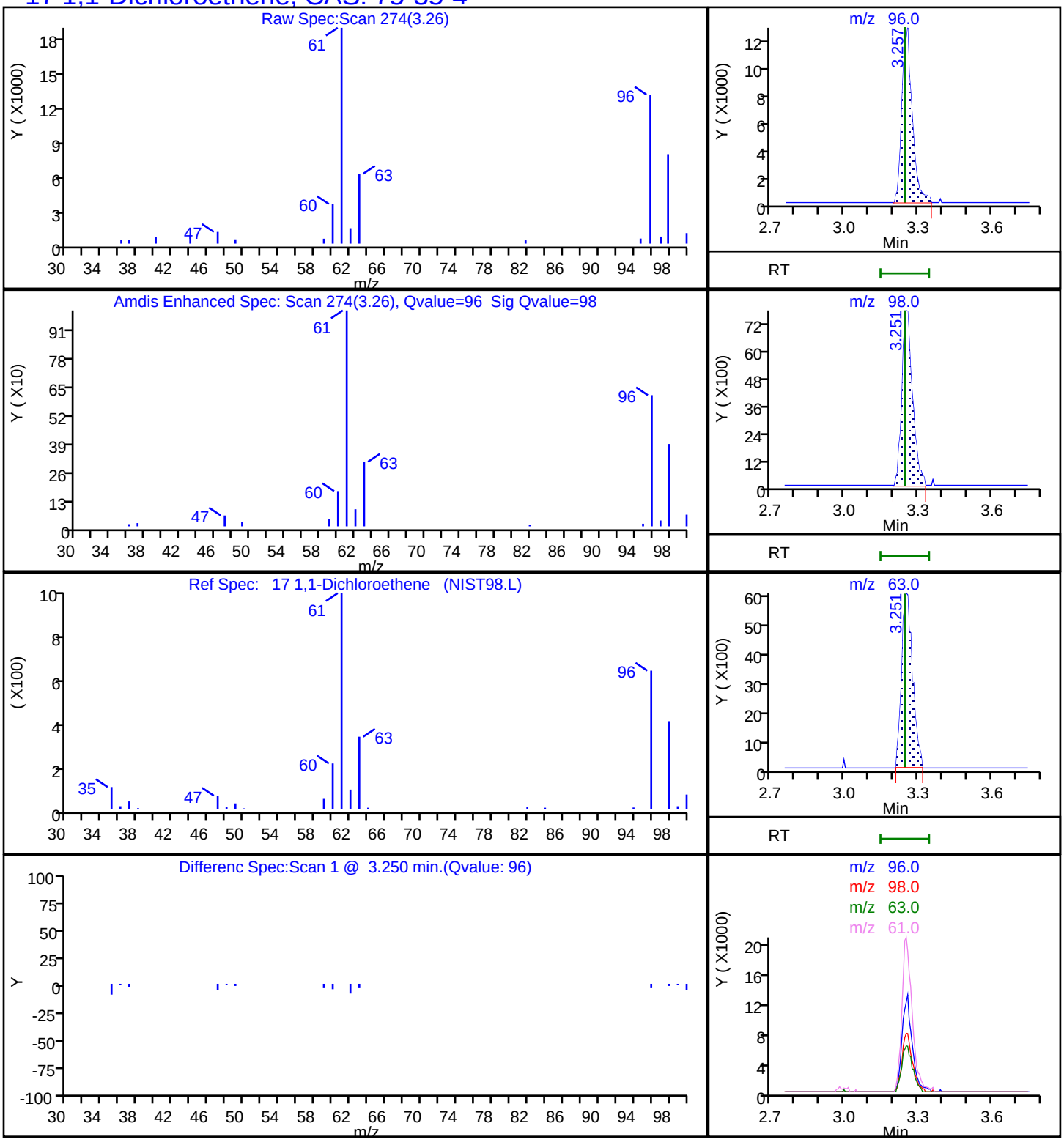
36 1,1-Dichloroethane, CAS: 75-34-3



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X56.D				
Injection Date:	06-Aug-2025 03:37:30	Instrument ID:	19094		
Lims ID:	410-234794-A-8	Lab Sample ID:	410-234794-8		
Client ID:	HD-COD-SW-17-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	26	Worklist Smp#:	29
Purge 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)	Detector	MS Quad		

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

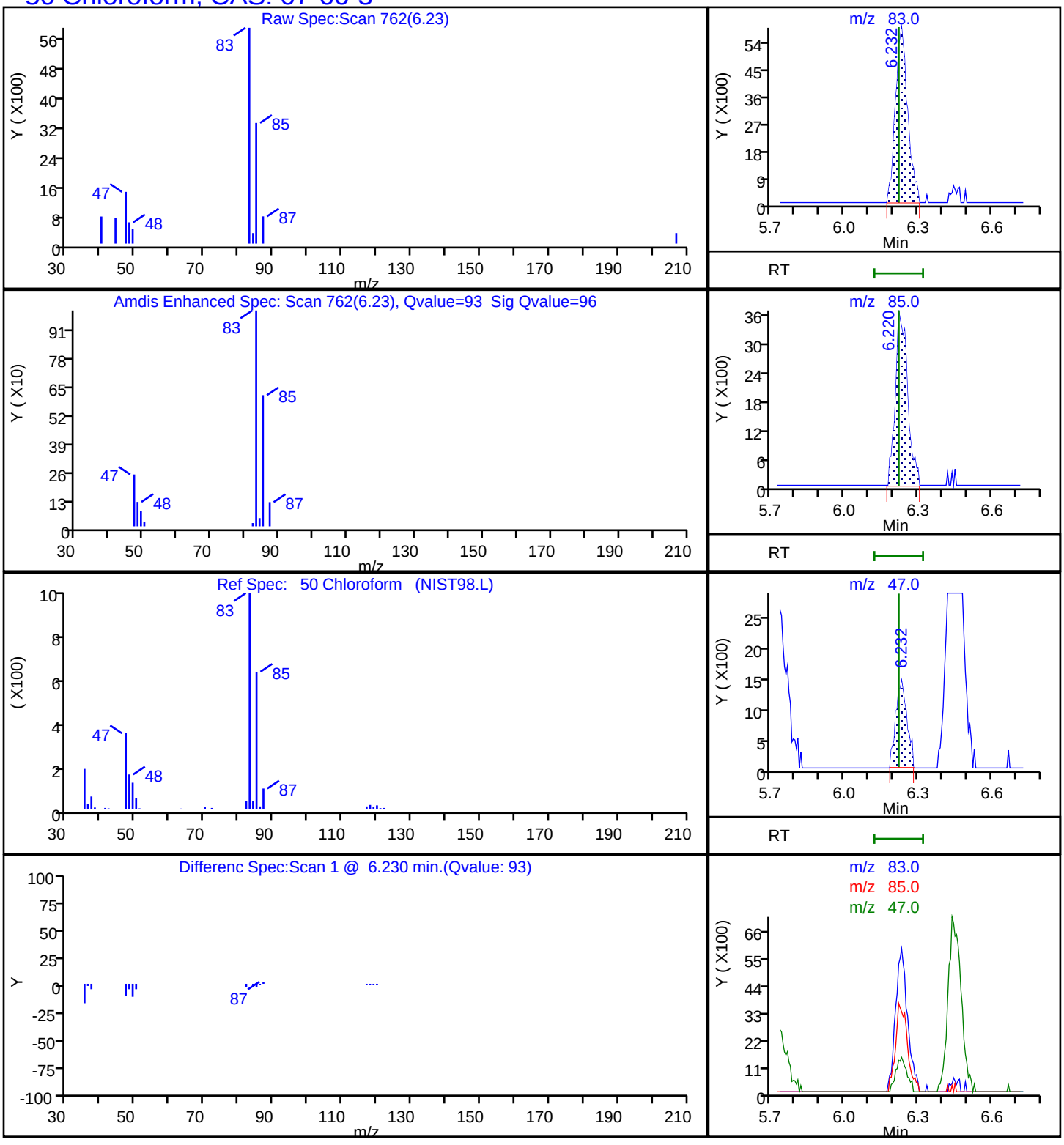


Report Date: 06-Aug-2025 15:05:52 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X56.D				
Injection Date:	06-Aug-2025 03:37:30	Instrument ID:	19094		
Lims ID:	410-234794-A-8	Lab Sample ID:	410-234794-8		
Client ID:	HD-COD-SW-17-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	26	Worklist Smp#:	29
Purge 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)	Detector	MS Quad		

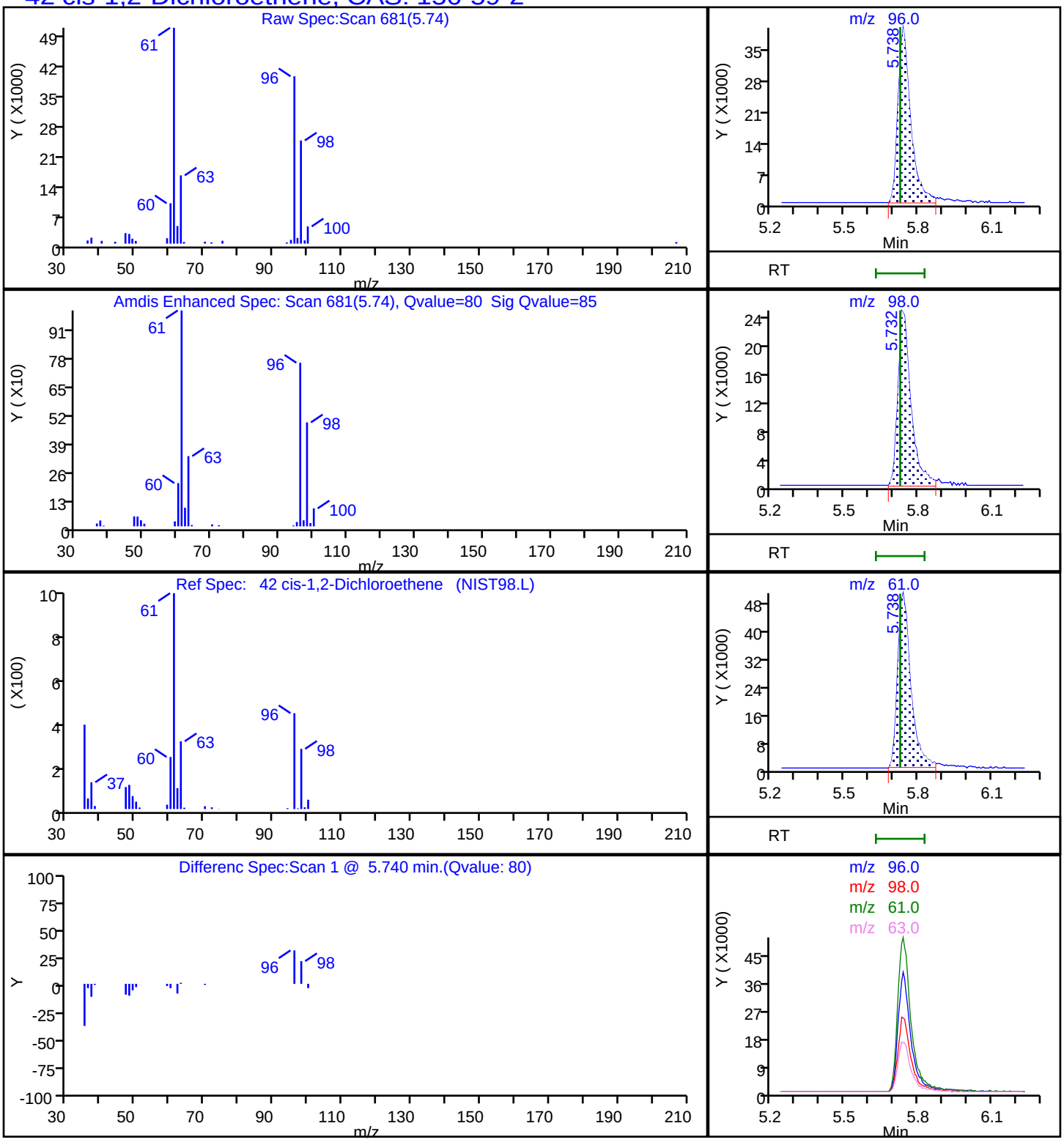
50 Chloroform, CAS: 67-66-3



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X56.D				
Injection Date:	06-Aug-2025 03:37:30	Instrument ID:	19094		
Lims ID:	410-234794-A-8	Lab Sample ID:	410-234794-8		
Client ID:	HD-COD-SW-17-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	26	Worklist Smp#:	29
Purge 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)	Detector	MS Quad		

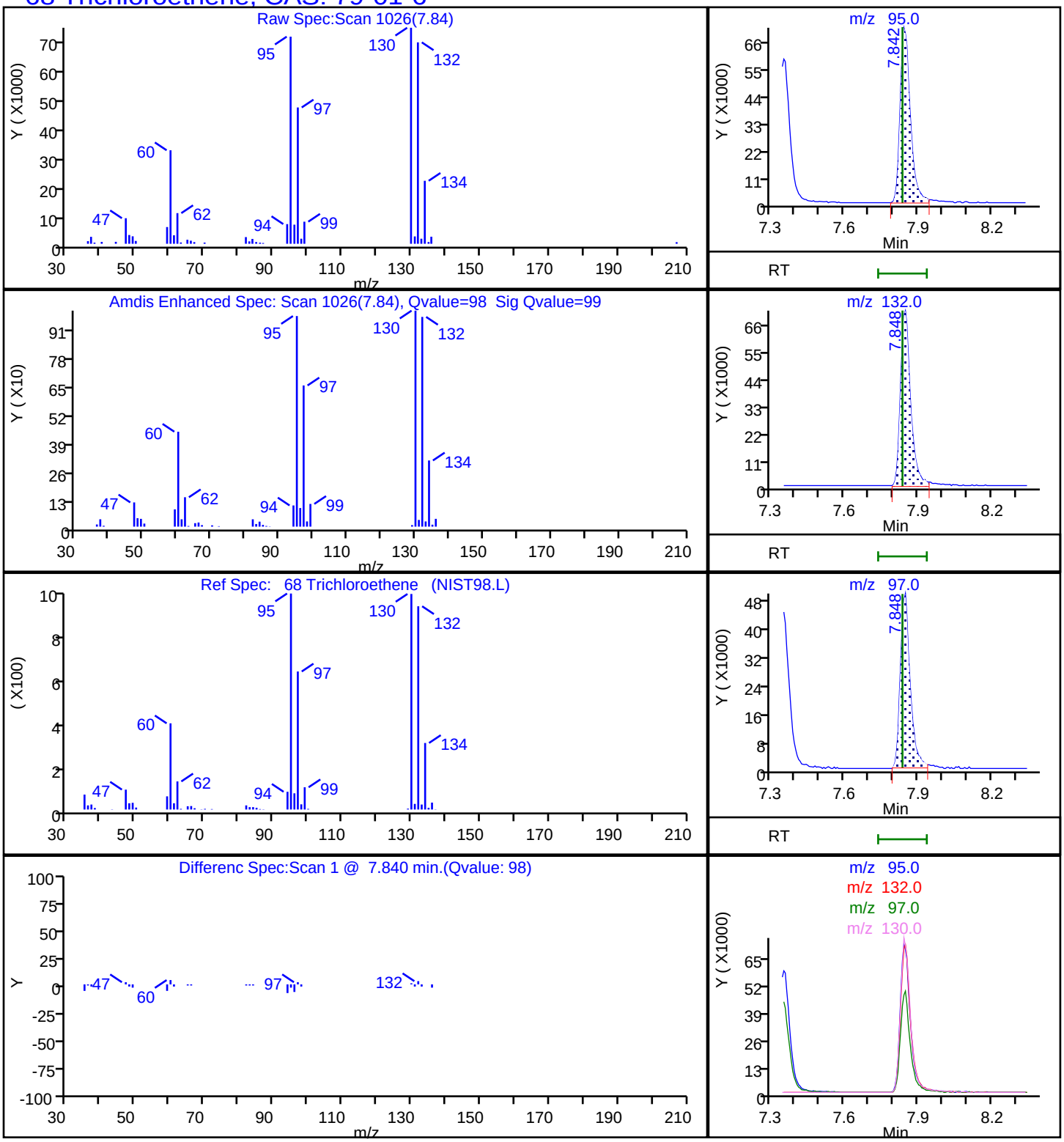
42 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X56.D				
Injection Date:	06-Aug-2025 03:37:30	Instrument ID:	19094		
Lims ID:	410-234794-A-8	Lab Sample ID:	410-234794-8		
Client ID:	HD-COD-SW-17-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	26	Worklist Smp#:	29
Purge 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)	Detector	MS Quad		

68 Trichloroethene, CAS: 79-01-6



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

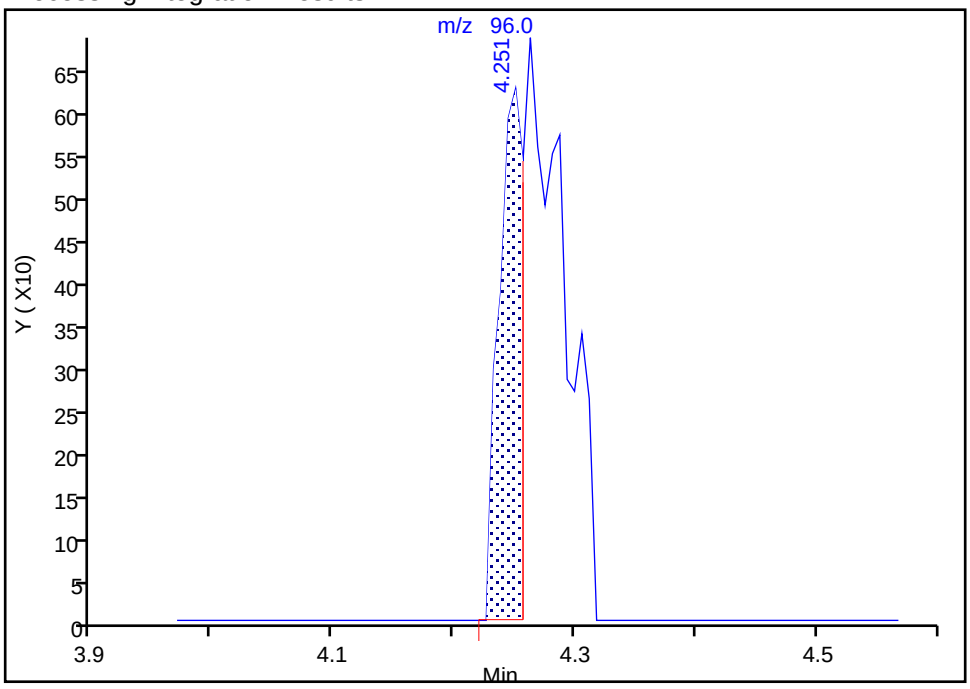
Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X56.D				
Injection Date:	06-Aug-2025 03:37:30	Instrument ID:	19094		
Lims ID:	410-234794-A-8	Lab Sample ID:	410-234794-8		
Client ID:	HD-COD-SW-17-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	26	Worklist Smp#:	29
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Signal: 1

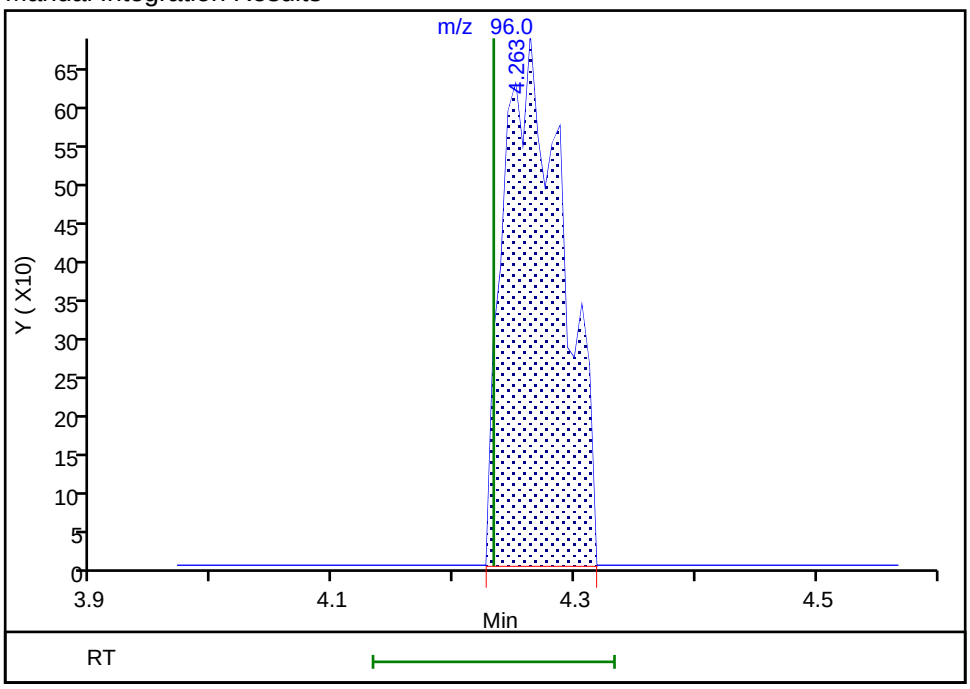
Processing Integration Results

RT: 4.25
Area: 898
Amount: 0.015805
Amount Units: ug/l



Manual Integration Results

RT: 4.26
Area: 2370
Amount: 0.041713
Amount Units: ug/l



Reviewer: N9NA, 06-Aug-2025 15:04:55 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.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-17-0/1-0 DL
Lab Sample ID: 410-234794-8 DL

Matrix: Water
Lab File ID: HG05X57.D

Analysis Method: 8260D
Date Collected: 07/29/2025 08:10

Sample wt/vol: 25(mL)
Date Analyzed: 08/06/2025 03:58

Soil Aliquot Vol:
Dilution Factor: 20

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

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

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

Analysis Batch No.: 681140
Units: ug/L

Preparation Batch No.:
Instrument ID: 19094

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

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	99		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X57.D
Lims ID: 410-234794-B-8 DL
Client ID: HD-COD-SW-17-0/1-0
Sample Type: Client
Inject. Date: 06-Aug-2025 03:58:30 ALS Bottle#: 27 Worklist Smp#: 30
Purge Vol: 25.000 mL Dil. Factor: 20.0000
Sample Info: 410-0155612-030
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 06-Aug-2025 15:26:12 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1671

First Level Reviewer: N9NA Date: 06-Aug-2025 15:26:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		2.008				ND	
6 Vinyl chloride	62		2.111				ND	
9 Bromomethane	94		2.392				ND	
10 Chloroethane	64		2.471				ND	
17 1,1-Dichloroethene	96		3.245				ND	7
19 Acetone	43		3.276				ND	
23 Carbon disulfide	76		3.526				ND	7
27 Methylene Chloride	84		3.843				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.855	3.855	0.000	96	82174	50.0	
32 Methyl tert-butyl ether	73		4.208				ND	
33 trans-1,2-Dichloroethene	96		4.233				ND	
36 1,1-Dichloroethane	63	4.885	4.879	0.006	88	6860	0.0621	M
41 2-Butanone (MEK)	43		5.690				ND	
42 cis-1,2-Dichloroethene	96	5.763	5.726	0.037	82	4836	0.0777	
48 Chlorobromomethane	128		6.062				ND	
50 Chloroform	83		6.220				ND	7
$ 52 Dibromofluoromethane (Surr)	113	6.440	6.440	0.000	94	467907	9.91	
53 1,1,1-Trichloroethane	97	6.446	6.452	-0.006	39	38981	0.4061	
56 Carbon tetrachloride	117		6.671				ND	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.897	0.006	46	87731	10.3	
59 Benzene	78		6.933				ND	7
60 1,2-Dichloroethane	62		7.007				ND	
* 64 Fluorobenzene (IS)	96	7.342	7.348	-0.006	99	2033315	10.0	
68 Trichloroethene	95	7.848	7.836	0.012	96	8899	0.1349	M
70 1,2-Dichloropropane	63		8.171				ND	
76 Dichlorobromomethane	83		8.525				ND	
80 cis-1,3-Dichloropropene	75		9.098				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.281				ND	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	2029089	9.98	
84 Toluene	92		9.506				ND	
85 trans-1,3-Dichloropropene	75		9.787				ND	
106 1,1,2-Trichloroethane	97		10.000				ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.091	10.091	0.000	98	494280	6.64	
109 2-Hexanone	43		10.225				ND	
111 Chlorodibromomethane	129		10.390				ND	
112 Ethylene Dibromide	107		10.506				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1462082	10.0	
115 Chlorobenzene	112		10.975				ND	7
116 1,1,1,2-Tetrachloroethane	131		11.061				ND	
117 Ethylbenzene	91		11.067				ND	7
119 m-Xylene & p-Xylene	106		11.189				ND	
S 118 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.518				ND	
121 Styrene	104		11.536				ND	
122 Bromoform	173		11.695				ND	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	709116	9.65	
127 1,1,2,2-Tetrachloroethane	83		12.079				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	800172	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

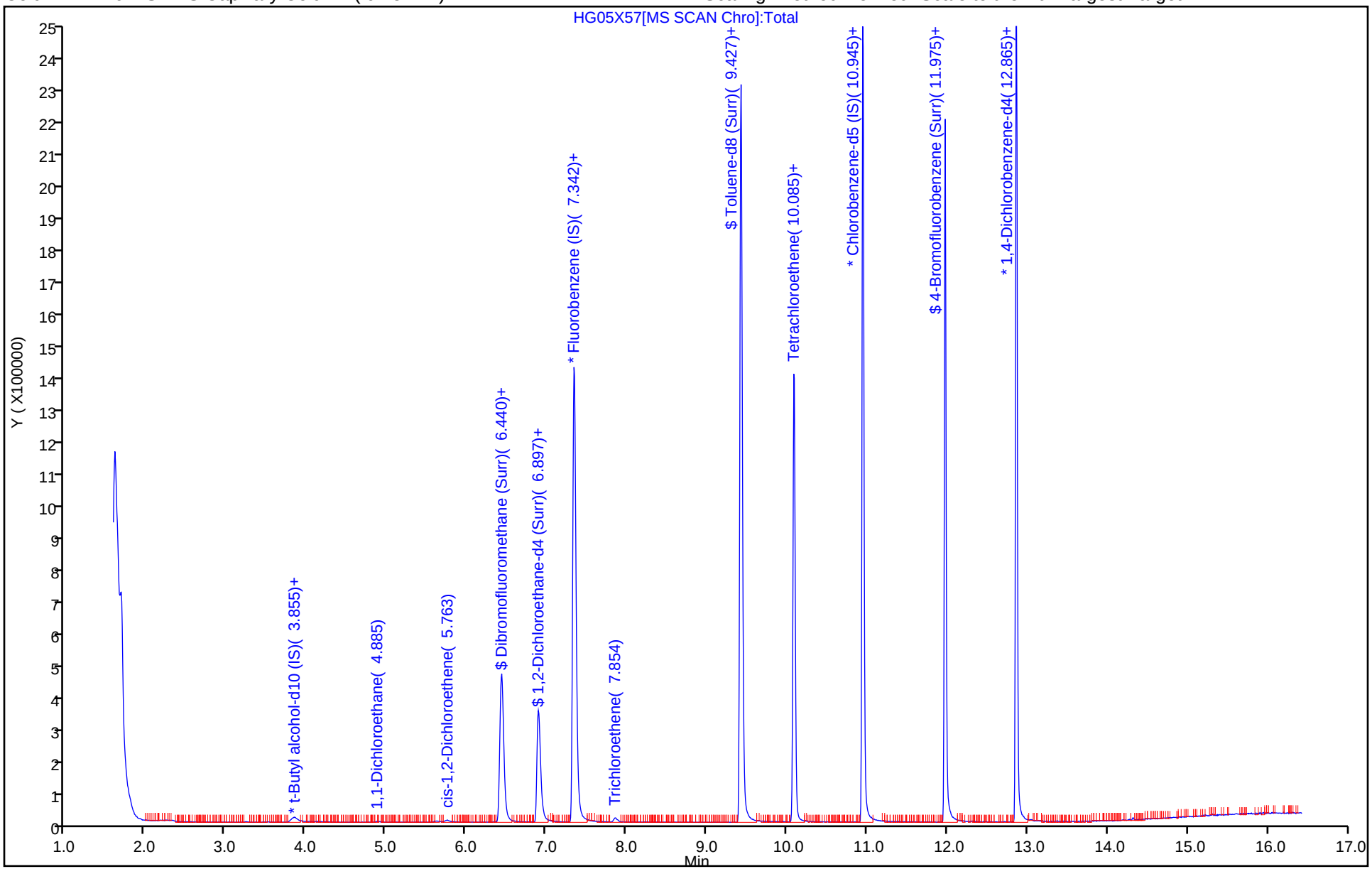
MSV_LLcentISS_00017 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 06-Aug-2025 15:26:13 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X57.D				
Injection Date:	06-Aug-2025 03:58:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	410-234794-B-8 DL	Lab Sample ID:	410-234794-8	Worklist Smp#:	30
Client ID:	HD-COD-SW-17-0/1-0				
Purge Vol:	25.000 mL	Dil. Factor:	20.0000	ALS Bottle#:	27
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\20250805-155612.b\HG05X57.D
Lims ID: 410-234794-B-8 DL
Client ID: HD-COD-SW-17-0/1-0
Sample Type: Client
Inject. Date: 06-Aug-2025 03:58:30 ALS Bottle#: 27 Worklist Smp#: 30
Purge Vol: 25.000 mL Dil. Factor: 20.0000
Sample Info: 410-0155612-030
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 06-Aug-2025 15:26:12 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1671

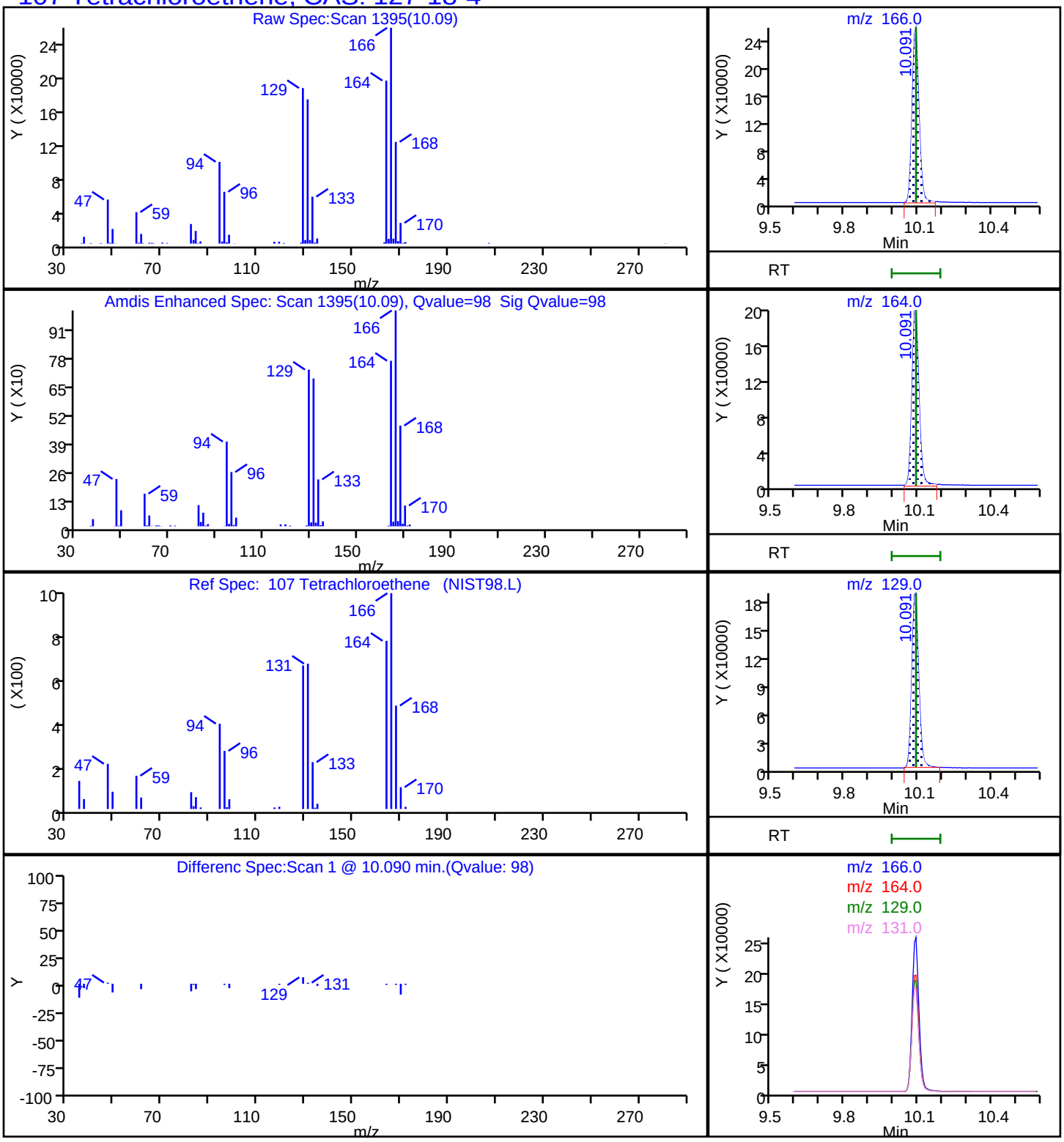
First Level Reviewer: N9NA Date: 06-Aug-2025 15:26:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	9.91	99.15
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.3	102.52
$ 83 Toluene-d8 (Surr)	10.0	9.98	99.76
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.65	96.55

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X57.D				
Injection Date:	06-Aug-2025 03:58:30	Instrument ID:	19094		
Lims ID:	410-234794-B-8 DL	Lab Sample ID:	410-234794-8		
Client ID:	HD-COD-SW-17-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	27	Worklist Smp#:	30
Purge Vol:	25.000 mL	Dil. Factor:	20.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	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.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-26-0/1-0
Lab Sample ID: 410-234794-9

Matrix: Water
Lab File ID: HG05X44.D

Analysis Method: 8260D
Date Collected: 07/29/2025 08:50

Sample wt/vol: 25(mL)
Date Analyzed: 08/05/2025 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.: 681140
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	0.15	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	ND		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	ND		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-26-0/1-0
Lab Sample ID: 410-234794-9

Matrix: Water
Lab File ID: HG05X44.D

Analysis Method: 8260D
Date Collected: 07/29/2025 08:50

Sample wt/vol: 25(mL)
Date Analyzed: 08/05/2025 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.: 681140
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)	104		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		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\20250805-155612.b\HG05X44.D
Lims ID: 410-234794-A-9
Client ID: HD-COD-SW-26-0/1-0
Sample Type: Client
Inject. Date: 05-Aug-2025 23:30:30 ALS Bottle#: 14 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155612-016
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 06-Aug-2025 11:24:40 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1671

First Level Reviewer: N9NA Date: 06-Aug-2025 11:25:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50	2.026	2.008	0.018	95	2658	0.0315	
6 Vinyl chloride	62		2.111				ND	
9 Bromomethane	94		2.392				ND	
10 Chloroethane	64		2.471				ND	
17 1,1-Dichloroethene	96		3.245				ND	
19 Acetone	43		3.276				ND	7
23 Carbon disulfide	76		3.526				ND	7
27 Methylene Chloride	84		3.843				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.861	3.855	0.006	96	93346	50.0	
32 Methyl tert-butyl ether	73		4.208				ND	
33 trans-1,2-Dichloroethene	96		4.233				ND	
36 1,1-Dichloroethane	63		4.879				ND	
41 2-Butanone (MEK)	43		5.690				ND	
42 cis-1,2-Dichloroethene	96		5.726				ND	7
48 Chlorobromomethane	128		6.062				ND	
50 Chloroform	83	6.232	6.220	0.012	90	14781	0.1485	
$ 52 Dibromofluoromethane (Surr)	113	6.445	6.440	0.005	94	459936	10.0	
53 1,1,1-Trichloroethane	97		6.452				ND	
56 Carbon tetrachloride	117		6.671				ND	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.897	0.006	60	86355	10.4	
59 Benzene	78		6.933				ND	7
60 1,2-Dichloroethane	62		7.007				ND	
* 64 Fluorobenzene (IS)	96	7.348	7.348	0.000	99	1972102	10.0	
68 Trichloroethene	95	7.854	7.836	0.018	91	2795	0.0437	
70 1,2-Dichloropropane	63		8.171				ND	
76 Dichlorobromomethane	83		8.525				ND	7
80 cis-1,3-Dichloropropene	75		9.098				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.281				ND	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	93	1982139	9.79	
84 Toluene	92	9.512	9.506	0.006	57	9309	0.0593	
85 trans-1,3-Dichloropropene	75		9.787				ND	
106 1,1,2-Trichloroethane	97		10.000				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166		10.091				ND	7
109 2-Hexanone	43		10.225				ND	7
111 Chlorodibromomethane	129		10.390				ND	
112 Ethylene Dibromide	107		10.506				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1456028	10.0	
115 Chlorobenzene	112		10.975				ND	7
116 1,1,1,2-Tetrachloroethane	131		11.061				ND	
117 Ethylbenzene	91		11.067				ND	7
119 m-Xylene & p-Xylene	106		11.189				ND	7
S 118 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.518				ND	7
121 Styrene	104		11.536				ND	7
122 Bromoform	173		11.695				ND	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	90	711340	9.73	
127 1,1,2,2-Tetrachloroethane	83		12.079				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	795675	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_LLcentISS_00017 Amount Added: 5.00 Units: uL Run Reagent

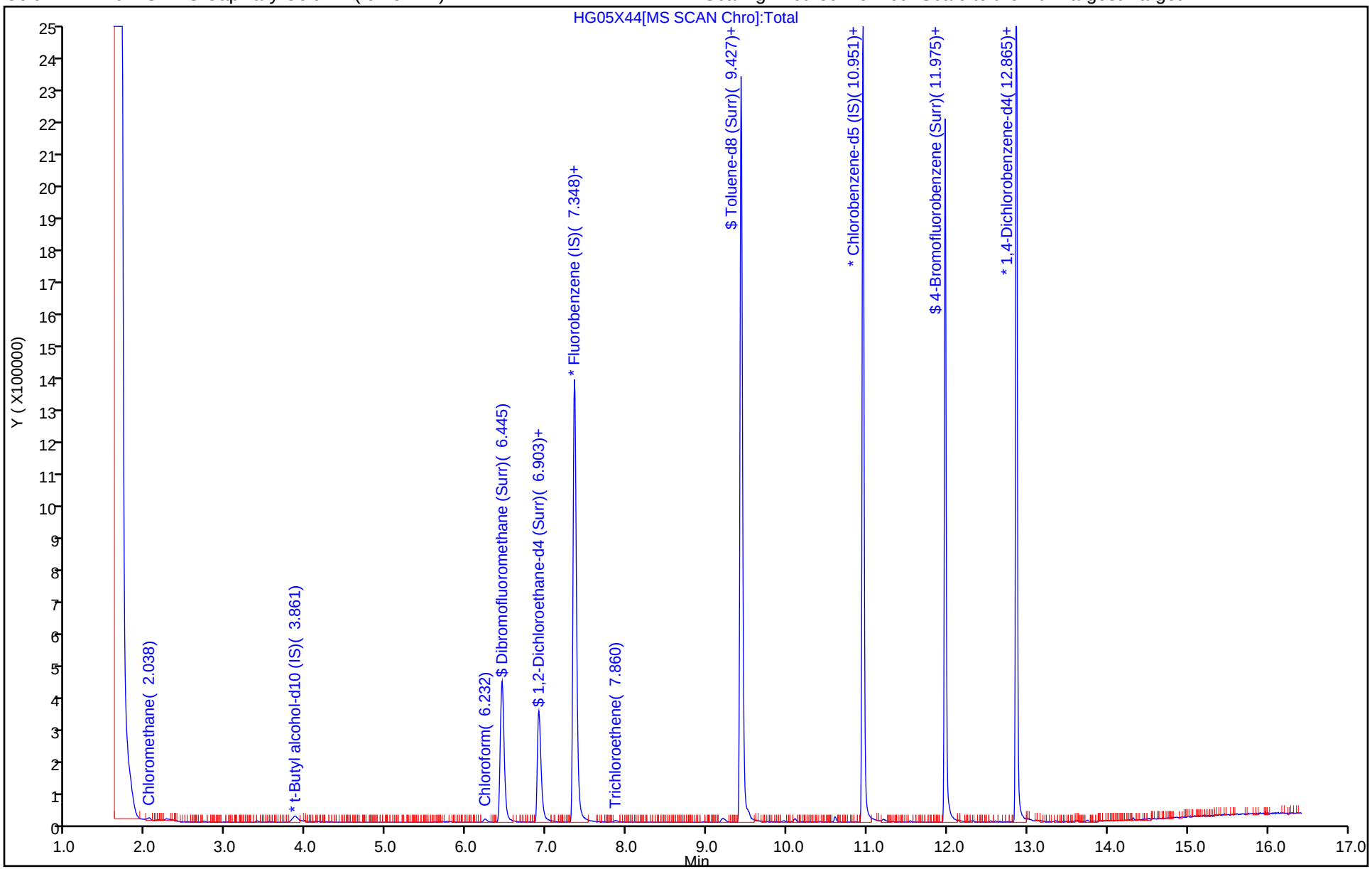
Report Date: 06-Aug-2025 11:25:22 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X44.D

Injection Date:	05-Aug-2025 23:30:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	410-234794-A-9	Lab Sample ID:	410-234794-9	Worklist Smp#:	16
Client ID:	HD-COD-SW-26-0/1-0				
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\20250805-155612.b\HG05X44.D
Lims ID: 410-234794-A-9
Client ID: HD-COD-SW-26-0/1-0
Sample Type: Client
Inject. Date: 05-Aug-2025 23:30:30 ALS Bottle#: 14 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155612-016
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 06-Aug-2025 11:24:40 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1671

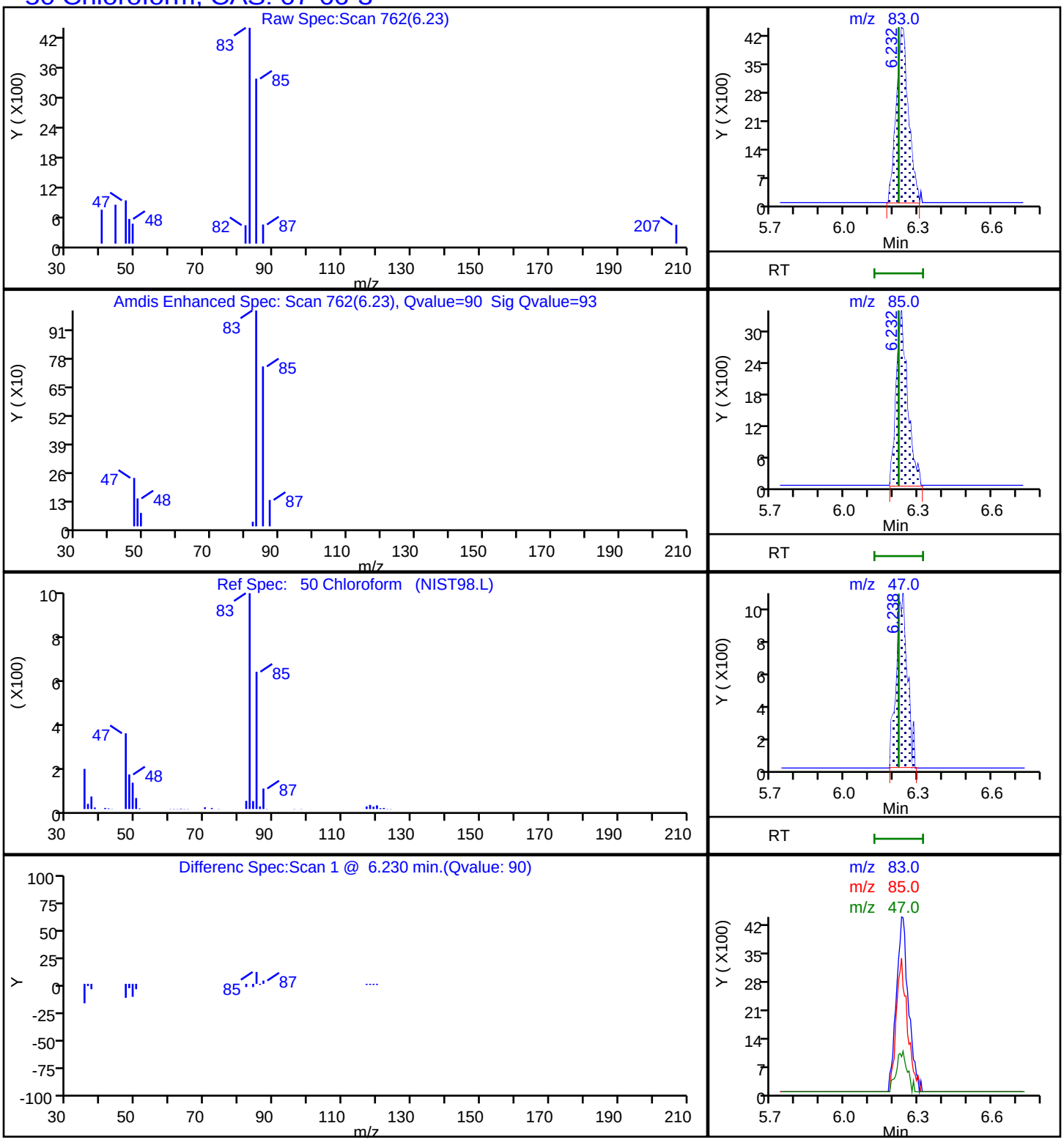
First Level Reviewer: N9NA Date: 06-Aug-2025 11:25:21

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	10.0	100.48
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.4	104.04
$ 83 Toluene-d8 (Surr)	10.0	9.79	97.86
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.73	97.25

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X44.D				
Injection Date:	05-Aug-2025 23:30:30	Instrument ID:	19094		
Lims ID:	410-234794-A-9	Lab Sample ID:	410-234794-9		
Client ID:	HD-COD-SW-26-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	14	Worklist Smp#:	16
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

50 Chloroform, CAS: 67-66-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-27-0/1-0
Lab Sample ID: 410-234794-10

Matrix: Water
Lab File ID: HG05X45.D

Analysis Method: 8260D
Date Collected: 07/29/2025 09:20

Sample wt/vol: 25(mL)
Date Analyzed: 08/05/2025 23:50

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.: 681140
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	0.12	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	ND		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	ND		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-27-0/1-0
Lab Sample ID: 410-234794-10

Matrix: Water
Lab File ID: HG05X45.D

Analysis Method: 8260D
Date Collected: 07/29/2025 09:20

Sample wt/vol: 25(mL)
Date Analyzed: 08/05/2025 23:50

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.: 681140
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	0.093	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)	96		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\20250805-155612.b\HG05X45.D
Lims ID: 410-234794-A-10
Client ID: HD-COD-SW-27-0/1-0
Sample Type: Client
Inject. Date: 05-Aug-2025 23:50:30 ALS Bottle#: 15 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155612-017
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 06-Aug-2025 11:27:07 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1671

First Level Reviewer: N9NA Date: 06-Aug-2025 11:27:07

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
	5 Chloromethane	50		2.008				ND	7
	6 Vinyl chloride	62		2.111				ND	
	9 Bromomethane	94		2.392				ND	
	10 Chloroethane	64		2.471				ND	
	17 1,1-Dichloroethene	96		3.245				ND	
	19 Acetone	43		3.276				ND	U
	23 Carbon disulfide	76		3.526				ND	7
	27 Methylene Chloride	84		3.843				ND	
*	28 t-Butyl alcohol-d10 (IS)	65	3.867	3.855	0.012	96	80360	50.0	
	32 Methyl tert-butyl ether	73		4.208				ND	
	33 trans-1,2-Dichloroethene	96		4.233				ND	
	36 1,1-Dichloroethane	63		4.879				ND	
	41 2-Butanone (MEK)	43		5.690				ND	
	42 cis-1,2-Dichloroethene	96	5.769	5.726	0.043	79	4023	0.0665	M
	48 Chlorobromomethane	128		6.062				ND	
	50 Chloroform	83	6.232	6.220	0.012	92	11907	0.1192	
$	52 Dibromofluoromethane (Surr)	113	6.439	6.440	-0.001	93	458855	10.0	
	53 1,1,1-Trichloroethane	97		6.452				ND	
	56 Carbon tetrachloride	117		6.671				ND	
$	58 1,2-Dichloroethane-d4 (Surr)	102	6.897	6.897	0.000	76	82472	9.91	
	59 Benzene	78		6.933				ND	7
	60 1,2-Dichloroethane	62		7.007				ND	
*	64 Fluorobenzene (IS)	96	7.348	7.348	0.000	99	1977864	10.0	
	68 Trichloroethene	95	7.860	7.836	0.024	92	5985	0.0933	M
	70 1,2-Dichloropropane	63		8.171				ND	
	76 Dichlorobromomethane	83		8.525				ND	7
	80 cis-1,3-Dichloropropene	75		9.098				ND	
	82 4-Methyl-2-pentanone (MIBK)	43		9.281				ND	
$	83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1975682	9.73	
	84 Toluene	92	9.518	9.506	0.012	98	8065	0.0512	
	85 trans-1,3-Dichloropropene	75		9.787				ND	
	106 1,1,2-Trichloroethane	97		10.000				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.097	10.091	0.006	93	4505	0.0606	
109 2-Hexanone	43		10.225				ND	7
111 Chlorodibromomethane	129		10.390				ND	
112 Ethylene Dibromide	107		10.506				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	86	1460084	10.0	
115 Chlorobenzene	112		10.975				ND	
116 1,1,1,2-Tetrachloroethane	131		11.061				ND	
117 Ethylbenzene	91		11.067				ND	7
119 m-Xylene & p-Xylene	106		11.189				ND	7
S 118 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.518				ND	7
121 Styrene	104		11.536				ND	
122 Bromoform	173		11.695				ND	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	704870	9.61	
127 1,1,2,2-Tetrachloroethane	83		12.079				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	789797	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated
U - Marked Undetected

Reagents:

MSV_LLcentISS_00017 Amount Added: 5.00 Units: uL Run Reagent

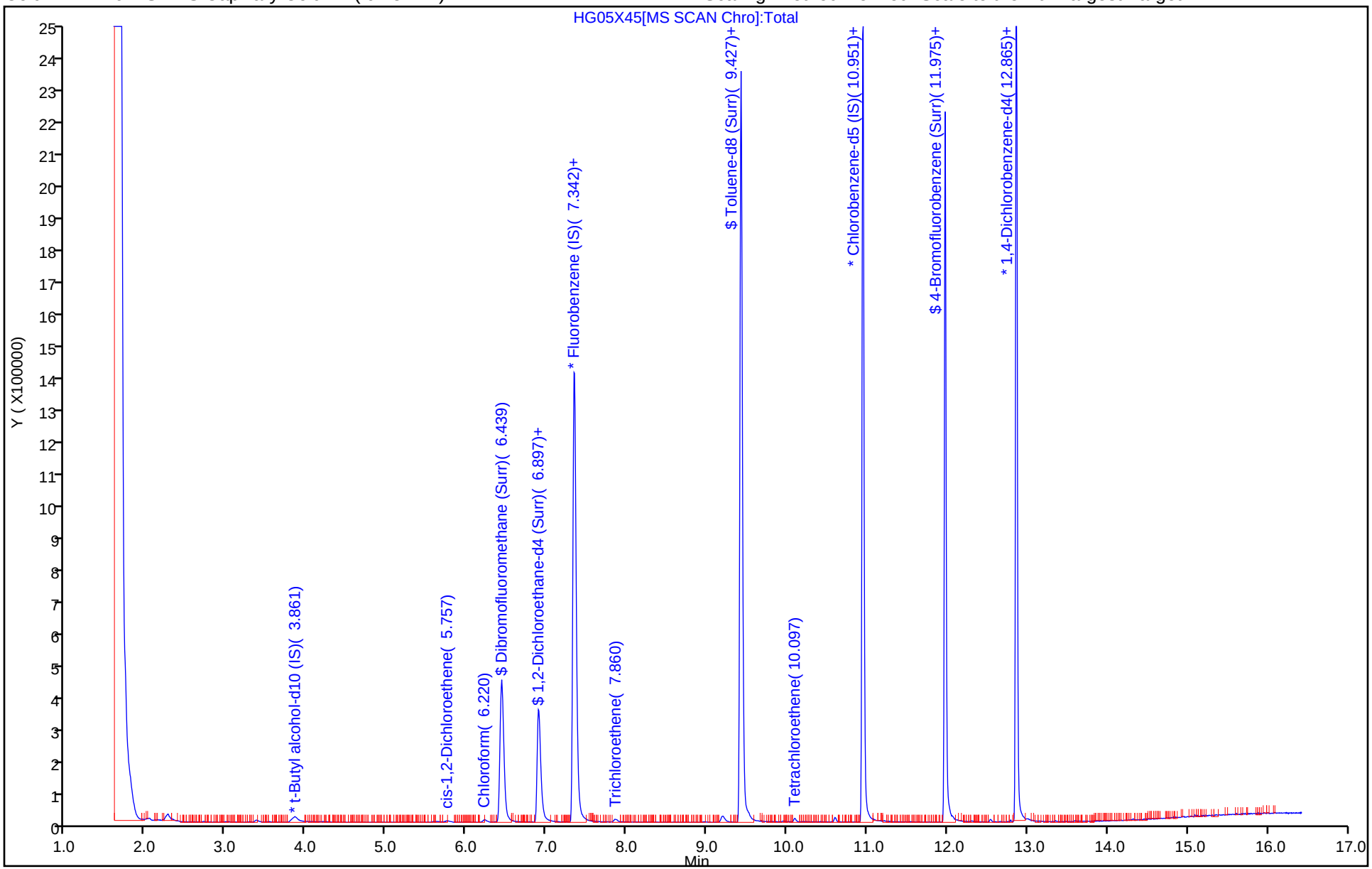
Report Date: 06-Aug-2025 11:27:07 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X45.D

Injection Date:	05-Aug-2025 23:50:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	410-234794-A-10	Lab Sample ID:	410-234794-10	Worklist Smp#:	17
Client ID:	HD-COD-SW-27-0/1-0				
Purge Vol:	25.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X45.D
Lims ID: 410-234794-A-10
Client ID: HD-COD-SW-27-0/1-0
Sample Type: Client
Inject. Date: 05-Aug-2025 23:50:30 ALS Bottle#: 15 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155612-017
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 06-Aug-2025 11:27:07 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1671

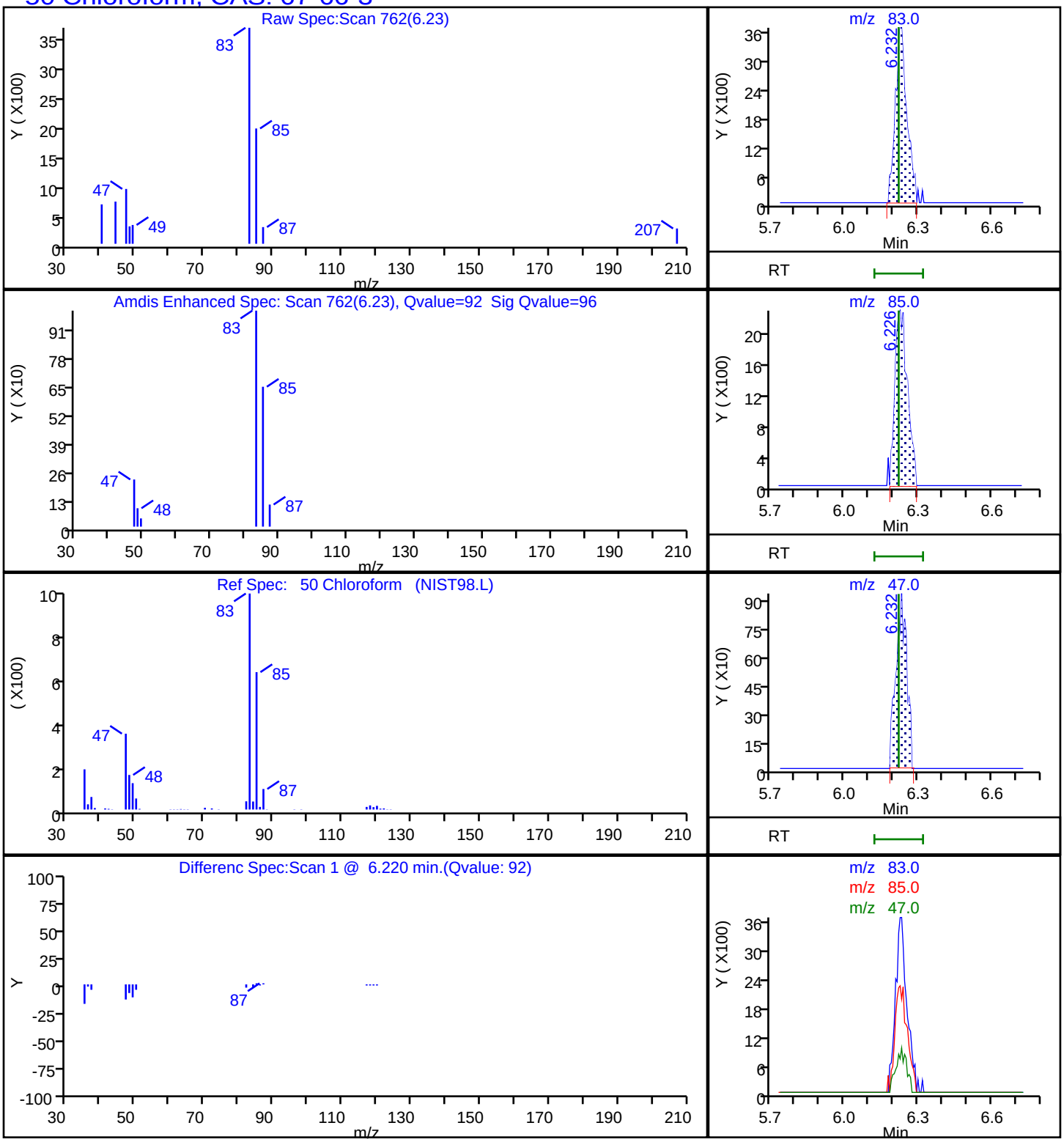
First Level Reviewer: N9NA Date: 06-Aug-2025 11:27:07

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	10.0	99.95
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	9.91	99.07
$ 83 Toluene-d8 (Surr)	10.0	9.73	97.27
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.61	96.10

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X45.D				
Injection Date:	05-Aug-2025 23:50:30	Instrument ID:	19094		
Lims ID:	410-234794-A-10	Lab Sample ID:	410-234794-10		
Client ID:	HD-COD-SW-27-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	15	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)	Detector	MS Quad		

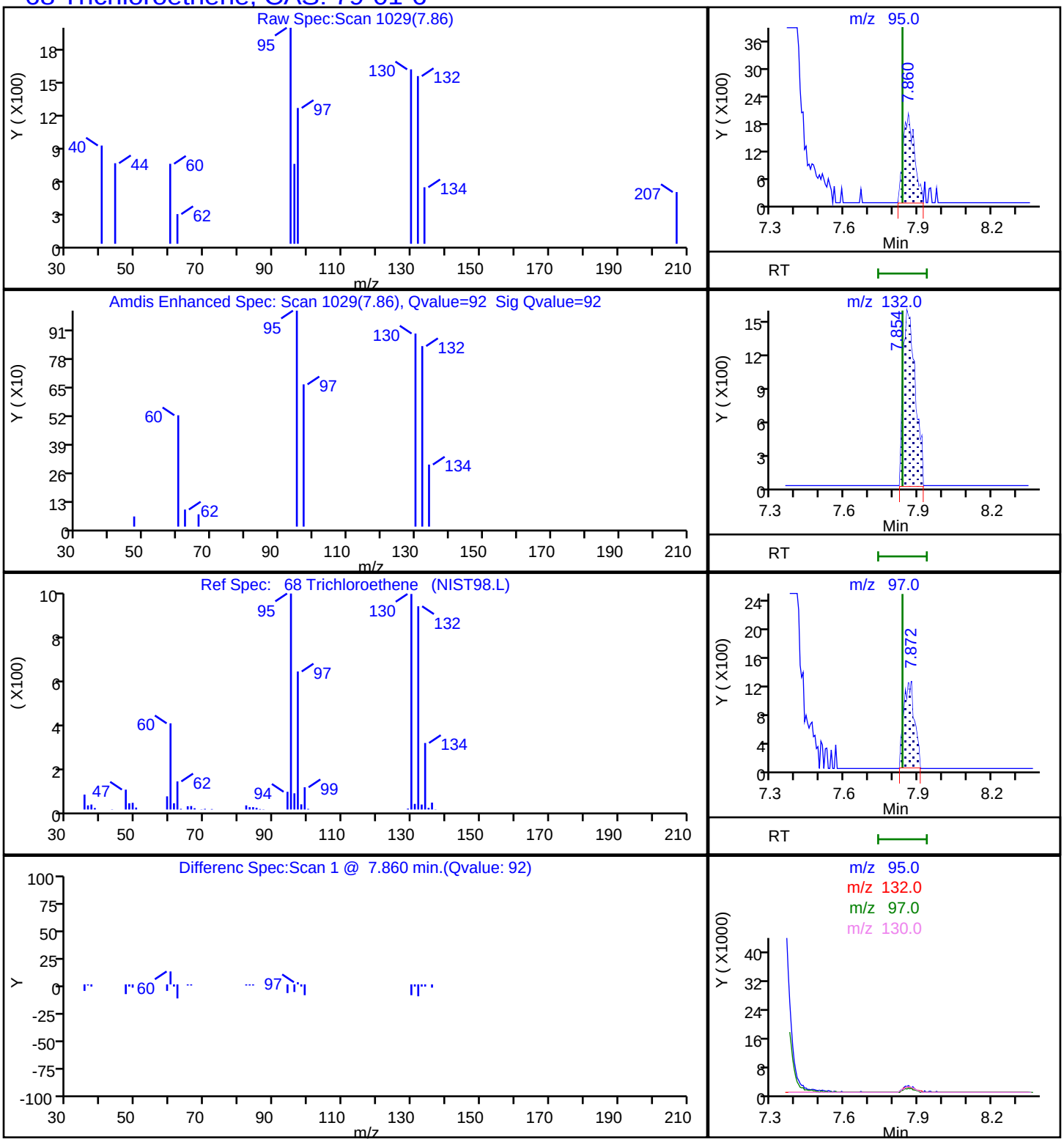
50 Chloroform, CAS: 67-66-3



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X45.D				
Injection Date:	05-Aug-2025 23:50:30	Instrument ID:	19094		
Lims ID:	410-234794-A-10	Lab Sample ID:	410-234794-10		
Client ID:	HD-COD-SW-27-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	15	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)	Detector	MS Quad		

68 Trichloroethene, CAS: 79-01-6



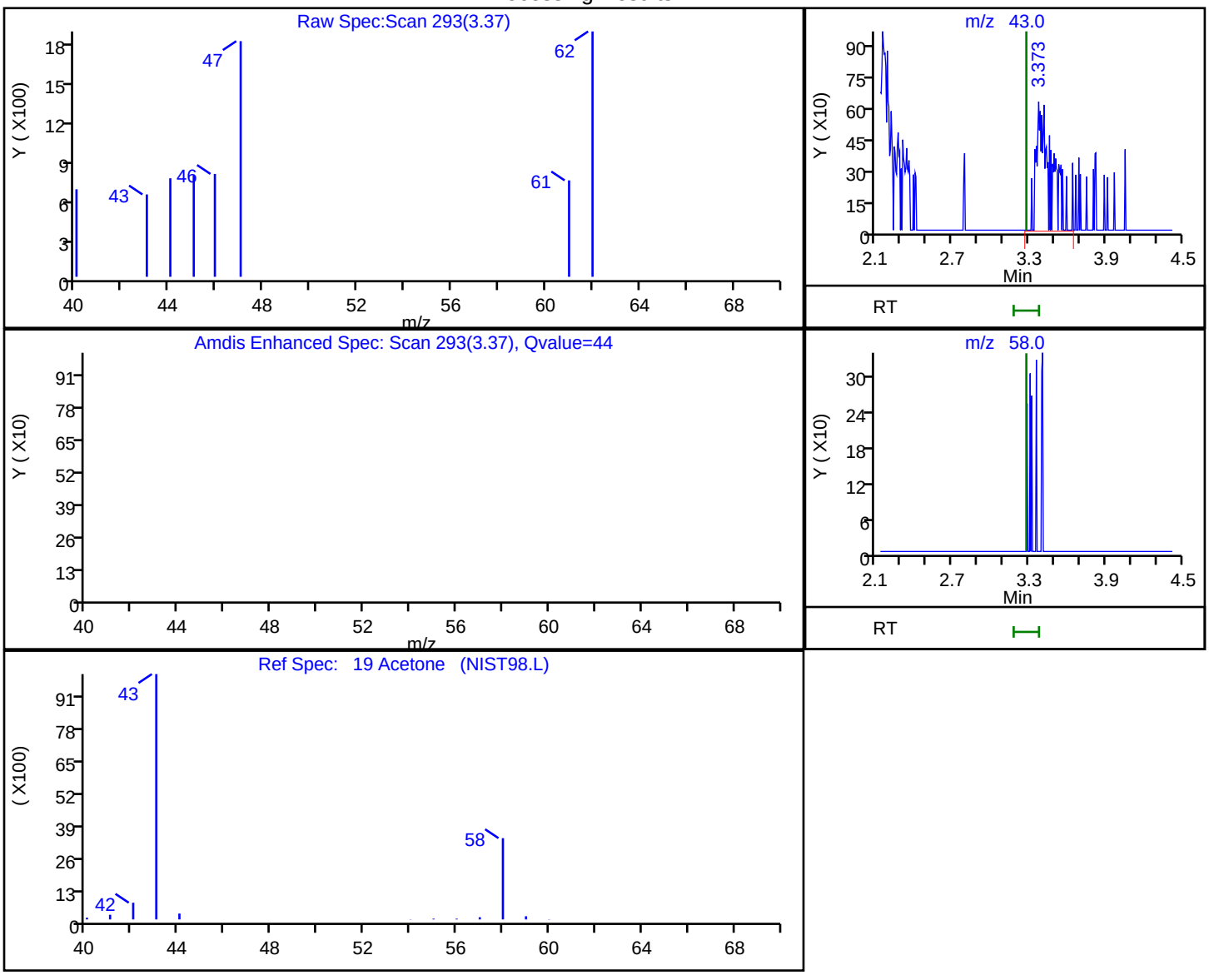
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X45.D				
Injection Date:	05-Aug-2025 23:50:30	Instrument ID:	19094		
Lims ID:	410-234794-A-10	Lab Sample ID:	410-234794-10		
Client ID:	HD-COD-SW-27-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	15	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)	Detector	MS Quad		

19 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
3.37	43.00	4821	0.844472
3.28	58.00	0	

Reviewer: N9NA, 06-Aug-2025 11:26:22 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

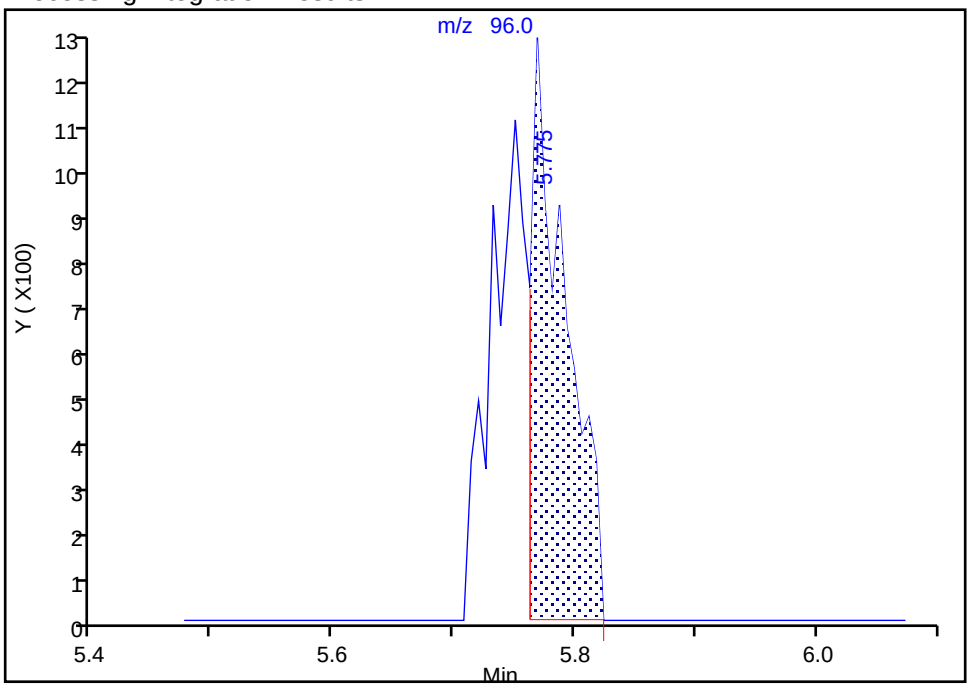
Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X45.D				
Injection Date:	05-Aug-2025 23:50:30	Instrument ID:	19094		
Lims ID:	410-234794-A-10	Lab Sample ID:	410-234794-10		
Client ID:	HD-COD-SW-27-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	15	Worklist Smp#:	17
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Signal: 1

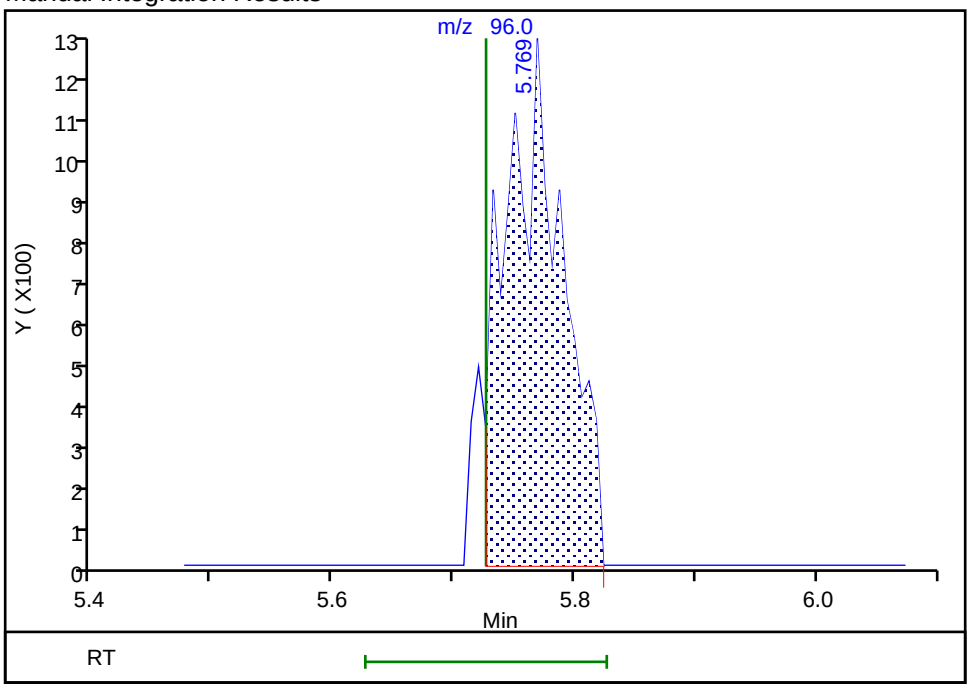
Processing Integration Results

RT: 5.77
Area: 2396
Amount: 0.039578
Amount Units: ug/l



Manual Integration Results

RT: 5.77
Area: 4023
Amount: 0.066453
Amount Units: ug/l



Reviewer: N9NA, 06-Aug-2025 11:26:41 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

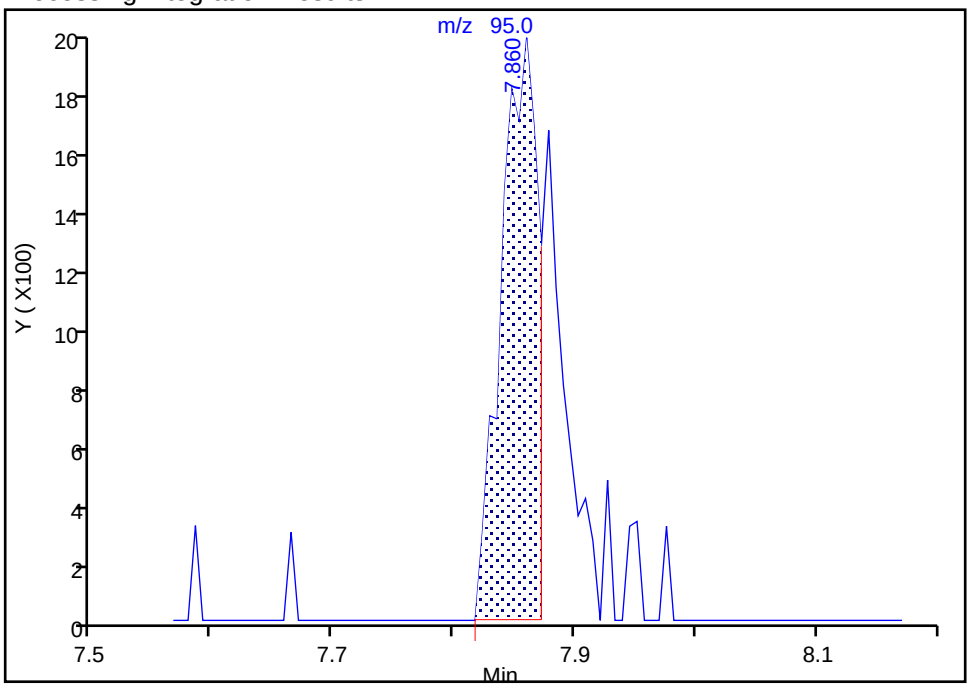
Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X45.D				
Injection Date:	05-Aug-2025 23:50:30	Instrument ID:	19094		
Lims ID:	410-234794-A-10	Lab Sample ID:	410-234794-10		
Client ID:	HD-COD-SW-27-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	15	Worklist Smp#:	17
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

68 Trichloroethene, CAS: 79-01-6

Signal: 1

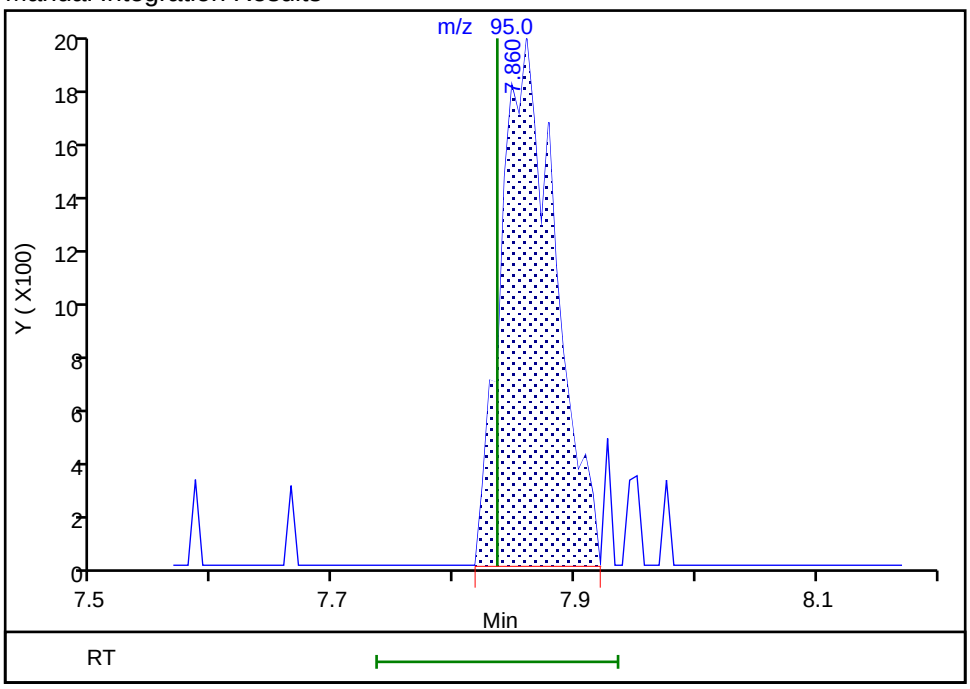
Processing Integration Results

RT: 7.86
Area: 4126
Amount: 0.064296
Amount Units: ug/l



Manual Integration Results

RT: 7.86
Area: 5985
Amount: 0.093265
Amount Units: ug/l



Reviewer: N9NA, 06-Aug-2025 11:26:56 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.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-28-0/1-0
Lab Sample ID: 410-234794-11

Matrix: Water
Lab File ID: HG05X46.D

Analysis Method: 8260D
Date Collected: 07/29/2025 10:25

Sample wt/vol: 25(mL)
Date Analyzed: 08/06/2025 00:11

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 681140
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	0.15	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	ND		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
127-18-4	Tetrachloroethene	ND		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-28-0/1-0
Lab Sample ID: 410-234794-11

Matrix: Water
Lab File ID: HG05X46.D

Analysis Method: 8260D
Date Collected: 07/29/2025 10:25

Sample wt/vol: 25(mL)
Date Analyzed: 08/06/2025 00:11

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 681140
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	0.097	J	0.50	0.080
75-01-4	Vinyl chloride	ND		0.50	0.10
1330-20-7	Xylenes, Total	ND		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		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\20250805-155612.b\HG05X46.D
Lims ID: 410-234794-A-11
Client ID: HD-COD-SW-28-0/1-0
Sample Type: Client
Inject. Date: 06-Aug-2025 00:11:30 ALS Bottle#: 16 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155612-018
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Aug-2025 22:31:17 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1671

First Level Reviewer: N9NA Date: 06-Aug-2025 11:39:07

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
	5 Chloromethane	50	2.014	2.008	0.006	94	4010	0.0472	
	6 Vinyl chloride	62		2.111				ND	
	9 Bromomethane	94		2.392				ND	
	10 Chloroethane	64		2.471				ND	
	17 1,1-Dichloroethene	96		3.245				ND	
	19 Acetone	43		3.276				ND	
	23 Carbon disulfide	76		3.526				ND	7
	27 Methylene Chloride	84		3.843				ND	
*	28 t-Butyl alcohol-d10 (IS)	65	3.855	3.855	0.000	97	83736	50.0	
	32 Methyl tert-butyl ether	73		4.208				ND	
	33 trans-1,2-Dichloroethene	96		4.233				ND	
	36 1,1-Dichloroethane	63		4.879				ND	
	41 2-Butanone (MEK)	43		5.690				ND	
	42 cis-1,2-Dichloroethene	96	5.745	5.726	0.019	68	4265	0.0703	
	48 Chlorobromomethane	128		6.062				ND	
	50 Chloroform	83	6.226	6.220	0.006	94	14664	0.1466	
$	52 Dibromofluoromethane (Surr)	113	6.446	6.440	0.006	94	457906	9.96	
	53 1,1,1-Trichloroethane	97		6.452				ND	7
	56 Carbon tetrachloride	117		6.671				ND	
$	58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.897	0.006	46	84767	10.2	
	59 Benzene	78	6.946	6.933	0.013	42	6370	0.0260	
	60 1,2-Dichloroethane	62		7.007				ND	
*	64 Fluorobenzene (IS)	96	7.348	7.348	0.000	99	1980755	10.0	
	68 Trichloroethene	95	7.866	7.836	0.030	91	6240	0.0971	
	70 1,2-Dichloropropane	63		8.171				ND	
	76 Dichlorobromomethane	83		8.525				ND	7
	80 cis-1,3-Dichloropropene	75		9.098				ND	
	82 4-Methyl-2-pentanone (MIBK)	43		9.281				ND	
$	83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1970811	9.74	
	84 Toluene	92	9.518	9.506	0.012	98	8926	0.0569	
	85 trans-1,3-Dichloropropene	75		9.787				ND	
	106 1,1,2-Trichloroethane	97		10.000				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.097	10.091	0.006	94	13001	0.1755	
109 2-Hexanone	43		10.225				ND	
111 Chlorodibromomethane	129		10.390				ND	
112 Ethylene Dibromide	107		10.506				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1454732	10.0	
115 Chlorobenzene	112		10.975				ND	
116 1,1,1,2-Tetrachloroethane	131		11.061				ND	
117 Ethylbenzene	91		11.067				ND	7
119 m-Xylene & p-Xylene	106		11.189				ND	7
S 118 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.518				ND	7
121 Styrene	104		11.536				ND	
122 Bromoform	173		11.695				ND	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	90	710338	9.72	
127 1,1,2,2-Tetrachloroethane	83		12.079				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	783994	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_LLcentISS_00017 Amount Added: 5.00 Units: uL Run Reagent

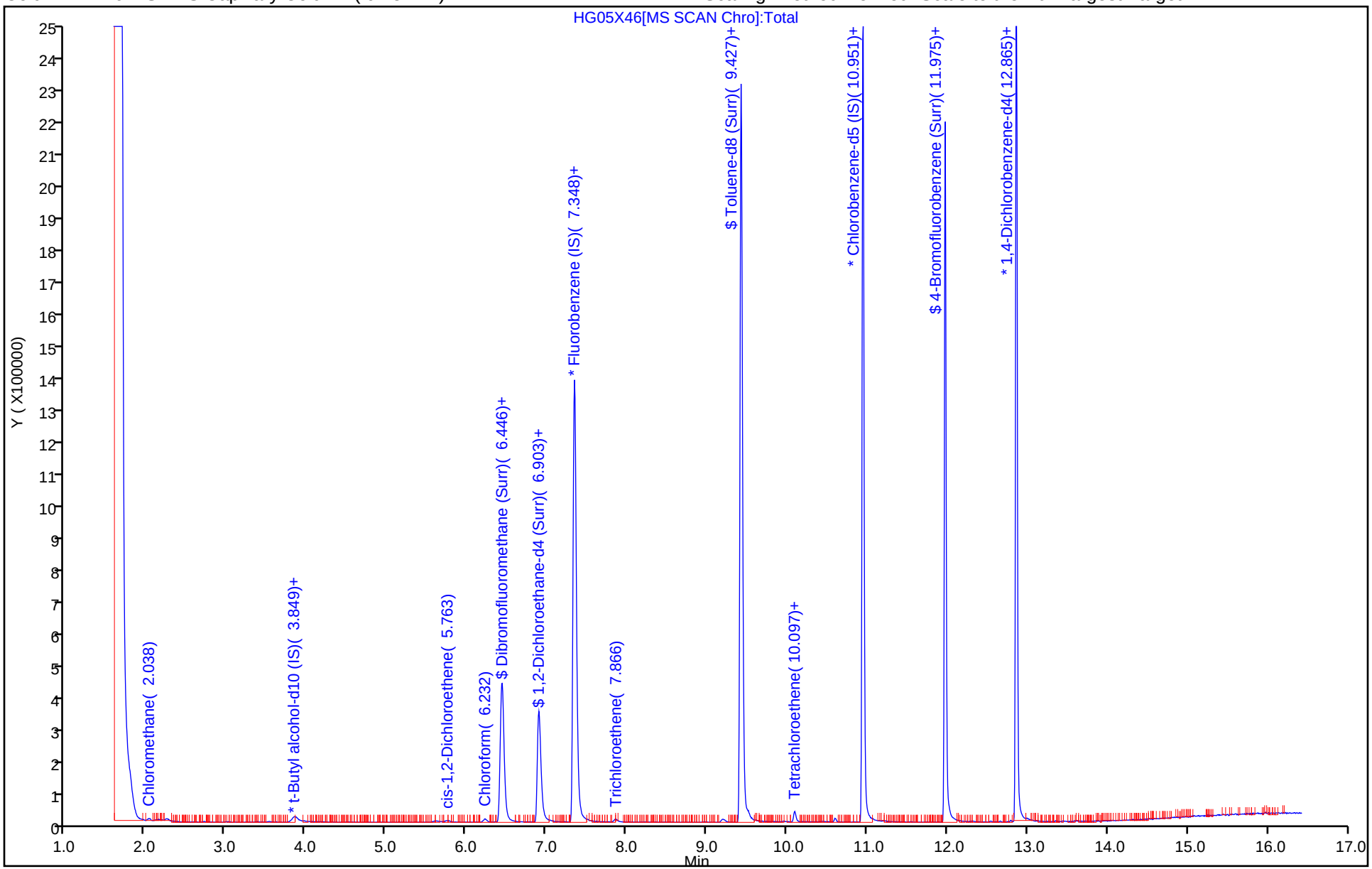
Report Date: 06-Aug-2025 11:39:07 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X46.D

Injection Date:	06-Aug-2025 00:11:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	410-234794-A-11	Lab Sample ID:	410-234794-11	Worklist Smp#:	18
Client ID:	HD-COD-SW-28-0/1-0				
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\20250805-155612.b\HG05X46.D				
Lims ID:	410-234794-A-11				
Client ID:	HD-COD-SW-28-0/1-0				
Sample Type:	Client				
Inject. Date:	06-Aug-2025 00:11:30	ALS Bottle#:	16	Worklist Smp#:	18
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0155612-018				
Operator ID:	gaw91131	Instrument ID:	19094		
Method:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m				
Limit Group:	MSV - 8260C_D				
Last Update:	05-Aug-2025 22:31:17	Calib Date:	10-Jul-2025 06:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1671				

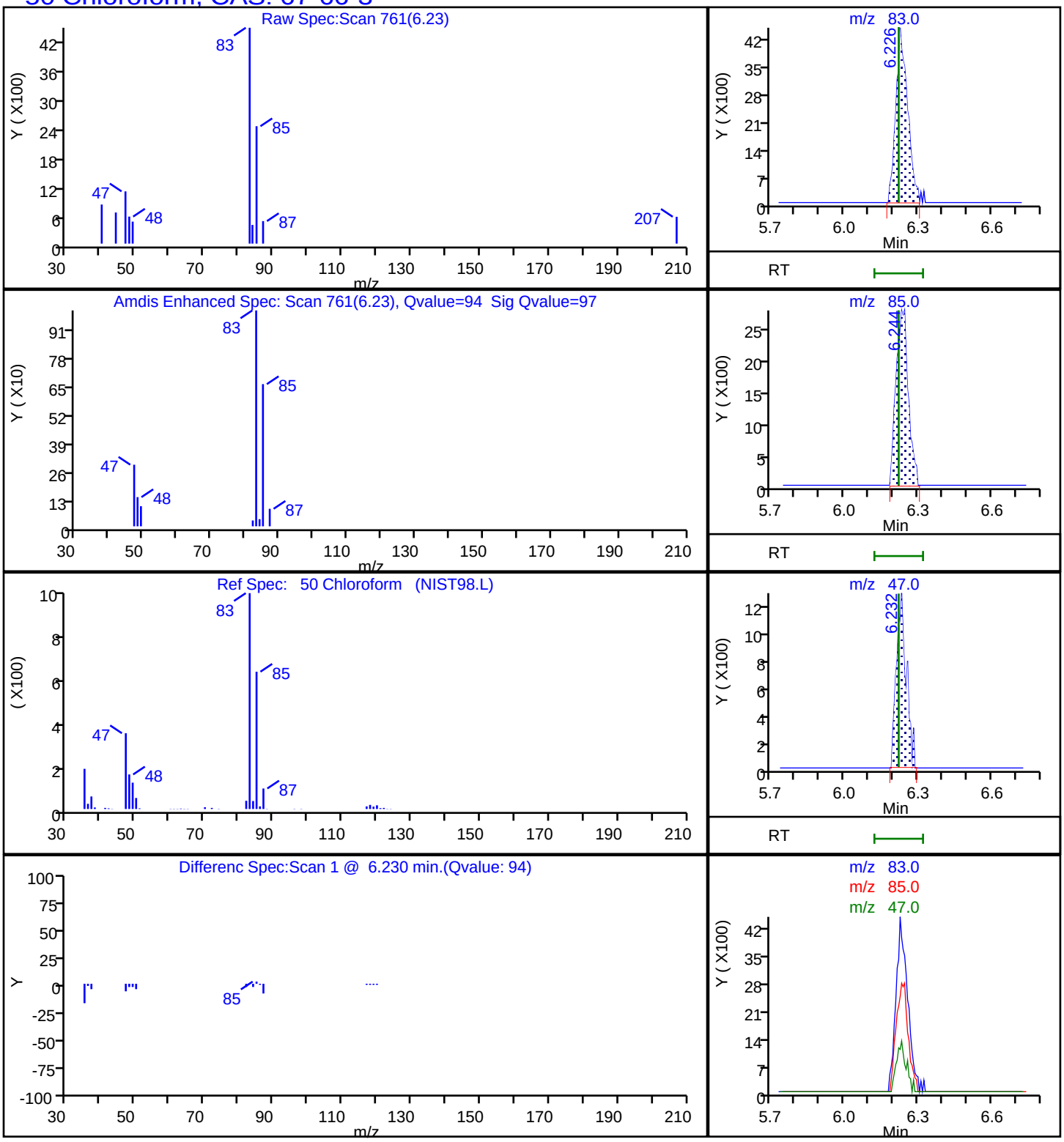
First Level Reviewer: N9NA Date: 06-Aug-2025 11:39:07

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	9.96	99.60
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.2	101.68
$ 83 Toluene-d8 (Surr)	10.0	9.74	97.38
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.72	97.20

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X46.D				
Injection Date:	06-Aug-2025 00:11:30	Instrument ID:	19094		
Lims ID:	410-234794-A-11	Lab Sample ID:	410-234794-11		
Client ID:	HD-COD-SW-28-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	16	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 (0.25 mm)	Detector	MS Quad		

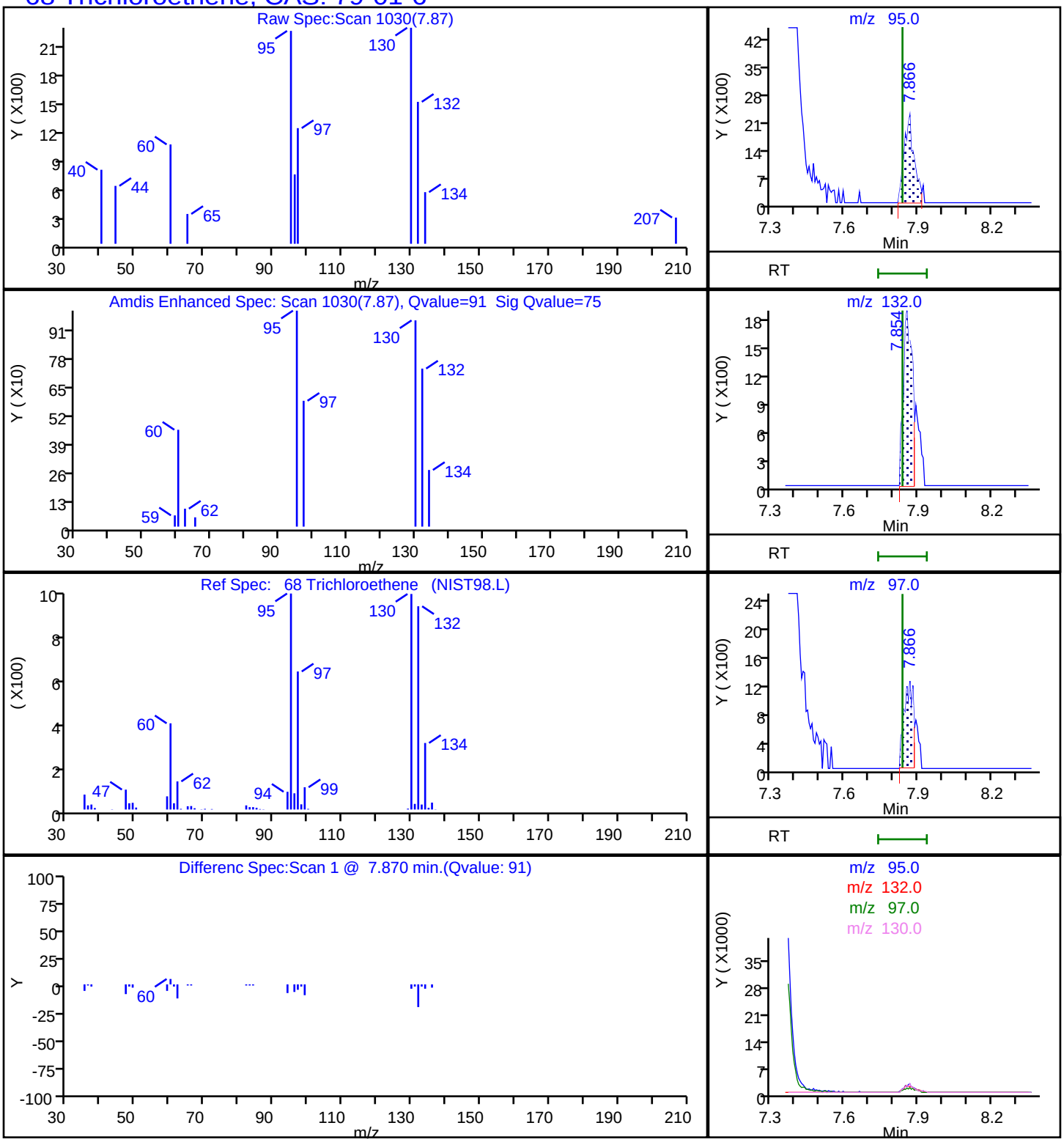
50 Chloroform, CAS: 67-66-3



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X46.D				
Injection Date:	06-Aug-2025 00:11:30	Instrument ID:	19094		
Lims ID:	410-234794-A-11	Lab Sample ID:	410-234794-11		
Client ID:	HD-COD-SW-28-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	16	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 (0.25 mm)	Detector	MS Quad		

68 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-29-0/1-0
Lab Sample ID: 410-234794-12

Matrix: Water
Lab File ID: HG05X47.D

Analysis Method: 8260D
Date Collected: 07/29/2025 07:00

Sample wt/vol: 25(mL)
Date Analyzed: 08/06/2025 00:31

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.: 681140
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	0.42	J	0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-29-0/1-0
Lab Sample ID: 410-234794-12

Matrix: Water
Lab File ID: HG05X47.D

Analysis Method: 8260D
Date Collected: 07/29/2025 07:00

Sample wt/vol: 25(mL)
Date Analyzed: 08/06/2025 00:31

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.: 681140
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	0.096	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)	103		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	100		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\20250805-155612.b\HG05X47.D
Lims ID: 410-234794-A-12
Client ID: HD-COD-SW-29-0/1-0
Sample Type: Client
Inject. Date: 06-Aug-2025 00:31:30 ALS Bottle#: 17 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155612-019
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Aug-2025 23:15:13 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1671

First Level Reviewer: N9NA Date: 06-Aug-2025 12:17:28

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
	5 Chloromethane	50	2.001	2.008	-0.007	86	2823	0.0333	
	6 Vinyl chloride	62		2.111				ND	7
	9 Bromomethane	94		2.392				ND	
	10 Chloroethane	64		2.471				ND	
	17 1,1-Dichloroethene	96		3.245				ND	
	19 Acetone	43		3.276				ND	
	23 Carbon disulfide	76		3.526				ND	7
	27 Methylene Chloride	84		3.843				ND	
*	28 t-Butyl alcohol-d10 (IS)	65	3.855	3.855	0.000	97	85262	50.0	
	32 Methyl tert-butyl ether	73		4.208				ND	
	33 trans-1,2-Dichloroethene	96		4.233				ND	
	36 1,1-Dichloroethane	63		4.879				ND	
	41 2-Butanone (MEK)	43		5.690				ND	
	42 cis-1,2-Dichloroethene	96	5.769	5.726	0.043	76	4800	0.0793	
	48 Chlorobromomethane	128		6.062				ND	
	50 Chloroform	83	6.226	6.220	0.006	92	8921	0.0894	
$	52 Dibromofluoromethane (Surr)	113	6.439	6.440	-0.001	94	458644	10.0	
	53 1,1,1-Trichloroethane	97		6.452				ND	7
	56 Carbon tetrachloride	117		6.671				ND	
$	58 1,2-Dichloroethane-d4 (Surr)	102	6.897	6.897	0.000	74	85675	10.3	
	59 Benzene	78		6.933				ND	7
	60 1,2-Dichloroethane	62		7.007				ND	
*	64 Fluorobenzene (IS)	96	7.342	7.348	-0.006	99	1976430	10.0	
	68 Trichloroethene	95	7.848	7.836	0.012	93	6144	0.0958	
	70 1,2-Dichloropropane	63		8.171				ND	
	76 Dichlorobromomethane	83		8.525				ND	
	80 cis-1,3-Dichloropropene	75		9.098				ND	
	82 4-Methyl-2-pentanone (MIBK)	43		9.281				ND	
$	83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1996508	9.88	
	84 Toluene	92	9.512	9.506	0.006	62	9424	0.0602	
	85 trans-1,3-Dichloropropene	75		9.787				ND	
	106 1,1,2-Trichloroethane	97		10.000				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.091	10.091	0.000	98	30775	0.4161	
109 2-Hexanone	43		10.225				ND	7
111 Chlorodibromomethane	129		10.390				ND	
112 Ethylene Dibromide	107		10.506				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1452398	10.0	
115 Chlorobenzene	112		10.975				ND	
116 1,1,1,2-Tetrachloroethane	131		11.061				ND	
117 Ethylbenzene	91		11.067				ND	7
119 m-Xylene & p-Xylene	106		11.189				ND	7
S 118 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.518				ND	7
121 Styrene	104		11.536				ND	
122 Bromoform	173		11.695				ND	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	711145	9.75	
127 1,1,2,2-Tetrachloroethane	83		12.079				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	792290	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

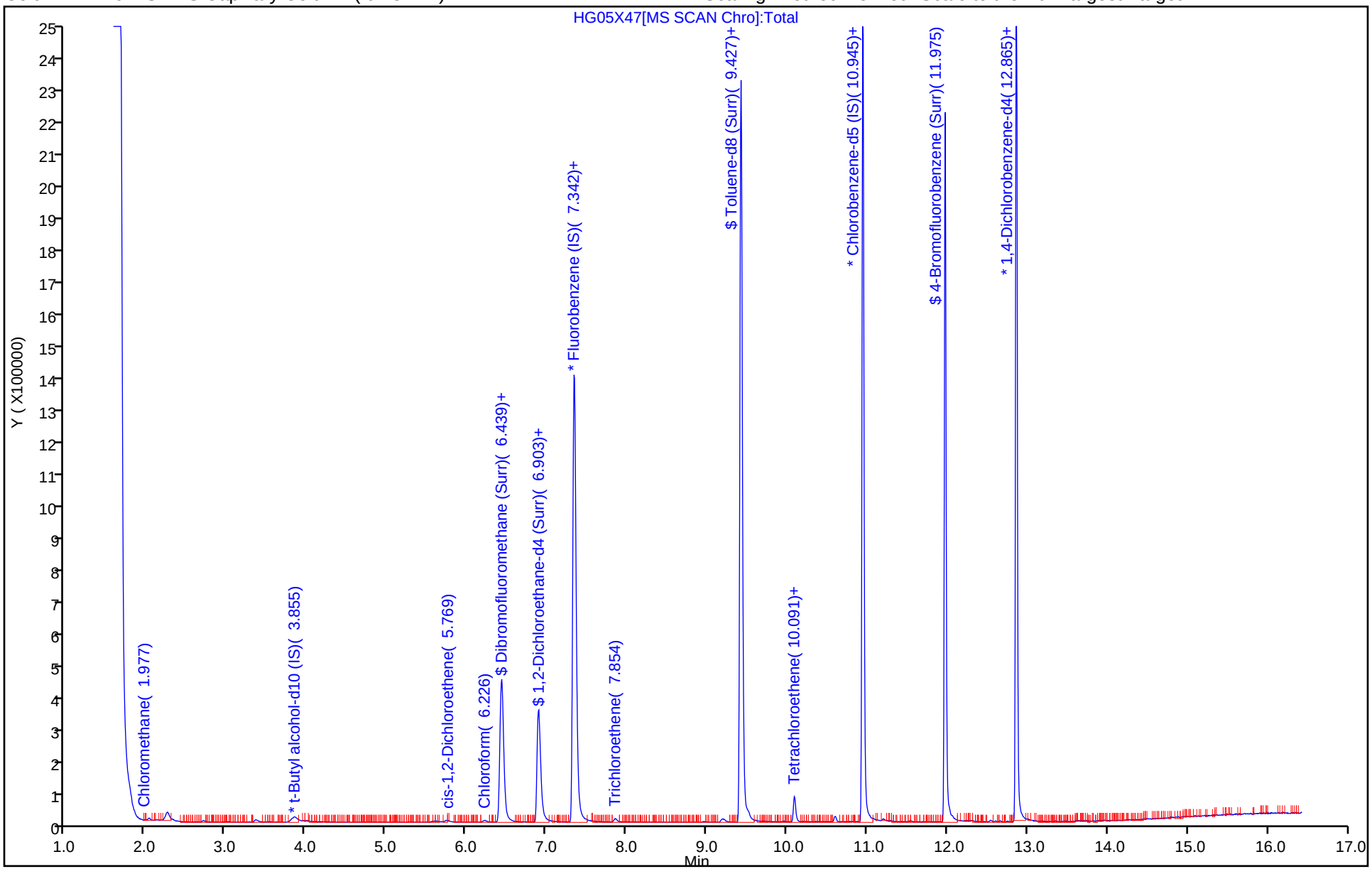
MSV_LLcentISS_00017 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 06-Aug-2025 12:17:29 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X47.D				
Injection Date:	06-Aug-2025 00:31:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	410-234794-A-12	Lab Sample ID:	410-234794-12	Worklist Smp#:	19
Client ID:	HD-COD-SW-29-0/1-0				
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\20250805-155612.b\HG05X47.D
Lims ID: 410-234794-A-12
Client ID: HD-COD-SW-29-0/1-0
Sample Type: Client
Inject. Date: 06-Aug-2025 00:31:30 ALS Bottle#: 17 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155612-019
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Aug-2025 23:15:13 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1671

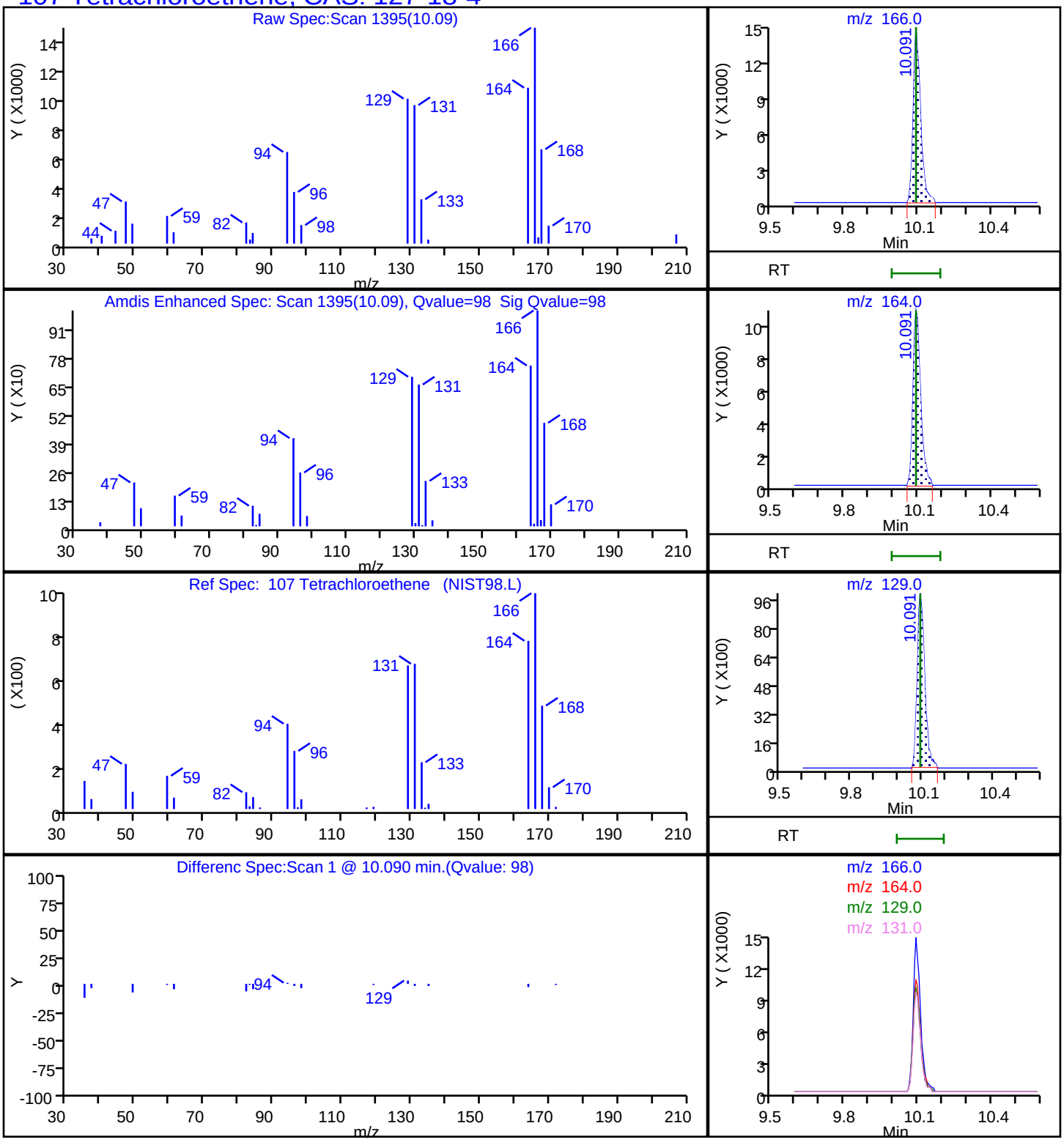
First Level Reviewer: N9NA Date: 06-Aug-2025 12:17:28

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	10.0	99.98
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.3	103.00
$ 83 Toluene-d8 (Surr)	10.0	9.88	98.81
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.75	97.47

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X47.D				
Injection Date:	06-Aug-2025 00:31:30	Instrument ID:	19094		
Lims ID:	410-234794-A-12	Lab Sample ID:	410-234794-12		
Client ID:	HD-COD-SW-29-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	17	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 (0.25 mm)	Detector	MS Quad		

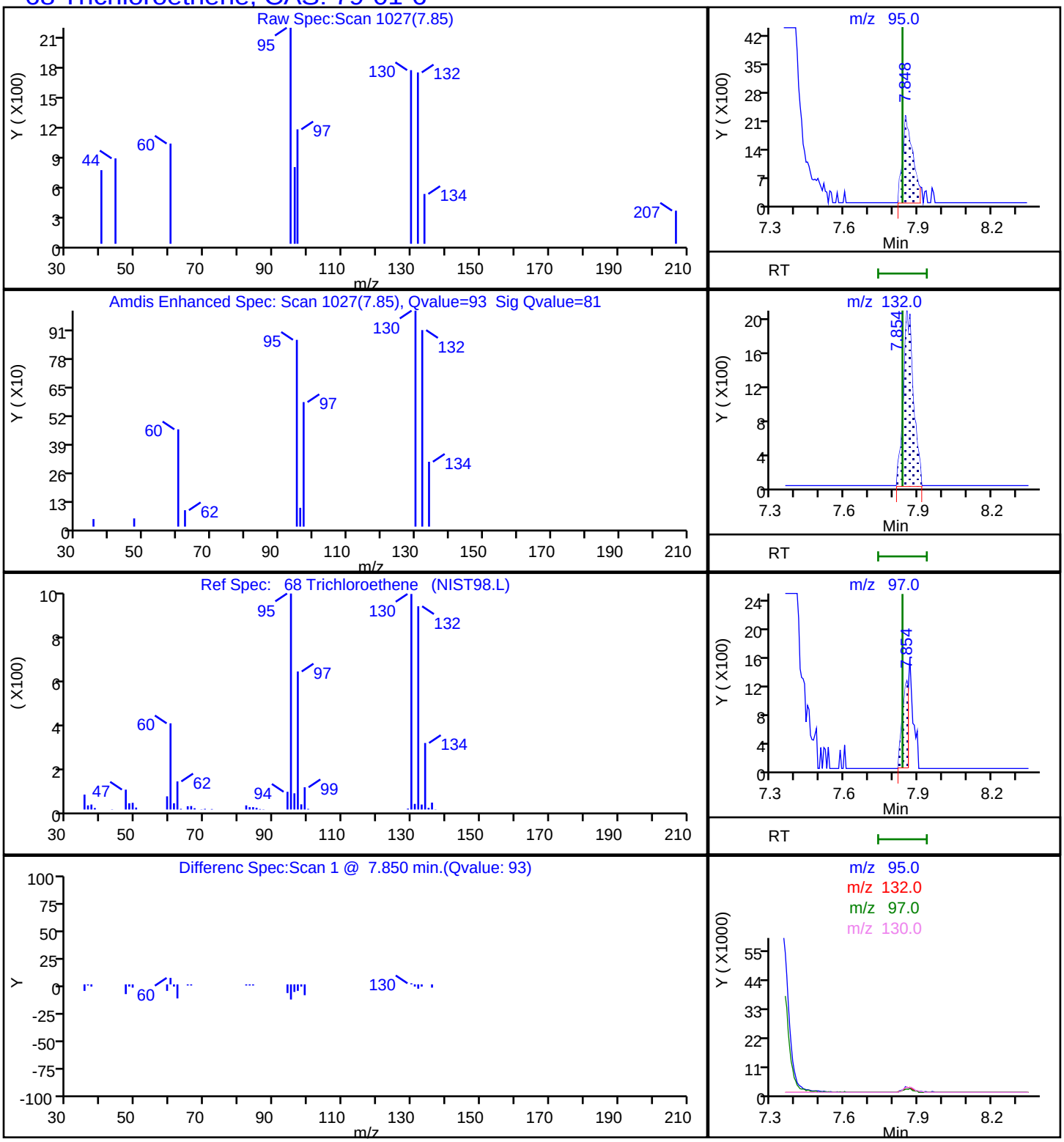
107 Tetrachloroethene, CAS: 127-18-4



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X47.D				
Injection Date:	06-Aug-2025 00:31:30	Instrument ID:	19094		
Lims ID:	410-234794-A-12	Lab Sample ID:	410-234794-12		
Client ID:	HD-COD-SW-29-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	17	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 (0.25 mm)	Detector	MS Quad		

68 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-QC1-0/1-1
Lab Sample ID: 410-234794-13

Matrix: Water
Lab File ID: HG05X58.D

Analysis Method: 8260D
Date Collected: 07/29/2025 08:00

Sample wt/vol: 25(mL)
Date Analyzed: 08/06/2025 04:19

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 681140
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	9.5		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	1.6		0.50	0.10
75-35-4	1,1-Dichloroethene	0.71		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	ND		0.50	0.080
107-06-2	1,2-Dichloroethane	ND		0.50	0.070
78-87-5	1,2-Dichloropropane	ND		0.50	0.10
78-93-3	2-Butanone (MEK)	ND		5.0	1.0
591-78-6	2-Hexanone	ND		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	1.0
67-64-1	Acetone	ND		5.0	1.5
71-43-2	Benzene	ND		0.50	0.10
74-97-5	Bromochloromethane	ND		0.50	0.080
75-27-4	Bromodichloromethane	ND		0.50	0.080
75-25-2	Bromoform	ND		1.0	0.30
74-83-9	Bromomethane	ND		0.50	0.10
75-15-0	Carbon disulfide	ND		1.0	0.10
56-23-5	Carbon tetrachloride	ND		0.50	0.10
108-90-7	Chlorobenzene	ND		0.50	0.070
75-00-3	Chloroethane	ND		0.50	0.10
67-66-3	Chloroform	0.19	J	0.50	0.090
74-87-3	Chloromethane	ND		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	2.3		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.10
124-48-1	Dibromochloromethane	ND		0.50	0.080
100-41-4	Ethylbenzene	ND		0.50	0.080
1634-04-4	Methyl tert-butyl ether	ND		0.50	0.080
75-09-2	Methylene Chloride	ND		0.50	0.20
100-42-5	Styrene	ND		0.50	0.070
108-88-3	Toluene	ND		0.50	0.080

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-QC1-0/1-1
Lab Sample ID: 410-234794-13

Matrix: Water
Lab File ID: HG05X58.D

Analysis Method: 8260D
Date Collected: 07/29/2025 08:00

Sample wt/vol: 25(mL)
Date Analyzed: 08/06/2025 04:19

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 681140
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	3.2		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)	102		80-120
460-00-4	4-Bromofluorobenzene (Surr)	95		80-120
1868-53-7	Dibromofluoromethane (Surr)	100		80-120
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X58.D
Lims ID: 410-234794-A-13
Client ID: HD-QC1-0/1-1
Sample Type: Client
Inject. Date: 06-Aug-2025 04:19:30 ALS Bottle#: 28 Worklist Smp#: 31
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155612-031
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 06-Aug-2025 13:52:41 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: UKAD Date: 06-Aug-2025 13:52:19

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
	5 Chloromethane	50		2.008				ND	7
	6 Vinyl chloride	62		2.111				ND	7
	9 Bromomethane	94		2.392				ND	
	10 Chloroethane	64		2.471				ND	
	17 1,1-Dichloroethene	96	3.251	3.245	0.006	97	36461	0.7105	
	19 Acetone	43		3.276				ND	
	23 Carbon disulfide	76		3.526				ND	7
	27 Methylene Chloride	84		3.843				ND	
*	28 t-Butyl alcohol-d10 (IS)	65	3.867	3.855	0.012	97	86087	50.0	
	32 Methyl tert-butyl ether	73		4.208				ND	7
	33 trans-1,2-Dichloroethene	96	4.269	4.233	0.036	90	1644	0.0289	
	36 1,1-Dichloroethane	63	4.891	4.879	0.012	96	176523	1.61	
	41 2-Butanone (MEK)	43		5.690				ND	
	42 cis-1,2-Dichloroethene	96	5.738	5.726	0.012	81	144973	2.34	
	48 Chlorobromomethane	128		6.062				ND	
	50 Chloroform	83	6.232	6.220	0.012	93	19526	0.1914	
$	52 Dibromofluoromethane (Surr)	113	6.440	6.440	0.000	92	470774	10.0	
	53 1,1,1-Trichloroethane	97	6.458	6.452	0.006	99	907428	9.51	
	56 Carbon tetrachloride	117		6.671				ND	7
$	58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.897	0.006	47	86356	10.2	
	59 Benzene	78		6.933				ND	7
	60 1,2-Dichloroethane	62		7.007				ND	
*	64 Fluorobenzene (IS)	96	7.348	7.348	0.000	99	2021085	10.0	
	68 Trichloroethene	95	7.848	7.836	0.012	99	208869	3.19	
	70 1,2-Dichloropropane	63		8.171				ND	
	76 Dichlorobromomethane	83		8.525				ND	
	80 cis-1,3-Dichloropropene	75		9.098				ND	
	82 4-Methyl-2-pentanone (MIBK)	43		9.281				ND	
$	83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	2024276	9.61	
	84 Toluene	92		9.506				ND	7
	85 trans-1,3-Dichloropropene	75		9.787				ND	
	106 1,1,2-Trichloroethane	97		10.000				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.091	10.091	0.000	97	11684627	151.5	E
109 2-Hexanone	43		10.225				ND	
111 Chlorodibromomethane	129		10.390				ND	7
112 Ethylene Dibromide	107		10.506				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	86	1514038	10.0	
115 Chlorobenzene	112		10.975				ND	7
116 1,1,1,2-Tetrachloroethane	131		11.061				ND	7
117 Ethylbenzene	91		11.067				ND	7
119 m-Xylene & p-Xylene	106		11.189				ND	7
S 118 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.518				ND	7
121 Styrene	104		11.536				ND	
122 Bromoform	173		11.695				ND	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	90	725046	9.53	
127 1,1,2,2-Tetrachloroethane	83		12.079				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	808239	10.0	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Reagents:

MSV_LLcentISS_00017 Amount Added: 5.00 Units: uL Run Reagent

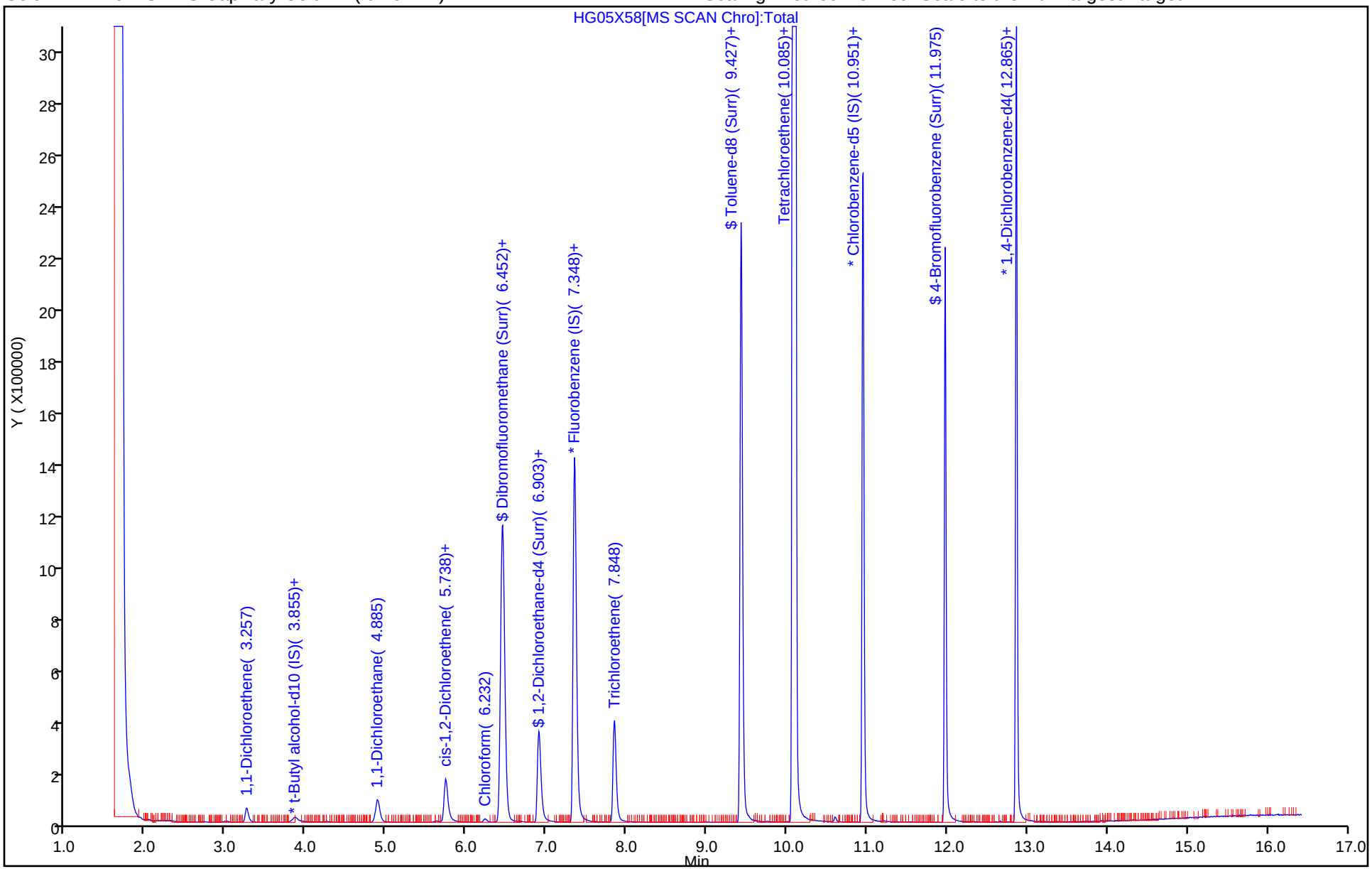
Report Date: 06-Aug-2025 13:52:47 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X58.D

Injection Date:	06-Aug-2025 04:19:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	410-234794-A-13	Lab Sample ID:	410-234794-13	Worklist Smp#:	31
Client ID:	HD-QC1-0/1-1				
Purge Vol:	25.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	28
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\20250805-155612.b\HG05X58.D				
Lims ID:	410-234794-A-13				
Client ID:	HD-QC1-0/1-1				
Sample Type:	Client				
Inject. Date:	06-Aug-2025 04:19:30	ALS Bottle#:	28	Worklist Smp#:	31
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0155612-031				
Operator ID:	gaw91131	Instrument ID:	19094		
Method:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m				
Limit Group:	MSV - 8260C_D				
Last Update:	06-Aug-2025 13:52:41	Calib Date:	10-Jul-2025 06:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1604				

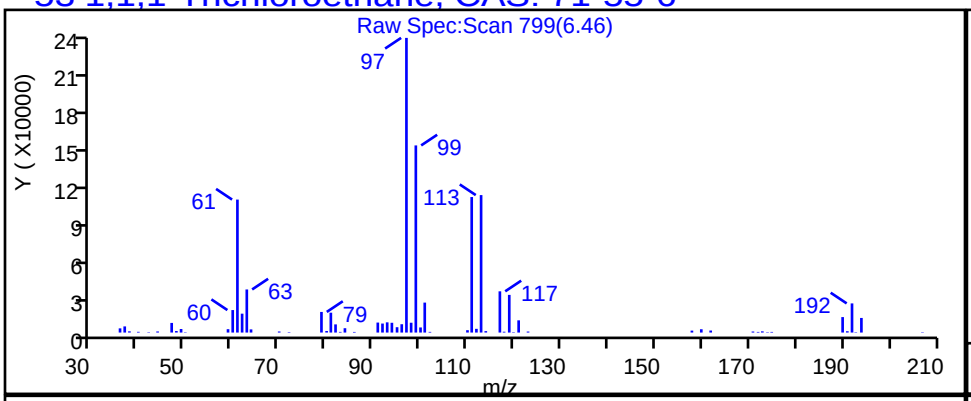
First Level Reviewer: UKAD Date: 06-Aug-2025 13:52:19

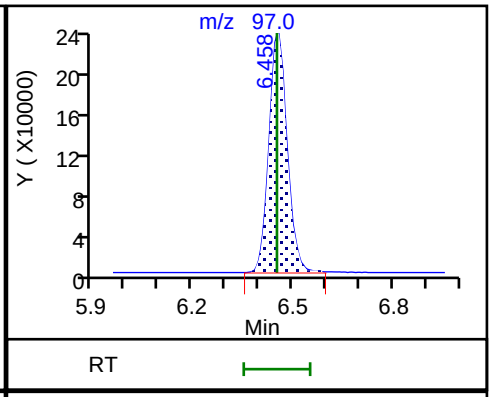
Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	10.0	100.36
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.2	101.52
$ 83 Toluene-d8 (Surr)	10.0	9.61	96.11
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.53	95.33

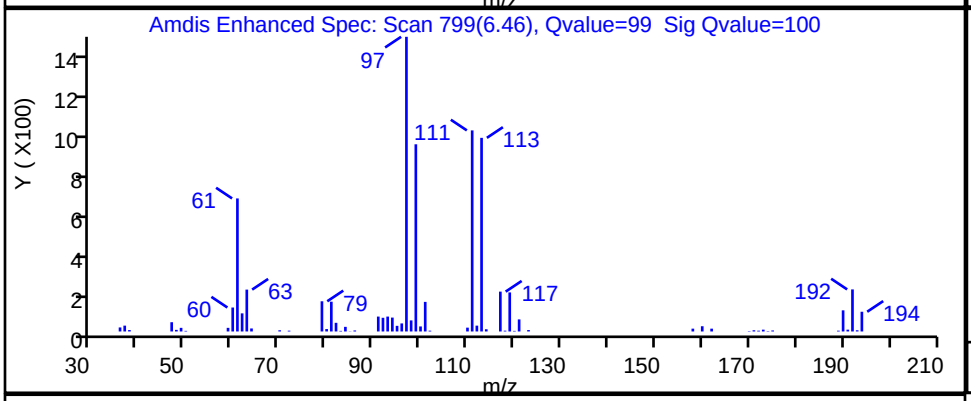
Eurofins Lancaster Laboratories Environment Testing, LLC

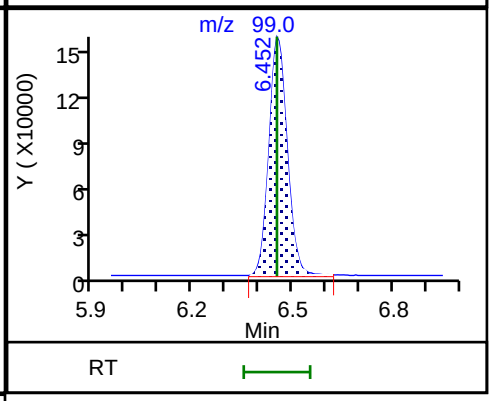
Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X58.D				
Injection Date:	06-Aug-2025 04:19:30	Instrument ID:	19094		
Lims ID:	410-234794-A-13	Lab Sample ID:	410-234794-13		
Client ID:	HD-QC1-0/1-1				
Operator ID:	gaw91131	ALS Bottle#:	28	Worklist Smp#:	31
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

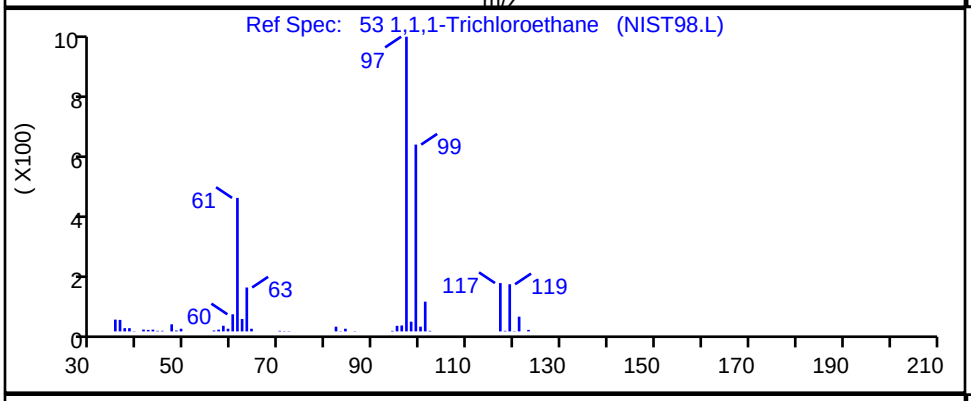
53 1,1,1-Trichloroethane, CAS: 71-55-6

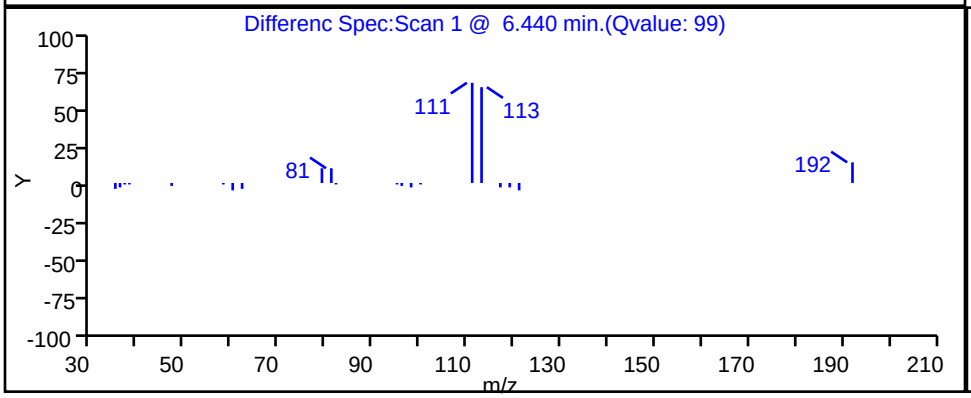


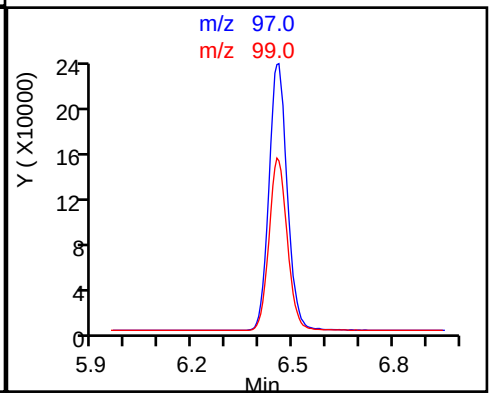








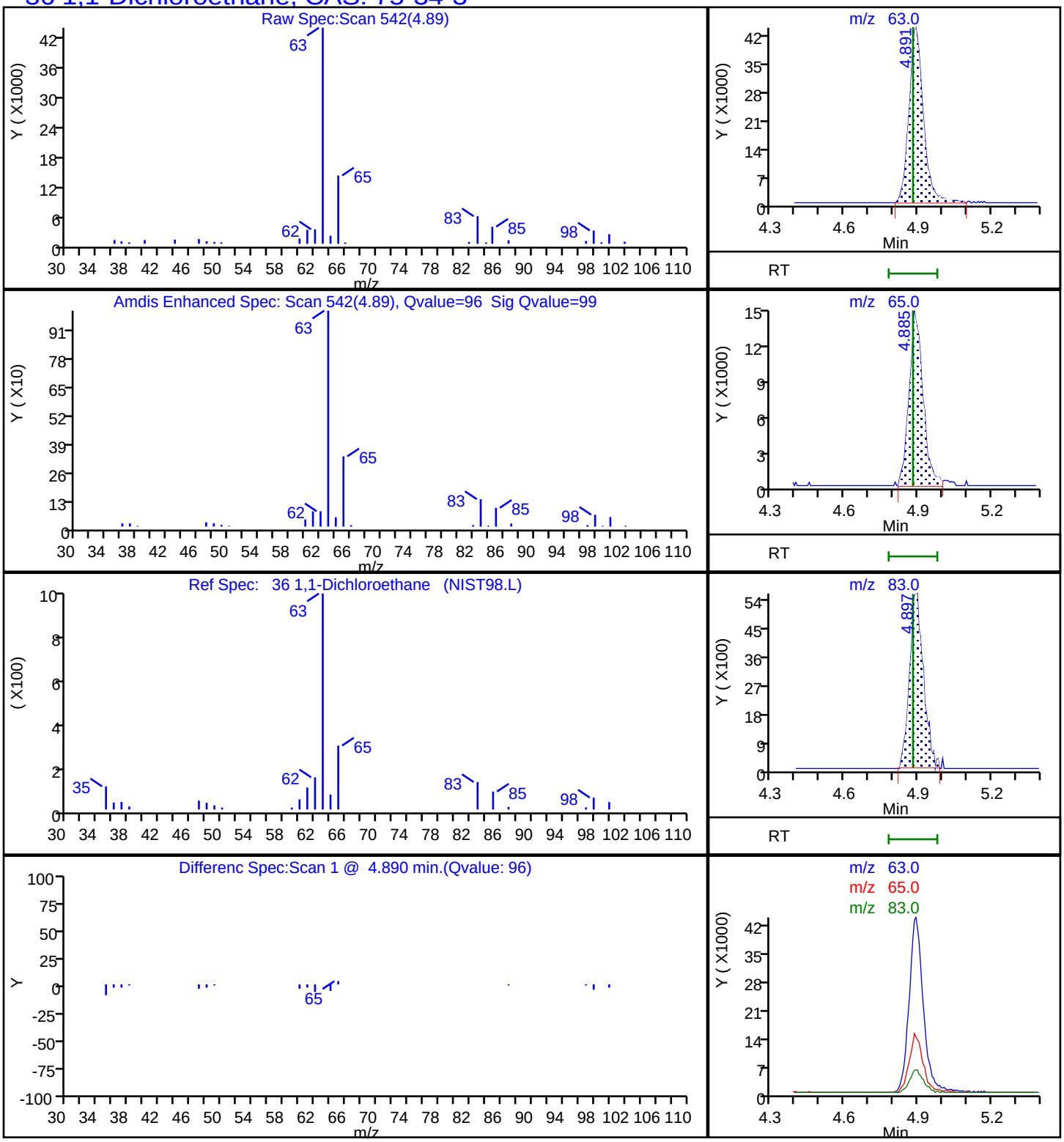




Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X58.D				
Injection Date:	06-Aug-2025 04:19:30	Instrument ID:	19094		
Lims ID:	410-234794-A-13	Lab Sample ID:	410-234794-13		
Client ID:	HD-QC1-0/1-1				
Operator ID:	gaw91131	ALS Bottle#:	28	Worklist Smp#:	31
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

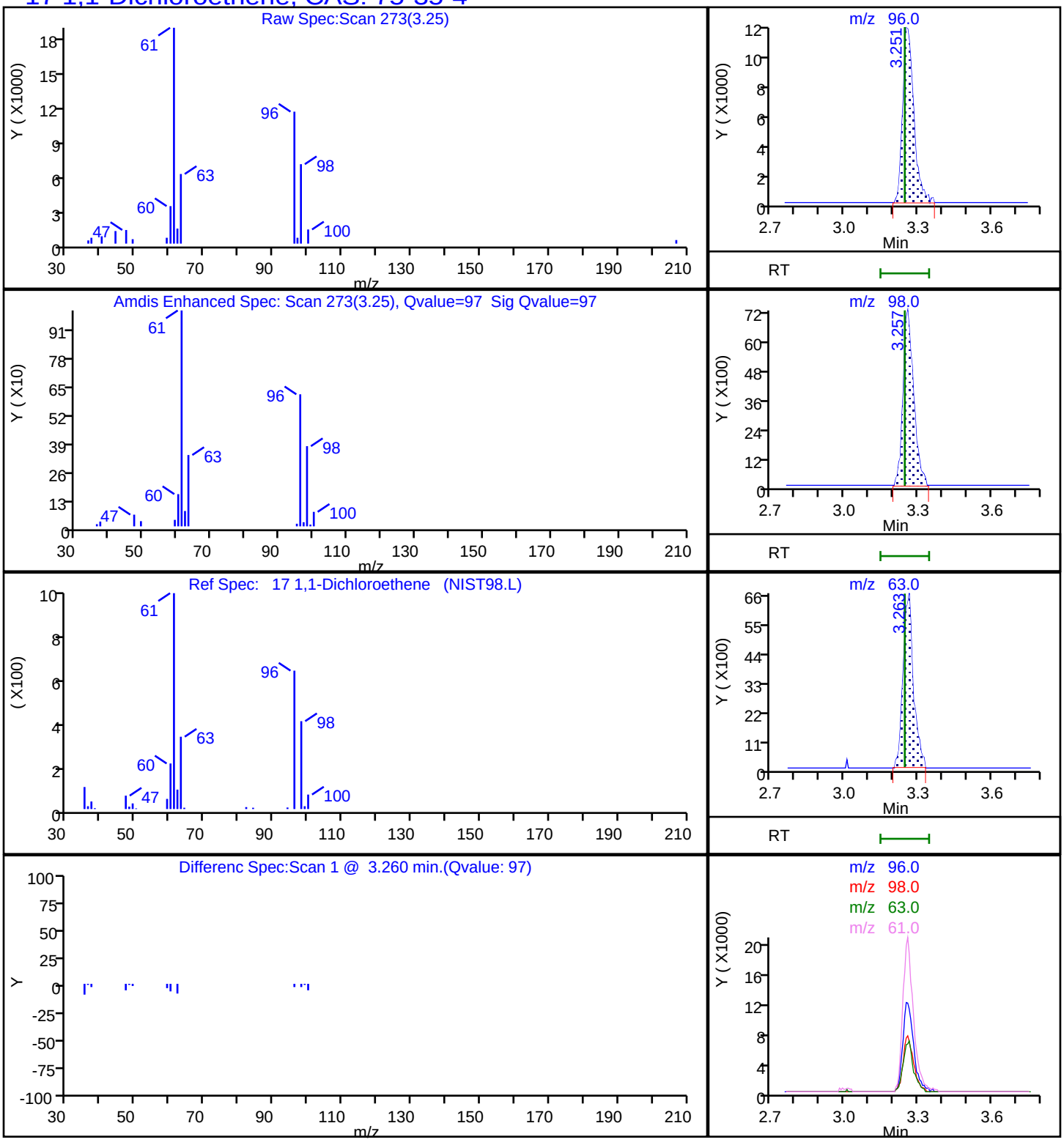
36 1,1-Dichloroethane, CAS: 75-34-3



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X58.D				
Injection Date:	06-Aug-2025 04:19:30	Instrument ID:	19094		
Lims ID:	410-234794-A-13	Lab Sample ID:	410-234794-13		
Client ID:	HD-QC1-0/1-1				
Operator ID:	gaw91131	ALS Bottle#:	28	Worklist Smp#:	31
Purge 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)	Detector	MS Quad		

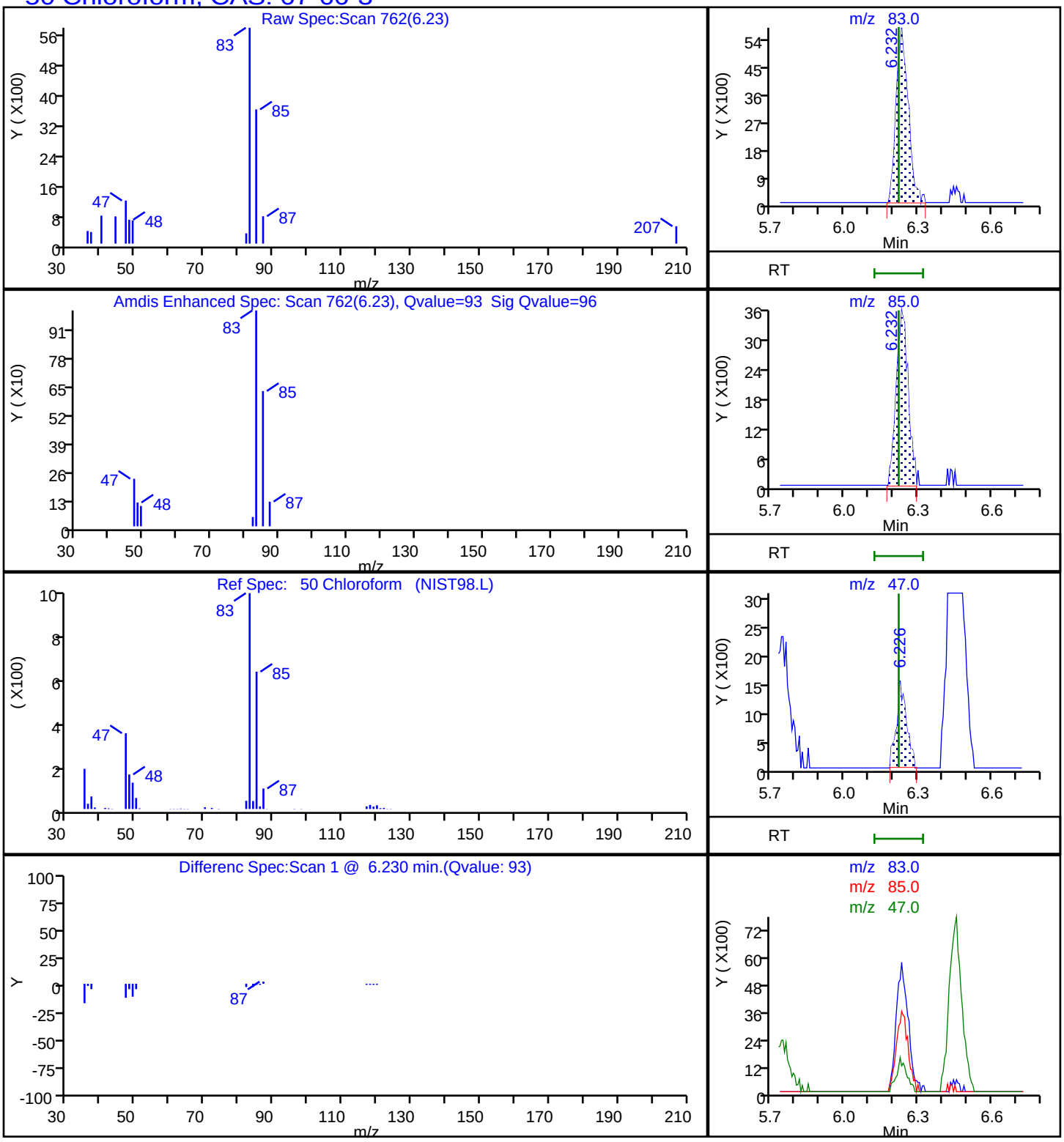
17 1,1-Dichloroethene, CAS: 75-35-4



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X58.D				
Injection Date:	06-Aug-2025 04:19:30	Instrument ID:	19094		
Lims ID:	410-234794-A-13	Lab Sample ID:	410-234794-13		
Client ID:	HD-QC1-0/1-1				
Operator ID:	gaw91131	ALS Bottle#:	28	Worklist Smp#:	31
Purge 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)	Detector	MS Quad		

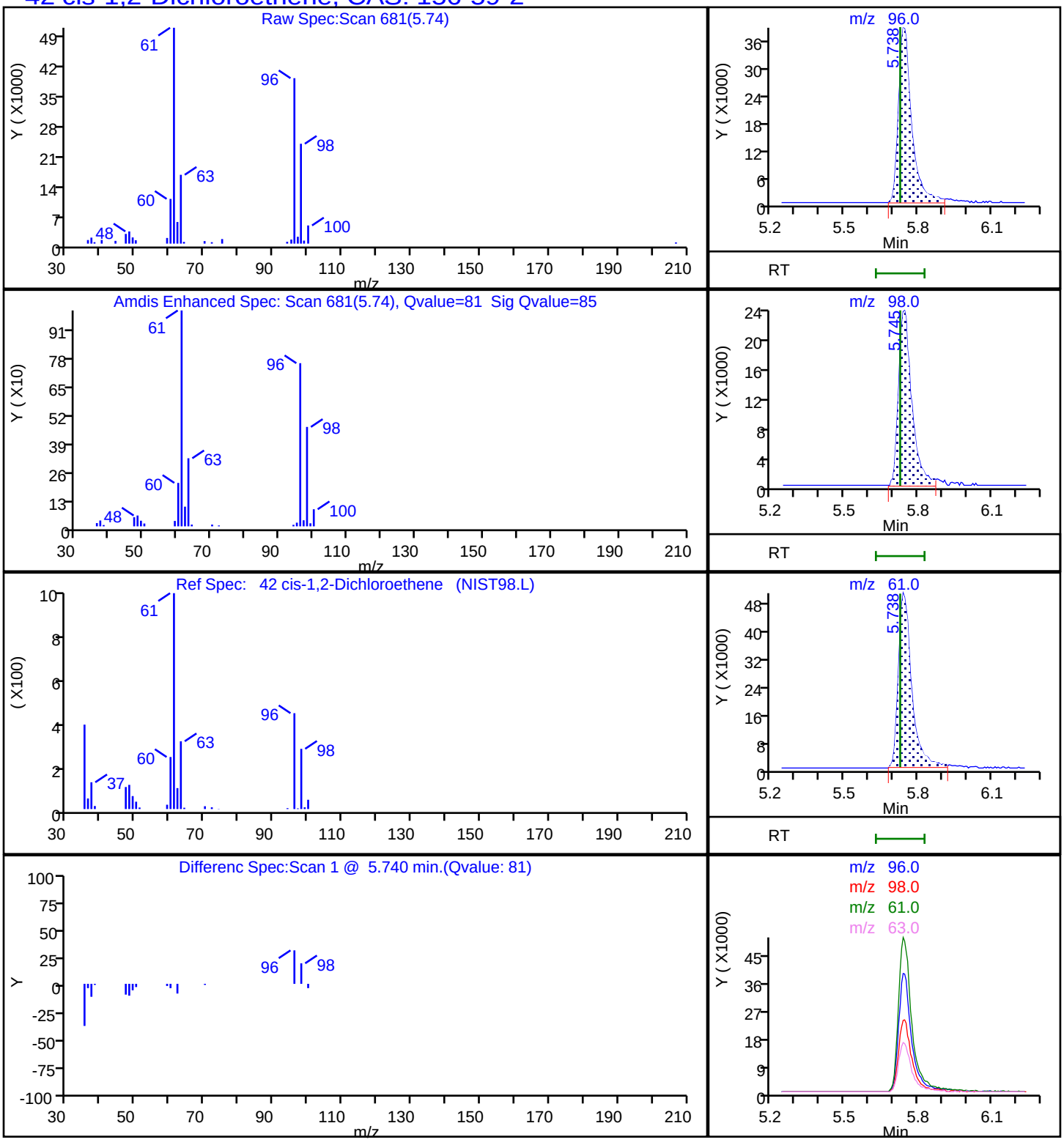
50 Chloroform, CAS: 67-66-3



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X58.D
Injection Date: 06-Aug-2025 04:19:30 Instrument ID: 19094
Lims ID: 410-234794-A-13 Lab Sample ID: 410-234794-13
Client ID: HD-QC1-0/1-1
Operator ID: gaw91131 ALS Bottle#: 28 Worklist Smp#: 31
Purge 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) Detector MS Quad

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

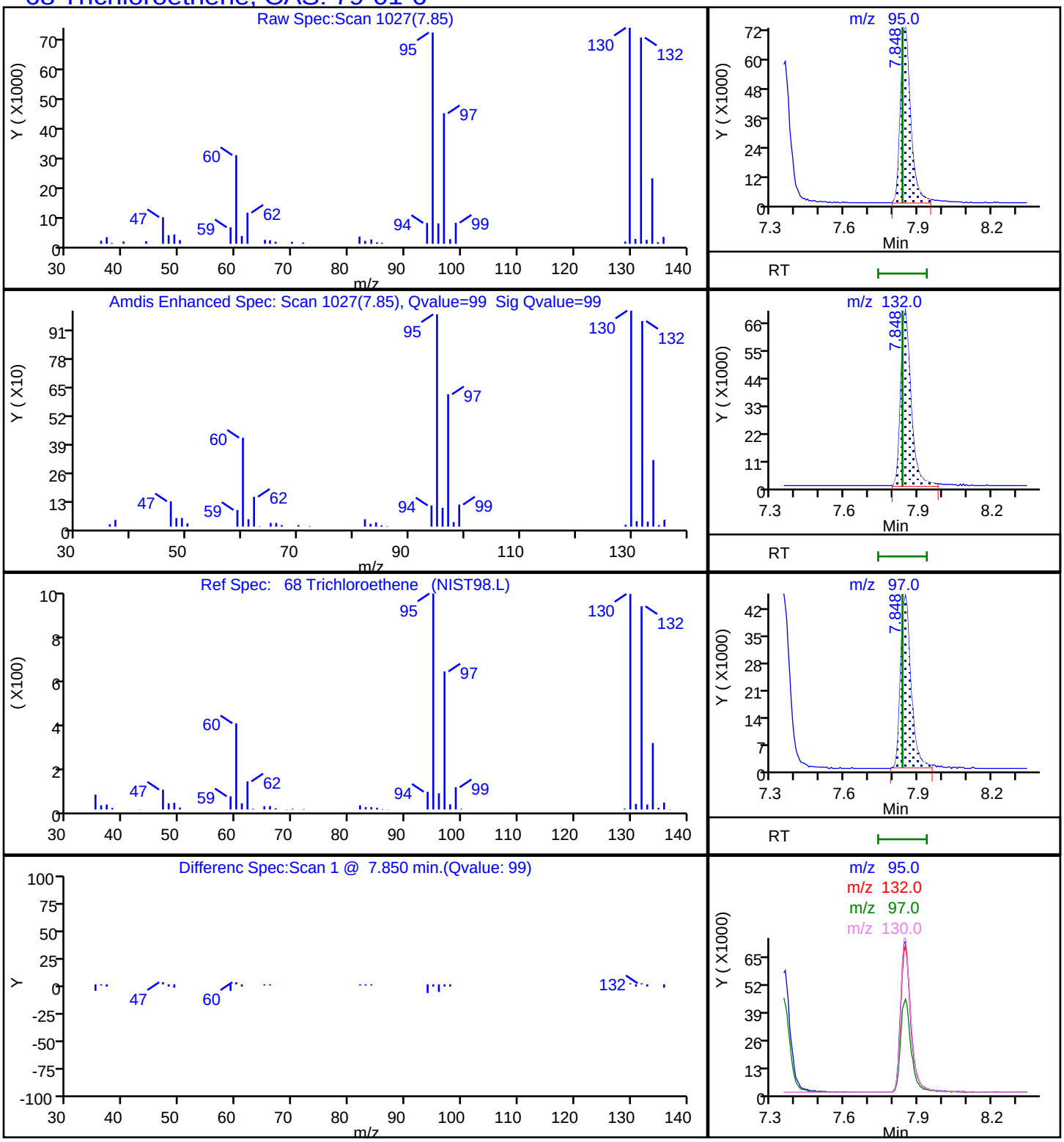


Report Date: 06-Aug-2025 13:52:47 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X58.D				
Injection Date:	06-Aug-2025 04:19:30	Instrument ID:	19094		
Lims ID:	410-234794-A-13	Lab Sample ID:	410-234794-13		
Client ID:	HD-QC1-0/1-1				
Operator ID:	gaw91131	ALS Bottle#:	28	Worklist Smp#:	31
Purge 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)	Detector	MS Quad		

68 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-QC1-0/1-1 DL
Lab Sample ID: 410-234794-13 DL

Matrix: Water
Lab File ID: HG05X59.D

Analysis Method: 8260D
Date Collected: 07/29/2025 08:00

Sample wt/vol: 25(mL)
Date Analyzed: 08/06/2025 04:39

Soil Aliquot Vol:
Dilution Factor: 20

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

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

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

Analysis Batch No.: 681140
Units: ug/L

Preparation Batch No.:
Instrument ID: 19094

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

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		80-120
460-00-4	4-Bromofluorobenzene (Surr)	96		80-120
1868-53-7	Dibromofluoromethane (Surr)	99		80-120
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X59.D
Lims ID: 410-234794-B-13 DL
Client ID: HD-QC1-0/1-1
Sample Type: Client
Inject. Date: 06-Aug-2025 04:39:30 ALS Bottle#: 29 Worklist Smp#: 32
Purge Vol: 25.000 mL Dil. Factor: 20.0000
Sample Info: 410-0155612-032
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 06-Aug-2025 13:52:41 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: UKAD Date: 06-Aug-2025 13:52:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		2.008				ND	
6 Vinyl chloride	62		2.111				ND	
9 Bromomethane	94		2.392				ND	
10 Chloroethane	64		2.471				ND	
17 1,1-Dichloroethene	96		3.245				ND	7
19 Acetone	43		3.276				ND	
23 Carbon disulfide	76		3.526				ND	7
27 Methylene Chloride	84		3.843				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.855	3.855	0.000	97	84203	50.0	
32 Methyl tert-butyl ether	73		4.208				ND	
33 trans-1,2-Dichloroethene	96		4.233				ND	
36 1,1-Dichloroethane	63	4.885	4.879	0.006	90	6901	0.0623	
41 2-Butanone (MEK)	43		5.690				ND	
42 cis-1,2-Dichloroethene	96	5.757	5.726	0.031	73	5646	0.0905	
48 Chlorobromomethane	128		6.062				ND	
50 Chloroform	83		6.220				ND	
$ 52 Dibromofluoromethane (Surr)	113	6.439	6.440	-0.001	94	469868	9.94	
53 1,1,1-Trichloroethane	97	6.446	6.452	-0.006	96	38896	0.4044	
56 Carbon tetrachloride	117		6.671				ND	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.897	6.897	0.000	47	86909	10.1	
59 Benzene	78		6.933				ND	7
60 1,2-Dichloroethane	62		7.007				ND	
* 64 Fluorobenzene (IS)	96	7.342	7.348	-0.006	99	2037355	10.0	
68 Trichloroethene	95	7.854	7.836	0.018	96	9296	0.1406	
70 1,2-Dichloropropane	63		8.171				ND	
76 Dichlorobromomethane	83		8.525				ND	
80 cis-1,3-Dichloropropene	75		9.098				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.281				ND	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	2016970	9.92	
84 Toluene	92		9.506				ND	
85 trans-1,3-Dichloropropene	75		9.787				ND	
106 1,1,2-Trichloroethane	97		10.000				ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166	10.091	10.091	0.000	98	480613	6.46	
109 2-Hexanone	43		10.225				ND	
111 Chlorodibromomethane	129		10.390				ND	7
112 Ethylene Dibromide	107		10.506				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1460847	10.0	
115 Chlorobenzene	112		10.975				ND	
116 1,1,1,2-Tetrachloroethane	131		11.061				ND	
117 Ethylbenzene	91		11.067				ND	7
119 m-Xylene & p-Xylene	106		11.189				ND	
S 118 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.518				ND	
121 Styrene	104		11.536				ND	
122 Bromoform	173		11.695				ND	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	704306	9.60	
127 1,1,2,2-Tetrachloroethane	83		12.079				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	792592	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_LLcentISS_00017 Amount Added: 5.00 Units: uL Run Reagent

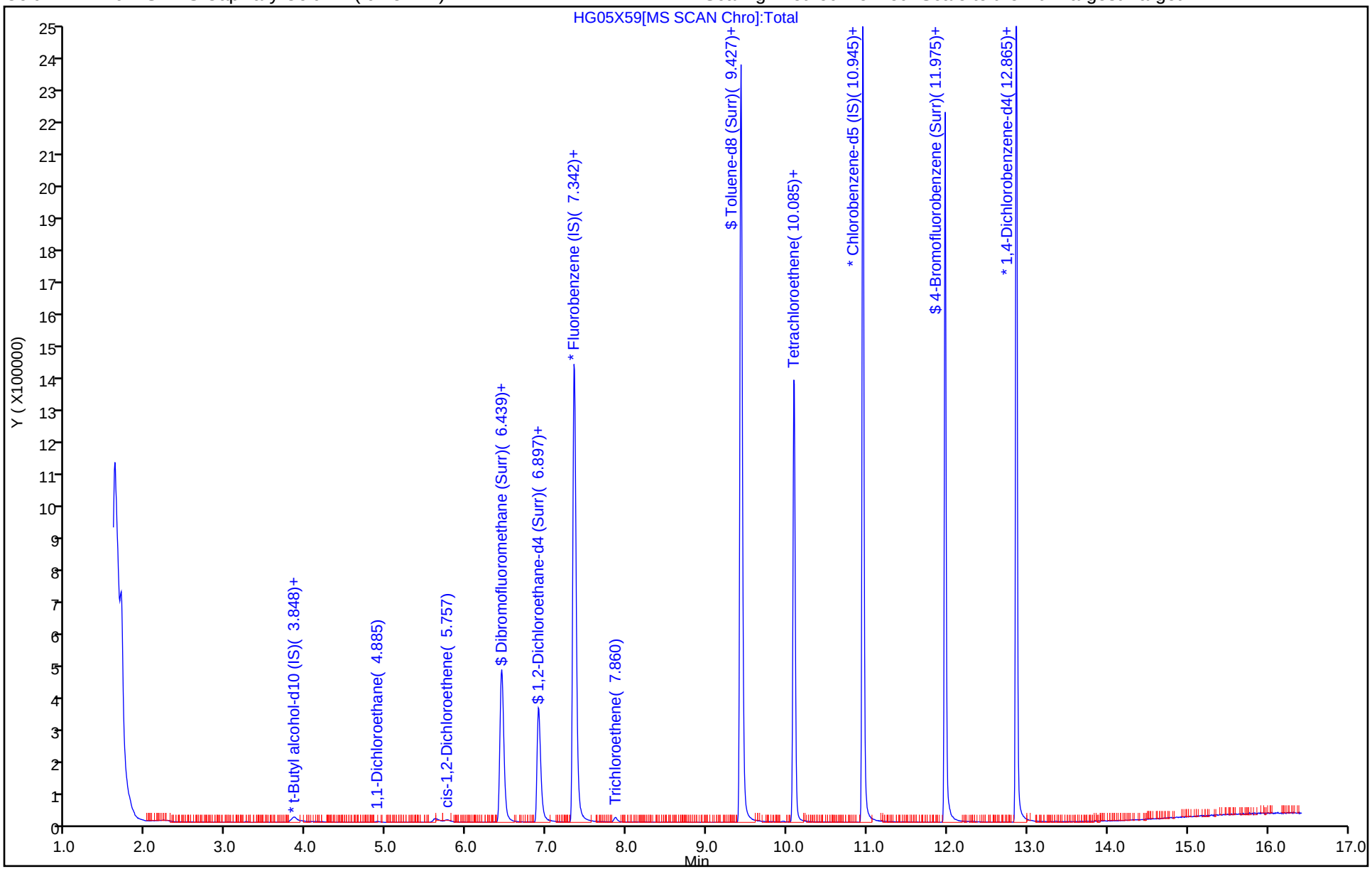
Report Date: 06-Aug-2025 13:52:49 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X59.D

Injection Date:	06-Aug-2025 04:39:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	410-234794-B-13 DL	Lab Sample ID:	410-234794-13	Worklist Smp#:	32
Client ID:	HD-QC1-0/1-1				
Purge Vol:	25.000 mL	Dil. Factor:	20.0000	ALS Bottle#:	29
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\20250805-155612.b\HG05X59.D				
Lims ID:	410-234794-B-13 DL				
Client ID:	HD-QC1-0/1-1				
Sample Type:	Client				
Inject. Date:	06-Aug-2025 04:39:30	ALS Bottle#:	29	Worklist Smp#:	32
Purge Vol:	25.000 mL	Dil. Factor:	20.0000		
Sample Info:	410-0155612-032				
Operator ID:	gaw91131	Instrument ID:	19094		
Method:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m				
Limit Group:	MSV - 8260C_D				
Last Update:	06-Aug-2025 13:52:41	Calib Date:	10-Jul-2025 06:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1604				

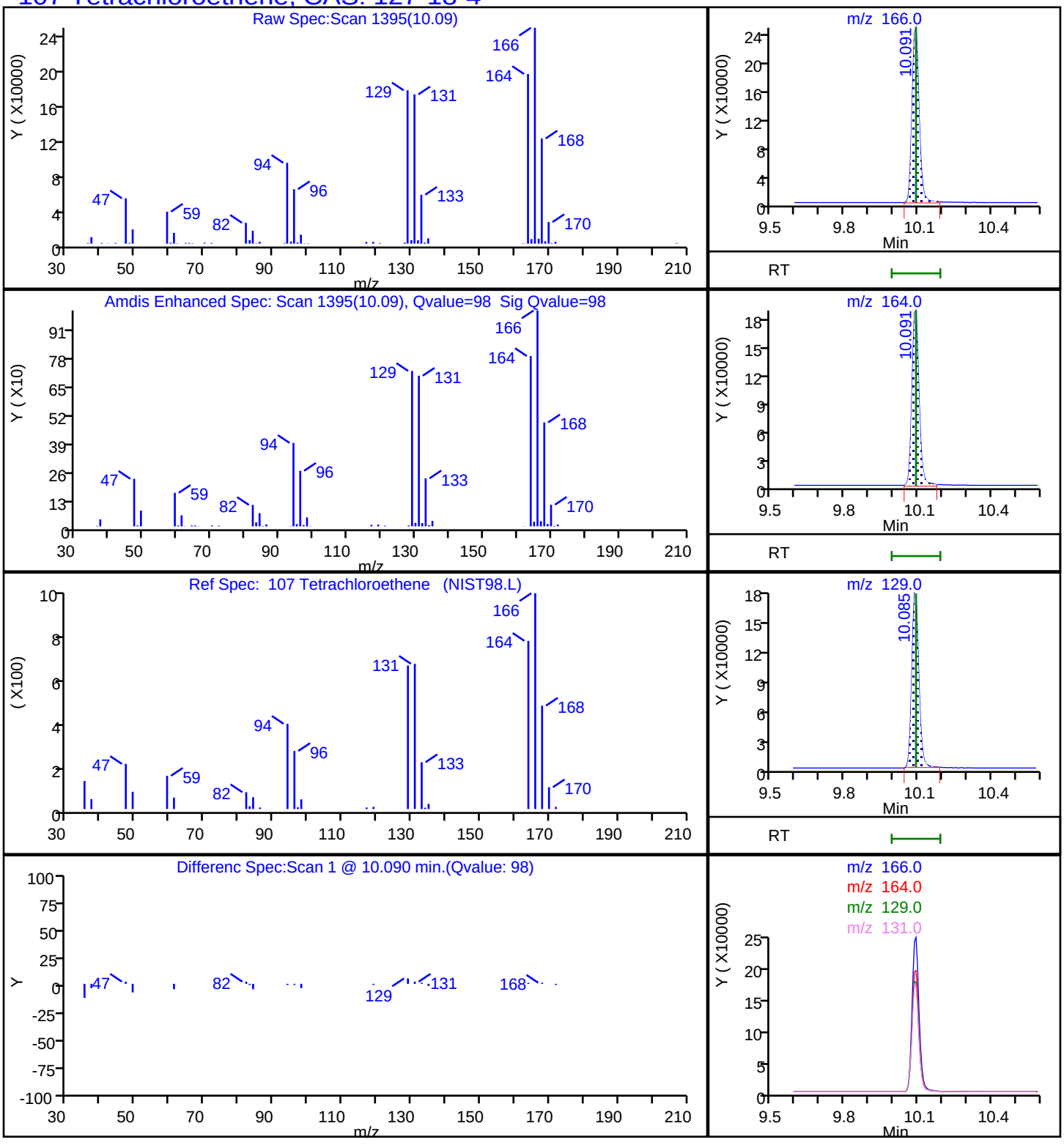
First Level Reviewer: UKAD Date: 06-Aug-2025 13:52:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	9.94	99.36
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.1	101.36
$ 83 Toluene-d8 (Surr)	10.0	9.92	99.25
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.60	95.97

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X59.D				
Injection Date:	06-Aug-2025 04:39:30	Instrument ID:	19094		
Lims ID:	410-234794-B-13 DL	Lab Sample ID:	410-234794-13		
Client ID:	HD-QC1-0/1-1				
Operator ID:	gaw91131	ALS Bottle#:	29	Worklist Smp#:	32
Purge Vol:	25.000 mL	Dil. Factor:	20.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	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.: 410-234794-1

SDG No.:

Client Sample ID: HD-QC1-0/1-2
Lab Sample ID: 410-234794-14

Matrix: Water
Lab File ID: HG04X36.D

Analysis Method: 8260D
Date Collected: 07/29/2025 00:00

Sample wt/vol: 25(mL)
Date Analyzed: 08/04/2025 21:32

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.: 680541
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	^c *+ cn	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	^c cn	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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-QC1-0/1-2
Lab Sample ID: 410-234794-14

Matrix: Water
Lab File ID: HG04X36.D

Analysis Method: 8260D
Date Collected: 07/29/2025 00:00

Sample wt/vol: 25(mL)
Date Analyzed: 08/04/2025 21:32

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.: 680541
Units: ug/L

Preparation Batch No.:
Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		0.50	0.20
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)	104		80-120
460-00-4	4-Bromofluorobenzene (Surr)	98		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\20250804-155489.b\HG04X36.D
Lims ID: 410-234794-A-14
Client ID: HD-QC1-0/1-2
Sample Type: Client
Inject. Date: 04-Aug-2025 21:32:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155489-007
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 04-Aug-2025 22:20:40 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1601

First Level Reviewer: N9NA Date: 05-Aug-2025 11:30:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		2.013				ND	7
6 Vinyl chloride	62		2.123				ND	
9 Bromomethane	94		2.398				ND	
10 Chloroethane	64		2.477				ND	
17 1,1-Dichloroethene	96		3.251				ND	
19 Acetone	43		3.288				ND	
23 Carbon disulfide	76	3.531	3.531	0.000	98	6881	0.0554	
27 Methylene Chloride	84	3.848	3.848	0.000	45	1806	0.0425	
* 28 t-Butyl alcohol-d10 (IS)	65	3.842	3.861	-0.019	96	87792	50.0	
32 Methyl tert-butyl ether	73		4.214				ND	
33 trans-1,2-Dichloroethene	96		4.233				ND	
36 1,1-Dichloroethane	63		4.885				ND	
41 2-Butanone (MEK)	43		5.696				ND	
42 cis-1,2-Dichloroethene	96		5.732				ND	
48 Chlorobromomethane	128		6.068				ND	
50 Chloroform	83		6.220				ND	
$ 52 Dibromofluoromethane (Surr)	113	6.433	6.446	-0.013	94	381898	10.3	
53 1,1,1-Trichloroethane	97		6.458				ND	
56 Carbon tetrachloride	117		6.671				ND	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.897	6.903	-0.006	47	69780	10.4	
59 Benzene	78		6.933				ND	7
60 1,2-Dichloroethane	62		7.006				ND	
* 64 Fluorobenzene (IS)	96	7.342	7.348	-0.006	99	1594636	10.0	
68 Trichloroethene	95		7.842				ND	
70 1,2-Dichloropropane	63		8.177				ND	
76 Dichlorobromomethane	83		8.531				ND	
80 cis-1,3-Dichloropropene	75		9.097				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.280				ND	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1701466	9.24	
84 Toluene	92		9.506				ND	7
85 trans-1,3-Dichloropropene	75		9.786				ND	
106 1,1,2-Trichloroethane	97		10.000				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 Tetrachloroethene	166		10.091				ND	
109 2-Hexanone	43		10.225				ND	
111 Chlorodibromomethane	129		10.390				ND	
112 Ethylene Dibromide	107		10.506				ND	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1323813	10.0	
115 Chlorobenzene	112		10.975				ND	
116 1,1,1,2-Tetrachloroethane	131		11.060				ND	
117 Ethylbenzene	91		11.067				ND	
119 m-Xylene & p-Xylene	106		11.189				ND	
S 118 Xylenes, Total	106		11.245				ND	7
120 o-Xylene	106		11.518				ND	
121 Styrene	104		11.536				ND	
122 Bromoform	173		11.695				ND	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	653662	9.83	
127 1,1,2,2-Tetrachloroethane	83		12.072				ND	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	735350	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_LLcentISS_00017 Amount Added: 5.00 Units: uL Run Reagent

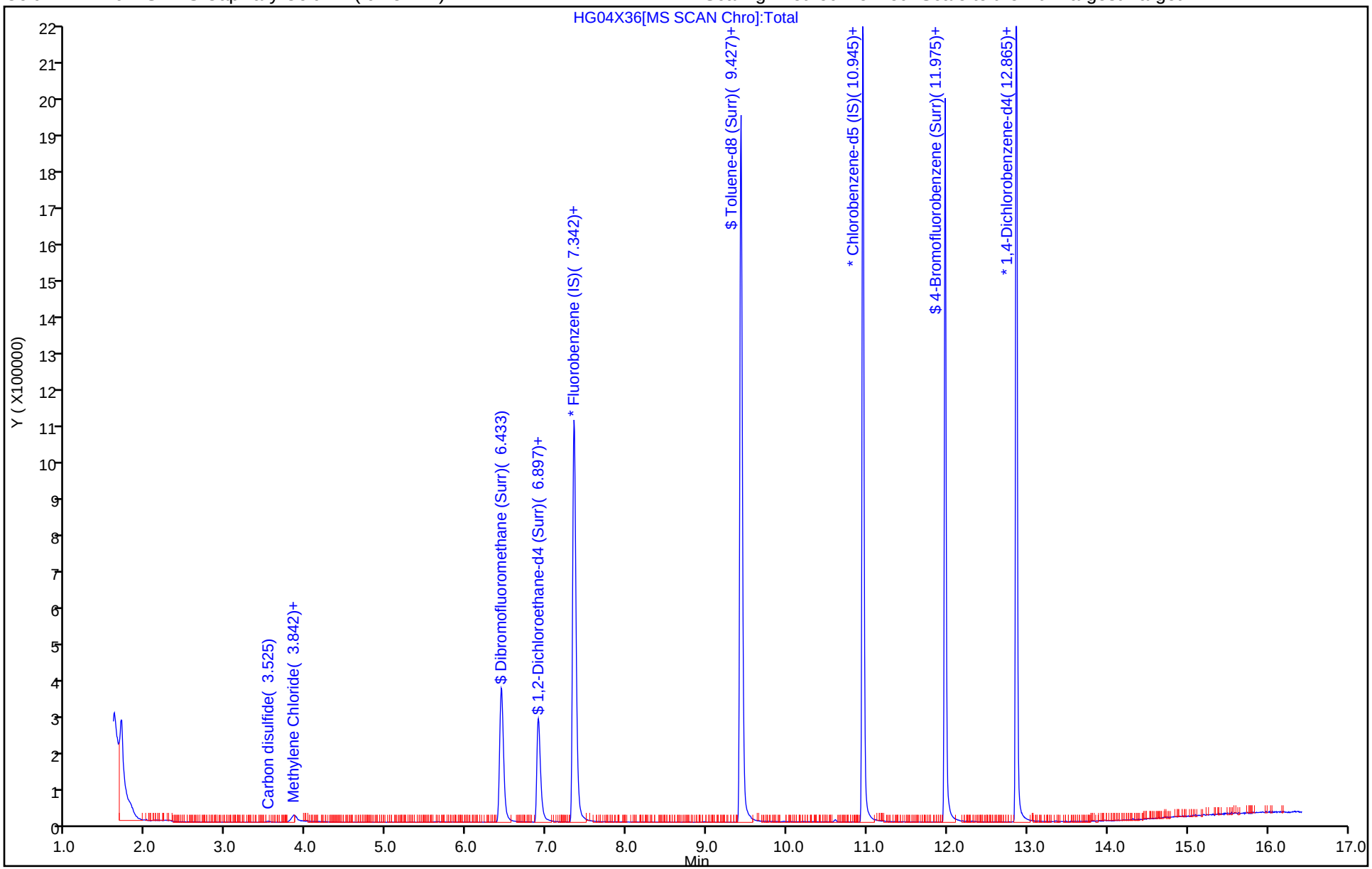
Report Date: 05-Aug-2025 11:30:46 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X36.D

Injection Date:	04-Aug-2025 21:32:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	410-234794-A-14	Lab Sample ID:	410-234794-14	Worklist Smp#:	7
Client ID:	HD-QC1-0/1-2				
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

Recovery Report

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X36.D				
Lims ID:	410-234794-A-14				
Client ID:	HD-QC1-0/1-2				
Sample Type:	Client				
Inject. Date:	04-Aug-2025 21:32:30	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0155489-007				
Operator ID:	gaw91131	Instrument ID:	19094		
Method:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\MSV_19094_25mL.m				
Limit Group:	MSV - 8260C_D				
Last Update:	04-Aug-2025 22:20:40	Calib Date:	10-Jul-2025 06:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1601				

First Level Reviewer: N9NA Date: 05-Aug-2025 11:30:35

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	10.3	103.18
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.4	103.97
$ 83 Toluene-d8 (Surr)	10.0	9.24	92.39
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.83	98.29

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1 Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-668589/13	HL08X12.D
Level 2	IC 410-668589/14	HL08X13.D
Level 3	IC 410-668589/15	HL08X14.D
Level 4	IC 410-668589/16	HL08X15.D
Level 5	IC 410-668589/17	HL08X16.D
Level 6	IC 410-668589/18	HL08X17.D
Level 7	IC 410-668589/19	HL08X18.D
Level 8	ICIS 410-668589/20	HL08X19.D
Level 9	IC 410-668589/21	HL08X20.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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3570 0.3038	0.3473 0.3124	0.2945 0.3183	0.3596 0.3038	0.3231	Ave		0.3244			0.1000	7.5		20.0			
Chloromethane	+++++ 0.3904	0.5601 0.3912	0.4411 0.3660	0.4450 0.3689	0.4651	Ave		0.4285			0.1000	15.1		20.0			
1,3-Butadiene	+++++ 0.3824	0.4671 0.3986	0.3819 0.3891	0.4935 0.3656	0.4167	Ave		0.4119				11.0		20.0			
Vinyl chloride	+++++ 0.3619	0.4273 0.3681	0.3796 0.3654	0.4250 0.3470	0.4253	Ave		0.3874			0.1000	8.5		20.0			
Bromomethane	+++++ 0.2582	0.2961 0.2607	0.2880 0.2545	0.2868 0.2504	0.3067	Ave		0.2752			0.1000	7.8		20.0			
Chloroethane	+++++ 0.2265	0.2520 0.2284	0.2630 0.2255	0.2604 0.2245	0.2660	Ave		0.2433			0.1000	7.7		20.0			
Dichlorofluoromethane	+++++ 0.6084	0.7194 0.6212	0.6634 0.6129	0.6912 0.6044	0.6865	Ave		0.6509			0.1000	6.9		20.0			
Trichlorofluoromethane	0.6586 0.4621	0.5172 0.4741	0.4471 0.4784	0.5363 0.4582	0.4918	Ave		0.5026			0.1000	12.9		20.0			
Ethyl ether	+++++ 0.1790	0.1206 0.1881	0.1539 0.1877	0.1775 0.1859	0.1713	Ave		0.1705				13.5		20.0			
Freon 123a	+++++ 0.3522	0.4062 0.3587	0.3854 0.3628	0.3987 0.3571	0.3775	Ave		0.3748				5.4		20.0			
Acrolein	2.6388 2.6704	2.3629 3.5298	2.6066 3.3314	2.7272 2.9059	3.2815	Ave		2.8950				13.7		20.0			
1,1-Dichloroethene	+++++ 0.2467	0.2486 0.2618	0.2669 0.2544	0.2345 0.2470	0.2713	Ave		0.2539			0.1000	4.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1 Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

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	0.1662 0.2642	0.2234 0.2867	0.2506 0.2835	0.2456 0.2700	0.2522	Ave		0.2492			0.1000	14.8		20.0			
Acetone	+++++ 3.1392	4.2856 3.5543	3.9982 3.3334	3.5784 2.9758	3.5516	Ave		3.5521			0.1000	12.1		20.0			
Methyl iodide	+++++ 0.4812	0.4581 0.5103	0.4955 0.4890	0.4621 0.4720	0.5266	Ave		0.4868				4.8		20.0			
Ethyl bromide	0.1497 0.2184	0.2032 0.2300	0.2366 0.2260	0.2327 0.2248	0.2093	Ave		0.2145				12.4		20.0			
Carbon disulfide	+++++ 0.7292	0.8456 0.7846	0.8099 0.7551	0.7261 0.7460	0.8317	Ave		0.7785			0.1000	6.0		20.0			
Methyl acetate	+++++ 6.4072	+++++ 9.3364	+++++ 9.2494	8.1555 9.3765	8.4165	Ave		8.4902			0.1000	13.5		20.0			
Allyl chloride	+++++ 0.4780	0.5331 0.5062	0.5568 0.4858	0.4326 0.4804	0.5375	Ave		0.5013				8.0		20.0			
Methylene Chloride	+++++ 0.2607	0.2692 0.2754	0.2779 0.2627	0.2510 0.2577	0.2759	Ave		0.2663			0.1000	3.7		20.0			
t-Butyl alcohol	+++++ 1.1297	+++++ 1.1694	1.1139 1.1088	1.0468 1.0910	0.9548	Ave		1.0878				6.4		20.0			
Methyl tert-butyl ether	0.6490 0.5811	0.5601 0.6123	0.5947 0.5926	0.5380 0.5744	0.5502	Ave		0.5836			0.1000	5.8		20.0			
Acrylonitrile	+++++ 3.3071	+++++ 4.7969	+++++ 4.6705	1.0645 4.4415	2.8622	Lin	-2.0755	4.5222							0.9980		0.9900
trans-1,2-Dichloroethene	+++++ 0.2758	0.2486 0.2971	0.2944 0.2825	0.2680 0.2781	0.3057	Ave		0.2813			0.1000	6.4		20.0			
n-Hexane	0.4097 0.4218	0.4278 0.4618	0.4092 0.4630	0.3964 0.4431	0.4090	Ave		0.4269				5.7		20.0			
1,1-Dichloroethane	+++++ 0.5402	0.4936 0.5780	0.5448 0.5539	0.5116 0.5428	0.5835	Ave		0.5435			0.2000	5.6		20.0			
di-Isopropyl ether	+++++ 0.9153	0.8824 0.9699	0.9615 0.9382	0.8495 0.9218	0.9020	Ave		0.9176				4.4		20.0			
2-Chloro-1,3-butadiene	+++++ 0.4681	0.3926 0.5048	0.4838 0.4894	0.4333 0.4860	0.5039	Ave		0.4702				8.2		20.0			
Ethyl t-butyl ether	+++++ 0.7997	0.7513 0.8502	0.8143 0.8216	0.7561 0.7988	0.7731	Ave		0.7956				4.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1 Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Butanone (MEK)	+++++ 5.1838	+++++ 7.2493	5.2128 6.8251	5.6799 5.9080	6.5223	Ave		6.0830			0.1000	13.2		20.0			
cis-1,2-Dichloroethene	+++++ 0.3112	0.2548 0.3300	0.3209 0.3154	0.2821 0.3092	0.3251	Ave		0.3061			0.1000	8.3		20.0			
2,2-Dichloropropane	+++++ 0.4606	0.4613 0.4890	0.5093 0.4726	0.4404 0.4613	0.5081	Ave		0.4753				5.2		20.0			
Propionitrile	+++++ 1.4350	+++++ 1.7216	+++++ 1.8051	1.1071 1.5413	1.4865	Ave		1.5161				16.2		20.0			
Methacrylonitrile	+++++ 5.6924	4.6741 7.6904	5.0093 7.1793	5.6344 6.4014	6.6820	Ave		6.1204				17.2		20.0			
Bromochloromethane	+++++ 0.1165	+++++ 0.1248	0.1107 0.1209	0.1106 0.1165	0.1108	Ave		0.1158				4.8		20.0			
Tetrahydrofuran	+++++ 1.5829	+++++ 1.9560	+++++ 1.9007	1.4712 1.6379	1.7100	Ave		1.7098				11.0		20.0			
Chloroform	+++++ 0.5026	0.4737 0.5297	0.5298 0.5110	0.4680 0.4991	0.5252	Ave		0.5049			0.2000	4.8		20.0			
1,1,1-Trichloroethane	+++++ 0.4530	0.4843 0.4874	0.4846 0.4722	0.4430 0.4615	0.4907	Ave		0.4721			0.1000	3.8		20.0			
Cyclohexane	0.7565 0.5488	0.5876 0.5823	0.5445 0.5842	0.5155 0.5623	0.5394	Ave		0.5801			0.1000	12.1		20.0			
Carbon tetrachloride	+++++ 0.3930	0.3678 0.4254	0.3997 0.4167	0.3637 0.4109	0.4135	Ave		0.3988			0.1000	5.7		20.0			
1,1-Dichloropropene	+++++ 0.4274	0.4168 0.4600	0.4235 0.4490	0.4092 0.4445	0.4550	Ave		0.4357				4.3		20.0			
Isobutyl alcohol	+++++ 0.3660	+++++ 0.4165	0.5732 0.4225	0.4454 0.4077	0.3427	Ave		0.4249				17.5		20.0			
Benzene	+++++ 1.2111	1.2784 1.2795	1.2598 1.2384	1.0941 1.2180	1.3339	Ave		1.2391			0.5000	5.7		20.0			
1,2-Dichloroethane	+++++ 0.2757	0.3179 0.2939	0.2758 0.2762	0.2595 0.2630	0.2640	Ave		0.2783			0.1000	7.0		20.0			
t-Amyl methyl ether	0.9650 0.6644	0.6060 0.7032	0.6539 0.6807	0.6138 0.6760	0.6335	Ave		0.6885				15.8		20.0			
n-Heptane	+++++ 0.4103	0.5906 0.4614	0.4584 0.4612	0.3828 0.4468	0.3998	Ave		0.4514				14.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1 Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

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	+++++ 0.2909	+++++ 0.3371	+++++ 0.3660	0.1923 0.3699	0.1717	Lin	-13.67	0.3765							1.0000		0.9900
Trichloroethene	+++++ 0.3125	0.3297 0.3357	0.3394 0.3236	0.2937 0.3194	0.3416	Ave		0.3245			0.2000	4.9		20.0			
Methylcyclohexane	0.6989 0.5312	0.5655 0.5840	0.5264 0.5841	0.5116 0.5666	0.5151	Ave		0.5648			0.1000	10.2		20.0			
1,2-Dichloropropane	+++++ 0.3003	0.2636 0.3226	0.2854 0.3121	0.2858 0.3087	0.3039	Ave		0.2978			0.1000	6.3		20.0			
Methyl methacrylate	+++++ 10.823	+++++ 14.922	9.5423 14.434	10.934 13.493	13.214	Ave		12.480				16.4		20.0			
Dibromomethane	+++++ 0.1165	0.0678 0.1222	0.1154 0.1216	0.1086 0.1199	0.1106	Ave		0.1103				16.2		20.0			
1,4-Dioxane	+++++ 0.0677	+++++ 0.0598	+++++ 0.0639	0.0104 0.0754	0.0302	Lin1	-1.754	0.0737			0.0050				0.9930		0.9900
Bromodichloromethane	+++++ 0.3345	0.3127 0.3522	0.3342 0.3469	0.3036 0.3420	0.3314	Ave		0.3322			0.2000	5.0		20.0			
2-Nitropropane	+++++ 3.2097	+++++ 4.3672	4.4435 4.1103	3.3994 3.6471	3.8922	Ave		3.8671				12.2		20.0			
1-Bromo-2-chloroethane	0.2568 0.2621	0.2870 0.2670	0.2756 0.2667	0.2697 0.2660	0.2410	Ave		0.2658				4.7		20.0			
cis-1,3-Dichloropropene	+++++ 0.4107	0.3572 0.4477	0.3987 0.4402	0.3684 0.4366	0.3931	Ave		0.4066			0.2000	8.2		20.0			
4-Methyl-2-pentanone (MIBK)	22.804 15.187	15.439 19.350	14.451 18.245	16.053 16.198	18.250	Ave		17.331			0.1000	15.1		20.0			
Toluene	+++++ 1.0638	1.0603 1.1340	1.0725 1.0907	0.9815 1.0757	1.1456	Ave		1.0780			0.4000	4.7		20.0			
trans-1,3-Dichloropropene	+++++ 0.4372	0.3548 0.4835	0.4288 0.4757	0.3662 0.4766	0.3932	Ave		0.4270			0.1000	11.9		20.0			
Ethyl methacrylate	+++++ 0.3254	0.2094 0.3517	0.3021 0.3439	0.2681 0.3410	0.2731	Ave		0.3018				16.3		20.0			
1,1,2-Trichloroethane	0.3050 0.2298	0.2227 0.2452	0.2399 0.2379	0.2217 0.2358	0.2163	Ave		0.2394			0.1000	11.0		20.0			
Tetrachloroethene	+++++ 0.4909	0.4895 0.5351	0.5215 0.5195	0.4666 0.5067	0.5442	Ave		0.5092			0.2000	5.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1 Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

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	0.4811 0.4175	0.3493 0.4505	0.3937 0.4362	0.3853 0.4302	0.4050	Ave		0.4165				9.3		20.0			
2-Hexanone	+++++ 9.9850	11.780 13.193	9.0472 12.510	9.1102 11.300	11.668	Ave		11.074			0.1000	13.9		20.0			
Dibromochloromethane	0.3613 0.3004	0.2203 0.3173	0.2799 0.3165	0.2731 0.3133	0.2788	Ave		0.2957				13.2		20.0			
1,2-Dibromoethane (EDB)	0.1953 0.2182	0.1837 0.2311	0.1874 0.2290	0.1974 0.2259	0.2013	Ave		0.2077			0.1000	8.9		20.0			
1-Chlorohexane	+++++ 0.5967	0.9860 0.6535	0.6961 0.6350	0.6104 0.6202	0.6319	Ave		0.6787				18.8		20.0			
Chlorobenzene	+++++ 1.1272	1.0777 1.1966	1.1878 1.1554	1.0498 1.1358	1.1932	Ave		1.1404			0.5000	4.8		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3775	0.3431 0.4048	0.3610 0.3975	0.3568 0.3870	0.3760	Ave		0.3755				5.6		20.0			
Ethylbenzene	+++++ 2.0753	1.9671 2.2569	2.1873 2.1853	1.9605 2.1508	2.2386	Ave		2.1277			0.1000	5.4		20.0			
m&p-Xylene	+++++ 0.7926	0.7260 0.8667	0.8194 0.8378	0.7471 0.8259	0.8559	Ave		0.8089			0.1000	6.2		20.0			
o-Xylene	+++++ 0.7661	0.7044 0.8310	0.7396 0.8052	0.7029 0.7927	0.7900	Ave		0.7665			0.3000	6.1		20.0			
Styrene	1.4054 1.2243	1.0934 1.3207	1.1468 1.2935	1.0910 1.2722	1.2263	Ave		1.2304			0.3000	8.6		20.0			
Bromoform	+++++ 0.1606	0.1043 0.1780	0.1364 0.1776	0.1429 0.1772	0.1458	Ave		0.1528			0.1000	16.9		20.0			
Isopropylbenzene	+++++ 1.8322	1.7439 2.0062	1.8844 1.9362	1.7148 1.9068	1.9652	Ave		1.8737			0.1000	5.5		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.4962	0.4859 0.5283	0.4846 0.5126	0.4718 0.5005	0.4627	Ave		0.4928			0.3000	4.3		20.0			
Bromobenzene	+++++ 0.8002	0.7616 0.8544	0.8093 0.8289	0.7412 0.8136	0.7903	Ave		0.7999				4.5		20.0			
trans-1,4-Dichloro-2-butene	6.3293 5.8108	4.9867 7.7147	5.2940 7.3105	6.1660 6.7548	7.2650	Ave		6.4035				14.7		20.0			
1,2,3-Trichloropropane	+++++ 0.1302	0.0965 0.1355	0.1248 0.1336	0.1171 0.1299	0.1207	Ave		0.1235				10.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1 Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

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	+++++ 4.2964	4.2995 4.7186	4.2862 4.6081	4.0558 4.5642	4.7674	Ave		4.4495				5.6		20.0			
2-Chlorotoluene	+++++ 0.8533	0.7589 0.9152	0.8360 0.8896	0.7667 0.8749	0.9010	Ave		0.8495				7.0		20.0			
1,3,5-Trimethylbenzene	+++++ 3.0304	2.8437 3.3486	3.1253 3.2522	2.8095 3.2181	3.2822	Ave		3.1138				6.5		20.0			
4-Chlorotoluene	+++++ 0.8671	0.7406 0.9308	0.8357 0.8888	0.8071 0.8971	0.8784	Ave		0.8557				7.0		20.0			
tert-Butylbenzene	+++++ 0.6985	0.5948 0.7275	0.6678 0.7377	0.6401 0.7300	0.7029	Ave		0.6874				7.3		20.0			
Pentachloroethane	0.3085 0.4856	0.3513 0.5209	0.4397 0.5305	0.4588 0.5457	0.4359	Ave		0.4530				17.8		20.0			
1,2,4-Trimethylbenzene	+++++ 3.1195	2.8692 3.3972	3.1139 3.3039	2.8200 3.3176	3.3461	Ave		3.1609				7.0		20.0			
sec-Butylbenzene	+++++ 3.8600	3.8542 4.2901	3.9608 4.2078	3.6203 4.1555	4.1549	Ave		4.0129				5.7		20.0			
1,3-Dichlorobenzene	+++++ 1.6051	1.4073 1.7293	1.6214 1.7003	1.4351 1.6854	1.6171	Ave		1.6001			0.6000	7.4		20.0			
p-Isopropyltoluene	+++++ 3.3281	3.1776 3.7157	3.3909 3.6480	3.0831 3.6080	3.5570	Ave		3.4385				6.7		20.0			
1,4-Dichlorobenzene	+++++ 1.6171	1.6192 1.7257	1.7240 1.6769	1.4936 1.6704	1.6585	Ave		1.6482			0.5000	4.5		20.0			
1,2,3-Trimethylbenzene	+++++ 1.3237	1.2051 1.4313	1.3426 1.3806	1.2223 1.3734	1.3816	Ave		1.3326				6.0		20.0			
Benzyl chloride	+++++ 0.1994	0.1470 0.2238	0.1939 0.2207	0.1719 0.2211	0.1767	Ave		0.1943				14.2		20.0			
n-Butylbenzene	+++++ 1.5637	1.4287 1.7900	1.5250 1.7736	1.4185 1.7819	1.6851	Ave		1.6208				9.7		20.0			
1,2-Dichlorobenzene	+++++ 1.4240	1.2330 1.5242	1.4052 1.4773	1.2662 1.4603	1.3752	Ave		1.3957			0.4000	7.3		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.0674	+++++ 0.0726	0.0592 0.0717	0.0550 0.0720	0.0600	Ave		0.0654			0.0500	11.1		20.0			
1,3,5-Trichlorobenzene	+++++ 1.1463	1.0285 1.2867	1.1382 1.2560	1.0519 1.2622	1.2299	Ave		1.1750				8.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1 Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2,4-Trichlorobenzene	+++++ 0.9352	0.8621 1.0427	0.9029 1.0186	0.8299 1.0200	0.9135	Ave		0.9406			0.2000	8.4		20.0			
Hexachlorobutadiene	+++++ 0.4338	0.4572 0.5078	0.4547 0.5019	0.4072 0.5055	0.4516	Ave		0.4650				7.9		20.0			
Naphthalene	1.8710 1.5324	1.4359 1.6415	1.4197 1.6285	1.3167 1.6256	1.3788	Ave		1.5389				11.2		20.0			
1,2,3-Trichlorobenzene	+++++ 0.7812	0.6980 0.8525	0.7267 0.8415	0.6899 0.8494	0.7419	Ave		0.7727				8.8		20.0			
Dibromofluoromethane (Surr)	0.2339 0.2319	0.2317 0.2323	0.2332 0.2332	0.2309 0.2310	0.2309	Ave		0.2321				0.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.0420 0.0426	0.0425 0.0413	0.0424 0.0418	0.0426 0.0421	0.0416	Ave		0.0421				1.1		20.0			
Toluene-d8 (Surr)	1.3883 1.4013	1.3796 1.3960	1.3906 1.3986	1.3914 1.3952	1.3793	Ave		1.3912				0.6		20.0			
4-Bromofluorobenzene (Surr)	0.5026 0.5006	0.5001 0.5053	0.5029 0.5006	0.5085 0.4987	0.5018	Ave		0.5024				0.6		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC | Job No.: 410-234794-1 | Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 | GC Column: R-624SilMS ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 | Calibration End Date: 07/09/2025 07:02 | Calibration ID: 74555

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-668589/13	HL08X12.D
Level 2	IC 410-668589/14	HL08X13.D
Level 3	IC 410-668589/15	HL08X14.D
Level 4	IC 410-668589/16	HL08X15.D
Level 5	IC 410-668589/17	HL08X16.D
Level 6	IC 410-668589/18	HL08X17.D
Level 7	IC 410-668589/19	HL08X18.D
Level 8	ICIS 410-668589/20	HL08X19.D
Level 9	IC 410-668589/21	HL08X20.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	1308 116582	3816 302265	10896 624423	33444 1507706	61195	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Chloromethane	FB	Ave	+++++ 149825	6154 378525	16319 718011	41386 1830828	88097	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,3-Butadiene	FB	Ave	+++++ 146745	5132 385703	14128 763286	45900 1814391	78930	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Vinyl chloride	FB	Ave	+++++ 138881	4695 356177	14044 716713	39531 1721907	80555	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Bromomethane	FB	Ave	+++++ 99105	3254 252303	10656 499257	26674 1242644	58080	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Chloroethane	FB	Ave	+++++ 86920	2769 220980	9729 442356	24216 1113888	50372	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Dichlorofluoromethane	FB	Ave	+++++ 233473	7904 601105	24545 1202204	64284 2999151	130016	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Trichlorofluoromethane	FB	Ave	2413 177329	5683 458755	16541 938347	49879 2273664	93150	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Ethyl ether	FB	Ave	+++++ 68731	1326 182078	5694 368397	16510 922980	32457	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Freon 123a	FB	Ave	+++++ 135158	4463 347126	14258 711711	37083 1771846	71506	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Acrolein	TBAd10	Ave	3792 455724	11100 1239479	42306 2465164	96203 5850045	207595	0.976 97.6	2.93 244	9.76 488	24.4 1220	48.8
1,1-Dichloroethene	FB	Ave	+++++ 94688	2731 253325	9876 499068	21810 1225652	51386	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Freon 113	FB	Ave	609 101399	2455 277462	9271 556026	22840 1339738	47770	0.0200 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.: 410-234794-1 Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

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	TBAd10	Ave	+++++ 109794	4126 255788	13299 505514	25870 1227790	46047	+++++ 20.0	0.600 50.0	2.00 100	5.00 250	10.0
Methyl iodide	FB	Ave	+++++ 184654	5034 493850	18331 959180	42979 2342180	99728	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Ethyl bromide	FB	Ave	548 83748	2230 222380	8744 442823	21619 1114461	39608	0.0200 2.00	0.0599 4.99	0.200 9.99	0.499 25.0	0.999
Carbon disulfide	FB	Ave	+++++ 279844	9291 759245	29965 1481226	67533 3702011	157512	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Methyl acetate	TBAd10	Ave	+++++ 22409	+++++ 67190	+++++ 140269	5896 386860	10912	+++++ 2.00	+++++ 5.00	+++++ 10.0	0.500 25.0	1.00
Allyl chloride	FB	Ave	+++++ 183449	5857 489873	20600 952934	40231 2383763	101799	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Methylene Chloride	FB	Ave	+++++ 100038	2958 266520	10281 515378	23348 1278663	52255	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
t-Butyl alcohol	TBAd10	Ave	+++++ 79019	+++++ 168309	7410 336309	15135 900300	24757	+++++ 40.0	+++++ 100	4.00 200	10.0 500	20.0
Methyl tert-butyl ether	FB	Ave	2378 222996	6154 592543	22002 1162506	50040 2850495	104199	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Acrylonitrile	TBAd10	Lin	+++++ 28916	+++++ 86303	+++++ 177072	1924 458127	9277	+++++ 5.00	+++++ 12.5	+++++ 25.0	1.25 62.5	2.50
trans-1,2-Dichloroethene	FB	Ave	+++++ 105838	2732 287503	10891 554106	24928 1379887	57900	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
n-Hexane	FB	Ave	1501 161870	4700 446874	15138 908221	36866 2198846	77464	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,1-Dichloroethane	FB	Ave	+++++ 207303	5424 559328	20154 1086565	47580 2693367	110510	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
di-Isopropyl ether	FB	Ave	+++++ 351264	9696 938599	35572 1840317	79012 4574470	170834	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
2-Chloro-1,3-butadiene	FB	Ave	+++++ 179644	4314 488508	17900 959967	40301 2411612	95438	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Ethyl t-butyl ether	FB	Ave	+++++ 306907	8255 822765	30125 1611520	70319 3963662	146425	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
2-Butanone (MEK)	TBAd10	Ave	+++++ 181301	+++++ 521705	17339 1035047	41063 2437557	84562	+++++ 20.0	+++++ 50.0	2.00 100	5.00 250	10.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 119416	2800 319304	11873 618692	26237 1534308	61566	+++++ 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.: 410-234794-1 Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

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	+++++ 176775	5069 473211	18843 927098	40962 2289186	96232	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Propionitrile	TBAd10	Ave	+++++ 100378	+++++ 247792	+++++ 547505	16007 1271828	38545	+++++ 40.0	+++++ 100	+++++ 200	10.0 500	20.0
Methacrylonitrile	TBAd10	Ave	+++++ 199089	4500 553450	16662 1088759	40734 2641135	86632	+++++ 20.0	0.600 50.0	2.00 100	5.00 250	10.0
Bromochloromethane	FB	Ave	+++++ 44691	+++++ 120719	4094 237208	10286 578086	20976	+++++ 2.00	+++++ 5.00	0.200 10.0	0.500 25.0	1.00
Tetrahydrofuran	TBAd10	Ave	+++++ 27680	+++++ 70382	+++++ 144123	5318 337883	11085	+++++ 10.0	+++++ 25.0	+++++ 50.0	2.50 125	5.00
Chloroform	FB	Ave	+++++ 192868	5205 512582	19601 1002345	43528 2476585	99467	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,1,1-Trichloroethane	FB	Ave	+++++ 173849	5321 471646	17929 926264	41202 2290094	92932	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Cyclohexane	FB	Ave	2772 210628	6456 563474	20145 1145978	47946 2790308	102163	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Carbon tetrachloride	FB	Ave	+++++ 150816	4041 411604	14786 817391	33826 2038956	78314	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,1-Dichloropropene	FB	Ave	+++++ 164035	4580 445120	15668 880653	38060 2205717	86167	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Isobutyl alcohol	TBAd10	Ave	+++++ 64006	+++++ 149869	9533 320353	16101 840990	22218	+++++ 100	+++++ 250	10.0 500	25.0 1250	50.0
Benzene	FB	Ave	+++++ 464773	14047 1238147	46610 2429128	101760 6043873	252625	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,2-Dichloroethane	FB	Ave	+++++ 105824	3493 284381	10204 541725	24134 1305181	50003	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
t-Amyl methyl ether	FB	Ave	3536 254992	6658 680442	24191 1335257	57087 3354384	119976	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
n-Heptane	FB	Ave	+++++ 157443	6489 446501	16959 904590	35600 2217129	75711	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
n-Butanol	TBAd10	Lin	+++++ 89011	+++++ 212286	+++++ 485627	12166 1335228	19477	+++++ 175	+++++ 438	+++++ 875	43.8 2188	87.5
Trichloroethene	FB	Ave	+++++ 119909	3623 324806	12557 634809	27316 1585054	64703	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Methylcyclohexane	FB	Ave	2561 203873	6213 565122	19474 1145666	47579 2811804	97556	0.0200 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.: 410-234794-1 Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

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	+++++ 115250	2896 312143	10560 612112	26586 1531863	57558	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Methyl methacrylate	TBAd10	Ave	+++++ 37852	+++++ 107390	3174 218897	7905 556682	17132	+++++ 2.00	+++++ 5.00	0.200 10.0	0.500 25.0	1.00
Dibromomethane	FB	Ave	+++++ 44722	745 118264	4269 238541	10103 594857	20939	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,4-Dioxane	TBAd10	Lin1	+++++ 11842	+++++ 21502	+++++ 48472	375 155644	1959	+++++ 100	+++++ 250	+++++ 500	25.0 1250	50.0
Bromodichloromethane	FB	Ave	+++++ 128359	3436 340773	12364 680527	28240 1697281	62768	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
2-Nitropropane	TBAd10	Ave	+++++ 56130	+++++ 157146	7390 311668	12288 752379	25231	+++++ 10.0	+++++ 25.0	1.00 50.0	2.50 125	5.00
1-Bromo-2-chloroethane	FB	Ave	941 100571	3153 258324	10197 523216	25080 1319994	45636	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
cis-1,3-Dichloropropene	FB	Ave	+++++ 157614	3925 433233	14751 863378	34260 2166367	74455	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
4-Methyl-2-pentanone (MIBK)	TBAd10	Ave	6716 531151	14864 1392531	48068 2766816	116055 6682936	236617	0.200 20.0	0.600 50.0	2.00 100	5.00 250	10.0
Toluene	CBZd5	Ave	+++++ 292117	8467 782001	28809 1523359	65671 3811666	155904	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
trans-1,3-Dichloropropene	CBZd5	Ave	+++++ 120041	2833 333398	11519 664468	24503 1688774	53505	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Ethyl methacrylate	CBZd5	Ave	+++++ 89339	1672 242524	8114 480377	17938 1208466	37170	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,1,2-Trichloroethane	CBZd5	Ave	812 63106	1778 169067	6443 332280	14835 835586	29430	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Tetrachloroethene	CBZd5	Ave	+++++ 134794	3909 369012	14008 725515	31216 1795563	74060	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,3-Dichloropropane	CBZd5	Ave	1281 114638	2789 310635	10576 609210	25777 1524489	55118	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
2-Hexanone	TBAd10	Ave	+++++ 349222	11341 949481	30093 1897130	65862 4662358	151274	+++++ 20.0	0.600 50.0	2.00 100	5.00 250	10.0
Dibromochloromethane	CBZd5	Ave	962 82477	1759 218816	7519 442033	18274 1110083	37944	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,2-Dibromoethane (EDB)	CBZd5	Ave	520 59928	1467 159363	5033 319837	13209 800536	27393	0.0200 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.: 410-234794-1 Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

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	+++++ 163848	7873 450650	18699 886843	40837 2197487	85990	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Chlorobenzene	CBZd5	Ave	+++++ 309505	8606 825184	31907 1613732	70237 4024592	162377	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,1,1,2-Tetrachloroethane	CBZd5	Ave	+++++ 103655	2740 279129	9697 555115	23870 1371335	51167	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Ethylbenzene	CBZd5	Ave	+++++ 569846	15708 1556361	58754 3052167	131172 7621052	304640	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
m&p-Xylene	CBZd5	Ave	+++++ 435268	11594 1195288	44021 2340303	99969 5852696	232944	+++++ 4.00	0.120 10.0	0.400 20.0	1.00 50.0	2.00
o-Xylene	CBZd5	Ave	+++++ 210355	5625 573083	19867 1124598	47027 2808980	107510	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Styrene	CBZd5	Ave	3742 336167	8731 910777	30805 1806603	72995 4508023	166885	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Bromoform	CBZd5	Ave	+++++ 44093	833 122749	3664 248060	9558 627770	19846	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Isopropylbenzene	CBZd5	Ave	+++++ 503108	13925 1383452	50618 2704279	114730 6756743	267430	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 75701	2155 202504	7205 397340	17617 985125	34943	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Bromobenzene	DCBd4	Ave	+++++ 122079	3378 327504	12032 642588	27678 1601513	59684	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
trans-1,4-Dichloro-2-butene	TBAd10	Ave	1864 203233	4801 555194	17609 1108654	44577 2786924	94191	0.200 20.0	0.600 50.0	2.00 100	5.00 250	10.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 19860	428 51950	1856 103598	4374 255677	9112	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
N-Propylbenzene	DCBd4	Ave	+++++ 655502	19070 1808682	63725 3572093	151451 8983978	360035	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
2-Chlorotoluene	DCBd4	Ave	+++++ 130193	3366 350817	12429 689581	28630 1722075	68043	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 462350	12613 1283556	46466 2521045	104912 6334320	247870	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
4-Chlorotoluene	DCBd4	Ave	+++++ 132295	3285 356779	12425 688971	30138 1765816	66335	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
tert-Butylbenzene	DCBd4	Ave	+++++ 106575	2638 278845	9928 571835	23903 1436811	53085	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Pentachloroethane	DCBd4	Ave	454 74092	1558 199649	6538 411223	17133 1074097	32920	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++	12726	46296	105302	252696	+++++	0.0600	0.200	0.500	1.00

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1 Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

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
			475939	1302169	2561134	6530111		2.00	5.00	10.0	25.0	
sec-Butylbenzene	DCBd4	Ave	+++++ 588910	17095 1644421	58887 3261820	135188 8179372	313774	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 244888	6242 662850	24106 1318028	53587 3317384	122123	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
p-Isopropyltoluene	DCBd4	Ave	+++++ 507767	14094 1424244	50415 2827837	115129 7101704	268626	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 246726	7182 661485	25632 1299870	55773 3287920	125248	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 201953	5345 548633	19961 1070213	45642 2703402	104340	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Benzyl chloride	DCBd4	Ave	+++++ 30421	652 85767	2883 171072	6418 435250	13343	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
n-Butylbenzene	DCBd4	Ave	+++++ 238574	6337 686136	22673 1374829	52968 3507357	127261	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 217259	5469 584222	20892 1145202	47281 2874314	103857	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 10280	+++++ 27817	880 55579	2053 141763	4528	+++++ 2.00	+++++ 5.00	0.200 10.0	0.500 25.0	1.00
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 174896	4562 493194	16922 973645	39280 2484502	92882	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 142676	3824 399683	13424 789615	30990 2007740	68985	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Hexachlorobutadiene	DCBd4	Ave	+++++ 66184	2028 194652	6760 389062	15207 995050	34103	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Naphthalene	DCBd4	Ave	2753 233797	6369 629216	21107 1262412	49166 3199809	104127	0.0200 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 119192	3096 326758	10805 652335	25762 1671921	56030	+++++ 2.00	0.0600 5.00	0.200 10.0	0.500 25.0	1.00
Dibromofluoromethane (Surr)	FB	Ave	428541 444972	424242 449518	431324 457348	429583 458587	437313	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	76858 81800	77896 79921	78343 82019	79218 83477	78724	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0
Toluene-d8 (Surr)	CBZd5	Ave	1848290 1923949	1836061 1925363	1867719 1953391	1861945 1977484	1877074	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0
4-Bromofluorobenzene (Surr)	CBZd5	Ave	669168 687274	665620 696910	675483 699215	680449 706803	682936	10.0 10.0	10.0 10.0	10.0 10.0	10.0 10.0	10.0

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC | Job No.: 410-234794-1 | Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 | GC Column: R-624SilMS | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 | Calibration End Date: 07/09/2025 07:02 | Calibration ID: 74555

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1 Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-668589/13	HL08X12.D
Level 2	IC 410-668589/14	HL08X13.D
Level 3	IC 410-668589/15	HL08X14.D
Level 4	IC 410-668589/16	HL08X15.D
Level 5	IC 410-668589/17	HL08X16.D
Level 6	IC 410-668589/18	HL08X17.D
Level 7	IC 410-668589/19	HL08X18.D
Level 8	ICIS 410-668589/20	HL08X19.D
Level 9	IC 410-668589/21	HL08X20.D

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
Dichlorodifluoromethane	10.0 -3.7	7.1 -1.9	-9.2 -6.3	10.8	-0.4	-6.4	50 30	30 30	30 30	30	30	30
Chloromethane	+++++ -8.7	30.7 -14.6	2.9 -13.9	3.8	8.6	-8.9	 30	50 30	30 30	30	30	30
1,3-Butadiene	+++++ -3.2	13.4 -5.5	-7.3 -11.2	19.8	1.2	-7.2	 30	50 30	30 30	30	30	30
Vinyl chloride	+++++ -5.0	10.3 -5.7	-2.0 -10.4	9.7	9.8	-6.6	 30	50 30	30 30	30	30	30
Bromomethane	+++++ -5.3	7.6 -7.5	4.7 -9.0	4.2	11.4	-6.2	 30	50 30	30 30	30	30	30
Chloroethane	+++++ -6.1	3.6 -7.3	8.1 -7.7	7.0	9.3	-6.9	 30	50 30	30 30	30	30	30
Dichlorofluoromethane	+++++ -4.6	10.5 -5.8	1.9 -7.1	6.2	5.5	-6.5	 30	50 30	30 30	30	30	30
Trichlorofluoromethane	31.0 -5.7	2.9 -4.8	-11.0 -8.8	6.7	-2.1	-8.1	50 30	30 30	30 30	30	30	30
Ethyl ether	+++++ 10.3	-29.2 10.1	-9.8 9.0	4.1	0.5	5.0	 30	50 30	30 30	30	30	30
Freon 123a	+++++ -4.3	8.4 -3.2	2.8 -4.7	6.4	0.7	-6.0	 30	50 30	30 30	30	30	30
Acrolein	-8.8 21.9	-18.4 15.1	-10.0 0.4	-5.8	13.4	-7.8	50 30	30 30	30 30	30	30	30
1,1-Dichloroethene	+++++ 3.1	-2.1 0.2	5.1 -2.7	-7.6	6.9	-2.8	 30	50 30	30 30	30	30	30
Freon 113	-33.3 15.1	-10.3 13.8	0.6 8.4	-1.4	1.2	6.0	50 30	30 30	30 30	30	30	30
Acetone	+++++ 0.1	20.7 -6.2	12.6 -16.2	0.7	0.0	-11.6	 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 Environment Testing, LLC Job No.: 410-234794-1 Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4	LVL 5	LVL 6
Methyl iodide	+++++ 4.8	-5.9 0.4	1.8 -3.1	-5.1	8.2	-1.2	30	50 30	30 30	30	30	30
Ethyl bromide	-30.2 7.2	-5.3 5.3	10.3 4.8	8.5	-2.4	1.8	50 30	30 30	30 30	30	30	30
Carbon disulfide	+++++ 0.8	8.6 -3.0	4.0 -4.2	-6.7	6.8	-6.3	30	50 30	30 30	30	30	30
Methyl acetate	+++++ 10.0	+++++ 8.9	+++++ 10.4	-3.9	-0.9	-24.5	30	30	30	50	30	30
Allyl chloride	+++++ 1.0	6.3 -3.1	11.1 -4.2	-13.7	7.2	-4.6	30	50 30	30 30	30	30	30
Methylene Chloride	+++++ 3.4	1.1 -1.3	4.3 -3.2	-5.7	3.6	-2.1	30	50 30	30 30	30	30	30
t-Butyl alcohol	+++++ 7.5	+++++ 1.9	2.4 0.3	-3.8	-12.2	3.9	30	30	50 30	30	30	30
Methyl tert-butyl ether	11.2 4.9	-4.0 1.5	1.9 -1.6	-7.8	-5.7	-0.4	50 30	30 30	30 30	30	30	30
Acrylonitrile	+++++ 9.7	+++++ 5.1	+++++ -1.0	-39.8	-18.4	-17.7	30	30	30	50	30	30
trans-1,2-Dichloroethene	+++++ 5.6	-11.6 0.4	4.7 -1.1	-4.7	8.7	-2.0	30	50 30	30 30	30	30	30
n-Hexane	-4.0 8.2	0.2 8.5	-4.1 3.8	-7.1	-4.2	-1.2	50 30	30 30	30 30	30	30	30
1,1-Dichloroethane	+++++ 6.3	-9.2 1.9	0.2 -0.1	-5.9	7.3	-0.6	30	50 30	30 30	30	30	30
di-Isopropyl ether	+++++ 5.7	-3.8 2.2	4.8 0.5	-7.4	-1.7	-0.2	30	50 30	30 30	30	30	30
2-Chloro-1,3-butadiene	+++++ 7.4	-16.5 4.1	2.9 3.3	-7.9	7.2	-0.5	30	50 30	30 30	30	30	30
Ethyl t-butyl ether	+++++ 6.9	-5.6 3.3	2.3 0.4	-5.0	-2.8	0.5	30	50 30	30 30	30	30	30
2-Butanone (MEK)	+++++ 19.2	+++++ 12.2	-14.3 -2.9	-6.6	7.2	-14.8	30	30	50 30	30	30	30
cis-1,2-Dichloroethene	+++++ 7.8	-16.7 3.0	4.8 1.0	-7.8	6.2	1.7	30	50 30	30 30	30	30	30
2,2-Dichloropropane	+++++ 2.9	-2.9 -0.6	7.1 -3.0	-7.3	6.9	-3.1	30	50 30	30 30	30	30	30
Propionitrile	+++++ 13.6	+++++ 19.1	+++++ 1.7	-27.0	-2.0	-5.3	30	30	30	50	30	30
Methacrylonitrile	+++++ 25.7	-23.6 17.3	-18.2 4.6	-7.9	9.2	-7.0	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 Environment Testing, LLC Job No.: 410-234794-1 Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

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	+++++ 7.7	+++++ 4.4	-4.4 0.6	-4.5	-4.4	0.6	30	30	50 30	30	30	30
Tetrahydrofuran	+++++ 14.4	+++++ 11.2	+++++ -4.2	-14.0	0.0	-7.4	30	30	30	50	30	30
Chloroform	+++++ 4.9	-6.2 1.2	4.9 -1.1	-7.3	4.0	-0.5	30	50 30	30 30	30	30	30
1,1,1-Trichloroethane	+++++ 3.2	2.6 0.0	2.7 -2.2	-6.2	3.9	-4.0	30	50 30	30 30	30	30	30
Cyclohexane	30.4 0.4	1.3 0.7	-6.1 -3.1	-11.1	-7.0	-5.4	50 30	30 30	30 30	30	30	30
Carbon tetrachloride	+++++ 6.7	-7.8 4.5	0.2 3.0	-8.8	3.7	-1.5	30	50 30	30 30	30	30	30
1,1-Dichloropropene	+++++ 5.6	-4.3 3.0	-2.8 2.0	-6.1	4.4	-1.9	30	50 30	30 30	30	30	30
Isobutyl alcohol	+++++ -2.0	+++++ -0.6	34.9 -4.0	4.8	-19.3	-13.9	30	30	50 30	30	30	30
Benzene	+++++ 3.3	3.2 -0.1	1.7 -1.7	-11.7	7.6	-2.3	30	50 30	30 30	30	30	30
1,2-Dichloroethane	+++++ 5.6	14.2 -0.7	-0.9 -5.5	-6.7	-5.1	-0.9	30	50 30	30 30	30	30	30
t-Amyl methyl ether	40.2 2.1	-12.0 -1.1	-5.0 -1.8	-10.8	-8.0	-3.5	50 30	30 30	30 30	30	30	30
n-Heptane	+++++ 2.2	30.8 2.2	1.6 -1.0	-15.2	-11.4	-9.1	30	50 30	30 30	30	30	30
n-Butanol	+++++ -2.2	+++++ 1.3	+++++ -0.1	34.0	-12.9	-2.0	30	30	30	50	30	30
Trichloroethene	+++++ 3.5	1.6 -0.3	4.6 -1.6	-9.5	5.3	-3.7	30	50 30	30 30	30	30	30
Methylcyclohexane	23.7 3.4	0.1 3.4	-6.8 0.3	-9.4	-8.8	-5.9	50 30	30 30	30 30	30	30	30
1,2-Dichloropropane	+++++ 8.3	-11.5 4.8	-4.2 3.7	-4.0	2.1	0.8	30	50 30	30 30	30	30	30
Methyl methacrylate	+++++ 19.6	+++++ 15.7	-23.5 8.1	-12.4	5.9	-13.3	30	30	50 30	30	30	30
Dibromomethane	+++++ 10.8	-38.5 10.2	4.6 8.7	-1.5	0.2	5.6	30	50 30	30 30	30	30	30
1,4-Dioxane	+++++ -9.4	+++++ -8.5	+++++ 4.3	9.3	-11.4	15.7	30	30	30	50	30	30
Bromodichloromethane	+++++ 6.0	-5.9 4.4	0.6 3.0	-8.6	-0.2	0.7	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 Environment Testing, LLC Job No.: 410-234794-1 Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

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	+++++ 12.9	+++++ 6.3	14.9 -5.7	-12.1	0.6	-17.0	30	30	50 30	30	30	30
1-Bromo-2-chloroethane	-3.4 0.5	8.0 0.4	3.7 0.1	1.5	-9.3	-1.4	50 30	30 30	30 30	30	30	30
cis-1,3-Dichloropropene	+++++ 10.1	-12.1 8.3	-1.9 7.4	-9.4	-3.3	1.0	30	50 30	30 30	30	30	30
4-Methyl-2-pentanone (MIBK)	31.6 11.7	-10.9 5.3	-16.6 -6.5	-7.4	5.3	-12.4	50 30	30 30	30 30	30	30	30
Toluene	+++++ 5.2	-1.6 1.2	-0.5 -0.2	-9.0	6.3	-1.3	30	50 30	30 30	30	30	30
trans-1,3-Dichloropropene	+++++ 13.2	-16.9 11.4	0.4 11.6	-14.2	-7.9	2.4	30	50 30	30 30	30	30	30
Ethyl methacrylate	+++++ 16.5	-30.6 13.9	0.1 13.0	-11.2	-9.5	7.8	30	50 30	30 30	30	30	30
1,1,2-Trichloroethane	27.4 2.4	-7.0 -0.6	0.2 -1.5	-7.4	-9.6	-4.0	50 30	30 30	30 30	30	30	30
Tetrachloroethene	+++++ 5.1	-3.9 2.0	2.4 -0.5	-8.4	6.9	-3.6	30	50 30	30 30	30	30	30
1,3-Dichloropropane	15.5 8.1	-16.1 4.7	-5.5 3.3	-7.5	-2.8	0.2	50 30	30 30	30 30	30	30	30
2-Hexanone	+++++ 19.1	6.4 13.0	-18.3 2.0	-17.7	5.4	-9.8	30	50 30	30 30	30	30	30
Dibromochloromethane	22.2 7.3	-25.5 7.0	-5.3 6.0	-7.6	-5.7	1.6	50 30	30 30	30 30	30	30	30
1,2-Dibromoethane (EDB)	-6.0 11.3	-11.6 10.3	-9.8 8.8	-5.0	-3.1	5.1	50 30	30 30	30 30	30	30	30
1-Chlorohexane	+++++ -3.7	45.3 -6.4	2.6 -8.6	-10.1	-6.9	-12.1	30	50 30	30 30	30	30	30
Chlorobenzene	+++++ 4.9	-5.5 1.3	4.2 -0.4	-8.0	4.6	-1.2	30	50 30	30 30	30	30	30
1,1,1,2-Tetrachloroethane	+++++ 7.8	-8.6 5.9	-3.8 3.1	-5.0	0.1	0.5	30	50 30	30 30	30	30	30
Ethylbenzene	+++++ 6.1	-7.5 2.7	2.8 1.1	-7.9	5.2	-2.5	30	50 30	30 30	30	30	30
m&p-Xylene	+++++ 7.1	-10.3 3.6	1.3 2.1	-7.6	5.8	-2.0	30	50 30	30 30	30	30	30
o-Xylene	+++++ 8.4	-8.1 5.0	-3.5 3.4	-8.3	3.1	-0.1	30	50 30	30 30	30	30	30
Styrene	14.2 7.3	-11.1 5.1	-6.8 3.4	-11.3	-0.3	-0.5	50 30	30 30	30 30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1 Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

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	+++++ 16.5	-31.7 16.2	-10.8 15.9	-6.5	-4.6	5.1	30	50 30	30 30	30	30	30
Isopropylbenzene	+++++ 7.1	-6.9 3.3	0.6 1.8	-8.5	4.9	-2.2	30	50 30	30 30	30	30	30
1,1,2,2-Tetrachloroethane	+++++ 7.2	-1.4 4.0	-1.7 1.6	-4.3	-6.1	0.7	30	50 30	30 30	30	30	30
Bromobenzene	+++++ 6.8	-4.8 3.6	1.2 1.7	-7.3	-1.2	0.0	30	50 30	30 30	30	30	30
trans-1,4-Dichloro-2-butene	-1.2 20.5	-22.1 14.2	-17.3 5.5	-3.7	13.5	-9.3	50 30	30 30	30 30	30	30	30
1,2,3-Trichloropropane	+++++ 9.7	-21.9 8.2	1.0 5.1	-5.2	-2.3	5.4	30	50 30	30 30	30	30	30
N-Propylbenzene	+++++ 6.0	-3.4 3.6	-3.7 2.6	-8.8	7.1	-3.4	30	50 30	30 30	30	30	30
2-Chlorotoluene	+++++ 7.7	-10.7 4.7	-1.6 3.0	-9.7	6.1	0.5	30	50 30	30 30	30	30	30
1,3,5-Trimethylbenzene	+++++ 7.5	-8.7 4.4	0.4 3.4	-9.8	5.4	-2.7	30	50 30	30 30	30	30	30
4-Chlorotoluene	+++++ 8.8	-13.4 3.9	-2.3 4.8	-5.7	2.7	1.3	30	50 30	30 30	30	30	30
tert-Butylbenzene	+++++ 5.8	-13.5 7.3	-2.9 6.2	-6.9	2.3	1.6	30	50 30	30 30	30	30	30
Pentachloroethane	-31.9 15.0	-22.5 17.1	-2.9 20.5	1.3	-3.8	7.2	50 30	30 30	30 30	30	30	30
1,2,4-Trimethylbenzene	+++++ 7.5	-9.2 4.5	-1.5 5.0	-10.8	5.9	-1.3	30	50 30	30 30	30	30	30
sec-Butylbenzene	+++++ 6.9	-4.0 4.9	-1.3 3.6	-9.8	3.5	-3.8	30	50 30	30 30	30	30	30
1,3-Dichlorobenzene	+++++ 8.1	-12.0 6.3	1.3 5.3	-10.3	1.1	0.3	30	50 30	30 30	30	30	30
p-Isopropyltoluene	+++++ 8.1	-7.6 6.1	-1.4 4.9	-10.3	3.4	-3.2	30	50 30	30 30	30	30	30
1,4-Dichlorobenzene	+++++ 4.7	-1.8 1.7	4.6 1.3	-9.4	0.6	-1.9	30	50 30	30 30	30	30	30
1,2,3-Trimethylbenzene	+++++ 7.4	-9.6 3.6	0.8 3.1	-8.3	3.7	-0.7	30	50 30	30 30	30	30	30
Benzyl chloride	+++++ 15.2	-24.3 13.6	-0.2 13.8	-11.5	-9.1	2.6	30	50 30	30 30	30	30	30
n-Butylbenzene	+++++ 10.4	-11.9 9.4	-5.9 9.9	-12.5	4.0	-3.5	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 Environment Testing, LLC Job No.: 410-234794-1 Analy Batch No.: 668589

SDG No.:

Instrument ID: 19094 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2025 04:17 Calibration End Date: 07/09/2025 07:02 Calibration ID: 74555

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	+++++ 9.2	-11.7 5.9	0.7 4.6	-9.3	-1.5	2.0	30	50 30	30 30	30	30	30
1,2-Dibromo-3-Chloropropane	+++++ 11.0	+++++ 9.6	-9.5 10.1	-15.9	-8.3	3.0	30	30	50 30	30	30	30
1,3,5-Trichlorobenzene	+++++ 9.5	-12.5 6.9	-3.1 7.4	-10.5	4.7	-2.4	30	50 30	30 30	30	30	30
1,2,4-Trichlorobenzene	+++++ 10.9	-8.3 8.3	-4.0 8.4	-11.8	-2.9	-0.6	30	50 30	30 30	30	30	30
Hexachlorobutadiene	+++++ 9.2	-1.7 7.9	-2.2 8.7	-12.4	-2.9	-6.7	30	50 30	30 30	30	30	30
Naphthalene	21.6 6.7	-6.7 5.8	-7.7 5.6	-14.4	-10.4	-0.4	50 30	30 30	30 30	30	30	30
1,2,3-Trichlorobenzene	+++++ 10.3	-9.7 8.9	-5.9 9.9	-10.7	-4.0	1.1	30	50 30	30 30	30	30	30
Dibromofluoromethane (Surr)	0.8 0.1	-0.2 0.5	0.5 -0.5	-0.5	-0.5	-0.1	50 30	30 30	30 30	30	30	30
1,2-Dichloroethane-d4 (Surr)	-0.3 -1.9	1.1 -0.7	0.6 -0.1	1.2	-1.2	1.3	50 30	30 30	30 30	30	30	30
Toluene-d8 (Surr)	-0.2 0.3	-0.8 0.5	0.0 0.3	0.0	-0.9	0.7	50 30	30 30	30 30	30	30	30
4-Bromofluorobenzene (Surr)	0.1 0.6	-0.4 -0.3	0.1 -0.7	1.2	-0.1	-0.4	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\20250709-152824.b\HL08X12.D
Lims ID: IC std1 0.02
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 09-Jul-2025 04:17:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152824-013
Misc. Info.: IC STD1 0.02
Operator ID: gaw91131 Instrument ID: 19094
Sublist: chrom-MSV_19094_25mL*sub1

Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 16-Jul-2025 16:04:43 Calib Date: 09-Jul-2025 07:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1623

First Level Reviewer: JS6E Date: 11-Jul-2025 01:13:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.806	1.831	-0.025	30	1308	0.0200	0.0220	
5 Chloromethane	50	2.001	2.013	-0.012	95	5977	0.0200	0.0761	
7 Butadiene	39	2.093	2.105	-0.012	85	2674	0.0200	0.0354	
6 Vinyl chloride	62	2.105	2.123	-0.018	96	3765	0.0200	0.0530	
9 Bromomethane	94	2.385	2.391	-0.006	1	3181	0.0200	0.0631	M
10 Chloroethane	64	2.465	2.477	-0.012	1	2691	0.0200	0.0604	
11 Dichlorofluoromethane	67	2.678	2.690	-0.012	94	7614	0.0200	0.0638	
12 Trichlorofluoromethane	101	2.678	2.788	-0.110	1	2413	0.0200	0.0262	M
14 Ethyl ether	59		2.971				ND	ND	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.038	3.050	-0.012	1	2955	0.0200	0.0430	
16 Acrolein	56	3.221	3.117	0.104	23	3792	0.9759	0.8895	M
17 1,1-Dichloroethene	96	3.239	3.251	-0.012	93	2423	0.0200	0.0521	
19 Acetone	43		3.275				0.2000	ND	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.275	3.294	-0.019	1	609	0.0200	0.0133	M
21 Iodomethane	142	3.422	3.434	-0.012	97	5897	0.0200	0.0661	
22 Ethyl bromide	108	3.452	3.458	-0.006	24	548	0.0200	0.0139	M
23 Carbon disulfide	76	3.538	3.531	0.007	99	10099	0.0200	0.0708	M
24 Methyl acetate	43		3.660				ND	ND	U
26 3-Chloro-1-propene	41	3.696	3.684	0.012	86	8700	0.0200	0.0947	
27 Methylene Chloride	84	3.849	3.855	-0.006	77	2803	0.0200	0.0574	
* 28 t-Butyl alcohol-d10 (IS)	65	3.849	3.891	-0.042	97	73626	50.0	50.0	
29 2-Methyl-2-propanol	59		3.995				ND	ND	
31 Acrylonitrile	53		4.184				ND	ND	
32 Methyl tert-butyl ether	73	4.196	4.214	-0.018	56	2378	0.0200	0.0222	
33 trans-1,2-Dichloroethene	96	4.245	4.239	0.006	97	3142	0.0200	0.0610	
34 Hexane	57	4.647	4.659	-0.012	10	1501	0.0200	0.0192	
36 1,1-Dichloroethane	63	4.891	4.891	0.000	89	6159	0.0200	0.0619	
37 Isopropyl ether	45	4.952	4.952	0.000	76	7059	0.0200	0.0420	
38 2-Chloro-1,3-butadiene	53	5.013	5.001	0.012	7	3992	0.0200	0.0463	
40 Tert-butyl ethyl ether	59	5.495	5.495	0.001	86	4990	0.0200	0.0342	

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				ND	ND	U
42 cis-1,2-Dichloroethene	96	5.757	5.732	0.025	79	3089	0.0200	0.0551	
43 2,2-Dichloropropane	77	5.744	5.744	0.000	73	4741	0.0200	0.0544	
44 Propionitrile	54		5.775				ND	ND	
47 Methacrylonitrile	67		5.988				0.2000	ND	
48 Chlorobromomethane	128		6.068				ND	ND	
49 Tetrahydrofuran	71		6.080				ND	ND	
S 46 1,2-Dichloroethene, Total	100				0			0.1161	
50 Chloroform	83	6.214	6.226	-0.012	88	5660	0.0200	0.0612	
$ 52 Dibromofluoromethane (Surr)	113	6.433	6.446	-0.013	94	428541	10.0	10.1	
53 1,1,1-Trichloroethane	97	6.452	6.458	-0.006	84	4664	0.0200	0.0539	
54 Cyclohexane	56	6.555	6.561	-0.006	74	2772	0.0200	0.0261	
56 Carbon tetrachloride	117	6.665	6.677	-0.012	80	3019	0.0200	0.0413	
55 1,1-Dichloropropene	75	6.677	6.677	0.000	87	3734	0.0200	0.0468	
57 Isobutyl alcohol	41	6.824	6.824	0.000	1	908	1.00	1.45	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.897	0.006	77	76858	10.0	9.97	
59 Benzene	78	6.933	6.939	-0.006	92	14215	0.0200	0.0626	
60 1,2-Dichloroethane	62	7.006	7.006	0.000	1	1828	0.0200	0.0359	
63 Tert-amyl methyl ether	73	7.128	7.141	-0.013	95	3536	0.0200	0.0280	
* 64 Fluorobenzene (IS)	96	7.342	7.354	-0.012	99	1832045	10.0	10.0	
65 n-Heptane	43	7.372	7.372	0.000	60	3169	0.0200	0.0383	
67 n-Butanol	56		7.732				ND	ND	
68 Trichloroethene	95	7.848	7.842	0.006	94	3759	0.0200	0.0632	
69 Methylcyclohexane	83	8.153	8.159	-0.006	56	2561	0.0200	0.0247	
70 1,2-Dichloropropane	63	8.171	8.177	-0.006	71	2720	0.0200	0.0499	
71 2-ethoxy-2-methyl butane	87	8.201	8.195	0.006	87	3232	0.0200	0.0391	
72 Methyl methacrylate	69		8.268				ND	ND	
73 1,4-Dioxane	88		8.287				ND	ND	
74 Dibromomethane	93		8.287				ND	ND	
76 Dichlorobromomethane	83	8.537	8.531	0.007	89	2489	0.0200	0.0409	M
77 2-Nitropropane	41	8.811	8.793	0.018	46	1862	0.1000	0.3270	M
79 1-Bromo-2-chloroethane	63	8.951	8.927	0.024	1	941	0.0200	0.0193	
80 cis-1,3-Dichloropropene	75	9.116	9.097	0.019	84	3023	0.0200	0.0406	M
82 4-Methyl-2-pentanone (MIBK)	43	9.305	9.280	0.025	86	6716	0.2000	0.2632	M
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1848290	10.0	9.98	
84 Toluene	92	9.512	9.506	0.006	95	9137	0.0200	0.0637	
85 trans-1,3-Dichloropropene	75		9.786				ND	ND	U
104 Ethyl methacrylate	69		9.860				ND	ND	U
106 1,1,2-Trichloroethane	97	10.000	10.000	0.000	1	812	0.0200	0.0255	
S 105 1,3-Dichloropropene, Total	100				0			0.0406	
107 Tetrachloroethene	166	10.091	10.091	0.000	93	3845	0.0200	0.0567	
108 1,3-Dichloropropane	76	10.177	10.164	0.013	84	1281	0.0200	0.0231	
109 2-Hexanone	43	10.268	10.219	0.049	32	5438	0.2000	0.3335	M
111 Chlorodibromomethane	129	10.396	10.390	0.006	77	962	0.0200	0.0244	
112 Ethylene Dibromide	107	10.518	10.500	0.018	2	520	0.0200	0.0188	
* 113 Chlorobenzene-d5 (IS)	117	10.945	10.951	-0.006	87	1331318	10.0	10.0	
114 1-Chlorohexane	91	10.957	10.963	-0.006	55	6362	0.0200	0.0704	M
115 Chlorobenzene	112	10.981	10.975	0.006	92	8792	0.0200	0.0579	
116 1,1,1,2-Tetrachloroethane	131	11.061	11.060	0.001	40	2094	0.0200	0.0419	
117 Ethylbenzene	91	11.073	11.067	0.006	98	13973	0.0200	0.0493	
119 m-Xylene & p-Xylene	106	11.195	11.189	0.006	99	12209	0.0400	0.1134	
S 118 Xylenes, Total	106				0			0.1682	

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	11.524	11.518	0.006	96	5600	0.0200	0.0549	
121 Styrene	104	11.560	11.536	0.024	89	3742	0.0200	0.0228	M
122 Bromoform	173		11.695				ND	ND	
123 Isopropylbenzene	105	11.829	11.829	0.000	96	14053	0.0200	0.0563	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	669168	10.0	10.0	
127 1,1,2,2-Tetrachloroethane	83		12.079				ND	ND	
128 Bromobenzene	156	12.091	12.091	0.000	96	2667	0.0200	0.0453	
129 trans-1,4-Dichloro-2-butene	53	12.127	12.103	0.024	82	1864	0.2000	0.1977	
130 1,2,3-Trichloropropane	110		12.121				ND	ND	
131 N-Propylbenzene	91	12.170	12.164	0.006	99	17829	0.0200	0.0545	
132 2-Chlorotoluene	126	12.237	12.237	0.000	95	3518	0.0200	0.0563	
133 1,3,5-Trimethylbenzene	105	12.304	12.304	0.000	94	13125	0.0200	0.0573	
134 4-Chlorotoluene	126	12.335	12.329	0.006	97	3203	0.0200	0.0509	
135 tert-Butylbenzene	134	12.542	12.542	0.000	92	2597	0.0200	0.0514	
136 Pentachloroethane	167	12.572	12.572	0.000	1	454	0.0200	0.0136	
137 1,2,4-Trimethylbenzene	105	12.591	12.585	0.006	97	12888	0.0200	0.0554	
138 sec-Butylbenzene	105	12.713	12.707	0.006	94	14211	0.0200	0.0481	
139 1,3-Dichlorobenzene	146	12.816	12.804	0.012	96	6096	0.0200	0.0518	
140 4-Isopropyltoluene	119	12.822	12.822	0.000	97	12812	0.0200	0.0506	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	735717	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.883	12.883	0.000	85	6492	0.0200	0.0535	
143 1,2,3-Trimethylbenzene	120	12.896	12.889	0.007	93	5439	0.0200	0.0555	
144 Benzyl chloride	126		12.956				ND	ND	
145 p-Diethylbenzene	119	13.097	13.097	0.000	93	6907	0.0200	0.0466	
146 n-Butylbenzene	92	13.115	13.115	0.000	95	4896	0.0200	0.0411	
147 1,2-Dichlorobenzene	146	13.152	13.139	0.013	94	4416	0.0200	0.0430	
149 1,2-Dibromo-3-Chloropropane	155		13.688				ND	ND	
150 1,3,5-Trichlorobenzene	180	13.822	13.816	0.006	95	4542	0.0200	0.0525	
151 1,2,4-Trichlorobenzene	180	14.249	14.237	0.012	89	2862	0.0200	0.0414	
152 Hexachlorobutadiene	225	14.322	14.322	0.000	88	1652	0.0200	0.0483	
153 Naphthalene	128	14.432	14.414	0.018	89	2753	0.0200	0.0243	
154 1,2,3-Trichlorobenzene	180	14.560	14.560	0.000	93	2079	0.0200	0.0366	
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_00279	Amount Added:	0.40	Units: uL	
MSV_LL_#1_826_00171	Amount Added:	0.40	Units: uL	
MSV_LL_#2_826_00185	Amount Added:	0.40	Units: uL	
MSV_LLcentISS_00016	Amount Added:	5.00	Units: uL	Run Reagent

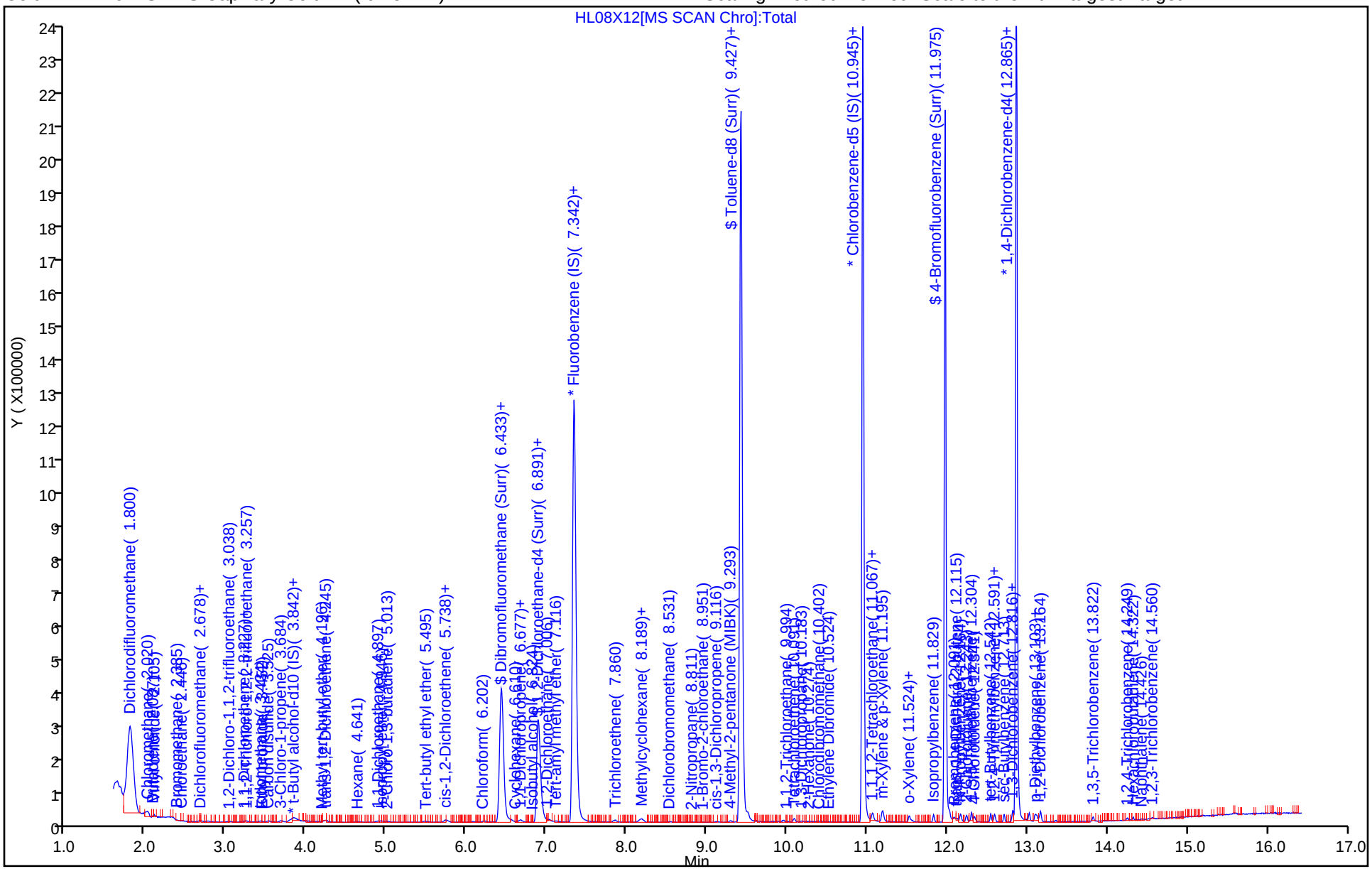
Report Date: 16-Jul-2025 16:04:44 Chrom Revision: 2.3 14-Jul-2025 13:55:14

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D

Injection Date:	09-Jul-2025 04:17:30	Instrument ID:	19094	Operator ID:	gaw91131
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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

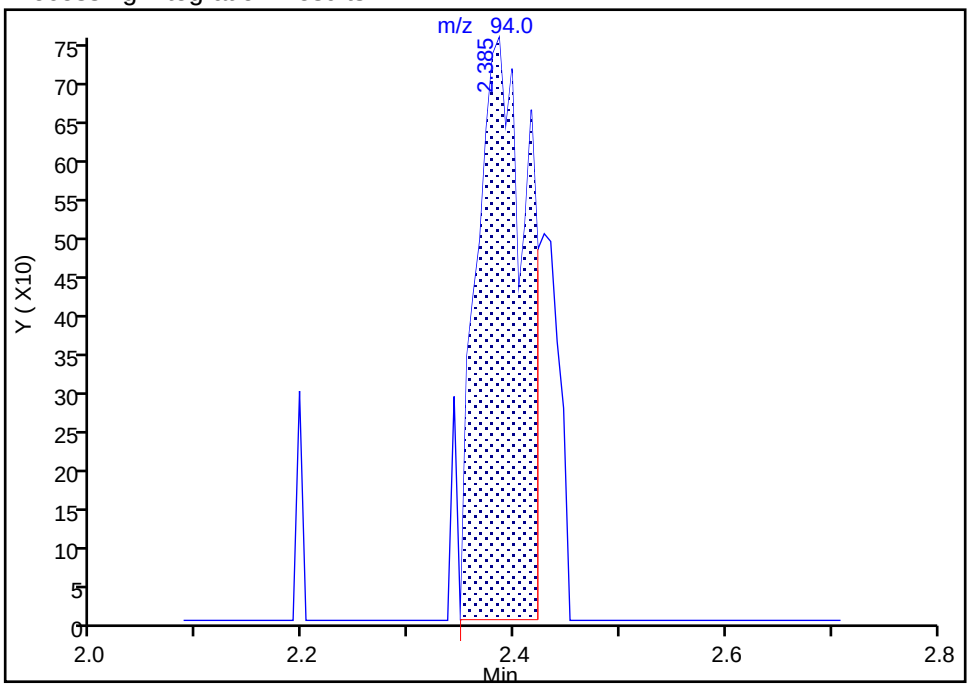
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D
Injection Date: 09-Jul-2025 04:17:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

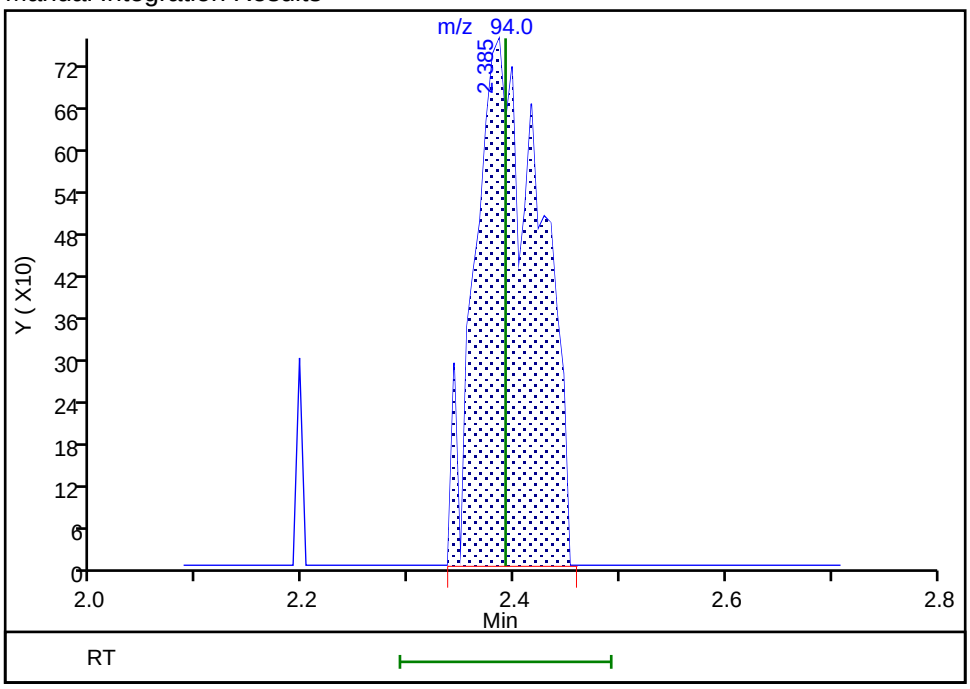
Processing Integration Results

RT: 2.39
Area: 2481
Amount: 0.052060
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 3181
Amount: 0.063094
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:09:34 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

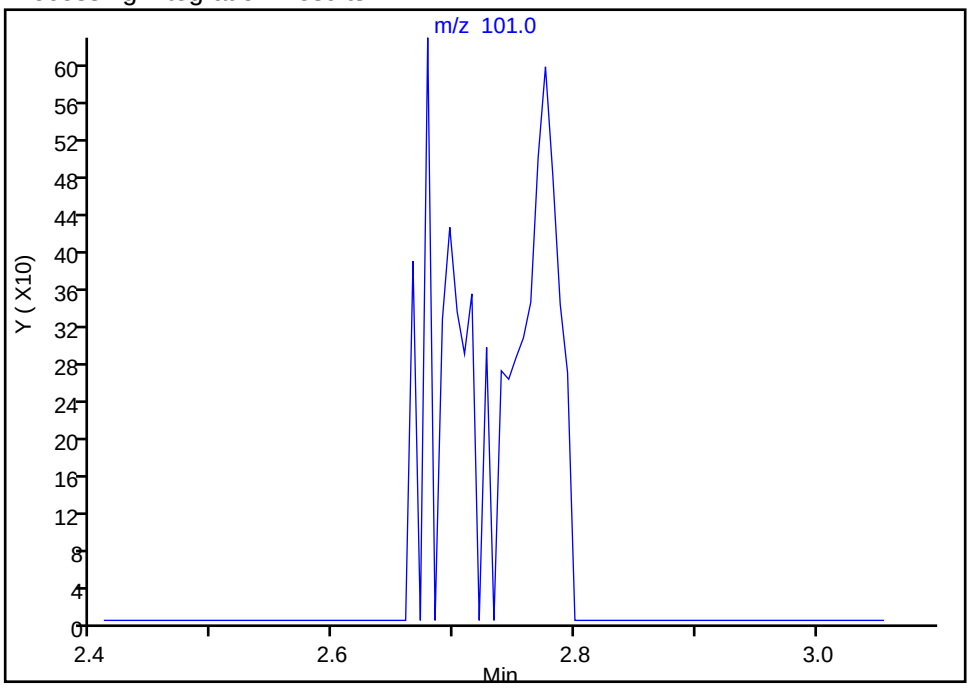
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D
Injection Date: 09-Jul-2025 04:17:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

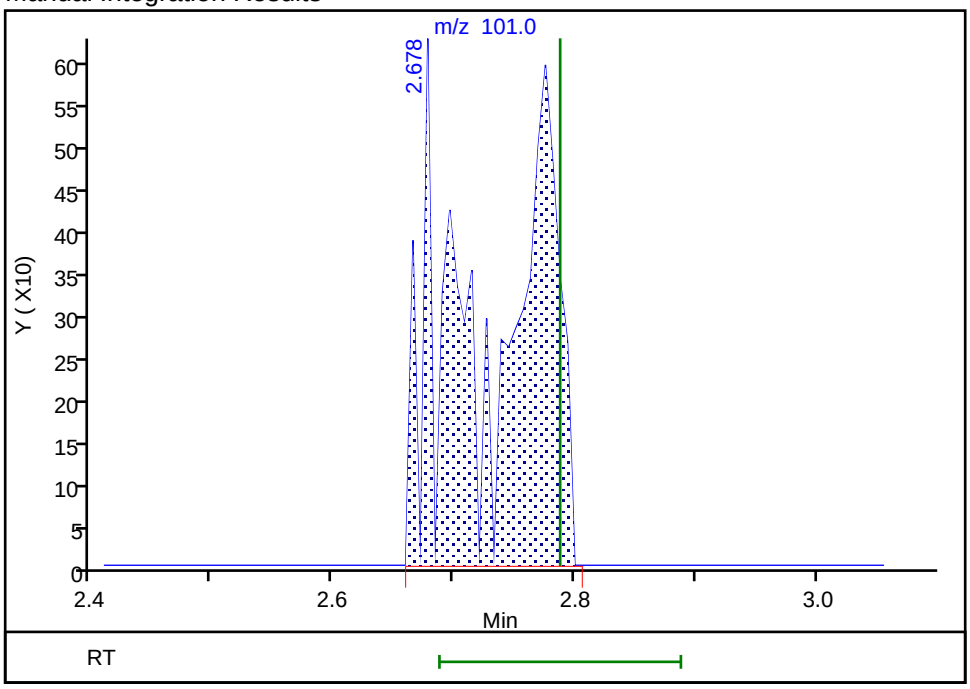
Not Detected
Expected RT: 2.79

Processing Integration Results



Manual Integration Results

RT: 2.68
Area: 2413
Amount: 0.026204
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:09:40 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

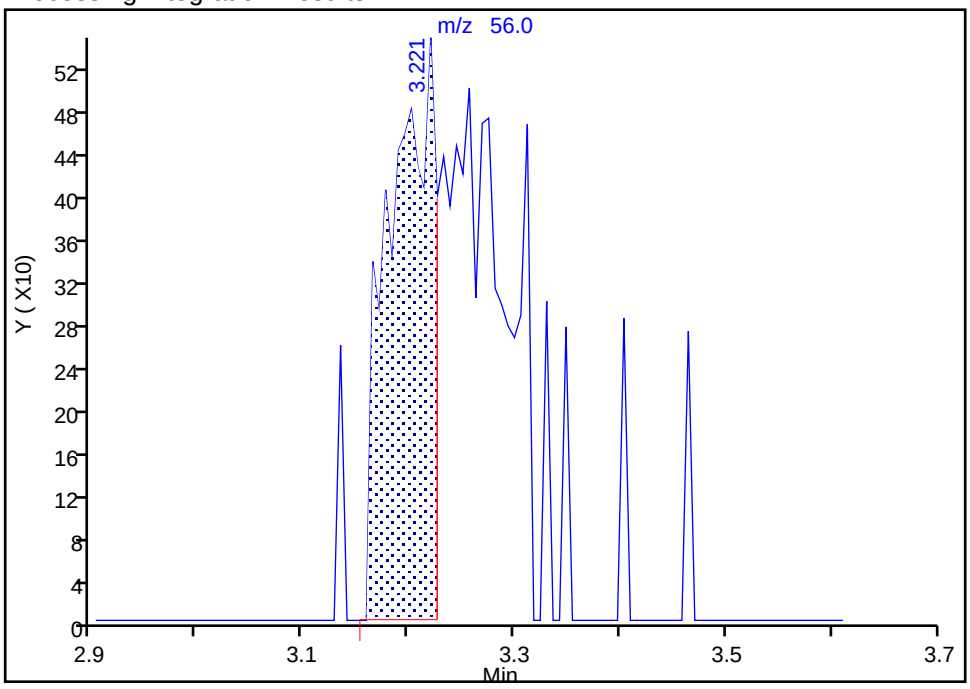
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D				
Injection Date:	09-Jul-2025 04:17:30	Instrument ID:	19094		
Lims ID:	IC std1 0.02				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

16 Acrolein, CAS: 107-02-8

Signal: 1

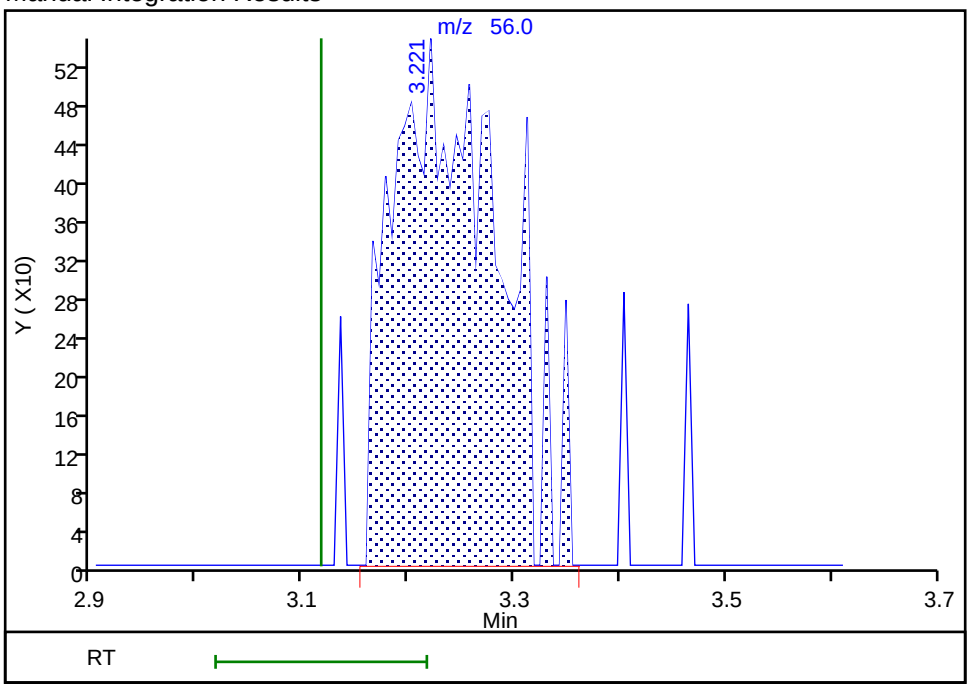
Processing Integration Results

RT: 3.22
Area: 1643
Amount: 1.092740
Amount Units: ug/l



Manual Integration Results

RT: 3.22
Area: 3792
Amount: 0.889541
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:10:12 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

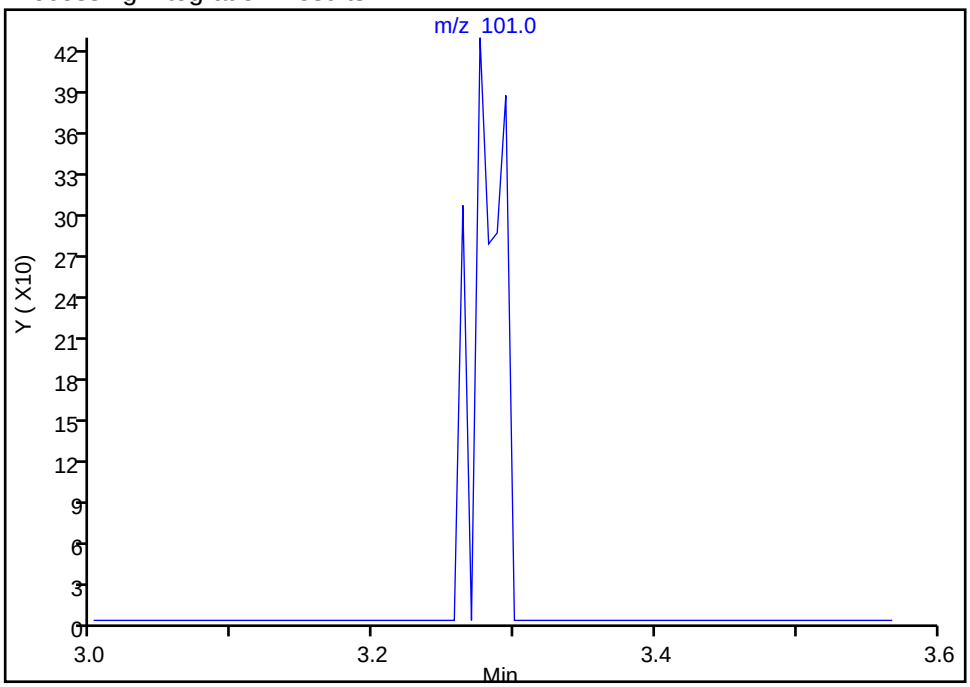
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D				
Injection Date:	09-Jul-2025 04:17:30	Instrument ID:	19094		
Lims ID:	IC std1 0.02				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

20 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

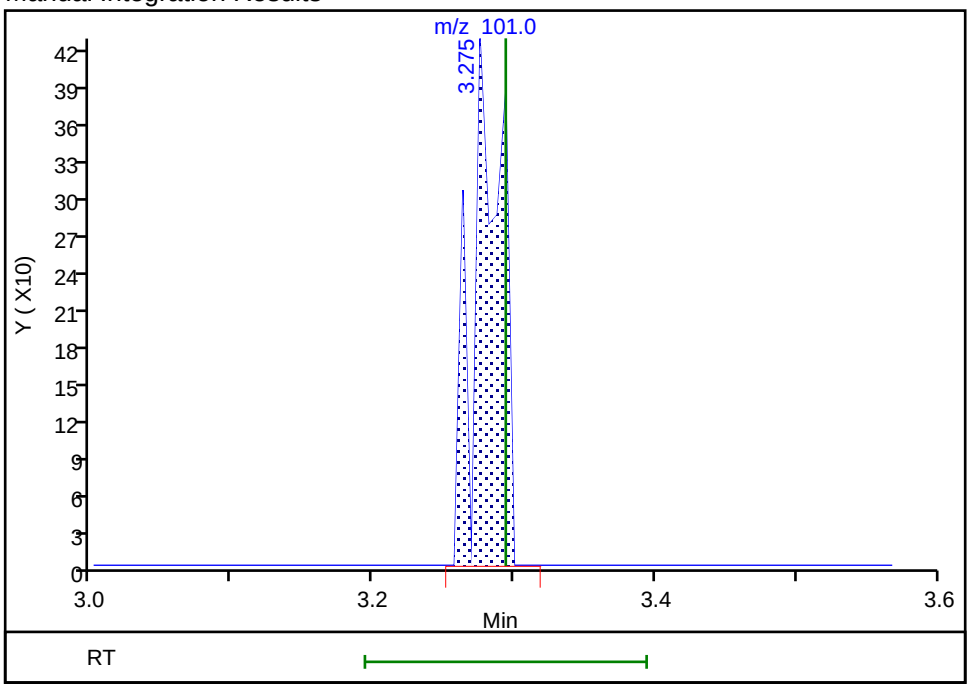
Not Detected
Expected RT: 3.29

Processing Integration Results



Manual Integration Results

RT: 3.28
Area: 609
Amount: 0.013342
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:10:17 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

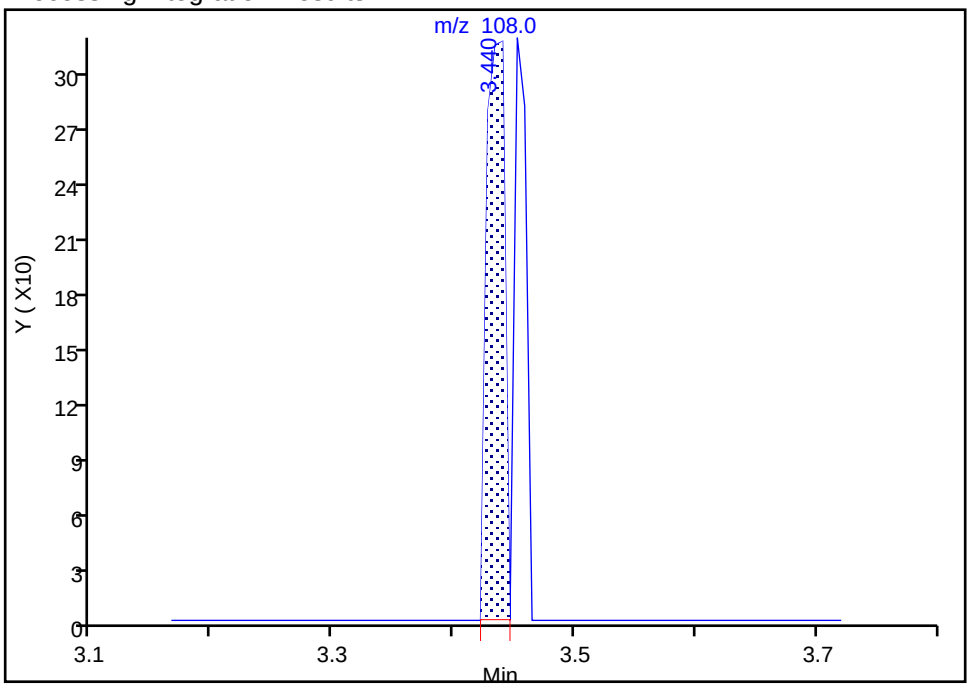
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D				
Injection Date:	09-Jul-2025 04:17:30	Instrument ID:	19094		
Lims ID:	IC std1 0.02				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

22 Ethyl bromide, CAS: 74-96-4

Signal: 1

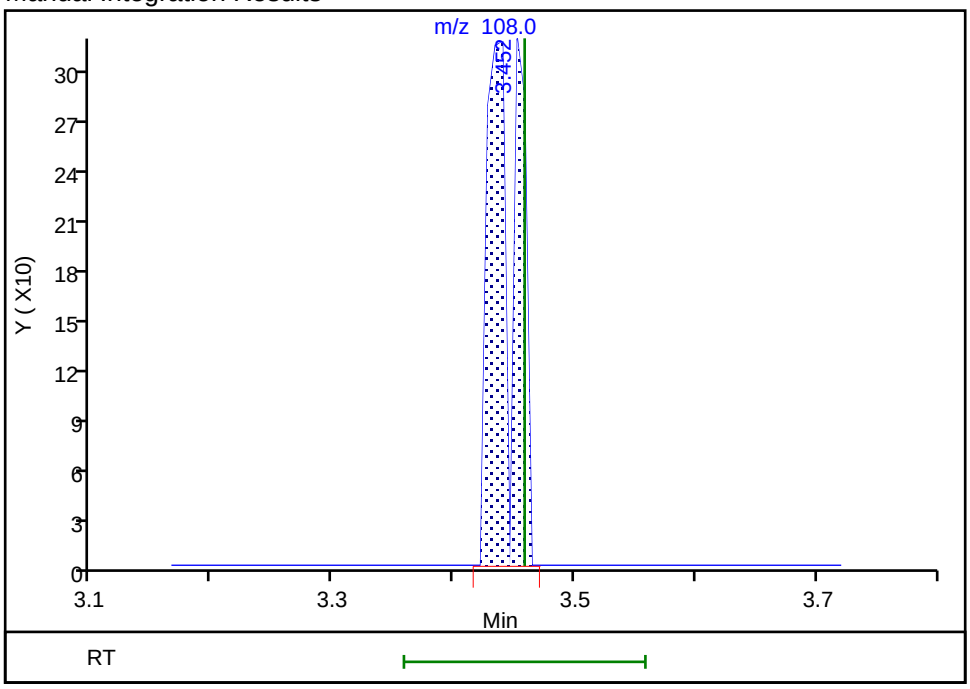
Processing Integration Results

RT: 3.44
Area: 330
Amount: 0.019326
Amount Units: ug/l



Manual Integration Results

RT: 3.45
Area: 548
Amount: 0.013943
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:10:25 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

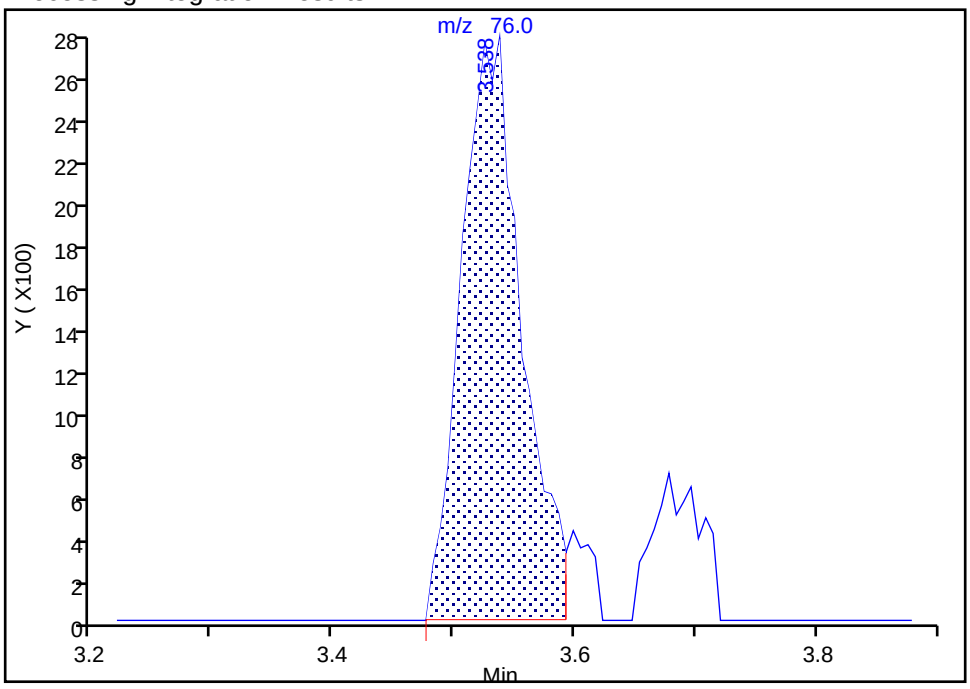
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D				
Injection Date:	09-Jul-2025 04:17:30	Instrument ID:	19094		
Lims ID:	IC std1 0.02				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

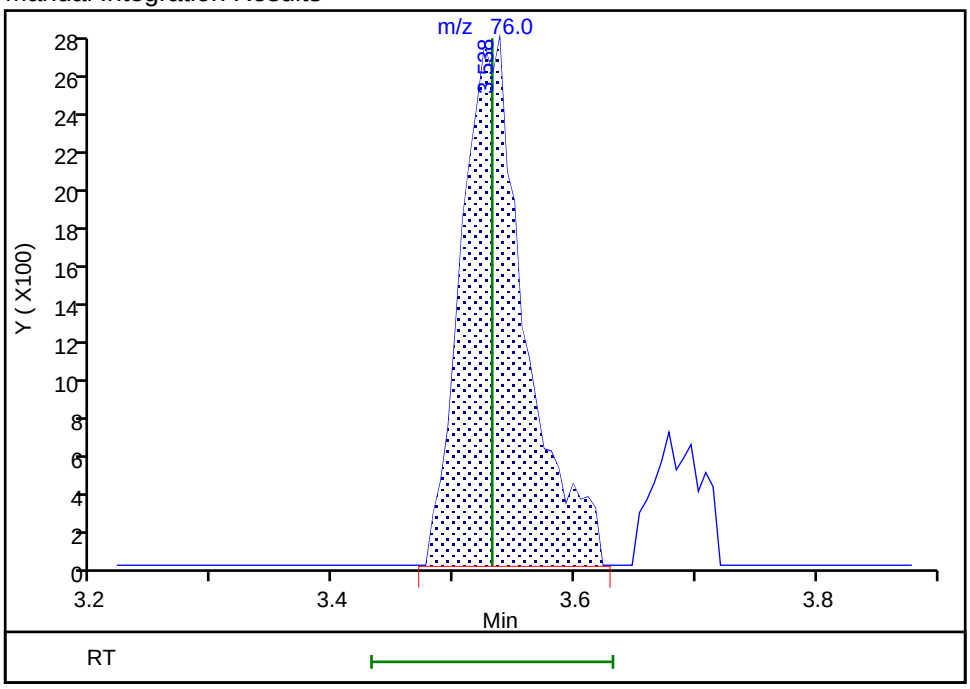
Processing Integration Results

RT: 3.54
Area: 9579
Amount: 0.056114
Amount Units: ug/l



Manual Integration Results

RT: 3.54
Area: 10099
Amount: 0.070805
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:10:30 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

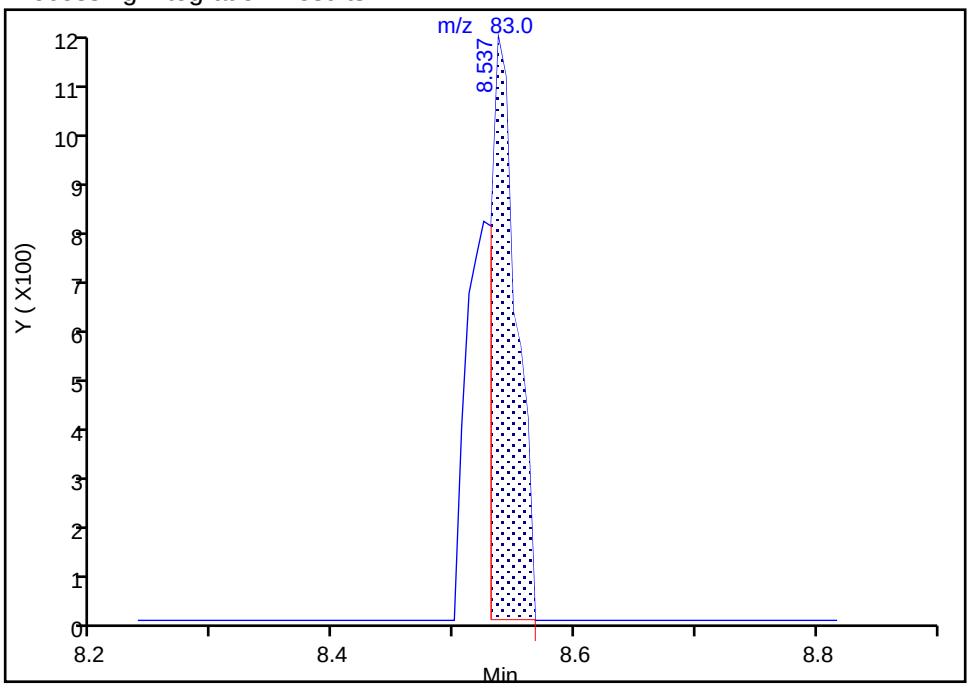
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D				
Injection Date:	09-Jul-2025 04:17:30	Instrument ID:	19094		
Lims ID:	IC std1 0.02				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

76 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

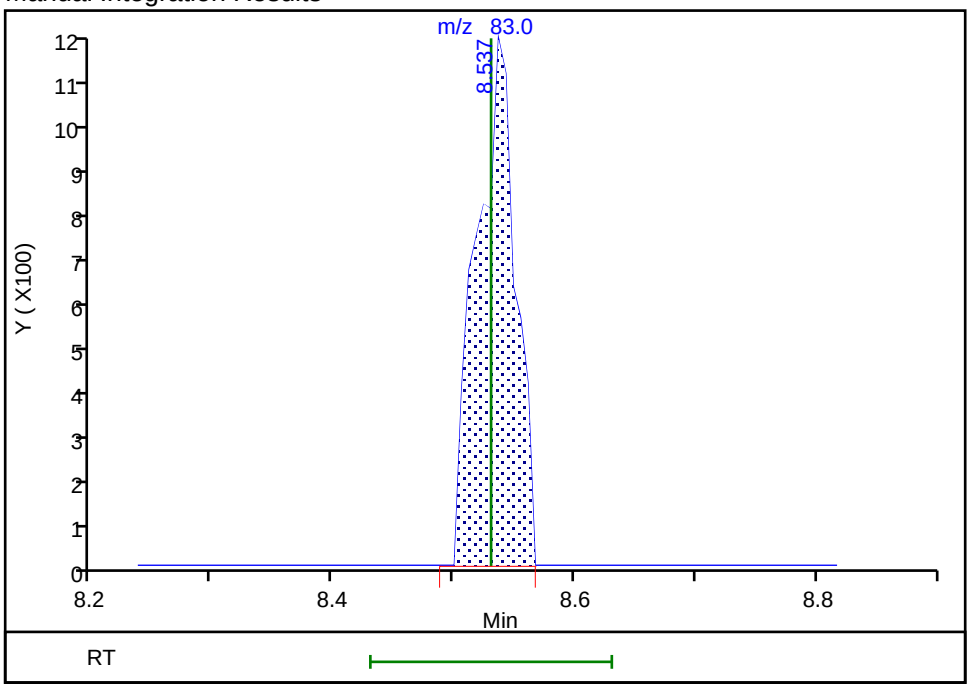
Processing Integration Results

RT: 8.54
Area: 1599
Amount: 0.025389
Amount Units: ug/l



Manual Integration Results

RT: 8.54
Area: 2489
Amount: 0.040898
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:11:56 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

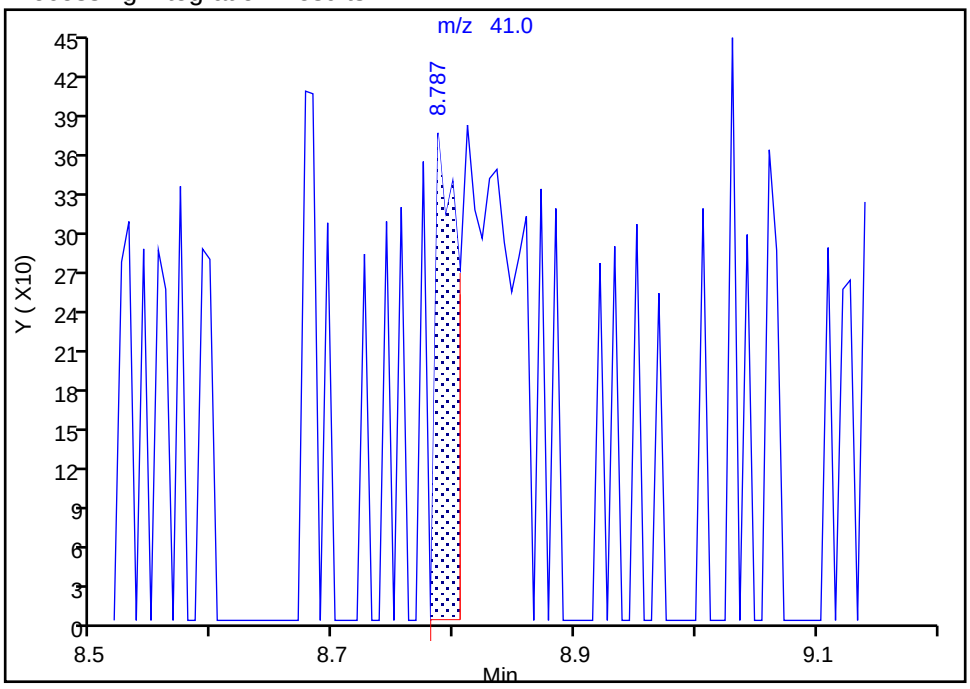
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D				
Injection Date:	09-Jul-2025 04:17:30	Instrument ID:	19094		
Lims ID:	IC std1 0.02				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Signal: 1

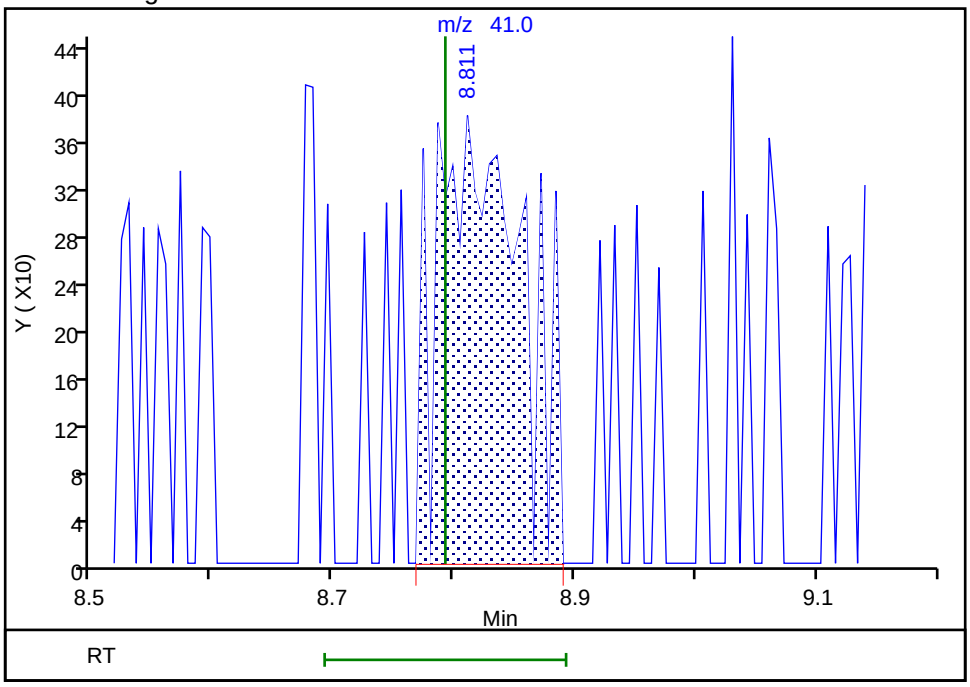
Processing Integration Results

RT: 8.79
Area: 471
Amount: 0.097767
Amount Units: ug/l



Manual Integration Results

RT: 8.81
Area: 1862
Amount: 0.326992
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:12:05 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

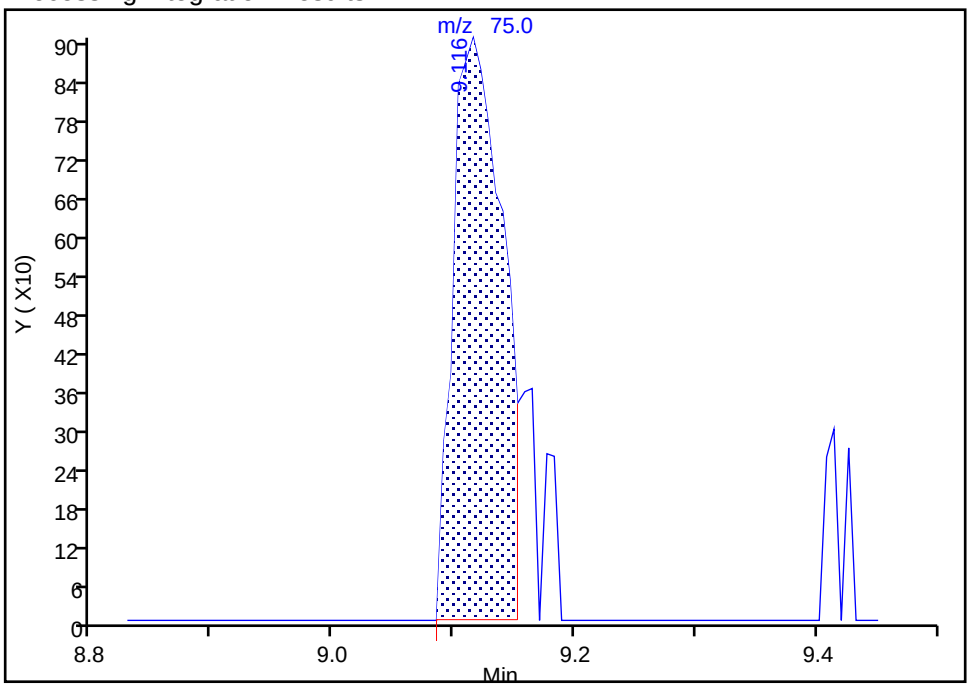
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D				
Injection Date:	09-Jul-2025 04:17:30	Instrument ID:	19094		
Lims ID:	IC std1 0.02				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

80 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

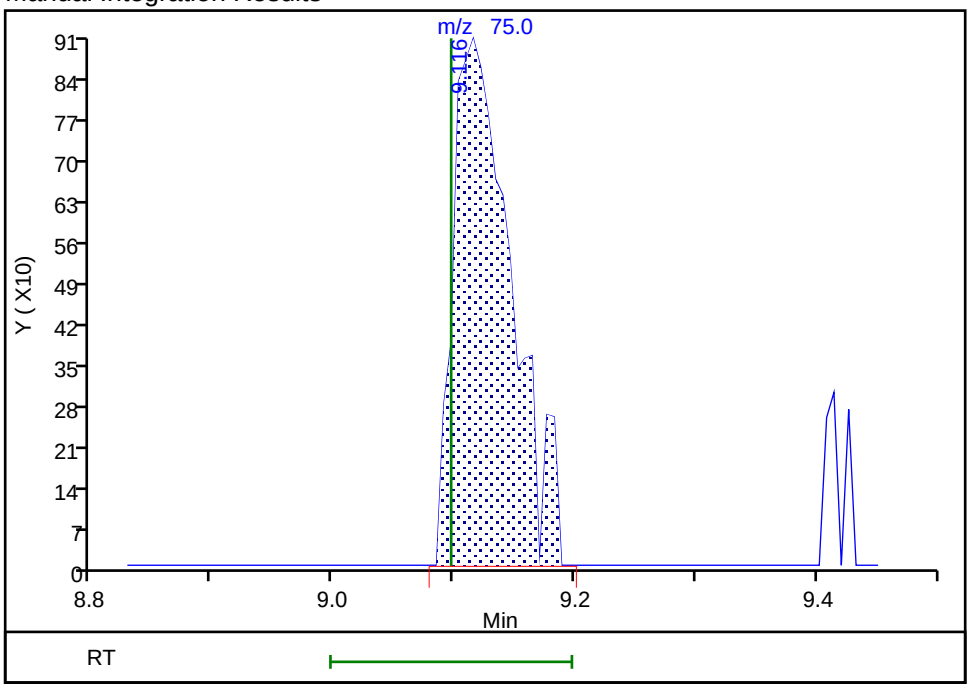
Processing Integration Results

RT: 9.12
Area: 2575
Amount: 0.033322
Amount Units: ug/l



Manual Integration Results

RT: 9.12
Area: 3023
Amount: 0.040586
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:12:11 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

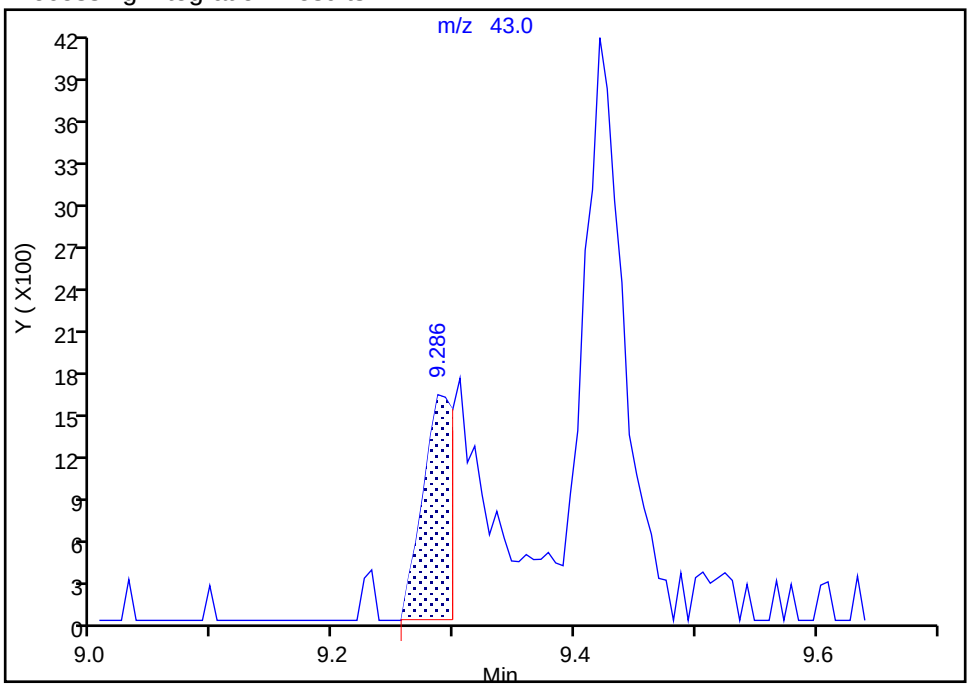
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D
Injection Date: 09-Jul-2025 04:17:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

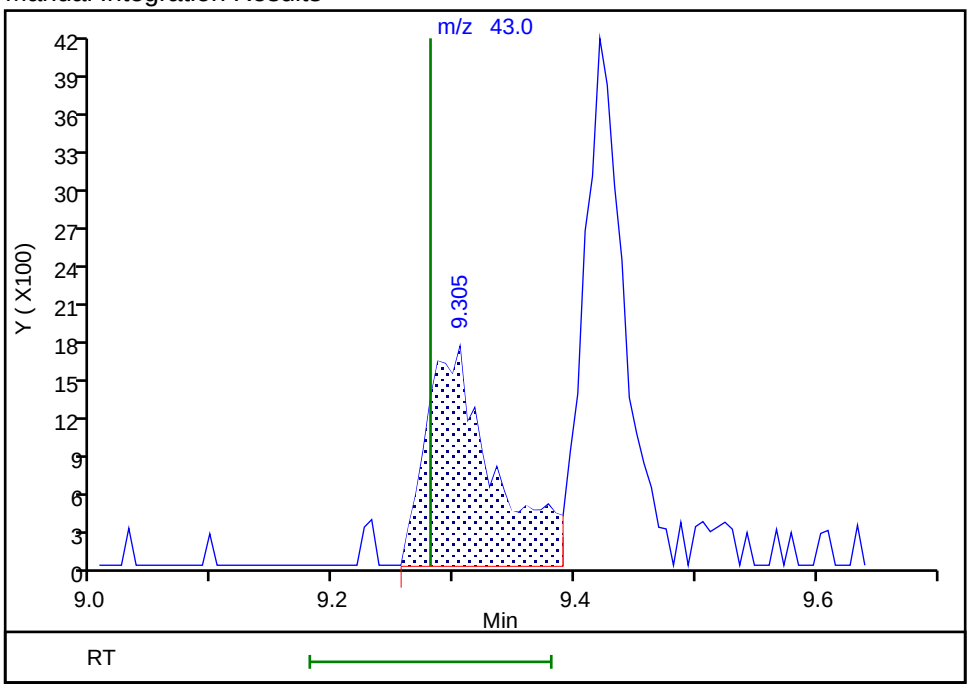
Processing Integration Results

RT: 9.29
Area: 2869
Amount: 0.124666
Amount Units: ug/l



Manual Integration Results

RT: 9.30
Area: 6716
Amount: 0.263167
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:12:27 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

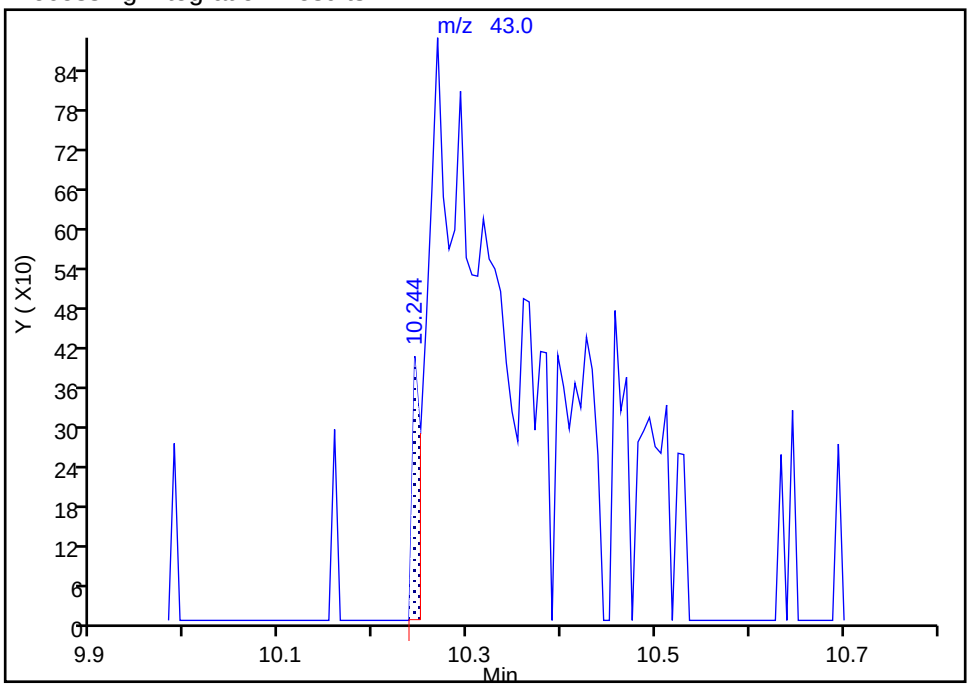
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D				
Injection Date:	09-Jul-2025 04:17:30	Instrument ID:	19094		
Lims ID:	IC std1 0.02				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Signal: 1

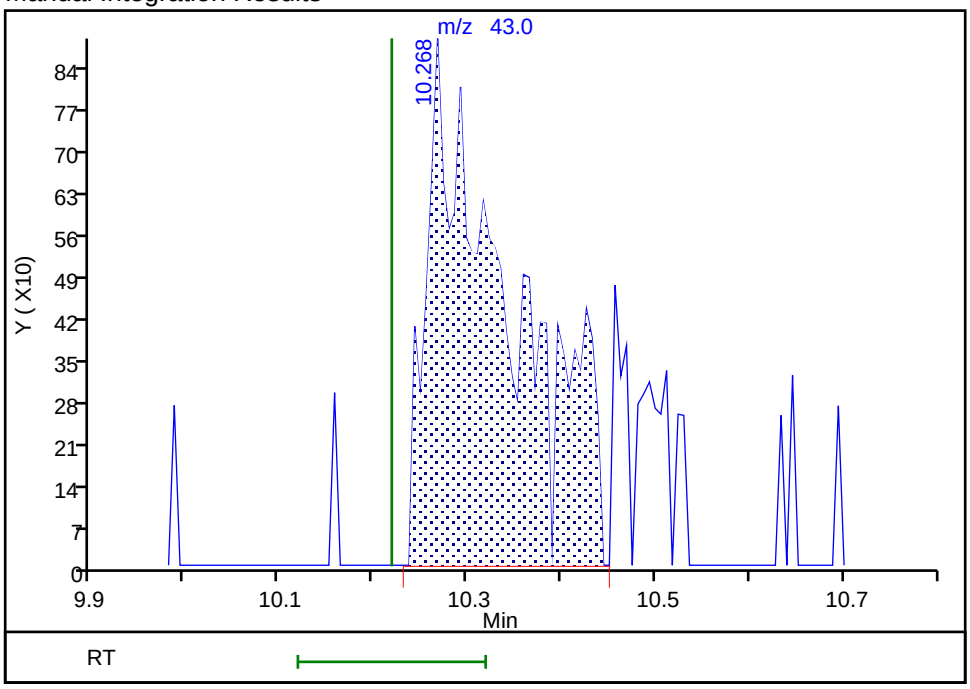
Processing Integration Results

RT: 10.24
Area: 250
Amount: 0.019031
Amount Units: ug/l



Manual Integration Results

RT: 10.27
Area: 5438
Amount: 0.333477
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:13:00 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

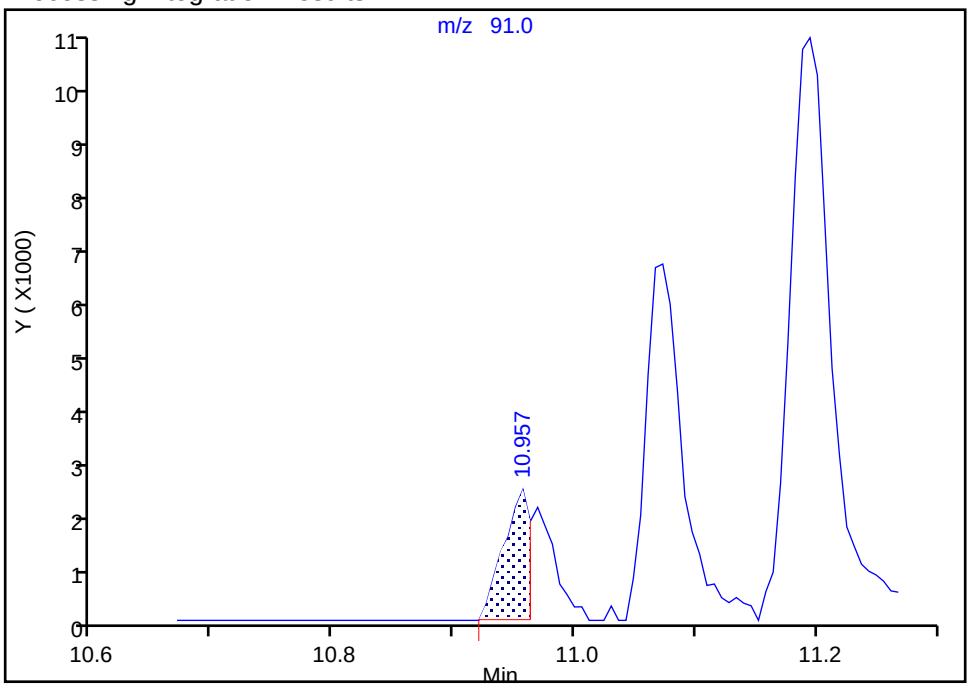
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D
Injection Date: 09-Jul-2025 04:17:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

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

Signal: 1

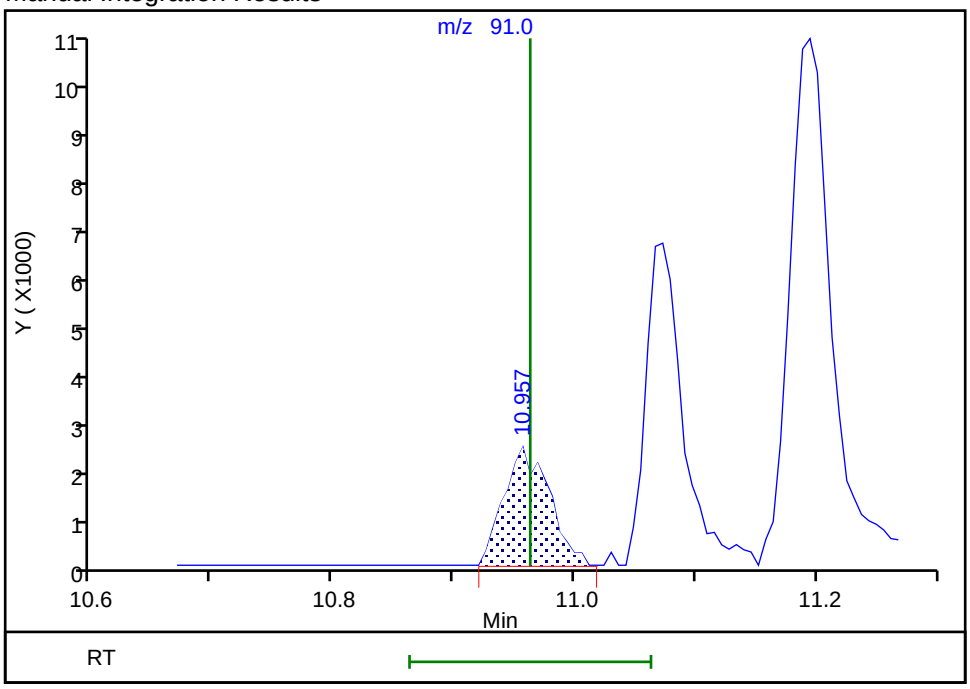
Processing Integration Results

RT: 10.96
Area: 3805
Amount: 0.019178
Amount Units: ug/l



Manual Integration Results

RT: 10.96
Area: 6362
Amount: 0.070410
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:13:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

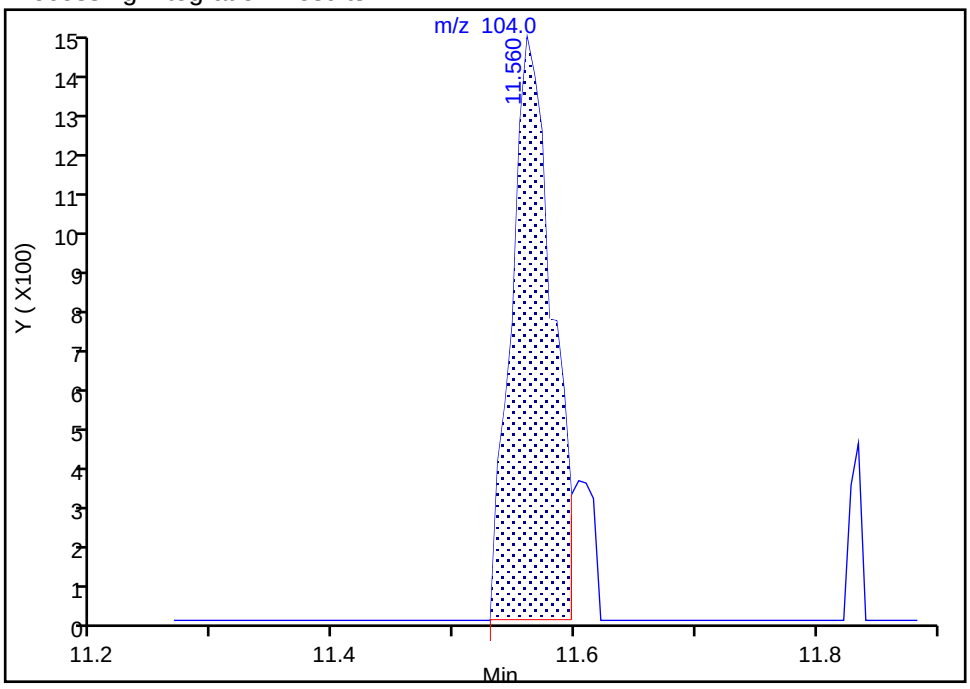
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D
Injection Date: 09-Jul-2025 04:17:30 Instrument ID: 19094
Lims ID: IC std1 0.02
Client ID:
Operator ID: gaw91131 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

121 Styrene, CAS: 100-42-5

Signal: 1

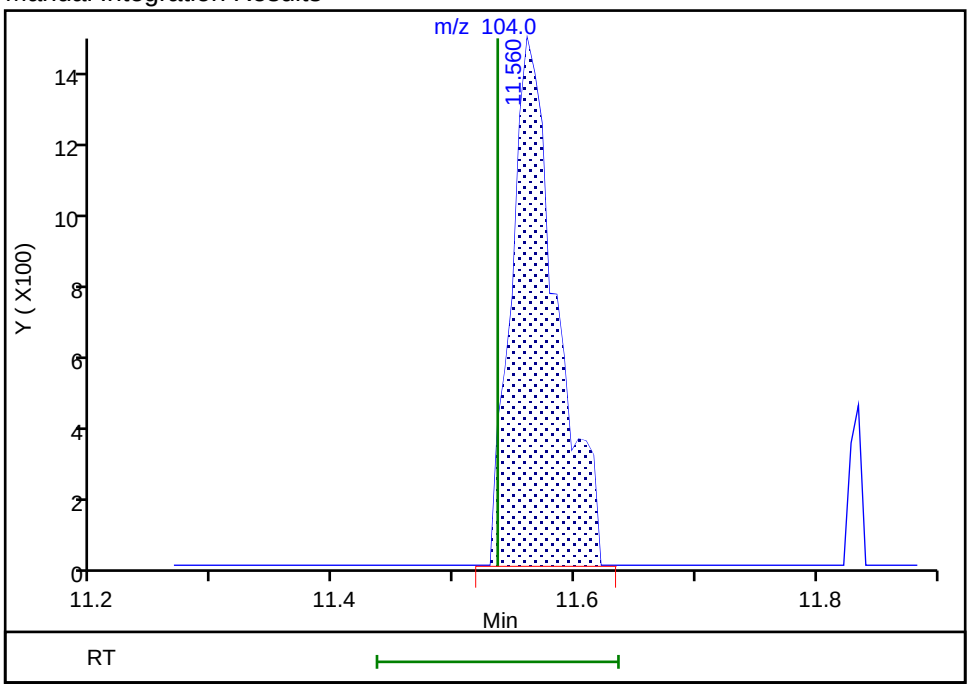
Processing Integration Results

RT: 11.56
Area: 3381
Amount: 0.021248
Amount Units: ug/l



Manual Integration Results

RT: 11.56
Area: 3742
Amount: 0.022844
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:13:31 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

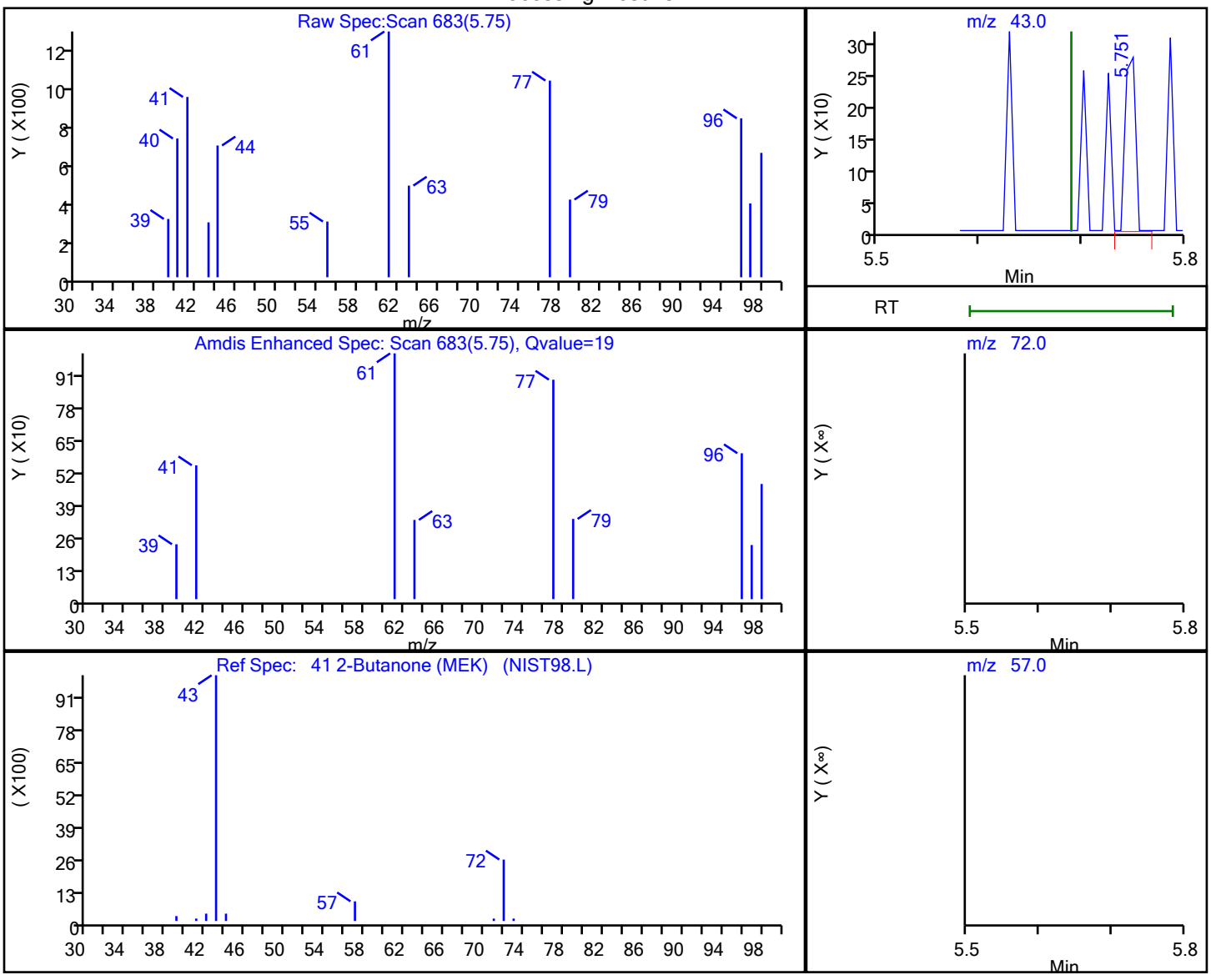
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D				
Injection Date:	09-Jul-2025 04:17:30	Instrument ID:	19094		
Lims ID:	IC std1 0.02				
Client ID:					
Operator ID:	gaw91131	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)	Detector	MS Quad		

41 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
5.75	43.00	194	0.029271
5.69	72.00	0	
5.69	57.00	0	

Reviewer: JS6E, 11-Jul-2025 01:10:56 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

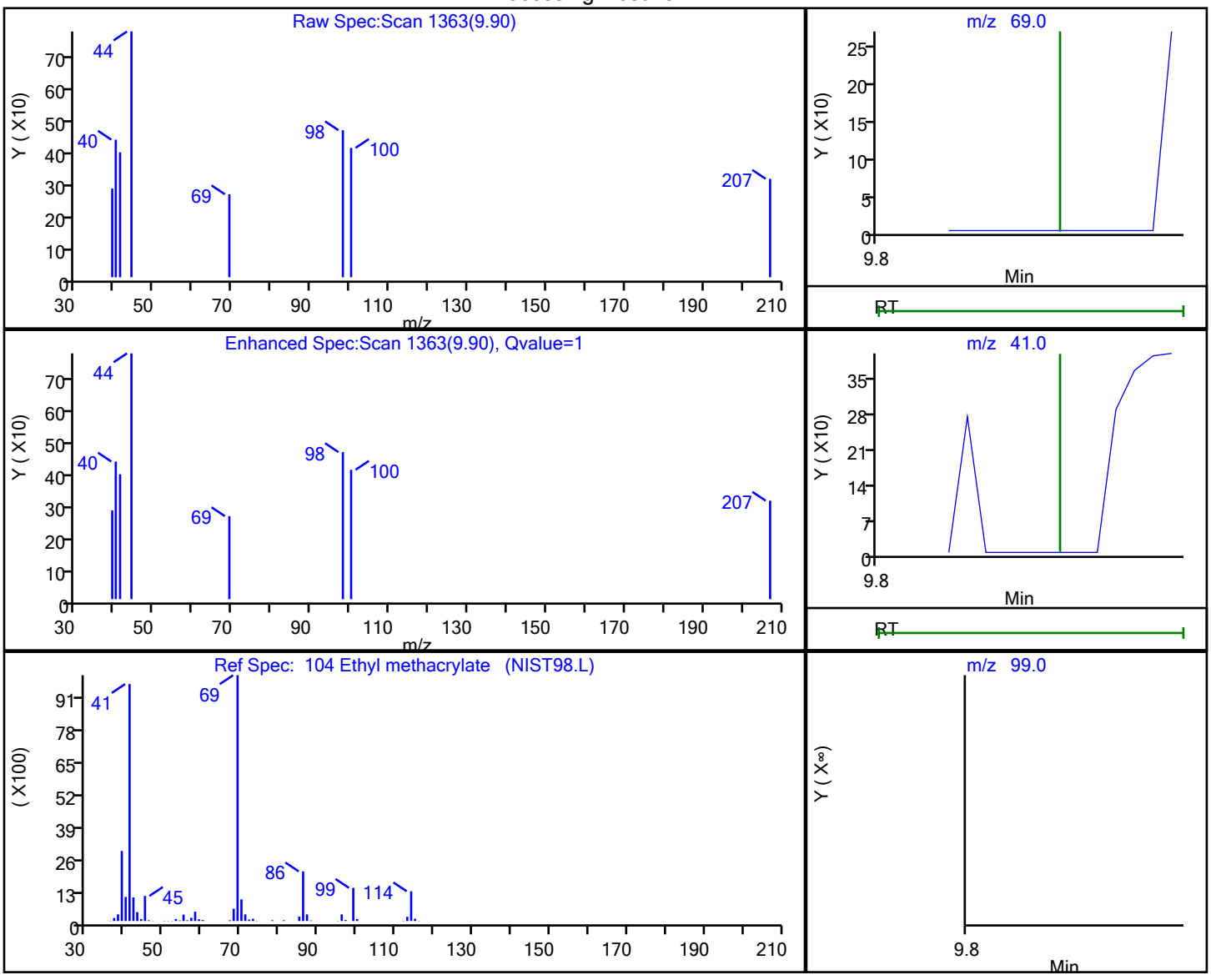
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D				
Injection Date:	09-Jul-2025 04:17:30	Instrument ID:	19094		
Lims ID:	IC std1 0.02				
Client ID:					
Operator ID:	gaw91131	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)	Detector	MS Quad		

104 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
9.90	69.00	96	0.002902
9.90	41.00	660	
9.86	99.00	0	
9.86	86.00	0	

Reviewer: JS6E, 11-Jul-2025 01:12:41 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

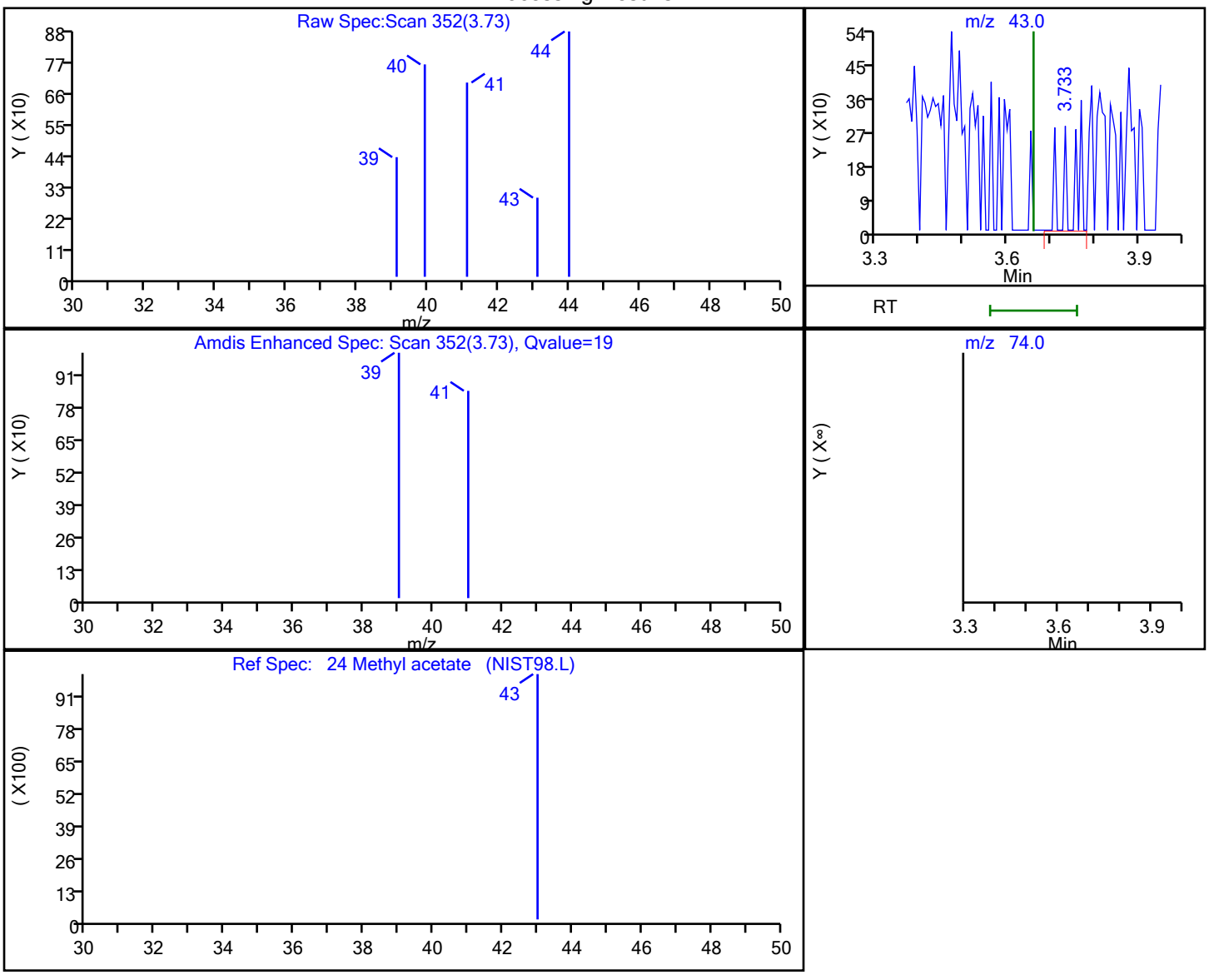
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D				
Injection Date:	09-Jul-2025 04:17:30	Instrument ID:	19094		
Lims ID:	IC std1 0.02				
Client ID:					
Operator ID:	gaw91131	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)	Detector	MS Quad		

24 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.73	43.00	435	0.031330
3.66	74.00	0	

Reviewer: JS6E, 11-Jul-2025 01:11:03 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

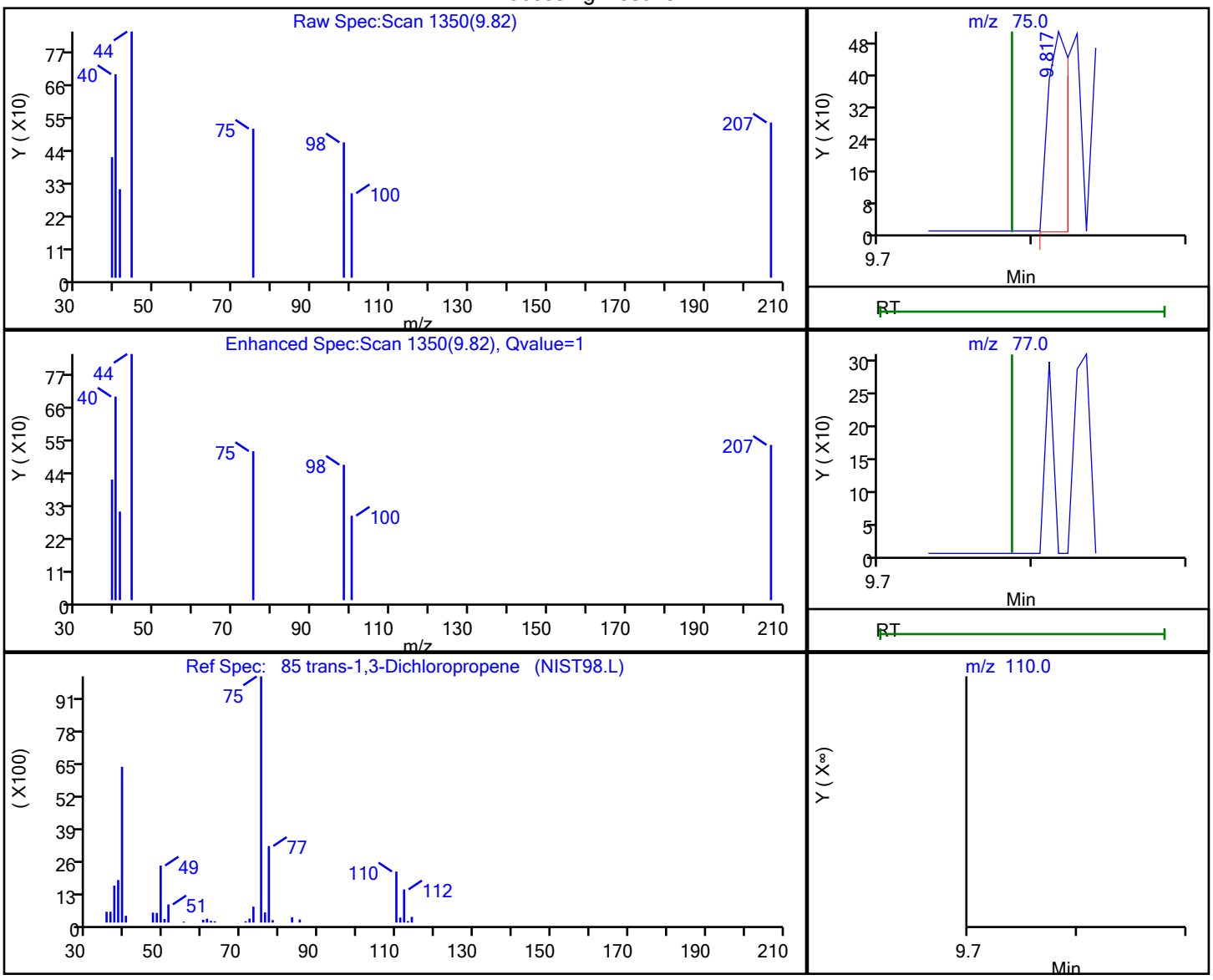
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X12.D				
Injection Date:	09-Jul-2025 04:17:30	Instrument ID:	19094		
Lims ID:	IC std1 0.02				
Client ID:					
Operator ID:	gaw91131	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)	Detector	MS Quad		

85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
9.82	75.00	484	0.009632
9.79	77.00	0	
9.79	110.00	0	
9.79	112.00	0	

Reviewer: JS6E, 11-Jul-2025 01:12:38 -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\20250709-152824.b\HL08X13.D
Lims ID: IC std2 0.06
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 09-Jul-2025 04:37:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152824-014
Misc. Info.: IC STD2 0.06
Operator ID: gaw91131 Instrument ID: 19094
Sublist: chrom-MSV_19094_25mL*sub1

Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 16-Jul-2025 16:04:52 Calib Date: 09-Jul-2025 07:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1623

First Level Reviewer: JS6E Date: 11-Jul-2025 01:17:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.819	1.831	-0.012	30	3816	0.0600	0.0642	
5 Chloromethane	50	2.014	2.013	0.001	95	6154	0.0600	0.0784	
7 Butadiene	39	2.105	2.105	0.000	89	5132	0.0600	0.0680	
6 Vinyl chloride	62	2.123	2.123	0.000	94	4695	0.0600	0.0662	
9 Bromomethane	94	2.385	2.391	-0.006	38	3254	0.0600	0.0646	M
10 Chloroethane	64	2.471	2.477	-0.006	95	2769	0.0600	0.0622	
11 Dichlorofluoromethane	67	2.684	2.690	-0.006	94	7904	0.0600	0.0663	
12 Trichlorofluoromethane	101	2.788	2.788	0.000	66	5683	0.0600	0.0617	
14 Ethyl ether	59	2.983	2.971	0.012	13	1326	0.0600	0.0425	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.050	3.050	0.000	88	4463	0.0600	0.0650	
16 Acrolein	56	3.178	3.117	0.061	91	11100	2.93	2.39	M
17 1,1-Dichloroethene	96	3.251	3.251	0.000	93	2731	0.0600	0.0587	
19 Acetone	43	3.379	3.275	0.104	16	4126	0.6000	0.7239	M
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.288	3.294	-0.006	80	2455	0.0600	0.0538	
21 Iodomethane	142	3.434	3.434	0.000	52	5034	0.0600	0.0565	
22 Ethyl bromide	108	3.465	3.458	0.007	20	2230	0.0599	0.0568	
23 Carbon disulfide	76	3.532	3.531	0.001	99	9291	0.0600	0.0652	M
24 Methyl acetate	43	3.757	3.660	0.097	19	2034	0.0600	0.1493	M
26 3-Chloro-1-propene	41	3.690	3.684	0.006	91	5857	0.0600	0.0638	
27 Methylene Chloride	84	3.849	3.855	-0.006	44	2958	0.0600	0.0607	
* 28 t-Butyl alcohol-d10 (IS)	65	3.861	3.891	-0.030	97	80230	50.0	50.0	
29 2-Methyl-2-propanol	59		3.995				1.20	ND	
31 Acrylonitrile	53		4.184				ND	ND	
32 Methyl tert-butyl ether	73	4.239	4.214	0.025	80	6154	0.0600	0.0576	
33 trans-1,2-Dichloroethene	96	4.251	4.239	0.012	96	2732	0.0600	0.0530	
34 Hexane	57	4.653	4.659	-0.006	90	4700	0.0600	0.0601	
36 1,1-Dichloroethane	63	4.891	4.891	0.000	1	5424	0.0600	0.0545	
37 Isopropyl ether	45	4.958	4.952	0.006	59	9696	0.0600	0.0577	
38 2-Chloro-1,3-butadiene	53	5.025	5.001	0.024	38	4314	0.0600	0.0501	
40 Tert-butyl ethyl ether	59	5.489	5.495	-0.005	95	8255	0.0600	0.0567	

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				0.6000	ND	
42 cis-1,2-Dichloroethene	96	5.751	5.732	0.019	80	2800	0.0600	0.0500	
43 2,2-Dichloropropane	77	5.751	5.744	0.007	72	5069	0.0600	0.0582	
44 Propionitrile	54		5.775				ND	ND	
47 Methacrylonitrile	67	6.086	5.988	0.098	84	4500	0.6000	0.4582	M
48 Chlorobromomethane	128	6.098	6.068	0.030	1	515	0.0600	0.0243	
49 Tetrahydrofuran	71		6.080				ND	ND	
S 46 1,2-Dichloroethene, Total	100				0			0.1030	
50 Chloroform	83	6.232	6.226	0.006	90	5205	0.0600	0.0563	
$ 52 Dibromofluoromethane (Surr)	113	6.440	6.446	-0.006	94	424242	10.0	9.98	
53 1,1,1-Trichloroethane	97	6.452	6.458	-0.006	35	5321	0.0600	0.0615	
54 Cyclohexane	56	6.549	6.561	-0.012	63	6456	0.0600	0.0608	
56 Carbon tetrachloride	117	6.671	6.677	-0.006	88	4041	0.0600	0.0553	
55 1,1-Dichloropropene	75	6.677	6.677	0.000	88	4580	0.0600	0.0574	
57 Isobutyl alcohol	41	6.897	6.824	0.073	30	3100	3.00	4.55	M
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.897	0.006	77	77896	10.0	10.1	
59 Benzene	78	6.939	6.939	0.000	93	14047	0.0600	0.0619	
60 1,2-Dichloroethane	62	7.025	7.006	0.019	11	3493	0.0600	0.0685	
63 Tert-amyl methyl ether	73	7.141	7.141	0.000	95	6658	0.0600	0.0528	
* 64 Fluorobenzene (IS)	96	7.348	7.354	-0.006	98	1831280	10.0	10.0	
65 n-Heptane	43	7.372	7.372	0.000	36	6489	0.0600	0.0785	
67 n-Butanol	56		7.732				ND	ND	
68 Trichloroethene	95	7.848	7.842	0.006	93	3623	0.0600	0.0610	M
69 Methylcyclohexane	83	8.159	8.159	0.000	85	6213	0.0600	0.0601	
70 1,2-Dichloropropane	63	8.183	8.177	0.006	83	2896	0.0600	0.0531	
71 2-ethoxy-2-methyl butane	87	8.195	8.195	0.000	90	4715	0.0600	0.0571	
72 Methyl methacrylate	69		8.268				ND	ND	
73 1,4-Dioxane	88		8.287				ND	ND	
74 Dibromomethane	93	8.305	8.287	0.018	8	745	0.0600	0.0369	M
76 Dichlorobromomethane	83	8.531	8.531	0.001	93	3436	0.0600	0.0565	
77 2-Nitropropane	41	8.805	8.793	0.012	55	3259	0.3000	0.5252	M
79 1-Bromo-2-chloroethane	63	8.945	8.927	0.018	1	3153	0.0600	0.0648	M
80 cis-1,3-Dichloropropene	75	9.116	9.097	0.019	36	3925	0.0600	0.0527	M
82 4-Methyl-2-pentanone (MIBK)	43	9.299	9.280	0.019	96	14864	0.6000	0.5345	M
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1836061	10.0	9.92	
84 Toluene	92	9.512	9.506	0.006	96	8467	0.0600	0.0590	
85 trans-1,3-Dichloropropene	75	9.823	9.786	0.037	1	2833	0.0600	0.0499	M
104 Ethyl methacrylate	69	9.896	9.860	0.036	1	1672	0.0600	0.0416	M
106 1,1,2-Trichloroethane	97	10.012	10.000	0.012	84	1778	0.0600	0.0558	
S 105 1,3-Dichloropropene, Total	100				0			0.1026	
107 Tetrachloroethene	166	10.097	10.091	0.006	92	3909	0.0600	0.0577	
108 1,3-Dichloropropane	76	10.177	10.164	0.013	90	2789	0.0600	0.0503	
109 2-Hexanone	43	10.262	10.219	0.043	92	11341	0.6000	0.6382	M
111 Chlorodibromomethane	129	10.402	10.390	0.012	84	1759	0.0600	0.0447	
112 Ethylene Dibromide	107	10.524	10.500	0.024	95	1467	0.0600	0.0531	
* 113 Chlorobenzene-d5 (IS)	117	10.945	10.951	-0.006	87	1330860	10.0	10.0	
114 1-Chlorohexane	91	10.963	10.963	0.000	35	7873	0.0600	0.0872	
115 Chlorobenzene	112	10.981	10.975	0.006	83	8606	0.0600	0.0567	
116 1,1,1,2-Tetrachloroethane	131	11.067	11.060	0.007	37	2740	0.0600	0.0548	
117 Ethylbenzene	91	11.073	11.067	0.006	98	15708	0.0600	0.0555	
119 m-Xylene & p-Xylene	106	11.195	11.189	0.006	98	11594	0.1200	0.1077	
S 118 Xylenes, Total	106				0			0.1628	

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	11.530	11.518	0.012	96	5625	0.0600	0.0551	
121 Styrene	104	11.554	11.536	0.018	89	8731	0.0600	0.0533	M
122 Bromoform	173	11.695	11.695	0.000	85	833	0.0600	0.0410	
123 Isopropylbenzene	105	11.829	11.829	0.000	95	13925	0.0600	0.0558	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	90	665620	10.0	9.96	
127 1,1,2,2-Tetrachloroethane	83	12.079	12.079	0.000	1	2155	0.0600	0.0592	M
128 Bromobenzene	156	12.097	12.091	0.006	91	3378	0.0600	0.0571	
129 trans-1,4-Dichloro-2-butene	53	12.115	12.103	0.012	87	4801	0.6000	0.4672	
130 1,2,3-Trichloropropane	110	12.121	12.121	0.000	75	428	0.0600	0.0469	
131 N-Propylbenzene	91	12.170	12.164	0.006	98	19070	0.0600	0.0580	
132 2-Chlorotoluene	126	12.243	12.237	0.006	96	3366	0.0600	0.0536	
133 1,3,5-Trimethylbenzene	105	12.304	12.304	0.000	94	12613	0.0600	0.0548	M
134 4-Chlorotoluene	126	12.341	12.329	0.012	97	3285	0.0600	0.0519	
135 tert-Butylbenzene	134	12.542	12.542	0.000	93	2638	0.0600	0.0519	
136 Pentachloroethane	167	12.573	12.572	0.001	69	1558	0.0600	0.0465	
137 1,2,4-Trimethylbenzene	105	12.591	12.585	0.006	96	12726	0.0600	0.0545	
138 sec-Butylbenzene	105	12.713	12.707	0.006	94	17095	0.0600	0.0576	
139 1,3-Dichlorobenzene	146	12.816	12.804	0.012	93	6242	0.0600	0.0528	
140 4-Isopropyltoluene	119	12.822	12.822	0.000	98	14094	0.0600	0.0554	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	739240	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.883	12.883	0.000	85	7182	0.0600	0.0589	
143 1,2,3-Trimethylbenzene	120	12.896	12.889	0.007	93	5345	0.0600	0.0543	
144 Benzyl chloride	126	12.963	12.956	0.007	94	652	0.0600	0.0454	M
145 p-Diethylbenzene	119	13.097	13.097	0.000	92	7907	0.0600	0.0531	
146 n-Butylbenzene	92	13.121	13.115	0.006	97	6337	0.0600	0.0529	
147 1,2-Dichlorobenzene	146	13.146	13.139	0.007	92	5469	0.0600	0.0530	
149 1,2-Dibromo-3-Chloropropane	155		13.688				ND	ND	
150 1,3,5-Trichlorobenzene	180	13.816	13.816	0.000	93	4562	0.0600	0.0525	
151 1,2,4-Trichlorobenzene	180	14.249	14.237	0.012	89	3824	0.0600	0.0550	
152 Hexachlorobutadiene	225	14.322	14.322	0.000	89	2028	0.0600	0.0590	
153 Naphthalene	128	14.432	14.414	0.018	95	6369	0.0600	0.0560	
154 1,2,3-Trichlorobenzene	180	14.560	14.560	0.000	94	3096	0.0600	0.0542	
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_GAS826_00279	Amount Added:	1.20	Units: uL	
MSV_LL_#1_826_00171	Amount Added:	1.20	Units: uL	
MSV_LL_#2_826_00185	Amount Added:	1.20	Units: uL	
MSV_LLcentISS_00016	Amount Added:	5.00	Units: uL	Run Reagent

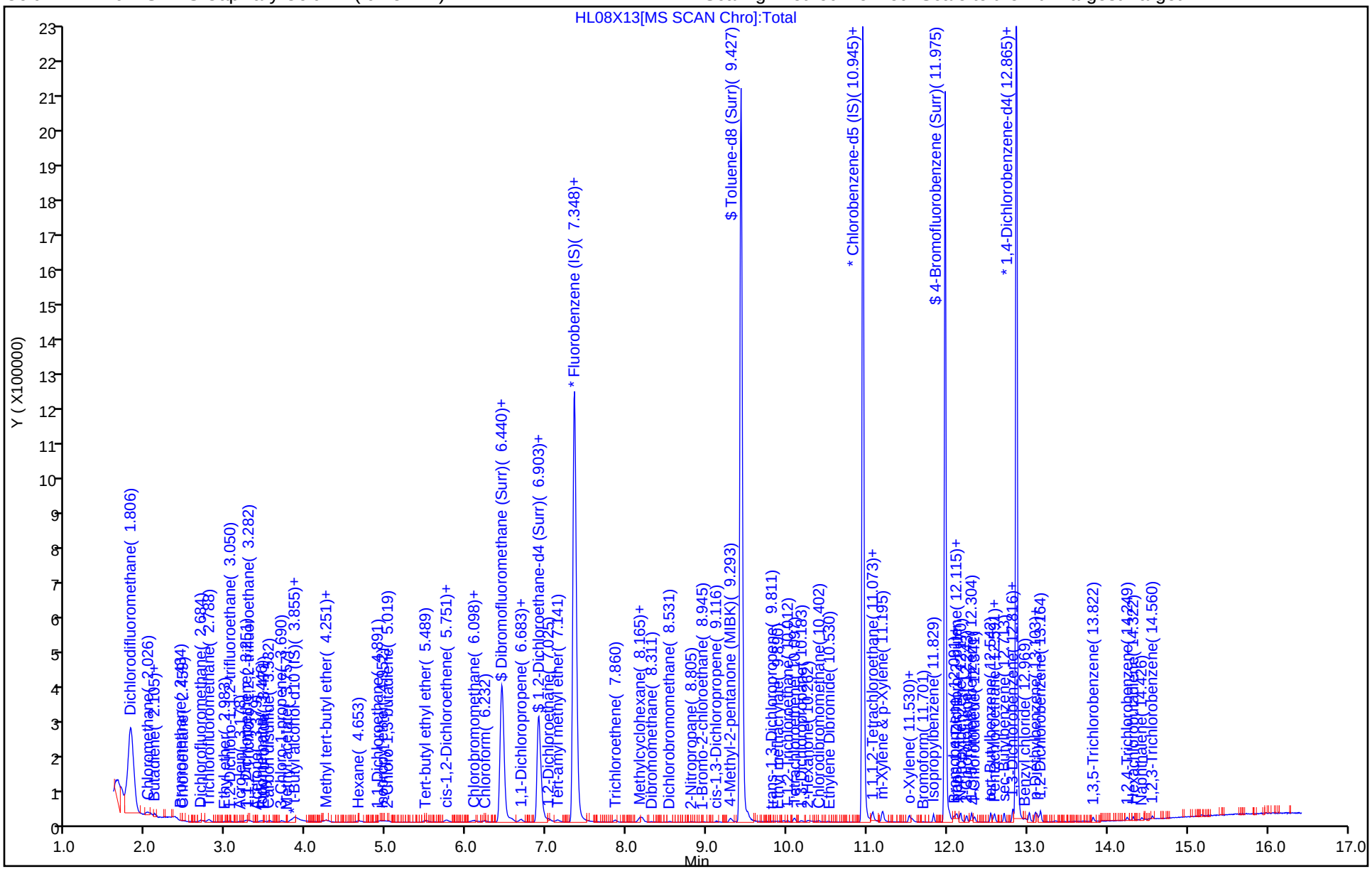
Report Date: 16-Jul-2025 16:04:54 Chrom Revision: 2.3 14-Jul-2025 13:55:14

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D

Injection Date:	09-Jul-2025 04:37:30	Instrument ID:	19094	Operator ID:	gaw91131
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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

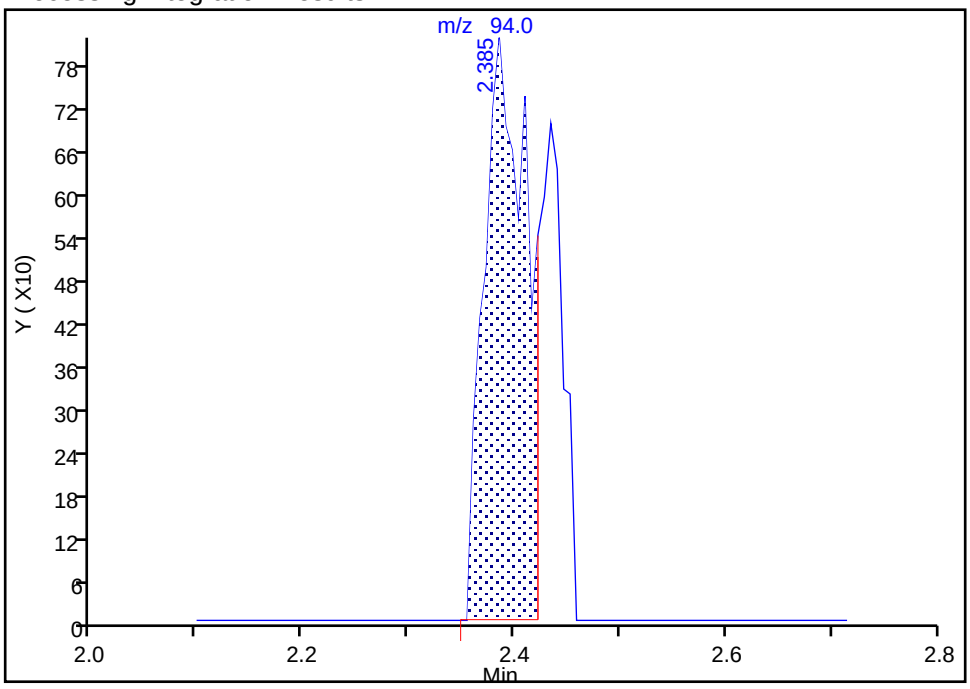
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

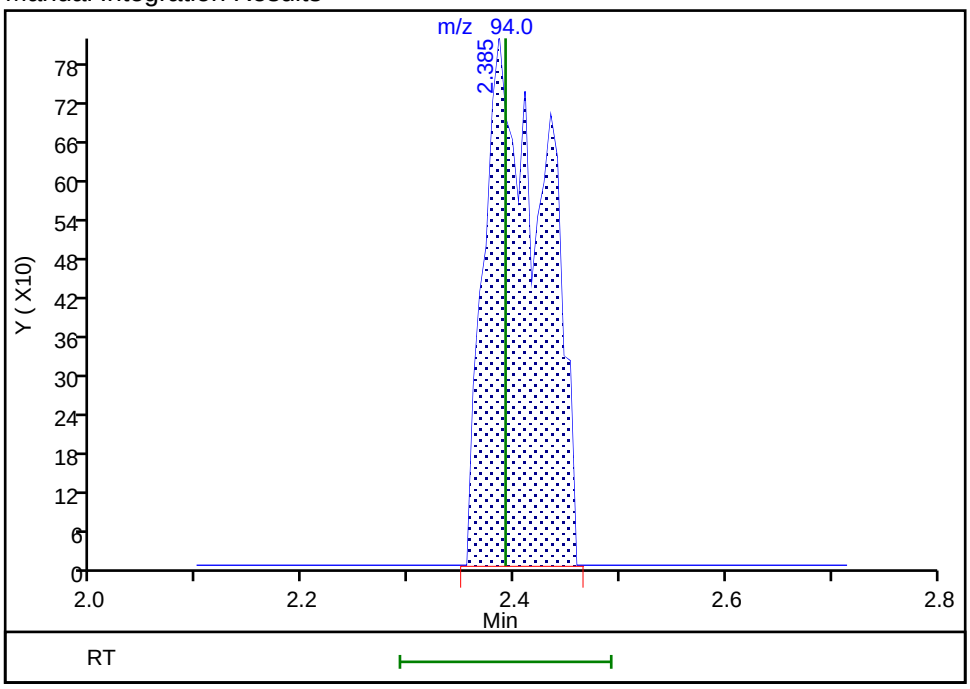
Processing Integration Results

RT: 2.39
Area: 2318
Amount: 0.044989
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 3254
Amount: 0.064569
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:14:15 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

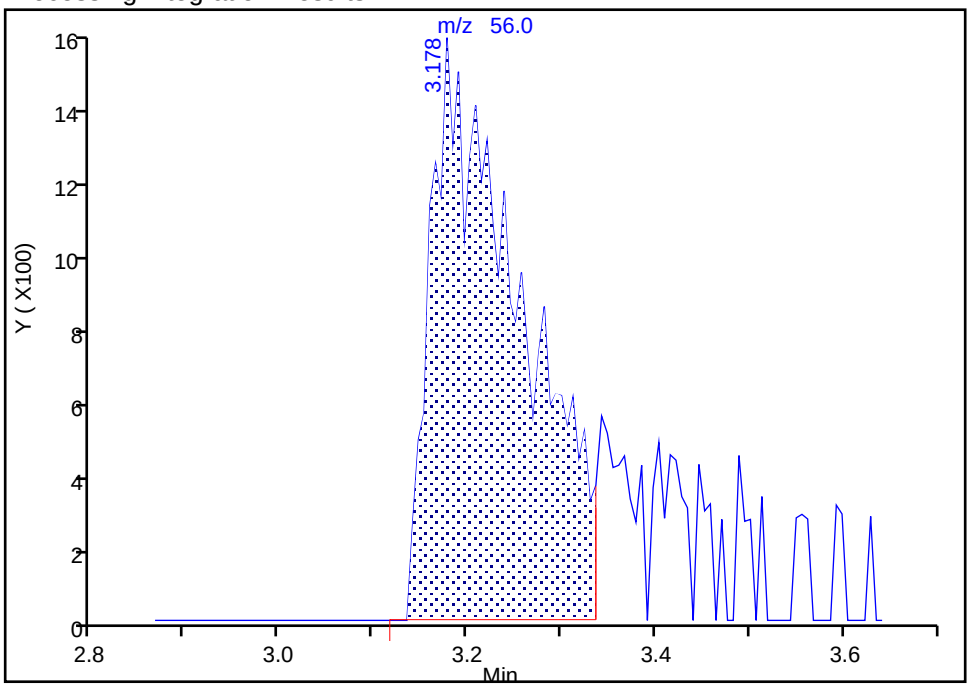
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D				
Injection Date:	09-Jul-2025 04:37:30	Instrument ID:	19094		
Lims ID:	IC std2 0.06				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

16 Acrolein, CAS: 107-02-8

Signal: 1

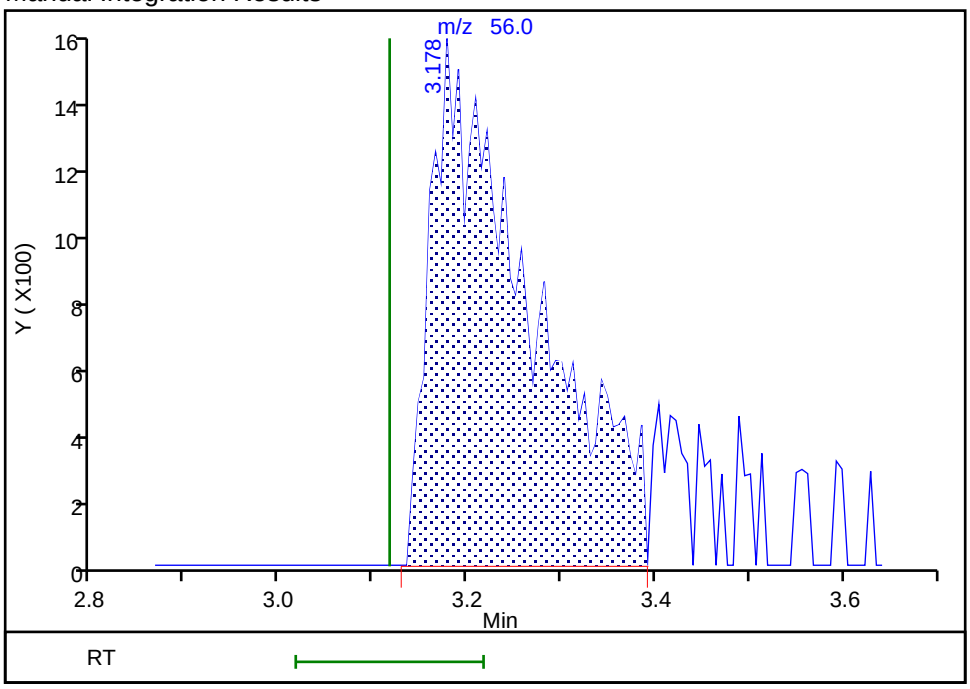
Processing Integration Results

RT: 3.18
Area: 9928
Amount: 2.166420
Amount Units: ug/l



Manual Integration Results

RT: 3.18
Area: 11100
Amount: 2.389544
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:14:21 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

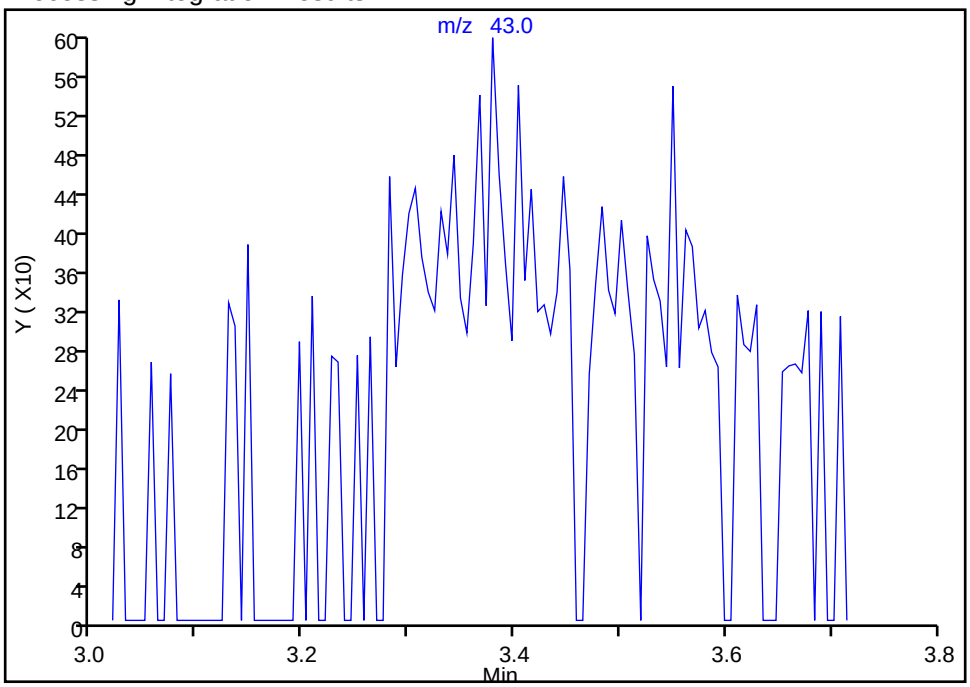
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

19 Acetone, CAS: 67-64-1

Signal: 1

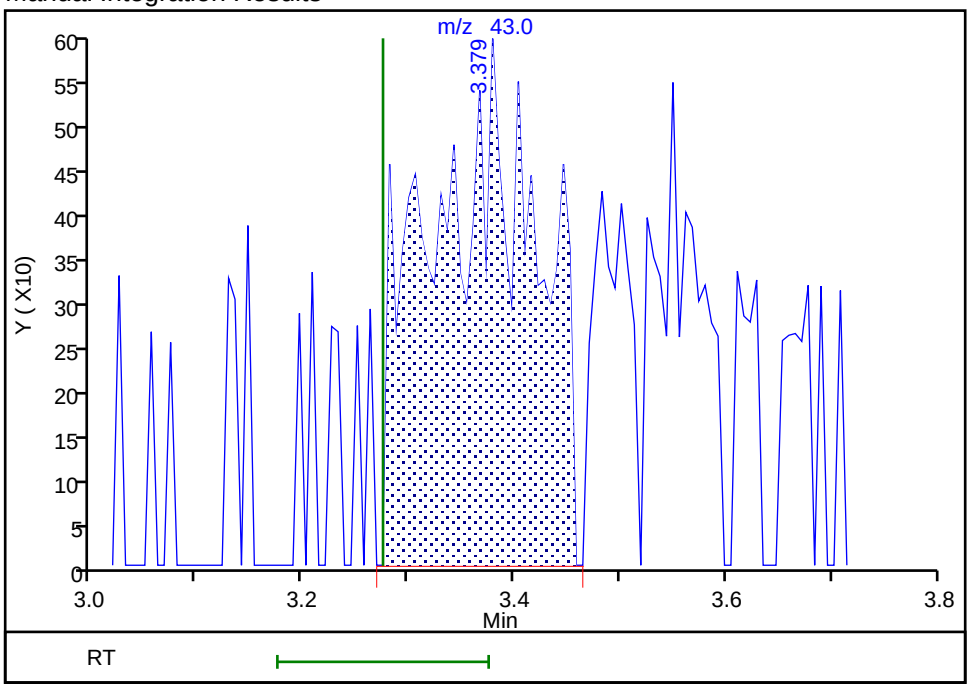
Not Detected
Expected RT: 3.28

Processing Integration Results



Manual Integration Results

RT: 3.38
Area: 4126
Amount: 0.723903
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:14:27 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

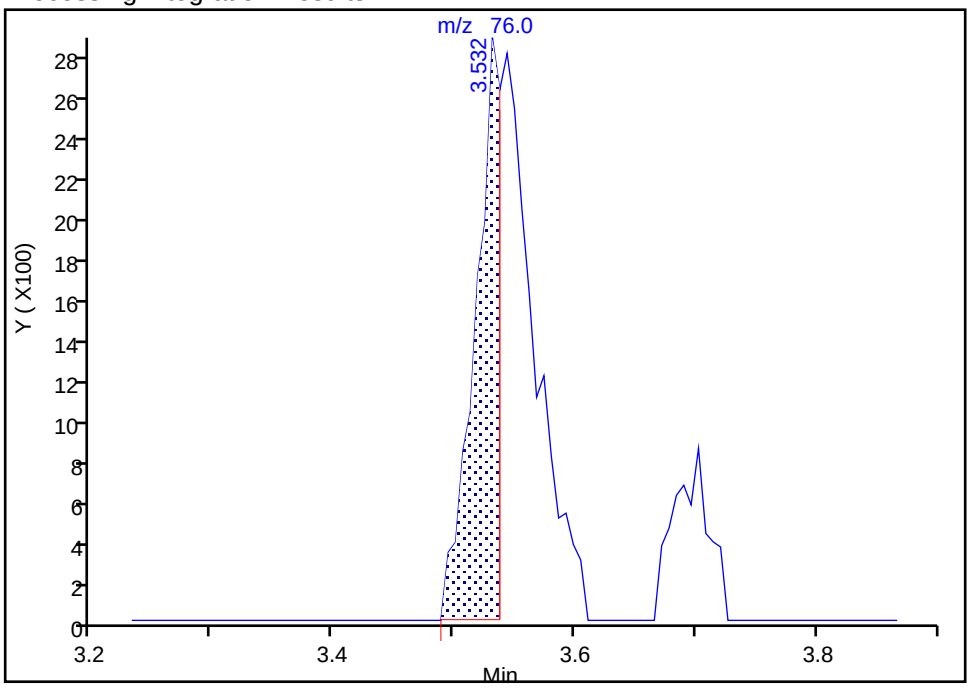
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D				
Injection Date:	09-Jul-2025 04:37:30	Instrument ID:	19094		
Lims ID:	IC std2 0.06				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

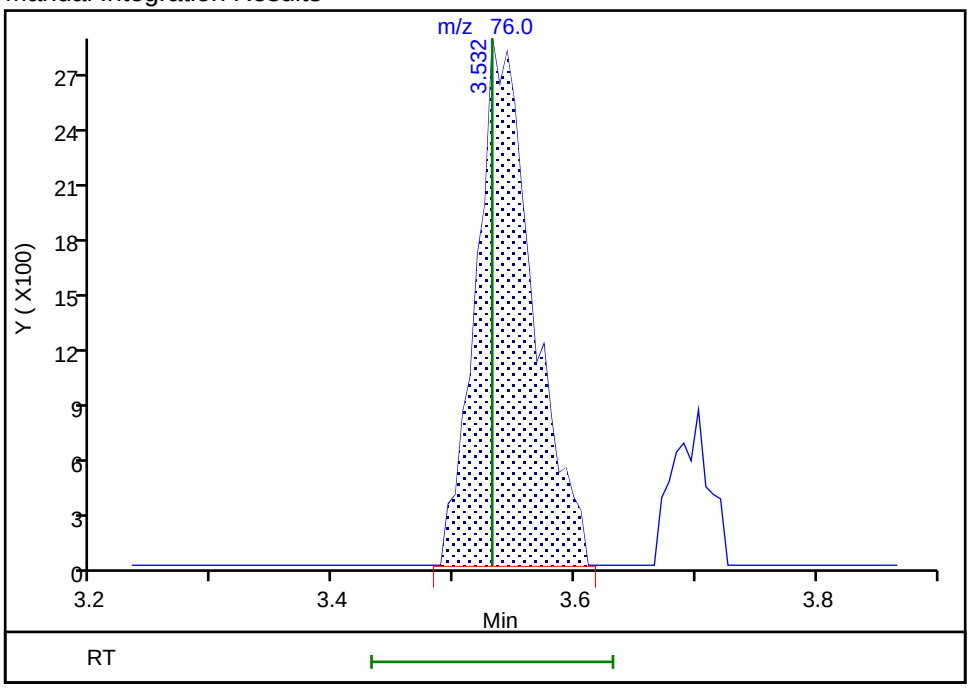
Processing Integration Results

RT: 3.53
Area: 4275
Amount: 0.024637
Amount Units: ug/l



Manual Integration Results

RT: 3.53
Area: 9291
Amount: 0.065168
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:14:33 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

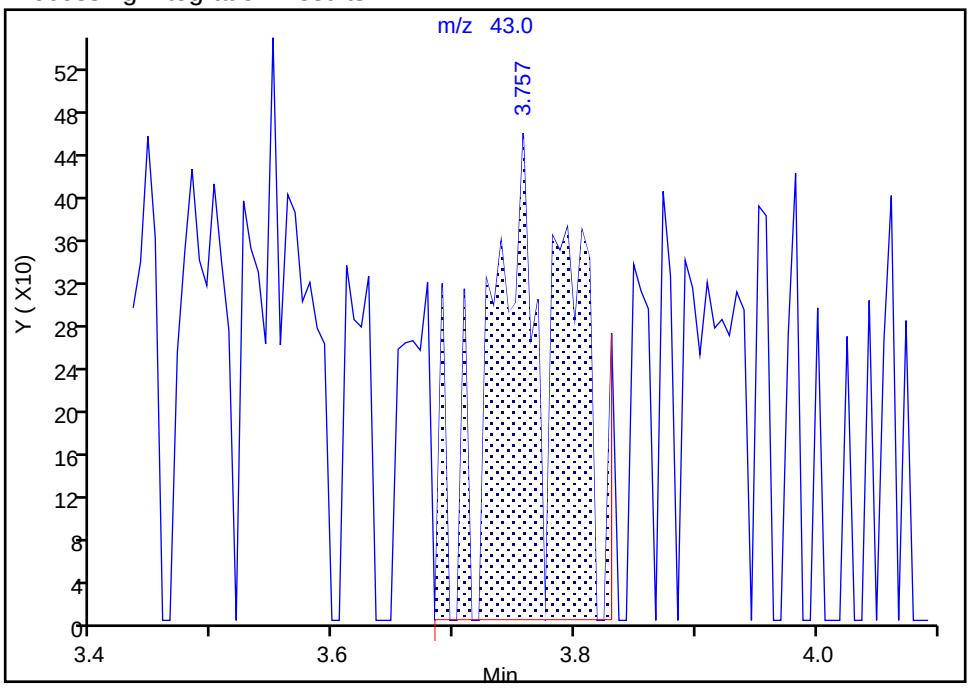
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D				
Injection Date:	09-Jul-2025 04:37:30	Instrument ID:	19094		
Lims ID:	IC std2 0.06				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

24 Methyl acetate, CAS: 79-20-9

Signal: 1

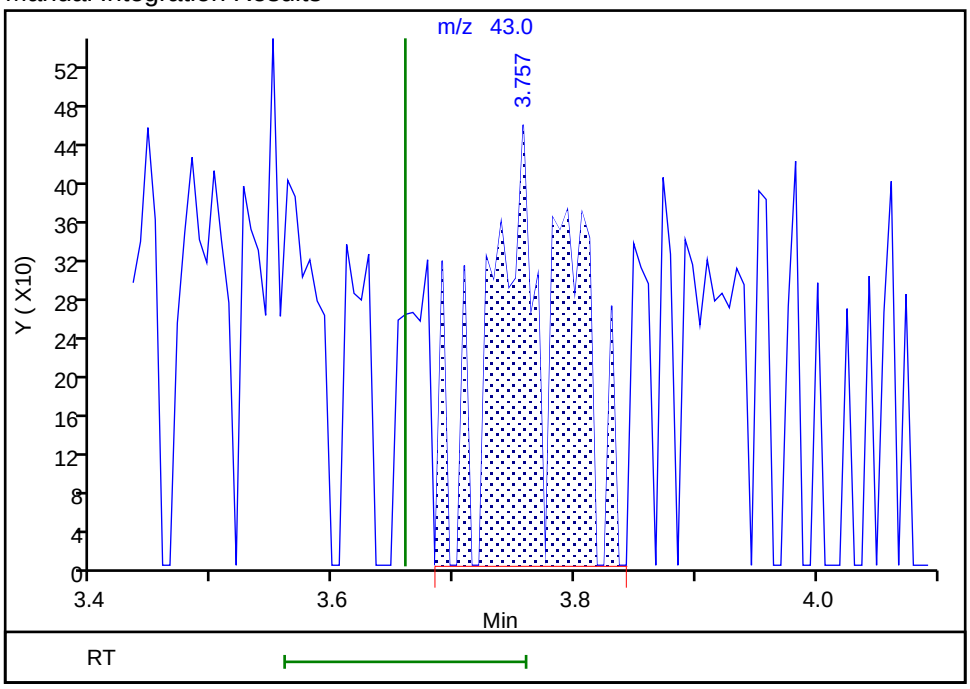
Processing Integration Results

RT: 3.76
Area: 2034
Amount: 0.144681
Amount Units: ug/l



Manual Integration Results

RT: 3.76
Area: 2034
Amount: 0.149302
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:15:07 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

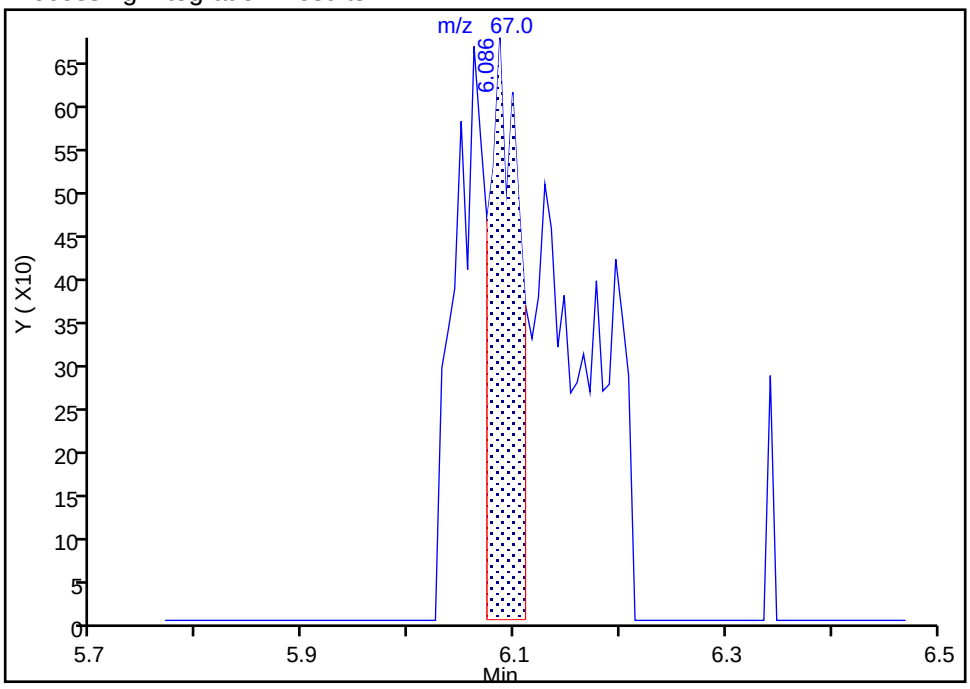
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D				
Injection Date:	09-Jul-2025 04:37:30	Instrument ID:	19094		
Lims ID:	IC std2 0.06				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

47 Methacrylonitrile, CAS: 126-98-7

Signal: 1

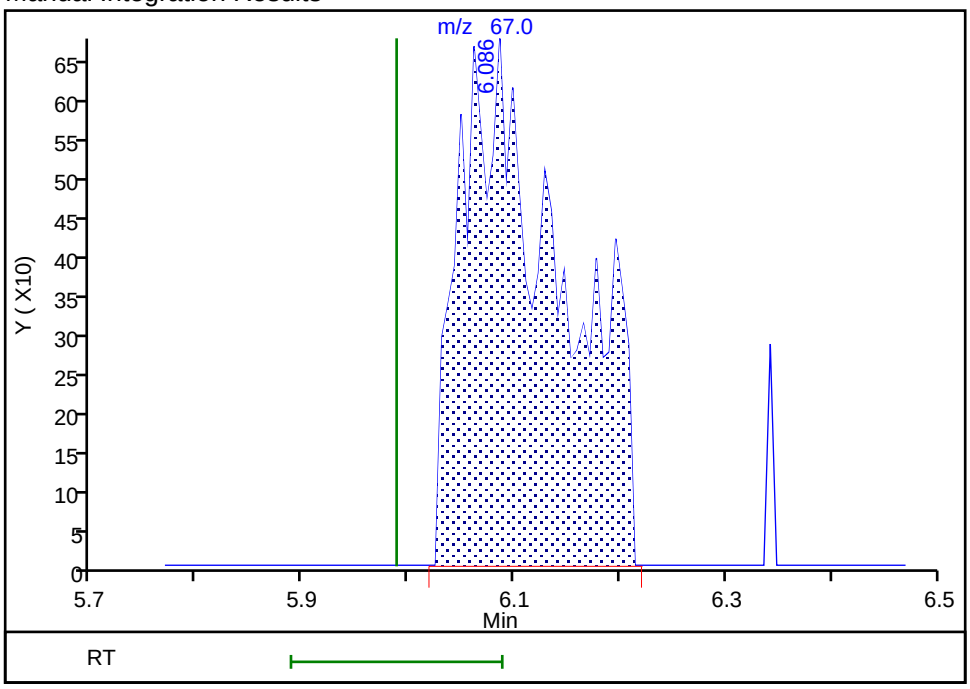
Processing Integration Results

RT: 6.09
Area: 1321
Amount: 0.637383
Amount Units: ug/l



Manual Integration Results

RT: 6.09
Area: 4500
Amount: 0.458211
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:15:19 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

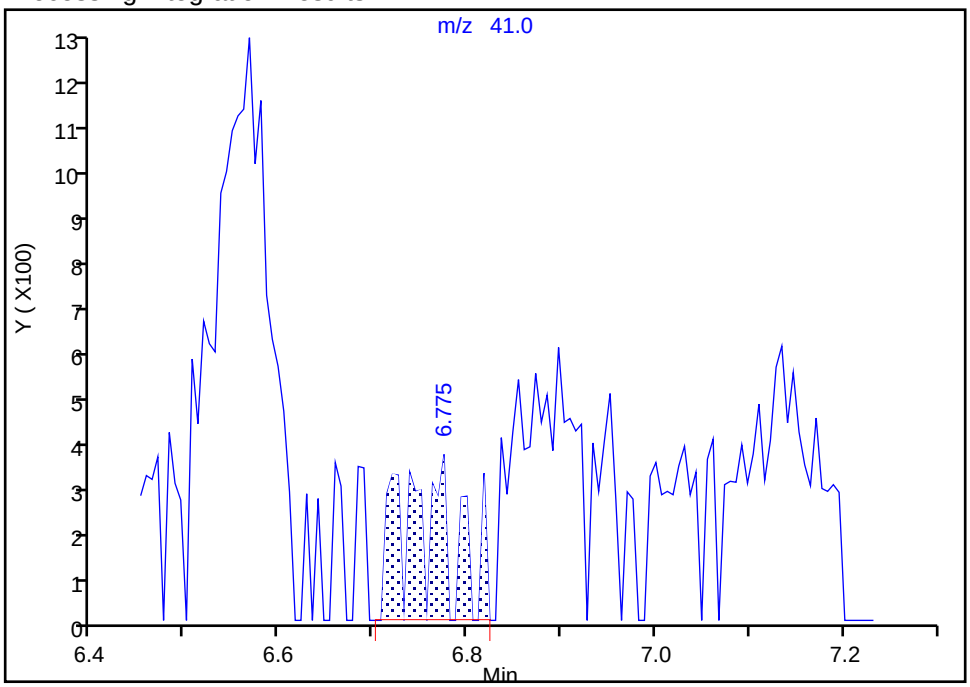
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

57 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

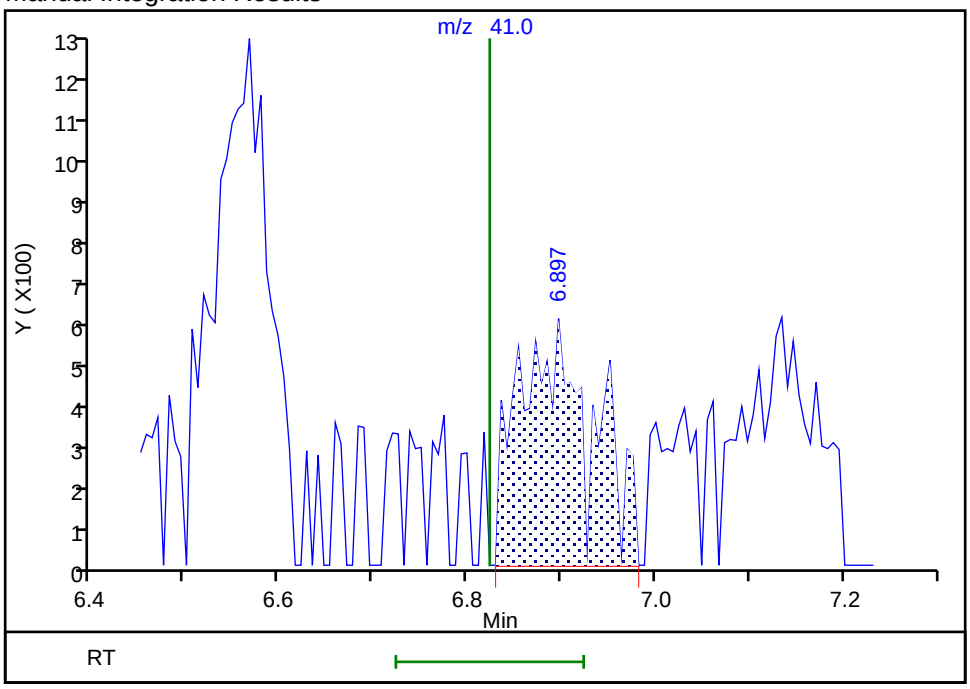
Processing Integration Results

RT: 6.77
Area: 1255
Amount: 2.013227
Amount Units: ug/l



Manual Integration Results

RT: 6.90
Area: 3100
Amount: 4.547241
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:15:35 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

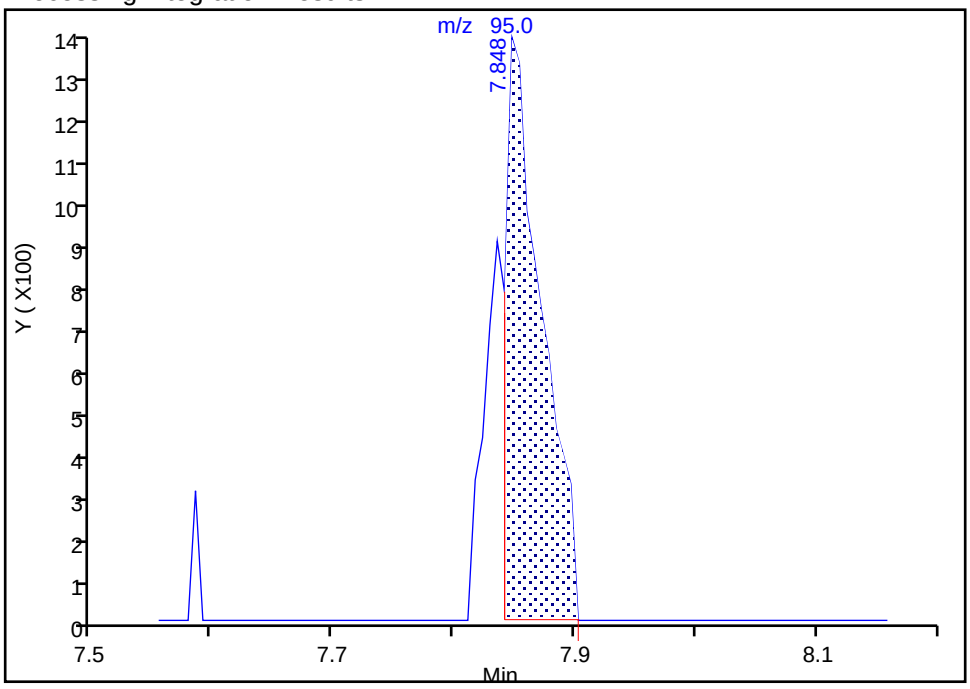
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D				
Injection Date:	09-Jul-2025 04:37:30	Instrument ID:	19094		
Lims ID:	IC std2 0.06				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

68 Trichloroethene, CAS: 79-01-6

Signal: 1

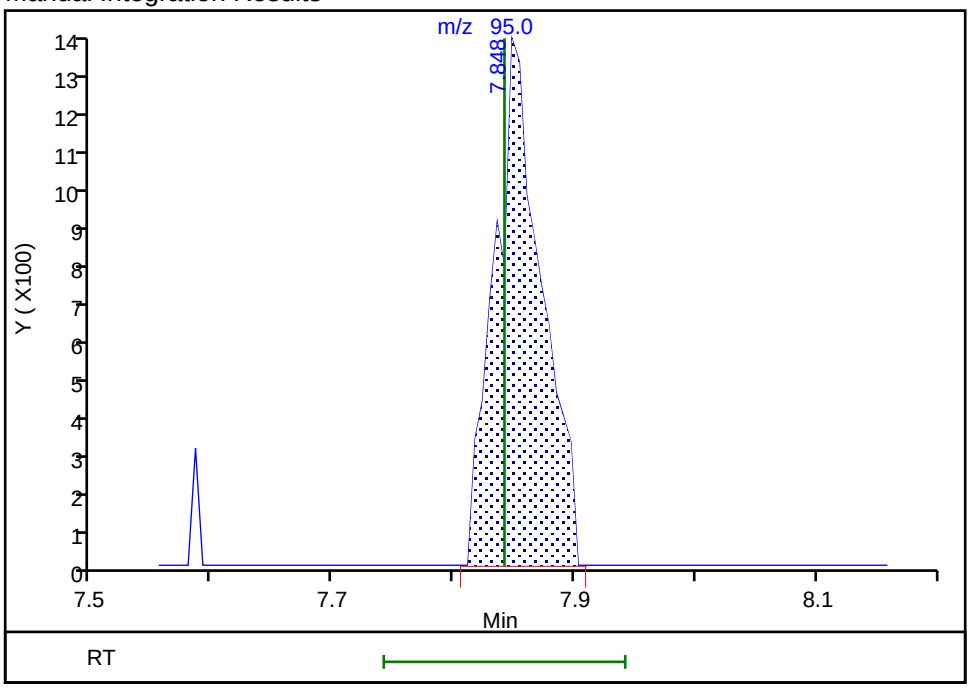
Processing Integration Results

RT: 7.85
Area: 2784
Amount: 0.038705
Amount Units: ug/l



Manual Integration Results

RT: 7.85
Area: 3623
Amount: 0.060976
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:15:42 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

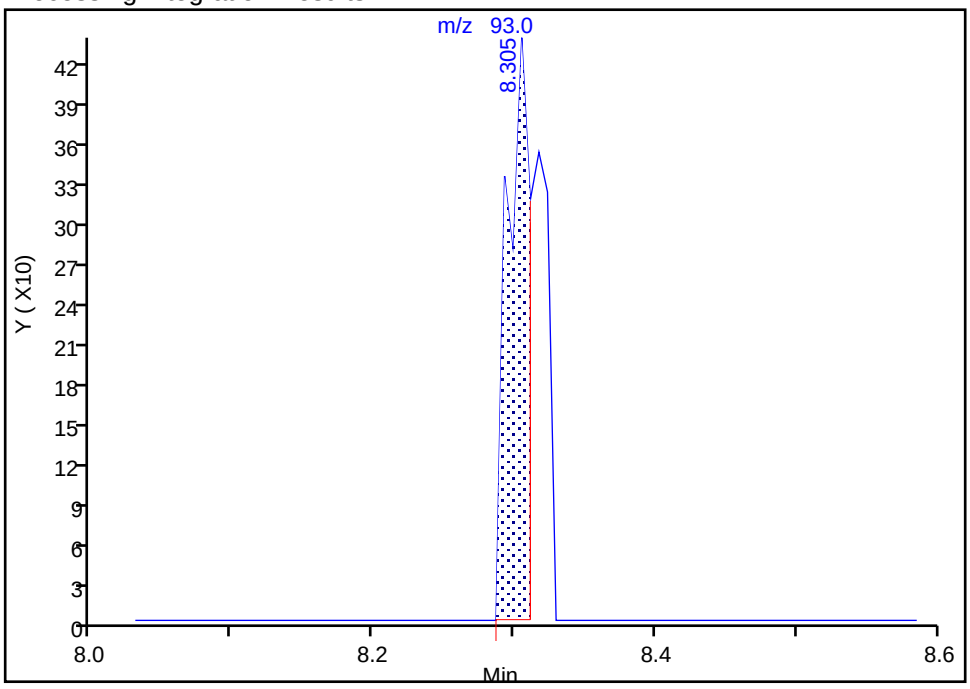
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D				
Injection Date:	09-Jul-2025 04:37:30	Instrument ID:	19094		
Lims ID:	IC std2 0.06				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

74 Dibromomethane, CAS: 74-95-3

Signal: 1

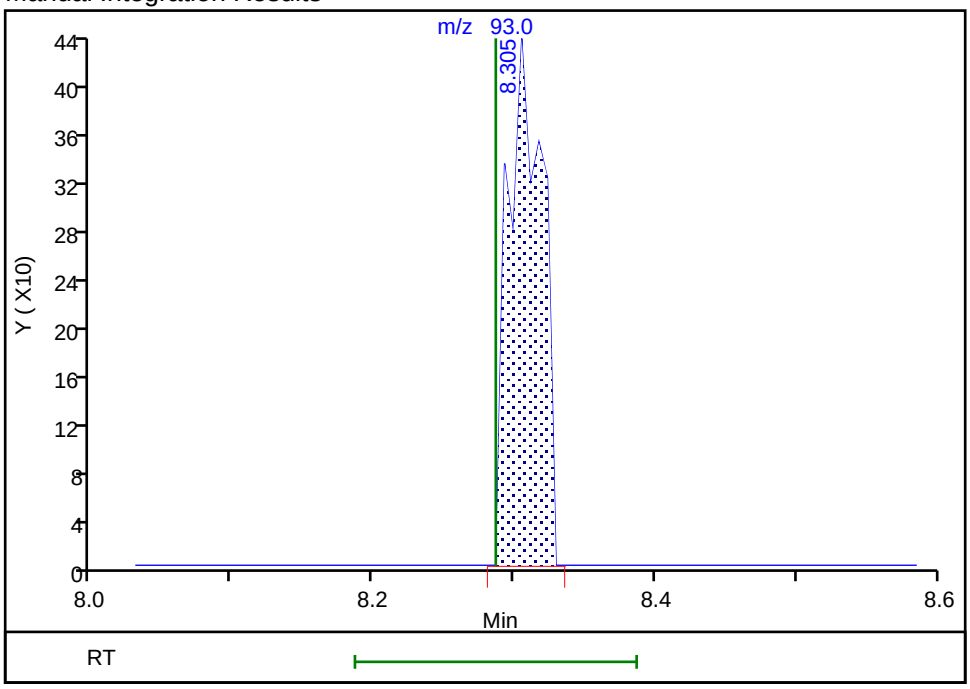
Processing Integration Results

RT: 8.31
Area: 499
Amount: 0.026764
Amount Units: ug/l



Manual Integration Results

RT: 8.31
Area: 745
Amount: 0.036874
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:15:48 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

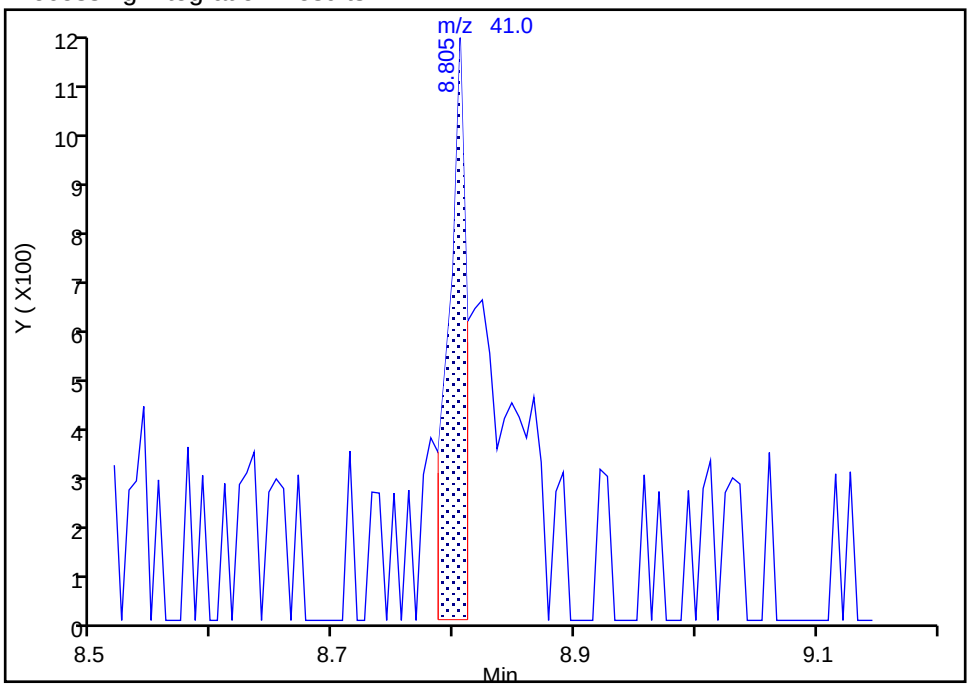
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

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

Signal: 1

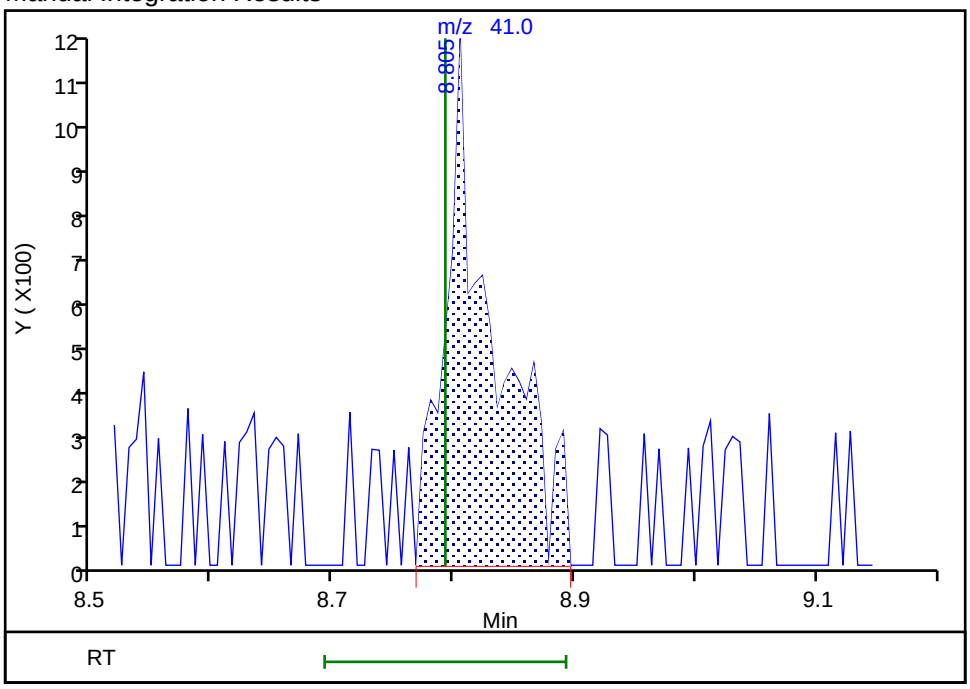
Processing Integration Results

RT: 8.80
Area: 1194
Amount: 0.172197
Amount Units: ug/l



Manual Integration Results

RT: 8.80
Area: 3259
Amount: 0.525214
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:15:55 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

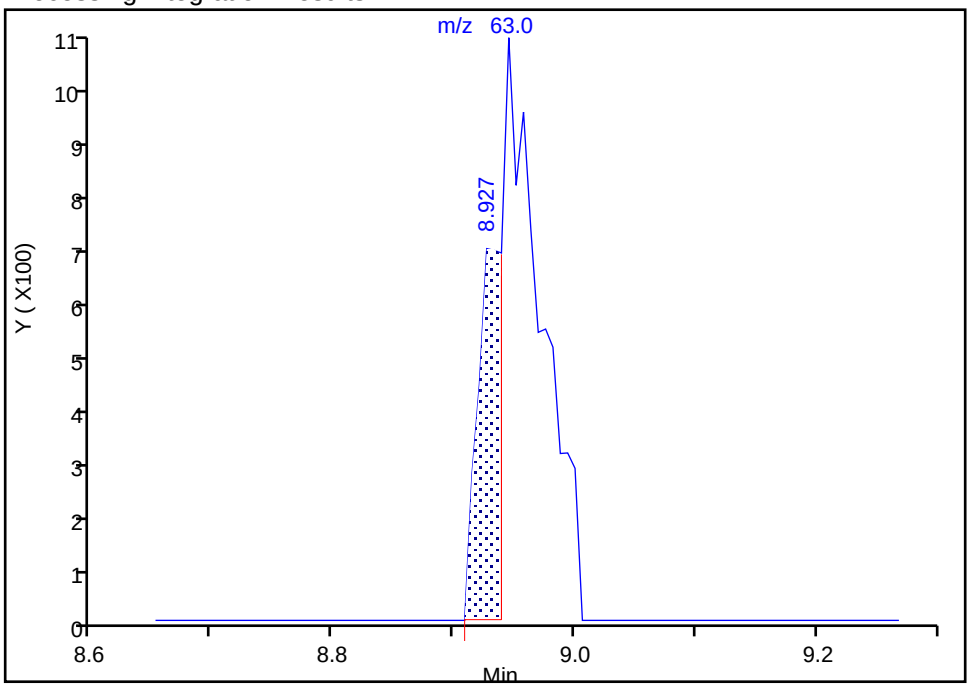
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D				
Injection Date:	09-Jul-2025 04:37:30	Instrument ID:	19094		
Lims ID:	IC std2 0.06				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

79 1-Bromo-2-chloroethane, CAS: 107-04-0

Signal: 1

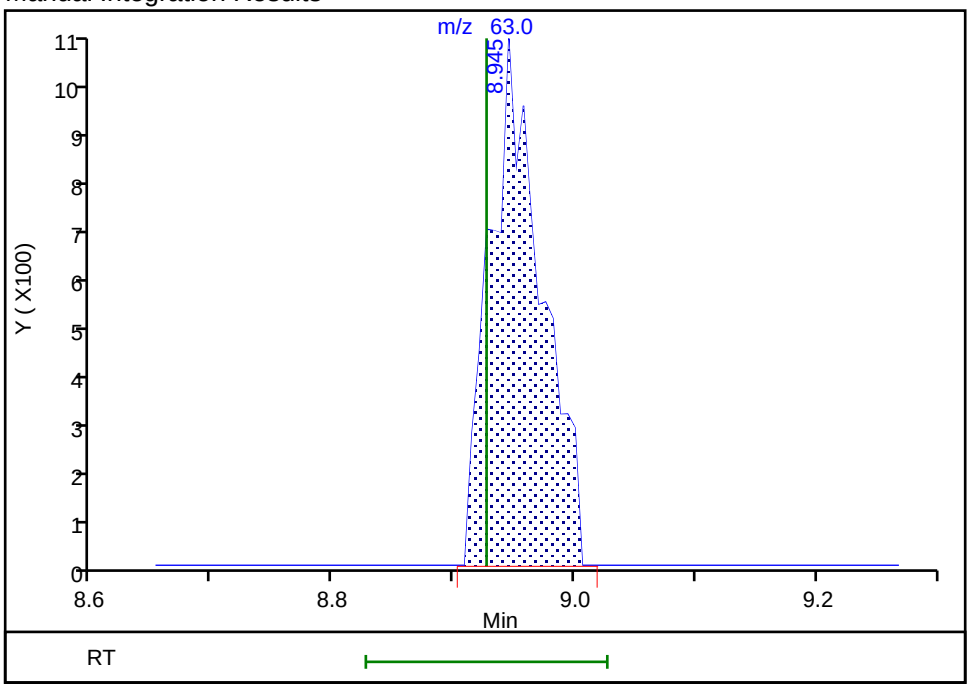
Processing Integration Results

RT: 8.93
Area: 991
Amount: 0.022394
Amount Units: ug/l



Manual Integration Results

RT: 8.95
Area: 3153
Amount: 0.064788
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:16:01 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

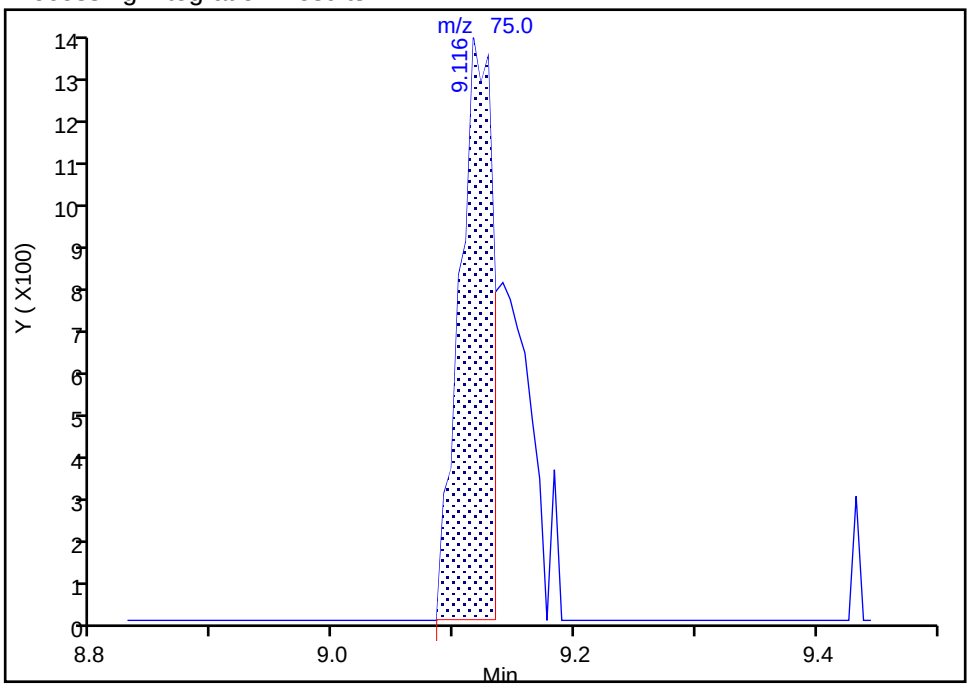
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25 mm) Detector MS Quad

80 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

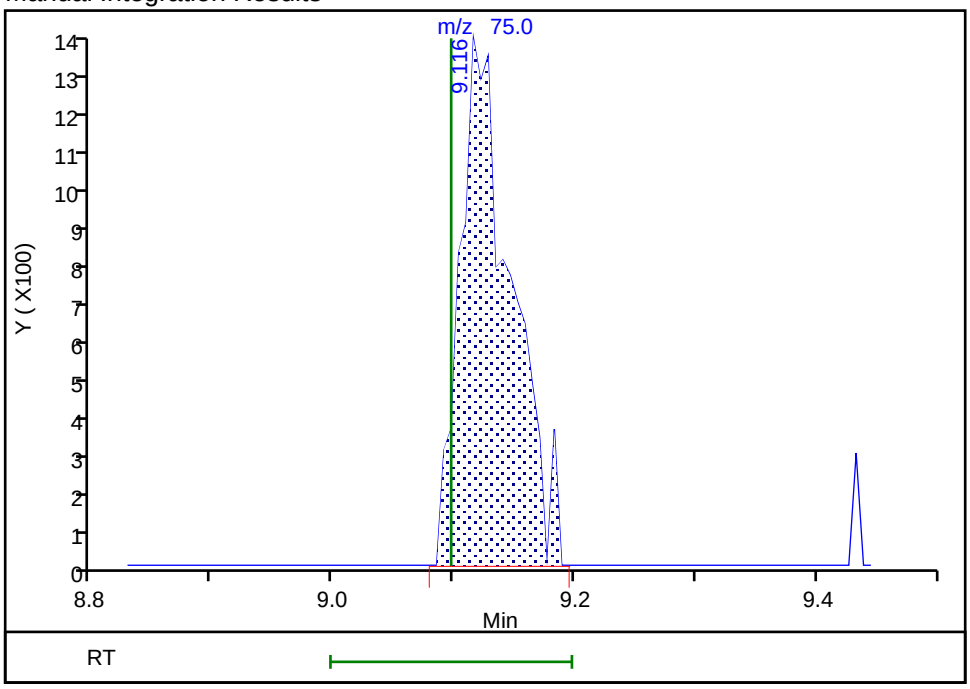
Processing Integration Results

RT: 9.12
Area: 2503
Amount: 0.031393
Amount Units: ug/l



Manual Integration Results

RT: 9.12
Area: 3925
Amount: 0.052717
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:16:04 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

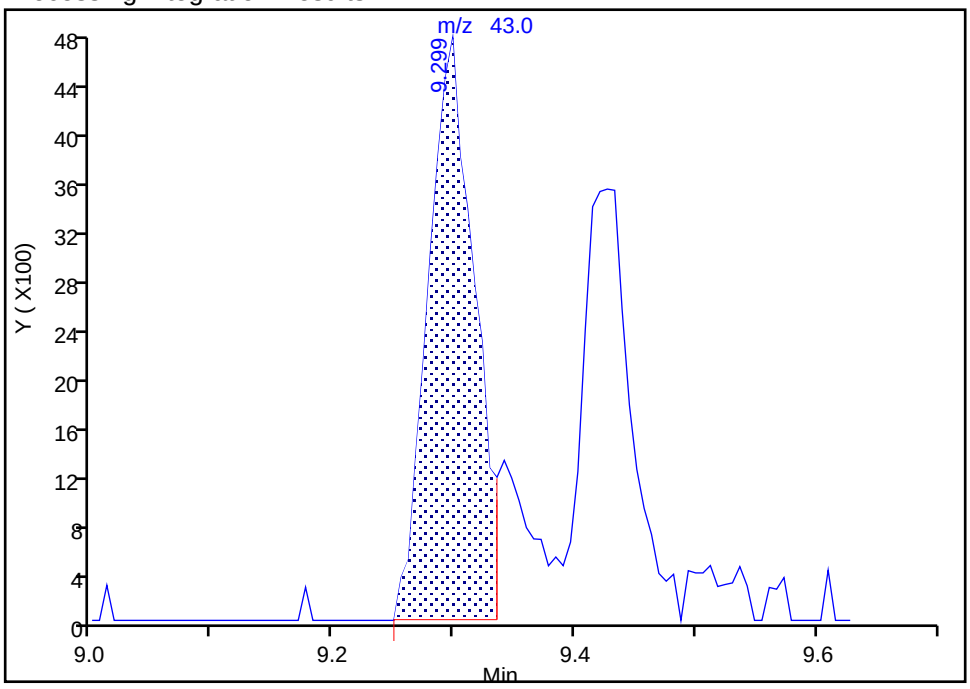
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D				
Injection Date:	09-Jul-2025 04:37:30	Instrument ID:	19094		
Lims ID:	IC std2 0.06				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

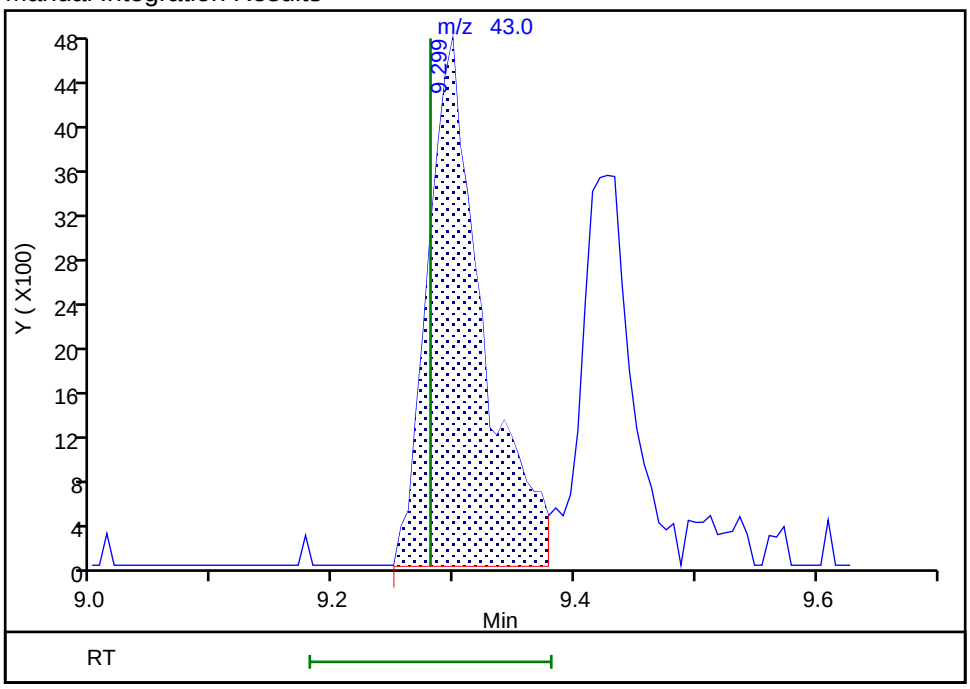
Processing Integration Results

RT: 9.30
Area: 12692
Amount: 0.463099
Amount Units: ug/l



Manual Integration Results

RT: 9.30
Area: 14864
Amount: 0.534505
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:16:14 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

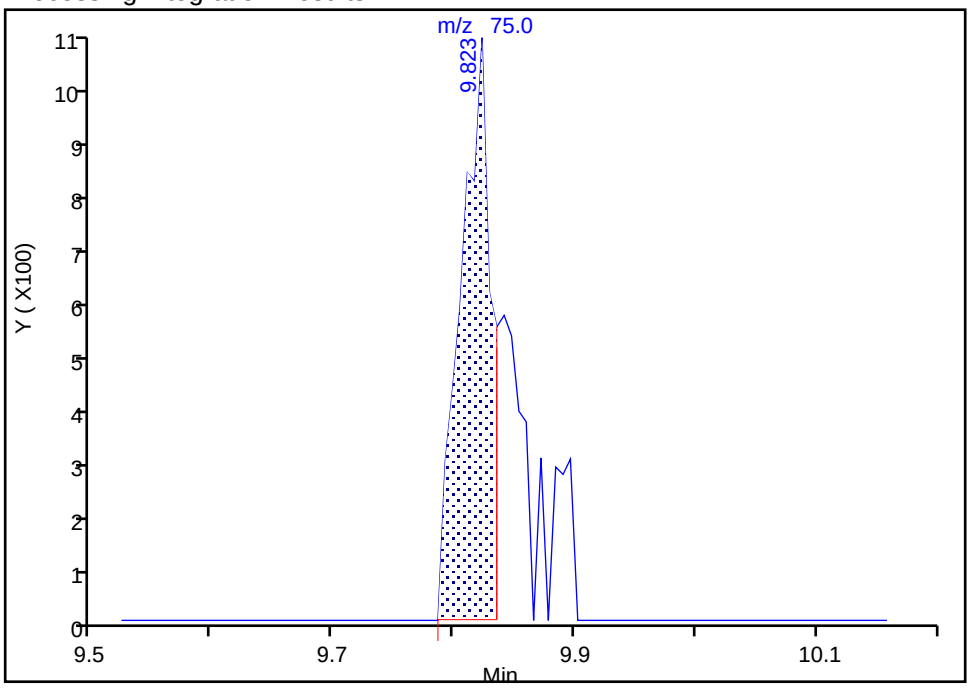
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D
Injection Date: 09-Jul-2025 04:37:30 Instrument ID: 19094
Lims ID: IC std2 0.06
Client ID:
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

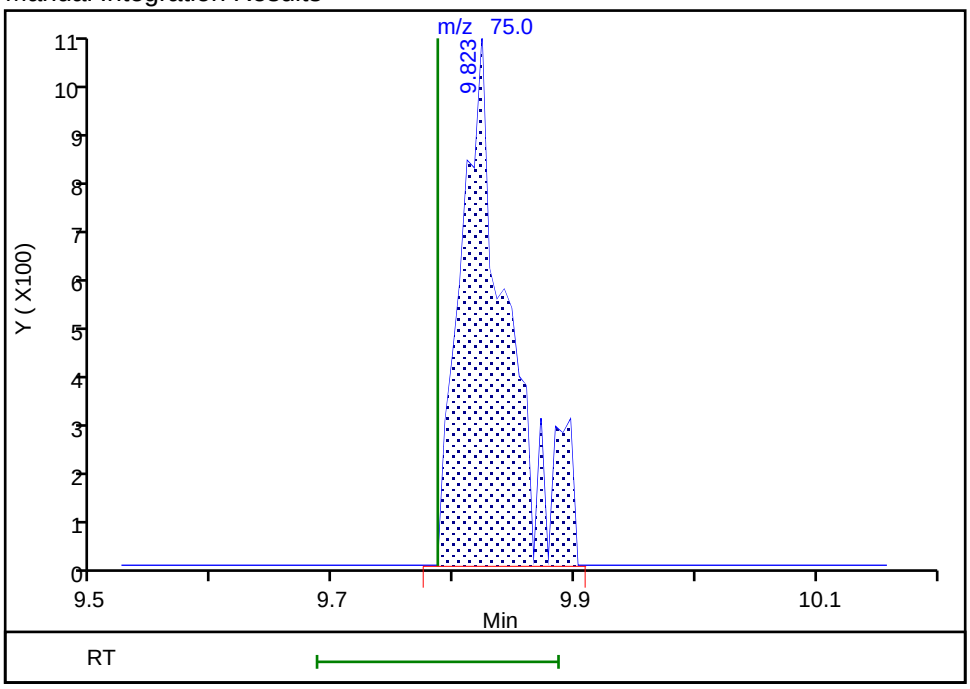
Processing Integration Results

RT: 9.82
Area: 1794
Amount: 0.061813
Amount Units: ug/l



Manual Integration Results

RT: 9.82
Area: 2833
Amount: 0.049853
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:16:21 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

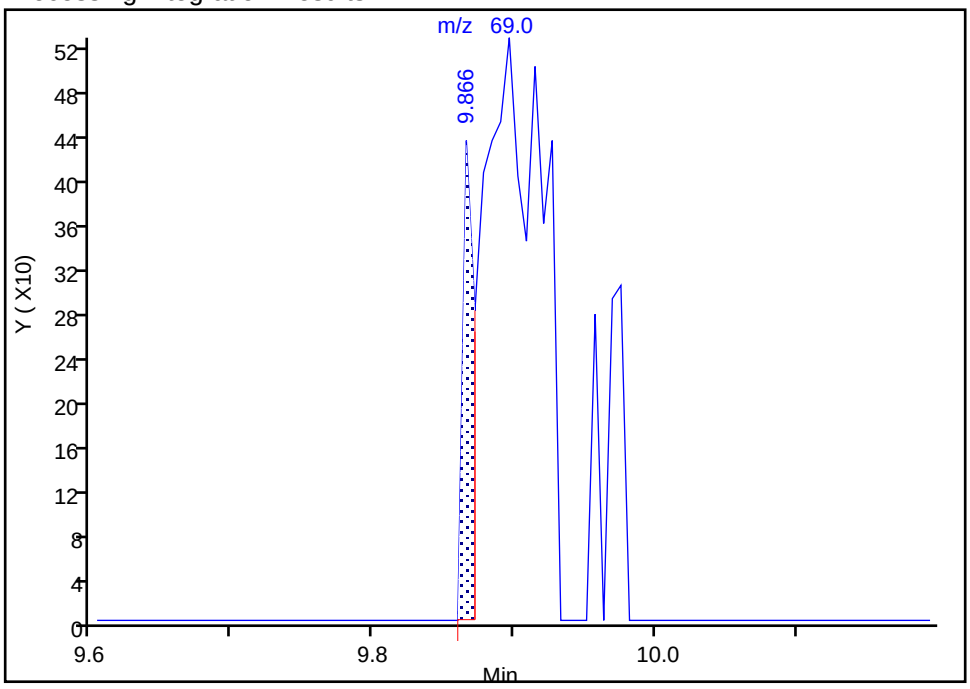
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D				
Injection Date:	09-Jul-2025 04:37:30	Instrument ID:	19094		
Lims ID:	IC std2 0.06				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

104 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

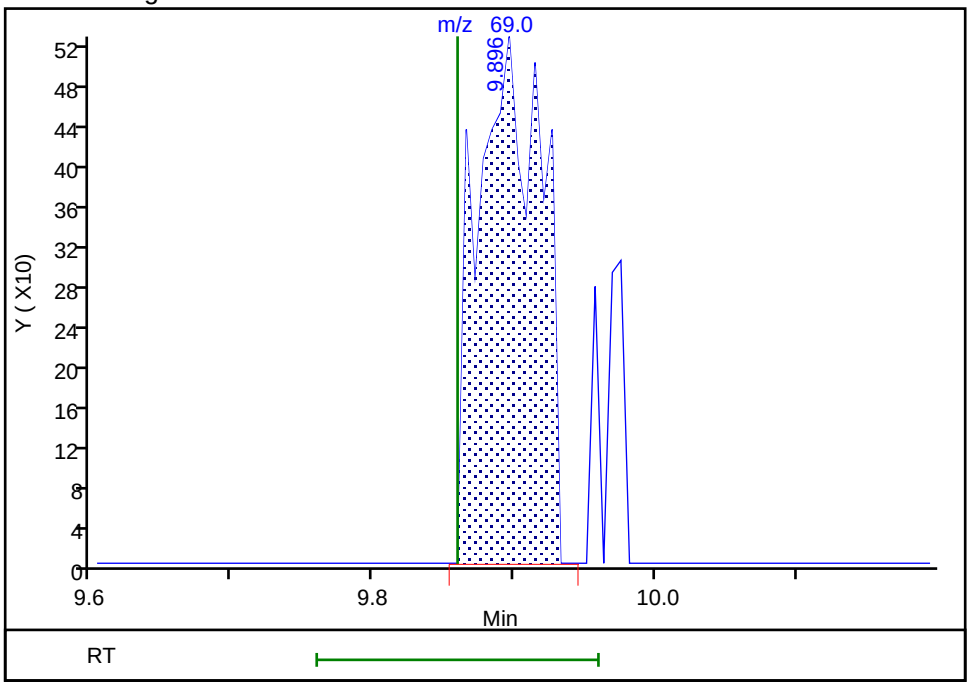
Processing Integration Results

RT: 9.87
Area: 261
Amount: 0.064827
Amount Units: ug/l



Manual Integration Results

RT: 9.90
Area: 1672
Amount: 0.041622
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:16:25 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

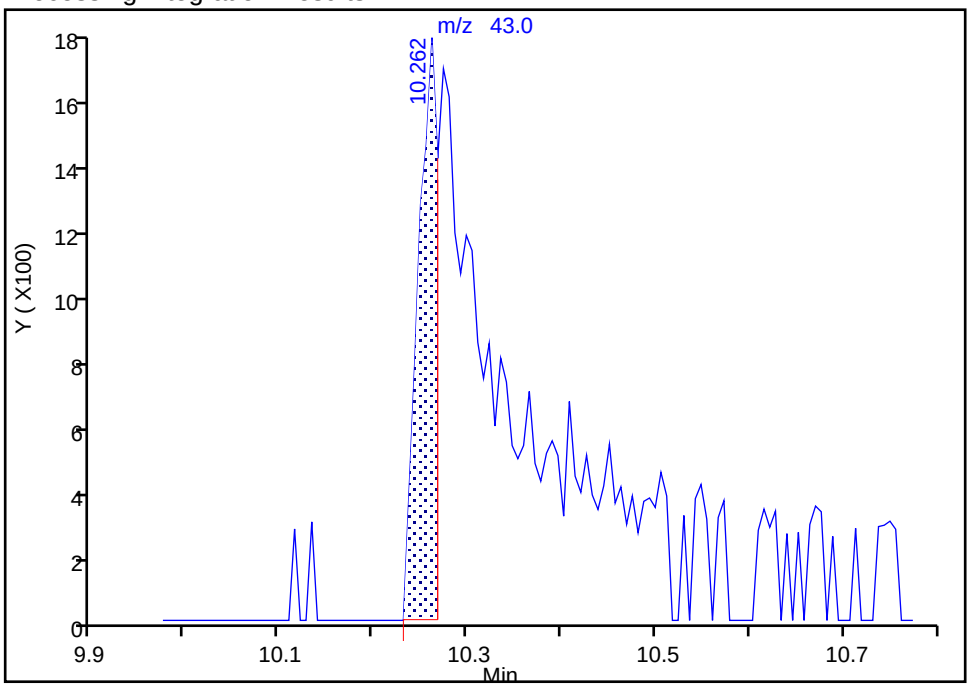
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D				
Injection Date:	09-Jul-2025 04:37:30	Instrument ID:	19094		
Lims ID:	IC std2 0.06				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Signal: 1

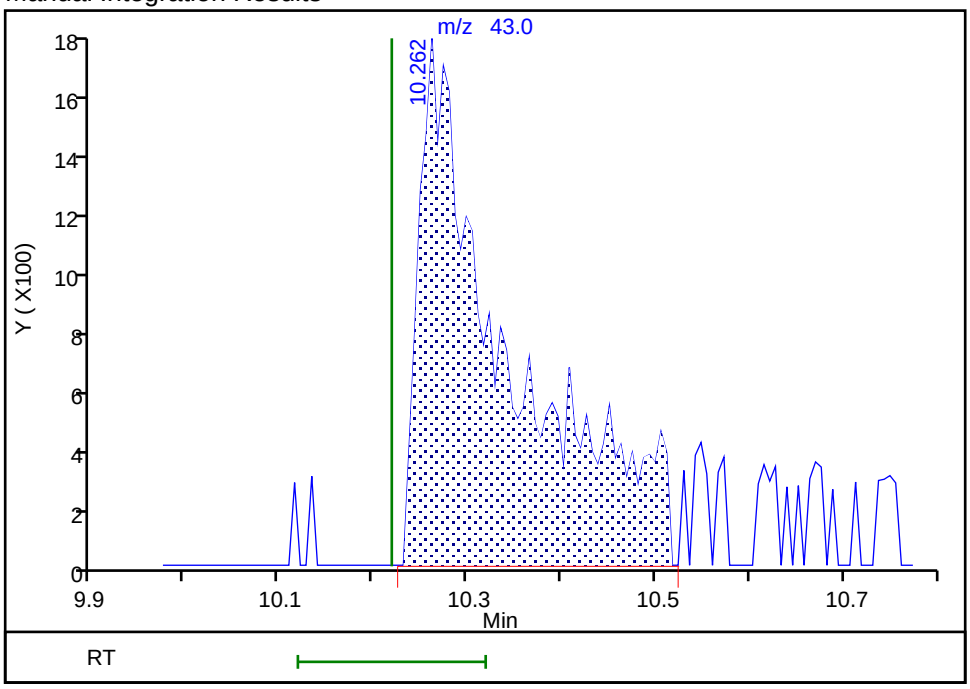
Processing Integration Results

RT: 10.26
Area: 2530
Amount: 0.144939
Amount Units: ug/l



Manual Integration Results

RT: 10.26
Area: 11341
Amount: 0.638224
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:16:32 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

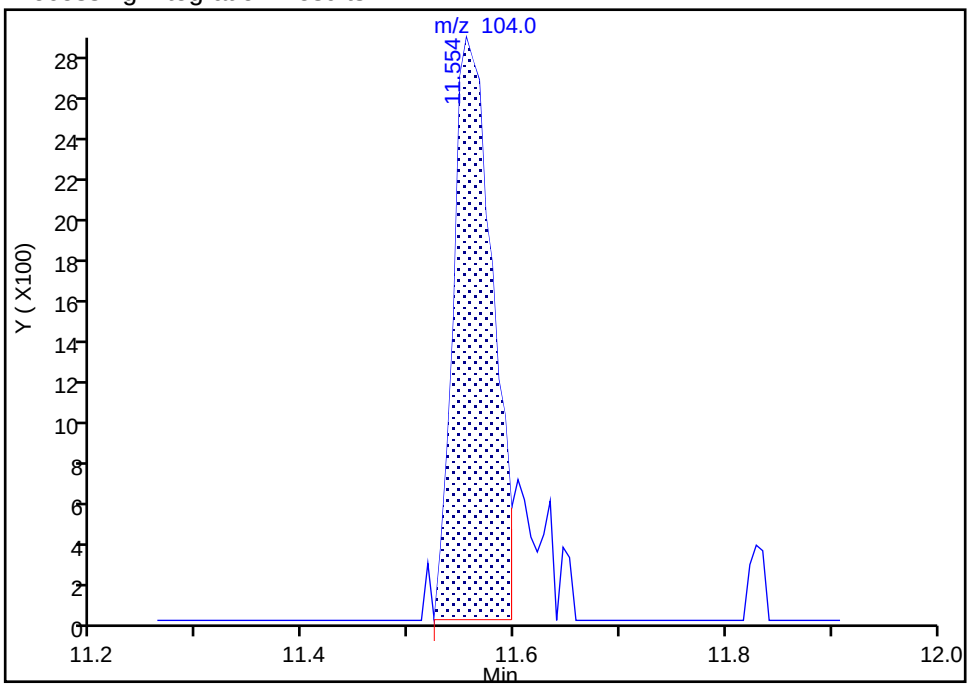
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D				
Injection Date:	09-Jul-2025 04:37:30	Instrument ID:	19094		
Lims ID:	IC std2 0.06				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

121 Styrene, CAS: 100-42-5

Signal: 1

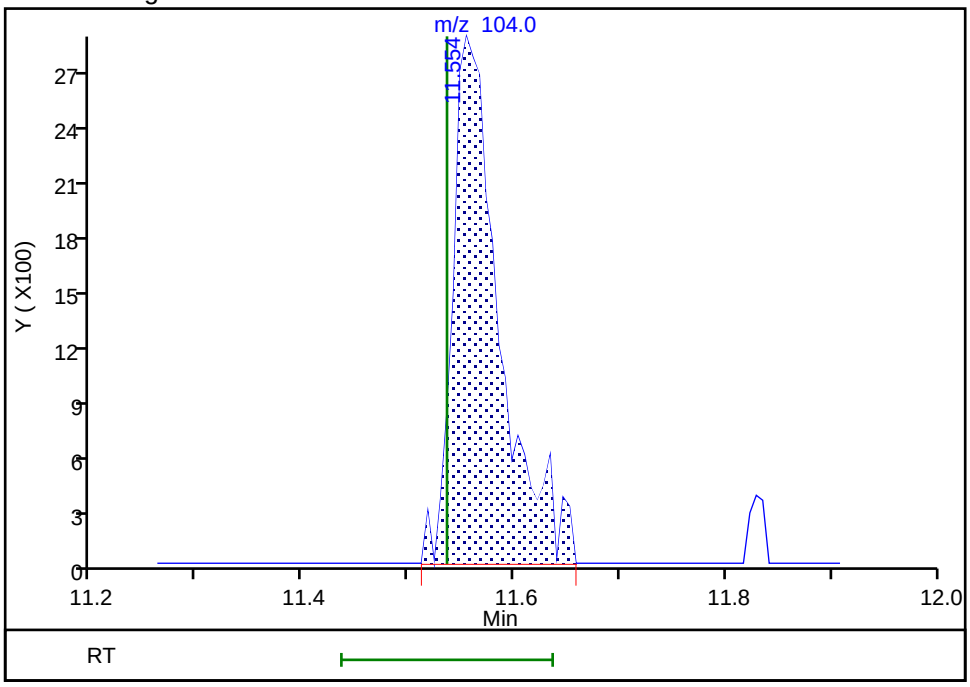
Processing Integration Results

RT: 11.55
Area: 7286
Amount: 0.045234
Amount Units: ug/l



Manual Integration Results

RT: 11.55
Area: 8731
Amount: 0.053319
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:16:45 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

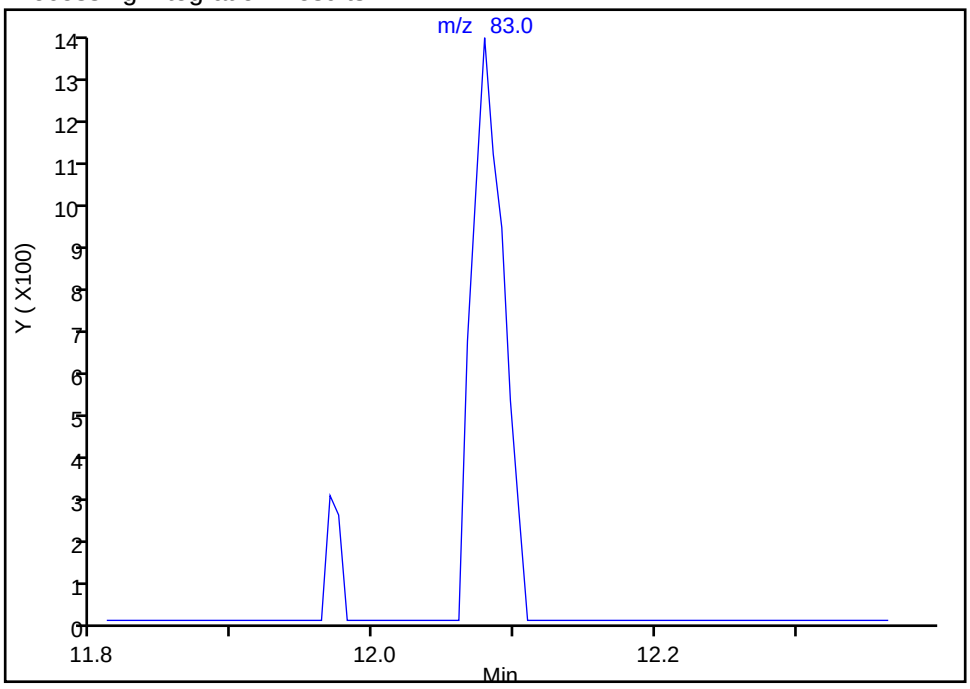
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D				
Injection Date:	09-Jul-2025 04:37:30	Instrument ID:	19094		
Lims ID:	IC std2 0.06				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Signal: 1

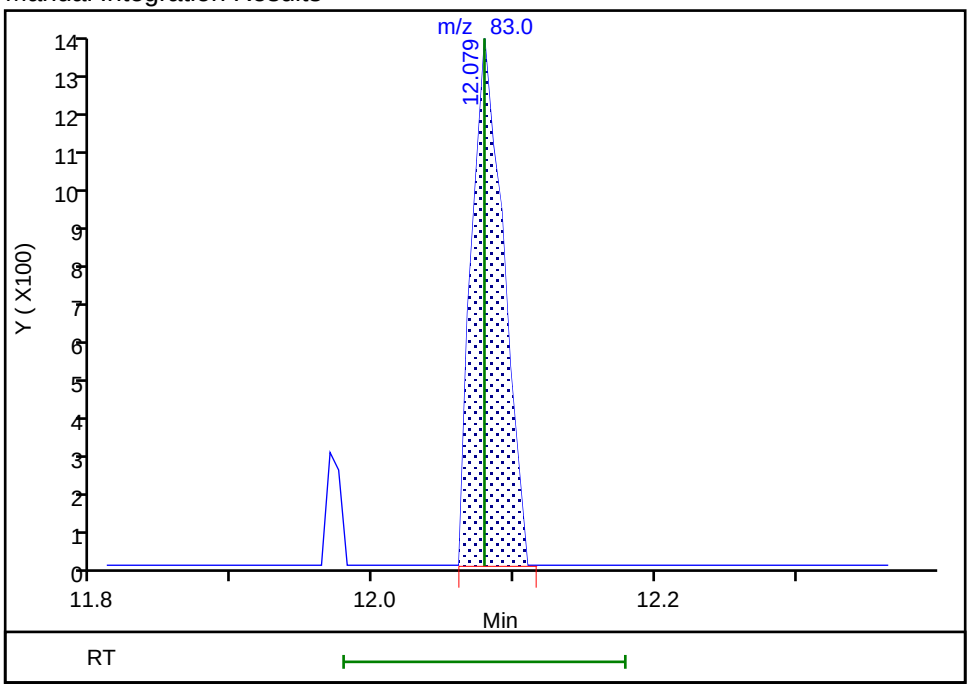
Not Detected
Expected RT: 12.08

Processing Integration Results



Manual Integration Results

RT: 12.08
Area: 2155
Amount: 0.059154
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:16:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

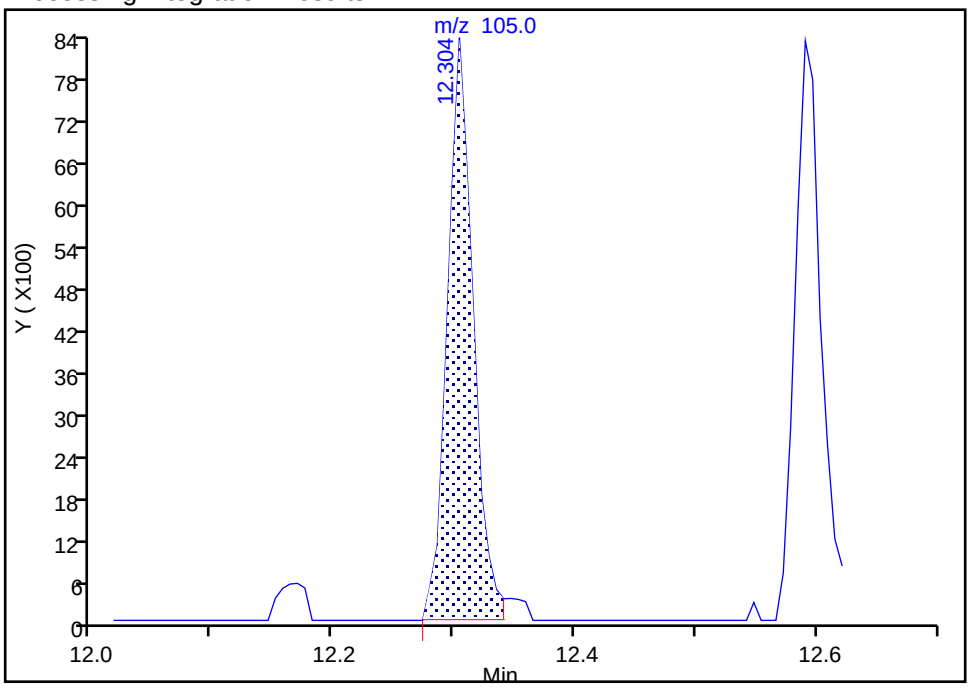
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D				
Injection Date:	09-Jul-2025 04:37:30	Instrument ID:	19094		
Lims ID:	IC std2 0.06				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

133 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

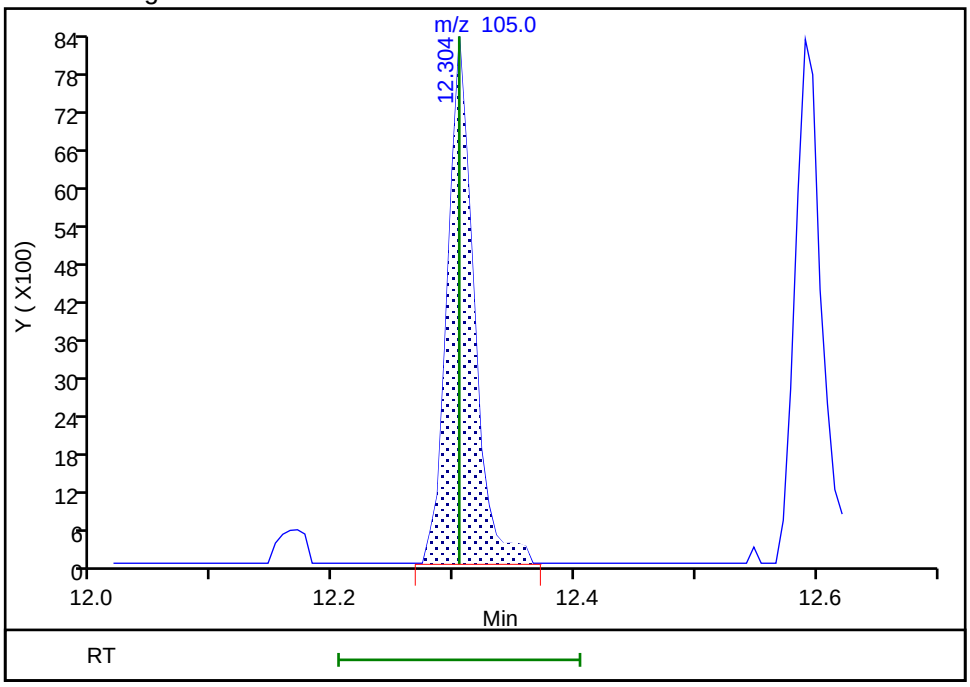
Processing Integration Results

RT: 12.30
Area: 12290
Amount: 0.044324
Amount Units: ug/l



Manual Integration Results

RT: 12.30
Area: 12613
Amount: 0.054796
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:17:07 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

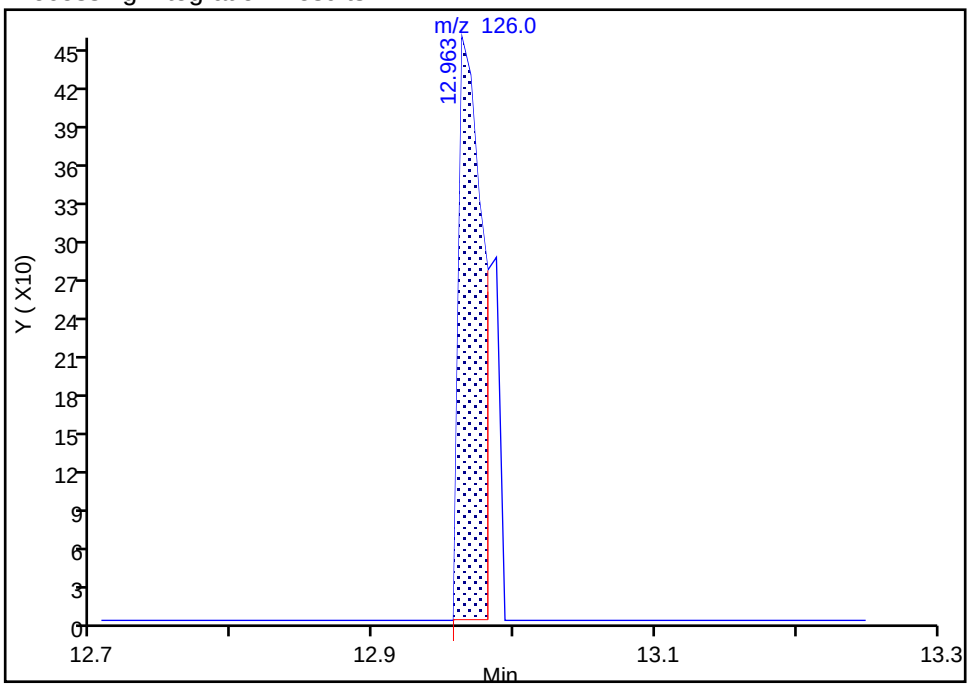
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X13.D				
Injection Date:	09-Jul-2025 04:37:30	Instrument ID:	19094		
Lims ID:	IC std2 0.06				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

144 Benzyl chloride, CAS: 100-44-7

Signal: 1

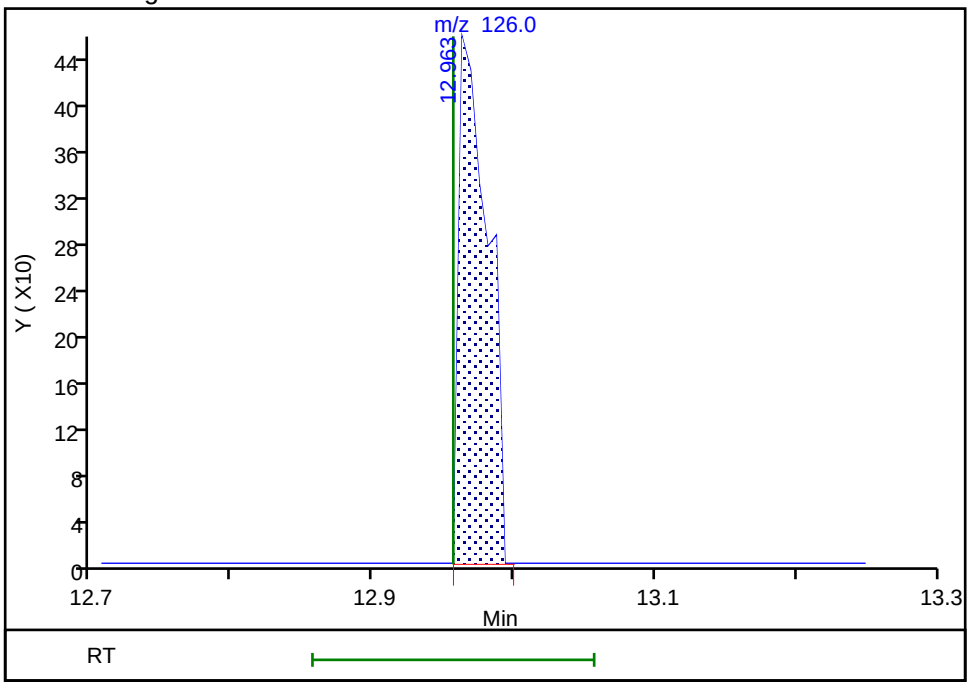
Processing Integration Results

RT: 12.96
Area: 548
Amount: 0.038736
Amount Units: ug/l



Manual Integration Results

RT: 12.96
Area: 652
Amount: 0.045392
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:17:16 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D
Lims ID: IC std3 0.2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 09-Jul-2025 04:58:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152824-015
Misc. Info.: IC STD3 0.2
Operator ID: gaw91131 Instrument ID: 19094
Sublist: chrom-MSV_19094_25mL*sub1

Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 16-Jul-2025 16:05:01 Calib Date: 09-Jul-2025 07:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1623

First Level Reviewer: JS6E Date: 11-Jul-2025 01:22:18

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	1.831	-0.007	91	10896	0.2000	0.1816	
5 Chloromethane	50	2.001	2.013	-0.012	99	16319	0.2000	0.2059	
7 Butadiene	39	2.093	2.105	-0.012	95	14128	0.2000	0.1854	
6 Vinyl chloride	62	2.111	2.123	-0.012	79	14044	0.2000	0.1959	
9 Bromomethane	94	2.385	2.391	-0.006	90	10656	0.2000	0.2093	
10 Chloroethane	64	2.465	2.477	-0.012	97	9729	0.2000	0.2162	
11 Dichlorofluoromethane	67	2.678	2.690	-0.012	97	24545	0.2000	0.2039	
12 Trichlorofluoromethane	101	2.776	2.788	-0.012	51	16541	0.2000	0.1779	
14 Ethyl ether	59	2.971	2.971	0.000	68	5694	0.2001	0.1805	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.032	3.050	-0.018	89	14258	0.2000	0.2056	
16 Acrolein	56	3.147	3.117	0.030	98	42306	9.76	8.79	M
17 1,1-Dichloroethene	96	3.251	3.251	0.000	96	9876	0.2000	0.2103	
19 Acetone	43	3.330	3.275	0.055	33	13299	2.00	2.25	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.275	3.294	-0.019	52	9271	0.2000	0.2011	
21 Iodomethane	142	3.422	3.434	-0.012	99	18331	0.2000	0.2035	
22 Ethyl bromide	108	3.446	3.458	-0.012	95	8744	0.1998	0.2203	
23 Carbon disulfide	76	3.525	3.531	-0.006	100	29965	0.2000	0.2081	
24 Methyl acetate	43	3.733	3.660	0.073	23	7151	0.2000	0.5064	M
26 3-Chloro-1-propene	41	3.684	3.684	0.000	92	20600	0.2000	0.2221	
27 Methylene Chloride	84	3.848	3.855	-0.007	97	10281	0.2000	0.2087	
* 28 t-Butyl alcohol-d10 (IS)	65	3.855	3.891	-0.036	97	83156	50.0	50.0	
29 2-Methyl-2-propanol	59	3.970	3.995	-0.025	28	7410	4.00	4.10	M
31 Acrylonitrile	53		4.184				ND	ND	
32 Methyl tert-butyl ether	73	4.208	4.214	-0.006	95	22002	0.2000	0.2038	
33 trans-1,2-Dichloroethene	96	4.245	4.239	0.006	98	10891	0.2000	0.2093	
34 Hexane	57	4.659	4.659	0.000	95	15138	0.2000	0.1917	
36 1,1-Dichloroethane	63	4.885	4.891	-0.006	94	20154	0.2000	0.2004	
37 Isopropyl ether	45	4.952	4.952	0.000	94	35572	0.2000	0.2096	
38 2-Chloro-1,3-butadiene	53	5.007	5.001	0.006	88	17900	0.2000	0.2058	M
40 Tert-butyl ethyl ether	59	5.488	5.495	-0.006	97	30125	0.2000	0.2047	

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	5.781	5.690	0.091	78	17339	2.00	1.71	M
42 cis-1,2-Dichloroethene	96	5.738	5.732	0.006	81	11873	0.2000	0.2097	
43 2,2-Dichloropropane	77	5.738	5.744	-0.006	73	18843	0.2000	0.2143	
44 Propionitrile	54	6.007	5.775	0.232	17	5274	4.00	2.09	M
47 Methacrylonitrile	67	6.025	5.988	0.037	90	16662	2.00	1.64	M
48 Chlorobromomethane	128	6.074	6.068	0.006	85	4094	0.2000	0.1911	
49 Tetrahydrofuran	71	6.116	6.080	0.036	41	1490	1.00	0.5240	
S 46 1,2-Dichloroethene, Total	100				0			0.4190	
50 Chloroform	83	6.220	6.226	-0.006	94	19601	0.2000	0.2099	
$ 52 Dibromofluoromethane (Surr)	113	6.439	6.446	-0.007	94	431324	10.0	10.0	
53 1,1,1-Trichloroethane	97	6.452	6.458	-0.006	98	17929	0.2000	0.2053	
54 Cyclohexane	56	6.555	6.561	-0.006	91	20145	0.2000	0.1877	
56 Carbon tetrachloride	117	6.671	6.677	-0.006	91	14786	0.2000	0.2004	
55 1,1-Dichloropropene	75	6.677	6.677	0.000	92	15668	0.2000	0.1944	
57 Isobutyl alcohol	41	6.884	6.824	0.060	30	9533	10.0	13.5	M
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.897	6.897	0.000	81	78343	10.0	10.1	
59 Benzene	78	6.939	6.939	0.000	96	46610	0.2000	0.2033	
60 1,2-Dichloroethane	62	7.012	7.006	0.006	94	10204	0.2000	0.1982	
63 Tert-amyl methyl ether	73	7.128	7.141	-0.013	96	24191	0.2000	0.1899	
* 64 Fluorobenzene (IS)	96	7.342	7.354	-0.012	99	1849831	10.0	10.0	
65 n-Heptane	43	7.372	7.372	0.000	36	16959	0.2000	0.2031	
67 n-Butanol	56	7.951	7.732	0.219	22	5674	17.5	45.4	M
68 Trichloroethene	95	7.842	7.842	0.000	97	12557	0.2000	0.2092	M
69 Methylcyclohexane	83	8.159	8.159	0.000	93	19474	0.2000	0.1864	
70 1,2-Dichloropropane	63	8.177	8.177	0.000	88	10560	0.2000	0.1917	
71 2-ethoxy-2-methyl butane	87	8.189	8.195	-0.006	91	17212	0.2000	0.2065	
72 Methyl methacrylate	69	8.299	8.268	0.031	51	3174	0.2000	0.1529	M
73 1,4-Dioxane	88		8.287				ND	ND	
74 Dibromomethane	93	8.293	8.287	0.006	96	4269	0.2000	0.2092	M
76 Dichlorobromomethane	83	8.530	8.531	0.000	98	12364	0.2000	0.2012	
77 2-Nitropropane	41	8.793	8.793	0.000	96	7390	1.00	1.15	M
79 1-Bromo-2-chloroethane	63	8.939	8.927	0.012	96	10197	0.2000	0.2074	
80 cis-1,3-Dichloropropene	75	9.110	9.097	0.013	94	14751	0.2000	0.1961	M
82 4-Methyl-2-pentanone (MIBK)	43	9.286	9.280	0.006	97	48068	2.00	1.67	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1867719	10.0	10.0	
84 Toluene	92	9.506	9.506	0.000	97	28809	0.2000	0.1990	
85 trans-1,3-Dichloropropene	75	9.805	9.786	0.019	92	11519	0.2000	0.2009	M
104 Ethyl methacrylate	69	9.878	9.860	0.018	91	8114	0.2000	0.2001	M
106 1,1,2-Trichloroethane	97	10.006	10.000	0.006	88	6443	0.2000	0.2004	
S 105 1,3-Dichloropropene, Total	100				0			0.3970	
107 Tetrachloroethene	166	10.091	10.091	0.000	96	14008	0.2000	0.2048	
108 1,3-Dichloropropane	76	10.170	10.164	0.006	92	10576	0.2000	0.1890	
109 2-Hexanone	43	10.244	10.219	0.025	98	30093	2.00	1.63	
111 Chlorodibromomethane	129	10.390	10.390	0.000	89	7519	0.2000	0.1894	
112 Ethylene Dibromide	107	10.512	10.500	0.012	96	5033	0.2000	0.1804	
* 113 Chlorobenzene-d5 (IS)	117	10.945	10.951	-0.006	87	1343086	10.0	10.0	
114 1-Chlorohexane	91	10.969	10.963	0.006	90	18699	0.2000	0.2051	
115 Chlorobenzene	112	10.975	10.975	0.000	96	31907	0.2000	0.2083	
116 1,1,1,2-Tetrachloroethane	131	11.067	11.060	0.007	91	9697	0.2000	0.1923	
117 Ethylbenzene	91	11.073	11.067	0.006	98	58754	0.2000	0.2056	
119 m-Xylene & p-Xylene	106	11.188	11.189	-0.001	99	44021	0.4000	0.4052	
S 118 Xylenes, Total	106				0			0.5982	

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	11.524	11.518	0.006	97	19867	0.2000	0.1930	
121 Styrene	104	11.548	11.536	0.012	95	30805	0.2000	0.1864	
122 Bromoform	173	11.694	11.695	-0.001	97	3664	0.2000	0.1785	
123 Isopropylbenzene	105	11.829	11.829	0.000	96	50618	0.2000	0.2011	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	90	675483	10.0	10.0	
127 1,1,2,2-Tetrachloroethane	83	12.079	12.079	0.000	59	7205	0.2000	0.1967	M
128 Bromobenzene	156	12.091	12.091	0.000	94	12032	0.2000	0.2023	
129 trans-1,4-Dichloro-2-butene	53	12.109	12.103	0.006	93	17609	2.00	1.65	
130 1,2,3-Trichloropropane	110	12.127	12.121	0.006	77	1856	0.2000	0.2021	
131 N-Propylbenzene	91	12.164	12.164	0.000	99	63725	0.2000	0.1927	
132 2-Chlorotoluene	126	12.237	12.237	0.000	96	12429	0.2000	0.1968	
133 1,3,5-Trimethylbenzene	105	12.304	12.304	0.000	93	46466	0.2000	0.2007	
134 4-Chlorotoluene	126	12.335	12.329	0.006	97	12425	0.2000	0.1953	
135 tert-Butylbenzene	134	12.542	12.542	0.000	93	9928	0.2000	0.1943	
136 Pentachloroethane	167	12.572	12.572	0.000	82	6538	0.2000	0.1942	
137 1,2,4-Trimethylbenzene	105	12.591	12.585	0.006	97	46296	0.2000	0.1970	
138 sec-Butylbenzene	105	12.706	12.707	-0.001	94	58887	0.2000	0.1974	
139 1,3-Dichlorobenzene	146	12.810	12.804	0.006	98	24106	0.2000	0.2027	
140 4-Isopropyltoluene	119	12.822	12.822	0.000	98	50415	0.2000	0.1972	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	743381	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.883	12.883	0.000	95	25632	0.2000	0.2092	
143 1,2,3-Trimethylbenzene	120	12.895	12.889	0.006	95	19961	0.2000	0.2015	
144 Benzyl chloride	126	12.969	12.956	0.013	98	2883	0.2000	0.1996	
145 p-Diethylbenzene	119	13.097	13.097	0.000	95	28899	0.2000	0.1929	
146 n-Butylbenzene	92	13.115	13.115	0.000	97	22673	0.2000	0.1882	
147 1,2-Dichlorobenzene	146	13.145	13.139	0.006	98	20892	0.2000	0.2014	
149 1,2-Dibromo-3-Chloropropane	155	13.694	13.688	0.006	82	880	0.2000	0.1810	
150 1,3,5-Trichlorobenzene	180	13.816	13.816	0.000	97	16922	0.2000	0.1937	
151 1,2,4-Trichlorobenzene	180	14.243	14.237	0.006	93	13424	0.2000	0.1920	
152 Hexachlorobutadiene	225	14.322	14.322	0.000	95	6760	0.2000	0.1956	
153 Naphthalene	128	14.420	14.414	0.006	97	21107	0.2000	0.1845	
154 1,2,3-Trichlorobenzene	180	14.560	14.560	0.000	96	10805	0.2000	0.1881	
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_00171	Amount Added:	2.00	Units: uL	
MSV_LL_GAS826_00279	Amount Added:	2.00	Units: uL	
MSV_LL_#2_826_00185	Amount Added:	2.00	Units: uL	
MSV_LLcentISS_00016	Amount Added:	5.00	Units: uL	Run Reagent

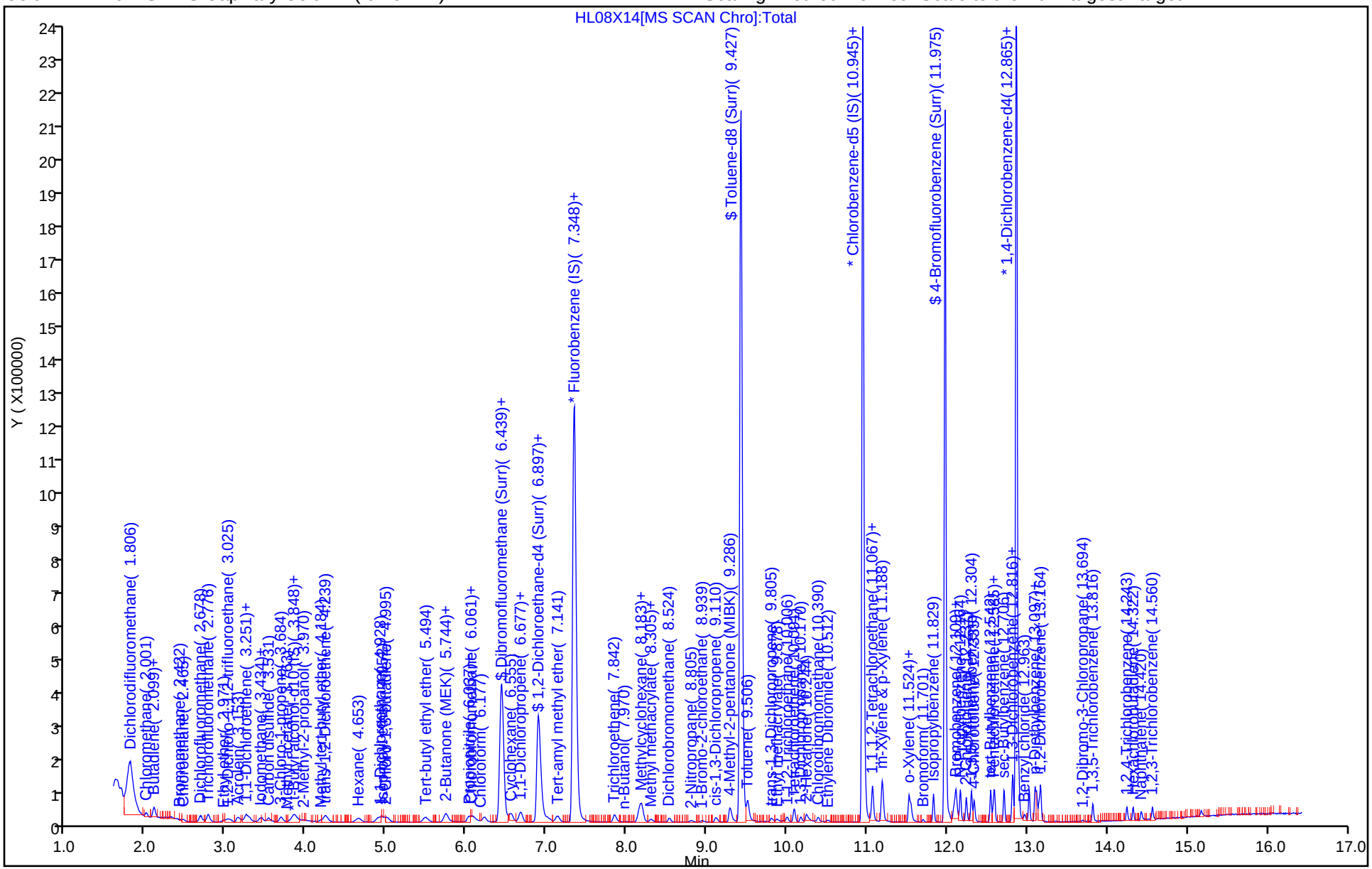
Report Date: 16-Jul-2025 16:05:02 Chrom Revision: 2.3 14-Jul-2025 13:55:14

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D

Injection Date:	09-Jul-2025 04:58:30	Instrument ID:	19094	Operator ID:	gaw91131
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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

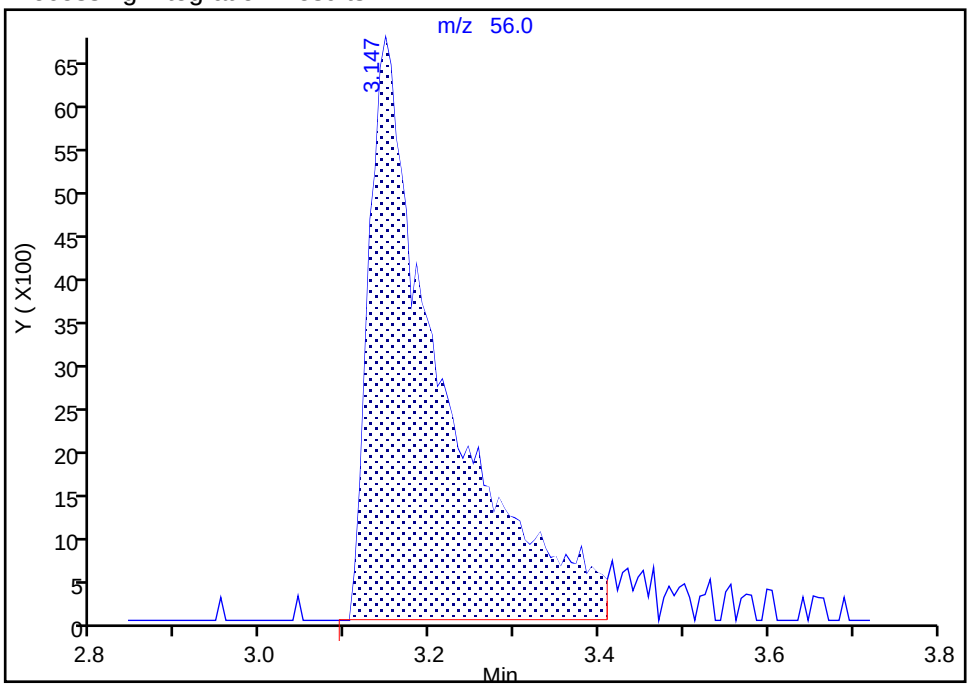
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

16 Acrolein, CAS: 107-02-8

Signal: 1

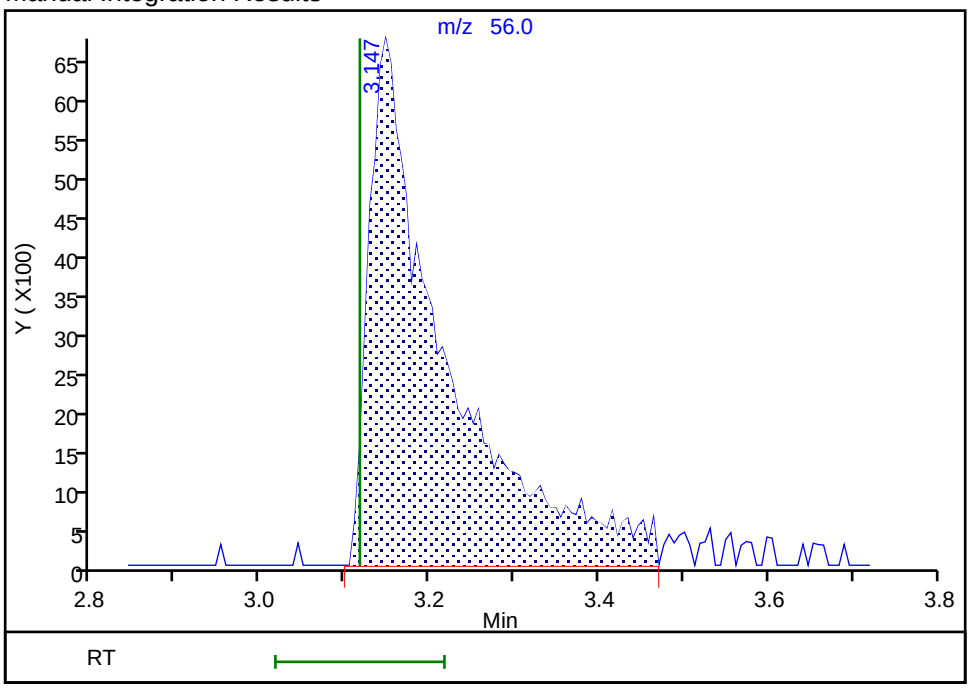
Processing Integration Results

RT: 3.15
Area: 40660
Amount: 8.478059
Amount Units: ug/l



Manual Integration Results

RT: 3.15
Area: 42306
Amount: 8.786931
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:17:55 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

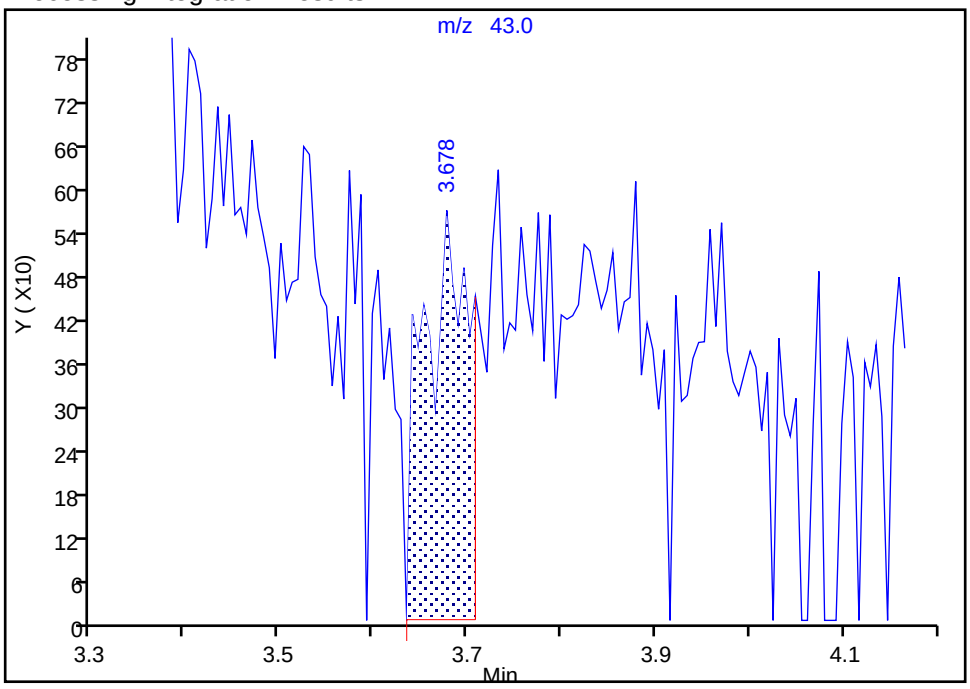
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

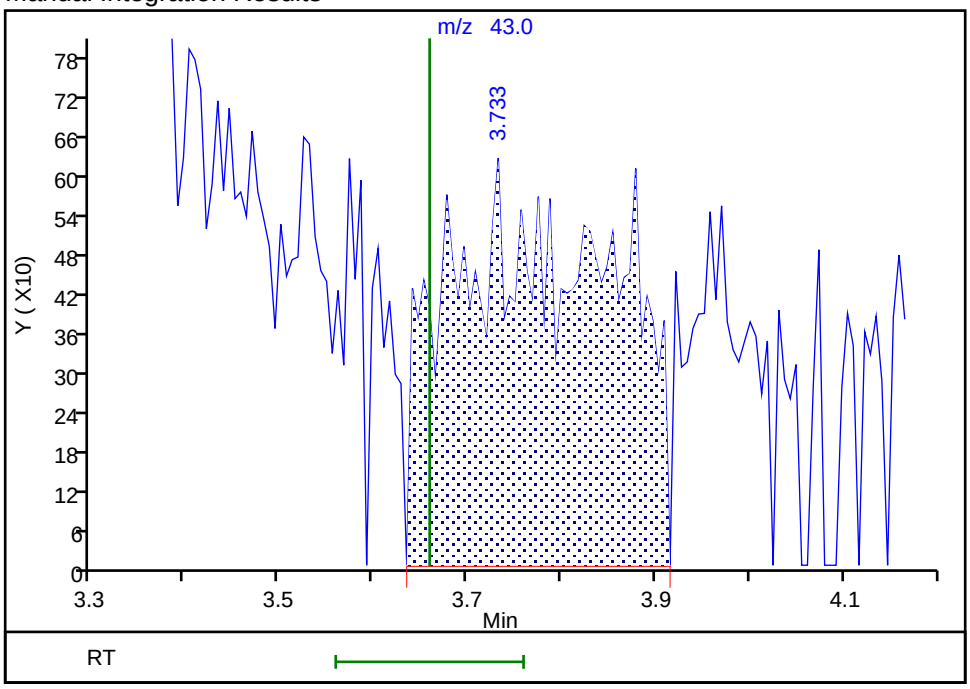
Processing Integration Results

RT: 3.68
Area: 1853
Amount: 0.127168
Amount Units: ug/l



Manual Integration Results

RT: 3.73
Area: 7151
Amount: 0.506435
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:18:06 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

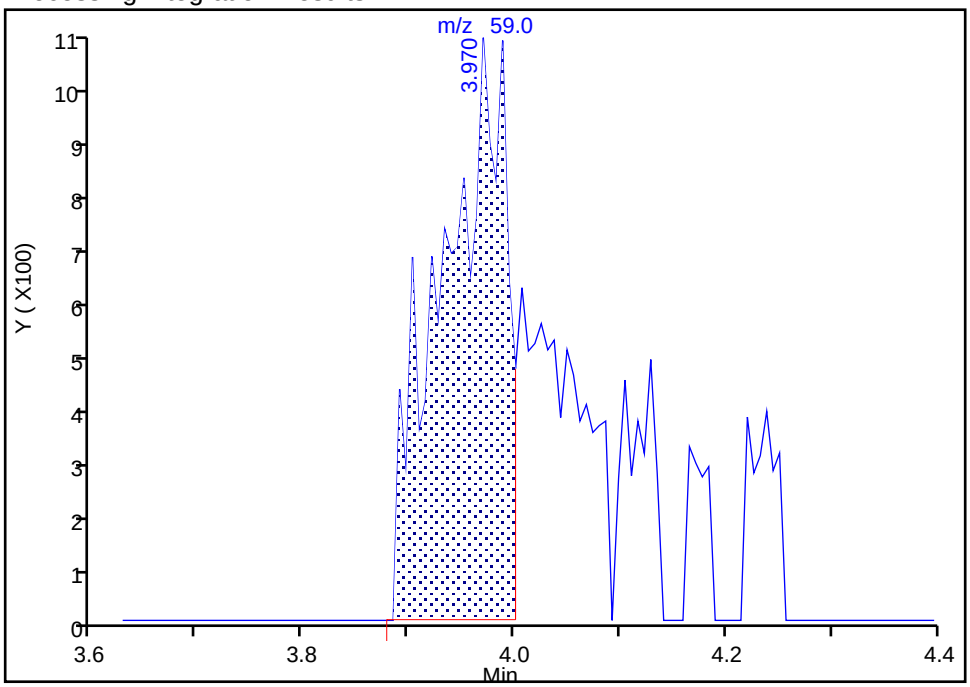
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

29 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

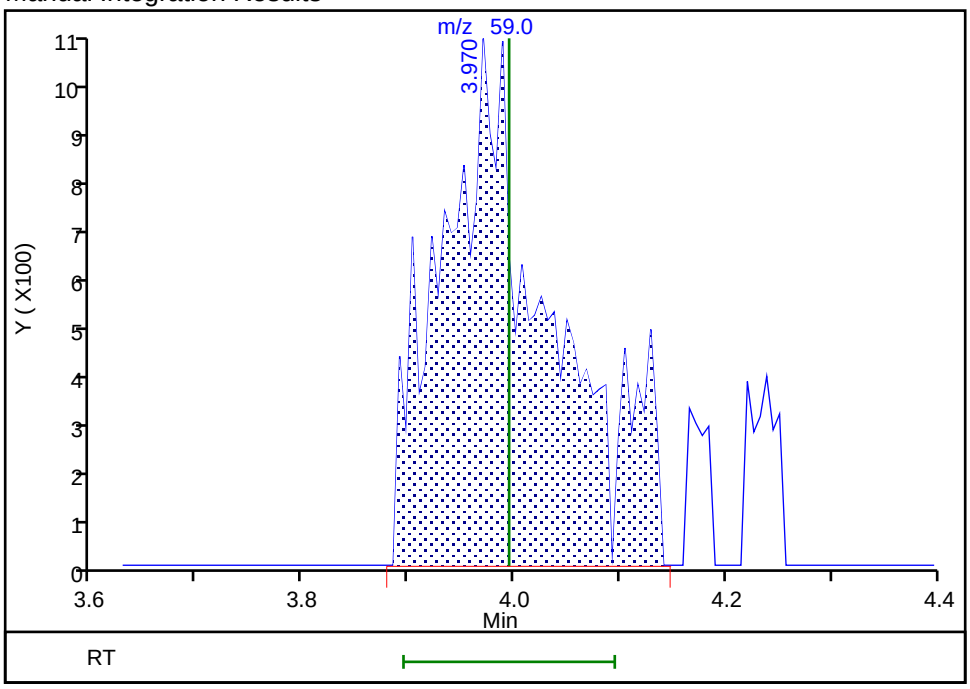
Processing Integration Results

RT: 3.97
Area: 4363
Amount: 2.712791
Amount Units: ug/l



Manual Integration Results

RT: 3.97
Area: 7410
Amount: 4.096040
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:18:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

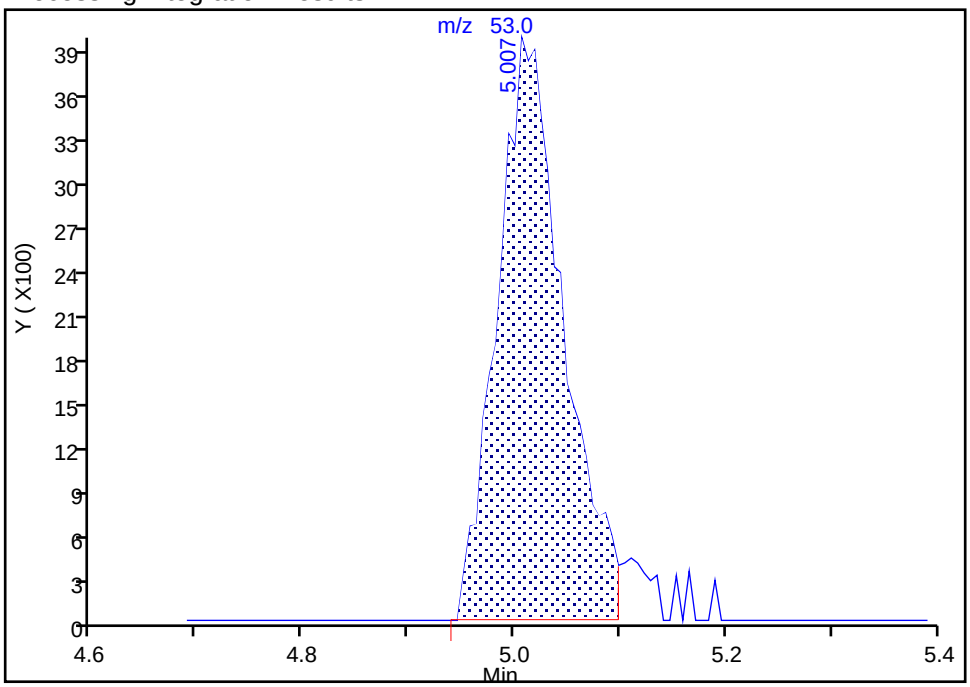
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D				
Injection Date:	09-Jul-2025 04:58:30	Instrument ID:	19094		
Lims ID:	IC std3 0.2				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

38 2-Chloro-1,3-butadiene, CAS: 126-99-8

Signal: 1

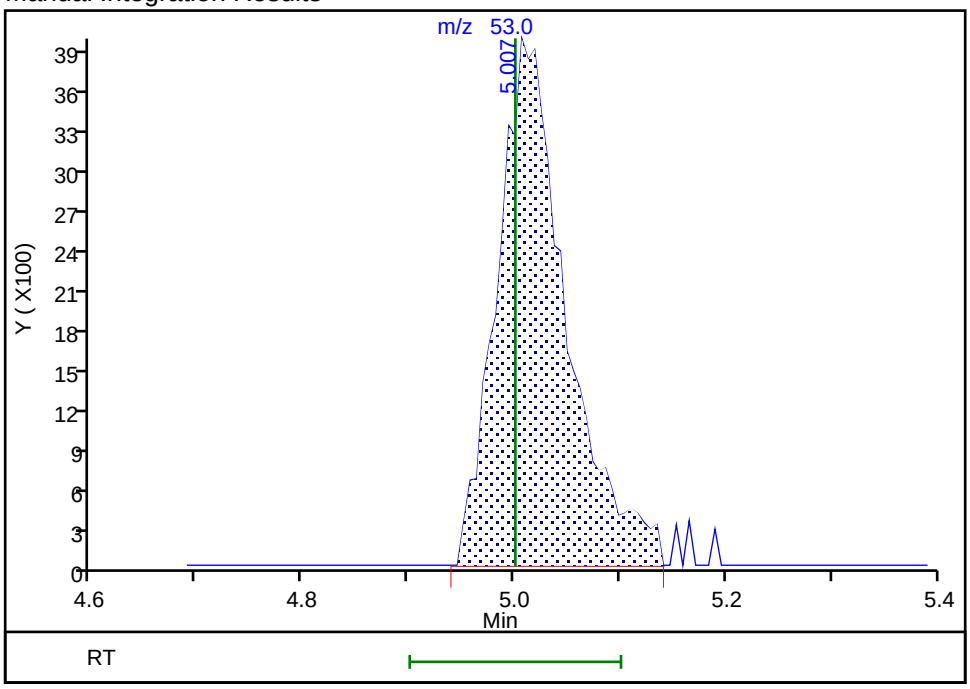
Processing Integration Results

RT: 5.01
Area: 17136
Amount: 0.172583
Amount Units: ug/l



Manual Integration Results

RT: 5.01
Area: 17900
Amount: 0.205776
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:18:51 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

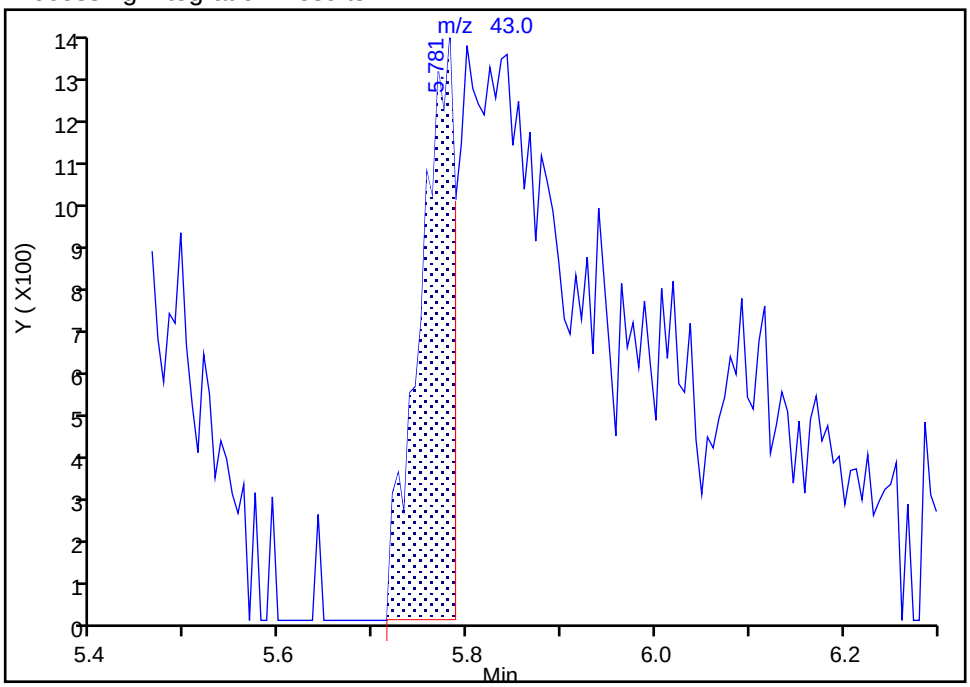
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D				
Injection Date:	09-Jul-2025 04:58:30	Instrument ID:	19094		
Lims ID:	IC std3 0.2				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

41 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

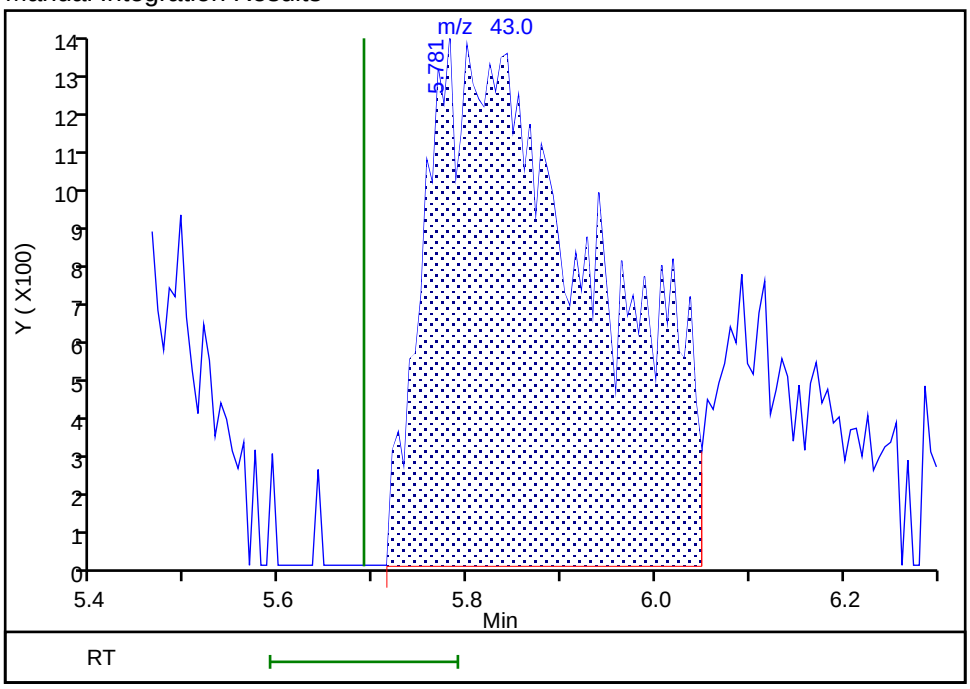
Processing Integration Results

RT: 5.78
Area: 3556
Amount: 1.949551
Amount Units: ug/l



Manual Integration Results

RT: 5.78
Area: 17339
Amount: 1.713877
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:19:08 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

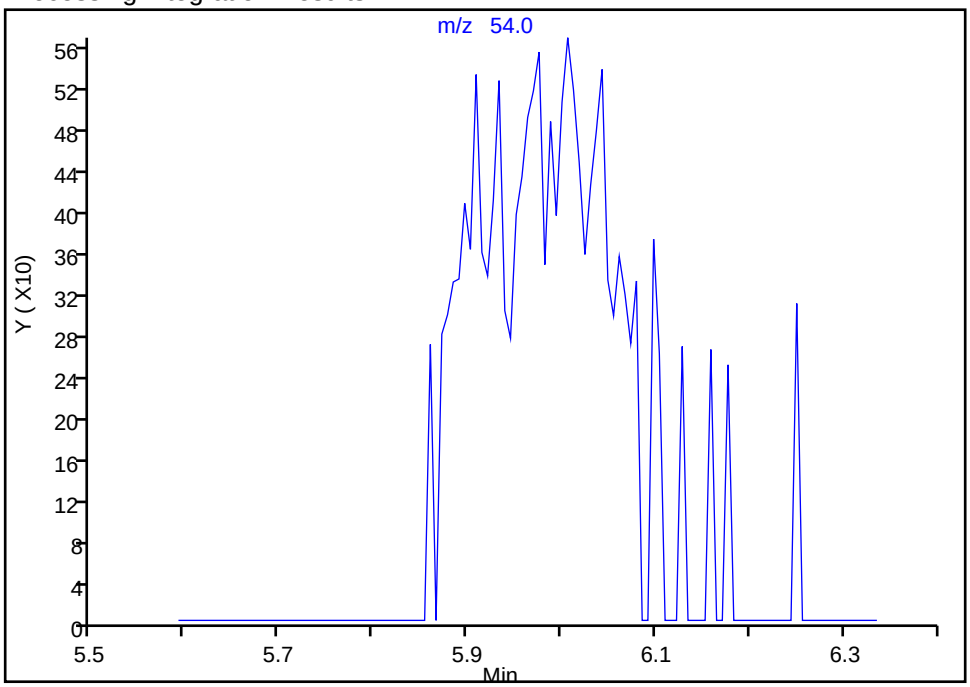
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

44 Propionitrile, CAS: 107-12-0

Signal: 1

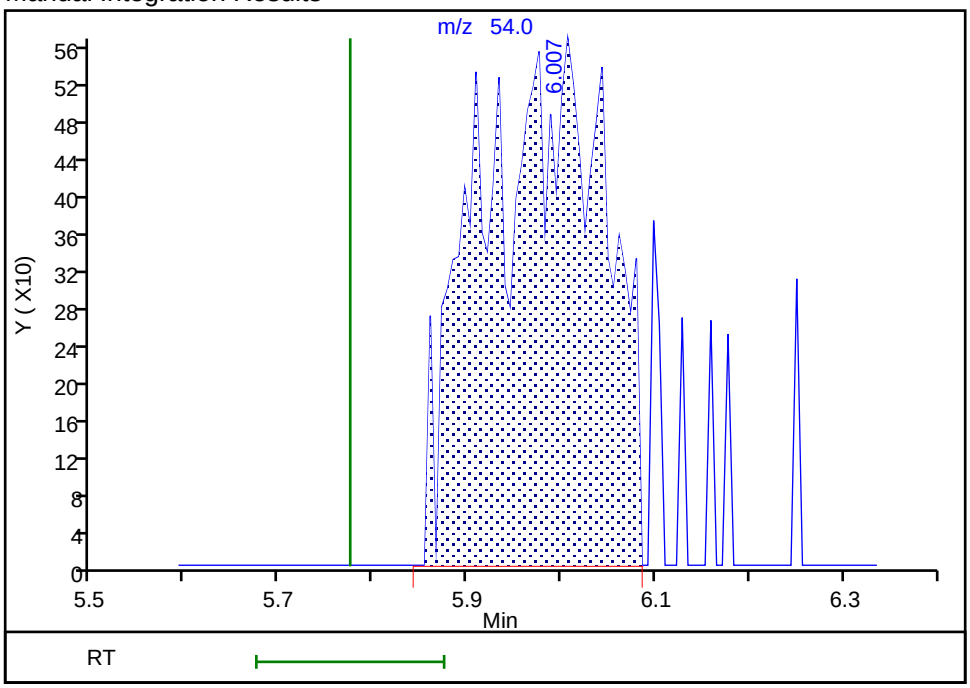
Not Detected
Expected RT: 5.77

Processing Integration Results



Manual Integration Results

RT: 6.01
Area: 5274
Amount: 2.091651
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:19:45 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

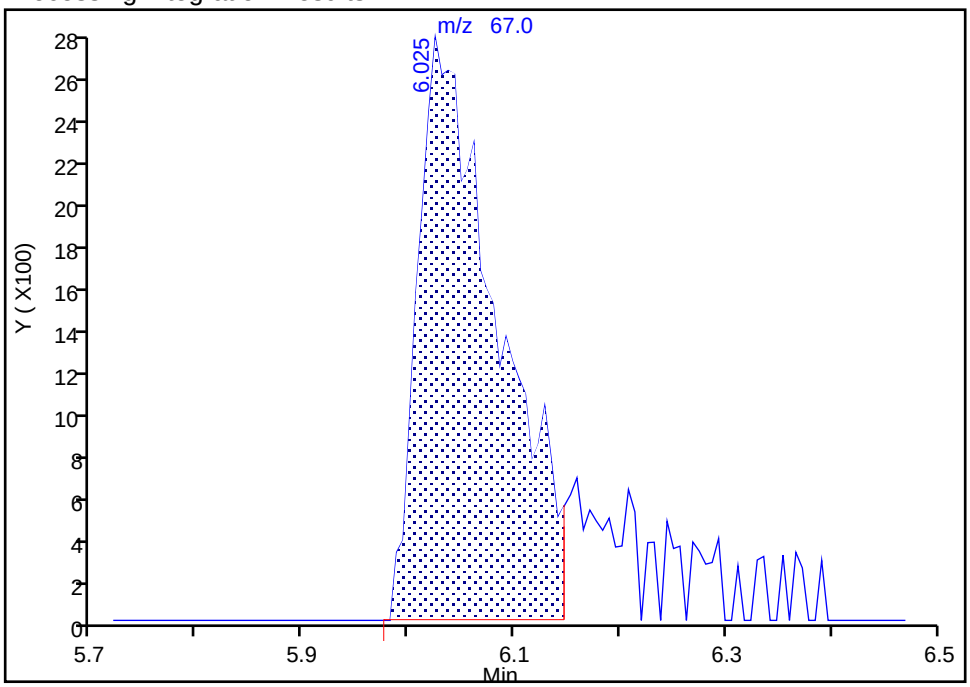
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D				
Injection Date:	09-Jul-2025 04:58:30	Instrument ID:	19094		
Lims ID:	IC std3 0.2				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

47 Methacrylonitrile, CAS: 126-98-7

Signal: 1

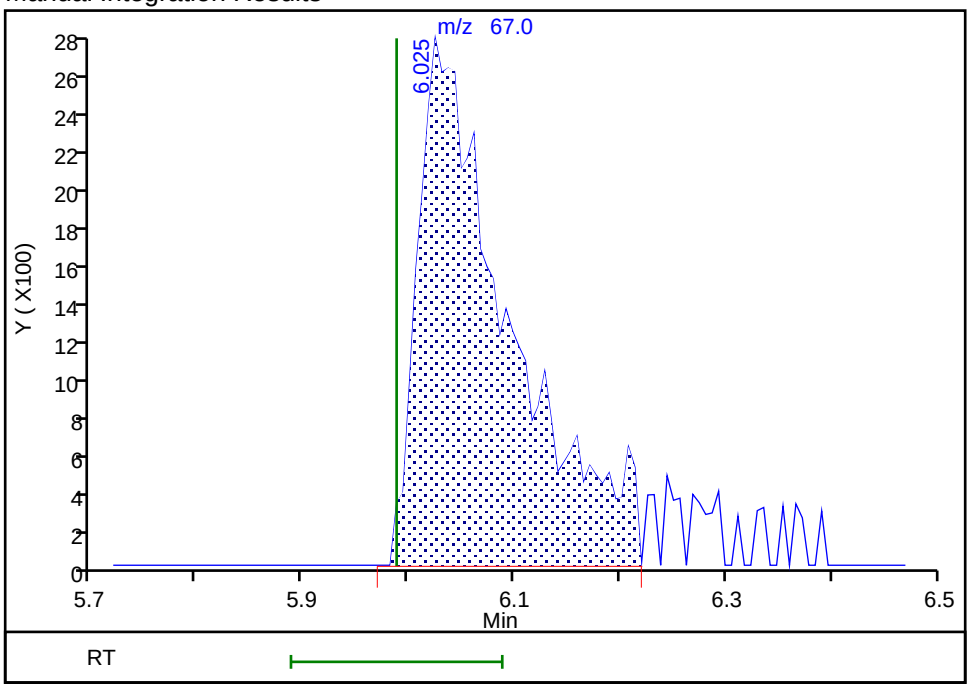
Processing Integration Results

RT: 6.02
Area: 14652
Amount: 1.457425
Amount Units: ug/l



Manual Integration Results

RT: 6.02
Area: 16662
Amount: 1.636903
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:19:53 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

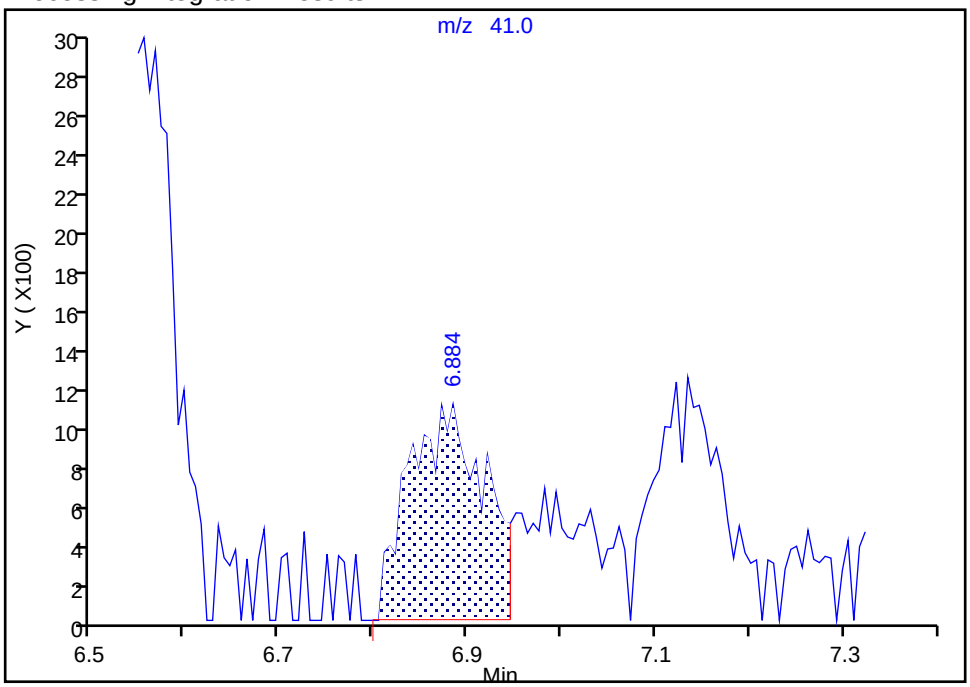
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

57 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

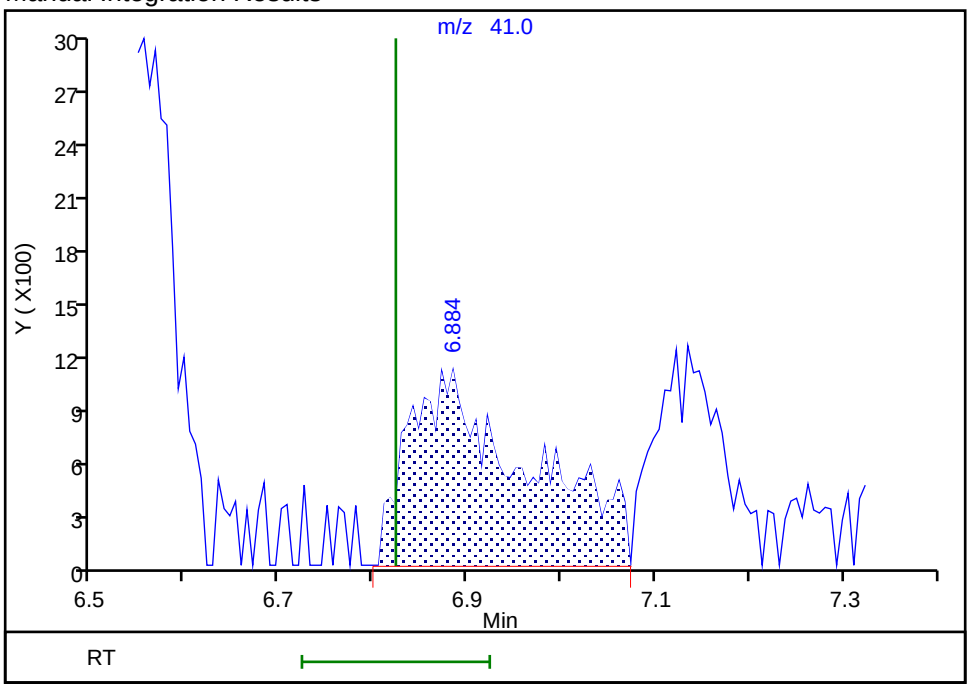
Processing Integration Results

RT: 6.88
Area: 6130
Amount: 8.550258
Amount Units: ug/l



Manual Integration Results

RT: 6.88
Area: 9533
Amount: 13.491463
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:20:02 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

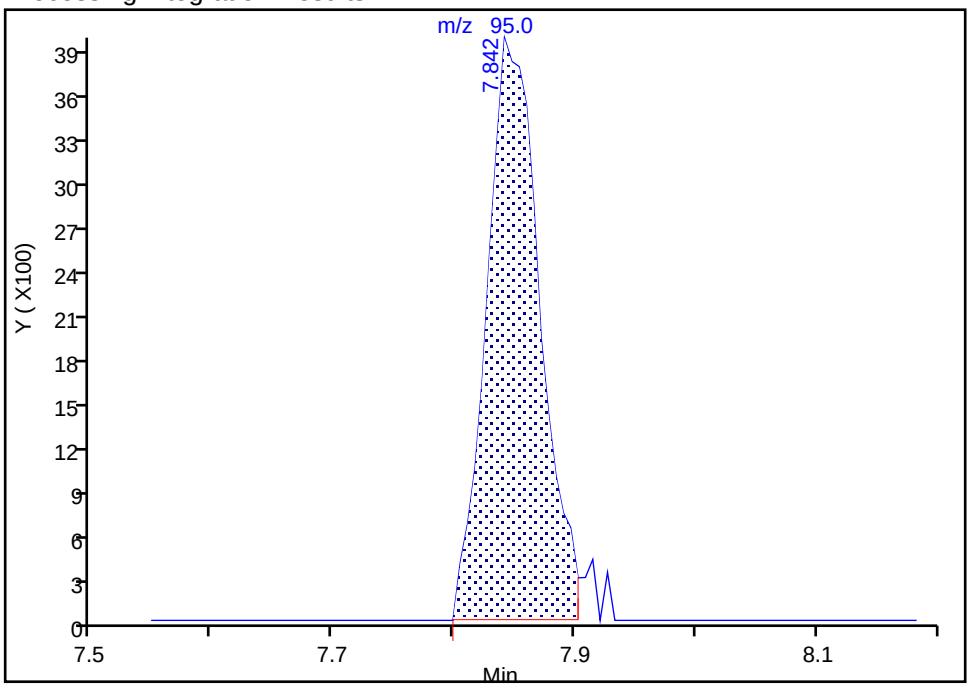
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D				
Injection Date:	09-Jul-2025 04:58:30	Instrument ID:	19094		
Lims ID:	IC std3 0.2				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

68 Trichloroethene, CAS: 79-01-6

Signal: 1

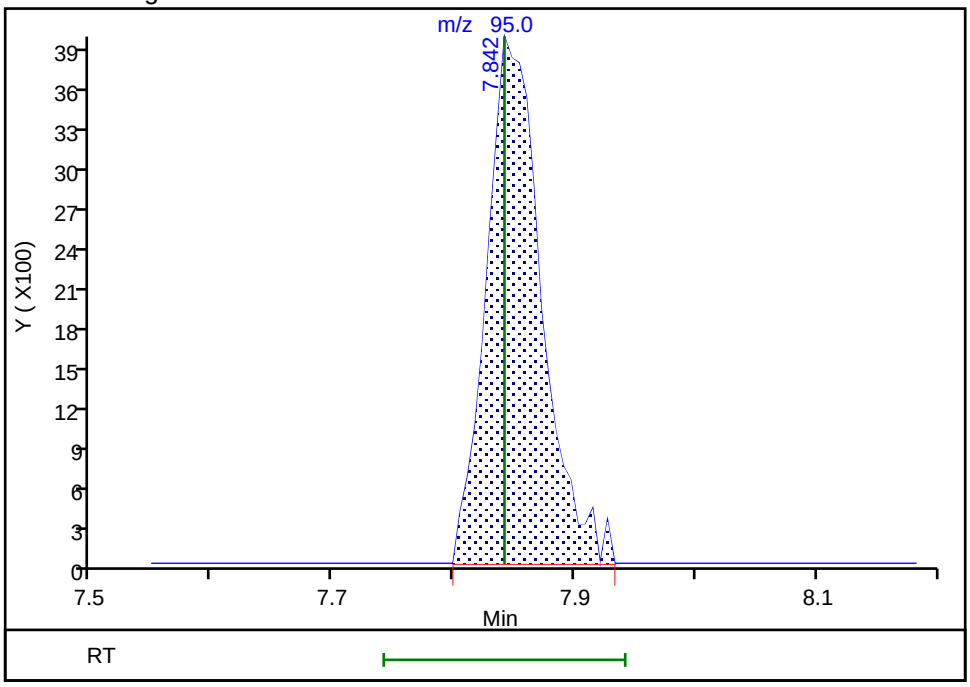
Processing Integration Results

RT: 7.84
Area: 12180
Amount: 0.164093
Amount Units: ug/l



Manual Integration Results

RT: 7.84
Area: 12557
Amount: 0.209220
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:20:19 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

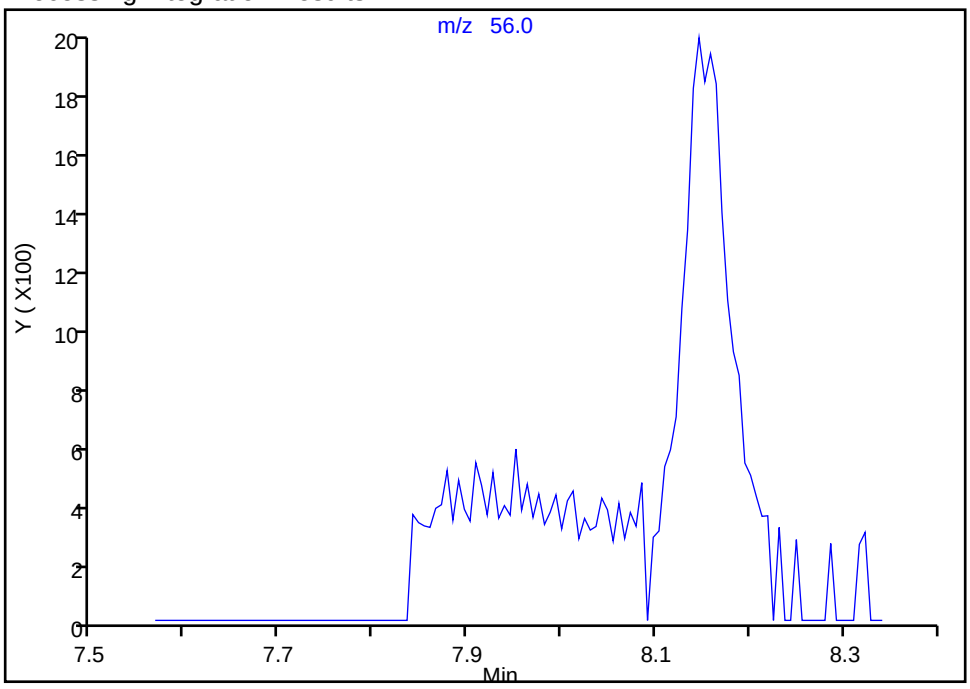
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D				
Injection Date:	09-Jul-2025 04:58:30	Instrument ID:	19094		
Lims ID:	IC std3 0.2				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

67 n-Butanol, CAS: 71-36-3

Signal: 1

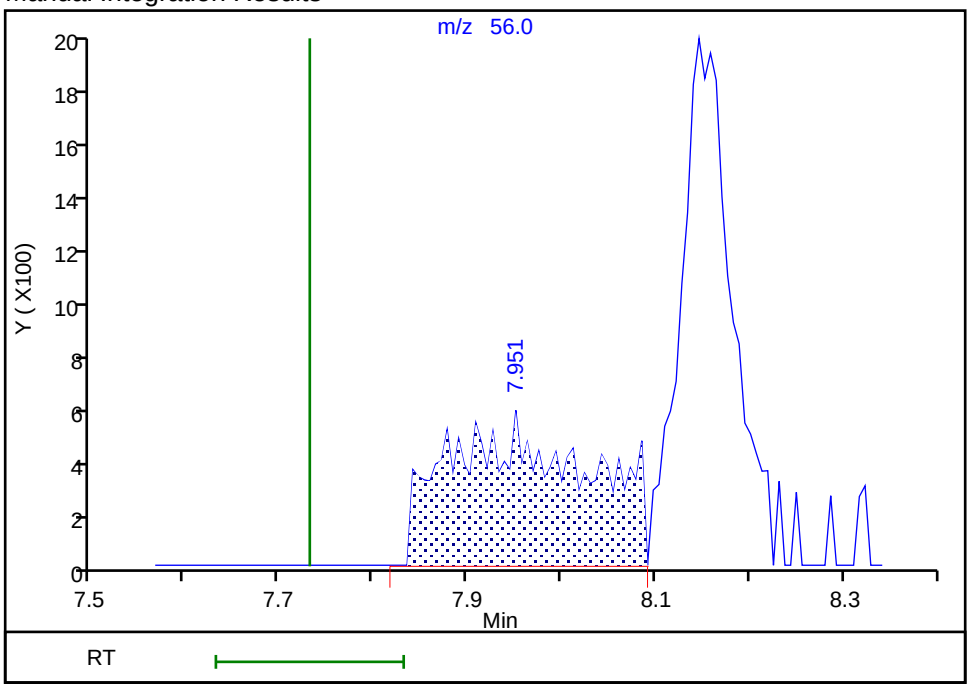
Not Detected
Expected RT: 7.73

Processing Integration Results



Manual Integration Results

RT: 7.95
Area: 5674
Amount: 45.357048
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:20:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

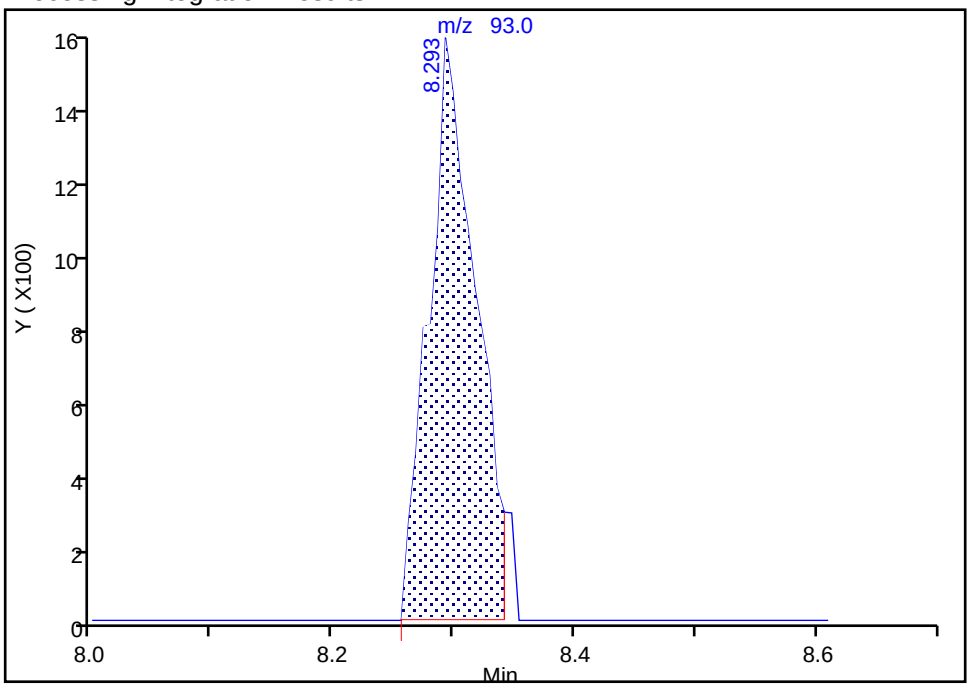
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

74 Dibromomethane, CAS: 74-95-3

Signal: 1

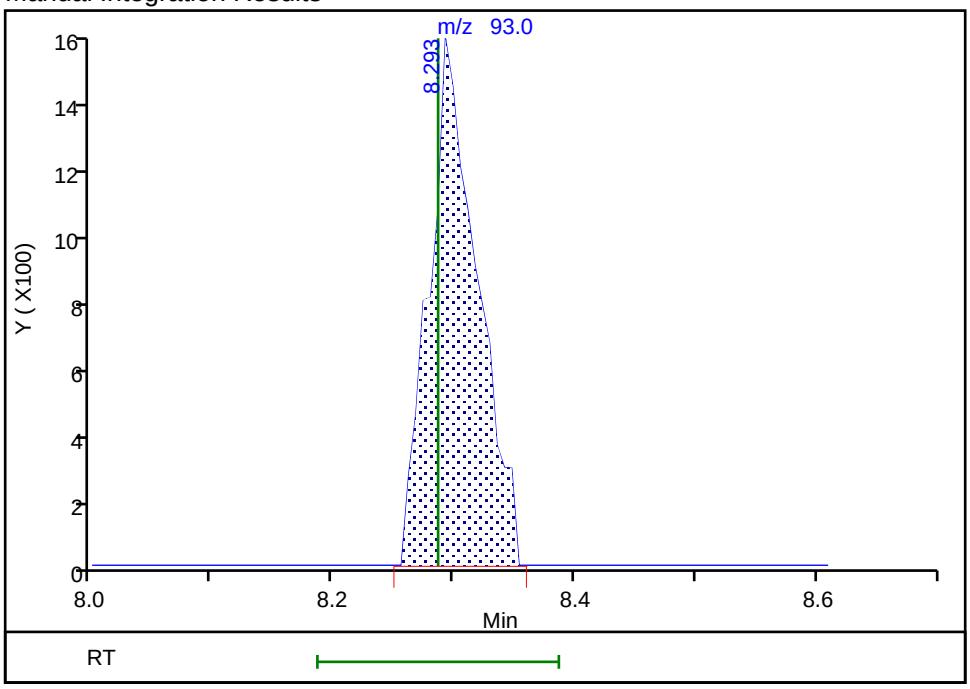
Processing Integration Results

RT: 8.29
Area: 4165
Amount: 0.215238
Amount Units: ug/l



Manual Integration Results

RT: 8.29
Area: 4269
Amount: 0.209178
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:20:52 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

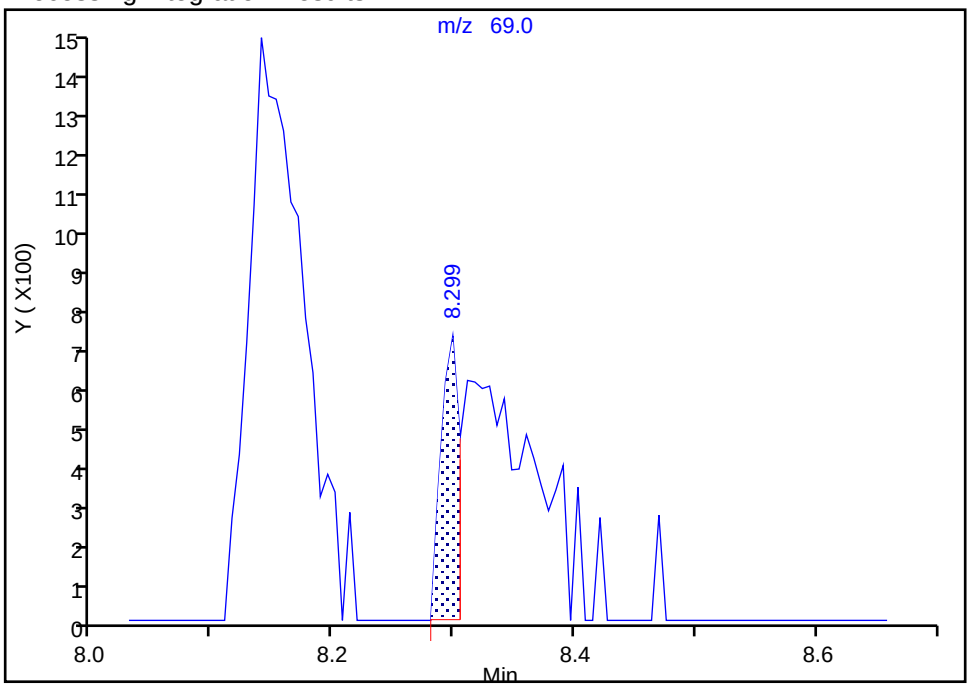
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D				
Injection Date:	09-Jul-2025 04:58:30	Instrument ID:	19094		
Lims ID:	IC std3 0.2				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

72 Methyl methacrylate, CAS: 80-62-6

Signal: 1

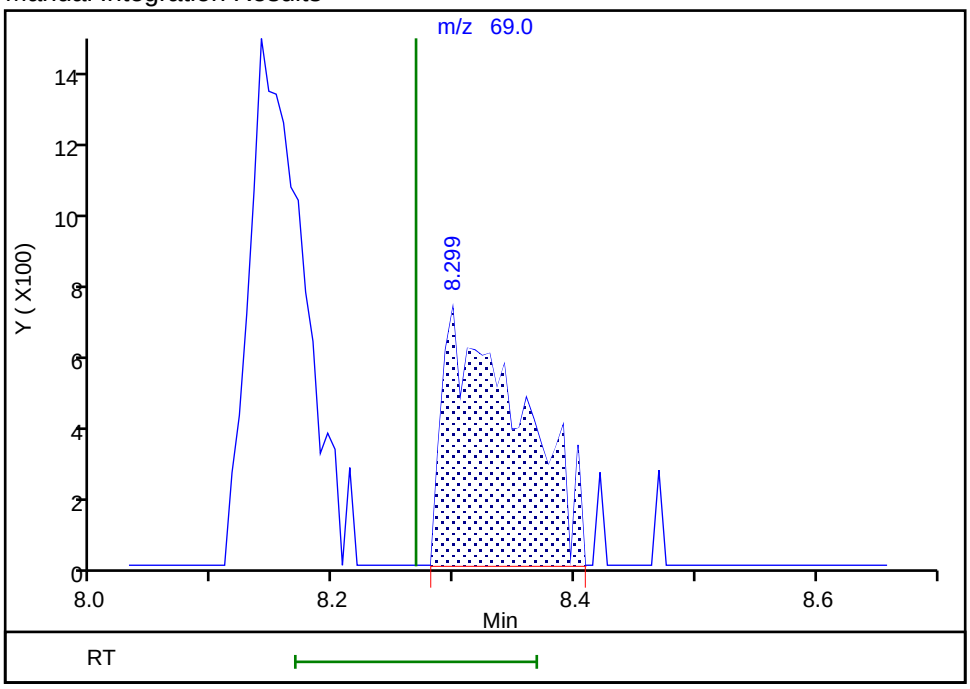
Processing Integration Results

RT: 8.30
Area: 757
Amount: 0.200420
Amount Units: ug/l



Manual Integration Results

RT: 8.30
Area: 3174
Amount: 0.152917
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:20:26 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

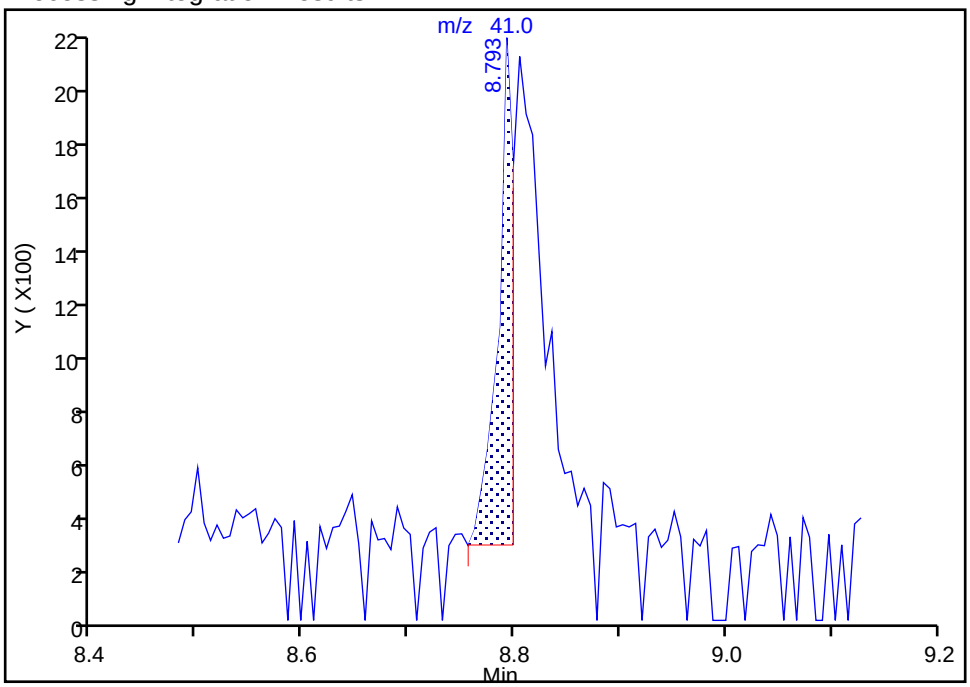
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D				
Injection Date:	09-Jul-2025 04:58:30	Instrument ID:	19094		
Lims ID:	IC std3 0.2				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Signal: 1

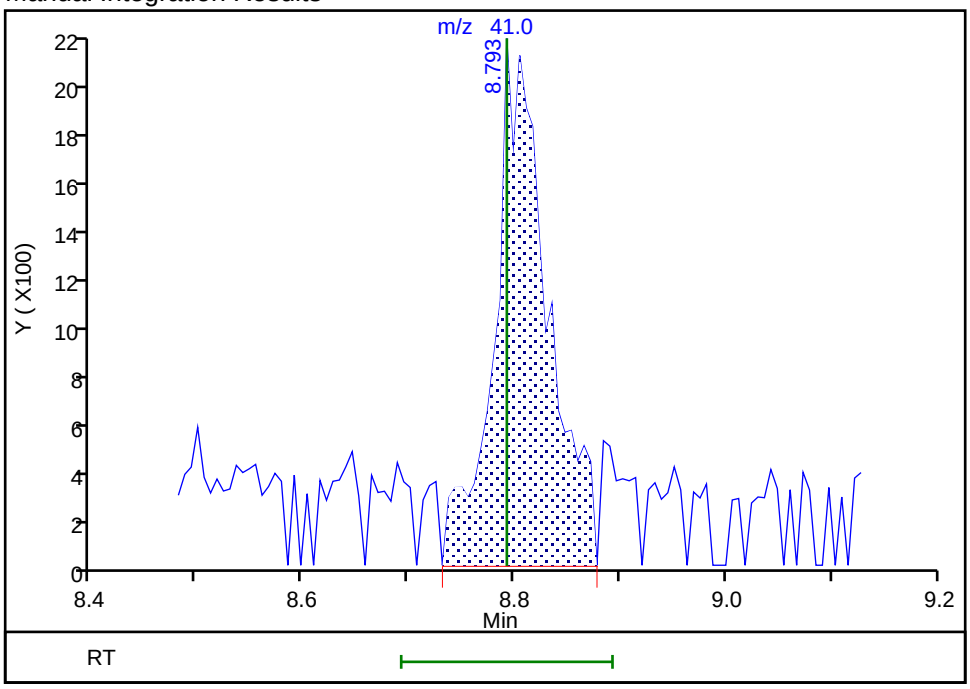
Processing Integration Results

RT: 8.79
Area: 1896
Amount: 0.237609
Amount Units: ug/l



Manual Integration Results

RT: 8.79
Area: 7390
Amount: 1.149051
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:20:58 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

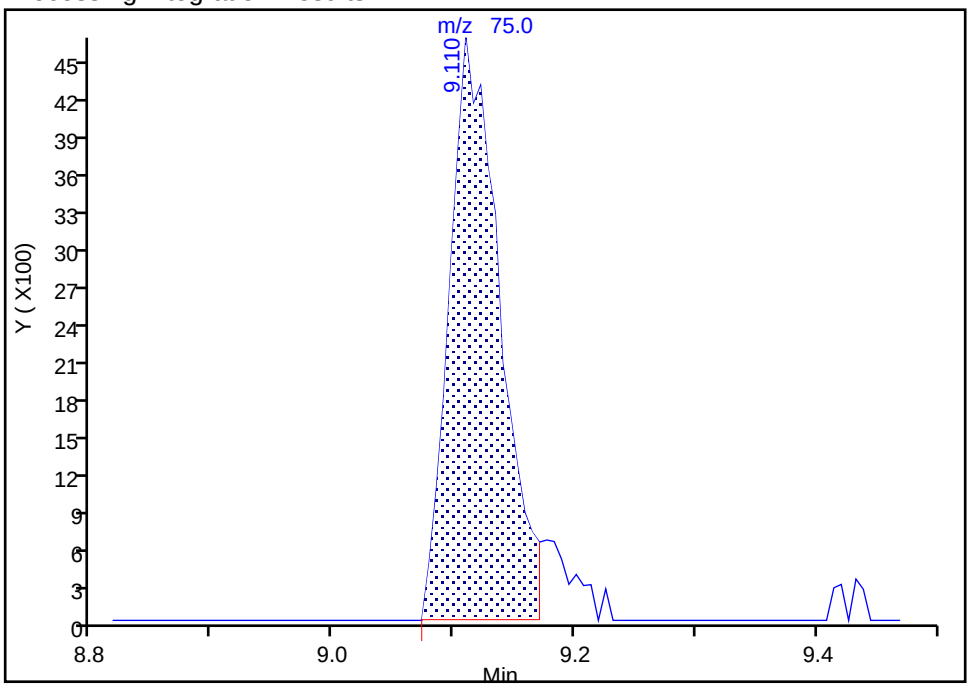
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D				
Injection Date:	09-Jul-2025 04:58:30	Instrument ID:	19094		
Lims ID:	IC std3 0.2				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

80 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

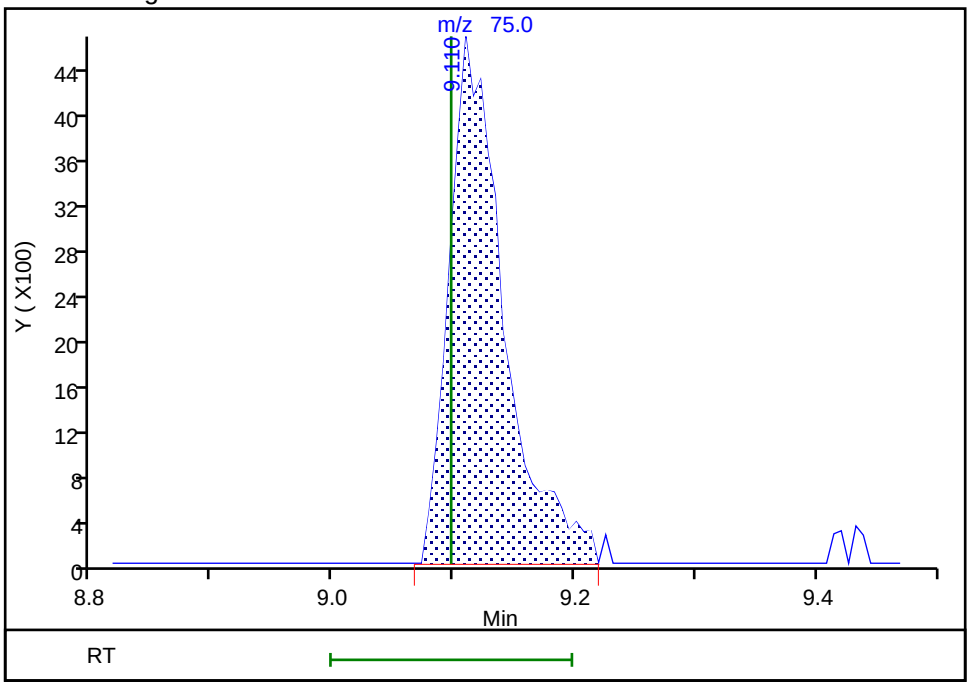
Processing Integration Results

RT: 9.11
Area: 13653
Amount: 0.164101
Amount Units: ug/l



Manual Integration Results

RT: 9.11
Area: 14751
Amount: 0.196136
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:21:03 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

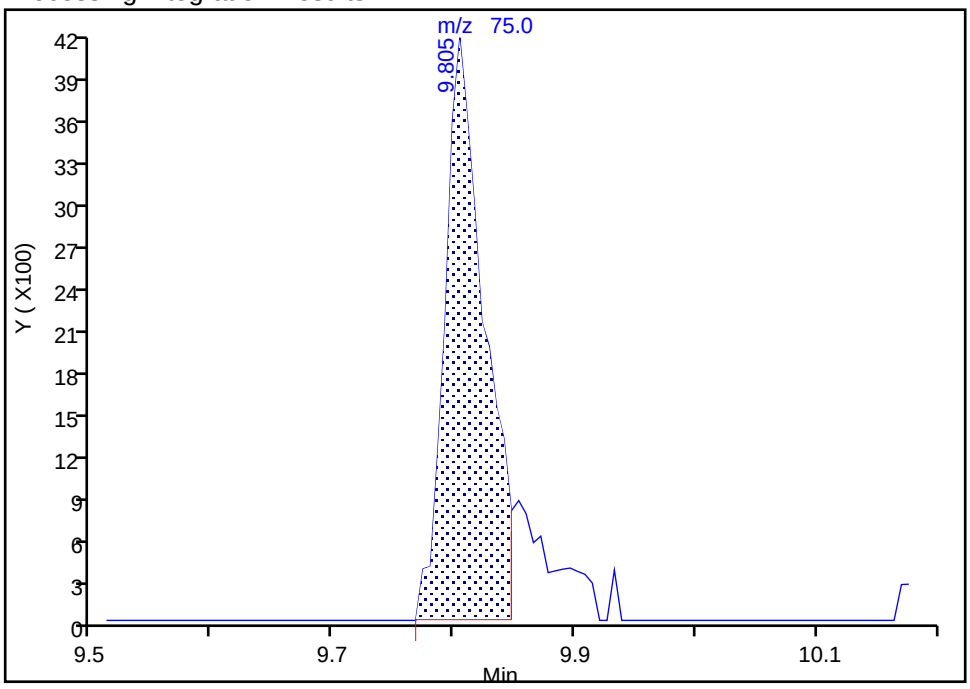
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D
Injection Date: 09-Jul-2025 04:58:30 Instrument ID: 19094
Lims ID: IC std3 0.2
Client ID:
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

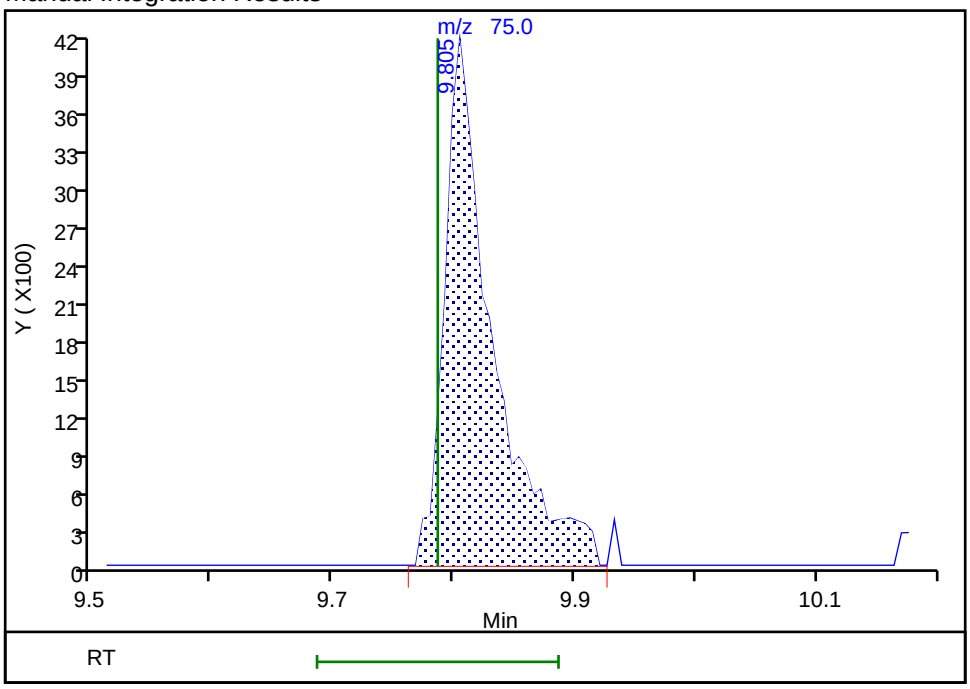
Processing Integration Results

RT: 9.80
Area: 9617
Amount: 0.171241
Amount Units: ug/l



Manual Integration Results

RT: 9.80
Area: 11519
Amount: 0.200856
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:21:14 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

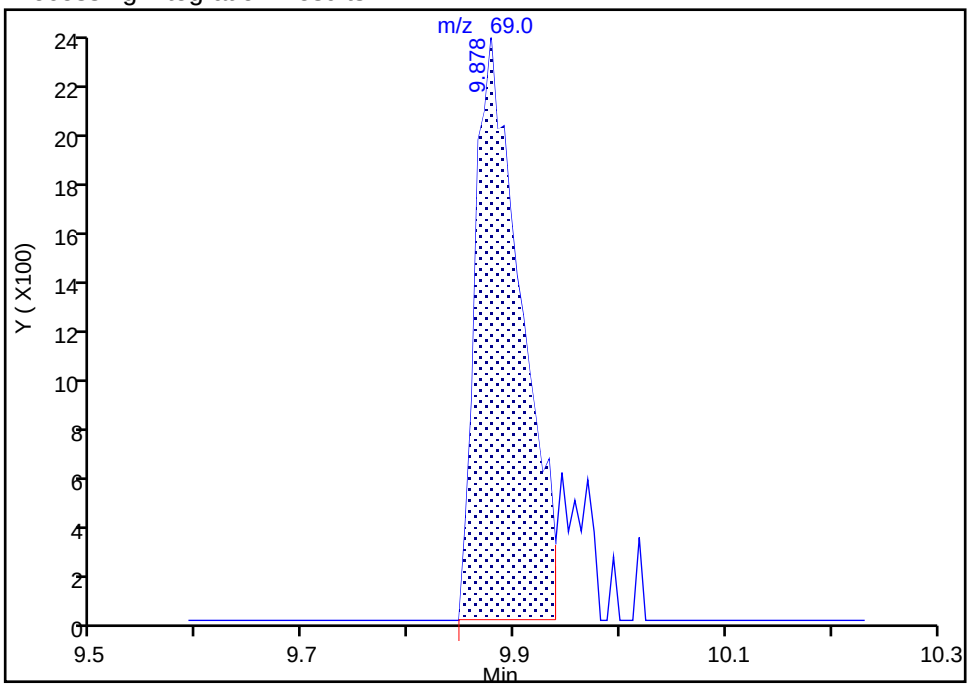
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D				
Injection Date:	09-Jul-2025 04:58:30	Instrument ID:	19094		
Lims ID:	IC std3 0.2				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

104 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

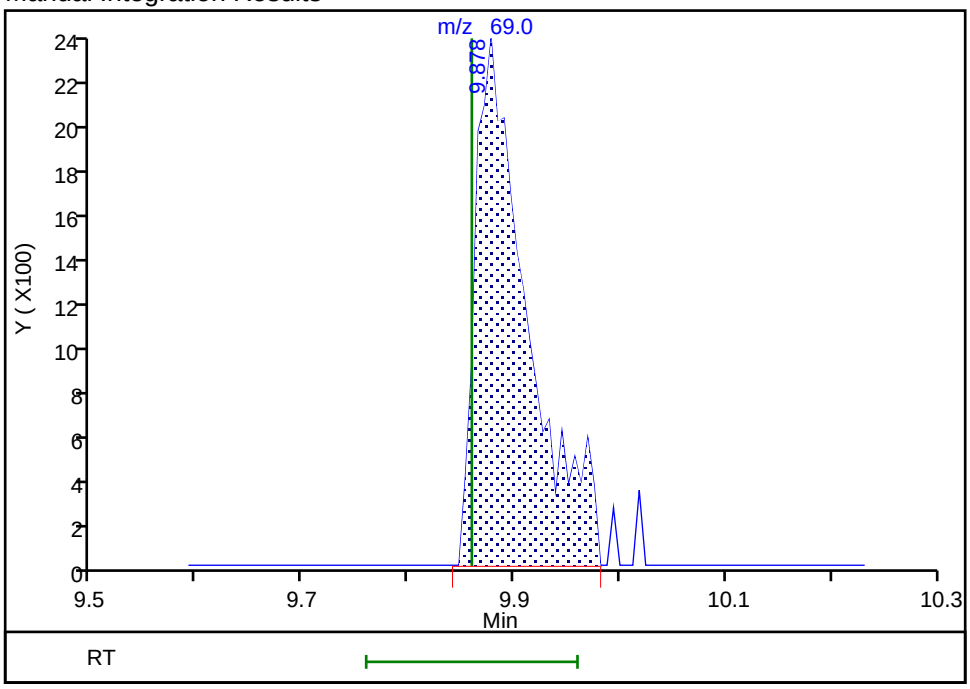
Processing Integration Results

RT: 9.88
Area: 7109
Amount: 0.178118
Amount Units: ug/l



Manual Integration Results

RT: 9.88
Area: 8114
Amount: 0.200149
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:21:19 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

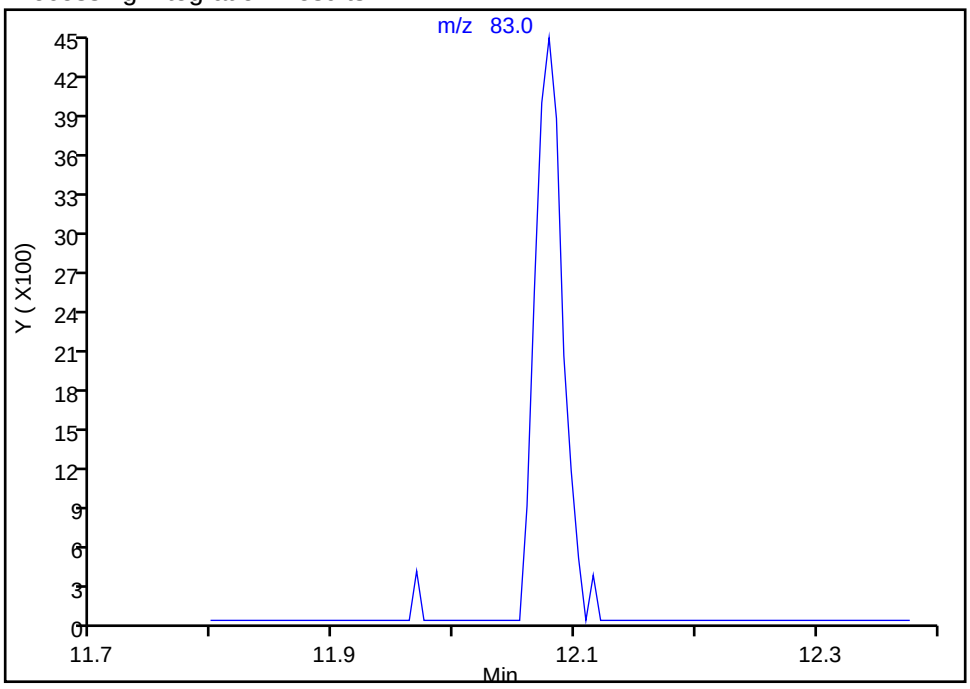
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X14.D				
Injection Date:	09-Jul-2025 04:58:30	Instrument ID:	19094		
Lims ID:	IC std3 0.2				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Signal: 1

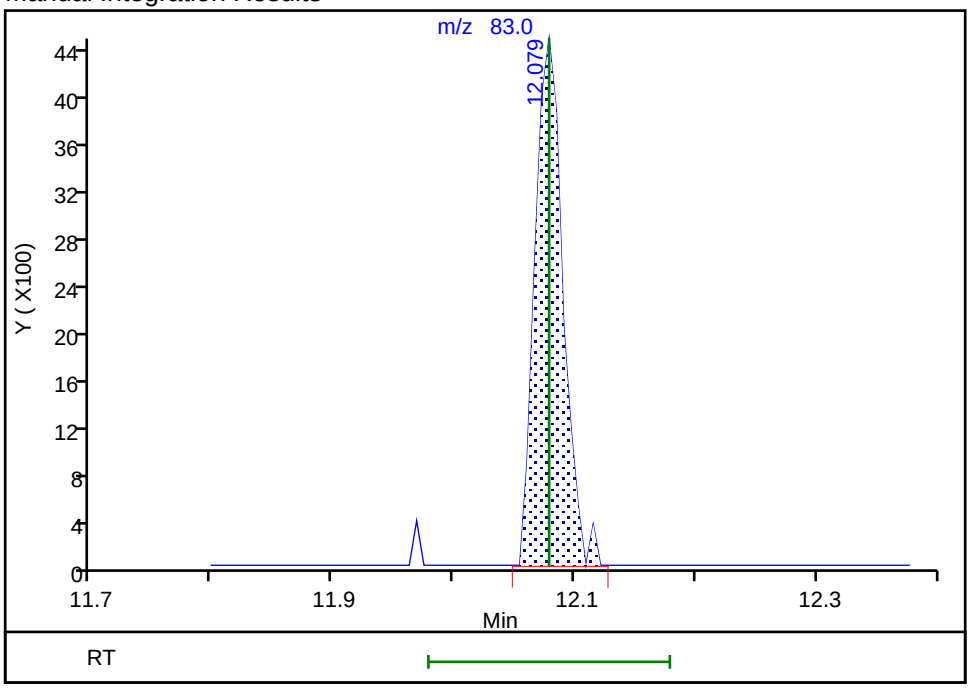
Not Detected
Expected RT: 12.08

Processing Integration Results



Manual Integration Results

RT: 12.08
Area: 7205
Amount: 0.196671
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:21:40 -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\20250709-152824.b\HL08X15.D
Lims ID: IC std4 0.5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 09-Jul-2025 05:18:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152824-016
Misc. Info.: IC STD4 0.5
Operator ID: gaw91131 Instrument ID: 19094
Sublist: chrom-MSV_19094_25mL*sub1

Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 16-Jul-2025 16:05:09 Calib Date: 09-Jul-2025 07:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1623

First Level Reviewer: JS6E Date: 11-Jul-2025 01:24:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.825	1.831	-0.007	98	33444	0.5000	0.5542	
5 Chloromethane	50	2.020	2.013	0.007	99	41386	0.5000	0.5192	
7 Butadiene	39	2.105	2.105	0.000	92	45900	0.5000	0.5991	
6 Vinyl chloride	62	2.123	2.123	0.000	98	39531	0.5000	0.5485	
9 Bromomethane	94	2.398	2.391	0.007	90	26674	0.5000	0.5211	M
10 Chloroethane	64	2.477	2.477	0.000	100	24216	0.5000	0.5351	
11 Dichlorofluoromethane	67	2.690	2.690	0.000	97	64284	0.5000	0.5309	
12 Trichlorofluoromethane	101	2.794	2.788	0.006	55	49879	0.5000	0.5335	
14 Ethyl ether	59	2.977	2.971	0.006	91	16510	0.5002	0.5205	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.044	3.050	-0.006	93	37083	0.5000	0.5319	
16 Acrolein	56	3.147	3.117	0.030	100	96203	24.4	23.0	
17 1,1-Dichloroethene	96	3.251	3.251	0.000	97	21810	0.5000	0.4618	
19 Acetone	43	3.312	3.275	0.037	50	25870	5.00	5.04	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.294	3.294	0.000	92	22840	0.5000	0.4928	
21 Iodomethane	142	3.434	3.434	0.000	99	42979	0.5000	0.4746	
22 Ethyl bromide	108	3.464	3.458	0.006	97	21619	0.4995	0.5417	
23 Carbon disulfide	76	3.538	3.531	0.007	99	67533	0.5000	0.4663	
24 Methyl acetate	43	3.696	3.660	0.036	22	5896	0.5000	0.4803	M
26 3-Chloro-1-propene	41	3.696	3.684	0.012	92	40231	0.5000	0.4314	
27 Methylene Chloride	84	3.855	3.855	0.000	93	23348	0.5000	0.4713	
* 28 t-Butyl alcohol-d10 (IS)	65	3.861	3.891	-0.030	79	72295	50.0	50.0	
29 2-Methyl-2-propanol	59	3.977	3.995	-0.018	43	15135	10.0	9.62	M
31 Acrylonitrile	53	4.336	4.184	0.152	1	1924	1.25	0.7530	M
32 Methyl tert-butyl ether	73	4.214	4.214	0.000	81	50040	0.5000	0.4609	
33 trans-1,2-Dichloroethene	96	4.257	4.239	0.018	97	24928	0.5000	0.4764	
34 Hexane	57	4.653	4.659	-0.006	93	36866	0.5000	0.4643	
36 1,1-Dichloroethane	63	4.897	4.891	0.006	96	47580	0.5000	0.4706	
37 Isopropyl ether	45	4.946	4.952	-0.006	95	79012	0.5000	0.4629	
38 2-Chloro-1,3-butadiene	53	5.019	5.001	0.018	92	40301	0.5000	0.4607	
40 Tert-butyl ethyl ether	59	5.501	5.495	0.007	98	70319	0.5000	0.4751	

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	5.757	5.690	0.067	38	41063	5.00	4.67	M
42 cis-1,2-Dichloroethene	96	5.751	5.732	0.019	84	26237	0.5000	0.4608	
43 2,2-Dichloropropane	77	5.744	5.744	0.000	70	40962	0.5000	0.4633	
44 Propionitrile	54	6.013	5.775	0.238	33	16007	10.0	7.30	M
47 Methacrylonitrile	67	6.019	5.988	0.031	90	40734	5.00	4.60	
48 Chlorobromomethane	128	6.080	6.068	0.012	95	10286	0.5000	0.4775	
49 Tetrahydrofuran	71	6.092	6.080	0.012	61	5318	2.50	2.15	
S 46 1,2-Dichloroethene, Total	100				0			0.9373	
50 Chloroform	83	6.226	6.226	0.000	93	43528	0.5000	0.4635	
$ 52 Dibromofluoromethane (Surr)	113	6.446	6.446	0.000	93	429583	10.0	9.95	
53 1,1,1-Trichloroethane	97	6.458	6.458	0.000	39	41202	0.5000	0.4692	
54 Cyclohexane	56	6.567	6.561	0.006	91	47946	0.5000	0.4443	
56 Carbon tetrachloride	117	6.671	6.677	-0.006	91	33826	0.5000	0.4560	
55 1,1-Dichloropropene	75	6.677	6.677	0.000	95	38060	0.5000	0.4696	
57 Isobutyl alcohol	41	6.860	6.824	0.036	90	16101	25.0	26.2	M
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.897	0.006	79	79218	10.0	10.1	
59 Benzene	78	6.939	6.939	0.000	93	101760	0.5000	0.4415	
60 1,2-Dichloroethane	62	7.019	7.006	0.013	96	24134	0.5000	0.4663	
63 Tert-amyl methyl ether	73	7.134	7.141	-0.007	98	57087	0.5000	0.4458	
* 64 Fluorobenzene (IS)	96	7.348	7.354	-0.006	98	1860146	10.0	10.0	
65 n-Heptane	43	7.372	7.372	0.000	92	35600	0.5000	0.4240	
67 n-Butanol	56	7.836	7.732	0.104	22	12166	43.8	58.6	Ma
68 Trichloroethene	95	7.848	7.842	0.006	97	27316	0.5000	0.4526	
69 Methylcyclohexane	83	8.159	8.159	0.000	94	47579	0.5000	0.4529	
70 1,2-Dichloropropane	63	8.177	8.177	0.000	93	26586	0.5000	0.4799	
71 2-ethoxy-2-methyl butane	87	8.195	8.195	0.000	92	38740	0.5000	0.4622	
72 Methyl methacrylate	69	8.299	8.268	0.031	72	7905	0.5000	0.4381	M
73 1,4-Dioxane	88	8.335	8.287	0.048	28	375	25.0	27.3	
74 Dibromomethane	93	8.293	8.287	0.006	94	10103	0.5000	0.4923	M
76 Dichlorobromomethane	83	8.531	8.531	0.000	98	28240	0.5000	0.4570	
77 2-Nitropropane	41	8.799	8.793	0.006	97	12288	2.50	2.20	
79 1-Bromo-2-chloroethane	63	8.939	8.927	0.012	97	25080	0.5000	0.5073	M
80 cis-1,3-Dichloropropene	75	9.110	9.097	0.013	95	34260	0.5000	0.4530	
82 4-Methyl-2-pentanone (MIBK)	43	9.286	9.280	0.006	98	116055	5.00	4.63	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1861945	10.0	10.0	
84 Toluene	92	9.512	9.506	0.006	98	65671	0.5000	0.4552	
85 trans-1,3-Dichloropropene	75	9.799	9.786	0.013	93	24503	0.5000	0.4288	
104 Ethyl methacrylate	69	9.872	9.860	0.012	89	17938	0.5000	0.4441	
106 1,1,2-Trichloroethane	97	10.000	10.000	0.000	91	14835	0.5000	0.4632	M
S 105 1,3-Dichloropropene, Total	100				0			0.8818	
107 Tetrachloroethene	166	10.091	10.091	0.000	98	31216	0.5000	0.4581	
108 1,3-Dichloropropane	76	10.170	10.164	0.006	90	25777	0.5000	0.4625	
109 2-Hexanone	43	10.237	10.219	0.018	96	65862	5.00	4.11	
111 Chlorodibromomethane	129	10.390	10.390	0.000	90	18274	0.5000	0.4619	
112 Ethylene Dibromide	107	10.512	10.500	0.012	98	13209	0.5000	0.4752	M
* 113 Chlorobenzene-d5 (IS)	117	10.945	10.951	-0.006	87	1338143	10.0	10.0	
114 1-Chlorohexane	91	10.969	10.963	0.006	97	40837	0.5000	0.4496	
115 Chlorobenzene	112	10.975	10.975	0.000	97	70237	0.5000	0.4602	
116 1,1,1,2-Tetrachloroethane	131	11.061	11.060	0.000	94	23870	0.5000	0.4751	
117 Ethylbenzene	91	11.073	11.067	0.006	98	131172	0.5000	0.4607	
119 m-Xylene & p-Xylene	106	11.189	11.189	0.000	100	99969	1.00	0.9236	
S 118 Xylenes, Total	106				0			1.38	

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	11.524	11.518	0.006	97	47027	0.5000	0.4585	
121 Styrene	104	11.542	11.536	0.006	95	72995	0.5000	0.4433	
122 Bromoform	173	11.701	11.695	0.006	97	9558	0.5000	0.4673	
123 Isopropylbenzene	105	11.829	11.829	0.000	96	114730	0.5000	0.4576	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	90	680449	10.0	10.1	
127 1,1,2,2-Tetrachloroethane	83	12.079	12.079	0.000	92	17617	0.5000	0.4787	
128 Bromobenzene	156	12.091	12.091	0.000	94	27678	0.5000	0.4633	
129 trans-1,4-Dichloro-2-butene	53	12.109	12.103	0.006	95	44577	5.00	4.81	
130 1,2,3-Trichloropropane	110	12.127	12.121	0.006	76	4374	0.5000	0.4741	
131 N-Propylbenzene	91	12.164	12.164	0.000	99	151451	0.5000	0.4558	
132 2-Chlorotoluene	126	12.237	12.237	0.000	96	28630	0.5000	0.4513	
133 1,3,5-Trimethylbenzene	105	12.304	12.304	0.000	94	104912	0.5000	0.4511	
134 4-Chlorotoluene	126	12.335	12.329	0.006	98	30138	0.5000	0.4716	
135 tert-Butylbenzene	134	12.548	12.542	0.006	93	23903	0.5000	0.4656	
136 Pentachloroethane	167	12.579	12.572	0.006	79	17133	0.5000	0.5064	
137 1,2,4-Trimethylbenzene	105	12.591	12.585	0.006	97	105302	0.5000	0.4461	
138 sec-Butylbenzene	105	12.713	12.707	0.006	94	135188	0.5000	0.4511	
139 1,3-Dichlorobenzene	146	12.810	12.804	0.006	97	53587	0.5000	0.4484	
140 4-Isopropyltoluene	119	12.822	12.822	0.000	97	115129	0.5000	0.4483	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	746831	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.883	12.883	0.000	96	55773	0.5000	0.4531	
143 1,2,3-Trimethylbenzene	120	12.896	12.889	0.007	96	45642	0.5000	0.4586	
144 Benzyl chloride	126	12.963	12.956	0.007	99	6418	0.5000	0.4423	
145 p-Diethylbenzene	119	13.097	13.097	0.000	94	67890	0.5000	0.4511	
146 n-Butylbenzene	92	13.115	13.115	0.000	96	52968	0.5000	0.4376	
147 1,2-Dichlorobenzene	146	13.145	13.139	0.006	98	47281	0.5000	0.4536	
149 1,2-Dibromo-3-Chloropropane	155	13.688	13.688	0.000	85	2053	0.5000	0.4203	
150 1,3,5-Trichlorobenzene	180	13.816	13.816	0.000	97	39280	0.5000	0.4476	
151 1,2,4-Trichlorobenzene	180	14.243	14.237	0.006	94	30990	0.5000	0.4411	
152 Hexachlorobutadiene	225	14.322	14.322	0.000	96	15207	0.5000	0.4379	
153 Naphthalene	128	14.420	14.414	0.006	97	49166	0.5000	0.4278	
154 1,2,3-Trichlorobenzene	180	14.560	14.560	0.000	95	25762	0.5000	0.4464	
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_LL_#1_826_00171	Amount Added:	2.00	Units: uL	
MSV_LL_GAS826_00279	Amount Added:	2.00	Units: uL	
MSV_LL_#2_826_00185	Amount Added:	2.00	Units: uL	
MSV_LLcentISS_00016	Amount Added:	5.00	Units: uL	Run Reagent

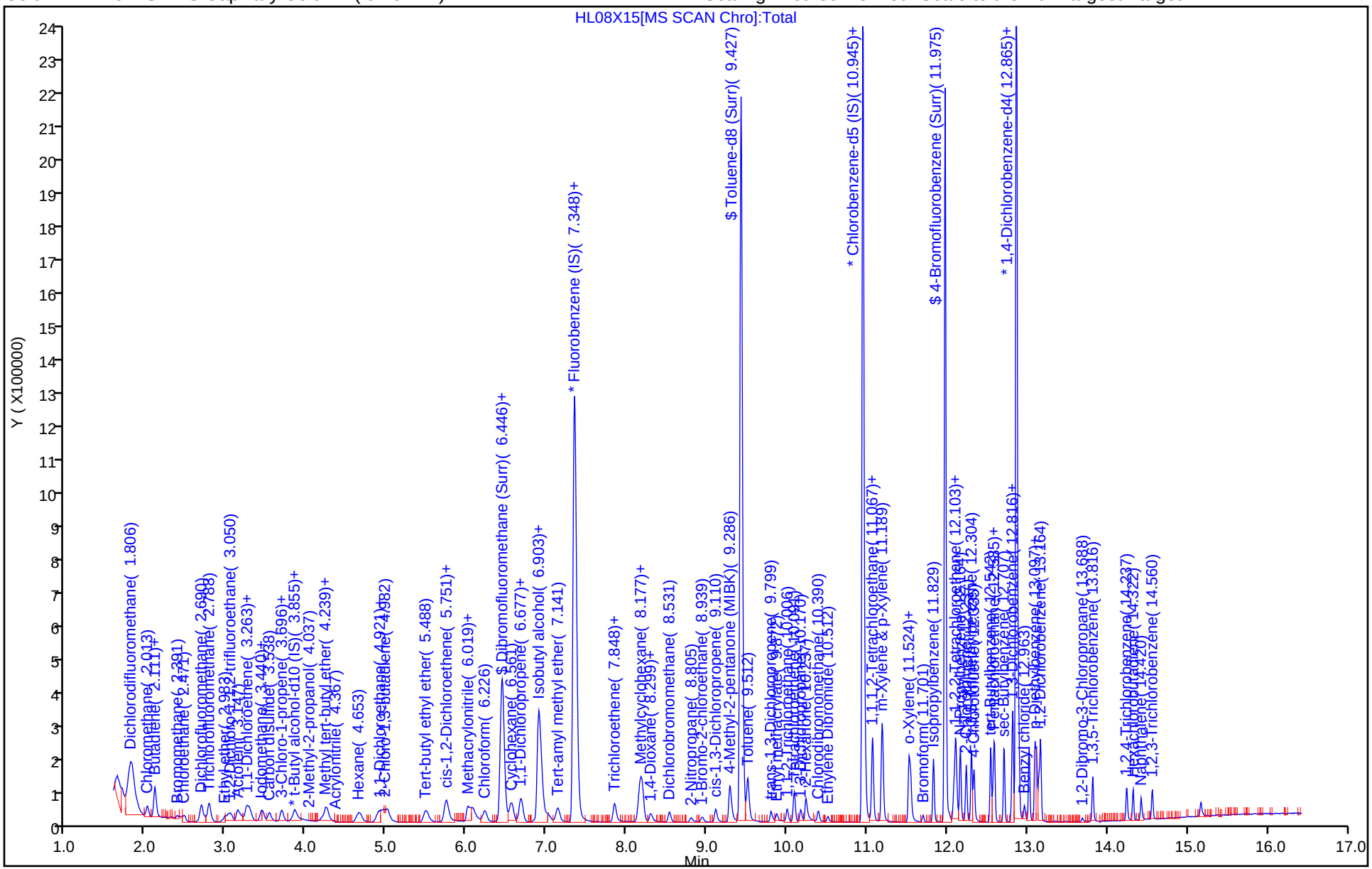
Report Date: 16-Jul-2025 16:05:10 Chrom Revision: 2.3 14-Jul-2025 13:55:14

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D

Injection Date:	09-Jul-2025 05:18:30	Instrument ID:	19094	Operator ID:	gaw91131
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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

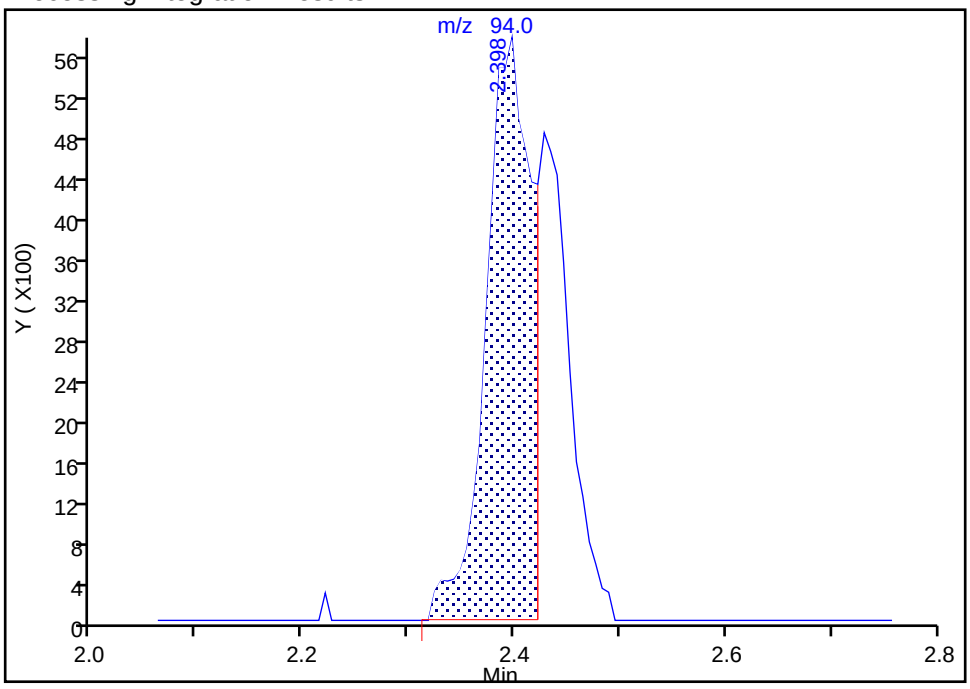
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

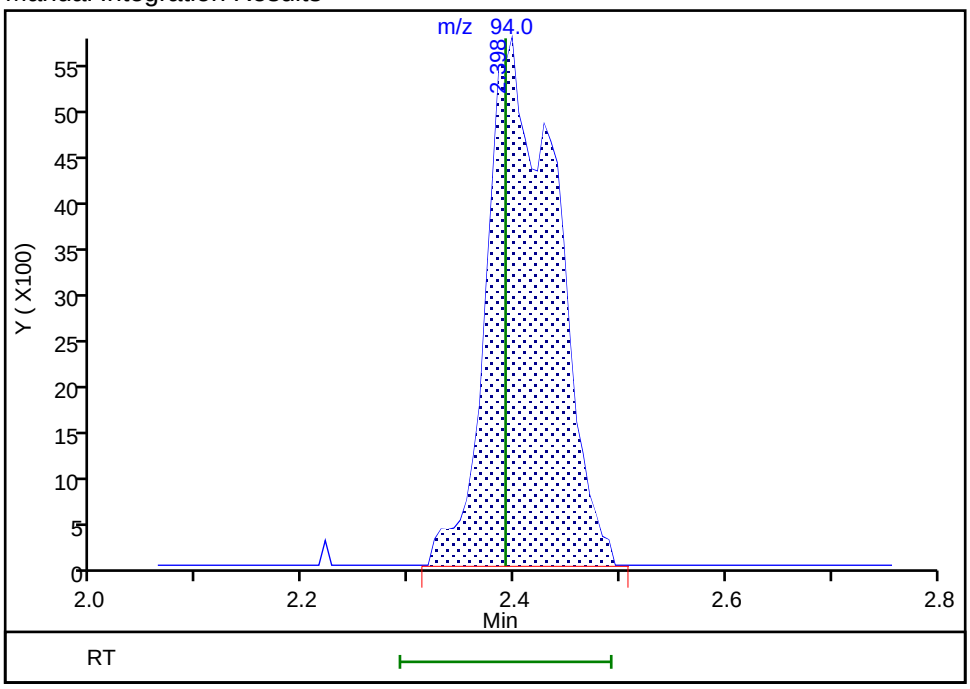
Processing Integration Results

RT: 2.40
Area: 17621
Amount: 0.325730
Amount Units: ug/l



Manual Integration Results

RT: 2.40
Area: 26674
Amount: 0.521080
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:22:43 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

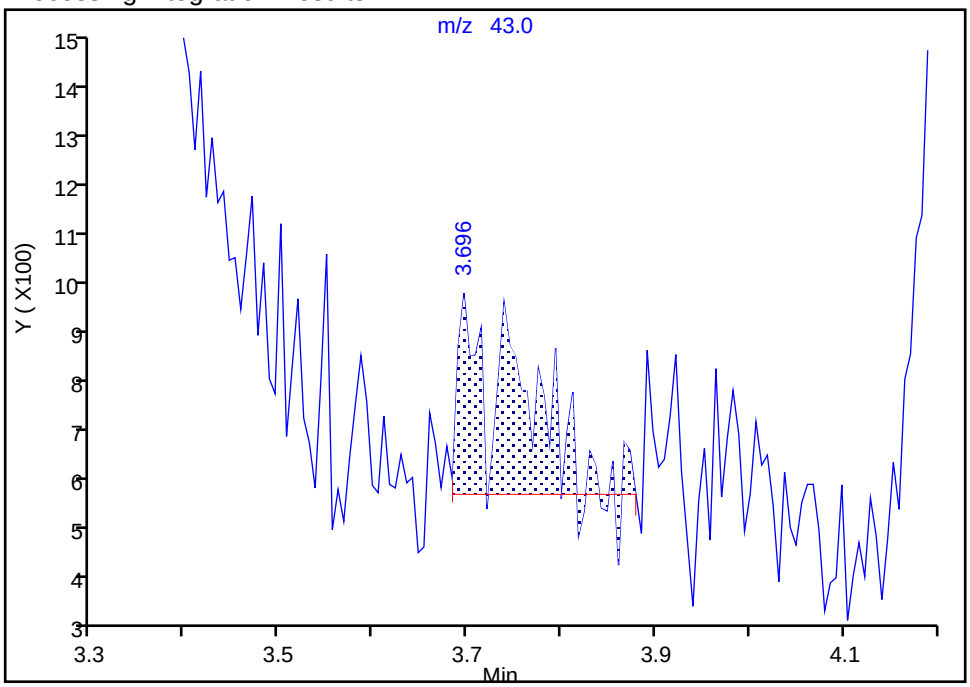
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D				
Injection Date:	09-Jul-2025 05:18:30	Instrument ID:	19094		
Lims ID:	IC std4 0.5				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

24 Methyl acetate, CAS: 79-20-9

Signal: 1

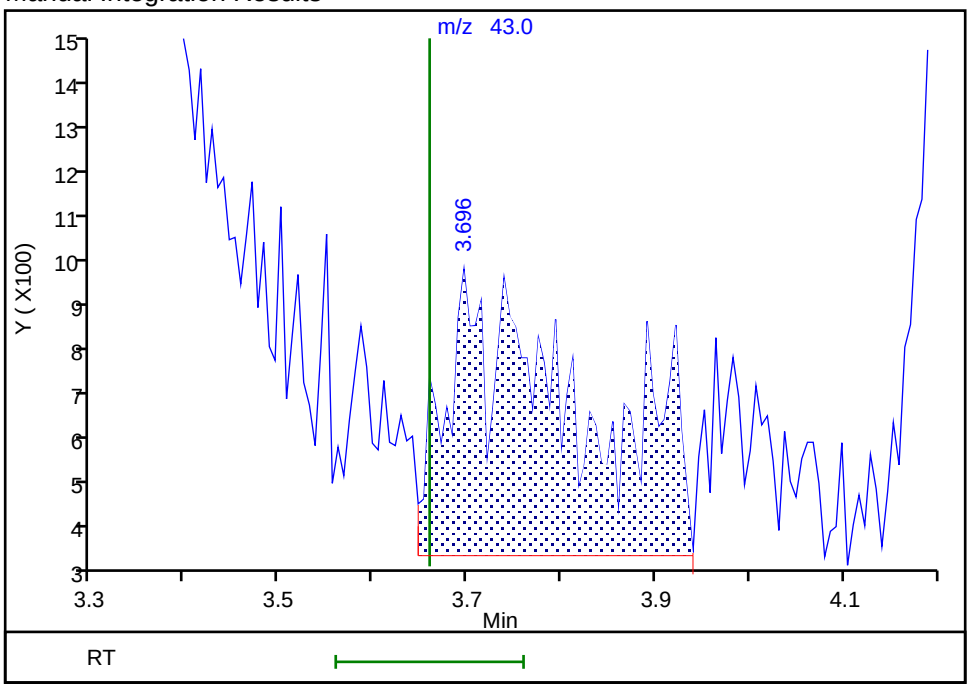
Processing Integration Results

RT: 3.70
Area: 1585
Amount: 0.101950
Amount Units: ug/l



Manual Integration Results

RT: 3.70
Area: 5896
Amount: 0.480286
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:22:58 -04:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

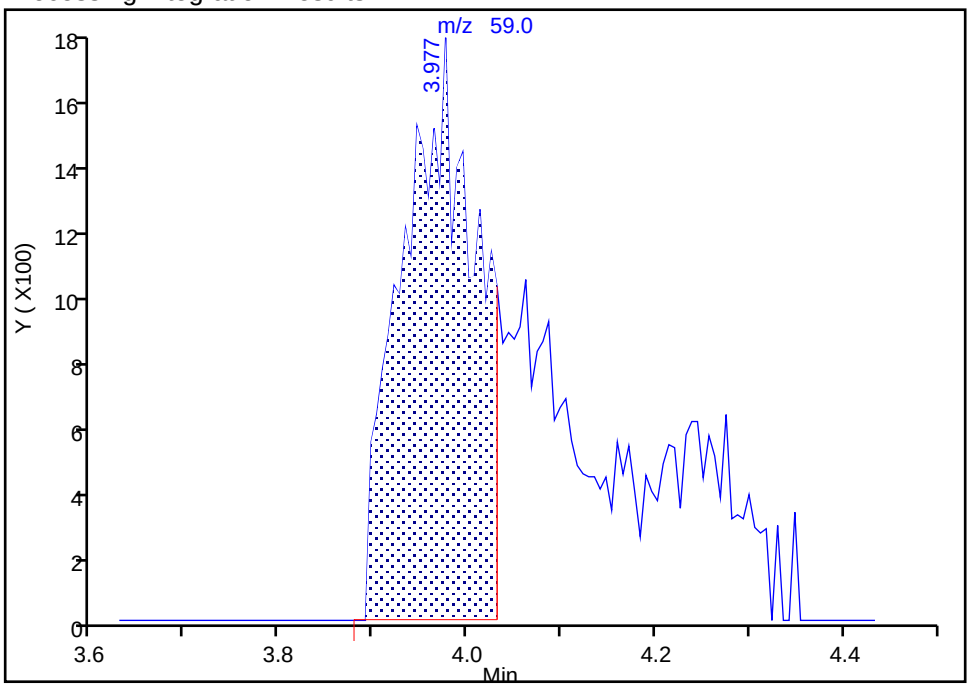
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

29 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

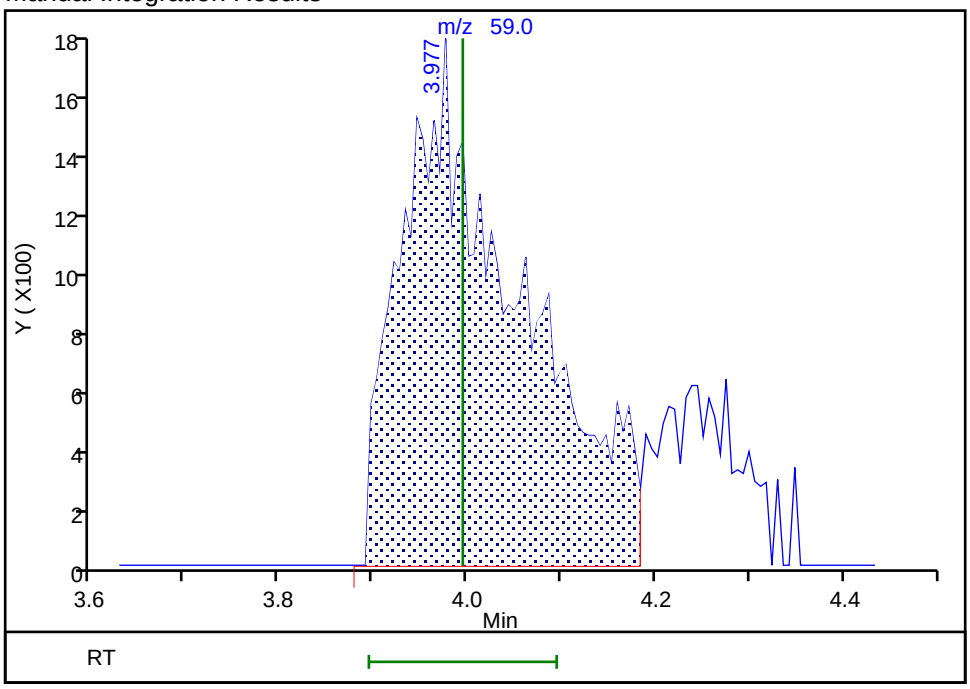
Processing Integration Results

RT: 3.98
Area: 9540
Amount: 6.390444
Amount Units: ug/l



Manual Integration Results

RT: 3.98
Area: 15135
Amount: 9.623073
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:23:25 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

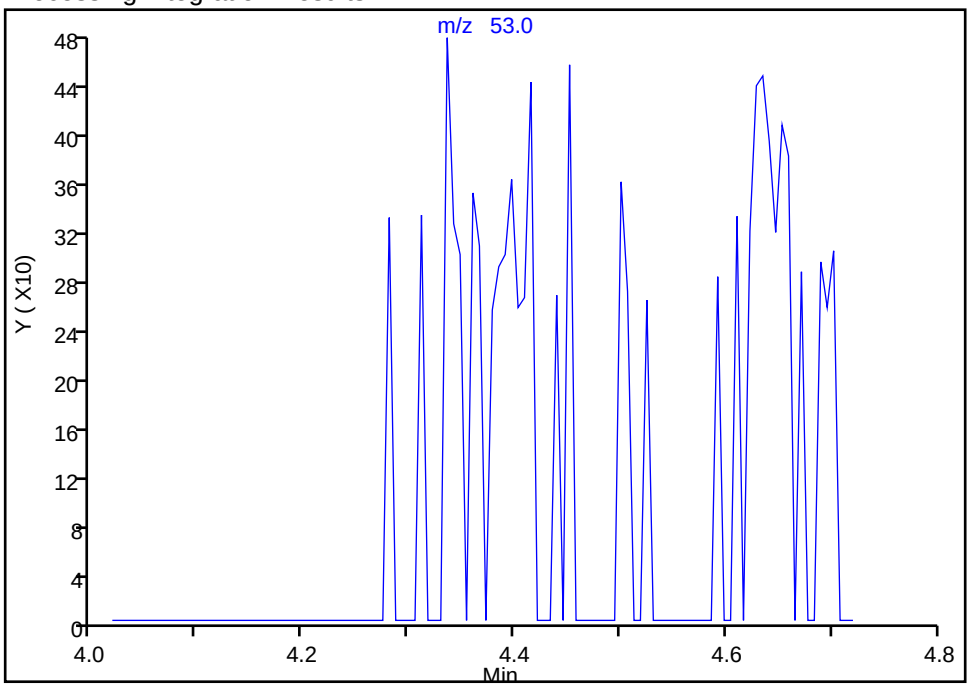
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25 mm) Detector MS Quad

31 Acrylonitrile, CAS: 107-13-1

Signal: 1

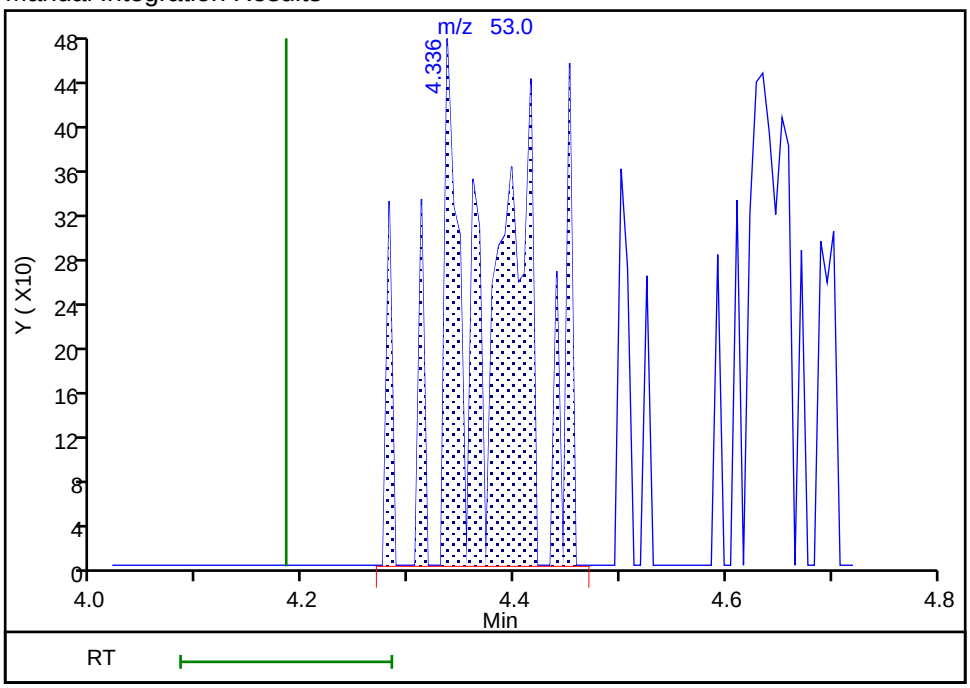
Not Detected
Expected RT: 4.18

Processing Integration Results



Manual Integration Results

RT: 4.34
Area: 1924
Amount: 0.753014
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:23:37 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

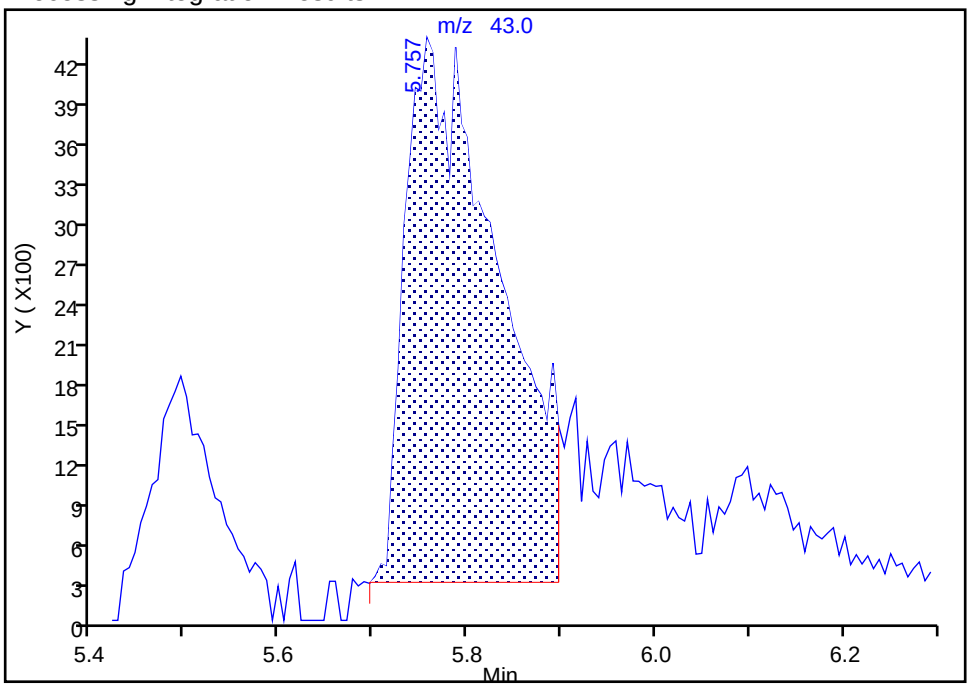
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D				
Injection Date:	09-Jul-2025 05:18:30	Instrument ID:	19094		
Lims ID:	IC std4 0.5				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

41 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

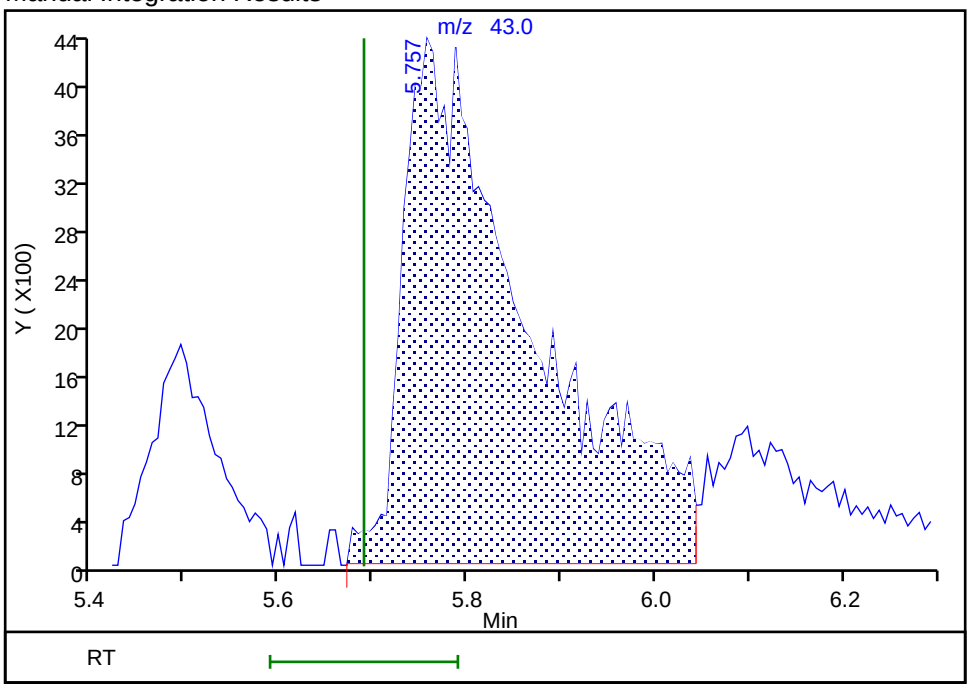
Processing Integration Results

RT: 5.76
Area: 28195
Amount: 3.907703
Amount Units: ug/l



Manual Integration Results

RT: 5.76
Area: 41063
Amount: 4.668654
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:24:07 -04:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

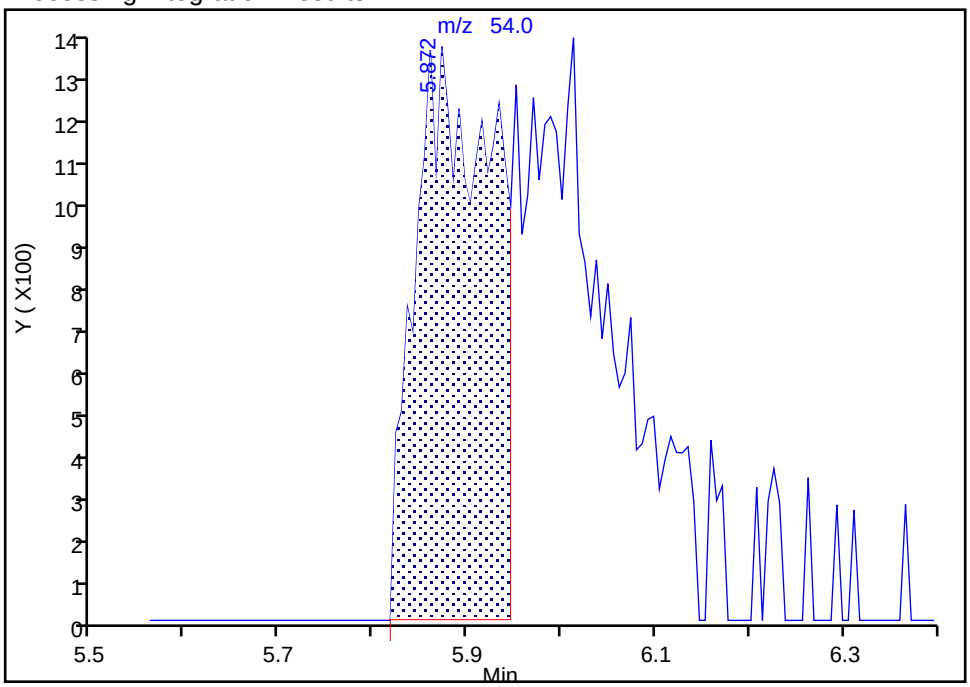
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25 mm) Detector MS Quad

44 Propionitrile, CAS: 107-12-0

Signal: 1

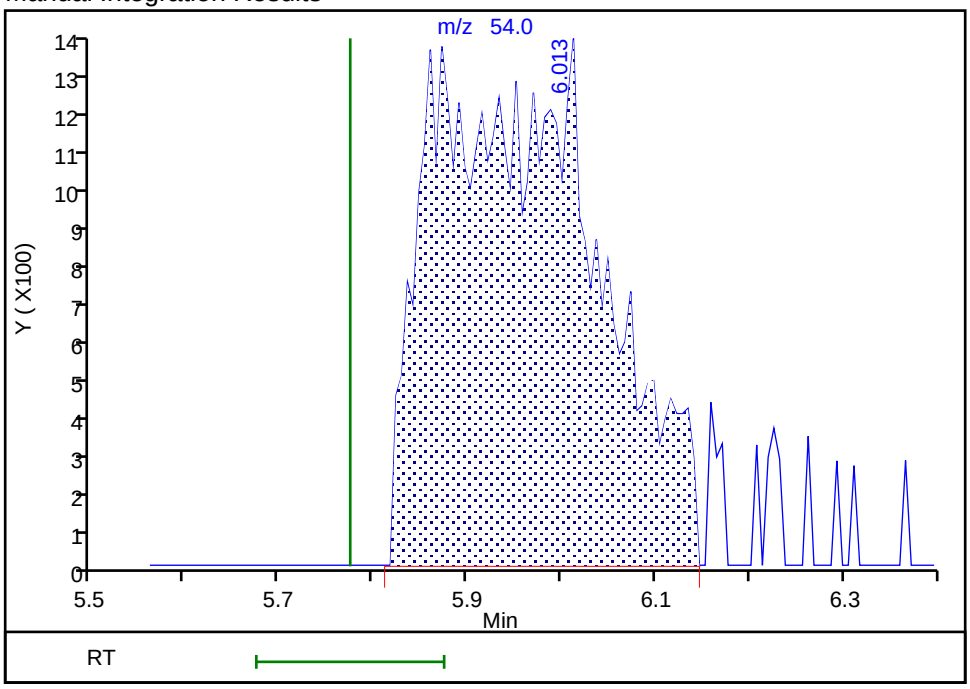
Processing Integration Results

RT: 5.87
Area: 7502
Amount: 4.424431
Amount Units: ug/l



Manual Integration Results

RT: 6.01
Area: 16007
Amount: 7.302044
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:24:42 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

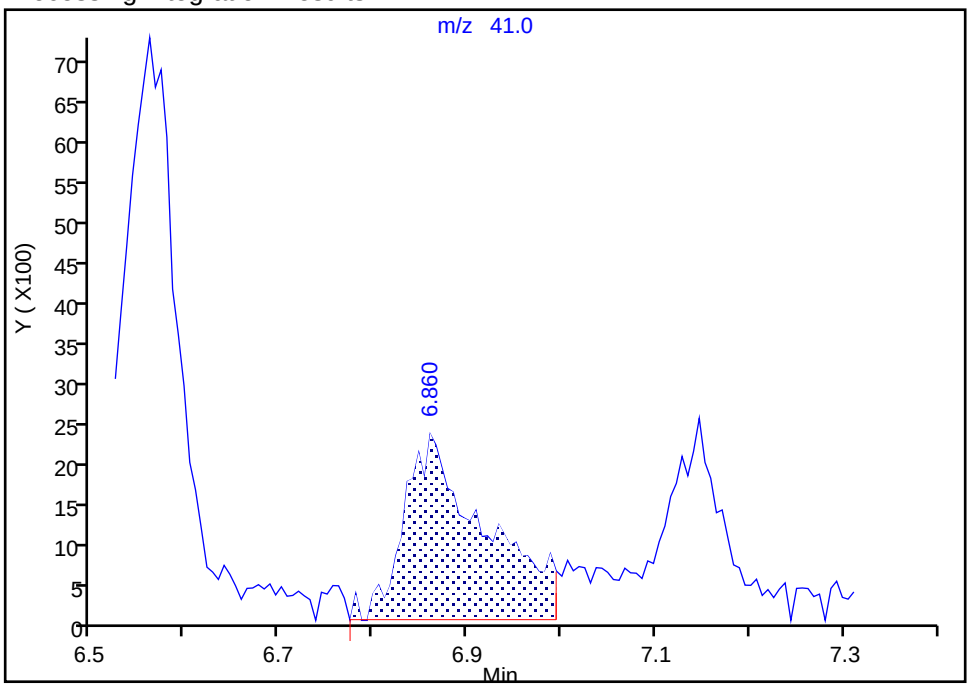
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

57 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

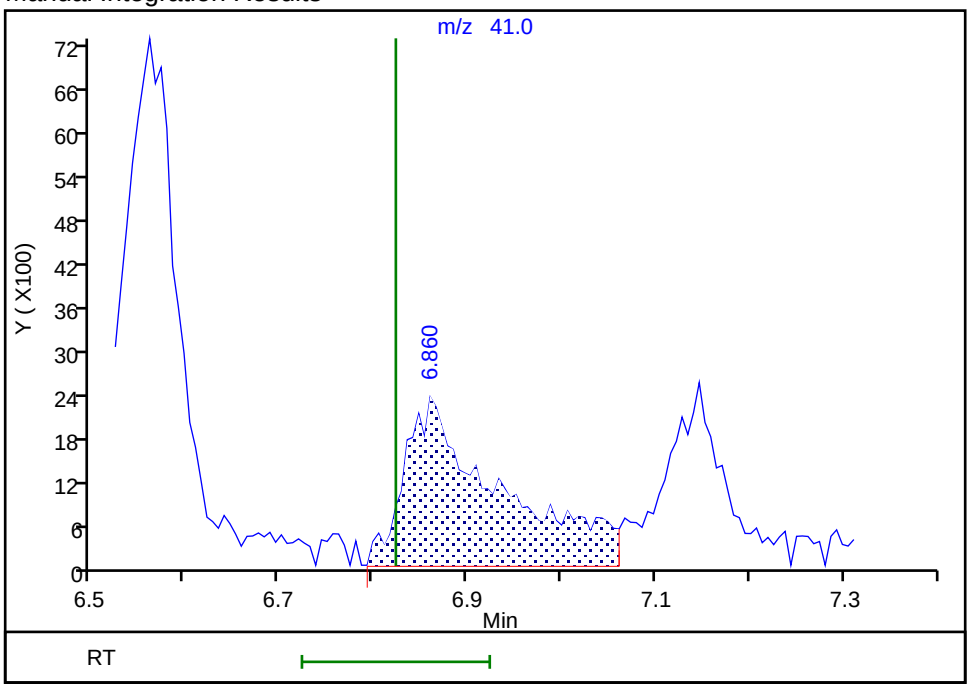
Processing Integration Results

RT: 6.86
Area: 13815
Amount: 21.053968
Amount Units: ug/l



Manual Integration Results

RT: 6.86
Area: 16101
Amount: 26.210038
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:25:04 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

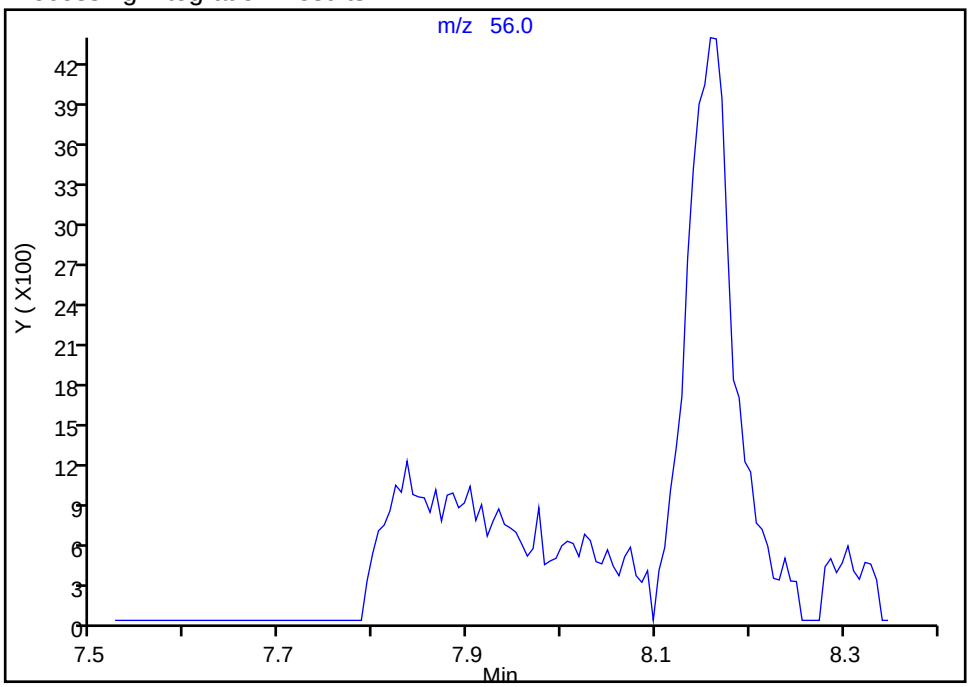
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D				
Injection Date:	09-Jul-2025 05:18:30	Instrument ID:	19094		
Lims ID:	IC std4 0.5				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

67 n-Butanol, CAS: 71-36-3

Signal: 1

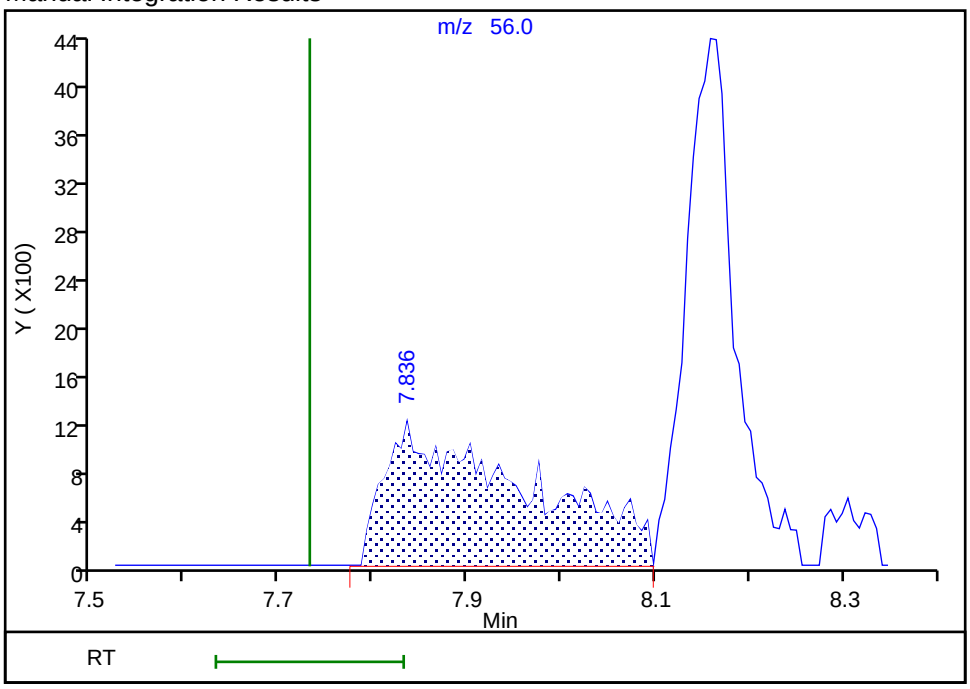
Processing Integration Results

RT: 7.92
Area: 0
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 7.84
Area: 12166
Amount: 58.643309
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:25:22 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

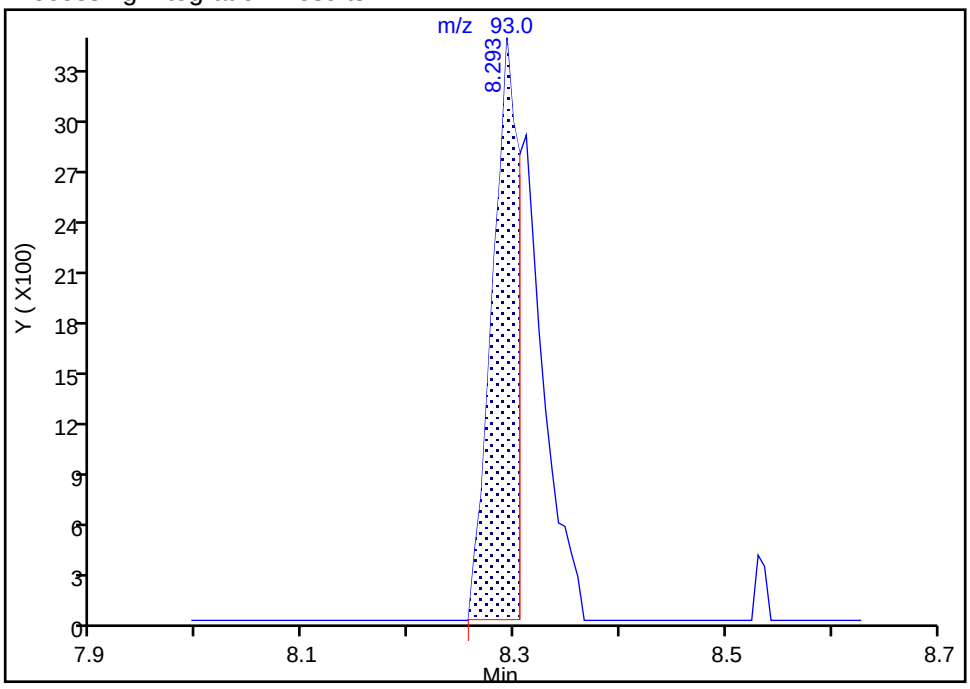
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D				
Injection Date:	09-Jul-2025 05:18:30	Instrument ID:	19094		
Lims ID:	IC std4 0.5				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

74 Dibromomethane, CAS: 74-95-3

Signal: 1

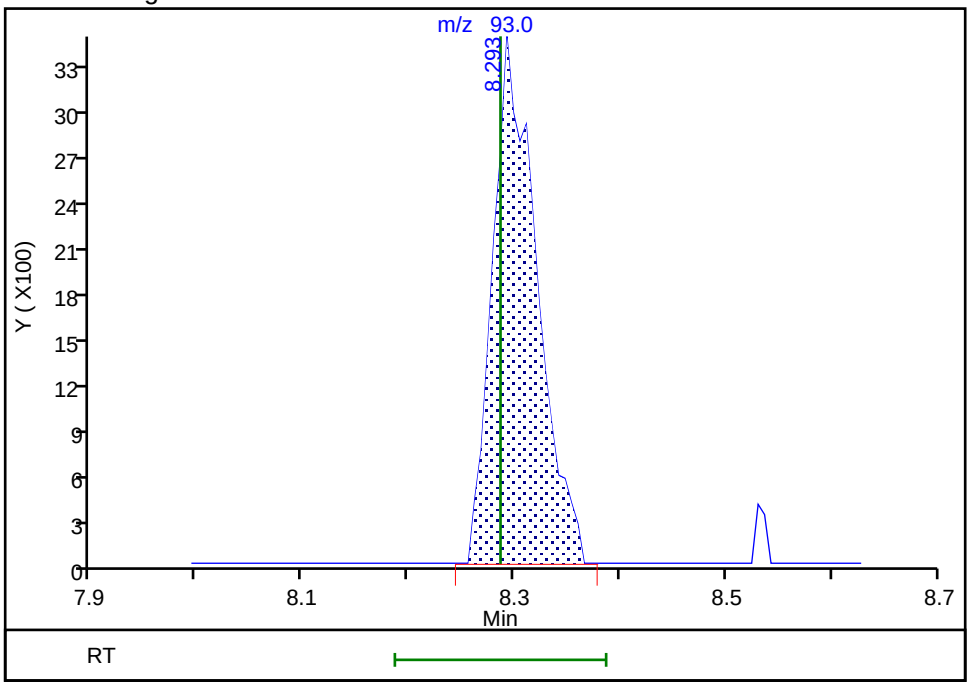
Processing Integration Results

RT: 8.29
Area: 6110
Amount: 0.312949
Amount Units: ug/l



Manual Integration Results

RT: 8.29
Area: 10103
Amount: 0.492296
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:25:39 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

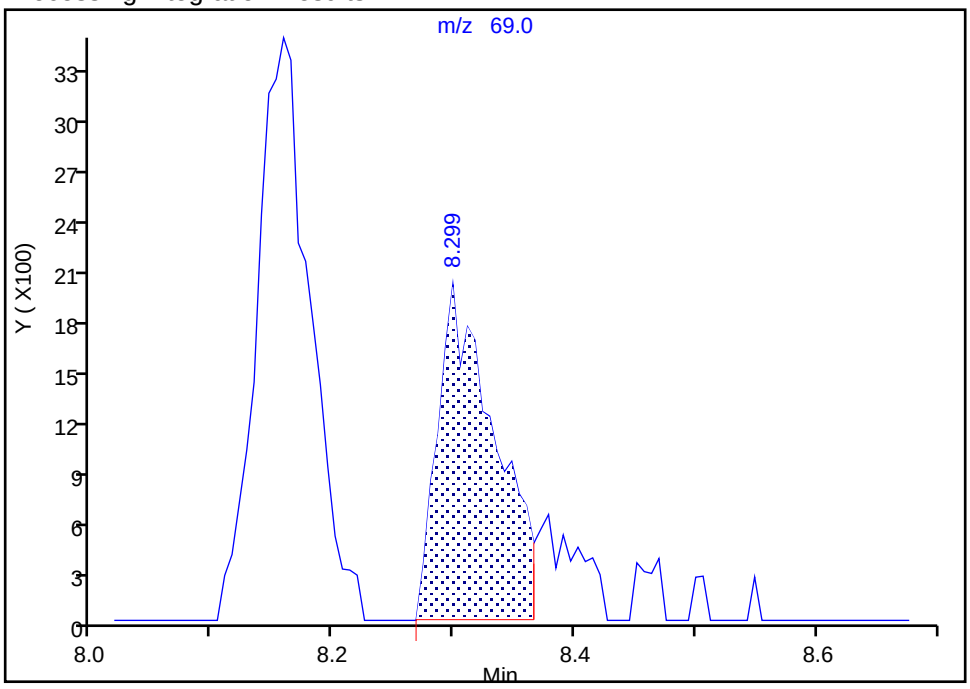
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D				
Injection Date:	09-Jul-2025 05:18:30	Instrument ID:	19094		
Lims ID:	IC std4 0.5				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

72 Methyl methacrylate, CAS: 80-62-6

Signal: 1

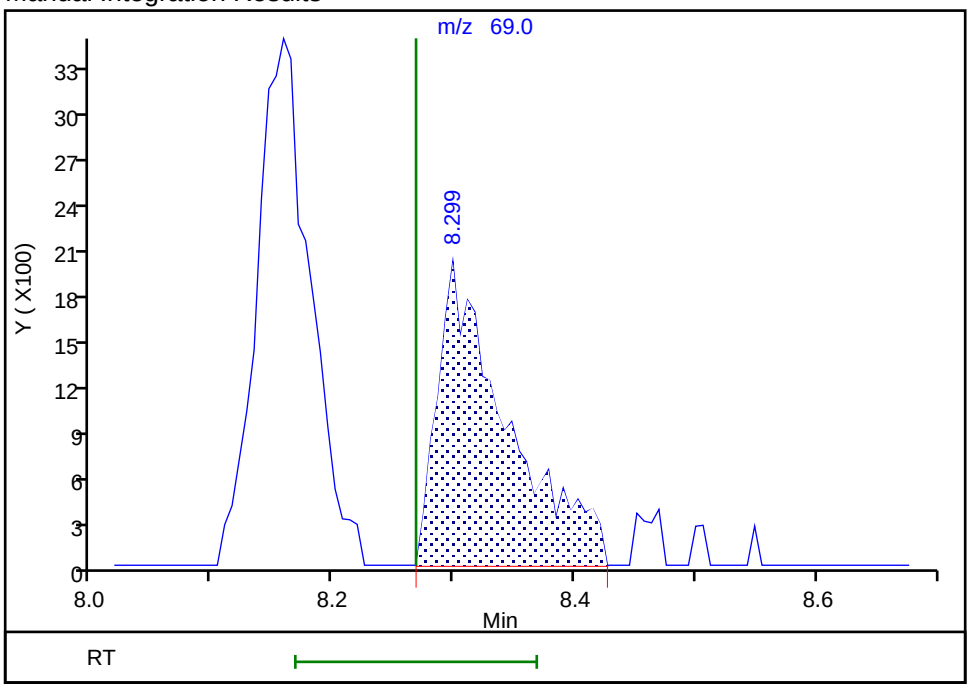
Processing Integration Results

RT: 8.30
Area: 6534
Amount: 0.370123
Amount Units: ug/l



Manual Integration Results

RT: 8.30
Area: 7905
Amount: 0.438064
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:25:29 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

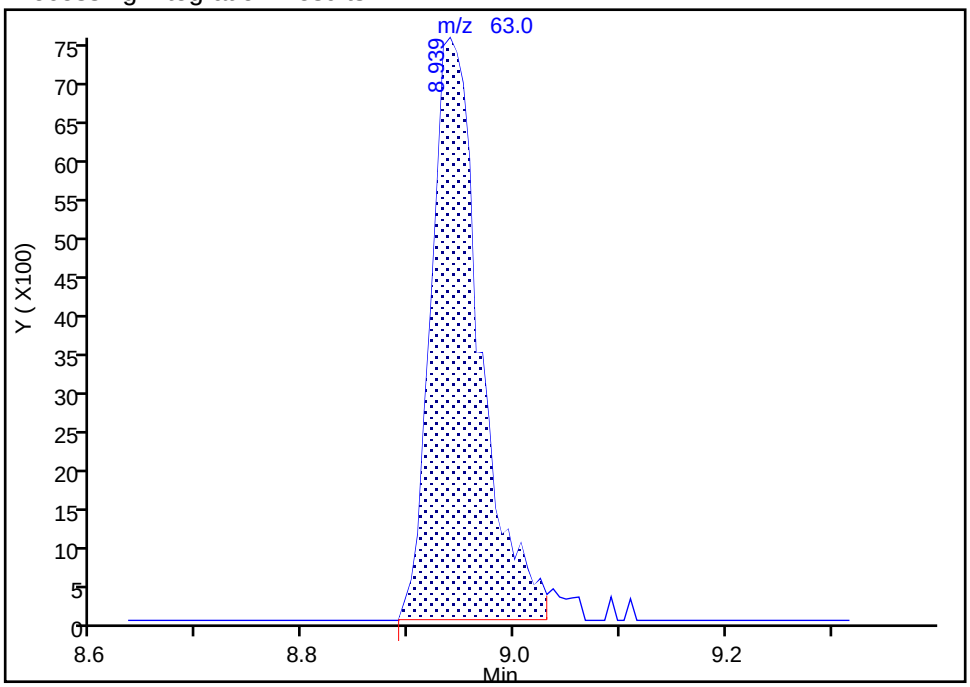
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D				
Injection Date:	09-Jul-2025 05:18:30	Instrument ID:	19094		
Lims ID:	IC std4 0.5				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

79 1-Bromo-2-chloroethane, CAS: 107-04-0

Signal: 1

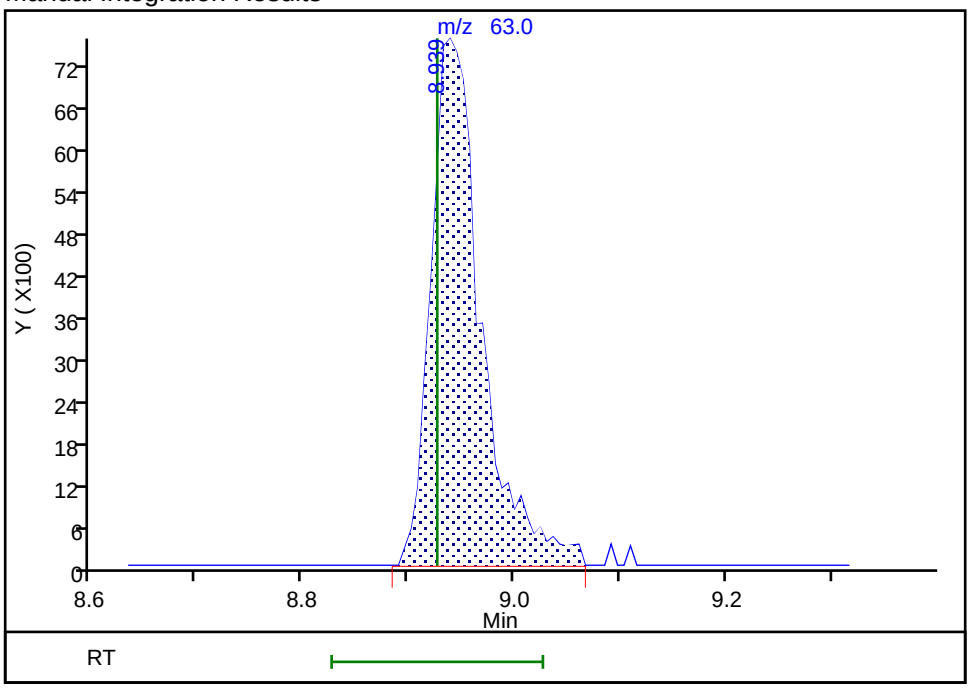
Processing Integration Results

RT: 8.94
Area: 24500
Amount: 0.499823
Amount Units: ug/l



Manual Integration Results

RT: 8.94
Area: 25080
Amount: 0.507347
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:25:50 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

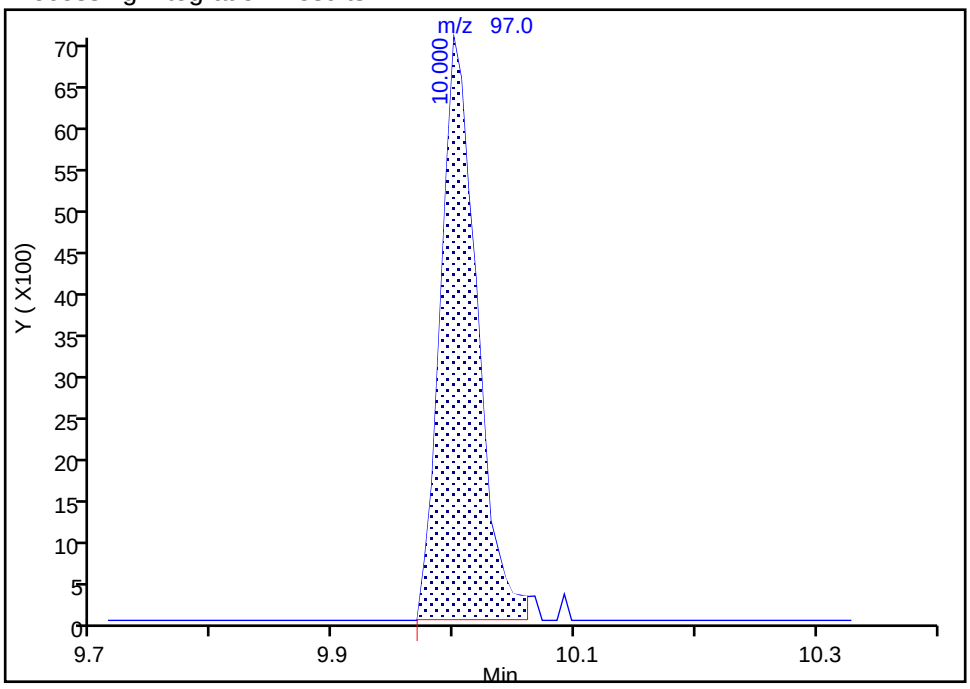
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D				
Injection Date:	09-Jul-2025 05:18:30	Instrument ID:	19094		
Lims ID:	IC std4 0.5				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

106 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

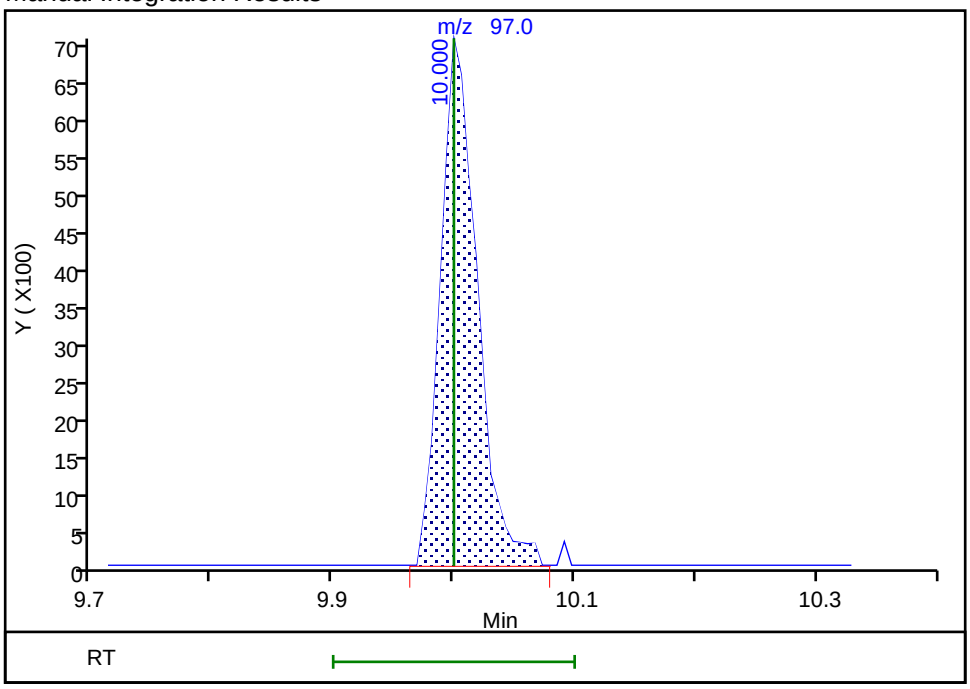
Processing Integration Results

RT: 10.00
Area: 14728
Amount: 0.460177
Amount Units: ug/l



Manual Integration Results

RT: 10.00
Area: 14835
Amount: 0.463176
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:26:34 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

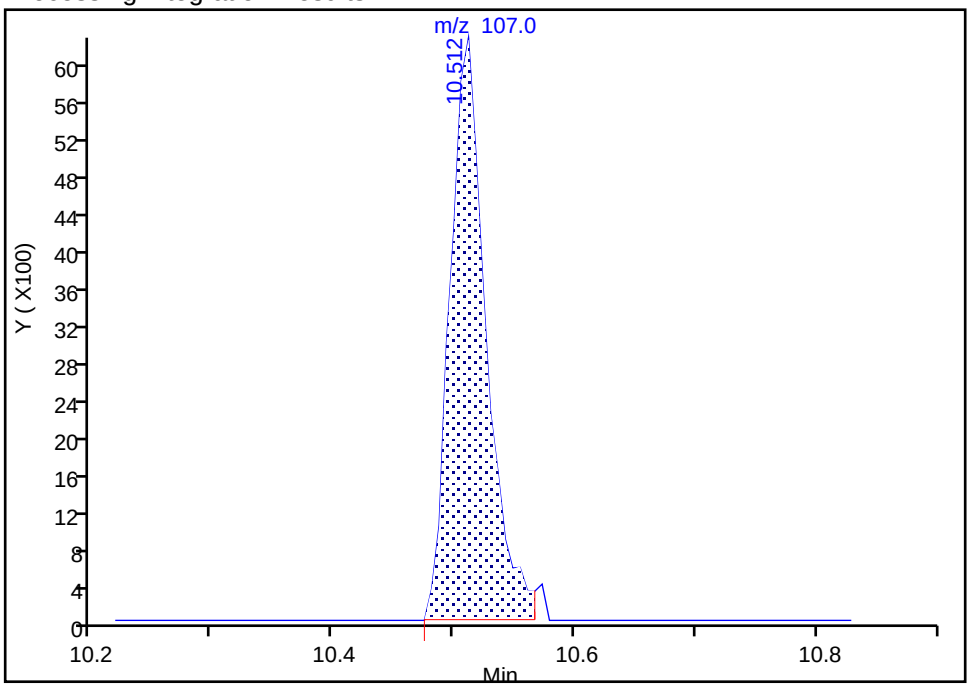
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X15.D
Injection Date: 09-Jul-2025 05:18:30 Instrument ID: 19094
Lims ID: IC std4 0.5
Client ID:
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

112 Ethylene Dibromide, CAS: 106-93-4

Signal: 1

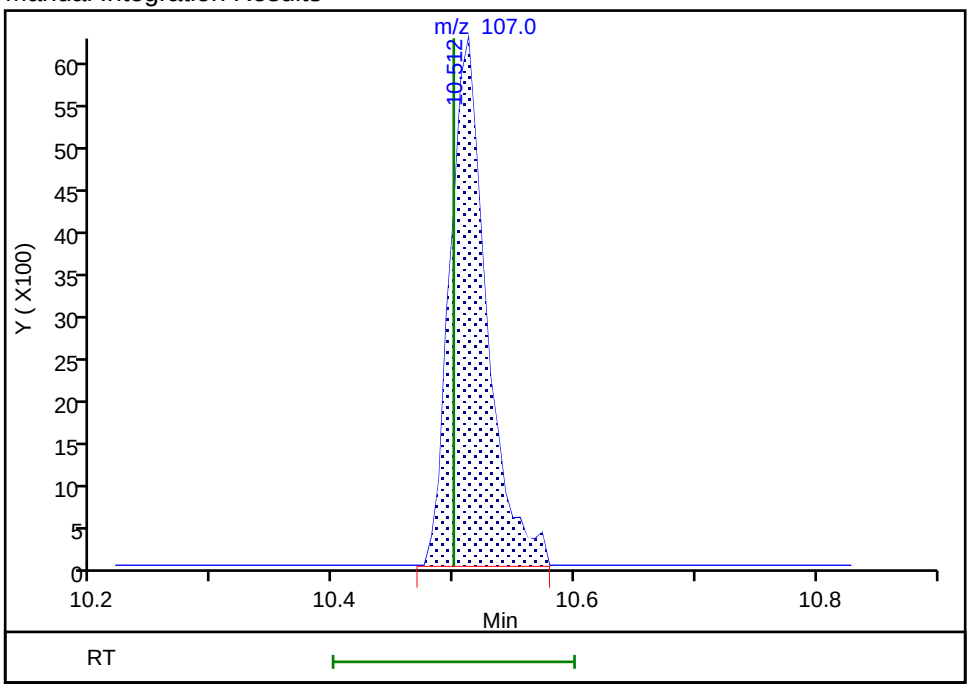
Processing Integration Results

RT: 10.51
Area: 13067
Amount: 0.470671
Amount Units: ug/l



Manual Integration Results

RT: 10.51
Area: 13209
Amount: 0.475246
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:26:44 -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\20250709-152824.b\HL08X16.D
Lims ID: IC std5 1
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 09-Jul-2025 05:39:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152824-017
Misc. Info.: IC STD5 1
Operator ID: gaw91131 Instrument ID: 19094
Sublist: chrom-MSV_19094_25mL*sub1

Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 16-Jul-2025 16:05:17 Calib Date: 09-Jul-2025 07:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1623

First Level Reviewer: JS6E Date: 11-Jul-2025 01:28:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.824	1.831	-0.007	98	61195	1.00	1.00	
5 Chloromethane	50	2.013	2.013	0.000	99	88097	1.00	1.09	
7 Butadiene	39	2.105	2.105	0.000	92	78930	1.00	1.01	
6 Vinyl chloride	62	2.117	2.123	-0.006	98	80555	1.00	1.10	
9 Bromomethane	94	2.398	2.391	0.007	88	58080	1.00	1.11	M
10 Chloroethane	64	2.477	2.477	0.000	100	50372	1.00	1.09	
11 Dichlorofluoromethane	67	2.684	2.690	-0.006	97	130016	1.00	1.05	
12 Trichlorofluoromethane	101	2.782	2.788	-0.006	53	93150	1.00	0.9785	
14 Ethyl ether	59	2.977	2.971	0.006	92	32457	1.00	1.01	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.044	3.050	-0.006	94	71506	1.00	1.01	
16 Acrolein	56	3.135	3.117	0.018	99	207595	48.8	55.3	
17 1,1-Dichloroethene	96	3.257	3.251	0.006	97	51386	1.00	1.07	
19 Acetone	43	3.306	3.275	0.031	53	46047	10.0	10.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.294	3.294	0.000	92	47770	1.00	1.01	
21 Iodomethane	142	3.434	3.434	0.000	99	99728	1.00	1.08	
22 Ethyl bromide	108	3.458	3.458	0.000	97	39608	1.00	0.9748	
23 Carbon disulfide	76	3.538	3.531	0.007	99	157512	1.00	1.07	
24 Methyl acetate	43	3.702	3.660	0.042	22	10912	1.00	0.99	M
26 3-Chloro-1-propene	41	3.690	3.684	0.006	92	101799	1.00	1.07	
27 Methylene Chloride	84	3.855	3.855	0.000	94	52255	1.00	1.04	
* 28 t-Butyl alcohol-d10 (IS)	65	3.861	3.891	-0.030	94	64825	50.0	50.0	
29 2-Methyl-2-propanol	59	3.976	3.995	-0.019	91	24757	20.0	17.6	
31 Acrylonitrile	53	4.269	4.184	0.085	19	9277	2.50	2.04	M
32 Methyl tert-butyl ether	73	4.226	4.214	0.012	95	104199	1.00	0.9427	
33 trans-1,2-Dichloroethene	96	4.245	4.239	0.006	97	57900	1.00	1.09	
34 Hexane	57	4.659	4.659	0.000	92	77464	1.00	0.9582	
36 1,1-Dichloroethane	63	4.891	4.891	0.000	96	110510	1.00	1.07	
37 Isopropyl ether	45	4.958	4.952	0.006	95	170834	1.00	0.9830	
38 2-Chloro-1,3-butadiene	53	5.019	5.001	0.018	92	95438	1.00	1.07	
40 Tert-butyl ethyl ether	59	5.494	5.495	0.000	99	146425	1.00	0.9717	

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	5.732	5.690	0.042	100	84562	10.0	10.7	M
42 cis-1,2-Dichloroethene	96	5.738	5.732	0.006	86	61566	1.00	1.06	
43 2,2-Dichloropropane	77	5.744	5.744	0.000	78	96232	1.00	1.07	
44 Propionitrile	54	5.860	5.775	0.085	97	38545	20.0	19.6	M
47 Methacrylonitrile	67	6.007	5.988	0.019	92	86632	10.0	10.9	
48 Chlorobromomethane	128	6.074	6.068	0.006	95	20976	1.00	0.9564	
49 Tetrahydrofuran	71	6.086	6.080	0.006	83	11085	5.00	5.00	
S 46 1,2-Dichloroethene, Total	100				0			2.15	
50 Chloroform	83	6.232	6.226	0.006	93	99467	1.00	1.04	
$ 52 Dibromofluoromethane (Surr)	113	6.445	6.446	-0.001	94	437313	10.0	9.95	
53 1,1,1-Trichloroethane	97	6.452	6.458	-0.006	99	92932	1.00	1.04	
54 Cyclohexane	56	6.561	6.561	0.000	91	102163	1.00	0.9298	
56 Carbon tetrachloride	117	6.677	6.677	0.000	86	78314	1.00	1.04	
55 1,1-Dichloropropene	75	6.677	6.677	0.000	94	86167	1.00	1.04	
57 Isobutyl alcohol	41	6.854	6.824	0.030	92	22218	50.0	40.3	M
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.897	0.006	81	78724	10.0	9.88	
59 Benzene	78	6.939	6.939	0.000	96	252625	1.00	1.08	
60 1,2-Dichloroethane	62	7.025	7.006	0.019	97	50003	1.00	0.9488	
63 Tert-amyl methyl ether	73	7.134	7.141	-0.007	98	119976	1.00	0.9201	
* 64 Fluorobenzene (IS)	96	7.348	7.354	-0.006	98	1893953	10.0	10.0	
65 n-Heptane	43	7.372	7.372	0.000	93	75711	1.00	0.8856	
67 n-Butanol	56	7.842	7.732	0.110	22	19477	87.5	76.2	M
68 Trichloroethene	95	7.842	7.842	0.000	99	64703	1.00	1.05	
69 Methylcyclohexane	83	8.159	8.159	0.000	91	97556	1.00	0.9120	
70 1,2-Dichloropropane	63	8.177	8.177	0.000	97	57558	1.00	1.02	
71 2-ethoxy-2-methyl butane	87	8.195	8.195	0.000	92	81854	1.00	0.9591	
72 Methyl methacrylate	69	8.287	8.268	0.019	79	17132	1.00	1.06	
73 1,4-Dioxane	88	8.305	8.287	0.018	28	1959	50.0	44.3	M
74 Dibromomethane	93	8.287	8.287	0.000	95	20939	1.00	1.00	
76 Dichlorobromomethane	83	8.530	8.531	0.000	99	62768	1.00	1.00	
77 2-Nitropropane	41	8.799	8.793	0.006	98	25231	5.00	5.03	
79 1-Bromo-2-chloroethane	63	8.939	8.927	0.012	98	45636	1.00	0.9067	M
80 cis-1,3-Dichloropropene	75	9.110	9.097	0.013	95	74455	1.00	0.9669	
82 4-Methyl-2-pentanone (MIBK)	43	9.286	9.280	0.006	98	236617	10.0	10.5	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1877074	10.0	9.91	
84 Toluene	92	9.512	9.506	0.006	98	155904	1.00	1.06	
85 trans-1,3-Dichloropropene	75	9.799	9.786	0.012	94	53505	1.00	0.9208	
104 Ethyl methacrylate	69	9.866	9.860	0.006	91	37170	1.00	0.9049	
106 1,1,2-Trichloroethane	97	10.000	10.000	0.000	91	29430	1.00	0.9035	
S 105 1,3-Dichloropropene, Total	100				0			1.89	
107 Tetrachloroethene	166	10.091	10.091	0.000	97	74060	1.00	1.07	
108 1,3-Dichloropropane	76	10.170	10.164	0.006	91	55118	1.00	0.9724	
109 2-Hexanone	43	10.231	10.219	0.012	97	151274	10.0	10.5	
111 Chlorodibromomethane	129	10.390	10.390	0.000	90	37944	1.00	0.9431	
112 Ethylene Dibromide	107	10.506	10.500	0.006	99	27393	1.00	0.9691	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1360861	10.0	10.0	
114 1-Chlorohexane	91	10.963	10.963	0.000	97	85990	1.00	0.9310	
115 Chlorobenzene	112	10.975	10.975	0.000	95	162377	1.00	1.05	
116 1,1,1,2-Tetrachloroethane	131	11.060	11.060	0.000	95	51167	1.00	1.00	
117 Ethylbenzene	91	11.067	11.067	0.000	99	304640	1.00	1.05	
119 m-Xylene & p-Xylene	106	11.188	11.189	-0.001	100	232944	2.00	2.12	
S 118 Xylenes, Total	106				0			3.15	

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	11.524	11.518	0.006	98	107510	1.00	1.03	
121 Styrene	104	11.542	11.536	0.006	95	166885	1.00	1.00	
122 Bromoform	173	11.701	11.695	0.006	97	19846	1.00	0.9541	
123 Isopropylbenzene	105	11.829	11.829	0.000	96	267430	1.00	1.05	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	90	682936	10.0	9.99	
127 1,1,2,2-Tetrachloroethane	83	12.079	12.079	0.000	93	34943	1.00	0.9389	
128 Bromobenzene	156	12.091	12.091	0.000	95	59684	1.00	0.9880	
129 trans-1,4-Dichloro-2-butene	53	12.103	12.103	0.000	94	94191	10.0	11.3	
130 1,2,3-Trichloropropane	110	12.121	12.121	0.000	77	9112	1.00	0.9766	
131 N-Propylbenzene	91	12.164	12.164	0.000	99	360035	1.00	1.07	
132 2-Chlorotoluene	126	12.237	12.237	0.000	96	68043	1.00	1.06	
133 1,3,5-Trimethylbenzene	105	12.304	12.304	0.000	93	247870	1.00	1.05	
134 4-Chlorotoluene	126	12.335	12.329	0.006	98	66335	1.00	1.03	
135 tert-Butylbenzene	134	12.542	12.542	0.000	94	53085	1.00	1.02	
136 Pentachloroethane	167	12.572	12.572	0.000	83	32920	1.00	0.9623	
137 1,2,4-Trimethylbenzene	105	12.591	12.585	0.006	98	252696	1.00	1.06	
138 sec-Butylbenzene	105	12.706	12.707	-0.001	94	313774	1.00	1.04	
139 1,3-Dichlorobenzene	146	12.810	12.804	0.006	98	122123	1.00	1.01	
140 4-Isopropyltoluene	119	12.822	12.822	0.000	97	268626	1.00	1.03	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	755195	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.883	12.883	0.000	95	125248	1.00	1.01	
143 1,2,3-Trimethylbenzene	120	12.895	12.889	0.006	98	104340	1.00	1.04	
144 Benzyl chloride	126	12.963	12.956	0.007	99	13343	1.00	0.9093	
145 p-Diethylbenzene	119	13.097	13.097	0.000	94	156671	1.00	1.03	
146 n-Butylbenzene	92	13.115	13.115	0.000	98	127261	1.00	1.04	
147 1,2-Dichlorobenzene	146	13.145	13.139	0.006	98	103857	1.00	0.9854	
149 1,2-Dibromo-3-Chloropropane	155	13.688	13.688	0.000	85	4528	1.00	0.9168	
150 1,3,5-Trichlorobenzene	180	13.816	13.816	0.000	97	92882	1.00	1.05	
151 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	68985	1.00	0.9711	
152 Hexachlorobutadiene	225	14.322	14.322	0.000	96	34103	1.00	0.9712	
153 Naphthalene	128	14.420	14.414	0.006	97	104127	1.00	0.8960	
154 1,2,3-Trichlorobenzene	180	14.560	14.560	0.000	95	56030	1.00	0.9602	
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_00171	Amount Added:	2.00	Units: uL	
MSV_LL_GAS826_00279	Amount Added:	2.00	Units: uL	
MSV_LL_#2_826_00185	Amount Added:	2.00	Units: uL	
MSV_LLcentISS_00016	Amount Added:	5.00	Units: uL	Run Reagent

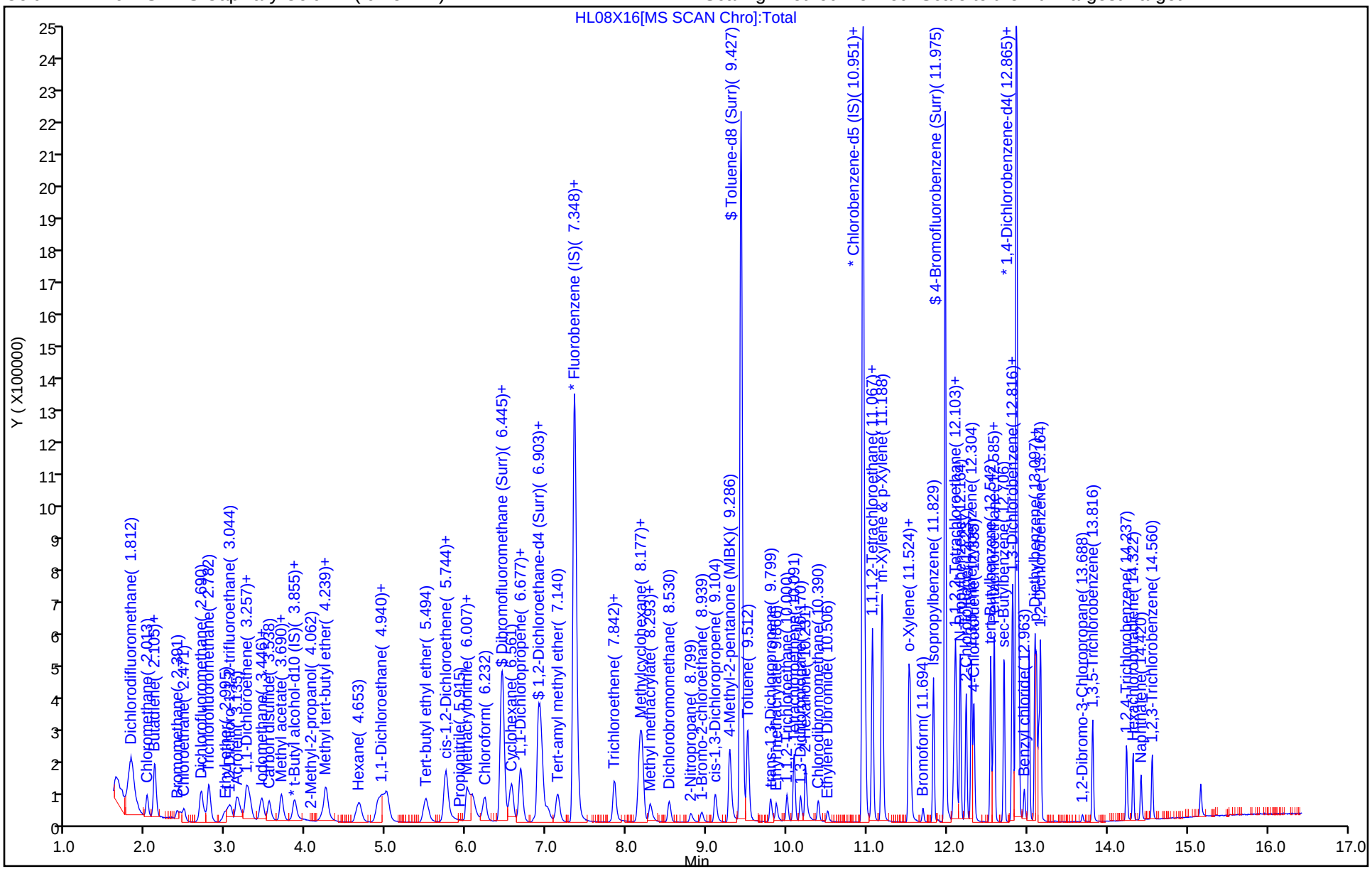
Report Date: 16-Jul-2025 16:05:19 Chrom Revision: 2.3 14-Jul-2025 13:55:14

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D

Injection Date:	09-Jul-2025 05:39:30	Instrument ID:	19094	Operator ID:	gaw91131
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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

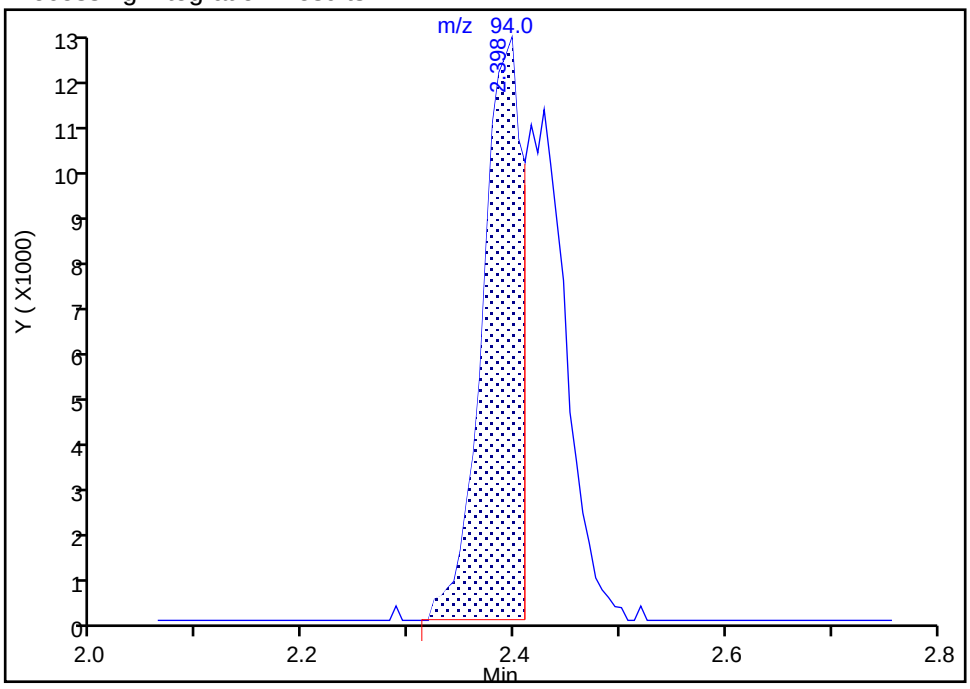
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D				
Injection Date:	09-Jul-2025 05:39:30	Instrument ID:	19094		
Lims ID:	IC std5 1				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

9 Bromomethane, CAS: 74-83-9

Signal: 1

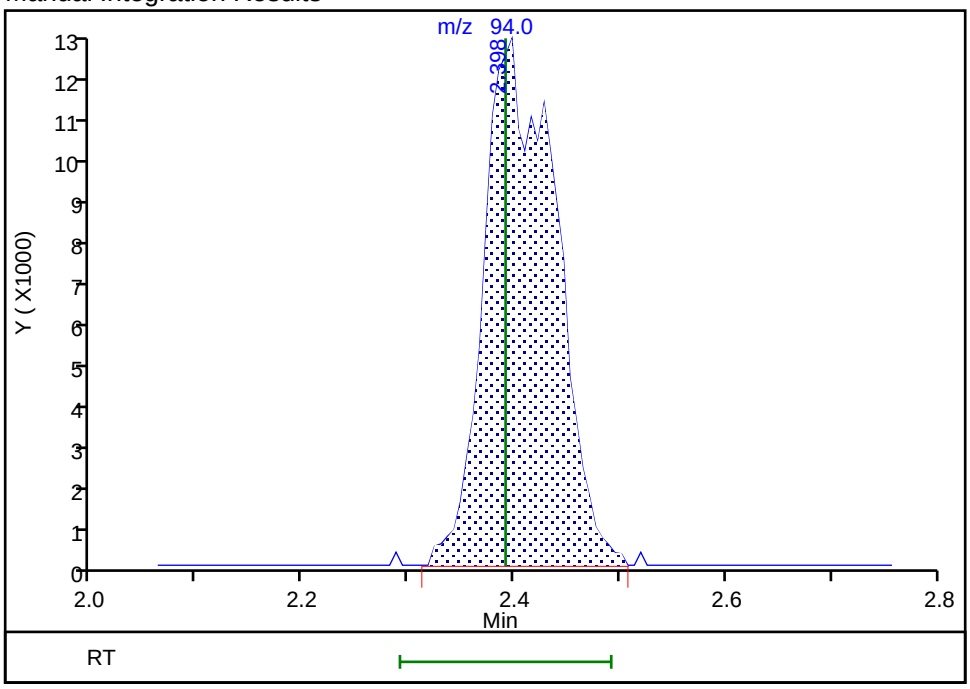
Processing Integration Results

RT: 2.40
Area: 32408
Amount: 0.567283
Amount Units: ug/l



Manual Integration Results

RT: 2.40
Area: 58080
Amount: 1.114347
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:27:29 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

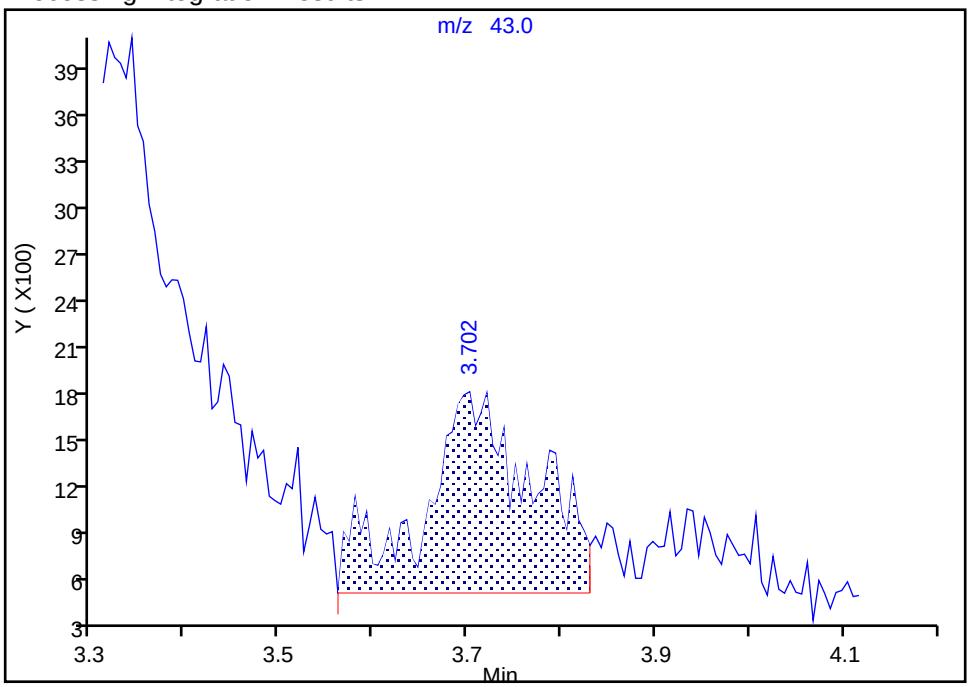
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D				
Injection Date:	09-Jul-2025 05:39:30	Instrument ID:	19094		
Lims ID:	IC std5 1				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

24 Methyl acetate, CAS: 79-20-9

Signal: 1

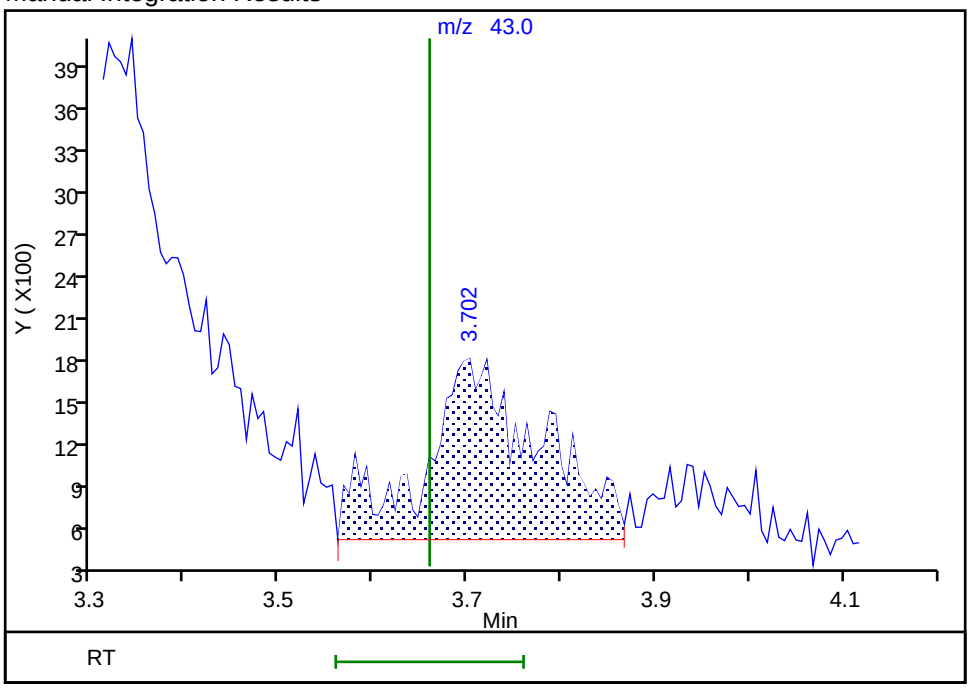
Processing Integration Results

RT: 3.70
Area: 10235
Amount: 0.686598
Amount Units: ug/l



Manual Integration Results

RT: 3.70
Area: 10912
Amount: 0.991316
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:27:46 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

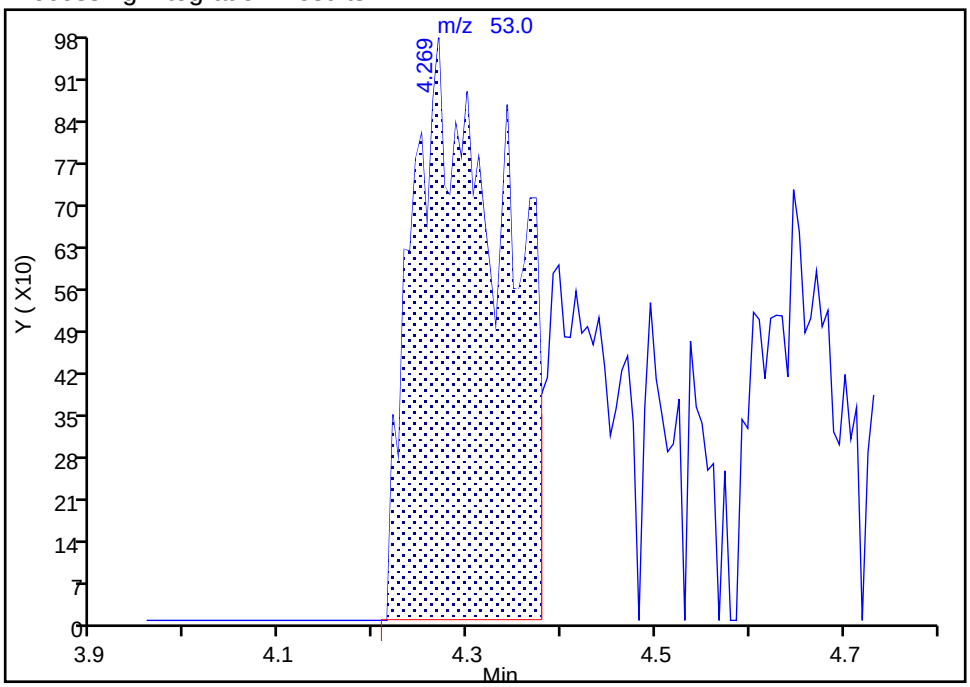
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D
Injection Date: 09-Jul-2025 05:39:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: gaw91131 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

31 Acrylonitrile, CAS: 107-13-1

Signal: 1

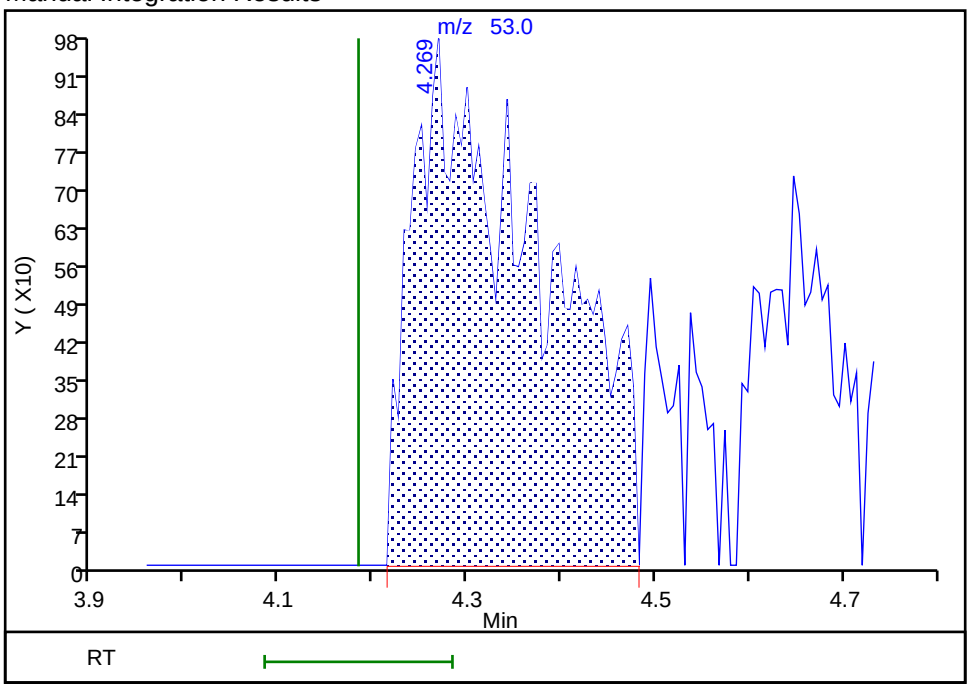
Processing Integration Results

RT: 4.27
Area: 6610
Amount: 2.283440
Amount Units: ug/l



Manual Integration Results

RT: 4.27
Area: 9277
Amount: 2.041055
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:27:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

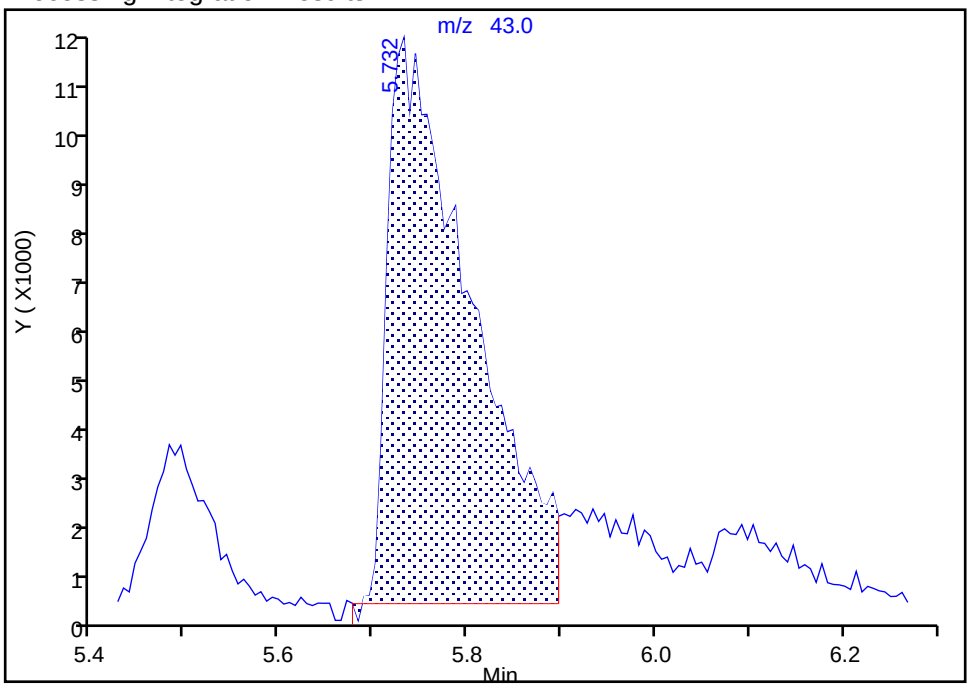
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D				
Injection Date:	09-Jul-2025 05:39:30	Instrument ID:	19094		
Lims ID:	IC std5 1				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

41 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

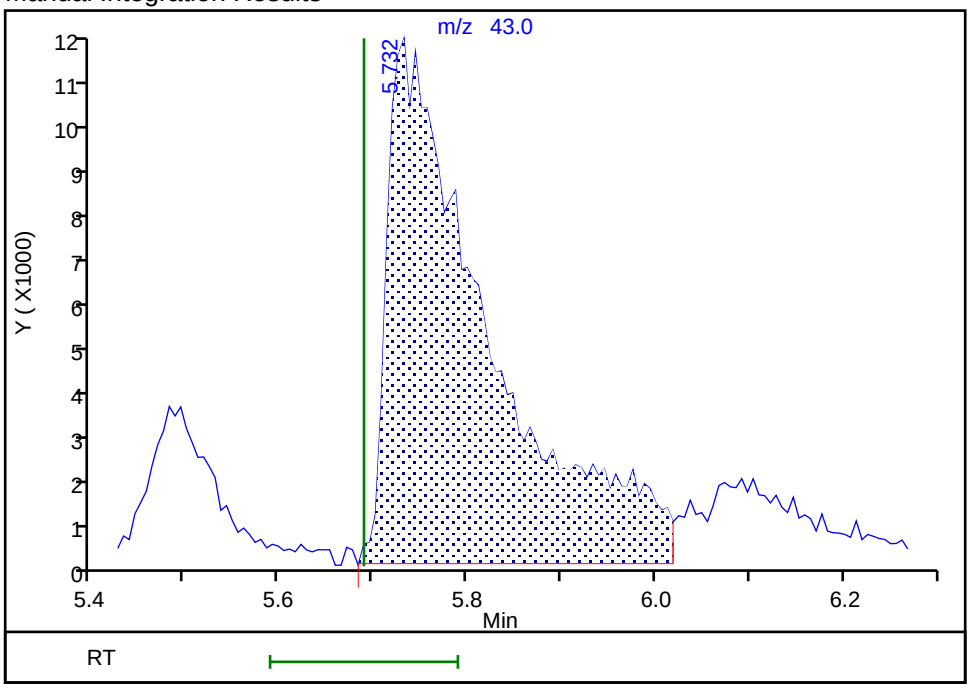
Processing Integration Results

RT: 5.73
Area: 67593
Amount: 8.842334
Amount Units: ug/l



Manual Integration Results

RT: 5.73
Area: 84562
Amount: 10.722152
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:28:52 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

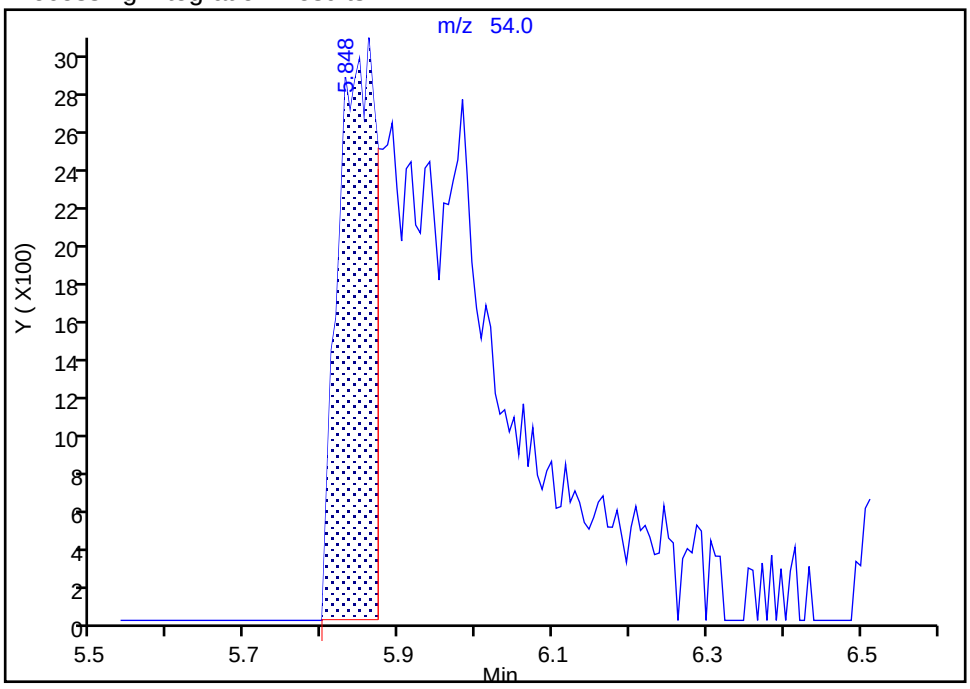
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D				
Injection Date:	09-Jul-2025 05:39:30	Instrument ID:	19094		
Lims ID:	IC std5 1				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

44 Propionitrile, CAS: 107-12-0

Signal: 1

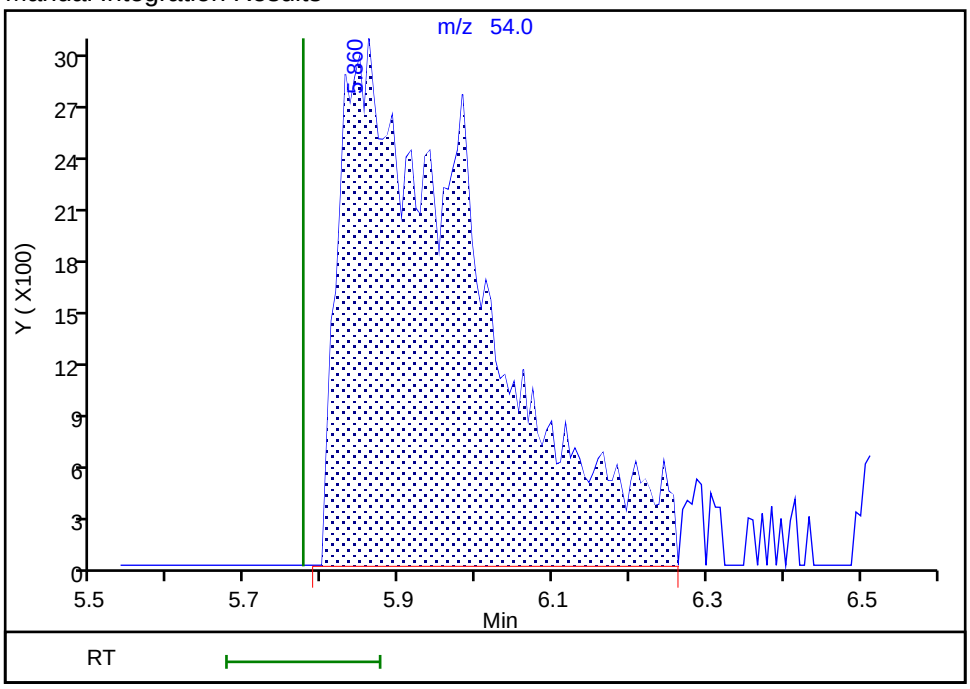
Processing Integration Results

RT: 5.85
Area: 10220
Amount: 6.272509
Amount Units: ug/l



Manual Integration Results

RT: 5.86
Area: 38545
Amount: 19.609580
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:30:18 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

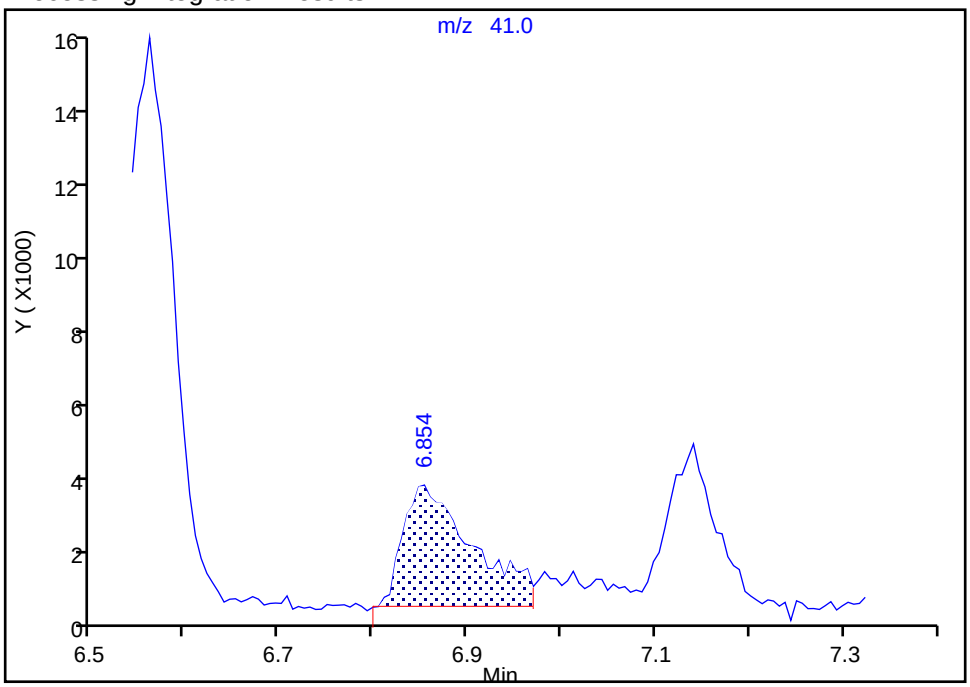
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D				
Injection Date:	09-Jul-2025 05:39:30	Instrument ID:	19094		
Lims ID:	IC std5 1				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

57 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

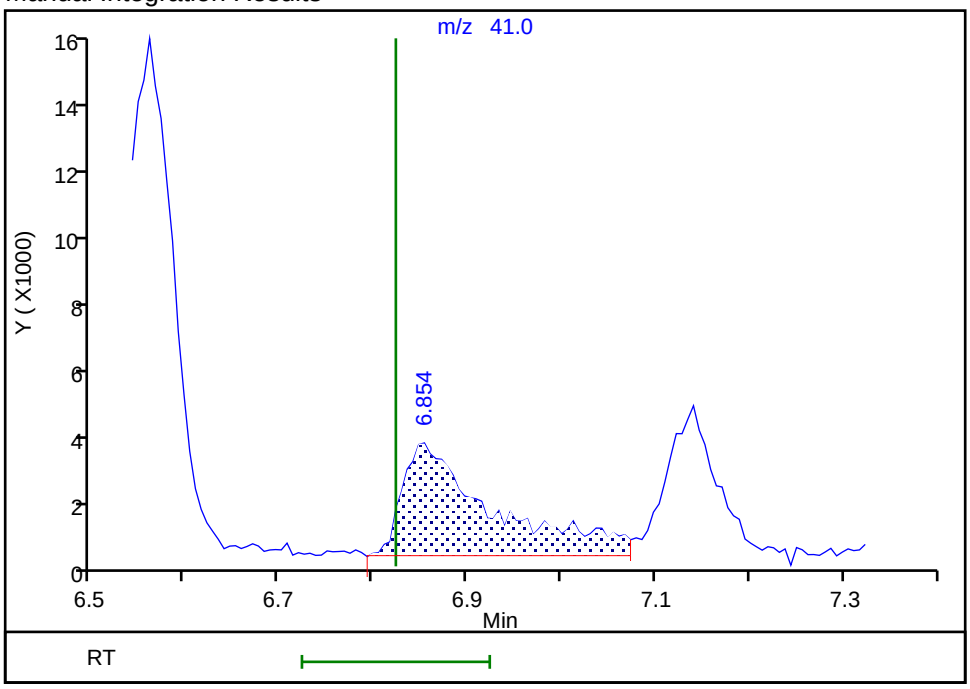
Processing Integration Results

RT: 6.85
Area: 16574
Amount: 27.739789
Amount Units: ug/l



Manual Integration Results

RT: 6.85
Area: 22218
Amount: 40.335319
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:29:45 -04:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

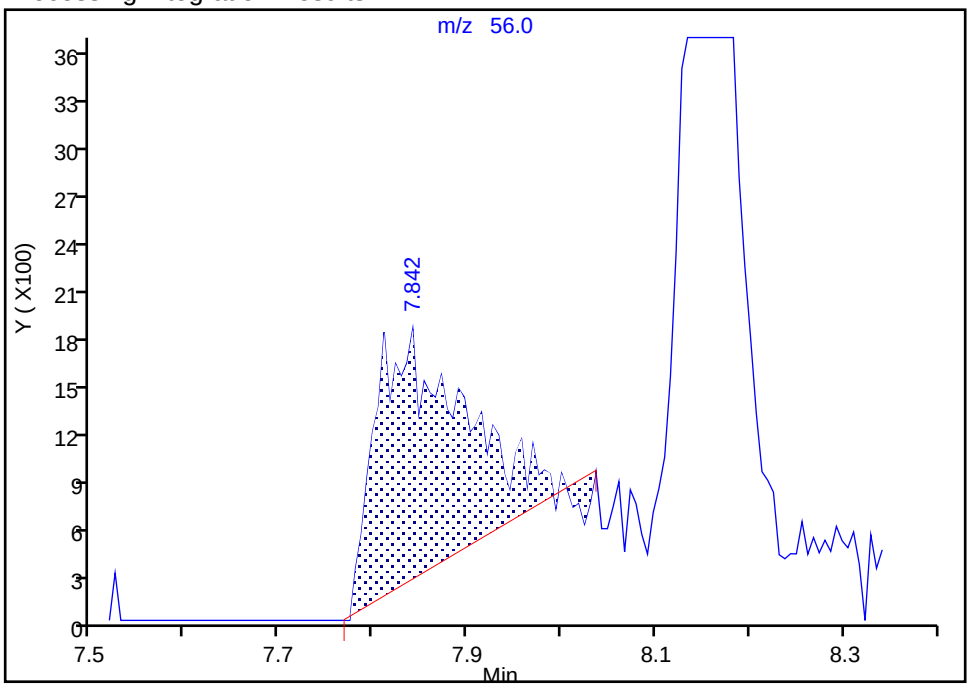
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D
Injection Date: 09-Jul-2025 05:39:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: gaw91131 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 1

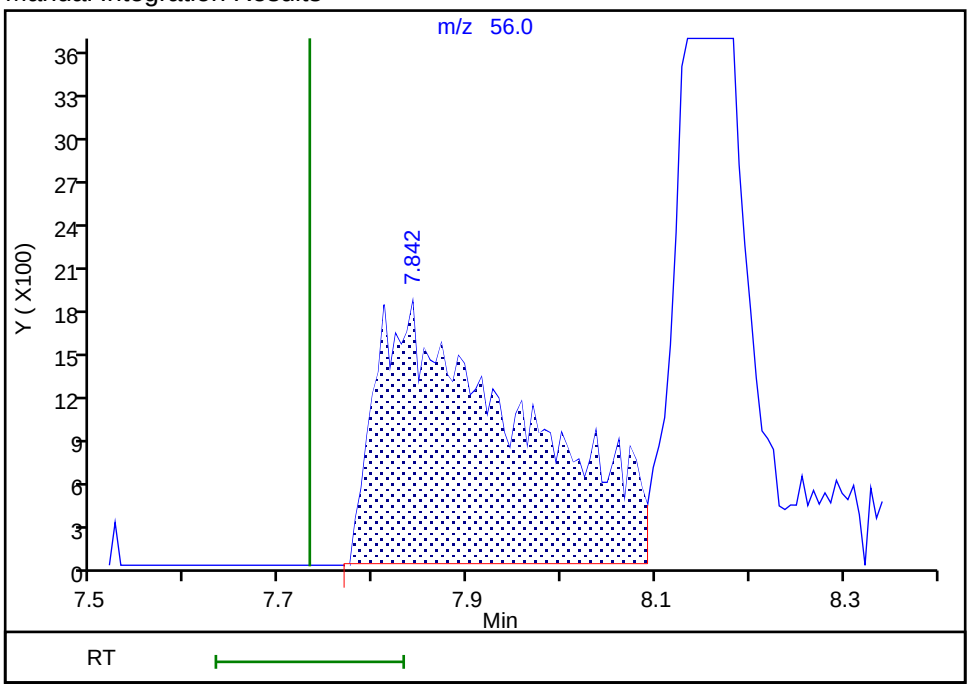
Processing Integration Results

RT: 7.84
Area: 9900
Amount: 29.075860
Amount Units: ug/l



Manual Integration Results

RT: 7.84
Area: 19477
Amount: 76.195379
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:30:49 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

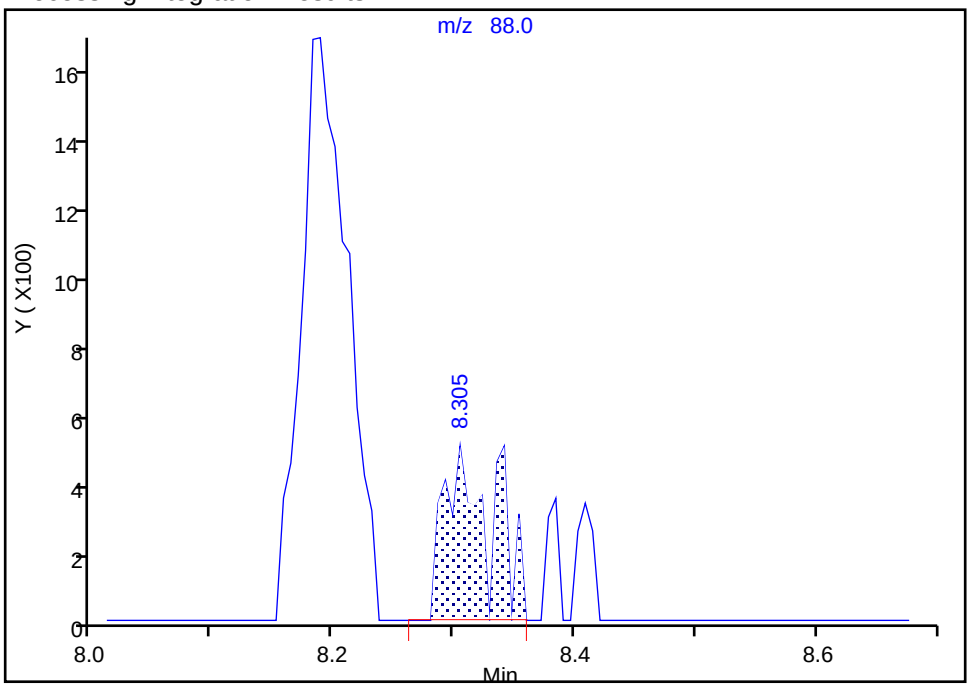
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D				
Injection Date:	09-Jul-2025 05:39:30	Instrument ID:	19094		
Lims ID:	IC std5 1				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

73 1,4-Dioxane, CAS: 123-91-1

Signal: 1

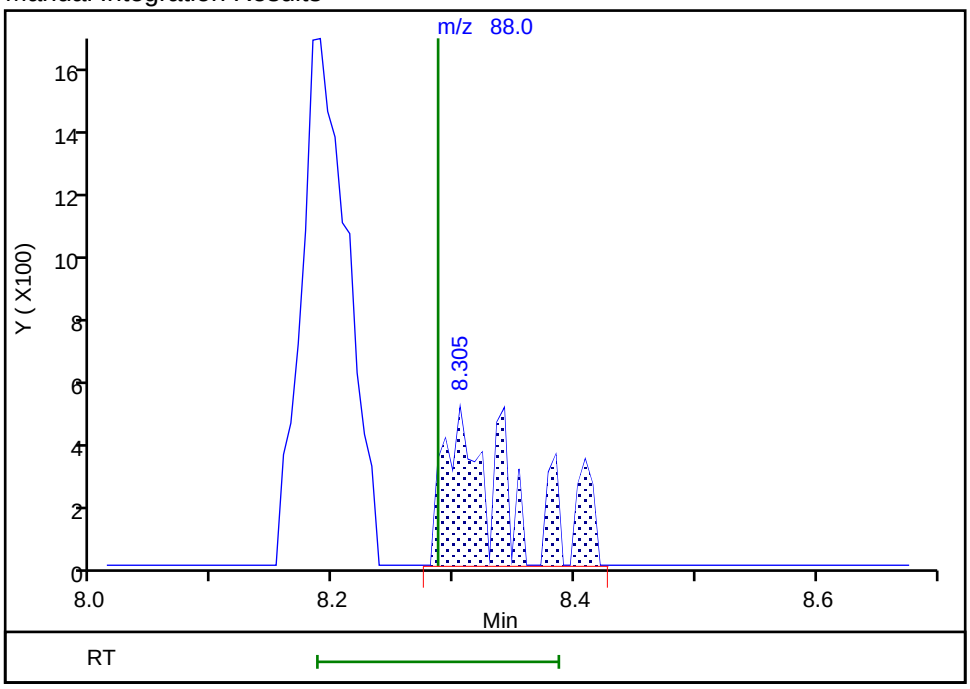
Processing Integration Results

RT: 8.30
Area: 1407
Amount: 40.105481
Amount Units: ug/l



Manual Integration Results

RT: 8.30
Area: 1959
Amount: 44.306130
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:31:00 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

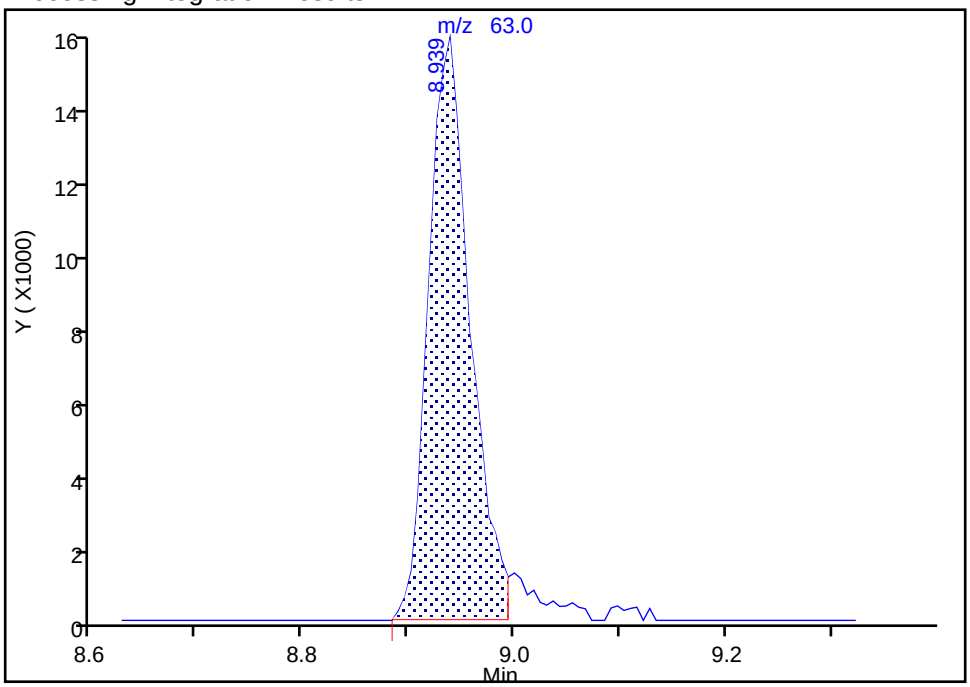
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X16.D
Injection Date: 09-Jul-2025 05:39:30 Instrument ID: 19094
Lims ID: IC std5 1
Client ID:
Operator ID: gaw91131 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

79 1-Bromo-2-chloroethane, CAS: 107-04-0

Signal: 1

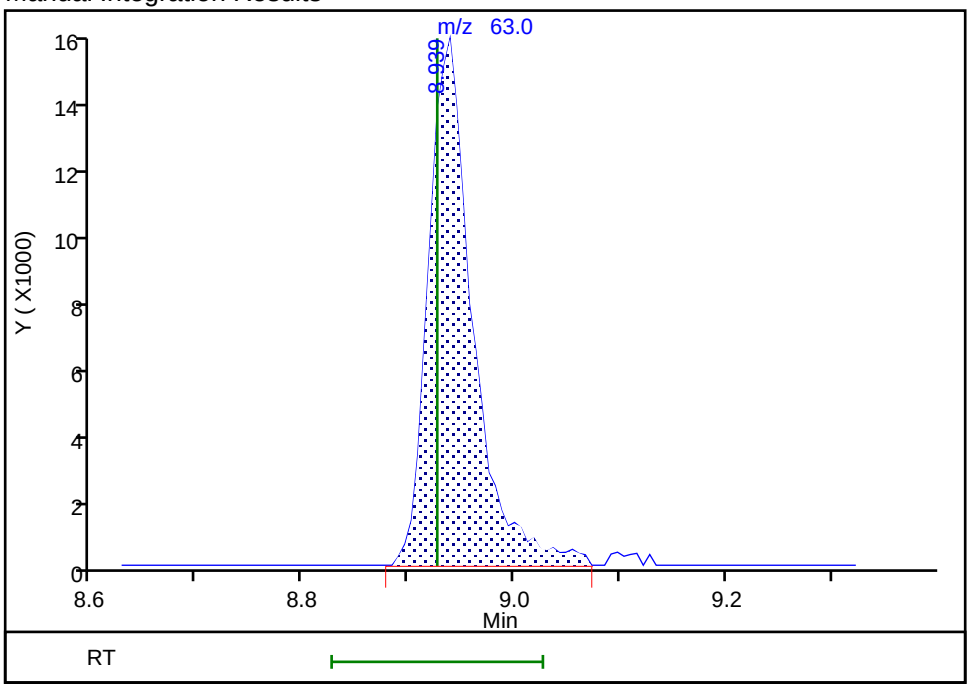
Processing Integration Results

RT: 8.94
Area: 43003
Amount: 0.859381
Amount Units: ug/l



Manual Integration Results

RT: 8.94
Area: 45636
Amount: 0.906699
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:31:08 -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\20250709-152824.b\HL08X17.D
Lims ID: IC std6 2
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 09-Jul-2025 06:00:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152824-018
Misc. Info.: IC STD6 2
Operator ID: gaw91131 Instrument ID: 19094
Sublist: chrom-MSV_19094_25mL*sub1

Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 16-Jul-2025 16:05:24 Calib Date: 09-Jul-2025 07:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1623

First Level Reviewer: JS6E Date: 11-Jul-2025 01:32:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.831	1.831	0.000	99	116582	2.00	1.87	
5 Chloromethane	50	2.020	2.020	0.000	99	149825	2.00	1.82	
7 Butadiene	39	2.111	2.111	0.000	94	146745	2.00	1.86	
6 Vinyl chloride	62	2.123	2.123	0.000	98	138881	2.00	1.87	
9 Bromomethane	94	2.392	2.392	0.000	90	99105	2.00	1.88	M
10 Chloroethane	64	2.477	2.477	0.000	100	86920	2.00	1.86	
11 Dichlorofluoromethane	67	2.690	2.690	0.000	97	233473	2.00	1.87	
12 Trichlorofluoromethane	101	2.788	2.788	0.000	49	177329	2.00	1.84	
14 Ethyl ether	59	2.983	2.983	0.000	92	68731	2.00	2.10	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.056	3.056	0.000	96	135158	2.00	1.88	
16 Acrolein	56	3.129	3.129	0.000	99	455724	97.6	90.0	
17 1,1-Dichloroethene	96	3.251	3.251	0.000	98	94688	2.00	1.94	
19 Acetone	43	3.306	3.306	0.000	64	109794	20.0	17.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.294	3.294	0.000	92	101399	2.00	2.12	
21 Iodomethane	142	3.434	3.434	0.000	98	184654	2.00	1.98	
22 Ethyl bromide	108	3.458	3.458	0.000	98	83748	2.00	2.03	
23 Carbon disulfide	76	3.538	3.538	0.000	99	279844	2.00	1.87	
24 Methyl acetate	43	3.690	3.690	0.000	23	22409	2.00	1.51	M
26 3-Chloro-1-propene	41	3.690	3.690	0.000	92	183449	2.00	1.91	
27 Methylene Chloride	84	3.849	3.849	0.000	94	100038	2.00	1.96	
* 28 t-Butyl alcohol-d10 (IS)	65	3.879	3.879	0.000	92	87437	50.0	50.0	
29 2-Methyl-2-propanol	59	3.983	3.983	0.000	94	79019	40.0	41.5	
31 Acrylonitrile	53	4.239	4.239	0.000	24	28916	5.00	4.12	M
32 Methyl tert-butyl ether	73	4.221	4.221	0.000	95	222996	2.00	1.99	
33 trans-1,2-Dichloroethene	96	4.245	4.245	0.000	96	105838	2.00	1.96	
34 Hexane	57	4.659	4.659	0.000	93	161870	2.00	1.98	
36 1,1-Dichloroethane	63	4.891	4.891	0.000	96	207303	2.00	1.99	
37 Isopropyl ether	45	4.952	4.952	0.000	94	351264	2.00	2.00	
38 2-Chloro-1,3-butadiene	53	5.013	5.013	0.000	91	179644	2.00	1.99	
40 Tert-butyl ethyl ether	59	5.495	5.495	0.000	98	306907	2.00	2.01	

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	5.714	5.714	0.000	100	181301	20.0	17.0	
42 cis-1,2-Dichloroethene	96	5.739	5.739	0.000	84	119416	2.00	2.03	
43 2,2-Dichloropropane	77	5.751	5.751	0.000	87	176775	2.00	1.94	
44 Propionitrile	54	5.806	5.806	0.000	98	100378	40.0	37.9	
47 Methacrylonitrile	67	6.007	6.007	0.000	96	199089	20.0	18.6	
48 Chlorobromomethane	128	6.080	6.080	0.000	95	44691	2.00	2.01	
49 Tetrahydrofuran	71	6.098	6.098	0.000	66	27680	10.0	9.26	
S 46 1,2-Dichloroethene, Total	100				0			3.99	
50 Chloroform	83	6.226	6.226	0.000	94	192868	2.00	1.99	
$ 52 Dibromofluoromethane (Surr)	113	6.446	6.446	0.000	94	444972	10.0	10.0	
53 1,1,1-Trichloroethane	97	6.458	6.458	0.000	98	173849	2.00	1.92	
54 Cyclohexane	56	6.562	6.562	0.000	91	210628	2.00	1.89	
56 Carbon tetrachloride	117	6.677	6.677	0.000	95	150816	2.00	1.97	
55 1,1-Dichloropropene	75	6.677	6.677	0.000	96	164035	2.00	1.96	
57 Isobutyl alcohol	41	6.836	6.836	0.000	94	64006	100.0	86.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.903	0.000	81	81800	10.0	10.1	
59 Benzene	78	6.933	6.933	0.000	96	464773	2.00	1.95	
60 1,2-Dichloroethane	62	7.007	7.007	0.000	97	105824	2.00	1.98	
63 Tert-amyl methyl ether	73	7.141	7.141	0.000	98	254992	2.00	1.93	
* 64 Fluorobenzene (IS)	96	7.348	7.348	0.000	98	1918847	10.0	10.0	
65 n-Heptane	43	7.372	7.372	0.000	94	157443	2.00	1.82	
67 n-Butanol	56	7.756	7.756	0.000	88	89011	175.0	171.5	
68 Trichloroethene	95	7.842	7.842	0.000	99	119909	2.00	1.93	
69 Methylcyclohexane	83	8.159	8.159	0.000	93	203873	2.00	1.88	
70 1,2-Dichloropropane	63	8.171	8.171	0.000	97	115250	2.00	2.02	
71 2-ethoxy-2-methyl butane	87	8.195	8.195	0.000	92	173808	2.00	2.01	
72 Methyl methacrylate	69	8.287	8.287	0.000	86	37852	2.00	1.73	
73 1,4-Dioxane	88	8.287	8.287	0.000	32	11842	100.0	115.7	
74 Dibromomethane	93	8.293	8.293	0.000	94	44722	2.00	2.11	
76 Dichlorobromomethane	83	8.531	8.531	0.000	99	128359	2.00	2.01	
77 2-Nitropropane	41	8.799	8.799	0.000	98	56130	10.0	8.30	
79 1-Bromo-2-chloroethane	63	8.933	8.933	0.000	98	100571	2.00	1.97	
80 cis-1,3-Dichloropropene	75	9.104	9.104	0.000	95	157614	2.00	2.02	
82 4-Methyl-2-pentanone (MIBK)	43	9.287	9.287	0.000	97	531151	20.0	17.5	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1923949	10.0	10.1	
84 Toluene	92	9.512	9.512	0.000	98	292117	2.00	1.97	
85 trans-1,3-Dichloropropene	75	9.793	9.793	0.000	93	120041	2.00	2.05	
104 Ethyl methacrylate	69	9.866	9.866	0.000	90	89339	2.00	2.16	
106 1,1,2-Trichloroethane	97	10.000	10.000	0.000	91	63106	2.00	1.92	
S 105 1,3-Dichloropropene, Total	100				0			4.07	
107 Tetrachloroethene	166	10.091	10.091	0.000	98	134794	2.00	1.93	
108 1,3-Dichloropropane	76	10.171	10.171	0.000	91	114638	2.00	2.00	
109 2-Hexanone	43	10.225	10.225	0.000	97	349222	20.0	18.0	
111 Chlorodibromomethane	129	10.390	10.390	0.000	90	82477	2.00	2.03	
112 Ethylene Dibromide	107	10.506	10.506	0.000	99	59928	2.00	2.10	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1372931	10.0	10.0	
114 1-Chlorohexane	91	10.963	10.963	0.000	98	163848	2.00	1.76	
115 Chlorobenzene	112	10.975	10.975	0.000	95	309505	2.00	1.98	
116 1,1,1,2-Tetrachloroethane	131	11.061	11.061	0.000	94	103655	2.00	2.01	
117 Ethylbenzene	91	11.067	11.067	0.000	99	569846	2.00	1.95	
119 m-Xylene & p-Xylene	106	11.189	11.189	0.000	100	435268	4.00	3.92	
S 118 Xylenes, Total	106				0			5.92	

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	11.524	11.524	0.000	97	210355	2.00	2.00	
121 Styrene	104	11.542	11.542	0.000	95	336167	2.00	1.99	
122 Bromoform	173	11.701	11.701	0.000	97	44093	2.00	2.10	
123 Isopropylbenzene	105	11.829	11.829	0.000	96	503108	2.00	1.96	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	687274	10.0	9.96	
127 1,1,2,2-Tetrachloroethane	83	12.079	12.079	0.000	92	75701	2.00	2.01	
128 Bromobenzene	156	12.091	12.091	0.000	94	122079	2.00	2.00	
129 trans-1,4-Dichloro-2-butene	53	12.103	12.103	0.000	94	203233	20.0	18.1	
130 1,2,3-Trichloropropane	110	12.121	12.121	0.000	78	19860	2.00	2.11	
131 N-Propylbenzene	91	12.164	12.164	0.000	99	655502	2.00	1.93	
132 2-Chlorotoluene	126	12.237	12.237	0.000	96	130193	2.00	2.01	
133 1,3,5-Trimethylbenzene	105	12.304	12.304	0.000	93	462350	2.00	1.95	
134 4-Chlorotoluene	126	12.335	12.335	0.000	98	132295	2.00	2.03	
135 tert-Butylbenzene	134	12.542	12.542	0.000	94	106575	2.00	2.03	
136 Pentachloroethane	167	12.573	12.573	0.000	92	74092	2.00	2.14	
137 1,2,4-Trimethylbenzene	105	12.585	12.585	0.000	97	475939	2.00	1.97	
138 sec-Butylbenzene	105	12.707	12.707	0.000	94	588910	2.00	1.92	
139 1,3-Dichlorobenzene	146	12.810	12.810	0.000	98	244888	2.00	2.01	
140 4-Isopropyltoluene	119	12.823	12.823	0.000	97	507767	2.00	1.94	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	762844	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.883	12.883	0.000	96	246726	2.00	1.96	
143 1,2,3-Trimethylbenzene	120	12.896	12.896	0.000	99	201953	2.00	1.99	
144 Benzyl chloride	126	12.963	12.963	0.000	99	30421	2.00	2.05	
145 p-Diethylbenzene	119	13.097	13.097	0.000	94	302010	2.00	1.96	
146 n-Butylbenzene	92	13.115	13.115	0.000	97	238574	2.00	1.93	
147 1,2-Dichlorobenzene	146	13.140	13.140	0.000	98	217259	2.00	2.04	
149 1,2-Dibromo-3-Chloropropane	155	13.688	13.688	0.000	82	10280	2.00	2.06	
150 1,3,5-Trichlorobenzene	180	13.816	13.816	0.000	98	174896	2.00	1.95	
151 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	142676	2.00	1.99	
152 Hexachlorobutadiene	225	14.322	14.322	0.000	96	66184	2.00	1.87	
153 Naphthalene	128	14.420	14.420	0.000	97	233797	2.00	1.99	
154 1,2,3-Trichlorobenzene	180	14.560	14.560	0.000	96	119192	2.00	2.02	
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_00171	Amount Added:	2.00	Units: uL	
MSV_LL_GAS826_00279	Amount Added:	2.00	Units: uL	
MSV_LL_#2_826_00185	Amount Added:	2.00	Units: uL	
MSV_LLcentISS_00016	Amount Added:	5.00	Units: uL	Run Reagent

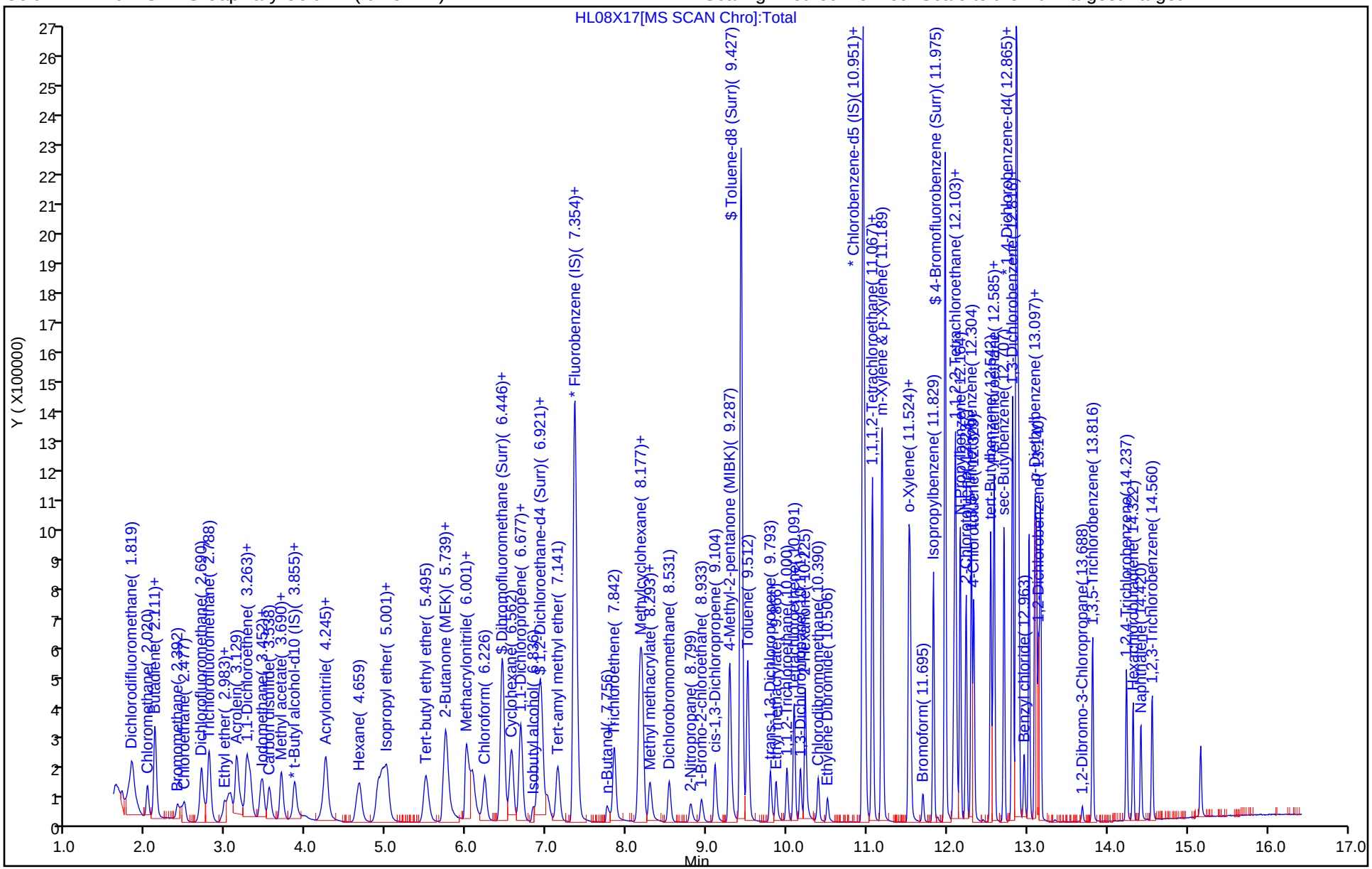
Report Date: 16-Jul-2025 16:05:26 Chrom Revision: 2.3 14-Jul-2025 13:55:14

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X17.D

Injection Date:	09-Jul-2025 06:00:30	Instrument ID:	19094	Operator ID:	gaw91131
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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

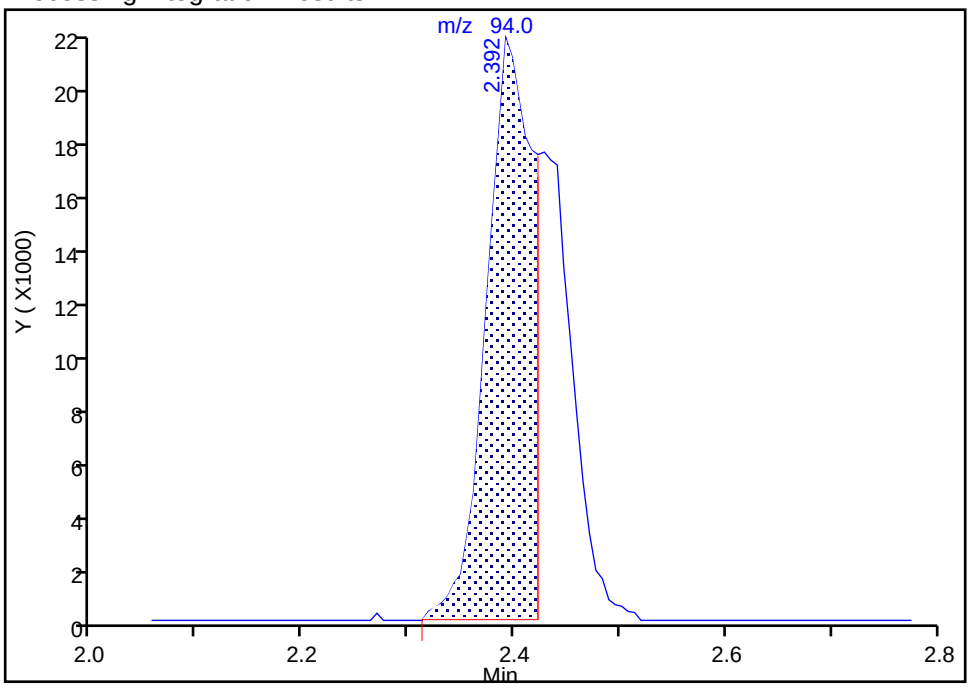
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X17.D
Injection Date: 09-Jul-2025 06:00:30 Instrument ID: 19094
Lims ID: IC std6 2
Client ID:
Operator ID: gaw91131 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

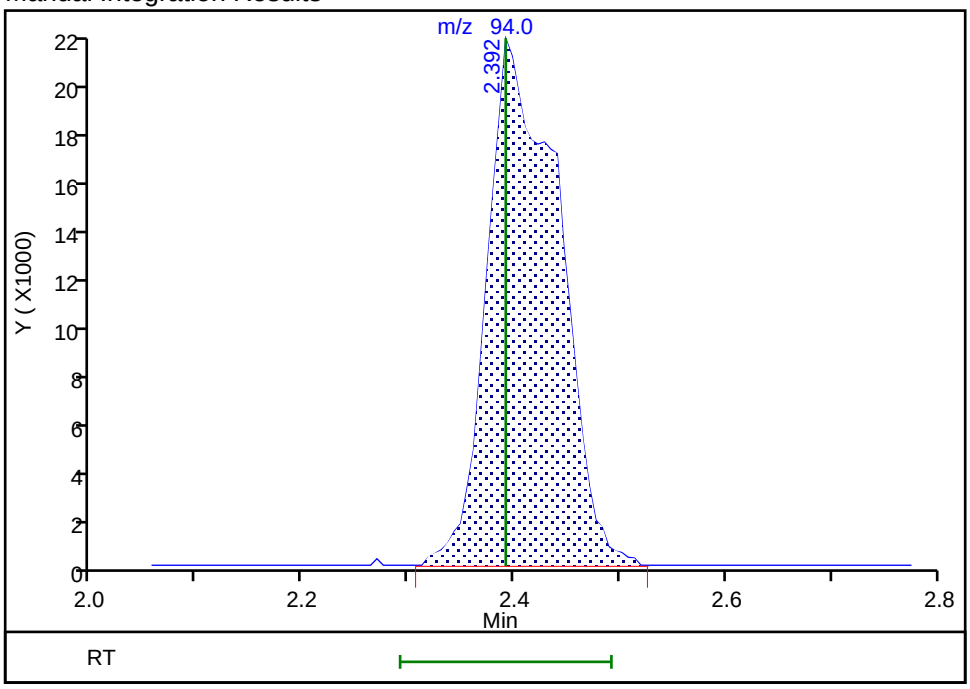
Processing Integration Results

RT: 2.39
Area: 64601
Amount: 1.063054
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 99105
Amount: 1.876802
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:32:07 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

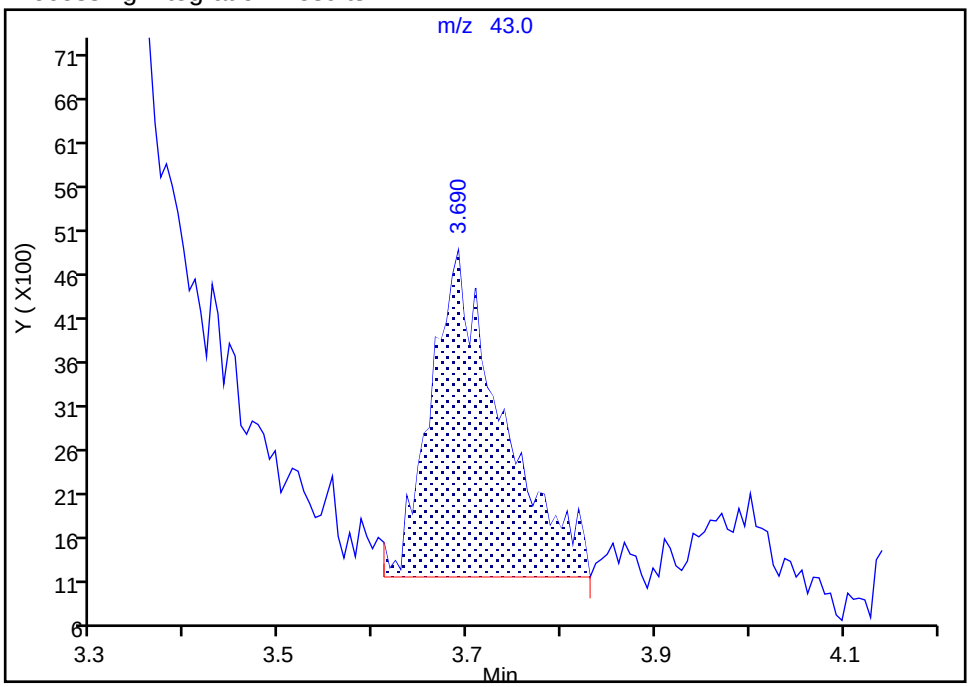
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X17.D				
Injection Date:	09-Jul-2025 06:00:30	Instrument ID:	19094		
Lims ID:	IC std6 2				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

24 Methyl acetate, CAS: 79-20-9

Signal: 1

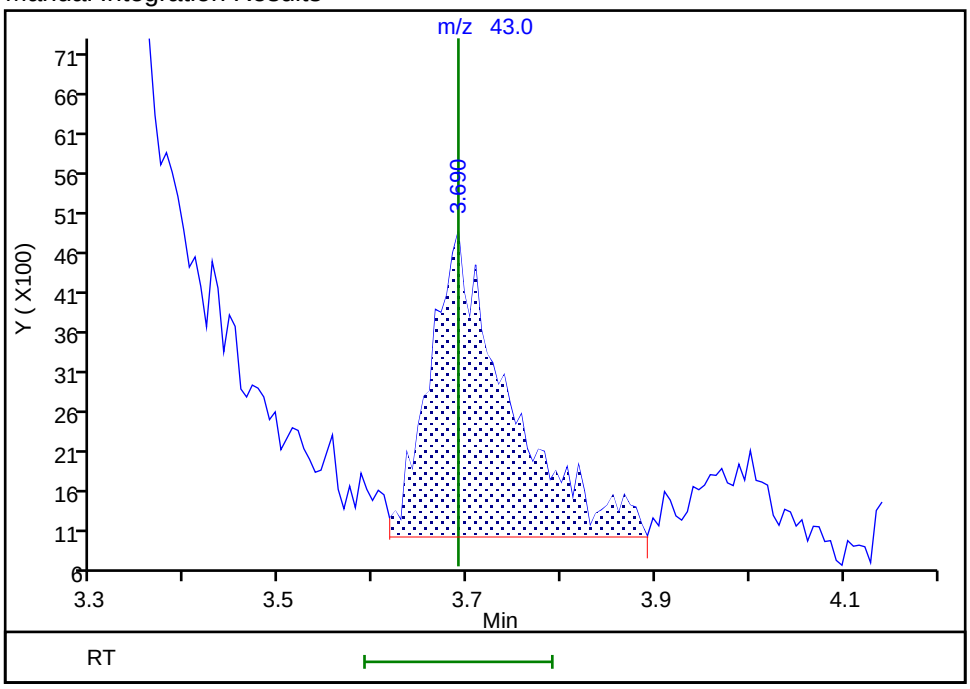
Processing Integration Results

RT: 3.69
Area: 19680
Amount: 0.973259
Amount Units: ug/l



Manual Integration Results

RT: 3.69
Area: 22409
Amount: 1.509307
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:46:09 -04:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

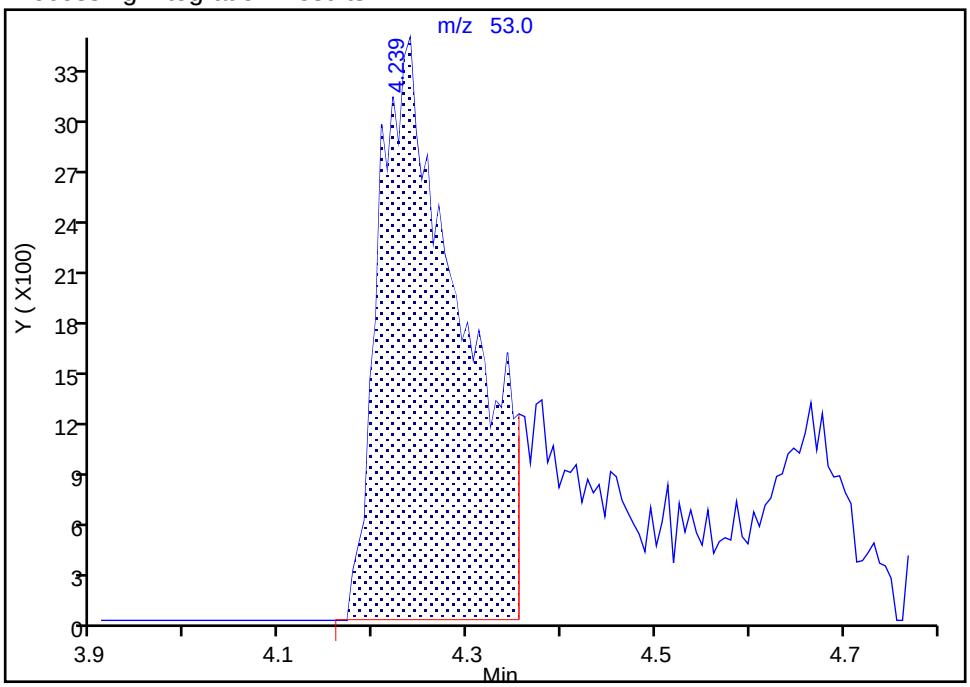
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X17.D
Injection Date: 09-Jul-2025 06:00:30 Instrument ID: 19094
Lims ID: IC std6 2
Client ID:
Operator ID: gaw91131 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

31 Acrylonitrile, CAS: 107-13-1

Signal: 1

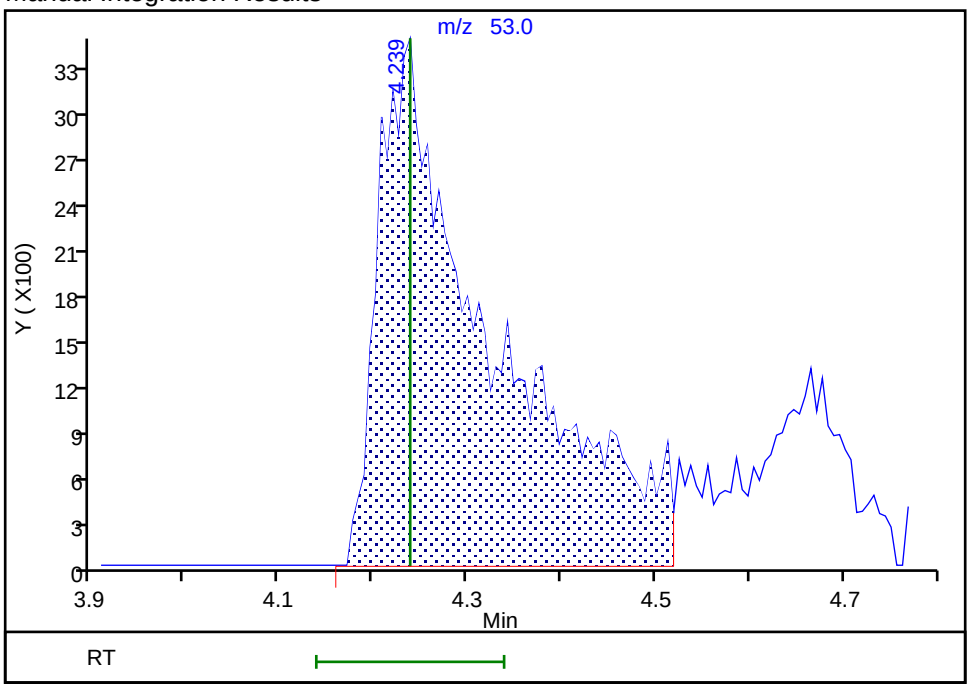
Processing Integration Results

RT: 4.24
Area: 21123
Amount: 3.667950
Amount Units: ug/l



Manual Integration Results

RT: 4.24
Area: 28916
Amount: 4.115255
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:32:29 -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\20250709-152824.b\HL08X18.D
Lims ID: IC std7 5
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 09-Jul-2025 06:21:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152824-019
Misc. Info.: IC STD7 5
Operator ID: gaw91131 Instrument ID: 19094
Sublist: chrom-MSV_19094_25mL*sub1

Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 16-Jul-2025 16:05:32 Calib Date: 09-Jul-2025 07:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1623

First Level Reviewer: JS6E Date: 11-Jul-2025 01:35:25

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	1.831	-0.013	99	302265	5.00	4.81	
5 Chloromethane	50	2.007	2.020	-0.013	99	378525	5.00	4.56	
7 Butadiene	39	2.093	2.111	-0.018	93	385703	5.00	4.84	
6 Vinyl chloride	62	2.111	2.123	-0.012	98	356177	5.00	4.75	
9 Bromomethane	94	2.385	2.392	-0.007	90	252303	5.00	4.74	
10 Chloroethane	64	2.465	2.477	-0.012	100	220980	5.00	4.69	
11 Dichlorofluoromethane	67	2.678	2.690	-0.012	97	601105	5.00	4.77	
12 Trichlorofluoromethane	101	2.776	2.788	-0.012	51	458755	5.00	4.72	
14 Ethyl ether	59	2.965	2.983	-0.018	91	182078	5.00	5.52	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.044	3.056	-0.012	94	347126	5.00	4.79	
16 Acrolein	56	3.111	3.129	-0.018	99	1239479	244.0	297.5	
17 1,1-Dichloroethene	96	3.245	3.251	-0.006	96	253325	5.00	5.16	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.288	3.294	-0.006	93	277462	5.00	5.75	
19 Acetone	43	3.276	3.306	-0.030	38	255788	50.0	50.0	M
21 Iodomethane	142	3.422	3.434	-0.012	99	493850	5.00	5.24	
22 Ethyl bromide	108	3.446	3.458	-0.012	98	222380	4.99	5.36	
23 Carbon disulfide	76	3.525	3.538	-0.013	99	759245	5.00	5.04	
24 Methyl acetate	43	3.660	3.690	-0.030	22	67190	5.00	5.50	M
26 3-Chloro-1-propene	41	3.678	3.690	-0.012	92	489873	5.00	5.05	
27 Methylene Chloride	84	3.842	3.849	-0.007	94	266520	5.00	5.17	
* 28 t-Butyl alcohol-d10 (IS)	65	3.842	3.879	-0.037	33	71966	50.0	50.0	
29 2-Methyl-2-propanol	59	3.946	3.983	-0.037	99	168309	100.0	107.5	
32 Methyl tert-butyl ether	73	4.208	4.221	-0.013	95	592543	5.00	5.25	
31 Acrylonitrile	53	4.190	4.239	-0.049	97	86303	12.5	13.7	
33 trans-1,2-Dichloroethene	96	4.233	4.245	-0.012	98	287503	5.00	5.28	
34 Hexane	57	4.647	4.659	-0.012	93	446874	5.00	5.41	
36 1,1-Dichloroethane	63	4.879	4.891	-0.012	96	559328	5.00	5.32	
37 Isopropyl ether	45	4.940	4.952	-0.012	96	938599	5.00	5.29	
38 2-Chloro-1,3-butadiene	53	4.995	5.013	-0.018	92	488508	5.00	5.37	
40 Tert-butyl ethyl ether	59	5.489	5.495	-0.007	98	822765	5.00	5.34	

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	5.714	-0.024	100	521705	50.0	59.6	
42 cis-1,2-Dichloroethene	96	5.726	5.739	-0.012	83	319304	5.00	5.39	
43 2,2-Dichloropropane	77	5.745	5.751	-0.006	89	473211	5.00	5.14	
44 Propionitrile	54	5.781	5.806	-0.025	99	247792	100.0	113.6	
47 Methacrylonitrile	67	5.988	6.007	-0.019	93	553450	50.0	62.8	
48 Chlorobromomethane	128	6.068	6.080	-0.012	96	120719	5.00	5.39	
49 Tetrahydrofuran	71	6.074	6.098	-0.024	67	70382	25.0	28.6	
S 46 1,2-Dichloroethene, Total	100				0			10.7	
50 Chloroform	83	6.214	6.226	-0.012	94	512582	5.00	5.25	
$ 52 Dibromofluoromethane (Surr)	113	6.440	6.446	-0.006	94	449518	10.0	10.0	
53 1,1,1-Trichloroethane	97	6.452	6.458	-0.006	99	471646	5.00	5.16	
54 Cyclohexane	56	6.555	6.562	-0.007	92	563474	5.00	5.02	
56 Carbon tetrachloride	117	6.671	6.677	-0.006	84	411604	5.00	5.33	
55 1,1-Dichloropropene	75	6.671	6.677	-0.006	95	445120	5.00	5.28	
57 Isobutyl alcohol	41	6.824	6.836	-0.012	94	149869	250.0	245.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.897	6.903	-0.006	94	79921	10.0	9.81	
59 Benzene	78	6.933	6.933	0.000	97	1238147	5.00	5.16	
60 1,2-Dichloroethane	62	7.000	7.007	-0.007	97	284381	5.00	5.28	
63 Tert-amyl methyl ether	73	7.135	7.141	-0.006	98	680442	5.00	5.11	
* 64 Fluorobenzene (IS)	96	7.348	7.348	0.000	98	1935362	10.0	10.0	
65 n-Heptane	43	7.372	7.372	0.000	93	446501	5.00	5.11	
67 n-Butanol	56	7.738	7.756	-0.018	89	212286	437.5	428.0	
68 Trichloroethene	95	7.836	7.842	-0.006	99	324806	5.00	5.17	
69 Methylcyclohexane	83	8.153	8.159	-0.006	93	565122	5.00	5.17	
70 1,2-Dichloropropane	63	8.171	8.171	0.000	97	312143	5.00	5.42	
71 2-ethoxy-2-methyl butane	87	8.195	8.195	0.000	93	463888	5.00	5.32	
72 Methyl methacrylate	69	8.268	8.287	-0.019	95	107390	5.00	5.98	
73 1,4-Dioxane	88	8.287	8.287	0.000	30	21502	250.0	226.5	
74 Dibromomethane	93	8.287	8.293	-0.006	96	118264	5.00	5.54	
76 Dichlorobromomethane	83	8.524	8.531	-0.007	99	340773	5.00	5.30	
77 2-Nitropropane	41	8.793	8.799	-0.006	98	157146	25.0	28.2	
79 1-Bromo-2-chloroethane	63	8.927	8.933	-0.006	99	258324	5.00	5.02	
80 cis-1,3-Dichloropropene	75	9.098	9.104	-0.006	95	433233	5.00	5.51	
82 4-Methyl-2-pentanone (MIBK)	43	9.280	9.287	-0.007	97	1392531	50.0	55.8	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1925363	10.0	10.0	
84 Toluene	92	9.506	9.512	-0.006	98	782001	5.00	5.26	
85 trans-1,3-Dichloropropene	75	9.786	9.793	-0.007	93	333398	5.00	5.66	
104 Ethyl methacrylate	69	9.860	9.866	-0.006	90	242524	5.00	5.83	
106 1,1,2-Trichloroethane	97	9.994	10.000	-0.006	91	169067	5.00	5.12	
S 105 1,3-Dichloropropene, Total	100				0			11.2	
107 Tetrachloroethene	166	10.085	10.091	-0.006	98	369012	5.00	5.25	
108 1,3-Dichloropropane	76	10.164	10.171	-0.007	91	310635	5.00	5.41	
109 2-Hexanone	43	10.219	10.225	-0.006	97	949481	50.0	59.6	
111 Chlorodibromomethane	129	10.390	10.390	0.000	90	218816	5.00	5.37	
112 Ethylene Dibromide	107	10.500	10.506	-0.006	98	159363	5.00	5.56	
* 113 Chlorobenzene-d5 (IS)	117	10.945	10.951	-0.006	86	1379202	10.0	10.0	
114 1-Chlorohexane	91	10.963	10.963	0.000	98	450650	5.00	4.81	
115 Chlorobenzene	112	10.975	10.975	0.000	94	825184	5.00	5.25	
116 1,1,1,2-Tetrachloroethane	131	11.061	11.061	0.000	96	279129	5.00	5.39	
117 Ethylbenzene	91	11.067	11.067	0.000	99	1556361	5.00	5.30	
119 m-Xylene & p-Xylene	106	11.183	11.189	-0.007	100	1195288	10.0	10.7	
S 118 Xylenes, Total	106				0			16.1	

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	11.518	11.524	-0.006	97	573083	5.00	5.42	
121 Styrene	104	11.536	11.542	-0.006	94	910777	5.00	5.37	
122 Bromoform	173	11.695	11.701	-0.006	97	122749	5.00	5.82	
123 Isopropylbenzene	105	11.829	11.829	0.000	96	1383452	5.00	5.35	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	696910	10.0	10.1	
127 1,1,2,2-Tetrachloroethane	83	12.073	12.079	-0.006	92	202504	5.00	5.36	
128 Bromobenzene	156	12.091	12.091	0.000	95	327504	5.00	5.34	
129 trans-1,4-Dichloro-2-butene	53	12.103	12.103	0.000	91	555194	50.0	60.2	
130 1,2,3-Trichloropropane	110	12.121	12.121	0.000	79	51950	5.00	5.49	
131 N-Propylbenzene	91	12.164	12.164	0.000	99	1808682	5.00	5.30	
132 2-Chlorotoluene	126	12.237	12.237	0.000	96	350817	5.00	5.39	
133 1,3,5-Trimethylbenzene	105	12.298	12.304	-0.006	94	1283556	5.00	5.38	
134 4-Chlorotoluene	126	12.329	12.335	-0.006	98	356779	5.00	5.44	
135 tert-Butylbenzene	134	12.542	12.542	0.000	94	278845	5.00	5.29	
136 Pentachloroethane	167	12.572	12.573	-0.001	93	199649	5.00	5.75	
137 1,2,4-Trimethylbenzene	105	12.585	12.585	0.000	97	1302169	5.00	5.37	
138 sec-Butylbenzene	105	12.707	12.707	0.000	94	1644421	5.00	5.35	
139 1,3-Dichlorobenzene	146	12.804	12.810	-0.006	98	662850	5.00	5.40	
140 4-Isopropyltoluene	119	12.822	12.823	0.000	97	1424244	5.00	5.40	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	94	766613	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.883	12.883	0.000	94	661485	5.00	5.24	
143 1,2,3-Trimethylbenzene	120	12.889	12.896	-0.007	99	548633	5.00	5.37	
144 Benzyl chloride	126	12.957	12.963	-0.006	99	85767	5.00	5.76	
145 p-Diethylbenzene	119	13.097	13.097	0.000	94	842513	5.00	5.45	
146 n-Butylbenzene	92	13.115	13.115	0.000	98	686136	5.00	5.52	
147 1,2-Dichlorobenzene	146	13.139	13.140	-0.001	98	584222	5.00	5.46	
149 1,2-Dibromo-3-Chloropropane	155	13.688	13.688	0.000	87	27817	5.00	5.55	
150 1,3,5-Trichlorobenzene	180	13.816	13.816	0.000	98	493194	5.00	5.48	
151 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	93	399683	5.00	5.54	
152 Hexachlorobutadiene	225	14.322	14.322	0.000	96	194652	5.00	5.46	
153 Naphthalene	128	14.414	14.420	-0.006	97	629216	5.00	5.33	
154 1,2,3-Trichlorobenzene	180	14.560	14.560	0.000	96	326758	5.00	5.52	
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_00171	Amount Added:	5.00	Units: uL	
MSV_LL_GAS826_00279	Amount Added:	5.00	Units: uL	
MSV_LL_#2_826_00185	Amount Added:	5.00	Units: uL	
MSV_LLcentISS_00016	Amount Added:	5.00	Units: uL	Run Reagent

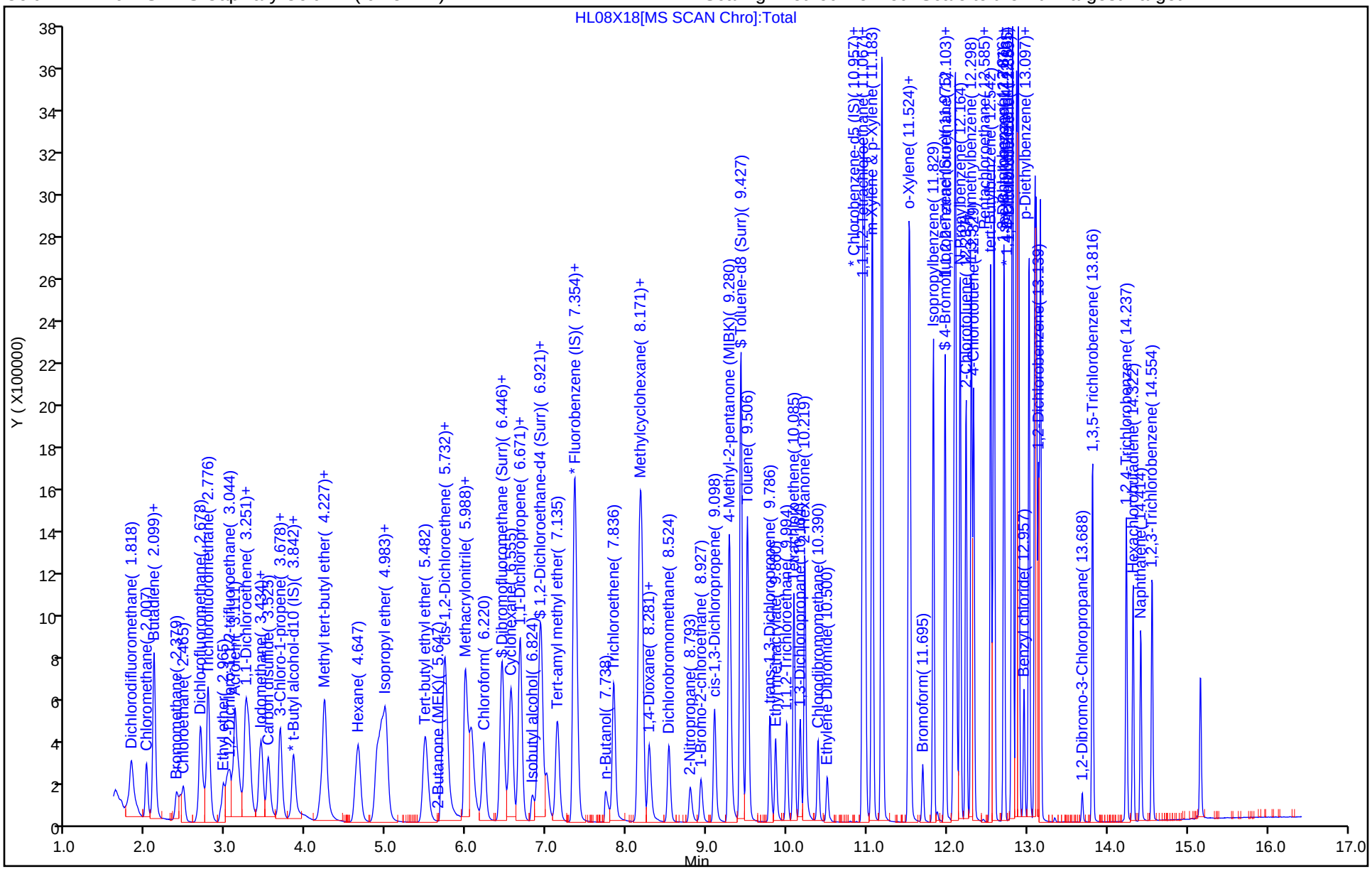
Report Date: 16-Jul-2025 16:05:33 Chrom Revision: 2.3 14-Jul-2025 13:55:14

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X18.D

Injection Date:	09-Jul-2025 06:21:30	Instrument ID:	19094	Operator ID:	gaw91131
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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

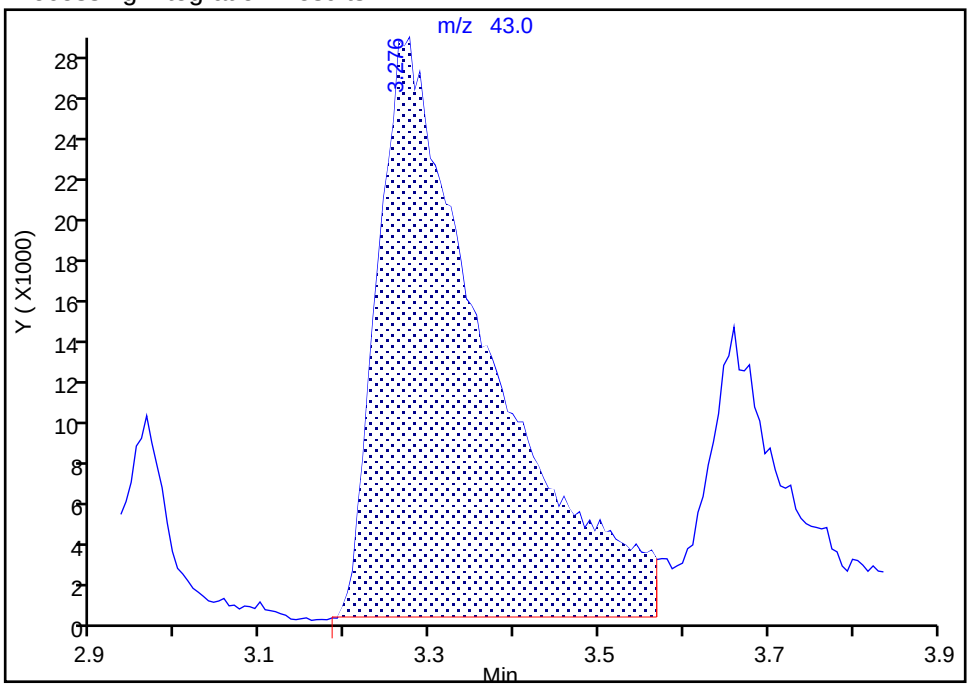
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X18.D				
Injection Date:	09-Jul-2025 06:21:30	Instrument ID:	19094		
Lims ID:	IC std7 5				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

19 Acetone, CAS: 67-64-1

Signal: 1

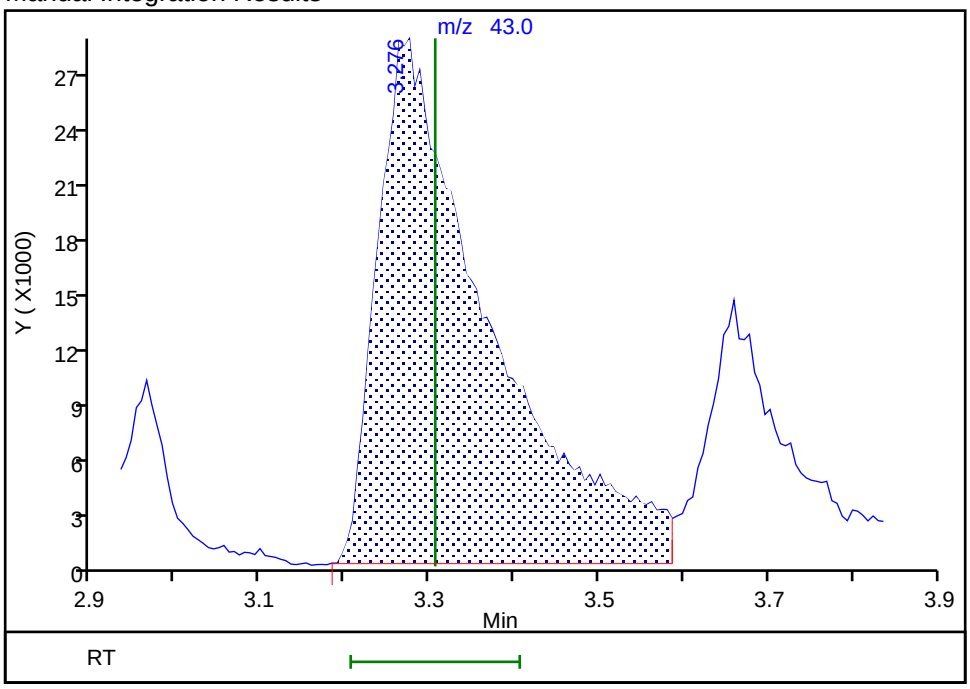
Processing Integration Results

RT: 3.28
Area: 252847
Amount: 49.527172
Amount Units: ug/l



Manual Integration Results

RT: 3.28
Area: 255788
Amount: 50.031195
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:34:33 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

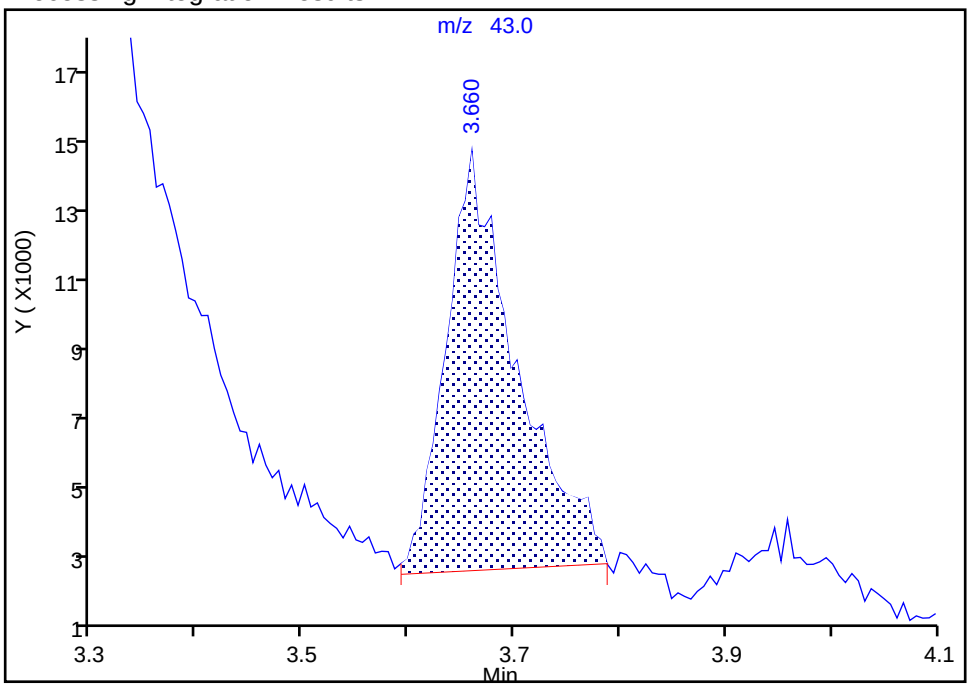
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X18.D				
Injection Date:	09-Jul-2025 06:21:30	Instrument ID:	19094		
Lims ID:	IC std7 5				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

24 Methyl acetate, CAS: 79-20-9

Signal: 1

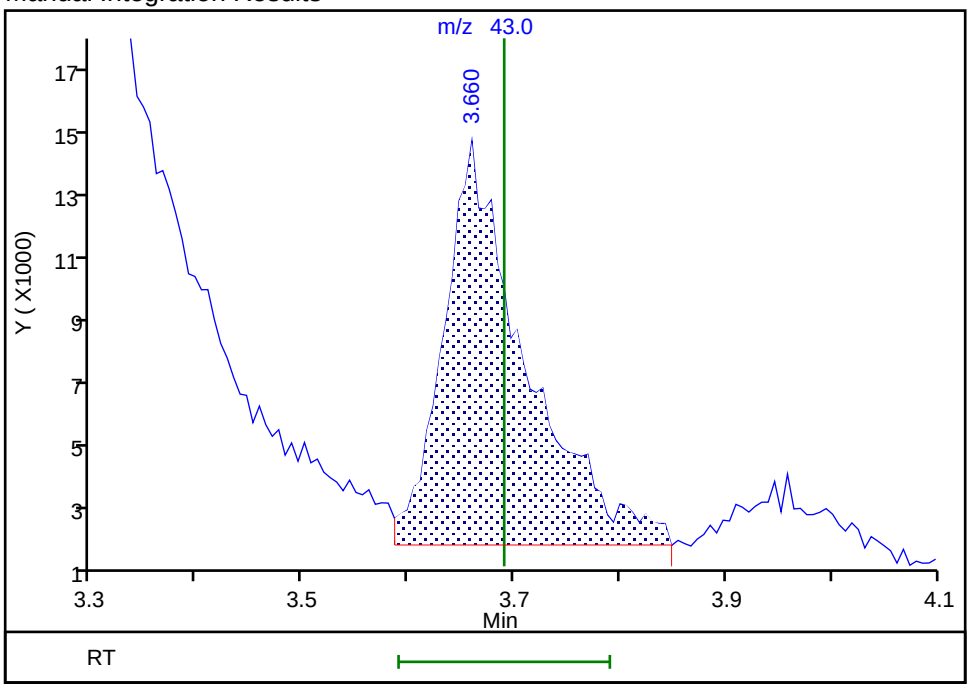
Processing Integration Results

RT: 3.66
Area: 53794
Amount: 3.233700
Amount Units: ug/l



Manual Integration Results

RT: 3.66
Area: 67190
Amount: 5.498289
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:34:57 -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\20250709-152824.b\HL08X19.D
Lims ID: ICIS 10
Client ID:
Sample Type: ICIS Calib Level: 8
Inject. Date: 09-Jul-2025 06:41:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152824-020
Misc. Info.: IC STD8 10
Operator ID: gaw91131 Instrument ID: 19094
Sublist: chrom-MSV_19094_25mL*sub1

Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 16-Jul-2025 16:05:39 Calib Date: 09-Jul-2025 07:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1623

First Level Reviewer: JS6E Date: 11-Jul-2025 01:04:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.831	1.831	0.000	100	624423	10.0	9.81	
5 Chloromethane	50	2.013	2.013	0.000	99	718011	10.0	8.54	
7 Butadiene	39	2.105	2.105	0.000	92	763286	10.0	9.45	
6 Vinyl chloride	62	2.123	2.123	0.000	98	716713	10.0	9.43	
9 Bromomethane	94	2.391	2.391	0.000	90	499257	10.0	9.25	M
10 Chloroethane	64	2.477	2.477	0.000	100	442356	10.0	9.27	
11 Dichlorofluoromethane	67	2.690	2.690	0.000	97	1202204	10.0	9.42	
12 Trichlorofluoromethane	101	2.788	2.788	0.000	89	938347	10.0	9.52	
14 Ethyl ether	59	2.971	2.971	0.000	92	368397	10.0	11.0	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.050	3.050	0.000	94	711711	10.0	9.68	
16 Acrolein	56	3.117	3.117	0.000	99	2465164	487.9	561.5	
17 1,1-Dichloroethene	96	3.251	3.251	0.000	97	499068	10.0	10.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.294	3.294	0.000	94	556026	10.0	11.4	
19 Acetone	43	3.275	3.275	0.000	97	505514	100.0	93.8	
21 Iodomethane	142	3.434	3.434	0.000	99	959180	10.0	10.0	
22 Ethyl bromide	108	3.458	3.458	0.000	98	442823	9.99	10.5	
23 Carbon disulfide	76	3.531	3.531	0.000	99	1481226	10.0	9.70	
24 Methyl acetate	43	3.660	3.660	0.000	95	140269	10.0	10.9	M
26 3-Chloro-1-propene	41	3.684	3.684	0.000	92	952934	10.0	9.69	
27 Methylene Chloride	84	3.855	3.855	0.000	95	515378	10.0	9.87	
* 28 t-Butyl alcohol-d10 (IS)	65	3.891	3.891	0.000	95	75826	50.0	50.0	
29 2-Methyl-2-propanol	59	3.995	3.995	0.000	100	336309	200.0	203.9	
32 Methyl tert-butyl ether	73	4.214	4.214	0.000	96	1162506	10.0	10.2	
31 Acrylonitrile	53	4.184	4.184	0.000	98	177072	25.0	26.3	
33 trans-1,2-Dichloroethene	96	4.239	4.239	0.000	97	554106	10.0	10.0	
34 Hexane	57	4.659	4.659	0.000	93	908221	10.0	10.8	
36 1,1-Dichloroethane	63	4.891	4.891	0.000	96	1086565	10.0	10.2	
37 Isopropyl ether	45	4.952	4.952	0.000	95	1840317	10.0	10.2	
38 2-Chloro-1,3-butadiene	53	5.001	5.001	0.000	91	959967	10.0	10.4	
40 Tert-butyl ethyl ether	59	5.495	5.495	0.000	98	1611520	10.0	10.3	

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	1035047	100.0	112.2	
42 cis-1,2-Dichloroethene	96	5.732	5.732	0.000	84	618692	10.0	10.3	
43 2,2-Dichloropropane	77	5.744	5.744	0.000	89	927098	10.0	9.94	
44 Propionitrile	54	5.775	5.775	0.000	98	547505	200.0	238.1	
47 Methacrylonitrile	67	5.988	5.988	0.000	93	1088759	100.0	117.3	
48 Chlorobromomethane	128	6.068	6.068	0.000	96	237208	10.0	10.4	
49 Tetrahydrofuran	71	6.080	6.080	0.000	70	144123	50.0	55.6	
50 Chloroform	83	6.226	6.226	0.000	94	1002345	10.0	10.1	
$ 52 Dibromofluoromethane (Surr)	113	6.446	6.446	0.000	93	457348	10.0	10.0	
53 1,1,1-Trichloroethane	97	6.458	6.458	0.000	99	926264	10.0	10.0	
54 Cyclohexane	56	6.561	6.561	0.000	91	1145978	10.0	10.1	
56 Carbon tetrachloride	117	6.677	6.677	0.000	85	817391	10.0	10.4	
55 1,1-Dichloropropene	75	6.677	6.677	0.000	95	880653	10.0	10.3	
57 Isobutyl alcohol	41	6.824	6.824	0.000	95	320353	500.0	497.2	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.897	6.897	0.000	84	82019	10.0	9.93	
59 Benzene	78	6.939	6.939	0.000	97	2429128	10.0	10.0	
60 1,2-Dichloroethane	62	7.006	7.006	0.000	97	541725	10.0	9.93	
63 Tert-amyl methyl ether	73	7.141	7.141	0.000	98	1335257	10.0	9.89	
* 64 Fluorobenzene (IS)	96	7.354	7.354	0.000	99	1961552	10.0	10.0	
65 n-Heptane	43	7.372	7.372	0.000	93	904590	10.0	10.2	
67 n-Butanol	56	7.732	7.732	0.000	89	485627	875.0	886.8	
68 Trichloroethene	95	7.842	7.842	0.000	98	634809	10.0	9.97	
69 Methylcyclohexane	83	8.159	8.159	0.000	93	1145666	10.0	10.3	
70 1,2-Dichloropropane	63	8.177	8.177	0.000	86	612112	10.0	10.5	
71 2-ethoxy-2-methyl butane	87	8.195	8.195	0.000	92	917266	10.0	10.4	
72 Methyl methacrylate	69	8.268	8.268	0.000	94	218897	10.0	11.6	
73 1,4-Dioxane	88	8.287	8.287	0.000	33	48472	500.0	457.5	
74 Dibromomethane	93	8.287	8.287	0.000	98	238541	10.0	11.0	
76 Dichlorobromomethane	83	8.531	8.531	0.000	99	680527	10.0	10.4	
77 2-Nitropropane	41	8.793	8.793	0.000	97	311668	50.0	53.1	
79 1-Bromo-2-chloroethane	63	8.927	8.927	0.000	99	523216	10.0	10.0	
80 cis-1,3-Dichloropropene	75	9.097	9.097	0.000	96	863378	10.0	10.8	
82 4-Methyl-2-pentanone (MIBK)	43	9.280	9.280	0.000	97	2766816	100.0	105.3	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	93	1953391	10.0	10.1	
84 Toluene	92	9.506	9.506	0.000	98	1523359	10.0	10.1	
85 trans-1,3-Dichloropropene	75	9.786	9.786	0.000	94	664468	10.0	11.1	
104 Ethyl methacrylate	69	9.860	9.860	0.000	90	480377	10.0	11.4	
106 1,1,2-Trichloroethane	97	10.000	10.000	0.000	91	332280	10.0	9.94	
107 Tetrachloroethene	166	10.091	10.091	0.000	98	725515	10.0	10.2	
108 1,3-Dichloropropane	76	10.164	10.164	0.000	92	609210	10.0	10.5	
109 2-Hexanone	43	10.219	10.219	0.000	97	1897130	100.0	113.0	
111 Chlorodibromomethane	129	10.390	10.390	0.000	90	442033	10.0	10.7	
112 Ethylene Dibromide	107	10.500	10.500	0.000	99	319837	10.0	11.0	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1396688	10.0	10.0	
114 1-Chlorohexane	91	10.963	10.963	0.000	98	886843	10.0	9.36	
115 Chlorobenzene	112	10.975	10.975	0.000	94	1613732	10.0	10.1	
116 1,1,1,2-Tetrachloroethane	131	11.060	11.060	0.000	95	555115	10.0	10.6	
117 Ethylbenzene	91	11.067	11.067	0.000	98	3052167	10.0	10.3	
119 m-Xylene & p-Xylene	106	11.189	11.189	0.000	100	2340303	20.0	20.7	
120 o-Xylene	106	11.518	11.518	0.000	97	1124598	10.0	10.5	
121 Styrene	104	11.536	11.536	0.000	94	1806603	10.0	10.5	
122 Bromoform	173	11.695	11.695	0.000	97	248060	10.0	11.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
123 Isopropylbenzene	105	11.829	11.829	0.000	96	2704279	10.0	10.3	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	699215	10.0	9.97	
127 1,1,2,2-Tetrachloroethane	83	12.079	12.079	0.000	92	397340	10.0	10.4	
128 Bromobenzene	156	12.091	12.091	0.000	95	642588	10.0	10.4	
129 trans-1,4-Dichloro-2-butene	53	12.103	12.103	0.000	91	1108654	100.0	114.2	
130 1,2,3-Trichloropropane	110	12.121	12.121	0.000	79	103598	10.0	10.8	
131 N-Propylbenzene	91	12.164	12.164	0.000	99	3572093	10.0	10.4	
132 2-Chlorotoluene	126	12.237	12.237	0.000	96	689581	10.0	10.5	
133 1,3,5-Trimethylbenzene	105	12.304	12.304	0.000	93	2521045	10.0	10.4	
134 4-Chlorotoluene	126	12.329	12.329	0.000	98	688971	10.0	10.4	
135 tert-Butylbenzene	134	12.542	12.542	0.000	93	571835	10.0	10.7	
136 Pentachloroethane	167	12.572	12.572	0.000	94	411223	10.0	11.7	
137 1,2,4-Trimethylbenzene	105	12.585	12.585	0.000	97	2561134	10.0	10.5	
138 sec-Butylbenzene	105	12.707	12.707	0.000	94	3261820	10.0	10.5	
139 1,3-Dichlorobenzene	146	12.804	12.804	0.000	98	1318028	10.0	10.6	
140 4-Isopropyltoluene	119	12.822	12.822	0.000	97	2827837	10.0	10.6	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	775184	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.883	12.883	0.000	94	1299870	10.0	10.2	
143 1,2,3-Trimethylbenzene	120	12.889	12.889	0.000	99	1070213	10.0	10.4	
144 Benzyl chloride	126	12.956	12.956	0.000	99	171072	10.0	11.4	
145 p-Diethylbenzene	119	13.097	13.097	0.000	93	1676907	10.0	10.7	
146 n-Butylbenzene	92	13.115	13.115	0.000	97	1374829	10.0	10.9	
147 1,2-Dichlorobenzene	146	13.139	13.139	0.000	98	1145202	10.0	10.6	
149 1,2-Dibromo-3-Chloropropane	155	13.688	13.688	0.000	86	55579	10.0	11.0	
150 1,3,5-Trichlorobenzene	180	13.816	13.816	0.000	97	973645	10.0	10.7	
151 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	789615	10.0	10.8	
152 Hexachlorobutadiene	225	14.322	14.322	0.000	95	389062	10.0	10.8	
153 Naphthalene	128	14.414	14.414	0.000	97	1262412	10.0	10.6	
154 1,2,3-Trichlorobenzene	180	14.560	14.560	0.000	96	652335	10.0	10.9	
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_00171	Amount Added:	10.00	Units: uL	
MSV_LL_GAS826_00279	Amount Added:	10.00	Units: uL	
MSV_LL_#2_826_00185	Amount Added:	10.00	Units: uL	
MSV_LLcentISS_00016	Amount Added:	5.00	Units: uL	Run Reagent

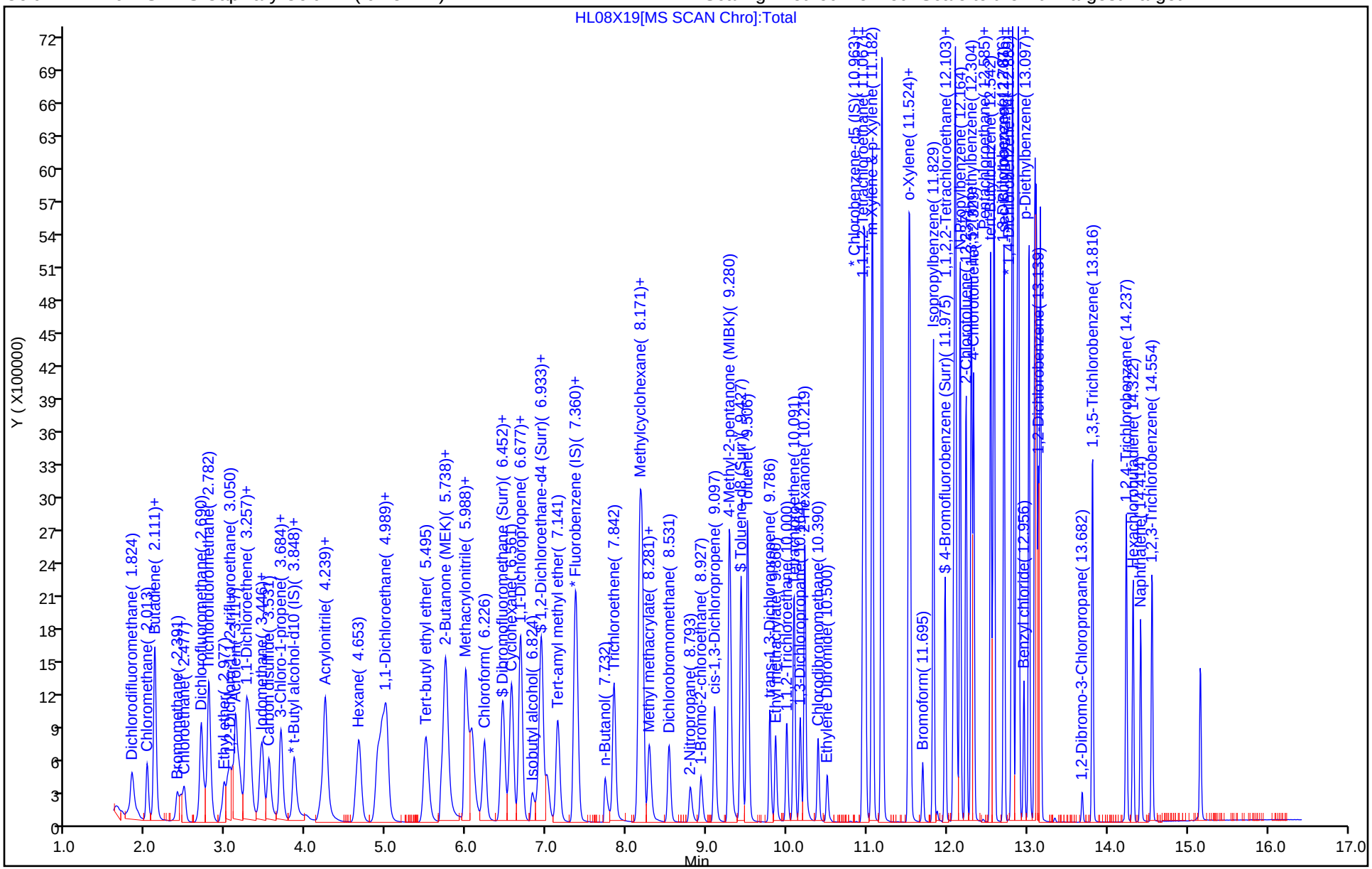
Report Date: 16-Jul-2025 16:05:40 Chrom Revision: 2.3 14-Jul-2025 13:55:14

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X19.D

Injection Date:	09-Jul-2025 06:41:30	Instrument ID:	19094	Operator ID:	gaw91131
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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

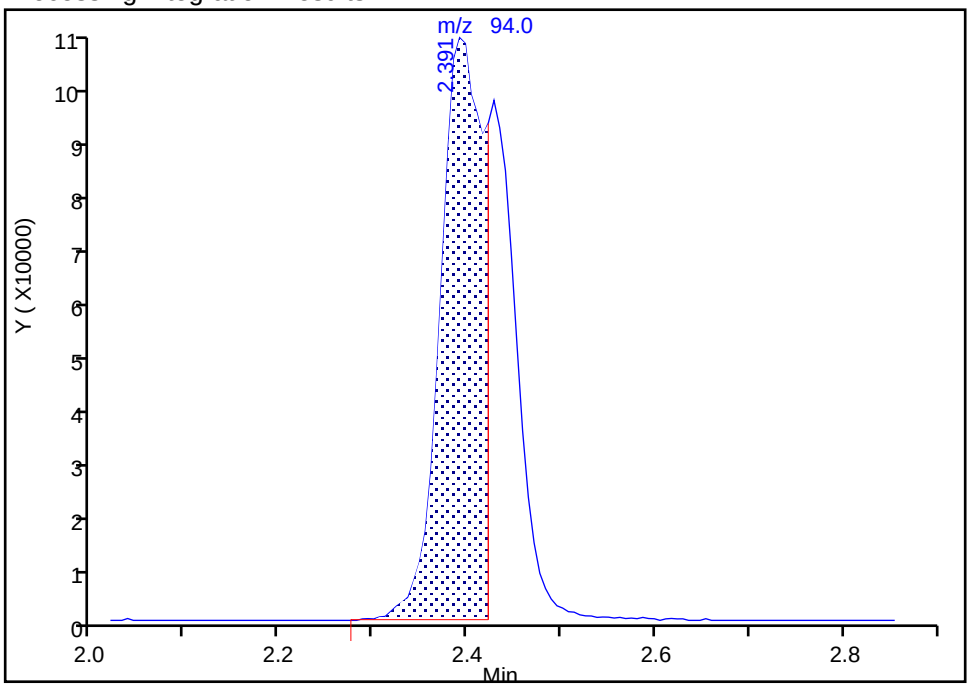
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X19.D
Injection Date: 09-Jul-2025 06:41:30 Instrument ID: 19094
Lims ID: ICIS 10
Client ID:
Operator ID: gaw91131 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

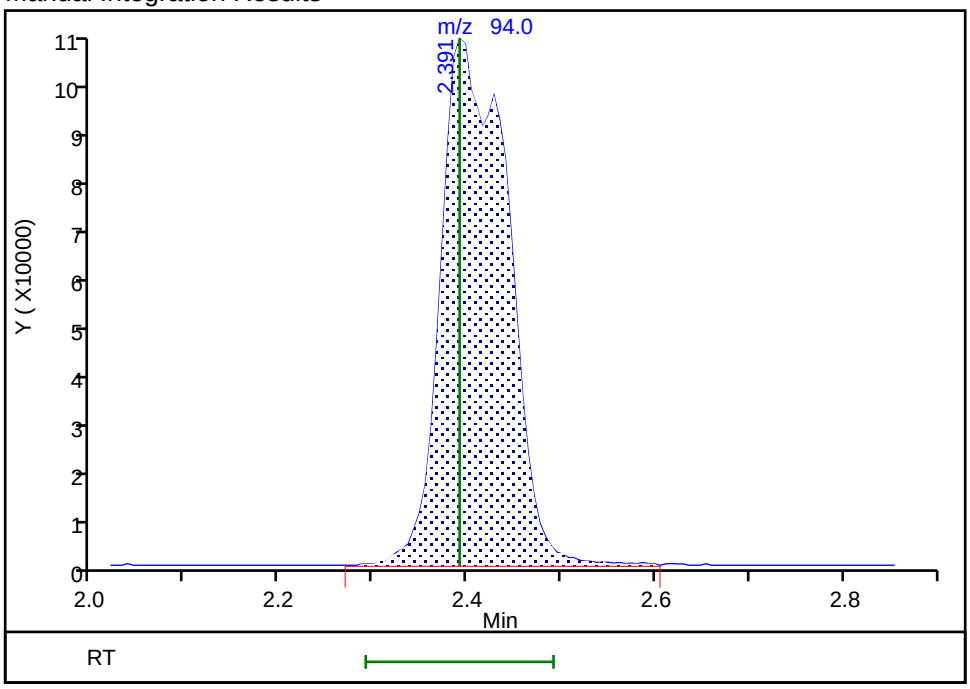
Processing Integration Results

RT: 2.39
Area: 330057
Amount: 6.715901
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 499257
Amount: 9.248846
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:03:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

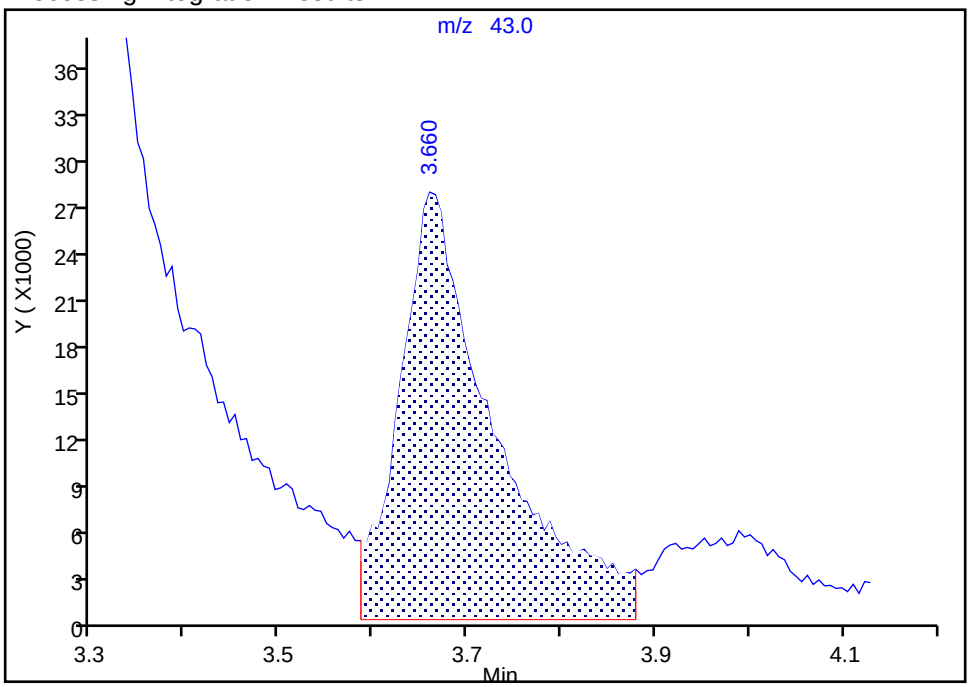
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X19.D
Injection Date: 09-Jul-2025 06:41:30 Instrument ID: 19094
Lims ID: ICIS 10
Client ID:
Operator ID: gaw91131 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

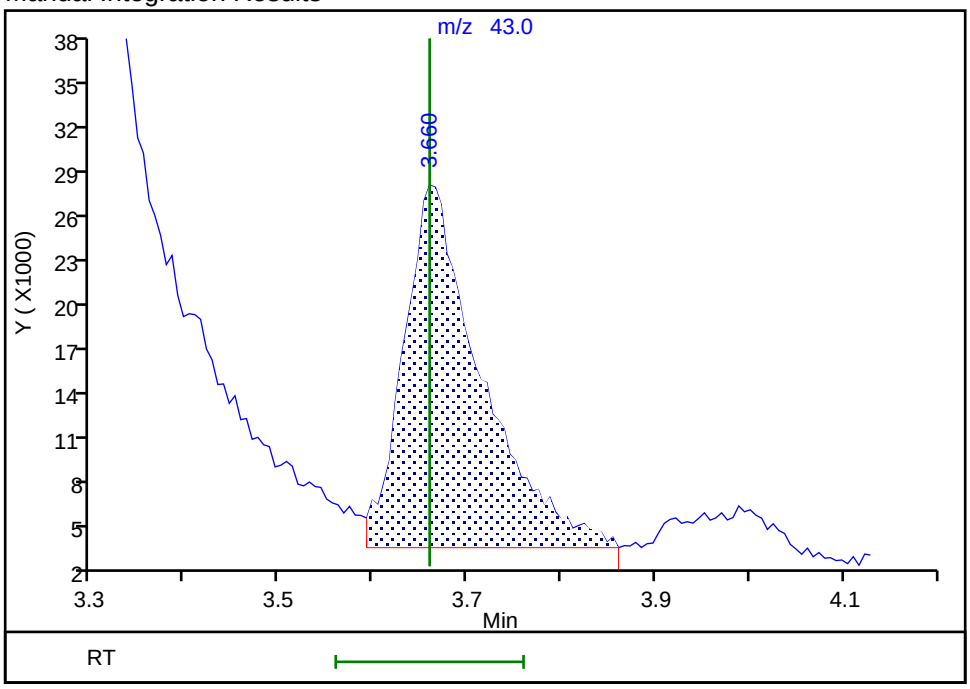
Processing Integration Results

RT: 3.66
Area: 192917
Amount: 10.133415
Amount Units: ug/l



Manual Integration Results

RT: 3.66
Area: 140269
Amount: 10.894162
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:04:23 -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\20250709-152824.b\HL08X20.D
Lims ID: IC std9 25
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 09-Jul-2025 07:02:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152824-021
Misc. Info.: IC STD9 25
Operator ID: gaw91131 Instrument ID: 19094
Sublist: chrom-MSV_19094_25mL*sub1

Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 16-Jul-2025 16:05:46 Calib Date: 09-Jul-2025 07:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1623

First Level Reviewer: JS6E Date: 11-Jul-2025 01:07:21

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	1.831	-0.013	99	1507706	25.0	23.4	
5 Chloromethane	50	2.007	2.013	-0.006	99	1830828	25.0	21.5	
7 Butadiene	39	2.099	2.105	-0.006	91	1814391	25.0	22.2	
6 Vinyl chloride	62	2.111	2.123	-0.012	98	1721907	25.0	22.4	
9 Bromomethane	94	2.422	2.391	0.031	90	1242644	25.0	22.7	M
10 Chloroethane	64	2.465	2.477	-0.012	100	1113888	25.0	23.1	
11 Dichlorofluoromethane	67	2.678	2.690	-0.012	97	2999151	25.0	23.2	
12 Trichlorofluoromethane	101	2.776	2.788	-0.012	98	2273664	25.0	22.8	
14 Ethyl ether	59	2.965	2.971	-0.006	92	922980	25.0	27.3	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.044	3.050	-0.006	94	1771846	25.0	23.8	
16 Acrolein	56	3.111	3.117	-0.006	99	5850045	1219.9	1224.5	
17 1,1-Dichloroethene	96	3.245	3.251	-0.006	97	1225652	25.0	24.3	
19 Acetone	43	3.269	3.275	-0.006	100	1227790	250.0	209.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.282	3.294	-0.012	93	1339738	25.0	27.1	
21 Iodomethane	142	3.422	3.434	-0.012	99	2342180	25.0	24.2	
22 Ethyl bromide	108	3.446	3.458	-0.012	98	1114461	25.0	26.2	
23 Carbon disulfide	76	3.525	3.531	-0.006	99	3702011	25.0	24.0	
24 Methyl acetate	43	3.653	3.660	-0.007	96	386860	25.0	27.6	M
26 3-Chloro-1-propene	41	3.672	3.684	-0.012	92	2383763	25.0	24.0	
27 Methylene Chloride	84	3.836	3.855	-0.019	94	1278663	25.0	24.2	
* 28 t-Butyl alcohol-d10 (IS)	65	3.873	3.891	-0.018	95	82517	50.0	50.0	
29 2-Methyl-2-propanol	59	3.970	3.995	-0.025	100	900300	500.0	501.5	
31 Acrylonitrile	53	4.147	4.184	-0.037	99	458127	62.5	61.8	
32 Methyl tert-butyl ether	73	4.214	4.214	0.000	95	2850495	25.0	24.6	
33 trans-1,2-Dichloroethene	96	4.227	4.239	-0.013	97	1379887	25.0	24.7	
34 Hexane	57	4.647	4.659	-0.012	94	2198846	25.0	26.0	
36 1,1-Dichloroethane	63	4.879	4.891	-0.012	96	2693367	25.0	25.0	
37 Isopropyl ether	45	4.940	4.952	-0.012	94	4574470	25.0	25.1	
38 2-Chloro-1,3-butadiene	53	4.995	5.001	-0.006	91	2411612	25.0	25.8	
40 Tert-butyl ethyl ether	59	5.488	5.495	-0.006	98	3963662	25.0	25.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
41 2-Butanone (MEK)	43	5.677	5.690	-0.013	100	2437557	250.0	242.8	
42 cis-1,2-Dichloroethene	96	5.726	5.732	-0.006	84	1534308	25.0	25.3	
43 2,2-Dichloropropane	77	5.745	5.744	0.000	88	2289186	25.0	24.3	
44 Propionitrile	54	5.763	5.775	-0.012	99	1271828	500.0	508.3	
47 Methacrylonitrile	67	5.988	5.988	0.000	93	2641135	250.0	261.5	
48 Chlorobromomethane	128	6.068	6.068	0.000	97	578086	25.0	25.1	
49 Tetrahydrofuran	71	6.074	6.080	-0.006	80	337883	125.0	119.7	
S 46 1,2-Dichloroethene, Total	100				0			50.0	
50 Chloroform	83	6.220	6.226	-0.006	94	2476585	25.0	24.7	
$ 52 Dibromofluoromethane (Surr)	113	6.439	6.446	-0.007	94	458587	10.0	9.95	
53 1,1,1-Trichloroethane	97	6.452	6.458	-0.006	99	2290094	25.0	24.4	
54 Cyclohexane	56	6.555	6.561	-0.006	91	2790308	25.0	24.2	
56 Carbon tetrachloride	117	6.671	6.677	-0.006	82	2038956	25.0	25.8	
55 1,1-Dichloropropene	75	6.671	6.677	-0.006	95	2205717	25.0	25.5	
57 Isobutyl alcohol	41	6.817	6.824	-0.007	95	840990	1250.0	1199.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.897	6.897	0.000	92	83477	10.0	10.0	
59 Benzene	78	6.933	6.939	-0.006	96	6043873	25.0	24.6	
60 1,2-Dichloroethane	62	7.006	7.006	0.000	97	1305181	25.0	23.6	
63 Tert-amyl methyl ether	73	7.134	7.141	-0.007	98	3354384	25.0	24.5	
* 64 Fluorobenzene (IS)	96	7.348	7.354	-0.006	99	1984911	10.0	10.0	
65 n-Heptane	43	7.372	7.372	0.000	93	2217129	25.0	24.7	
67 n-Butanol	56	7.726	7.732	-0.006	88	1335228	2187.5	2185.1	
68 Trichloroethene	95	7.842	7.842	0.000	98	1585054	25.0	24.6	
69 Methylcyclohexane	83	8.153	8.159	-0.006	93	2811804	25.0	25.1	
70 1,2-Dichloropropane	63	8.171	8.177	-0.006	97	1531863	25.0	25.9	
71 2-ethoxy-2-methyl butane	87	8.195	8.195	0.000	92	2292363	25.0	25.6	
72 Methyl methacrylate	69	8.268	8.268	0.000	92	556682	25.0	27.0	
73 1,4-Dioxane	88	8.268	8.287	-0.019	33	155644	1250.0	1303.6	
74 Dibromomethane	93	8.281	8.287	-0.006	97	594857	25.0	27.2	
76 Dichlorobromomethane	83	8.524	8.531	-0.006	99	1697281	25.0	25.7	
77 2-Nitropropane	41	8.793	8.793	0.000	97	752379	125.0	117.9	
79 1-Bromo-2-chloroethane	63	8.927	8.927	0.000	99	1319994	25.0	25.0	
80 cis-1,3-Dichloropropene	75	9.098	9.097	0.001	95	2166367	25.0	26.8	
82 4-Methyl-2-pentanone (MIBK)	43	9.280	9.280	0.000	97	6682936	250.0	233.7	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1977484	10.0	10.0	
84 Toluene	92	9.506	9.506	0.000	98	3811666	25.0	24.9	
85 trans-1,3-Dichloropropene	75	9.780	9.786	-0.006	93	1688774	25.0	27.9	
104 Ethyl methacrylate	69	9.853	9.860	-0.007	90	1208466	25.0	28.2	
106 1,1,2-Trichloroethane	97	9.994	10.000	-0.006	91	835586	25.0	24.6	
S 105 1,3-Dichloropropene, Total	100				0			54.7	
107 Tetrachloroethene	166	10.085	10.091	-0.006	98	1795563	25.0	24.9	
108 1,3-Dichloropropane	76	10.164	10.164	0.000	91	1524489	25.0	25.8	
109 2-Hexanone	43	10.219	10.219	0.000	96	4662358	250.0	255.1	
111 Chlorodibromomethane	129	10.390	10.390	0.000	90	1110083	25.0	26.5	
112 Ethylene Dibromide	107	10.500	10.500	0.000	98	800536	25.0	27.2	
* 113 Chlorobenzene-d5 (IS)	117	10.945	10.951	-0.006	86	1417363	10.0	10.0	
114 1-Chlorohexane	91	10.963	10.963	0.000	98	2197487	25.0	22.8	
115 Chlorobenzene	112	10.975	10.975	0.000	96	4024592	25.0	24.9	
116 1,1,1,2-Tetrachloroethane	131	11.061	11.060	0.001	97	1371335	25.0	25.8	
117 Ethylbenzene	91	11.067	11.067	0.000	99	7621052	25.0	25.3	
119 m-Xylene & p-Xylene	106	11.182	11.189	-0.007	100	5852696	50.0	51.0	
S 118 Xylenes, Total	106				0			76.9	

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	11.518	11.518	0.000	97	2808980	25.0	25.9	
121 Styrene	104	11.536	11.536	0.000	95	4508023	25.0	25.8	
122 Bromoform	173	11.695	11.695	0.000	97	627770	25.0	29.0	
123 Isopropylbenzene	105	11.829	11.829	0.000	96	6756743	25.0	25.4	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	706803	10.0	9.93	
127 1,1,2,2-Tetrachloroethane	83	12.079	12.079	0.000	92	985125	25.0	25.4	
128 Bromobenzene	156	12.085	12.091	-0.006	95	1601513	25.0	25.4	
129 trans-1,4-Dichloro-2-butene	53	12.103	12.103	0.000	90	2786924	250.0	263.7	
130 1,2,3-Trichloropropane	110	12.121	12.121	0.000	80	255677	25.0	26.3	
131 N-Propylbenzene	91	12.164	12.164	0.000	99	8983978	25.0	25.6	
132 2-Chlorotoluene	126	12.237	12.237	0.000	96	1722075	25.0	25.7	
133 1,3,5-Trimethylbenzene	105	12.304	12.304	0.000	94	6334320	25.0	25.8	
134 4-Chlorotoluene	126	12.329	12.329	0.000	98	1765816	25.0	26.2	
135 tert-Butylbenzene	134	12.542	12.542	0.000	93	1436811	25.0	26.5	
136 Pentachloroethane	167	12.572	12.572	0.000	94	1074097	25.0	30.1	
137 1,2,4-Trimethylbenzene	105	12.585	12.585	0.000	98	6530111	25.0	26.2	
138 sec-Butylbenzene	105	12.707	12.707	0.000	97	8179372	25.0	25.9	
139 1,3-Dichlorobenzene	146	12.804	12.804	0.000	98	3317384	25.0	26.3	
140 4-Isopropyltoluene	119	12.822	12.822	0.000	97	7101704	25.0	26.2	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	94	787338	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.883	12.883	0.000	94	3287920	25.0	25.3	
143 1,2,3-Trimethylbenzene	120	12.889	12.889	0.000	99	2703402	25.0	25.8	
144 Benzyl chloride	126	12.957	12.956	0.001	99	435250	25.0	28.5	
145 p-Diethylbenzene	119	13.097	13.097	0.000	95	4255565	25.0	26.8	
146 n-Butylbenzene	92	13.115	13.115	0.000	98	3507357	25.0	27.5	
147 1,2-Dichlorobenzene	146	13.139	13.139	0.000	98	2874314	25.0	26.2	
149 1,2-Dibromo-3-Chloropropane	155	13.688	13.688	0.000	87	141763	25.0	27.5	
150 1,3,5-Trichlorobenzene	180	13.816	13.816	0.000	98	2484502	25.0	26.9	
151 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	2007740	25.0	27.1	
152 Hexachlorobutadiene	225	14.322	14.322	0.000	96	995050	25.0	27.2	
153 Naphthalene	128	14.414	14.414	0.000	97	3199809	25.0	26.4	
154 1,2,3-Trichlorobenzene	180	14.554	14.560	-0.006	96	1671921	25.0	27.5	
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_00171	Amount Added: 25.00	Units: uL	
MSV_LL_GAS826_00279	Amount Added: 25.00	Units: uL	
MSV_LL_#2_826_00185	Amount Added: 25.00	Units: uL	
MSV_LLcentISS_00016	Amount Added: 5.00	Units: uL	Run Reagent

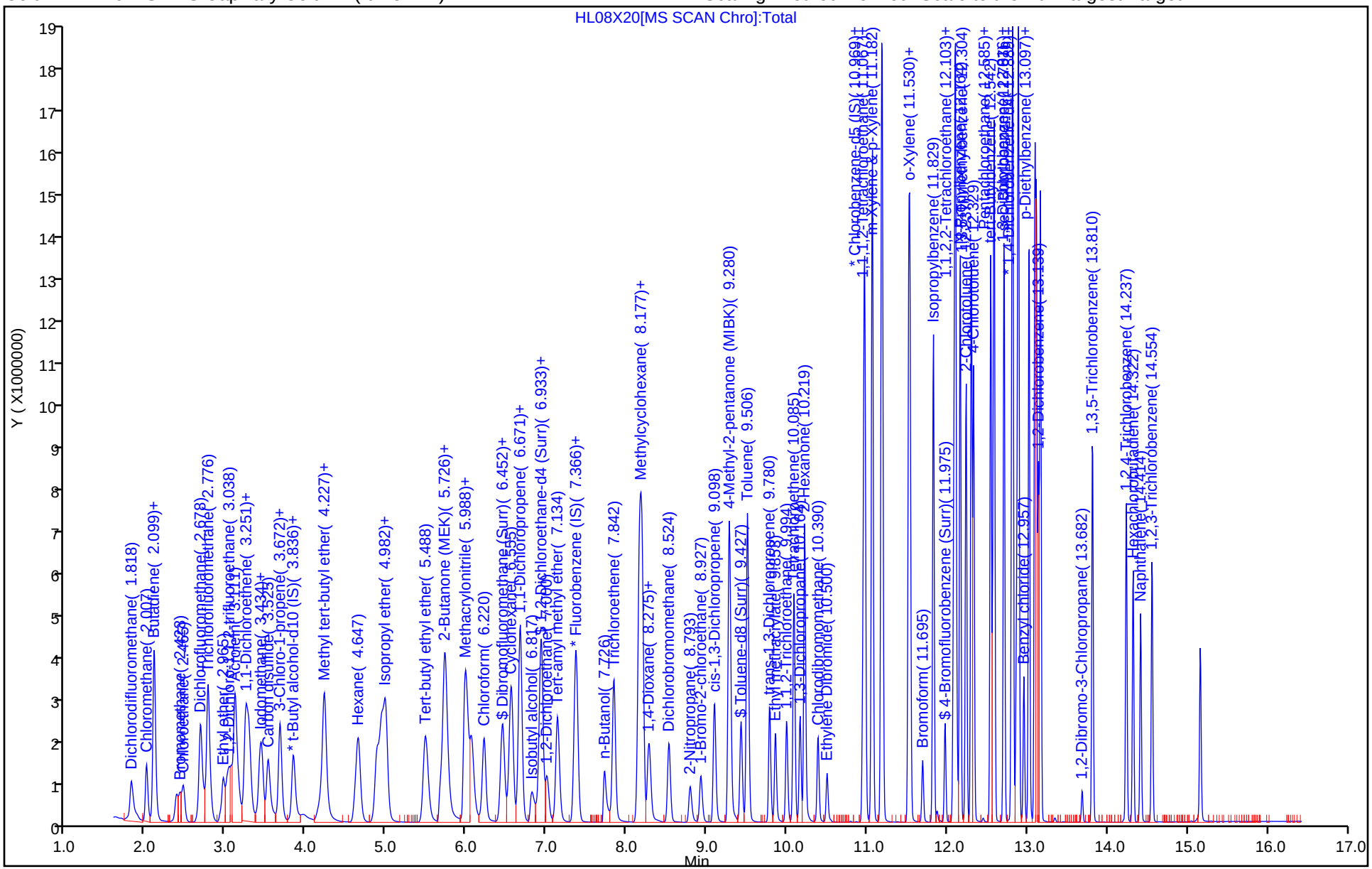
Report Date: 16-Jul-2025 16:05:47 Chrom Revision: 2.3 14-Jul-2025 13:55:14

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D

Injection Date:	09-Jul-2025 07:02:30	Instrument ID:	19094	Operator ID:	gaw91131
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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

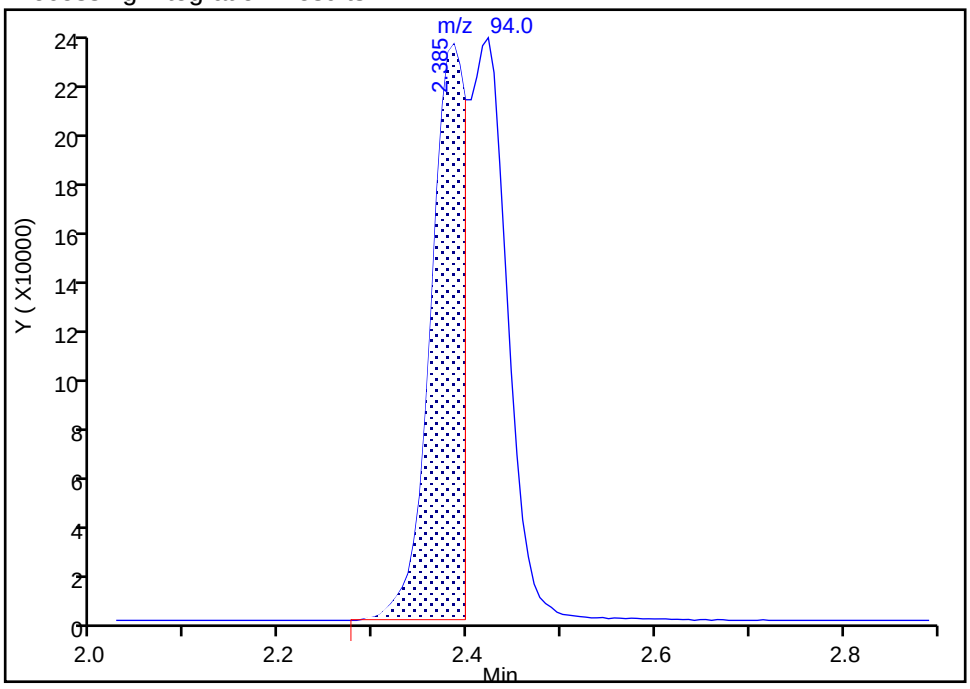
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D				
Injection Date:	09-Jul-2025 07:02:30	Instrument ID:	19094		
Lims ID:	IC std9 25				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

9 Bromomethane, CAS: 74-83-9

Signal: 1

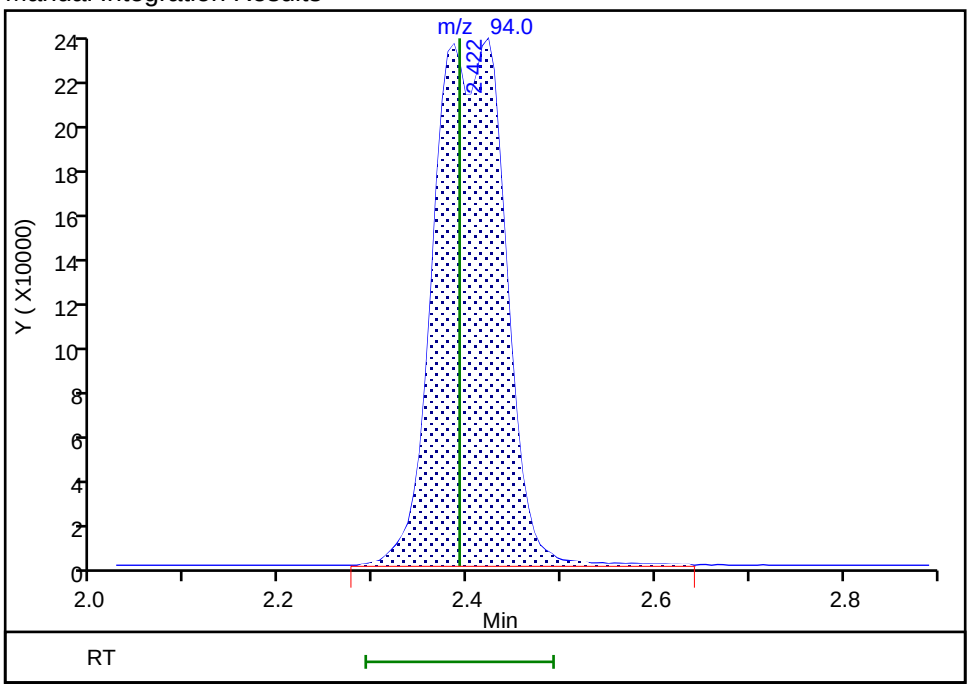
Processing Integration Results

RT: 2.39
Area: 599946
Amount: 9.252087
Amount Units: ug/l



Manual Integration Results

RT: 2.42
Area: 1242644
Amount: 22.749344
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:35:44 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

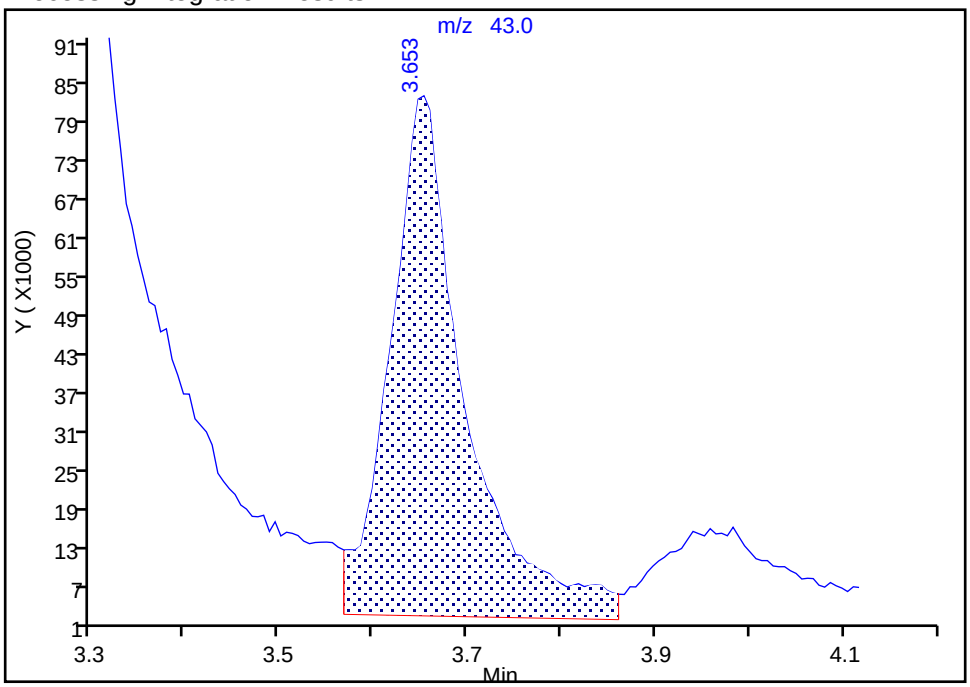
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D				
Injection Date:	09-Jul-2025 07:02:30	Instrument ID:	19094		
Lims ID:	IC std9 25				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

24 Methyl acetate, CAS: 79-20-9

Signal: 1

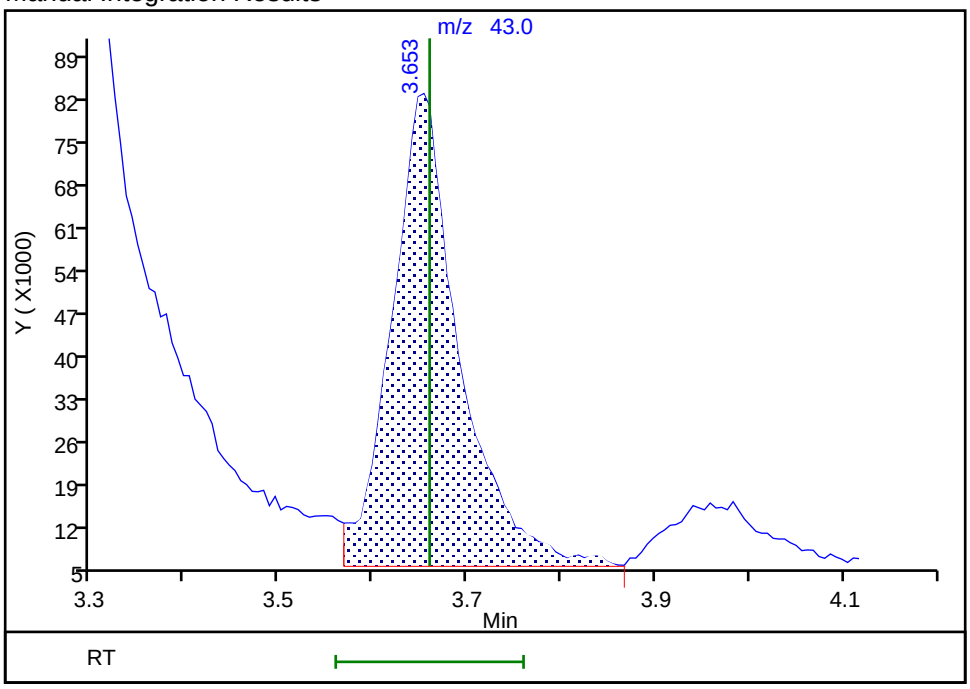
Processing Integration Results

RT: 3.65
Area: 452007
Amount: 23.229437
Amount Units: ug/l



Manual Integration Results

RT: 3.65
Area: 386860
Amount: 27.609637
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 01:36:18 -04:00:00 (UTC)

Audit Action: Assigned New Baseline 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

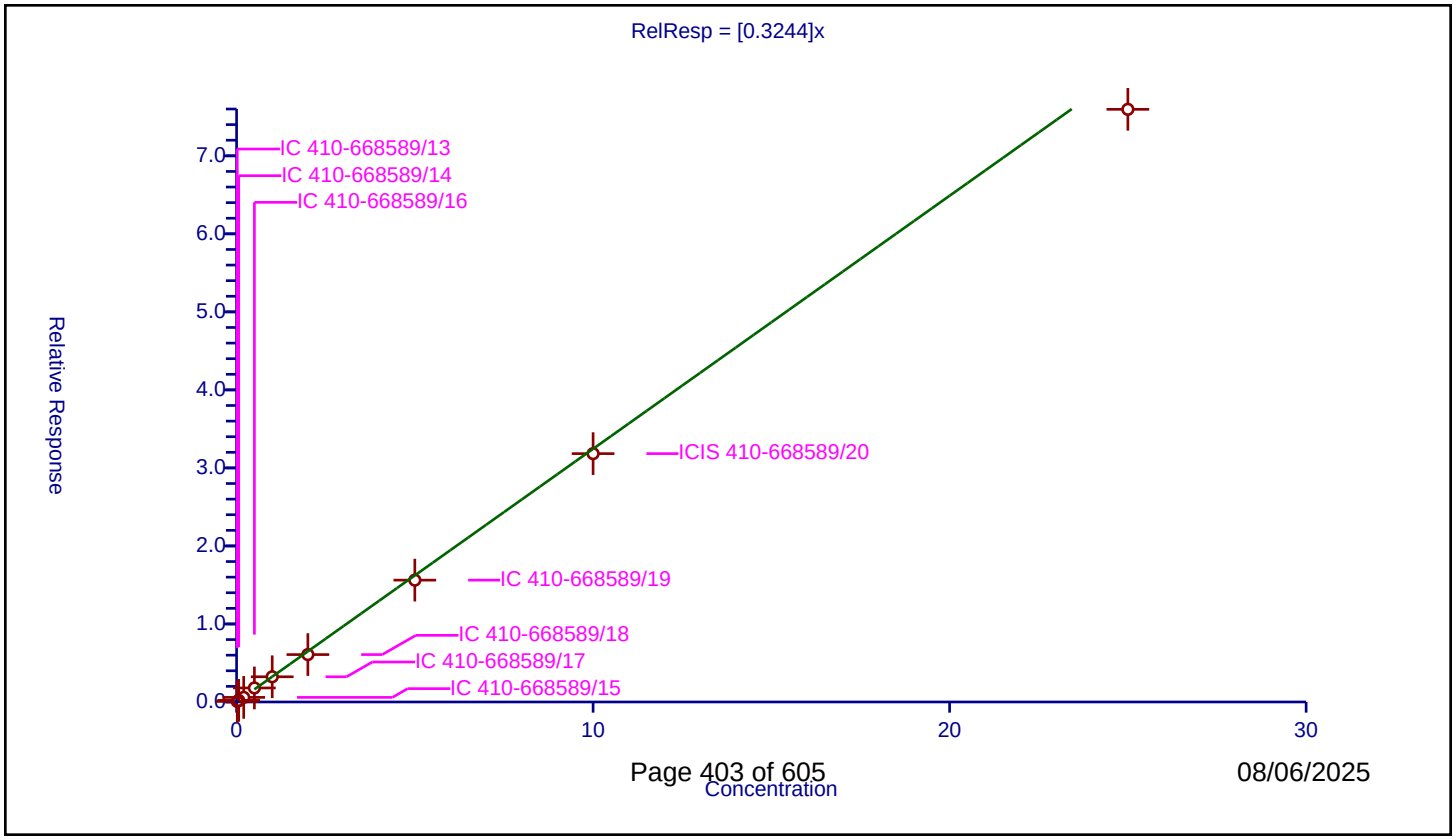
Curve Coefficients

Intercept:	0
Slope:	0.3244

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.00714	10.0	1832045.0	0.356978	Y
2	IC 410-668589/14	0.06	0.020838	10.0	1831280.0	0.347298	Y
3	IC 410-668589/15	0.2	0.058903	10.0	1849831.0	0.294513	Y
4	IC 410-668589/16	0.5	0.179792	10.0	1860146.0	0.359585	Y
5	IC 410-668589/17	1.0	0.323107	10.0	1893953.0	0.323107	Y
6	IC 410-668589/18	2.0	0.607563	10.0	1918847.0	0.303781	Y
7	IC 410-668589/19	5.0	1.561801	10.0	1935362.0	0.31236	Y
8	ICIS 410-668589/20	10.0	3.183311	10.0	1961552.0	0.318331	Y
9	IC 410-668589/21	25.0	7.595837	10.0	1984911.0	0.303833	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

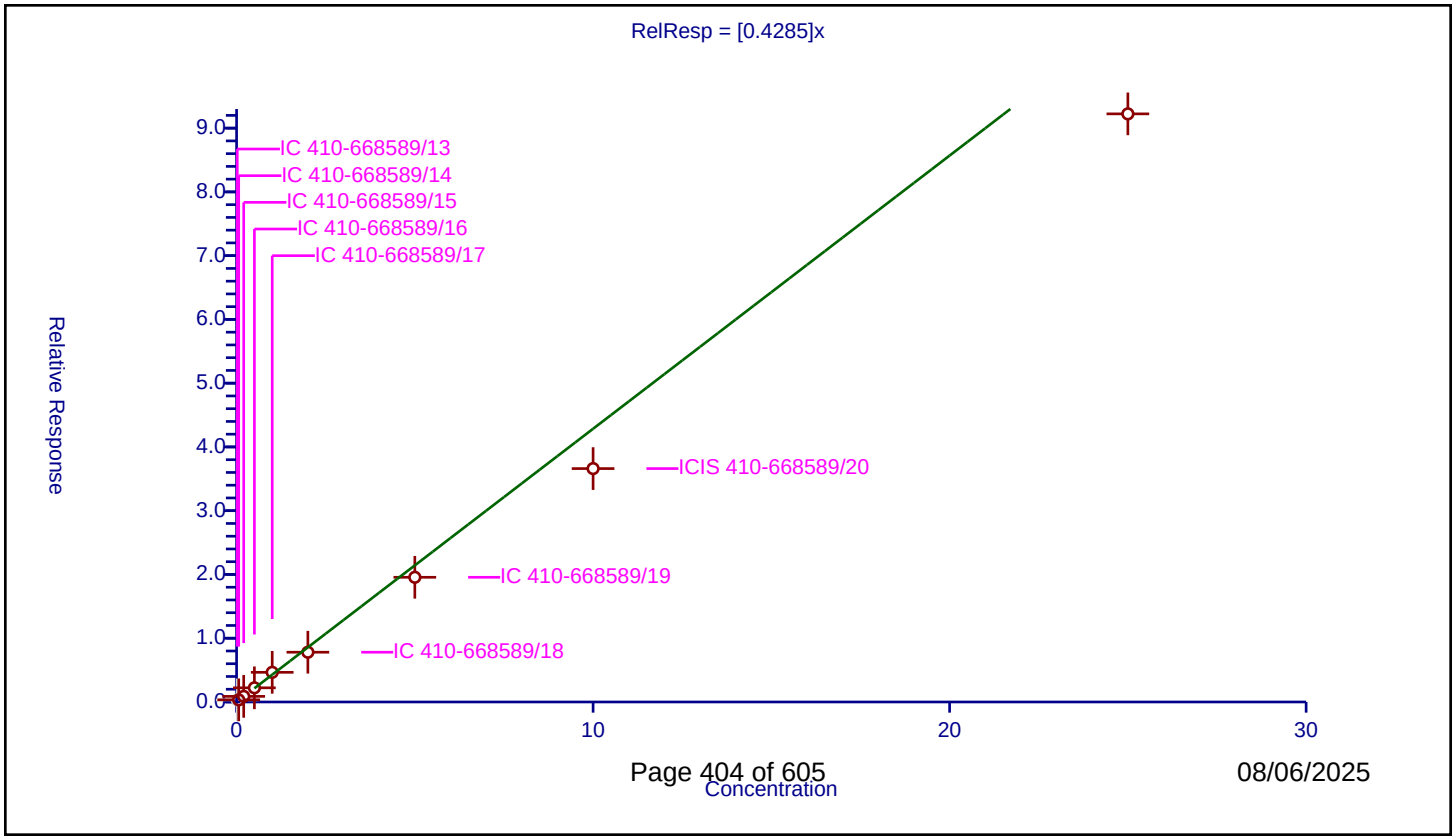
Curve Coefficients

Intercept:	0
Slope:	0.4285

Error Coefficients

Relative Standard Deviation:	15.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.032625	10.0	1832045.0	1.631237	N
2	IC 410-668589/14	0.06	0.033605	10.0	1831280.0	0.560082	Y
3	IC 410-668589/15	0.2	0.088219	10.0	1849831.0	0.441094	Y
4	IC 410-668589/16	0.5	0.222488	10.0	1860146.0	0.444976	Y
5	IC 410-668589/17	1.0	0.465149	10.0	1893953.0	0.465149	Y
6	IC 410-668589/18	2.0	0.780807	10.0	1918847.0	0.390404	Y
7	IC 410-668589/19	5.0	1.955836	10.0	1935362.0	0.391167	Y
8	ICIS 410-668589/20	10.0	3.660423	10.0	1961552.0	0.366042	Y
9	IC 410-668589/21	25.0	9.223728	10.0	1984911.0	0.368949	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

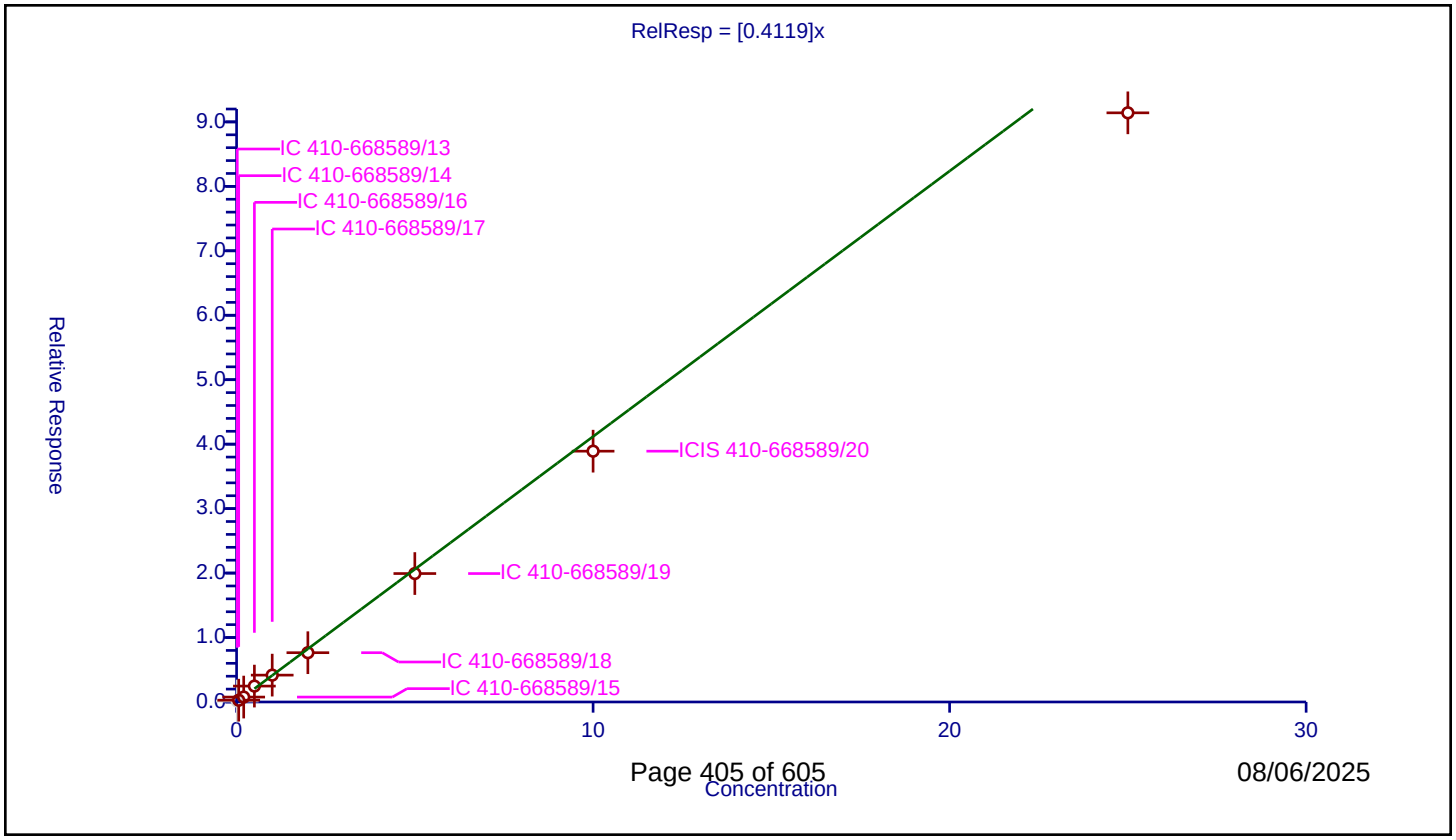
Curve Coefficients

Intercept:	0
Slope:	0.4119

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.014596	10.0	1832045.0	0.729786	N
2	IC 410-668589/14	0.06	0.028024	10.0	1831280.0	0.467069	Y
3	IC 410-668589/15	0.2	0.076375	10.0	1849831.0	0.381873	Y
4	IC 410-668589/16	0.5	0.246755	10.0	1860146.0	0.49351	Y
5	IC 410-668589/17	1.0	0.416747	10.0	1893953.0	0.416747	Y
6	IC 410-668589/18	2.0	0.764756	10.0	1918847.0	0.382378	Y
7	IC 410-668589/19	5.0	1.992924	10.0	1935362.0	0.398585	Y
8	ICIS 410-668589/20	10.0	3.891235	10.0	1961552.0	0.389124	Y
9	IC 410-668589/21	25.0	9.140919	10.0	1984911.0	0.365637	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

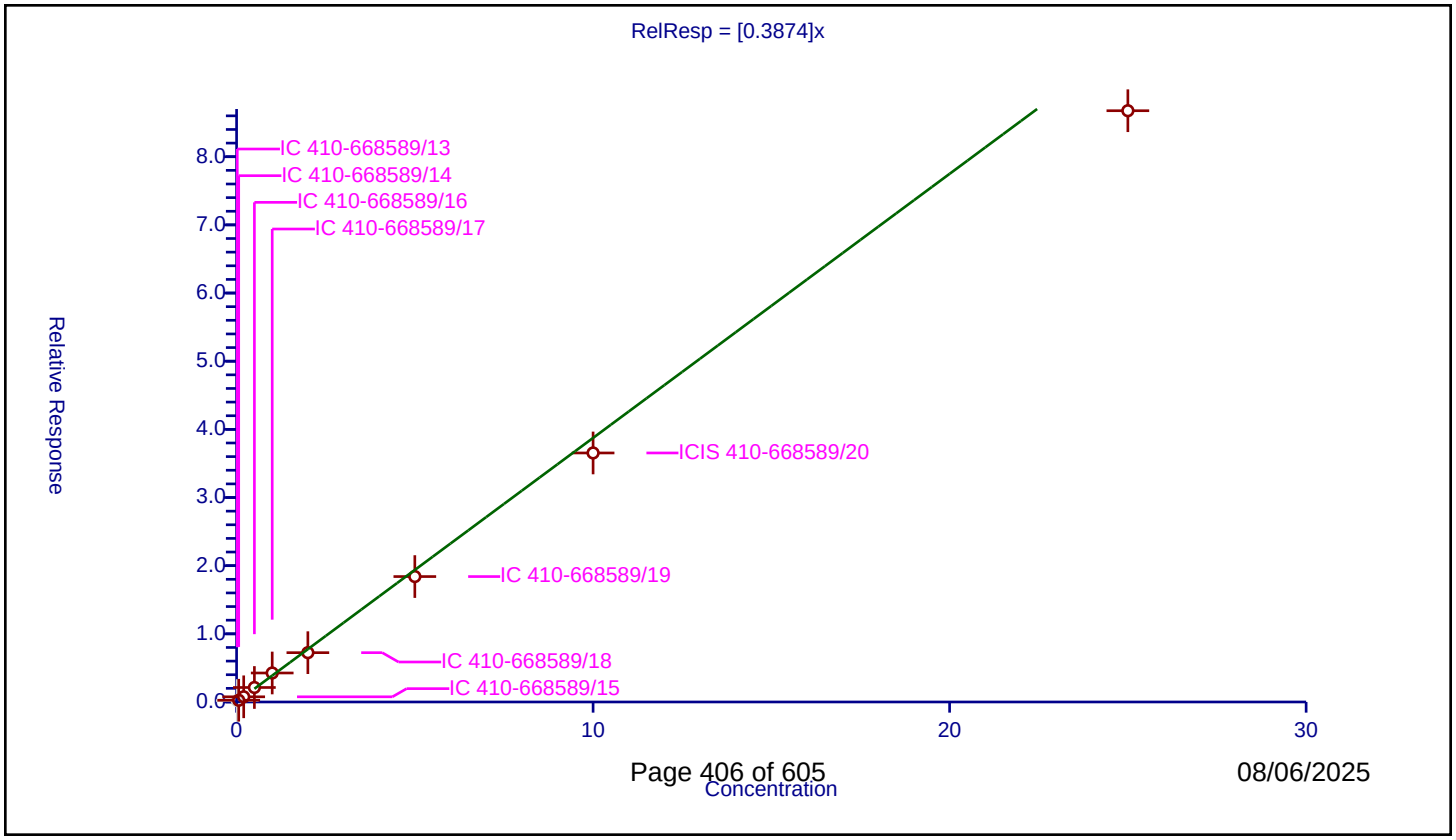
Curve Coefficients

Intercept:	0
Slope:	0.3874

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.020551	10.0	1832045.0	1.02754	N
2	IC 410-668589/14	0.06	0.025638	10.0	1831280.0	0.427297	Y
3	IC 410-668589/15	0.2	0.07592	10.0	1849831.0	0.379602	Y
4	IC 410-668589/16	0.5	0.212516	10.0	1860146.0	0.425031	Y
5	IC 410-668589/17	1.0	0.425327	10.0	1893953.0	0.425327	Y
6	IC 410-668589/18	2.0	0.723773	10.0	1918847.0	0.361887	Y
7	IC 410-668589/19	5.0	1.840364	10.0	1935362.0	0.368073	Y
8	ICIS 410-668589/20	10.0	3.653806	10.0	1961552.0	0.365381	Y
9	IC 410-668589/21	25.0	8.674983	10.0	1984911.0	0.346999	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

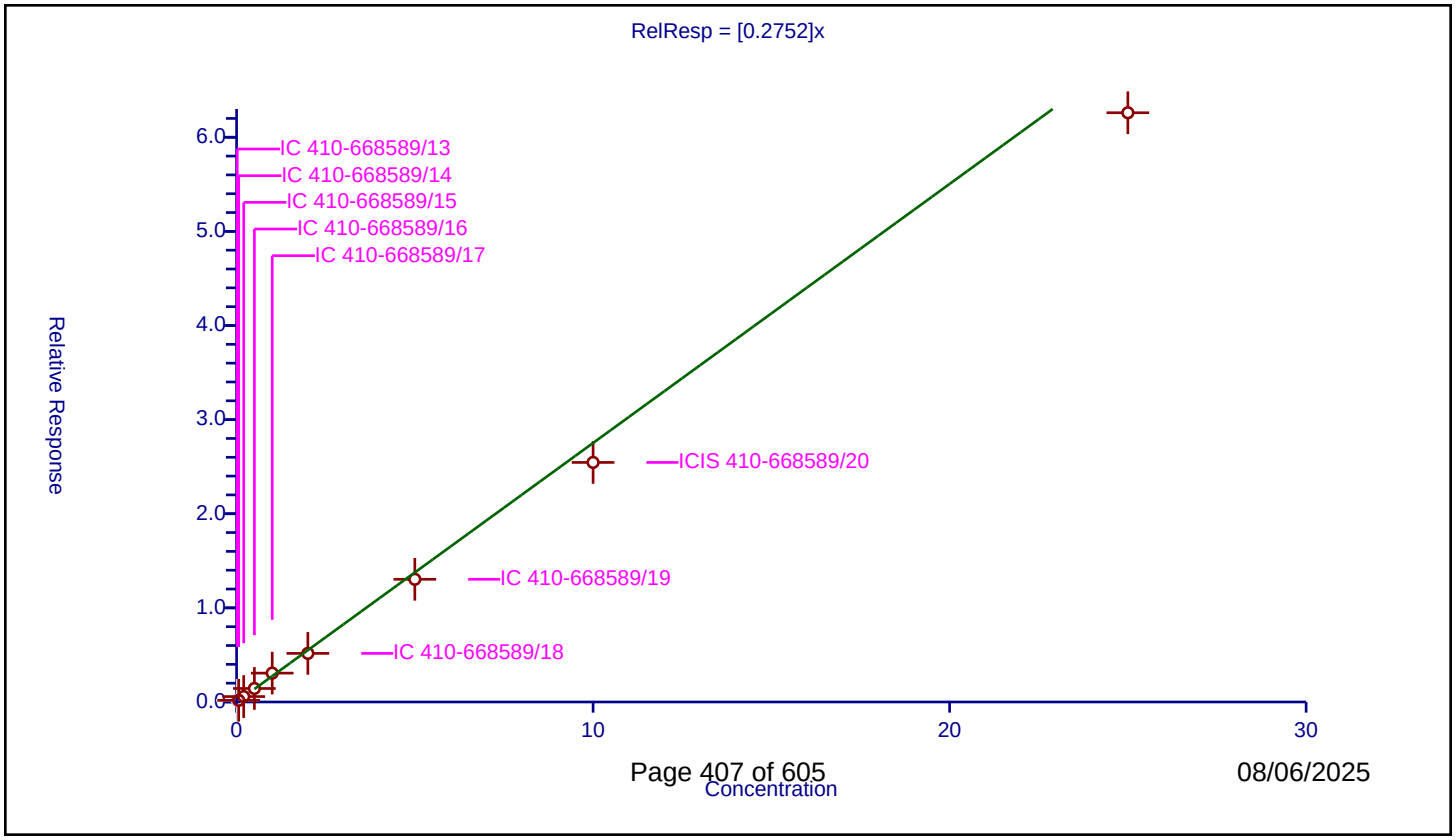
Curve Coefficients

Intercept:	0
Slope:	0.2752

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.017363	10.0	1832045.0	0.868156	N
2	IC 410-668589/14	0.06	0.017769	10.0	1831280.0	0.29615	Y
3	IC 410-668589/15	0.2	0.057605	10.0	1849831.0	0.288026	Y
4	IC 410-668589/16	0.5	0.143397	10.0	1860146.0	0.286795	Y
5	IC 410-668589/17	1.0	0.30666	10.0	1893953.0	0.30666	Y
6	IC 410-668589/18	2.0	0.516482	10.0	1918847.0	0.258241	Y
7	IC 410-668589/19	5.0	1.303648	10.0	1935362.0	0.26073	Y
8	ICIS 410-668589/20	10.0	2.545214	10.0	1961552.0	0.254521	Y
9	IC 410-668589/21	25.0	6.260452	10.0	1984911.0	0.250418	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

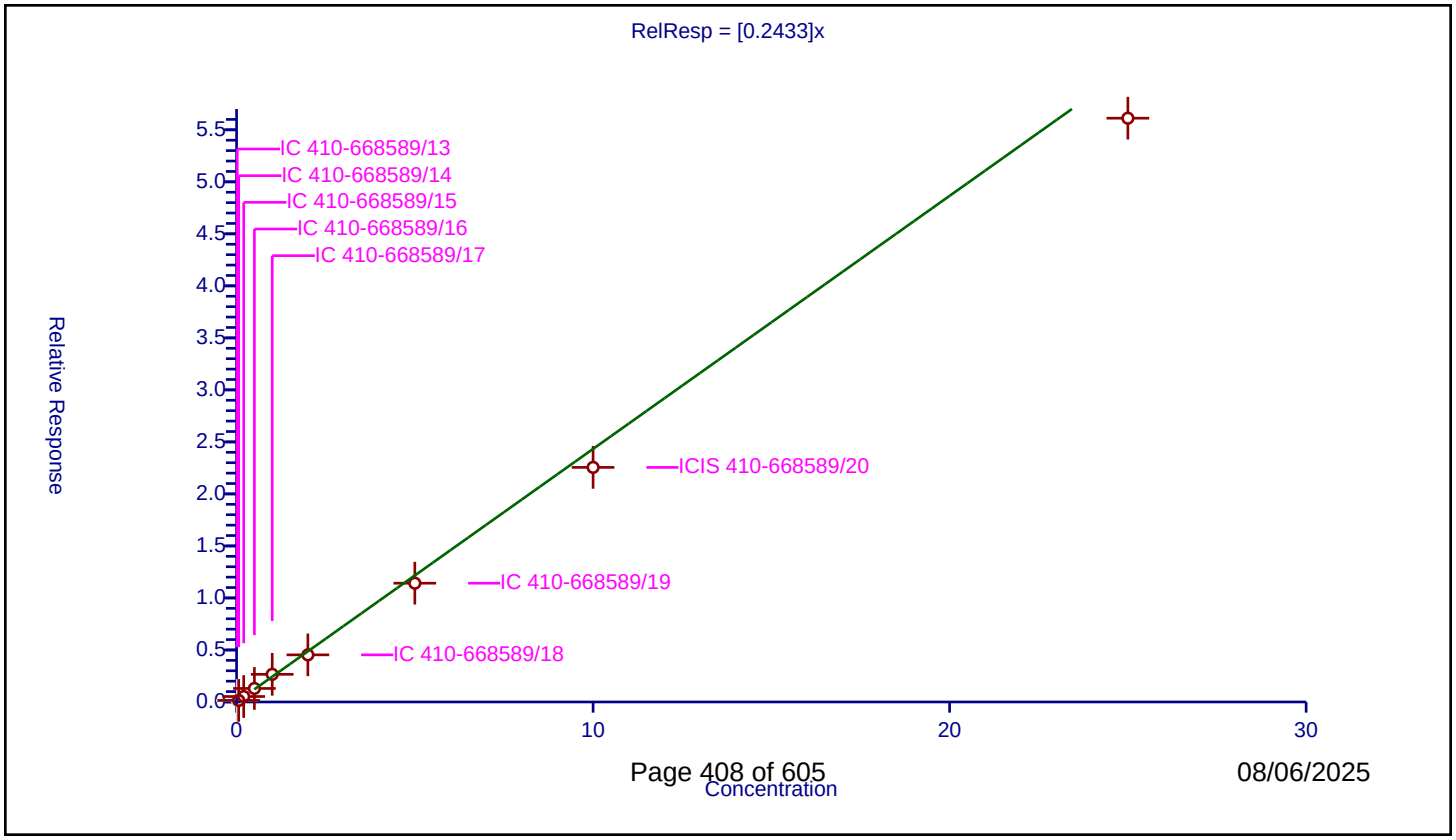
Curve Coefficients

Intercept:	0
Slope:	0.2433

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.014689	10.0	1832045.0	0.734425	N
2	IC 410-668589/14	0.06	0.015121	10.0	1831280.0	0.25201	Y
3	IC 410-668589/15	0.2	0.052594	10.0	1849831.0	0.26297	Y
4	IC 410-668589/16	0.5	0.130183	10.0	1860146.0	0.260367	Y
5	IC 410-668589/17	1.0	0.265962	10.0	1893953.0	0.265962	Y
6	IC 410-668589/18	2.0	0.45298	10.0	1918847.0	0.22649	Y
7	IC 410-668589/19	5.0	1.141802	10.0	1935362.0	0.22836	Y
8	ICIS 410-668589/20	10.0	2.255133	10.0	1961552.0	0.225513	Y
9	IC 410-668589/21	25.0	5.611778	10.0	1984911.0	0.224471	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

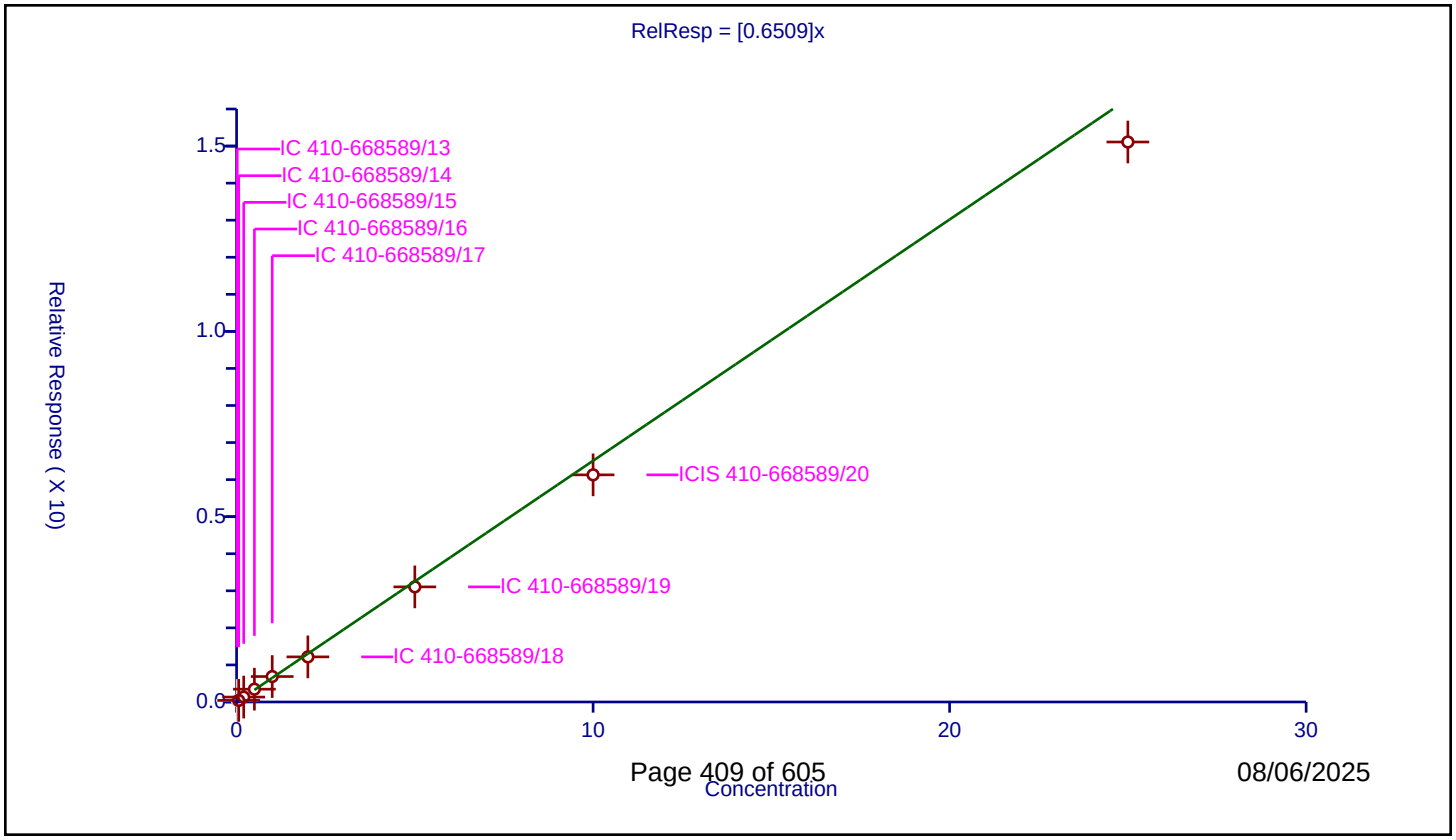
Curve Coefficients

Intercept:	0
Slope:	0.6509

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.04156	10.0	1832045.0	2.078006	N
2	IC 410-668589/14	0.06	0.043161	10.0	1831280.0	0.719351	Y
3	IC 410-668589/15	0.2	0.132688	10.0	1849831.0	0.663439	Y
4	IC 410-668589/16	0.5	0.345586	10.0	1860146.0	0.691172	Y
5	IC 410-668589/17	1.0	0.68648	10.0	1893953.0	0.68648	Y
6	IC 410-668589/18	2.0	1.216736	10.0	1918847.0	0.608368	Y
7	IC 410-668589/19	5.0	3.105905	10.0	1935362.0	0.621181	Y
8	ICIS 410-668589/20	10.0	6.128841	10.0	1961552.0	0.612884	Y
9	IC 410-668589/21	25.0	15.109751	10.0	1984911.0	0.60439	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

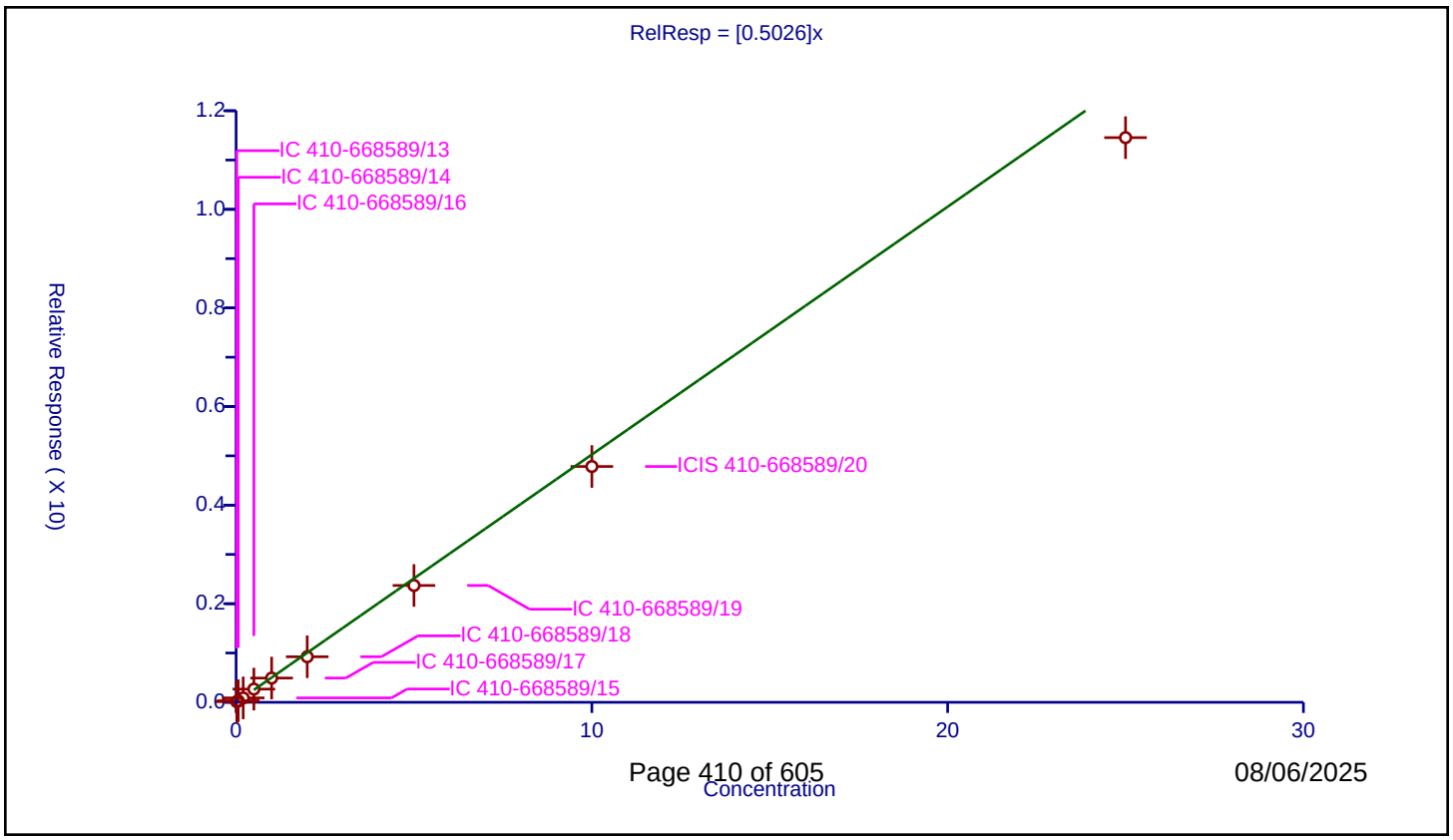
Curve Coefficients

Intercept:	0
Slope:	0.5026

Error Coefficients

Relative Standard Deviation:	12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.013171	10.0	1832045.0	0.658554	Y
2	IC 410-668589/14	0.06	0.031033	10.0	1831280.0	0.517216	Y
3	IC 410-668589/15	0.2	0.089419	10.0	1849831.0	0.447095	Y
4	IC 410-668589/16	0.5	0.268146	10.0	1860146.0	0.536291	Y
5	IC 410-668589/17	1.0	0.491828	10.0	1893953.0	0.491828	Y
6	IC 410-668589/18	2.0	0.924144	10.0	1918847.0	0.462072	Y
7	IC 410-668589/19	5.0	2.370383	10.0	1935362.0	0.474077	Y
8	ICIS 410-668589/20	10.0	4.783697	10.0	1961552.0	0.47837	Y
9	IC 410-668589/21	25.0	11.45474	10.0	1984911.0	0.45819	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

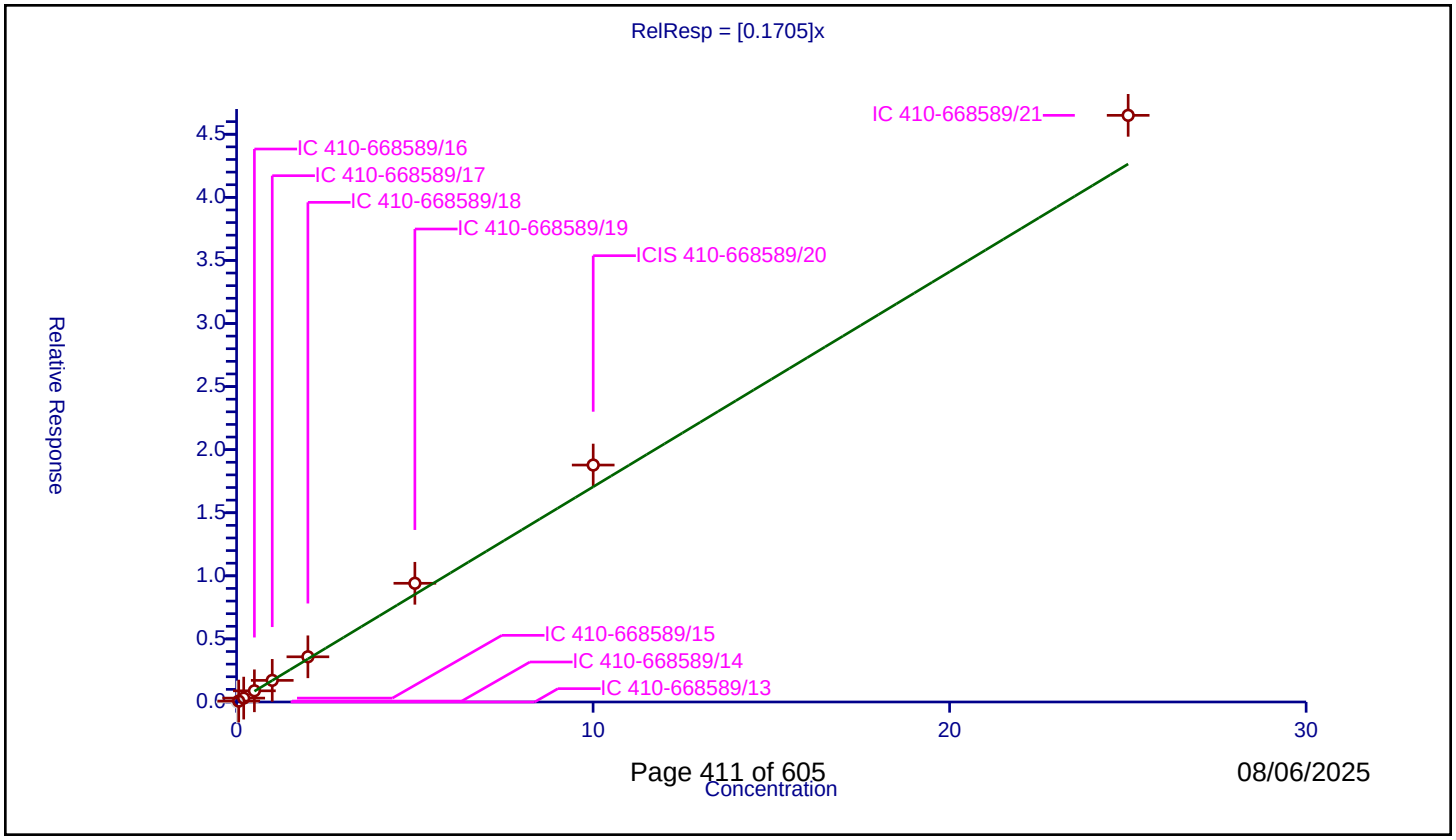
Curve Coefficients

Intercept:	0
Slope:	0.1705

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.020007	0.0	10.0	1832045.0	0.0	N
2	IC 410-668589/14	0.06002	0.007241	10.0	1831280.0	0.120641	Y
3	IC 410-668589/15	0.200066	0.030781	10.0	1849831.0	0.153855	Y
4	IC 410-668589/16	0.500166	0.088756	10.0	1860146.0	0.177454	Y
5	IC 410-668589/17	1.000332	0.171372	10.0	1893953.0	0.171315	Y
6	IC 410-668589/18	2.000664	0.358189	10.0	1918847.0	0.179035	Y
7	IC 410-668589/19	5.00166	0.940796	10.0	1935362.0	0.188097	Y
8	ICIS 410-668589/20	10.00332	1.878089	10.0	1961552.0	0.187747	Y
9	IC 410-668589/21	25.0083	4.649982	10.0	1984911.0	0.185938	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

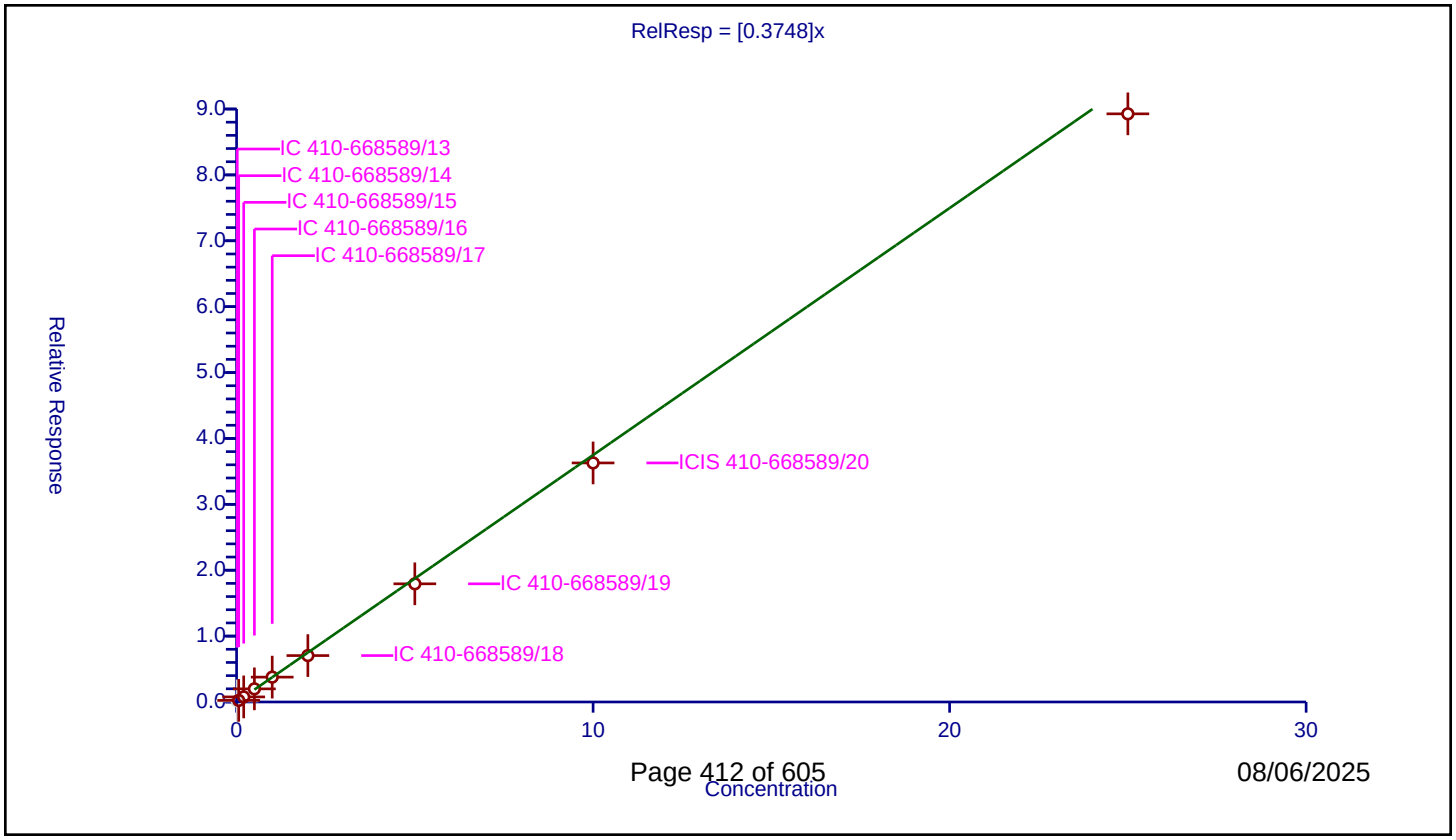
Curve Coefficients

Intercept:	0
Slope:	0.3748

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.01613	10.0	1832045.0	0.806476	N
2	IC 410-668589/14	0.06	0.024371	10.0	1831280.0	0.406182	Y
3	IC 410-668589/15	0.2	0.077077	10.0	1849831.0	0.385387	Y
4	IC 410-668589/16	0.5	0.199355	10.0	1860146.0	0.398711	Y
5	IC 410-668589/17	1.0	0.377549	10.0	1893953.0	0.377549	Y
6	IC 410-668589/18	2.0	0.704371	10.0	1918847.0	0.352185	Y
7	IC 410-668589/19	5.0	1.793597	10.0	1935362.0	0.358719	Y
8	ICIS 410-668589/20	10.0	3.628306	10.0	1961552.0	0.362831	Y
9	IC 410-668589/21	25.0	8.926577	10.0	1984911.0	0.357063	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

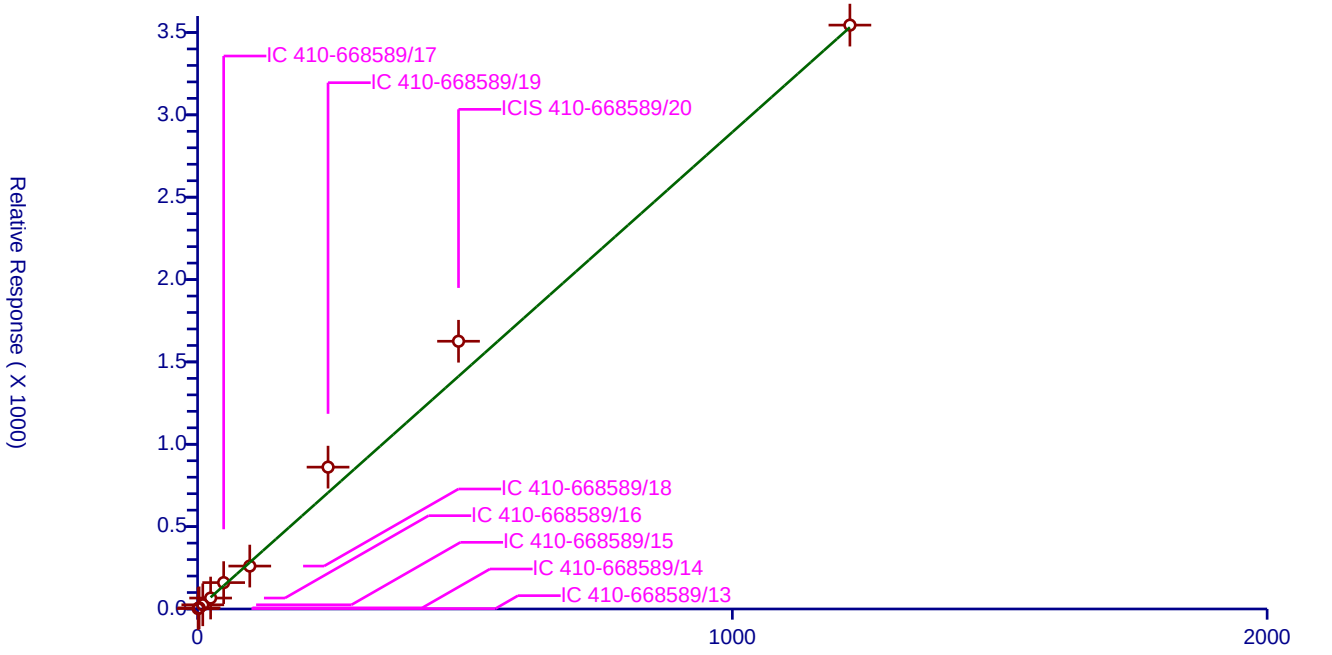
Curve Coefficients

Intercept:	0
Slope:	2.895

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.97588	2.575177	50.0	73626.0	2.638824	Y
2	IC 410-668589/14	2.927641	6.917612	50.0	80230.0	2.362862	Y
3	IC 410-668589/15	9.758805	25.437731	50.0	83156.0	2.606644	Y
4	IC 410-668589/16	24.397012	66.53503	50.0	72295.0	2.727179	Y
5	IC 410-668589/17	48.794025	160.119553	50.0	64825.0	3.28154	Y
6	IC 410-668589/18	97.588049	260.601347	50.0	87437.0	2.670423	Y
7	IC 410-668589/19	243.970123	861.155963	50.0	71966.0	3.52976	Y
8	ICIS 410-668589/20	487.940246	1625.540052	50.0	75826.0	3.331433	Y
9	IC 410-668589/21	1219.850614	3544.751385	50.0	82517.0	2.90589	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

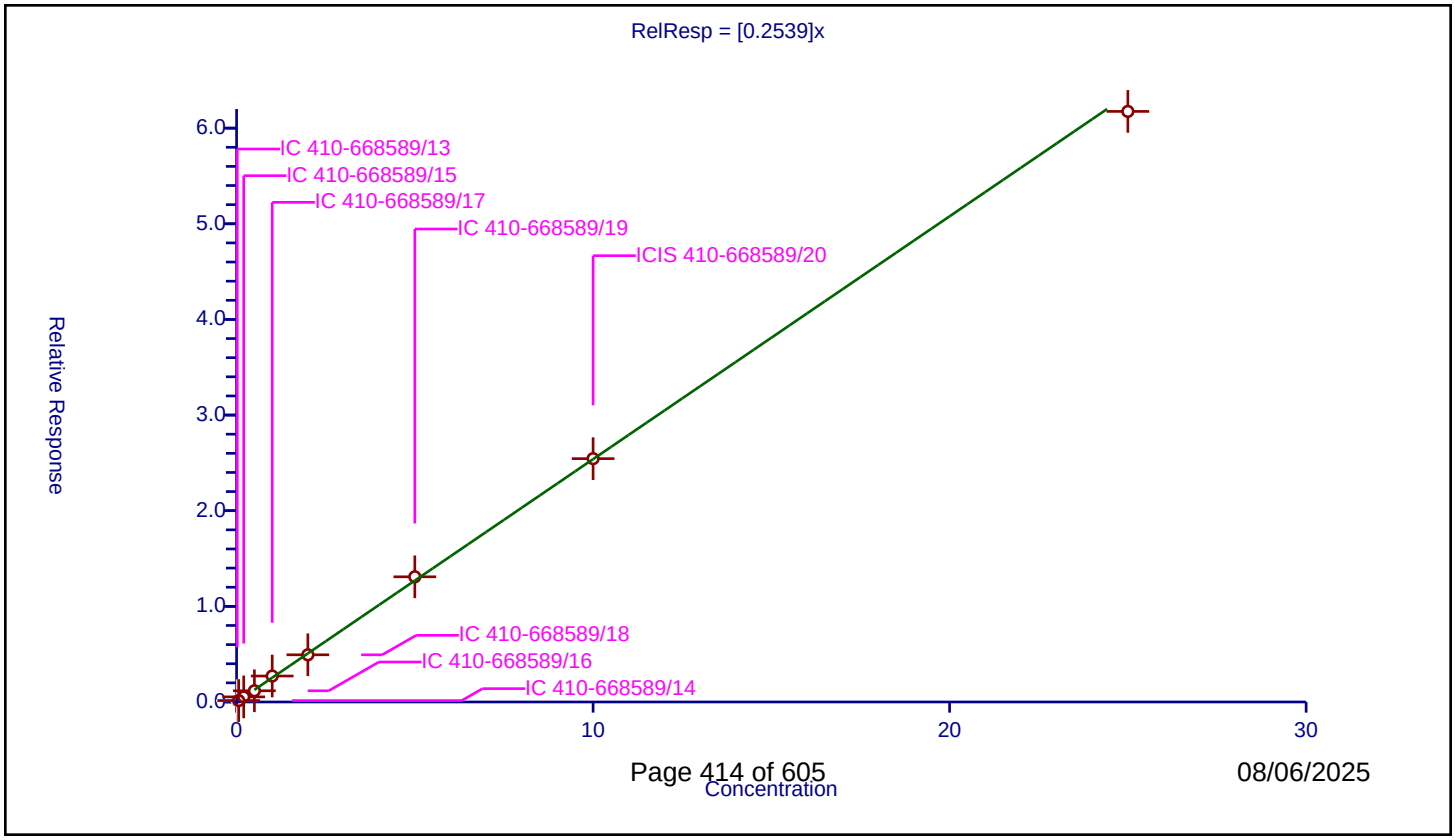
Curve Coefficients

Intercept:	0
Slope:	0.2539

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.013226	10.0	1832045.0	0.661283	N
2	IC 410-668589/14	0.06	0.014913	10.0	1831280.0	0.248551	Y
3	IC 410-668589/15	0.2	0.053389	10.0	1849831.0	0.266943	Y
4	IC 410-668589/16	0.5	0.117249	10.0	1860146.0	0.234498	Y
5	IC 410-668589/17	1.0	0.271316	10.0	1893953.0	0.271316	Y
6	IC 410-668589/18	2.0	0.493463	10.0	1918847.0	0.246732	Y
7	IC 410-668589/19	5.0	1.308928	10.0	1935362.0	0.261786	Y
8	ICIS 410-668589/20	10.0	2.544251	10.0	1961552.0	0.254425	Y
9	IC 410-668589/21	25.0	6.174846	10.0	1984911.0	0.246994	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

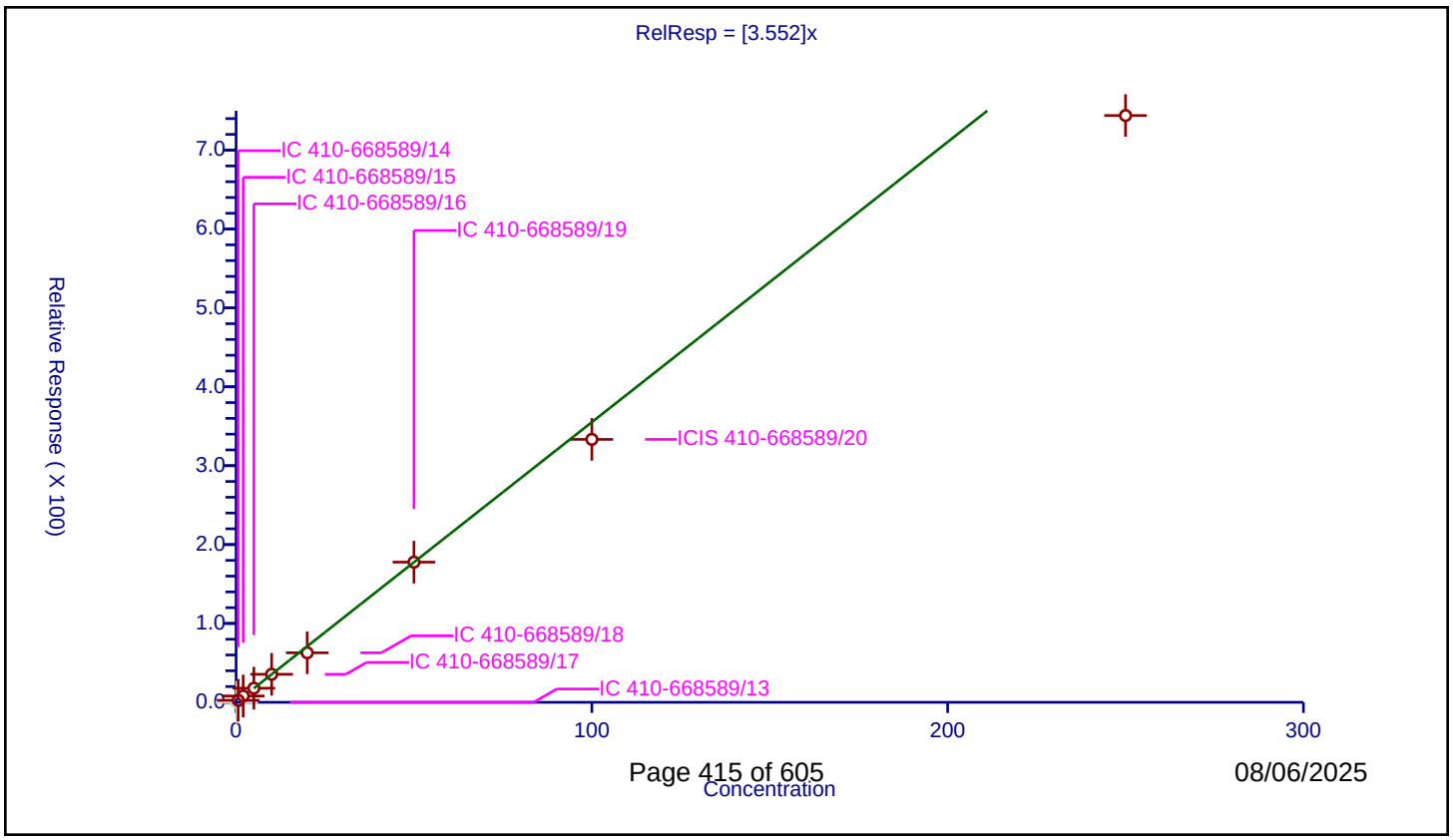
Curve Coefficients

Intercept:	0
Slope:	3.552

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.2	0.0	50.0	73626.0	0.0	N
2	IC 410-668589/14	0.6	2.571357	50.0	80230.0	4.285596	Y
3	IC 410-668589/15	2.0	7.996416	50.0	83156.0	3.998208	Y
4	IC 410-668589/16	5.0	17.89197	50.0	72295.0	3.578394	Y
5	IC 410-668589/17	10.0	35.51639	50.0	64825.0	3.551639	Y
6	IC 410-668589/18	20.0	62.784634	50.0	87437.0	3.139232	Y
7	IC 410-668589/19	50.0	177.714476	50.0	71966.0	3.55429	Y
8	ICIS 410-668589/20	100.0	333.338169	50.0	75826.0	3.333382	Y
9	IC 410-668589/21	250.0	743.96185	50.0	82517.0	2.975847	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

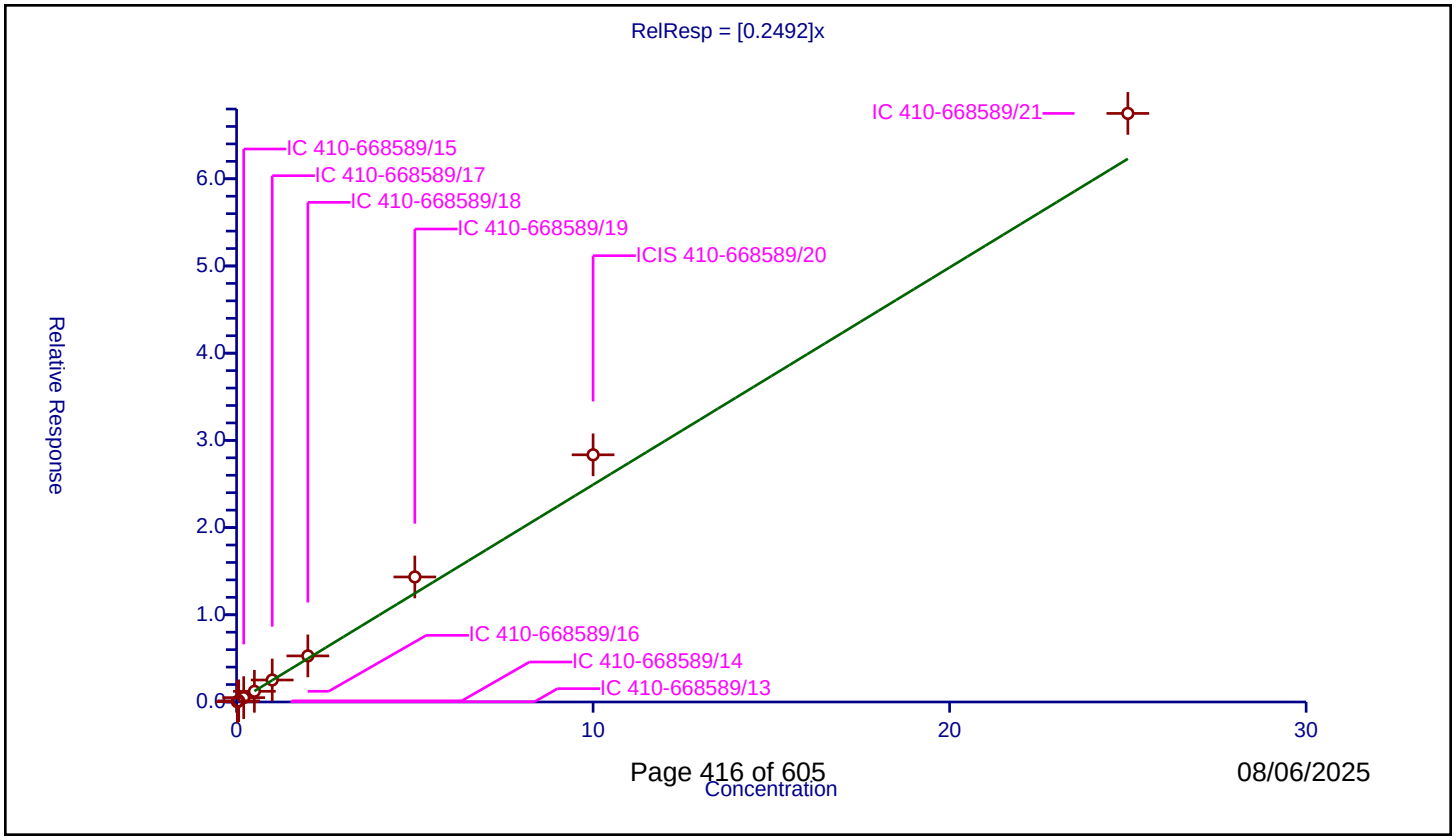
Curve Coefficients

Intercept:	0
Slope:	0.2492

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.003324	10.0	1832045.0	0.166208	Y
2	IC 410-668589/14	0.06	0.013406	10.0	1831280.0	0.223432	Y
3	IC 410-668589/15	0.2	0.050118	10.0	1849831.0	0.25059	Y
4	IC 410-668589/16	0.5	0.122786	10.0	1860146.0	0.245572	Y
5	IC 410-668589/17	1.0	0.252224	10.0	1893953.0	0.252224	Y
6	IC 410-668589/18	2.0	0.528437	10.0	1918847.0	0.264219	Y
7	IC 410-668589/19	5.0	1.433644	10.0	1935362.0	0.286729	Y
8	ICIS 410-668589/20	10.0	2.834623	10.0	1961552.0	0.283462	Y
9	IC 410-668589/21	25.0	6.749612	10.0	1984911.0	0.269984	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

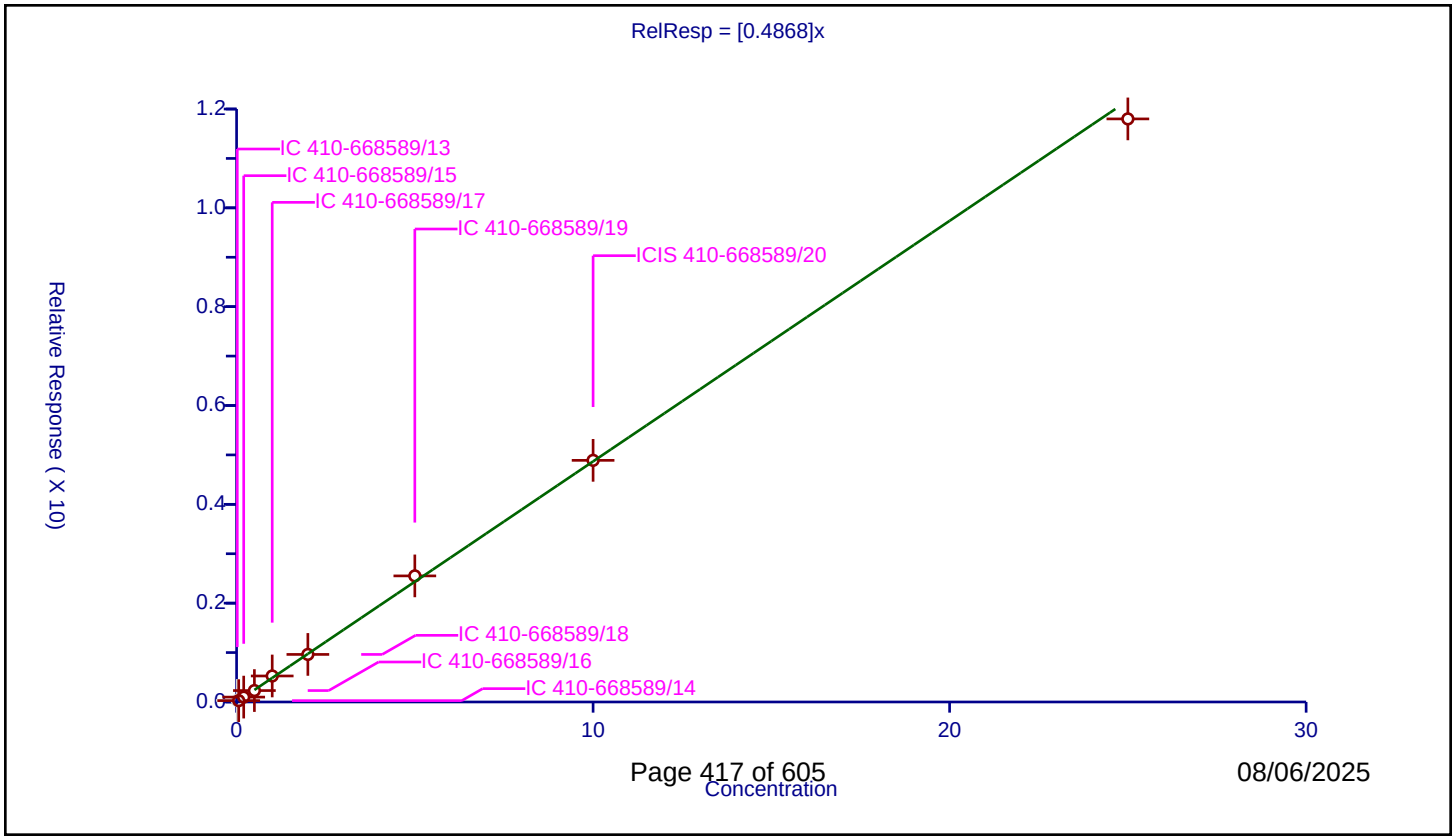
Curve Coefficients

Intercept:	0
Slope:	0.4868

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.032188	10.0	1832045.0	1.609404	N
2	IC 410-668589/14	0.06	0.027489	10.0	1831280.0	0.458149	Y
3	IC 410-668589/15	0.2	0.099096	10.0	1849831.0	0.495478	Y
4	IC 410-668589/16	0.5	0.231052	10.0	1860146.0	0.462104	Y
5	IC 410-668589/17	1.0	0.52656	10.0	1893953.0	0.52656	Y
6	IC 410-668589/18	2.0	0.962317	10.0	1918847.0	0.481159	Y
7	IC 410-668589/19	5.0	2.551719	10.0	1935362.0	0.510344	Y
8	ICIS 410-668589/20	10.0	4.889904	10.0	1961552.0	0.48899	Y
9	IC 410-668589/21	25.0	11.799925	10.0	1984911.0	0.471997	Y



Calibration / Ethyl bromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

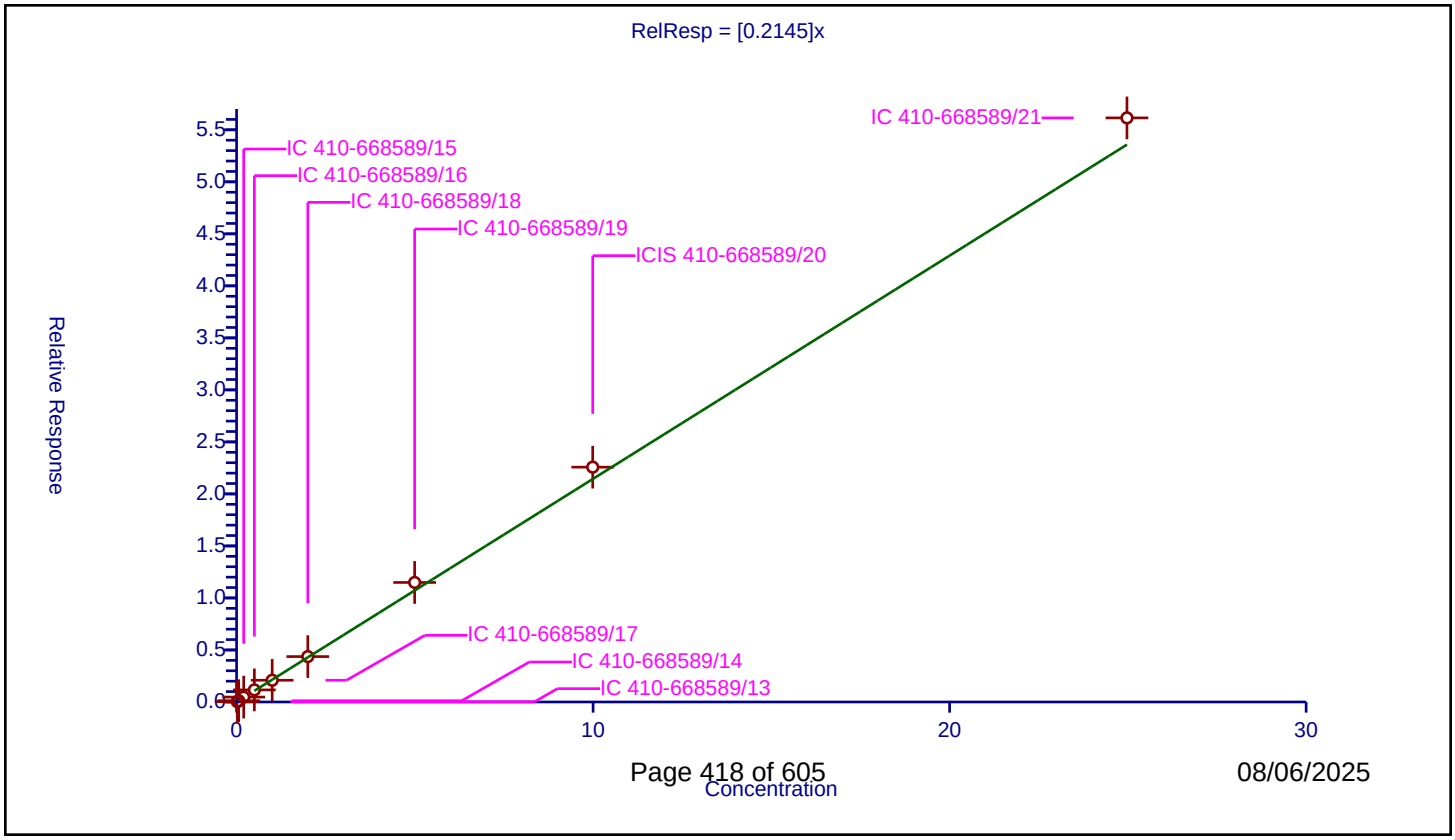
Curve Coefficients

Intercept:	0
Slope:	0.2145

Error Coefficients

Relative Standard Deviation:	12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.01998	0.002991	10.0	1832045.0	0.149713	Y
2	IC 410-668589/14	0.059939	0.012177	10.0	1831280.0	0.203163	Y
3	IC 410-668589/15	0.199795	0.047269	10.0	1849831.0	0.236588	Y
4	IC 410-668589/16	0.499488	0.116222	10.0	1860146.0	0.232682	Y
5	IC 410-668589/17	0.998976	0.209129	10.0	1893953.0	0.209343	Y
6	IC 410-668589/18	1.997952	0.43645	10.0	1918847.0	0.218448	Y
7	IC 410-668589/19	4.99488	1.149036	10.0	1935362.0	0.230043	Y
8	ICIS 410-668589/20	9.98976	2.257513	10.0	1961552.0	0.225983	Y
9	IC 410-668589/21	24.9744	5.614665	10.0	1984911.0	0.224817	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

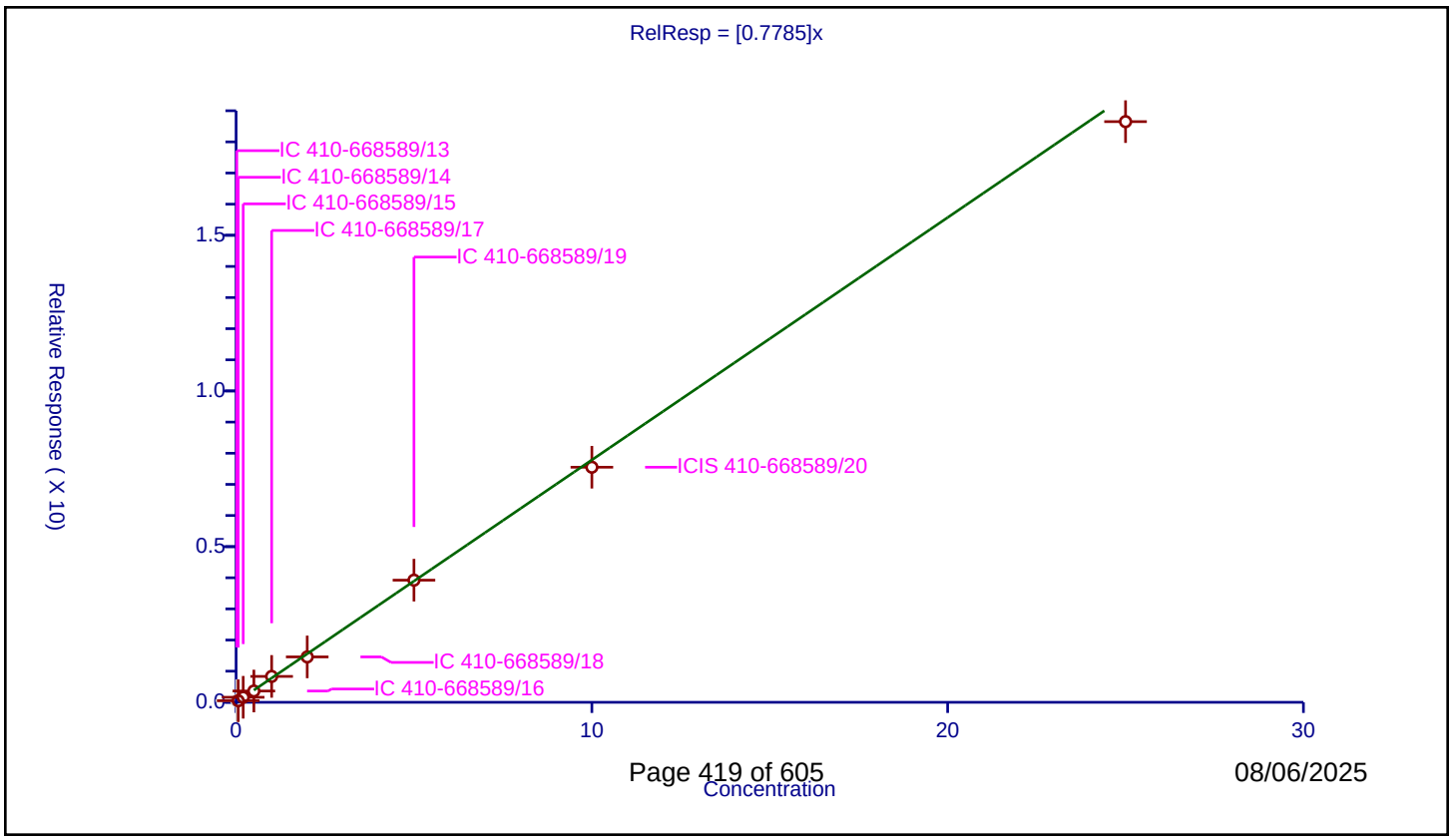
Curve Coefficients

Intercept:	0
Slope:	0.7785

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.055124	10.0	1832045.0	2.75621	N
2	IC 410-668589/14	0.06	0.050735	10.0	1831280.0	0.845583	Y
3	IC 410-668589/15	0.2	0.161988	10.0	1849831.0	0.809939	Y
4	IC 410-668589/16	0.5	0.363052	10.0	1860146.0	0.726104	Y
5	IC 410-668589/17	1.0	0.831657	10.0	1893953.0	0.831657	Y
6	IC 410-668589/18	2.0	1.458397	10.0	1918847.0	0.729198	Y
7	IC 410-668589/19	5.0	3.923013	10.0	1935362.0	0.784603	Y
8	ICIS 410-668589/20	10.0	7.551296	10.0	1961552.0	0.75513	Y
9	IC 410-668589/21	25.0	18.650766	10.0	1984911.0	0.746031	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

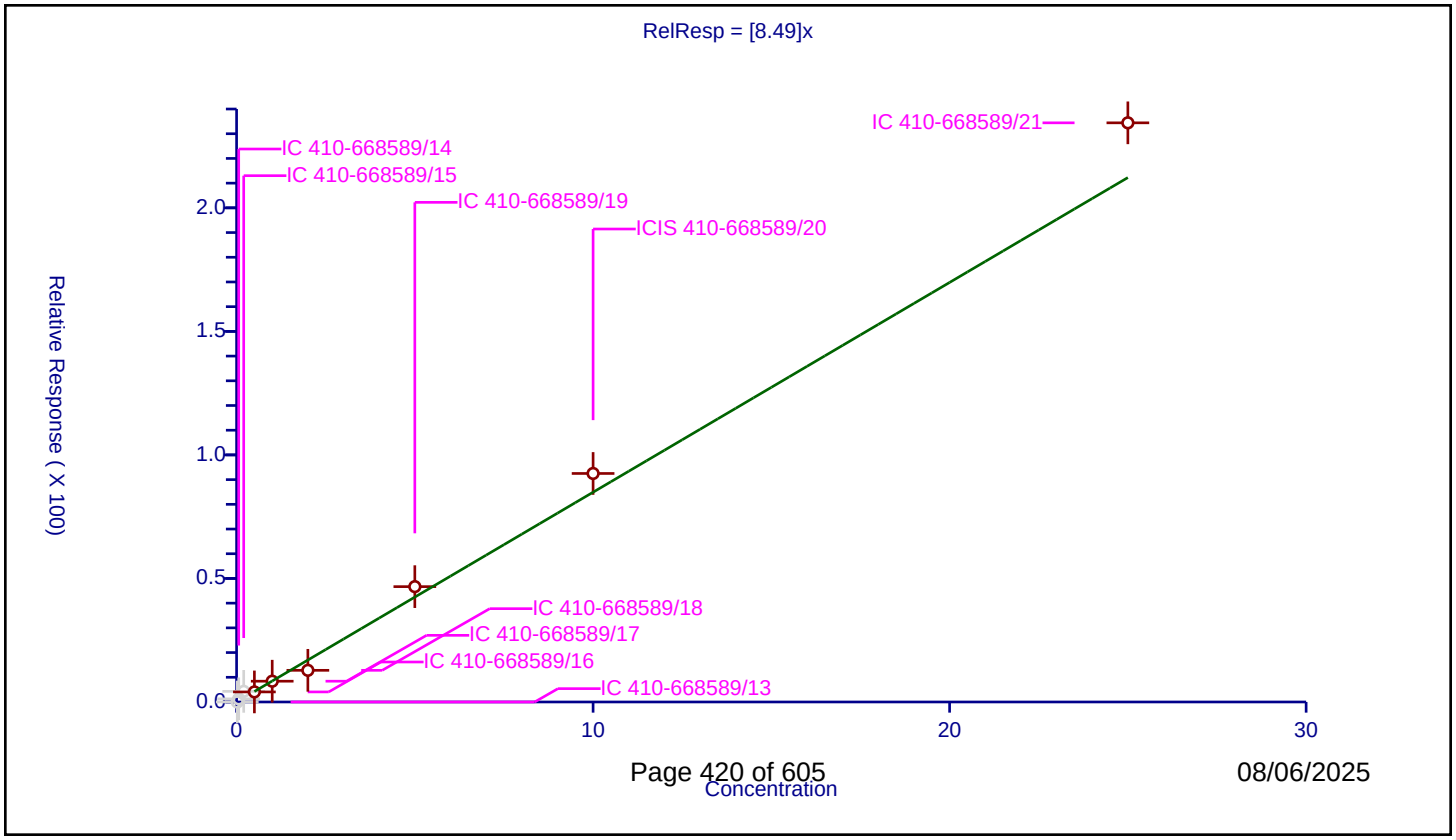
Curve Coefficients

Intercept:	0
Slope:	8.49

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.0	50.0	73626.0	0.0	N
2	IC 410-668589/14	0.06	1.267606	50.0	80230.0	21.126761	N
3	IC 410-668589/15	0.2	4.29975	50.0	83156.0	21.498749	N
4	IC 410-668589/16	0.5	4.077737	50.0	72295.0	8.155474	Y
5	IC 410-668589/17	1.0	8.416506	50.0	64825.0	8.416506	Y
6	IC 410-668589/18	2.0	12.814369	50.0	87437.0	6.407185	Y
7	IC 410-668589/19	5.0	46.681766	50.0	71966.0	9.336353	Y
8	ICIS 410-668589/20	10.0	92.493999	50.0	75826.0	9.2494	Y
9	IC 410-668589/21	25.0	234.412303	50.0	82517.0	9.376492	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

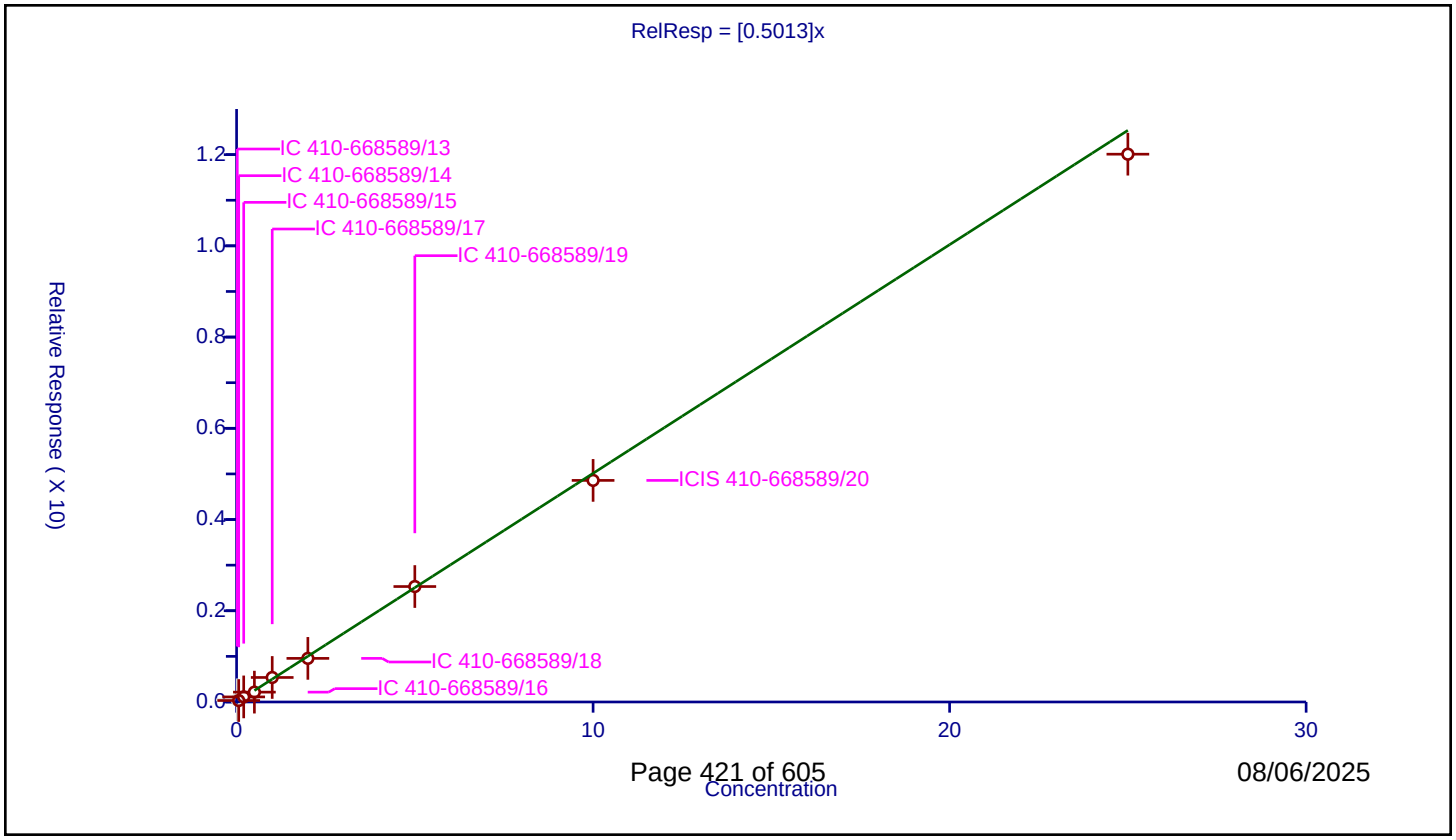
Curve Coefficients

Intercept:	0
Slope:	0.5013

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.047488	10.0	1832045.0	2.374396	N
2	IC 410-668589/14	0.06	0.031983	10.0	1831280.0	0.533052	Y
3	IC 410-668589/15	0.2	0.111362	10.0	1849831.0	0.556808	Y
4	IC 410-668589/16	0.5	0.216279	10.0	1860146.0	0.432557	Y
5	IC 410-668589/17	1.0	0.537495	10.0	1893953.0	0.537495	Y
6	IC 410-668589/18	2.0	0.956038	10.0	1918847.0	0.478019	Y
7	IC 410-668589/19	5.0	2.53117	10.0	1935362.0	0.506234	Y
8	ICIS 410-668589/20	10.0	4.858061	10.0	1961552.0	0.485806	Y
9	IC 410-668589/21	25.0	12.00942	10.0	1984911.0	0.480377	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

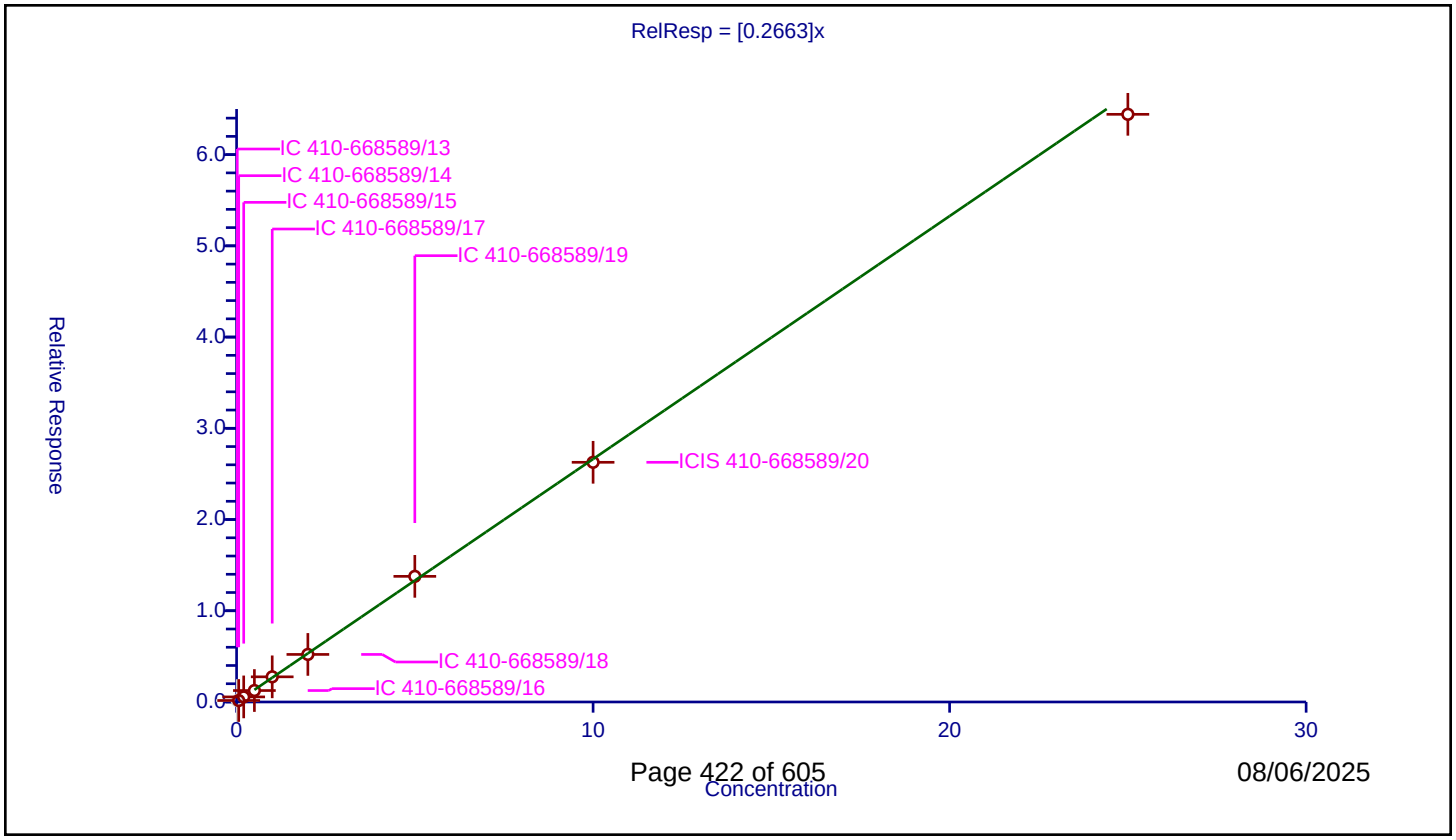
Curve Coefficients

Intercept:	0
Slope:	0.2663

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.0153	10.0	1832045.0	0.764992	N
2	IC 410-668589/14	0.06	0.016153	10.0	1831280.0	0.269211	Y
3	IC 410-668589/15	0.2	0.055578	10.0	1849831.0	0.27789	Y
4	IC 410-668589/16	0.5	0.125517	10.0	1860146.0	0.251034	Y
5	IC 410-668589/17	1.0	0.275904	10.0	1893953.0	0.275904	Y
6	IC 410-668589/18	2.0	0.521344	10.0	1918847.0	0.260672	Y
7	IC 410-668589/19	5.0	1.377107	10.0	1935362.0	0.275421	Y
8	ICIS 410-668589/20	10.0	2.627399	10.0	1961552.0	0.26274	Y
9	IC 410-668589/21	25.0	6.441916	10.0	1984911.0	0.257677	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

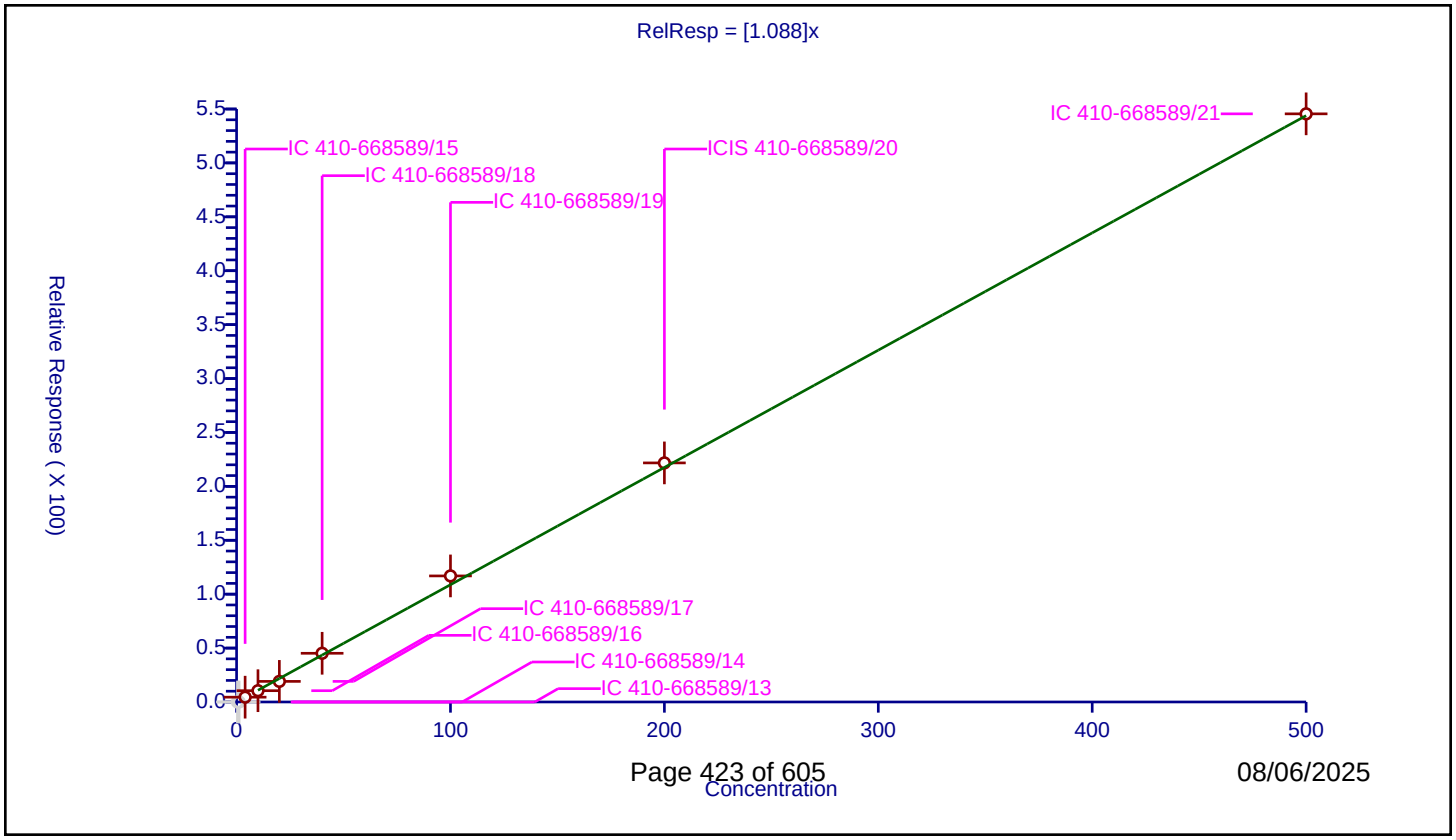
Curve Coefficients

Intercept:	0
Slope:	1.088

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.4	0.0	50.0	73626.0	0.0	N
2	IC 410-668589/14	1.2	0.0	50.0	80230.0	0.0	N
3	IC 410-668589/15	4.0	4.455481	50.0	83156.0	1.11387	Y
4	IC 410-668589/16	10.0	10.467529	50.0	72295.0	1.046753	Y
5	IC 410-668589/17	20.0	19.095256	50.0	64825.0	0.954763	Y
6	IC 410-668589/18	40.0	45.186248	50.0	87437.0	1.129656	Y
7	IC 410-668589/19	100.0	116.93647	50.0	71966.0	1.169365	Y
8	ICIS 410-668589/20	200.0	221.763643	50.0	75826.0	1.108818	Y
9	IC 410-668589/21	500.0	545.523953	50.0	82517.0	1.091048	Y



Calibration / Acrylonitrile

Curve Type:	Linear
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

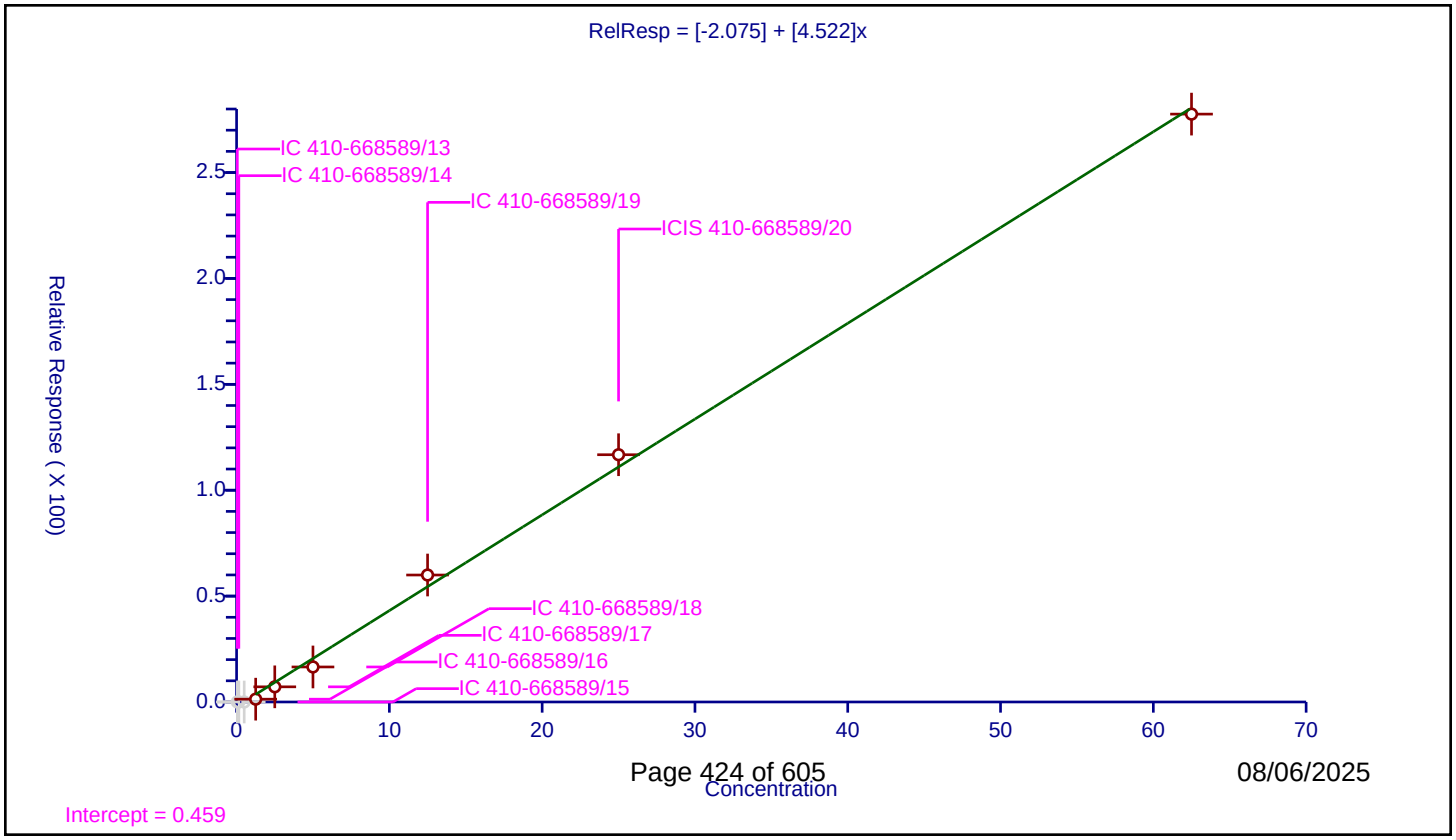
Curve Coefficients

Intercept:	-2.075
Slope:	4.522

Error Coefficients

Relative Standard Deviation:	24.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.05	0.0	50.0	73626.0	0.0	N
2	IC 410-668589/14	0.15	0.0	50.0	80230.0	0.0	N
3	IC 410-668589/15	0.5	0.0	50.0	83156.0	0.0	N
4	IC 410-668589/16	1.25	1.330659	50.0	72295.0	1.064527	Y
5	IC 410-668589/17	2.5	7.155418	50.0	64825.0	2.862167	Y
6	IC 410-668589/18	5.0	16.535334	50.0	87437.0	3.307067	Y
7	IC 410-668589/19	12.5	59.960954	50.0	71966.0	4.796876	Y
8	ICIS 410-668589/20	25.0	116.762061	50.0	75826.0	4.670482	Y
9	IC 410-668589/21	62.5	277.595526	50.0	82517.0	4.441528	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

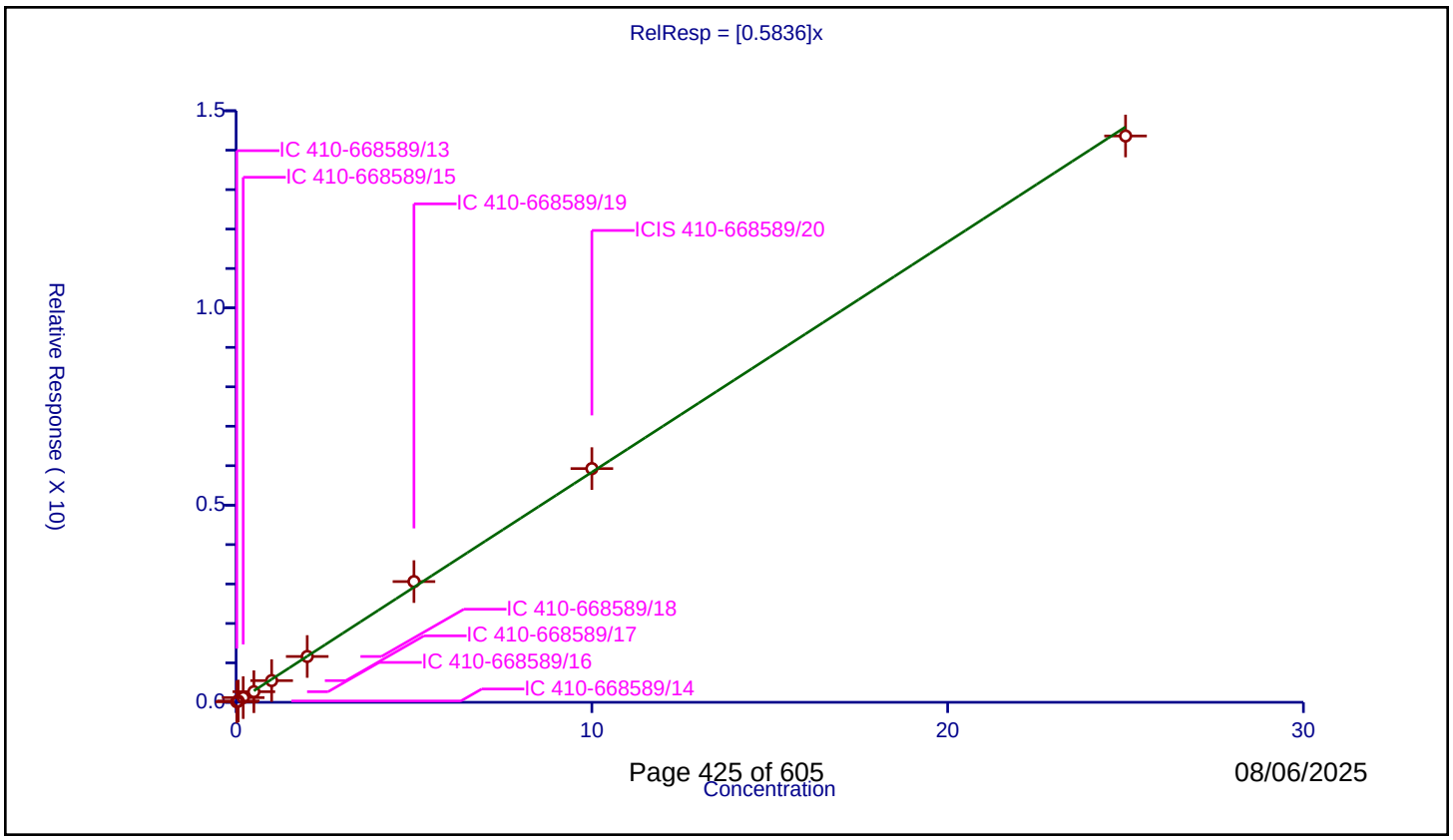
Curve Coefficients

Intercept:	0
Slope:	0.5836

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.01298	10.0	1832045.0	0.649002	Y
2	IC 410-668589/14	0.06	0.033605	10.0	1831280.0	0.560082	Y
3	IC 410-668589/15	0.2	0.118941	10.0	1849831.0	0.594703	Y
4	IC 410-668589/16	0.5	0.269011	10.0	1860146.0	0.538022	Y
5	IC 410-668589/17	1.0	0.550167	10.0	1893953.0	0.550167	Y
6	IC 410-668589/18	2.0	1.162135	10.0	1918847.0	0.581068	Y
7	IC 410-668589/19	5.0	3.061665	10.0	1935362.0	0.612333	Y
8	ICIS 410-668589/20	10.0	5.92646	10.0	1961552.0	0.592646	Y
9	IC 410-668589/21	25.0	14.36082	10.0	1984911.0	0.574433	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

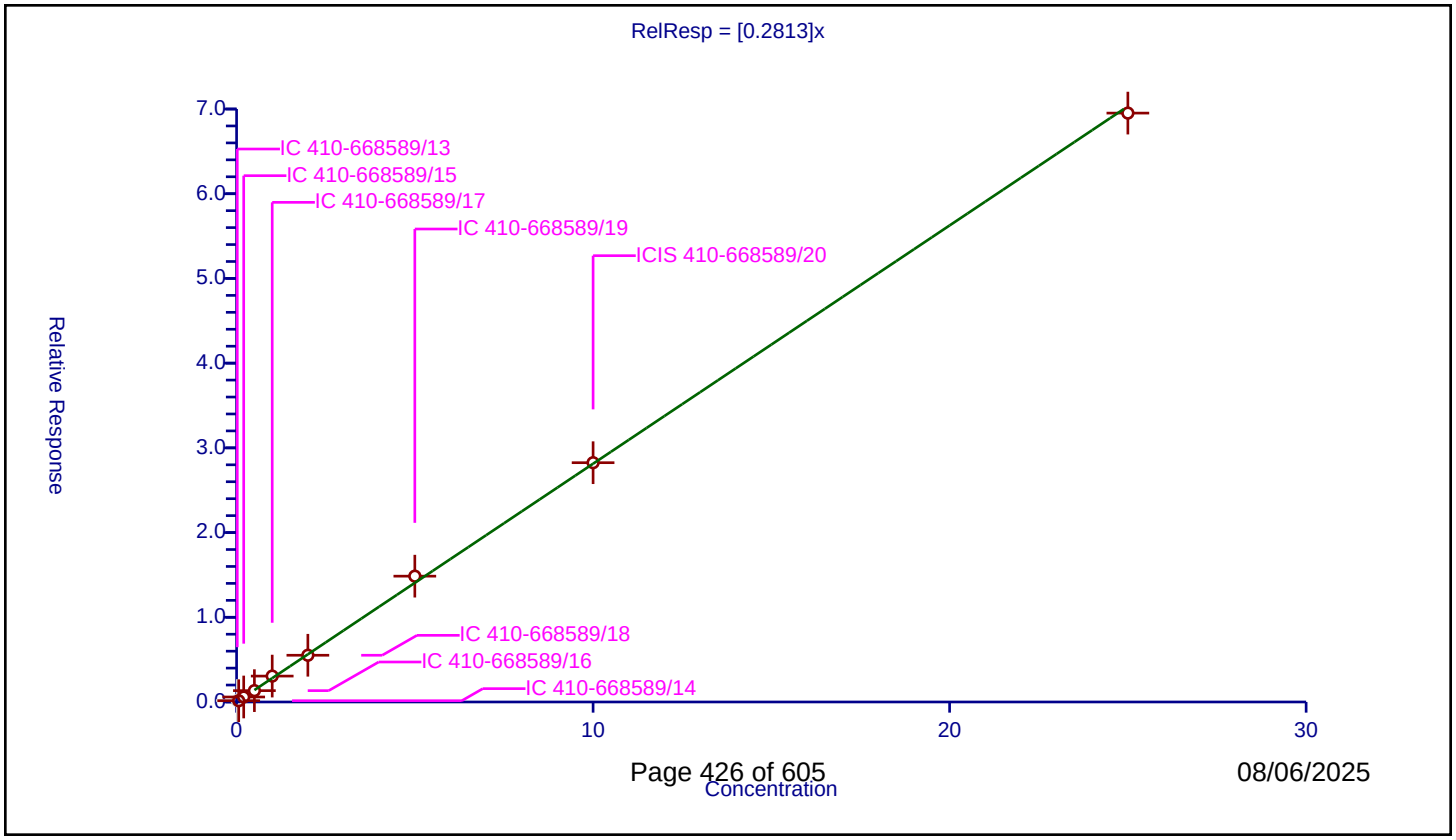
Curve Coefficients

Intercept:	0
Slope:	0.2813

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.01715	10.0	1832045.0	0.857512	N
2	IC 410-668589/14	0.06	0.014919	10.0	1831280.0	0.248642	Y
3	IC 410-668589/15	0.2	0.058876	10.0	1849831.0	0.294378	Y
4	IC 410-668589/16	0.5	0.134011	10.0	1860146.0	0.268022	Y
5	IC 410-668589/17	1.0	0.30571	10.0	1893953.0	0.30571	Y
6	IC 410-668589/18	2.0	0.551571	10.0	1918847.0	0.275785	Y
7	IC 410-668589/19	5.0	1.485526	10.0	1935362.0	0.297105	Y
8	ICIS 410-668589/20	10.0	2.824835	10.0	1961552.0	0.282483	Y
9	IC 410-668589/21	25.0	6.951883	10.0	1984911.0	0.278075	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

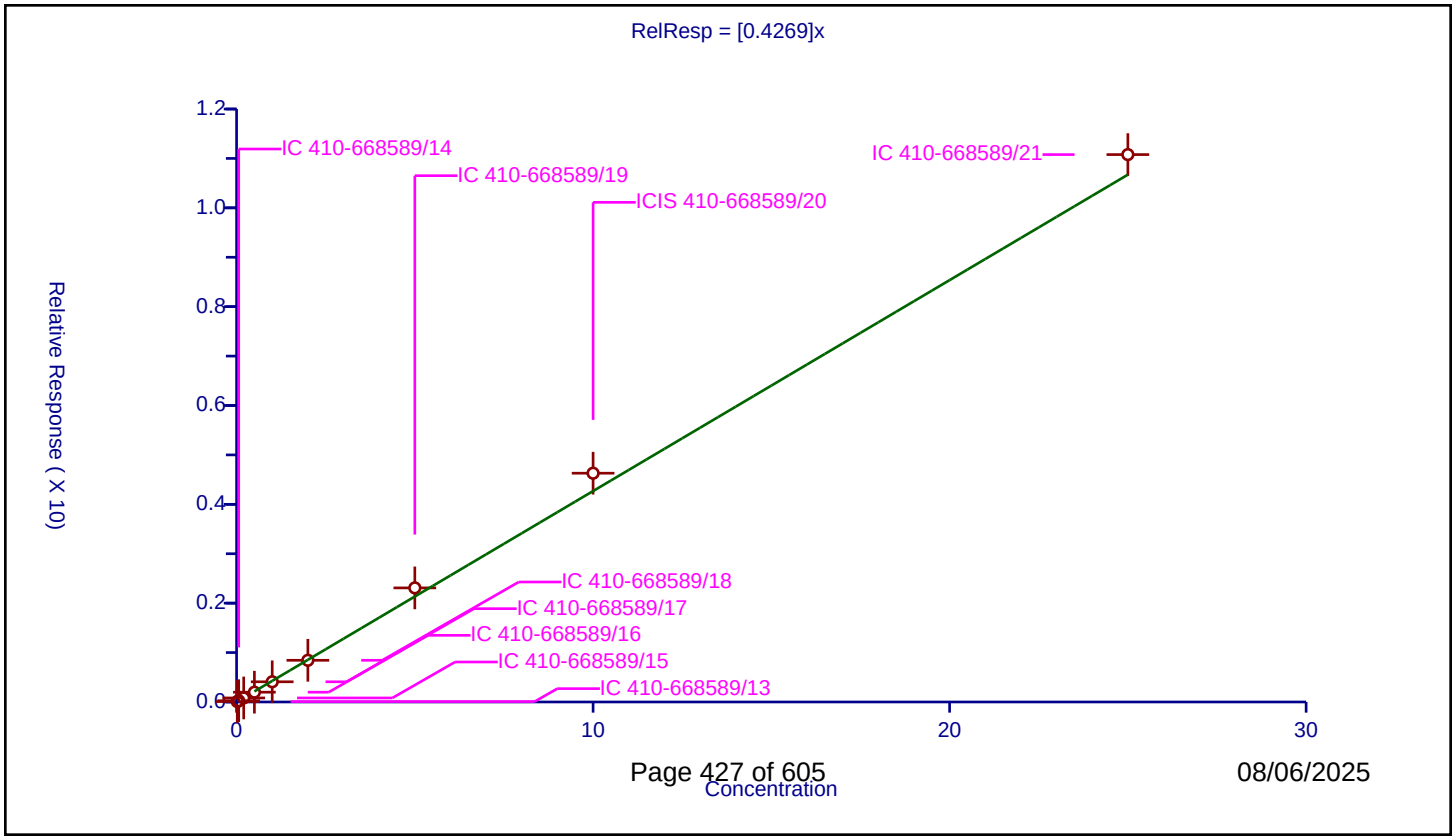
Curve Coefficients

Intercept:	0
Slope:	0.4269

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.008193	10.0	1832045.0	0.409652	Y
2	IC 410-668589/14	0.06	0.025665	10.0	1831280.0	0.427752	Y
3	IC 410-668589/15	0.2	0.081835	10.0	1849831.0	0.409173	Y
4	IC 410-668589/16	0.5	0.198189	10.0	1860146.0	0.396377	Y
5	IC 410-668589/17	1.0	0.409007	10.0	1893953.0	0.409007	Y
6	IC 410-668589/18	2.0	0.84358	10.0	1918847.0	0.42179	Y
7	IC 410-668589/19	5.0	2.308994	10.0	1935362.0	0.461799	Y
8	ICIS 410-668589/20	10.0	4.630114	10.0	1961552.0	0.463011	Y
9	IC 410-668589/21	25.0	11.077807	10.0	1984911.0	0.443112	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

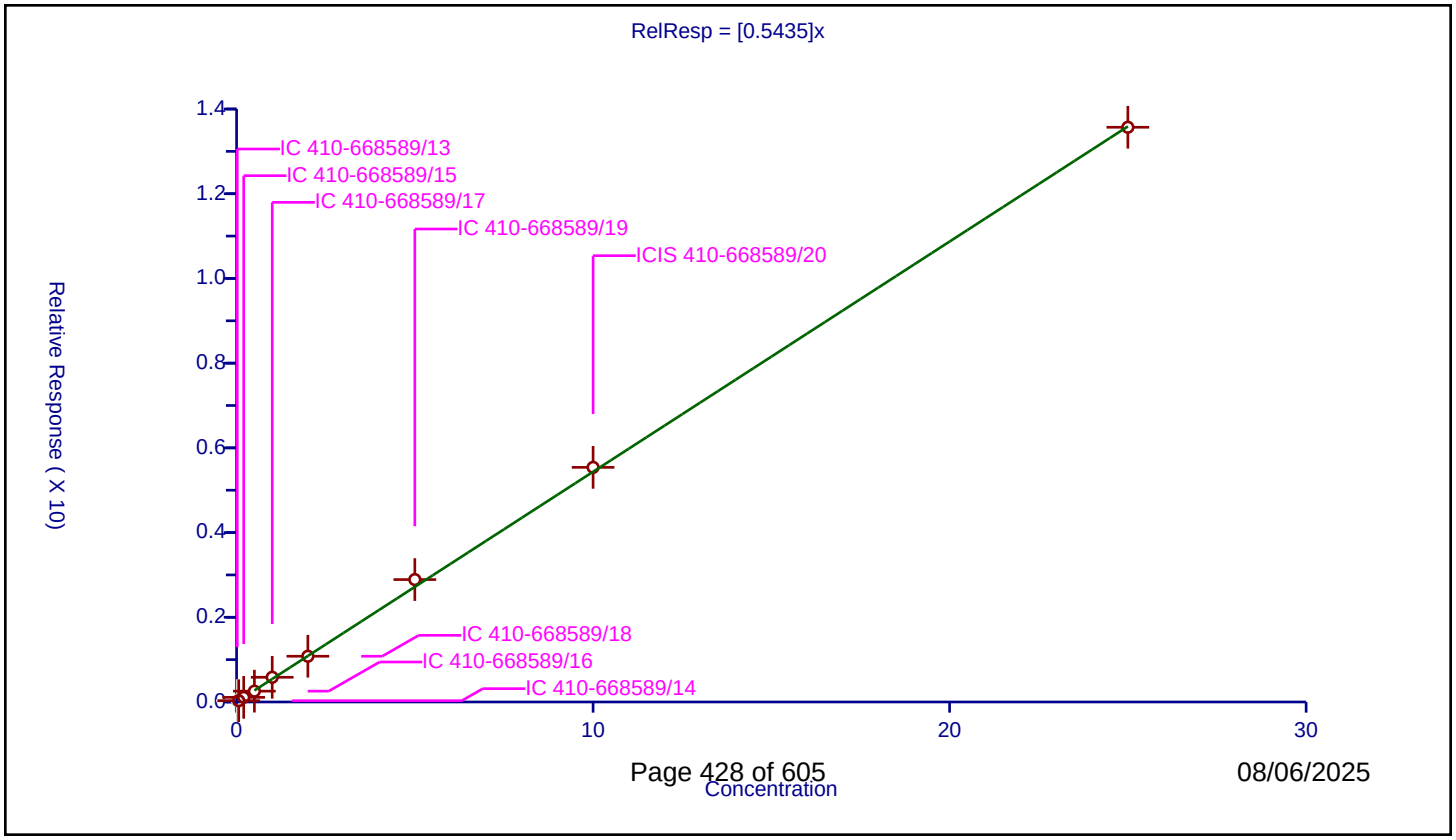
Curve Coefficients

Intercept:	0
Slope:	0.5435

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.033618	10.0	1832045.0	1.680908	N
2	IC 410-668589/14	0.06	0.029619	10.0	1831280.0	0.493644	Y
3	IC 410-668589/15	0.2	0.10895	10.0	1849831.0	0.544752	Y
4	IC 410-668589/16	0.5	0.255786	10.0	1860146.0	0.511573	Y
5	IC 410-668589/17	1.0	0.583489	10.0	1893953.0	0.583489	Y
6	IC 410-668589/18	2.0	1.080352	10.0	1918847.0	0.540176	Y
7	IC 410-668589/19	5.0	2.890043	10.0	1935362.0	0.578009	Y
8	ICIS 410-668589/20	10.0	5.539313	10.0	1961552.0	0.553931	Y
9	IC 410-668589/21	25.0	13.569208	10.0	1984911.0	0.542768	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

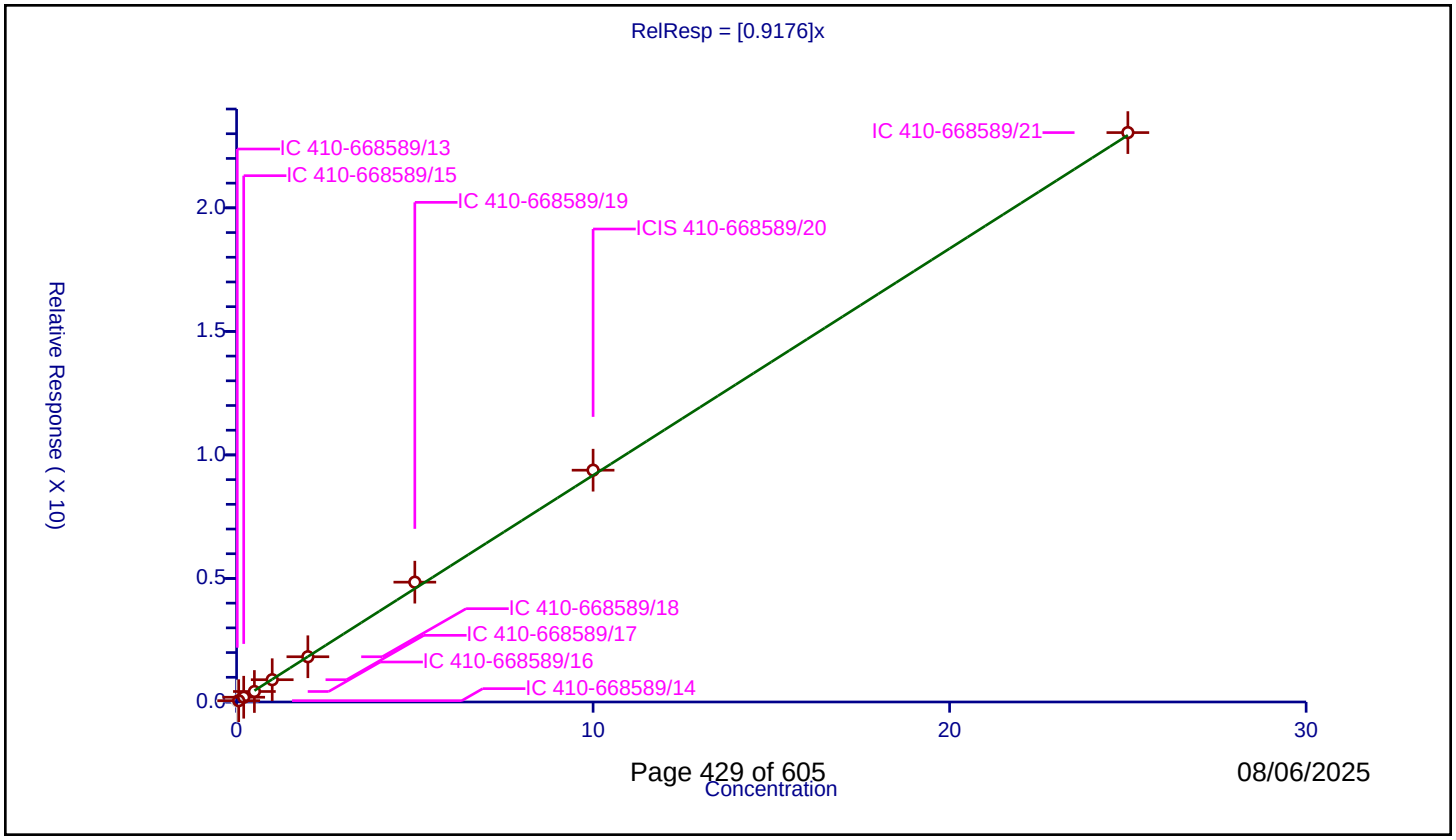
Curve Coefficients

Intercept:	0
Slope:	0.9176

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.038531	10.0	1832045.0	1.926536	N
2	IC 410-668589/14	0.06	0.052947	10.0	1831280.0	0.882443	Y
3	IC 410-668589/15	0.2	0.192299	10.0	1849831.0	0.961493	Y
4	IC 410-668589/16	0.5	0.424762	10.0	1860146.0	0.849525	Y
5	IC 410-668589/17	1.0	0.901997	10.0	1893953.0	0.901997	Y
6	IC 410-668589/18	2.0	1.830599	10.0	1918847.0	0.9153	Y
7	IC 410-668589/19	5.0	4.849734	10.0	1935362.0	0.969947	Y
8	ICIS 410-668589/20	10.0	9.381943	10.0	1961552.0	0.938194	Y
9	IC 410-668589/21	25.0	23.046222	10.0	1984911.0	0.921849	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

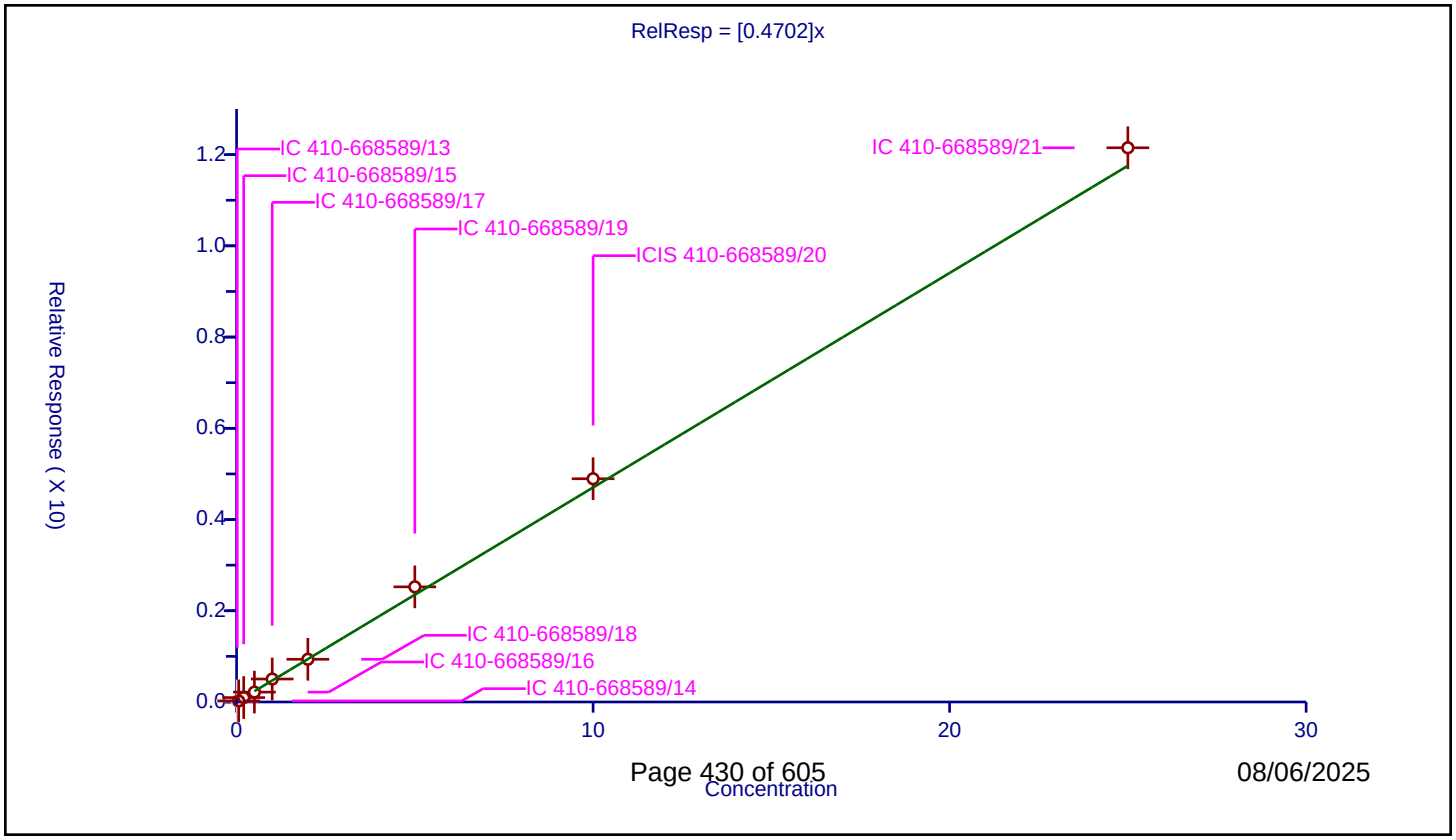
Curve Coefficients

Intercept:	0
Slope:	0.4702

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.02179	10.0	1832045.0	1.089493	N
2	IC 410-668589/14	0.06	0.023557	10.0	1831280.0	0.392622	Y
3	IC 410-668589/15	0.2	0.096766	10.0	1849831.0	0.483828	Y
4	IC 410-668589/16	0.5	0.216655	10.0	1860146.0	0.43331	Y
5	IC 410-668589/17	1.0	0.503909	10.0	1893953.0	0.503909	Y
6	IC 410-668589/18	2.0	0.936208	10.0	1918847.0	0.468104	Y
7	IC 410-668589/19	5.0	2.524117	10.0	1935362.0	0.504823	Y
8	ICIS 410-668589/20	10.0	4.893916	10.0	1961552.0	0.489392	Y
9	IC 410-668589/21	25.0	12.149724	10.0	1984911.0	0.485989	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

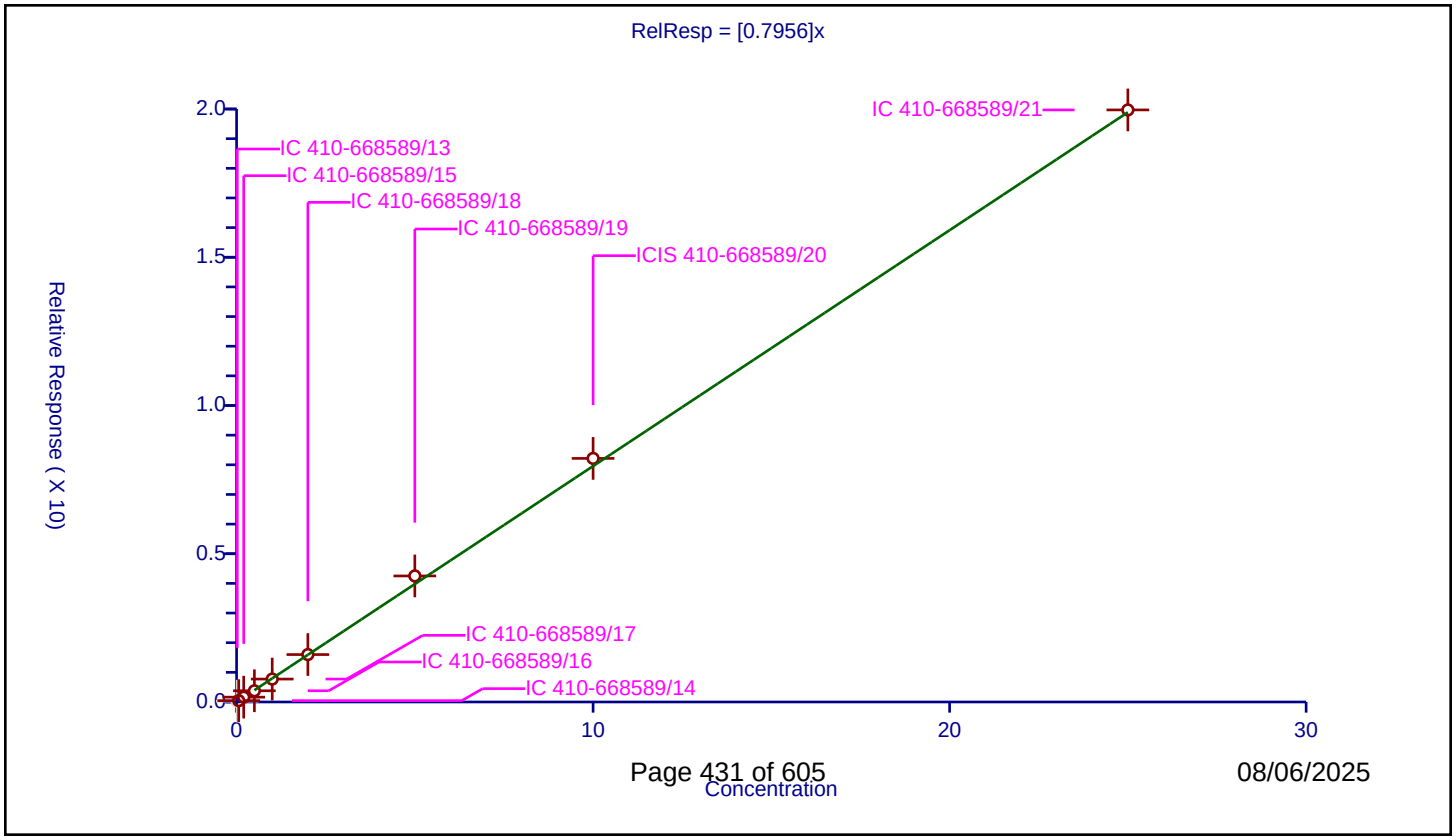
Curve Coefficients

Intercept:	0
Slope:	0.7956

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.027237	10.0	1832045.0	1.361866	N
2	IC 410-668589/14	0.06	0.045078	10.0	1831280.0	0.751296	Y
3	IC 410-668589/15	0.2	0.162853	10.0	1849831.0	0.814264	Y
4	IC 410-668589/16	0.5	0.378029	10.0	1860146.0	0.756059	Y
5	IC 410-668589/17	1.0	0.773118	10.0	1893953.0	0.773118	Y
6	IC 410-668589/18	2.0	1.599434	10.0	1918847.0	0.799717	Y
7	IC 410-668589/19	5.0	4.25122	10.0	1935362.0	0.850244	Y
8	ICIS 410-668589/20	10.0	8.215535	10.0	1961552.0	0.821554	Y
9	IC 410-668589/21	25.0	19.968966	10.0	1984911.0	0.798759	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

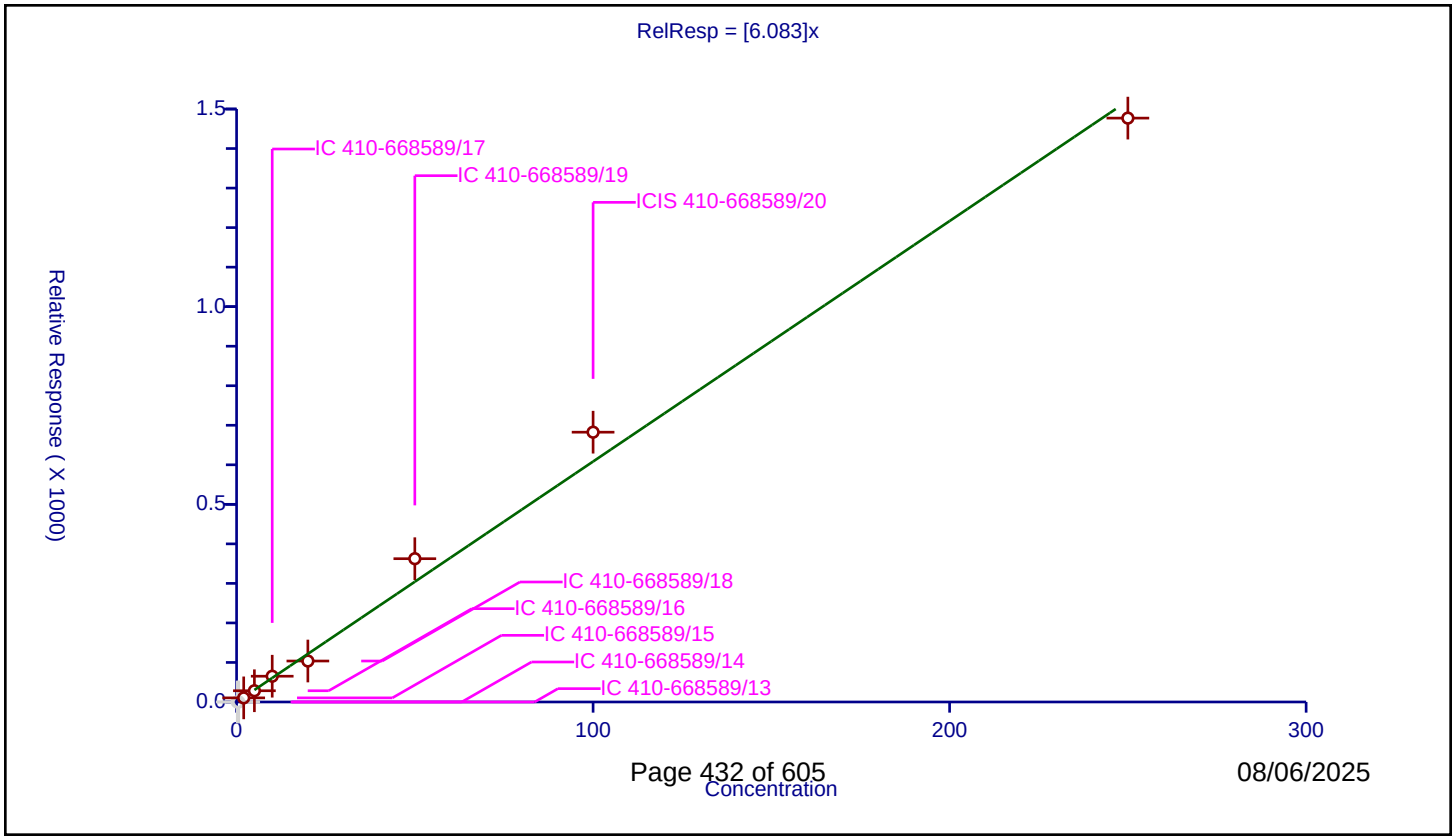
Curve Coefficients

Intercept:	0
Slope:	6.083

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.2	0.0	50.0	73626.0	0.0	N
2	IC 410-668589/14	0.6	0.0	50.0	80230.0	0.0	N
3	IC 410-668589/15	2.0	10.425586	50.0	83156.0	5.212793	Y
4	IC 410-668589/16	5.0	28.399613	50.0	72295.0	5.679923	Y
5	IC 410-668589/17	10.0	65.223293	50.0	64825.0	6.522329	Y
6	IC 410-668589/18	20.0	103.675218	50.0	87437.0	5.183761	Y
7	IC 410-668589/19	50.0	362.466304	50.0	71966.0	7.249326	Y
8	ICIS 410-668589/20	100.0	682.514573	50.0	75826.0	6.825146	Y
9	IC 410-668589/21	250.0	1477.002921	50.0	82517.0	5.908012	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

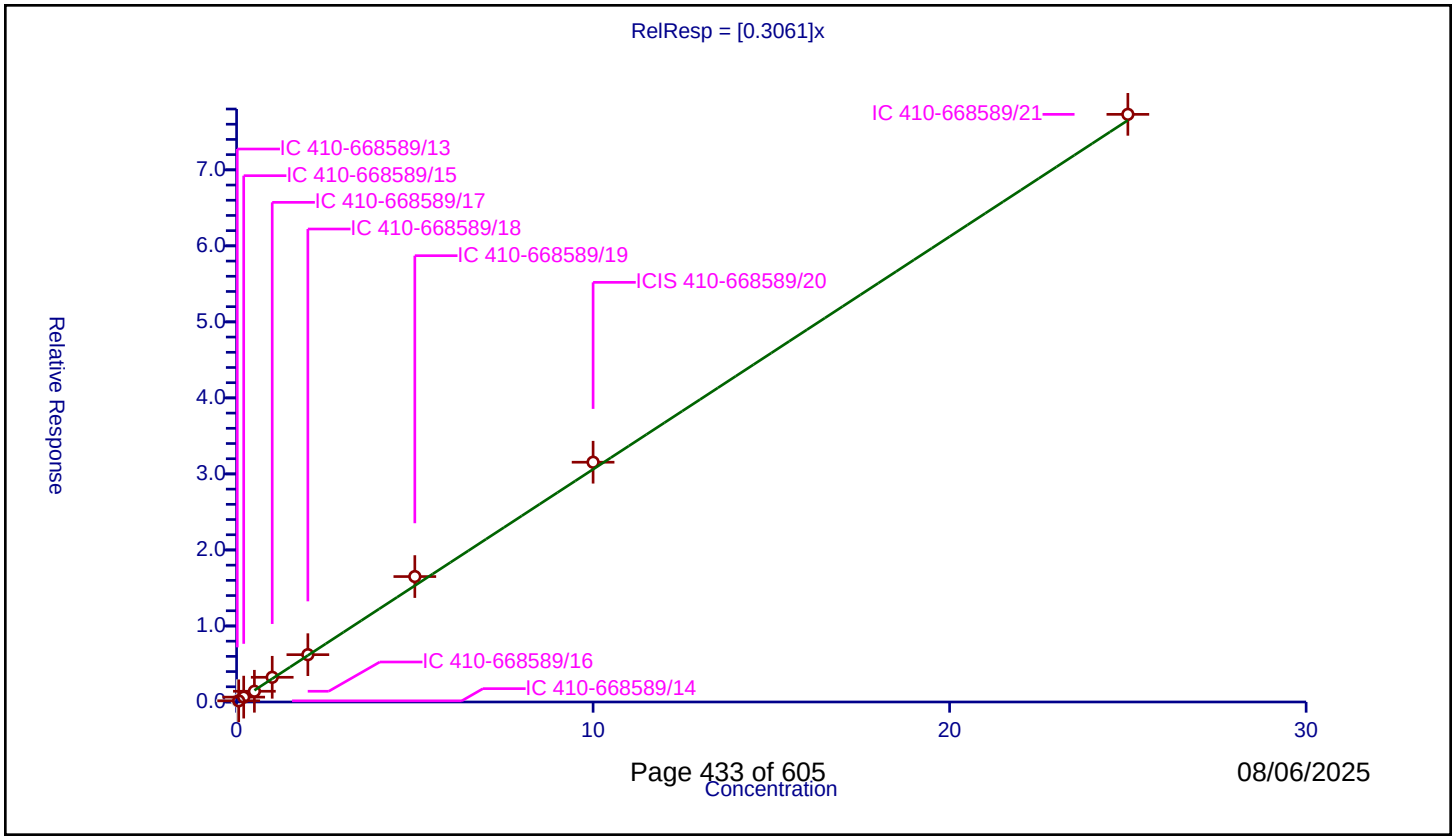
Curve Coefficients

Intercept:	0
Slope:	0.3061

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.016861	10.0	1832045.0	0.843047	N
2	IC 410-668589/14	0.06	0.01529	10.0	1831280.0	0.254831	Y
3	IC 410-668589/15	0.2	0.064184	10.0	1849831.0	0.320921	Y
4	IC 410-668589/16	0.5	0.141048	10.0	1860146.0	0.282096	Y
5	IC 410-668589/17	1.0	0.325066	10.0	1893953.0	0.325066	Y
6	IC 410-668589/18	2.0	0.622332	10.0	1918847.0	0.311166	Y
7	IC 410-668589/19	5.0	1.649841	10.0	1935362.0	0.329968	Y
8	ICIS 410-668589/20	10.0	3.154094	10.0	1961552.0	0.315409	Y
9	IC 410-668589/21	25.0	7.729858	10.0	1984911.0	0.309194	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

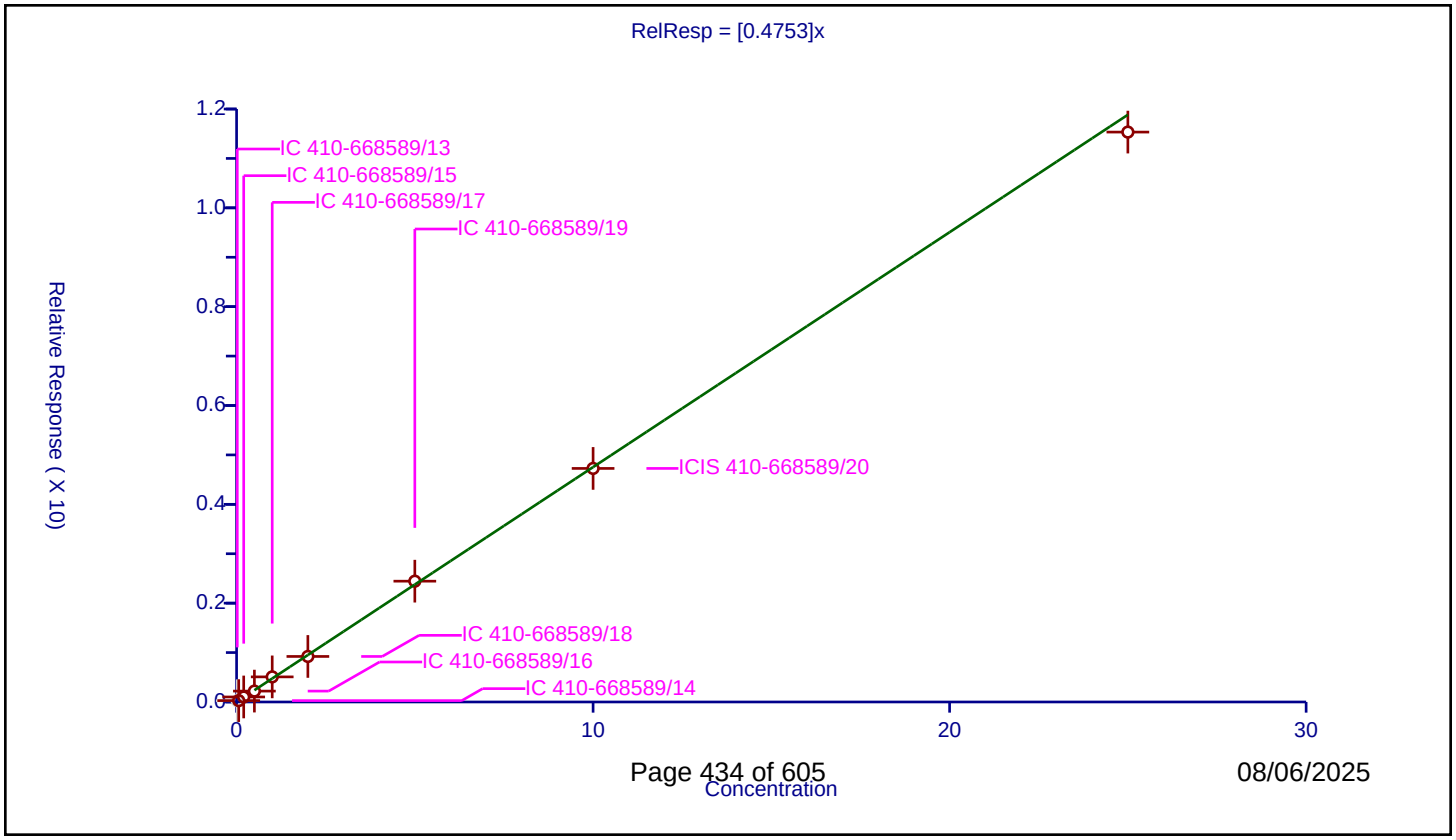
Curve Coefficients

Intercept:	0
Slope:	0.4753

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.025878	10.0	1832045.0	1.293909	N
2	IC 410-668589/14	0.06	0.02768	10.0	1831280.0	0.461335	Y
3	IC 410-668589/15	0.2	0.101863	10.0	1849831.0	0.509317	Y
4	IC 410-668589/16	0.5	0.220209	10.0	1860146.0	0.440417	Y
5	IC 410-668589/17	1.0	0.508101	10.0	1893953.0	0.508101	Y
6	IC 410-668589/18	2.0	0.921256	10.0	1918847.0	0.460628	Y
7	IC 410-668589/19	5.0	2.445077	10.0	1935362.0	0.489015	Y
8	ICIS 410-668589/20	10.0	4.726349	10.0	1961552.0	0.472635	Y
9	IC 410-668589/21	25.0	11.53294	10.0	1984911.0	0.461318	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

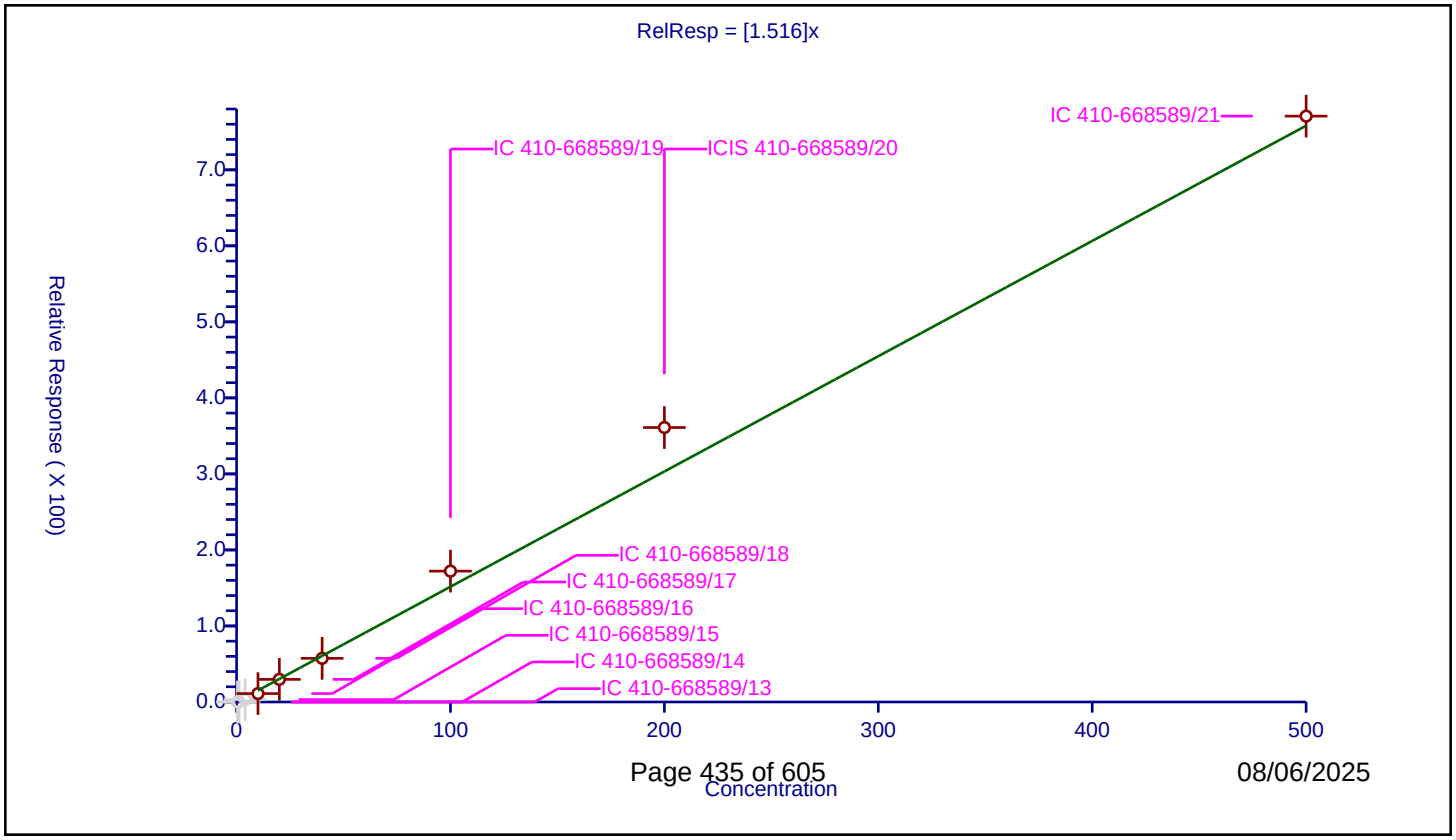
Curve Coefficients

Intercept:	0
Slope:	1.516

Error Coefficients

Relative Standard Deviation:	16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.4	0.0	50.0	73626.0	0.0	N
2	IC 410-668589/14	1.2	0.0	50.0	80230.0	0.0	N
3	IC 410-668589/15	4.0	3.171148	50.0	83156.0	0.792787	N
4	IC 410-668589/16	10.0	11.070613	50.0	72295.0	1.107061	Y
5	IC 410-668589/17	20.0	29.730042	50.0	64825.0	1.486502	Y
6	IC 410-668589/18	40.0	57.400185	50.0	87437.0	1.435005	Y
7	IC 410-668589/19	100.0	172.159075	50.0	71966.0	1.721591	Y
8	ICIS 410-668589/20	200.0	361.02722	50.0	75826.0	1.805136	Y
9	IC 410-668589/21	500.0	770.646049	50.0	82517.0	1.541292	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

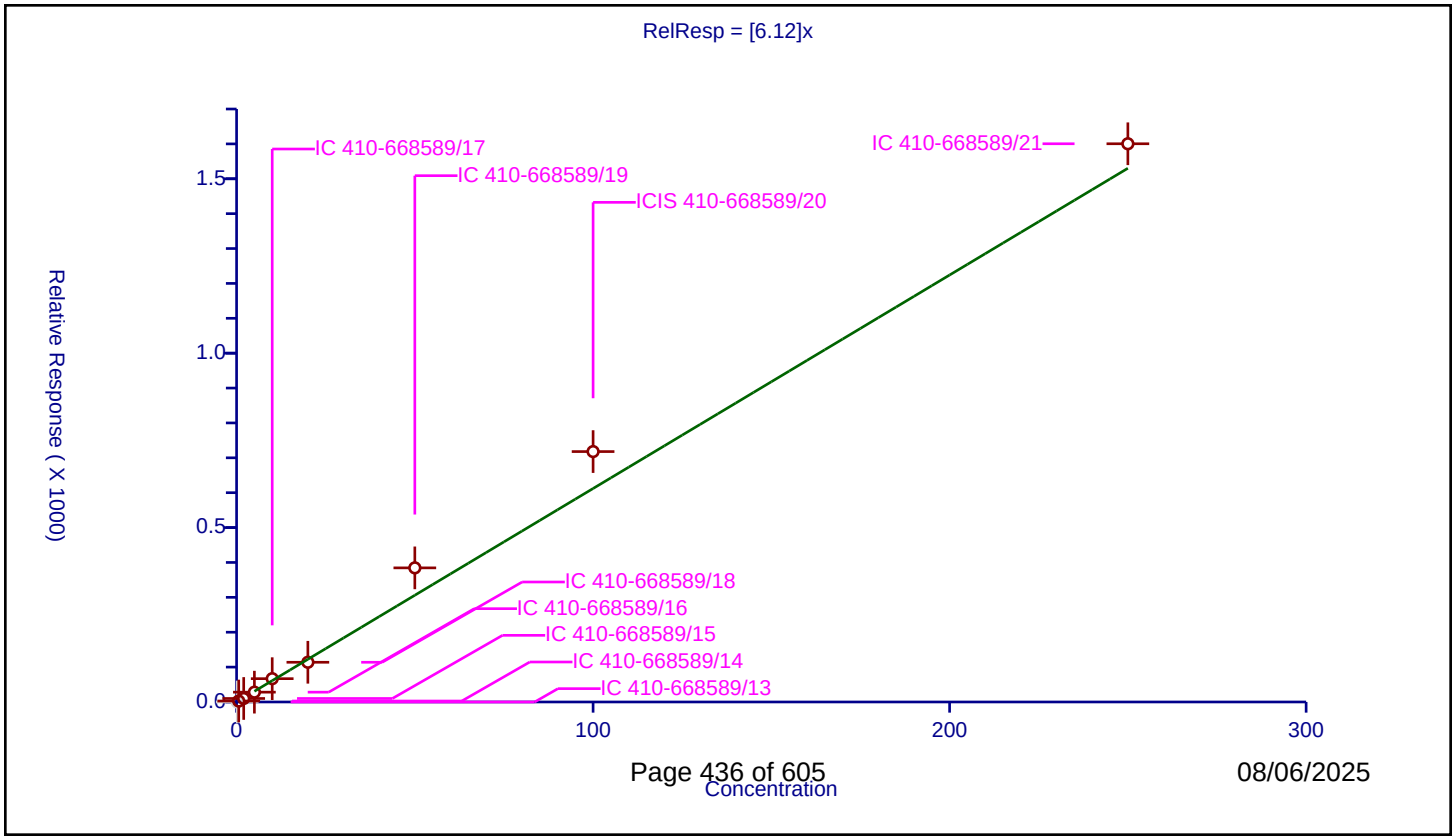
Curve Coefficients

Intercept:	0
Slope:	6.12

Error Coefficients

Relative Standard Deviation:	17.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.2	0.0	50.0	73626.0	0.0	N
2	IC 410-668589/14	0.6	2.804437	50.0	80230.0	4.674062	Y
3	IC 410-668589/15	2.0	10.018519	50.0	83156.0	5.00926	Y
4	IC 410-668589/16	5.0	28.172073	50.0	72295.0	5.634415	Y
5	IC 410-668589/17	10.0	66.8199	50.0	64825.0	6.68199	Y
6	IC 410-668589/18	20.0	113.847113	50.0	87437.0	5.692356	Y
7	IC 410-668589/19	50.0	384.521858	50.0	71966.0	7.690437	Y
8	ICIS 410-668589/20	100.0	717.932503	50.0	75826.0	7.179325	Y
9	IC 410-668589/21	250.0	1600.358108	50.0	82517.0	6.401432	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

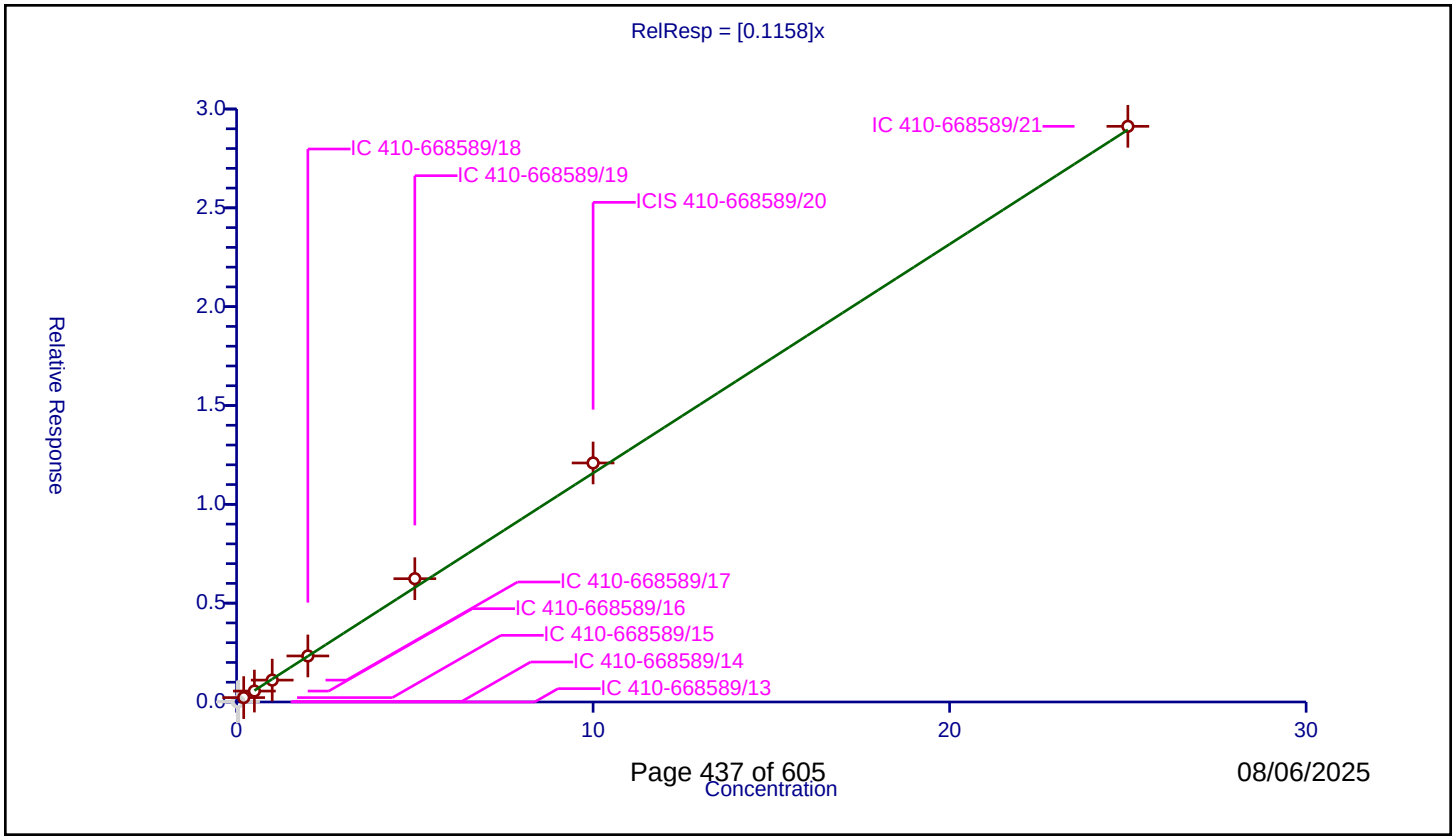
Curve Coefficients

Intercept:	0
Slope:	0.1158

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.0	10.0	1832045.0	0.0	N
2	IC 410-668589/14	0.06	0.002812	10.0	1831280.0	0.046871	N
3	IC 410-668589/15	0.2	0.022132	10.0	1849831.0	0.110659	Y
4	IC 410-668589/16	0.5	0.055297	10.0	1860146.0	0.110593	Y
5	IC 410-668589/17	1.0	0.110752	10.0	1893953.0	0.110752	Y
6	IC 410-668589/18	2.0	0.232905	10.0	1918847.0	0.116453	Y
7	IC 410-668589/19	5.0	0.623754	10.0	1935362.0	0.124751	Y
8	ICIS 410-668589/20	10.0	1.209287	10.0	1961552.0	0.120929	Y
9	IC 410-668589/21	25.0	2.912403	10.0	1984911.0	0.116496	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

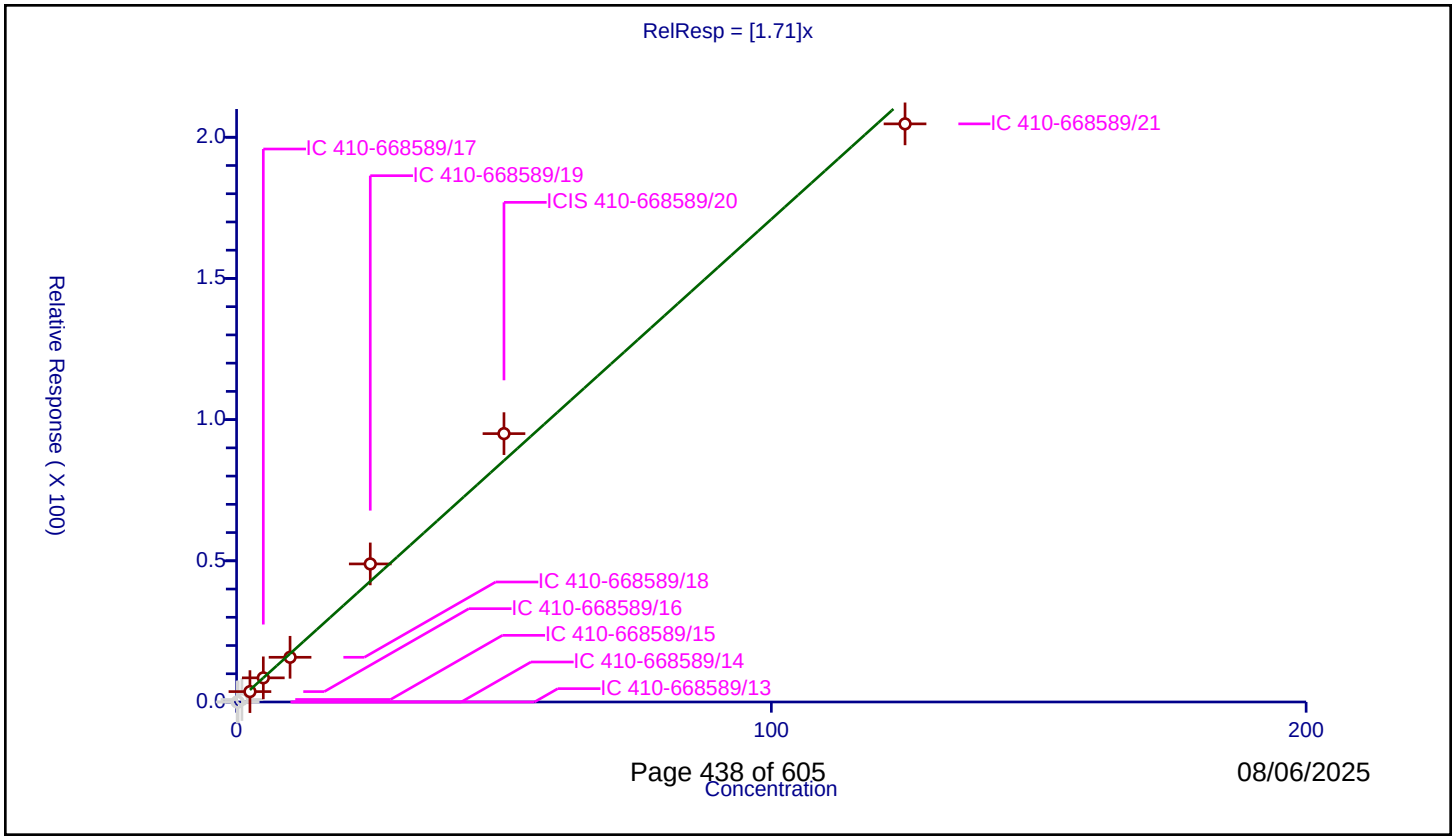
Curve Coefficients

Intercept:	0
Slope:	1.71

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.1	0.0	50.0	73626.0	0.0	N
2	IC 410-668589/14	0.3	0.0	50.0	80230.0	0.0	N
3	IC 410-668589/15	1.0	0.895906	50.0	83156.0	0.895906	N
4	IC 410-668589/16	2.5	3.677986	50.0	72295.0	1.471194	Y
5	IC 410-668589/17	5.0	8.549942	50.0	64825.0	1.709988	Y
6	IC 410-668589/18	10.0	15.828539	50.0	87437.0	1.582854	Y
7	IC 410-668589/19	25.0	48.89948	50.0	71966.0	1.955979	Y
8	ICIS 410-668589/20	50.0	95.035344	50.0	75826.0	1.900707	Y
9	IC 410-668589/21	125.0	204.735388	50.0	82517.0	1.637883	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

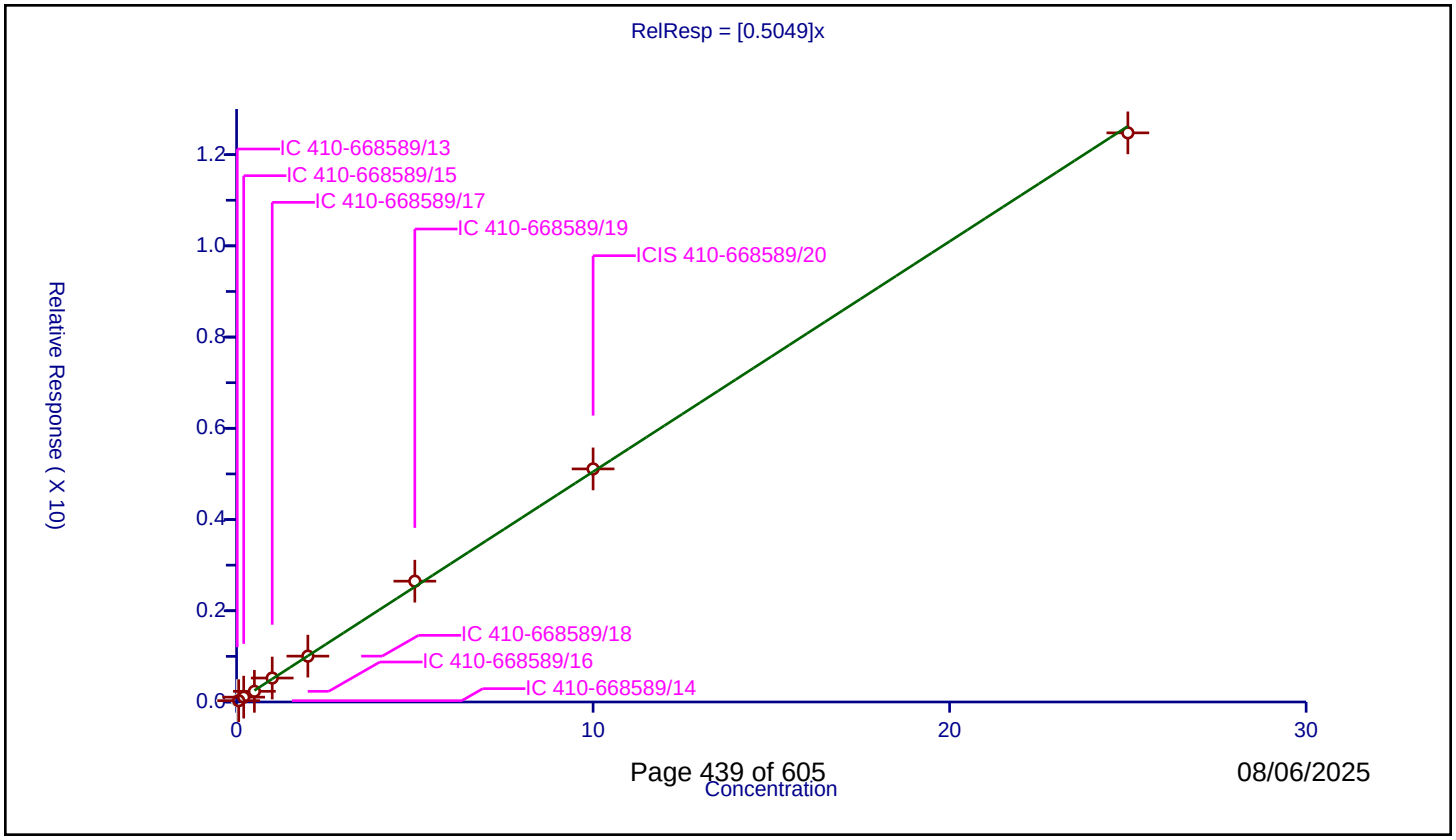
Curve Coefficients

Intercept:	0
Slope:	0.5049

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.030894	10.0	1832045.0	1.544722	N
2	IC 410-668589/14	0.06	0.028423	10.0	1831280.0	0.473712	Y
3	IC 410-668589/15	0.2	0.105961	10.0	1849831.0	0.529805	Y
4	IC 410-668589/16	0.5	0.234003	10.0	1860146.0	0.468006	Y
5	IC 410-668589/17	1.0	0.525182	10.0	1893953.0	0.525182	Y
6	IC 410-668589/18	2.0	1.005124	10.0	1918847.0	0.502562	Y
7	IC 410-668589/19	5.0	2.648507	10.0	1935362.0	0.529701	Y
8	ICIS 410-668589/20	10.0	5.109959	10.0	1961552.0	0.510996	Y
9	IC 410-668589/21	25.0	12.477058	10.0	1984911.0	0.499082	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

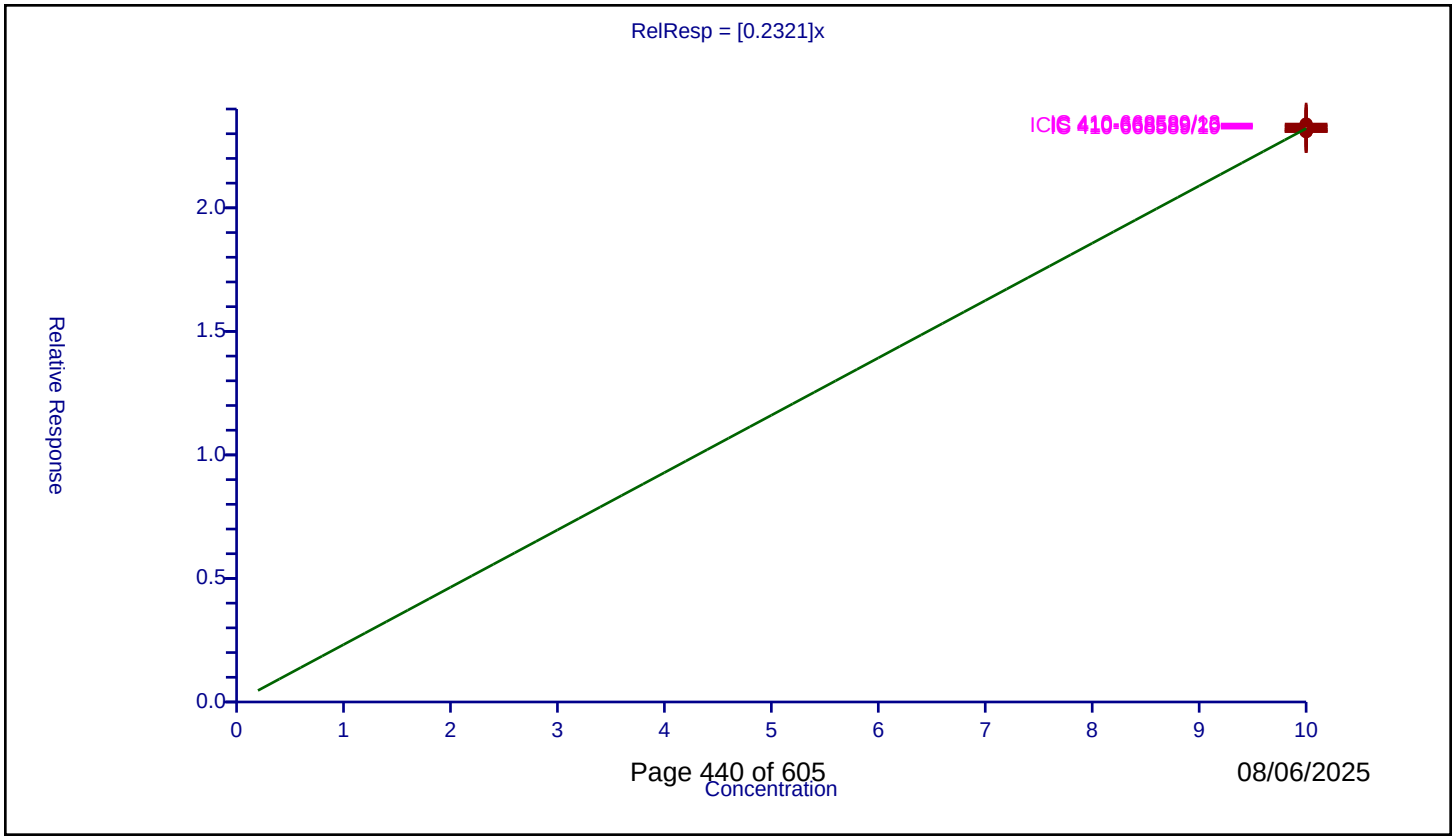
Curve Coefficients

Intercept:	0
Slope:	0.2321

Error Coefficients

Relative Standard Deviation:	0.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	10.0	2.33914	10.0	1832045.0	0.233914	Y
2	IC 410-668589/14	10.0	2.316642	10.0	1831280.0	0.231664	Y
3	IC 410-668589/15	10.0	2.331694	10.0	1849831.0	0.233169	Y
4	IC 410-668589/16	10.0	2.309405	10.0	1860146.0	0.23094	Y
5	IC 410-668589/17	10.0	2.308996	10.0	1893953.0	0.2309	Y
6	IC 410-668589/18	10.0	2.318955	10.0	1918847.0	0.231896	Y
7	IC 410-668589/19	10.0	2.322656	10.0	1935362.0	0.232266	Y
8	ICIS 410-668589/20	10.0	2.331562	10.0	1961552.0	0.233156	Y
9	IC 410-668589/21	10.0	2.310366	10.0	1984911.0	0.231037	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

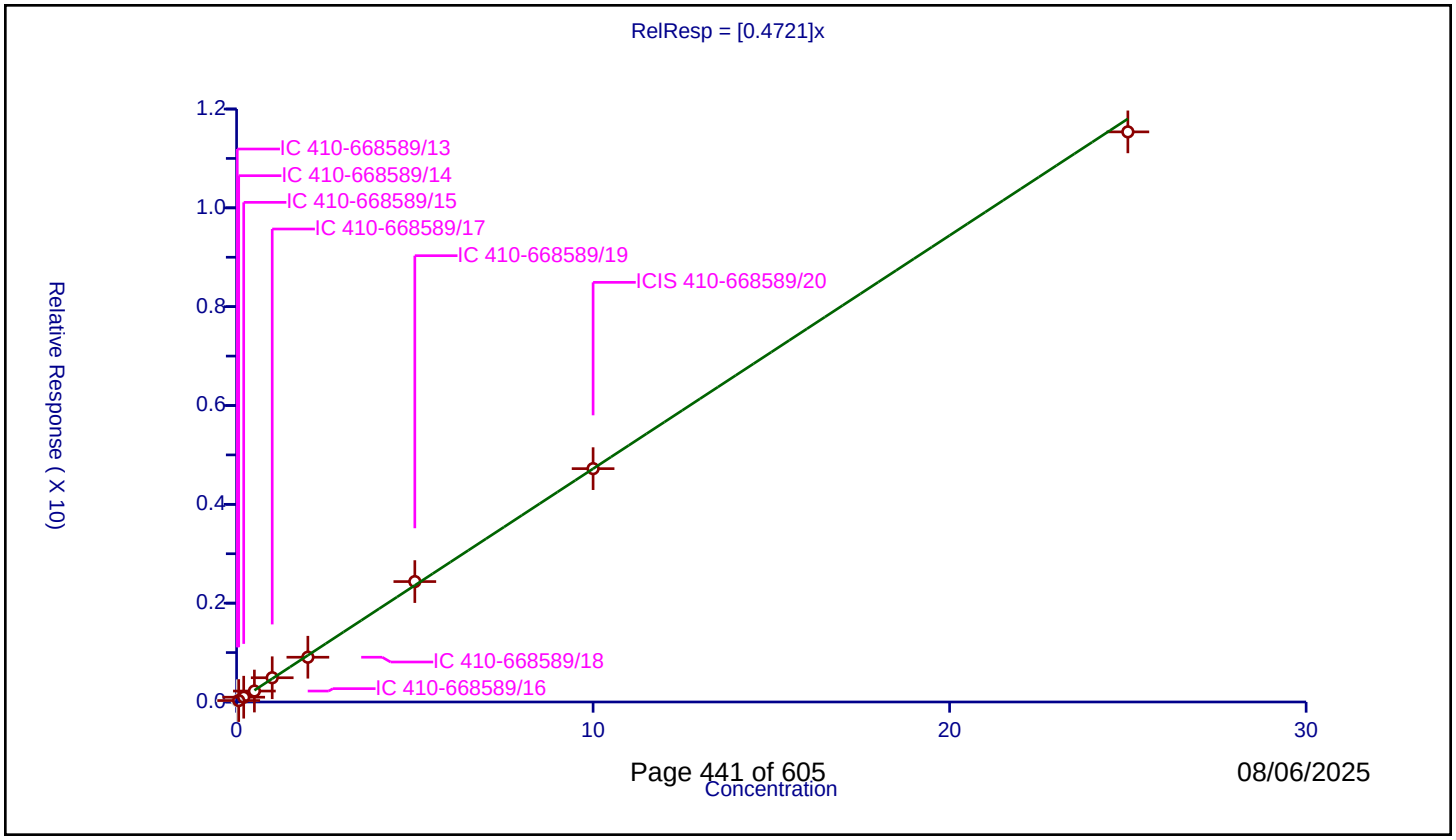
Curve Coefficients

Intercept:	0
Slope:	0.4721

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.025458	10.0	1832045.0	1.272894	N
2	IC 410-668589/14	0.06	0.029056	10.0	1831280.0	0.48427	Y
3	IC 410-668589/15	0.2	0.096922	10.0	1849831.0	0.484612	Y
4	IC 410-668589/16	0.5	0.221499	10.0	1860146.0	0.442997	Y
5	IC 410-668589/17	1.0	0.490677	10.0	1893953.0	0.490677	Y
6	IC 410-668589/18	2.0	0.906008	10.0	1918847.0	0.453004	Y
7	IC 410-668589/19	5.0	2.436991	10.0	1935362.0	0.487398	Y
8	ICIS 410-668589/20	10.0	4.722098	10.0	1961552.0	0.47221	Y
9	IC 410-668589/21	25.0	11.537515	10.0	1984911.0	0.461501	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

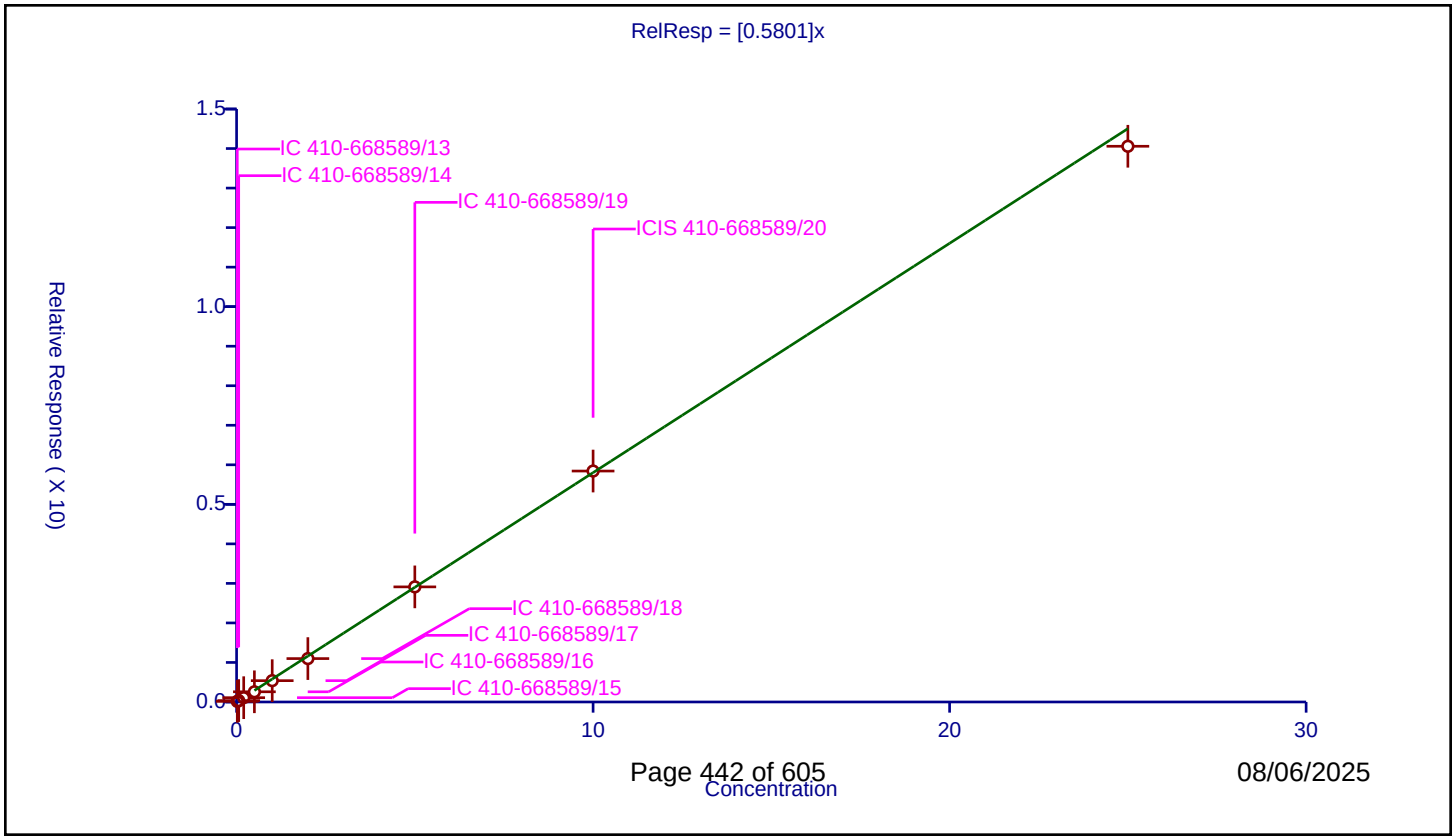
Curve Coefficients

Intercept:	0
Slope:	0.5801

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.015131	10.0	1832045.0	0.756532	Y
2	IC 410-668589/14	0.06	0.035254	10.0	1831280.0	0.587567	Y
3	IC 410-668589/15	0.2	0.108902	10.0	1849831.0	0.544509	Y
4	IC 410-668589/16	0.5	0.257754	10.0	1860146.0	0.515508	Y
5	IC 410-668589/17	1.0	0.539417	10.0	1893953.0	0.539417	Y
6	IC 410-668589/18	2.0	1.09768	10.0	1918847.0	0.54884	Y
7	IC 410-668589/19	5.0	2.911466	10.0	1935362.0	0.582293	Y
8	ICIS 410-668589/20	10.0	5.8422	10.0	1961552.0	0.58422	Y
9	IC 410-668589/21	25.0	14.057598	10.0	1984911.0	0.562304	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

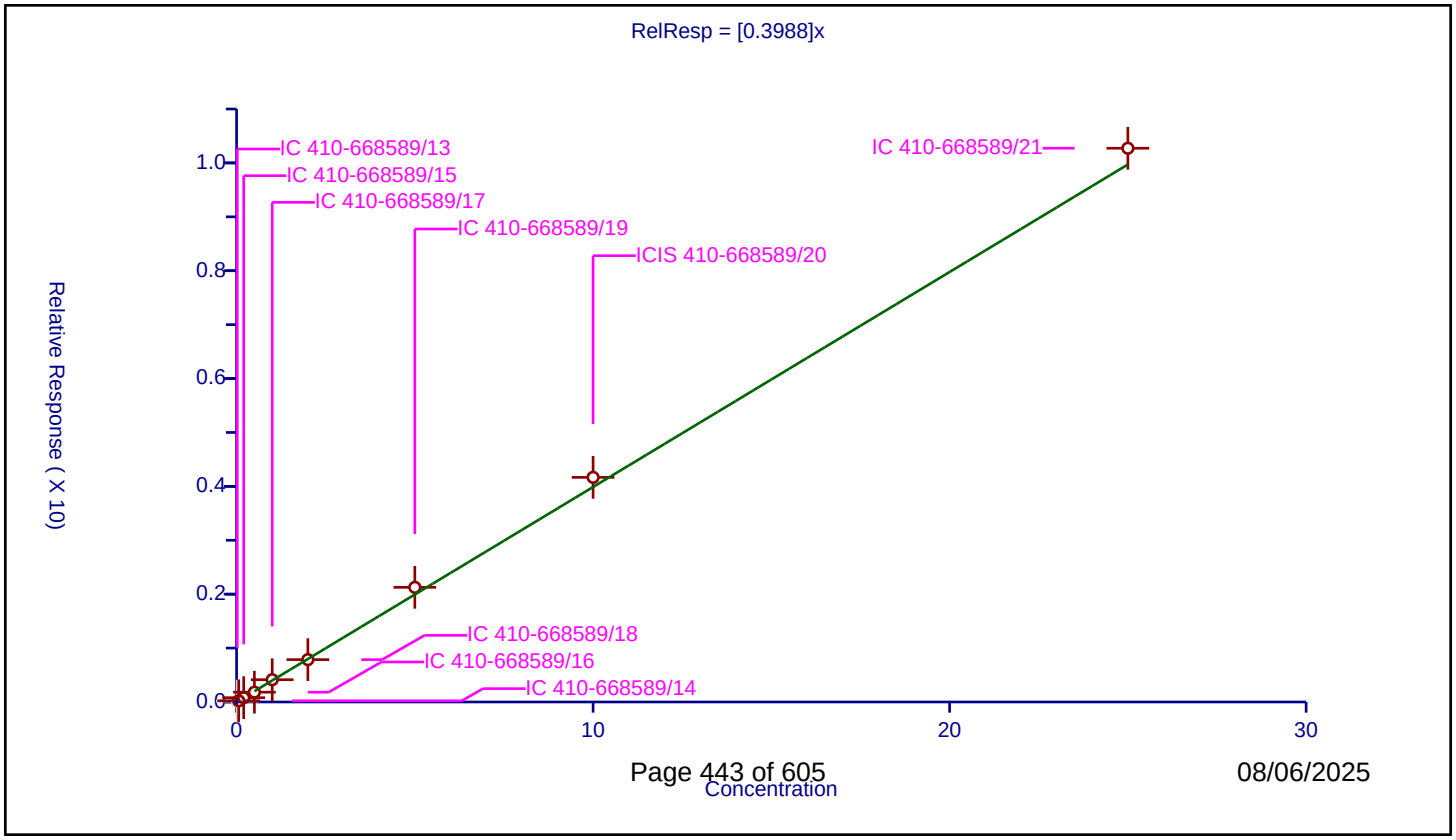
Curve Coefficients

Intercept:	0
Slope:	0.3988

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.016479	10.0	1832045.0	0.823943	N
2	IC 410-668589/14	0.06	0.022067	10.0	1831280.0	0.367776	Y
3	IC 410-668589/15	0.2	0.079932	10.0	1849831.0	0.399658	Y
4	IC 410-668589/16	0.5	0.181846	10.0	1860146.0	0.363692	Y
5	IC 410-668589/17	1.0	0.413495	10.0	1893953.0	0.413495	Y
6	IC 410-668589/18	2.0	0.785972	10.0	1918847.0	0.392986	Y
7	IC 410-668589/19	5.0	2.126755	10.0	1935362.0	0.425351	Y
8	ICIS 410-668589/20	10.0	4.167063	10.0	1961552.0	0.416706	Y
9	IC 410-668589/21	25.0	10.272279	10.0	1984911.0	0.410891	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

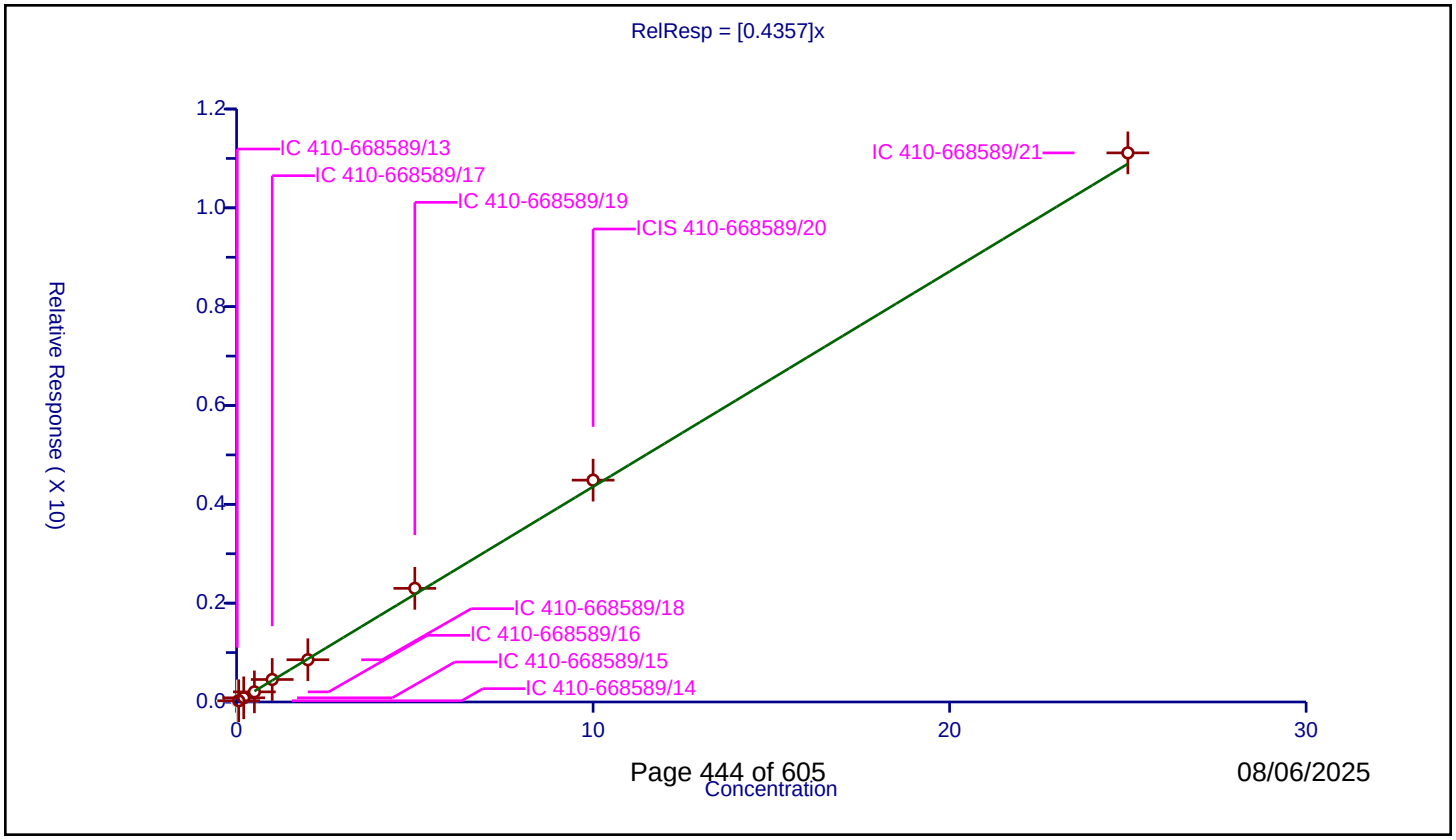
Curve Coefficients

Intercept:	0
Slope:	0.4357

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.020382	10.0	1832045.0	1.01908	N
2	IC 410-668589/14	0.06	0.02501	10.0	1831280.0	0.41683	Y
3	IC 410-668589/15	0.2	0.0847	10.0	1849831.0	0.423498	Y
4	IC 410-668589/16	0.5	0.204608	10.0	1860146.0	0.409215	Y
5	IC 410-668589/17	1.0	0.454958	10.0	1893953.0	0.454958	Y
6	IC 410-668589/18	2.0	0.854862	10.0	1918847.0	0.427431	Y
7	IC 410-668589/19	5.0	2.299931	10.0	1935362.0	0.459986	Y
8	ICIS 410-668589/20	10.0	4.489573	10.0	1961552.0	0.448957	Y
9	IC 410-668589/21	25.0	11.112423	10.0	1984911.0	0.444497	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

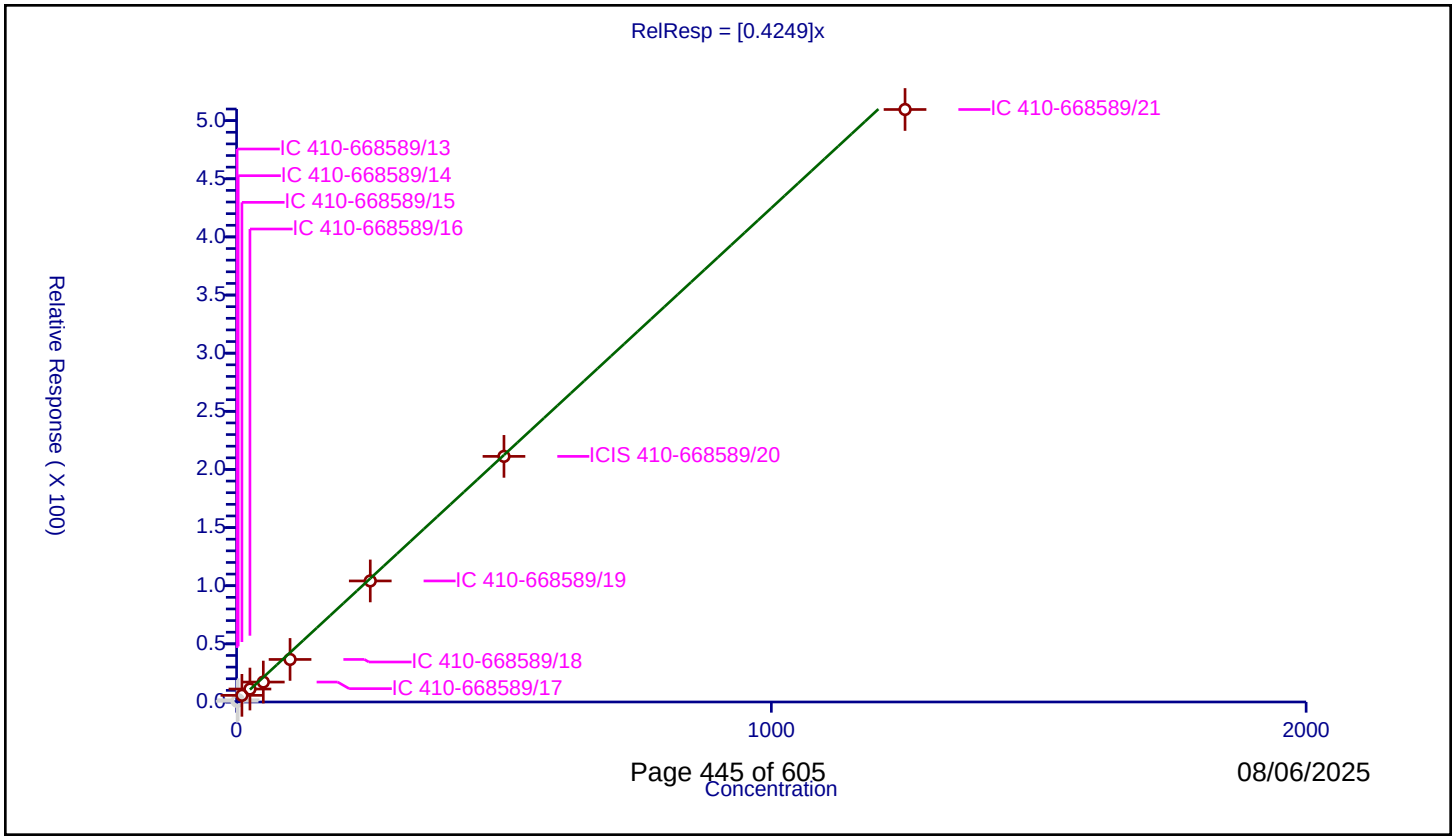
Curve Coefficients

Intercept:	0
Slope:	0.4249

Error Coefficients

Relative Standard Deviation:	17.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	1.0	0.61663	50.0	73626.0	0.61663	N
2	IC 410-668589/14	3.0	1.931946	50.0	80230.0	0.643982	N
3	IC 410-668589/15	10.0	5.731998	50.0	83156.0	0.5732	Y
4	IC 410-668589/16	25.0	11.135625	50.0	72295.0	0.445425	Y
5	IC 410-668589/17	50.0	17.136907	50.0	64825.0	0.342738	Y
6	IC 410-668589/18	100.0	36.60121	50.0	87437.0	0.366012	Y
7	IC 410-668589/19	250.0	104.124865	50.0	71966.0	0.416499	Y
8	ICIS 410-668589/20	500.0	211.242186	50.0	75826.0	0.422484	Y
9	IC 410-668589/21	1250.0	509.585904	50.0	82517.0	0.407669	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

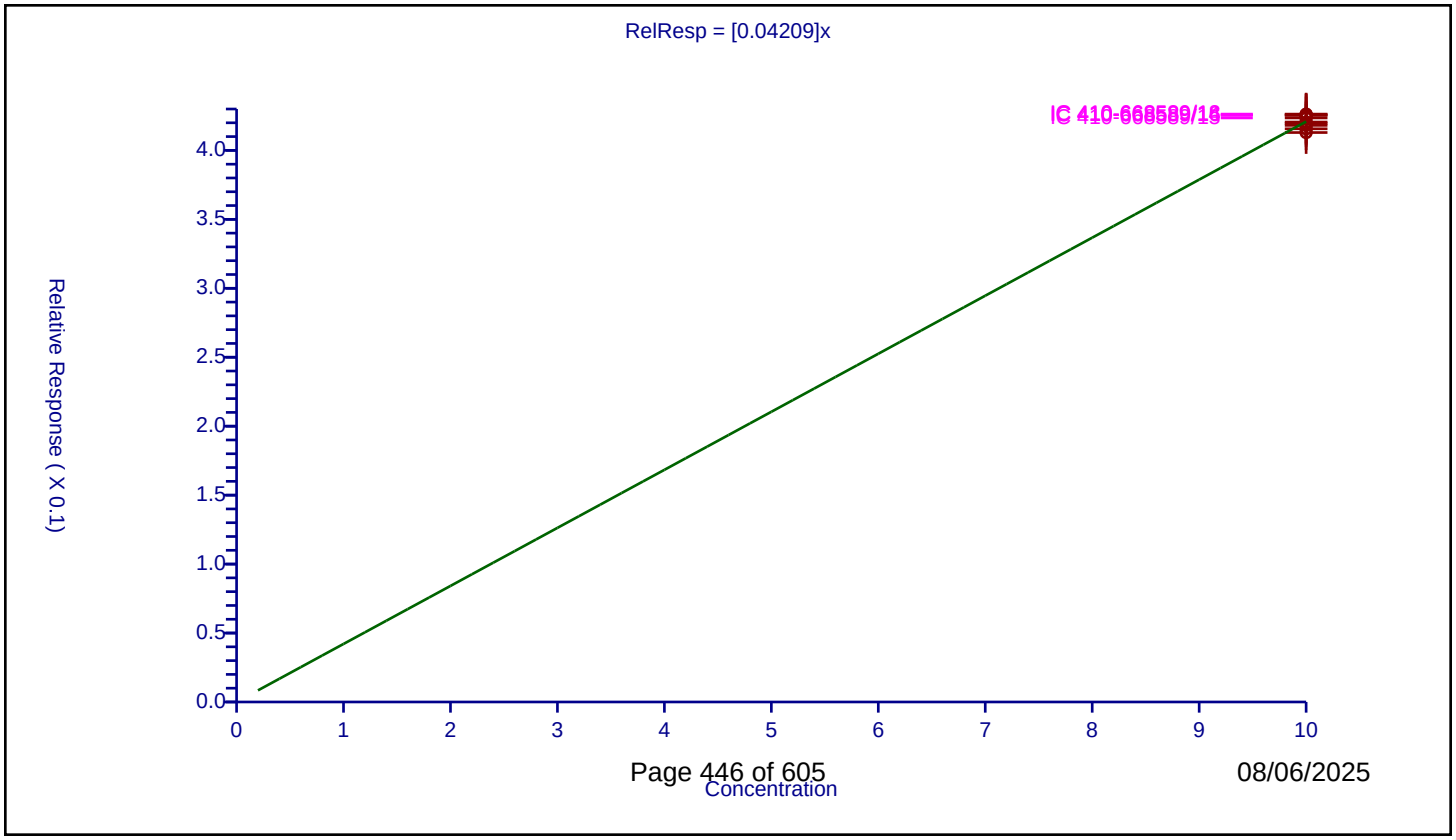
Curve Coefficients

Intercept:	0
Slope:	0.04209

Error Coefficients

Relative Standard Deviation:	1.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	10.0	0.41952	10.0	1832045.0	0.041952	Y
2	IC 410-668589/14	10.0	0.425364	10.0	1831280.0	0.042536	Y
3	IC 410-668589/15	10.0	0.423514	10.0	1849831.0	0.042351	Y
4	IC 410-668589/16	10.0	0.42587	10.0	1860146.0	0.042587	Y
5	IC 410-668589/17	10.0	0.41566	10.0	1893953.0	0.041566	Y
6	IC 410-668589/18	10.0	0.426298	10.0	1918847.0	0.04263	Y
7	IC 410-668589/19	10.0	0.412951	10.0	1935362.0	0.041295	Y
8	ICIS 410-668589/20	10.0	0.418133	10.0	1961552.0	0.041813	Y
9	IC 410-668589/21	10.0	0.420558	10.0	1984911.0	0.042056	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

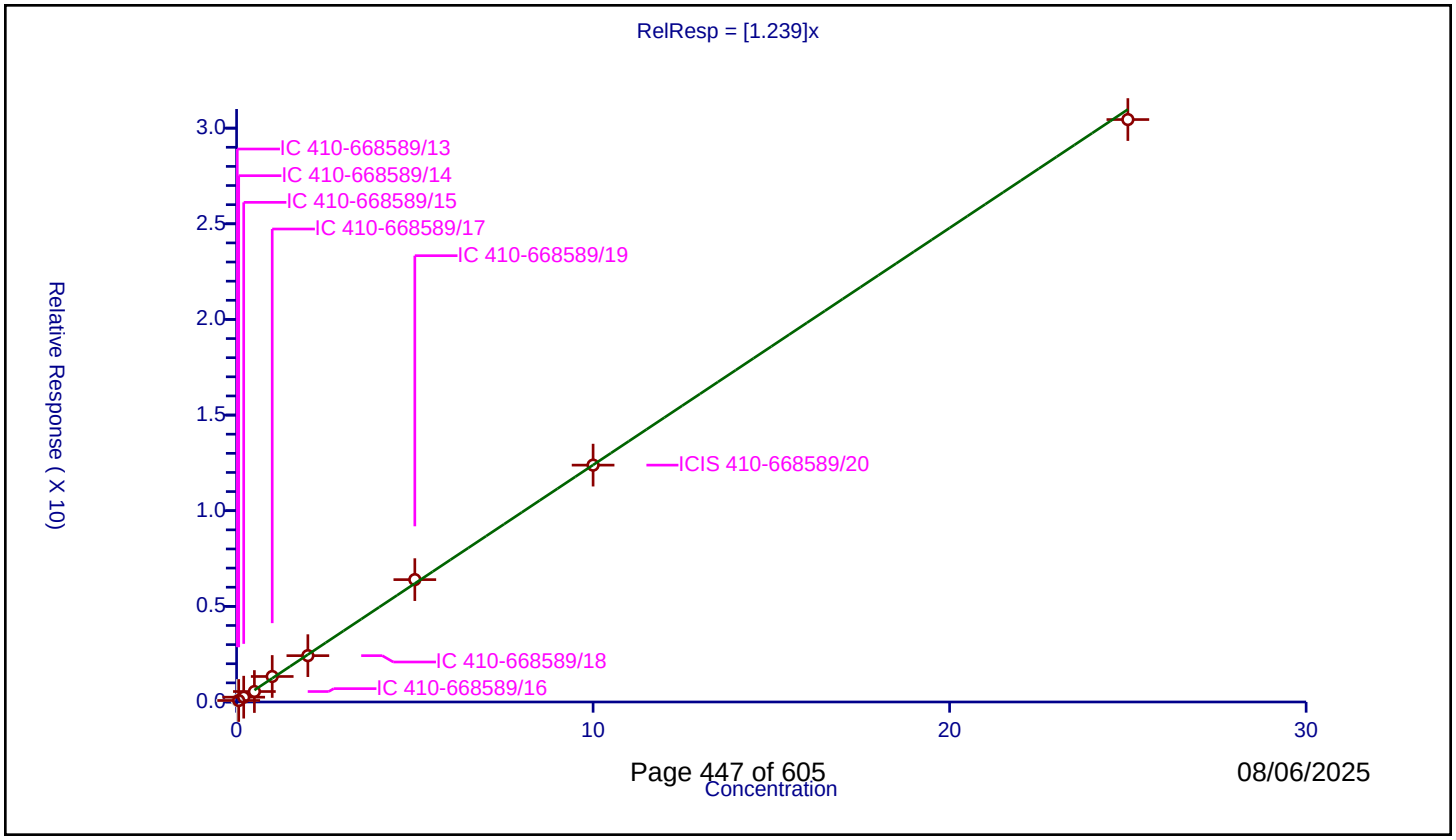
Curve Coefficients

Intercept:	0
Slope:	1.239

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.077591	10.0	1832045.0	3.879544	N
2	IC 410-668589/14	0.06	0.076706	10.0	1831280.0	1.278432	Y
3	IC 410-668589/15	0.2	0.251969	10.0	1849831.0	1.259845	Y
4	IC 410-668589/16	0.5	0.547054	10.0	1860146.0	1.094108	Y
5	IC 410-668589/17	1.0	1.33385	10.0	1893953.0	1.33385	Y
6	IC 410-668589/18	2.0	2.422147	10.0	1918847.0	1.211074	Y
7	IC 410-668589/19	5.0	6.397496	10.0	1935362.0	1.279499	Y
8	ICIS 410-668589/20	10.0	12.383704	10.0	1961552.0	1.23837	Y
9	IC 410-668589/21	25.0	30.449088	10.0	1984911.0	1.217964	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

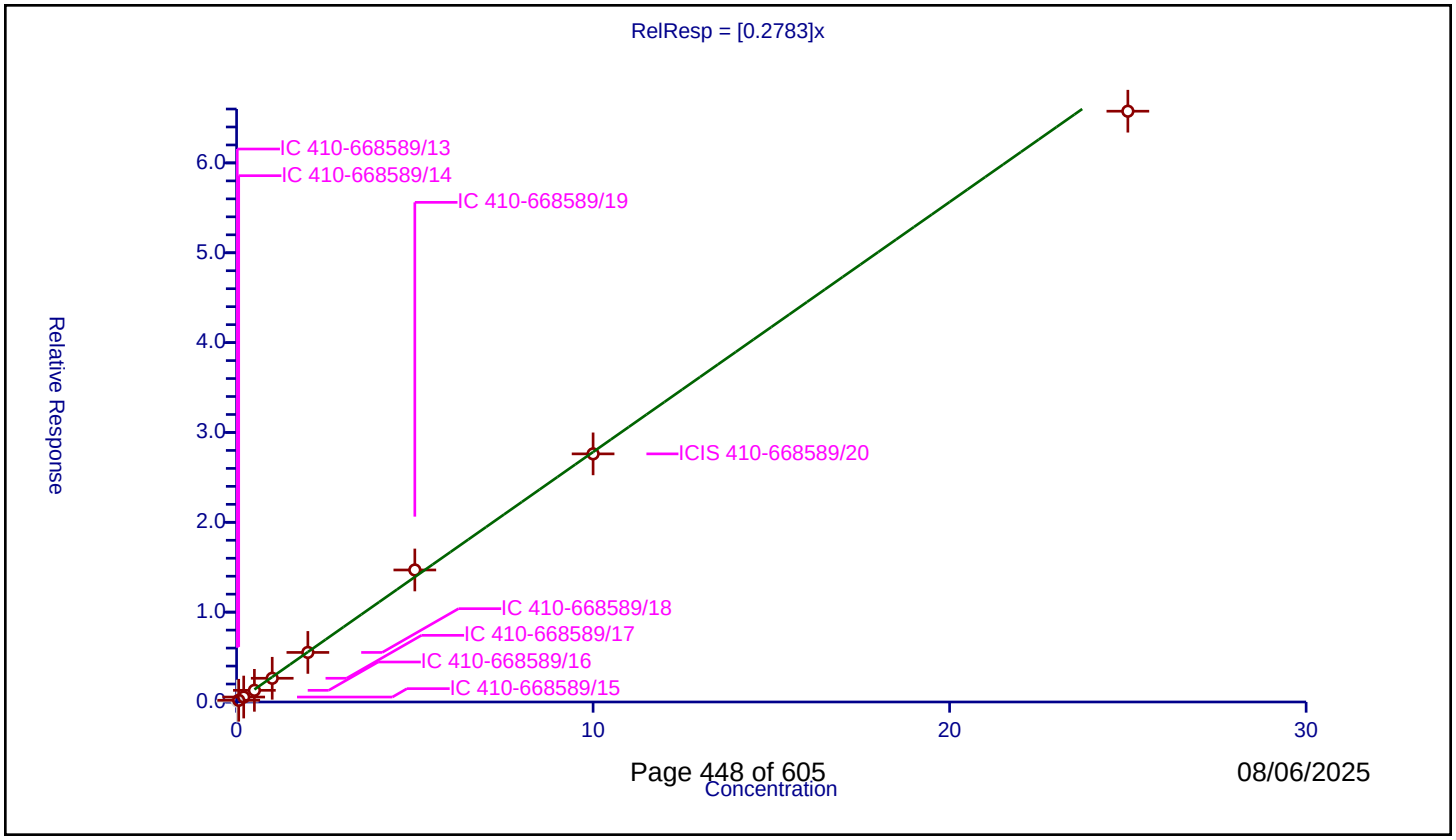
Curve Coefficients

Intercept:	0
Slope:	0.2783

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.009978	10.0	1832045.0	0.498896	N
2	IC 410-668589/14	0.06	0.019074	10.0	1831280.0	0.317902	Y
3	IC 410-668589/15	0.2	0.055162	10.0	1849831.0	0.275809	Y
4	IC 410-668589/16	0.5	0.129743	10.0	1860146.0	0.259485	Y
5	IC 410-668589/17	1.0	0.264014	10.0	1893953.0	0.264014	Y
6	IC 410-668589/18	2.0	0.551498	10.0	1918847.0	0.275749	Y
7	IC 410-668589/19	5.0	1.469394	10.0	1935362.0	0.293879	Y
8	ICIS 410-668589/20	10.0	2.761716	10.0	1961552.0	0.276172	Y
9	IC 410-668589/21	25.0	6.575514	10.0	1984911.0	0.263021	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

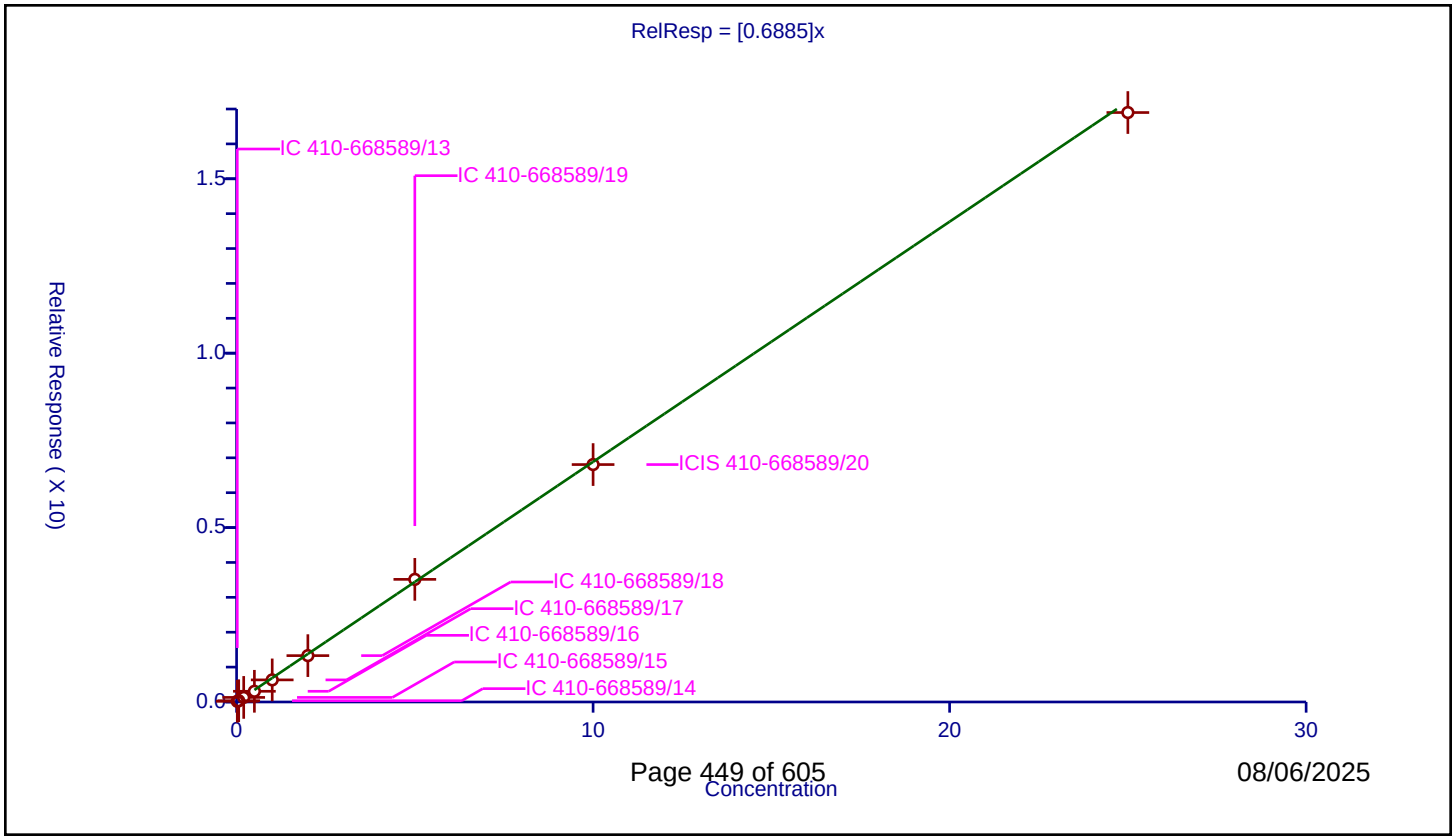
Curve Coefficients

Intercept:	0
Slope:	0.6885

Error Coefficients

Relative Standard Deviation:	15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.019301	10.0	1832045.0	0.965042	Y
2	IC 410-668589/14	0.06	0.036357	10.0	1831280.0	0.605951	Y
3	IC 410-668589/15	0.2	0.130774	10.0	1849831.0	0.653871	Y
4	IC 410-668589/16	0.5	0.306895	10.0	1860146.0	0.613791	Y
5	IC 410-668589/17	1.0	0.633469	10.0	1893953.0	0.633469	Y
6	IC 410-668589/18	2.0	1.328881	10.0	1918847.0	0.664441	Y
7	IC 410-668589/19	5.0	3.515838	10.0	1935362.0	0.703168	Y
8	ICIS 410-668589/20	10.0	6.807146	10.0	1961552.0	0.680715	Y
9	IC 410-668589/21	25.0	16.899418	10.0	1984911.0	0.675977	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

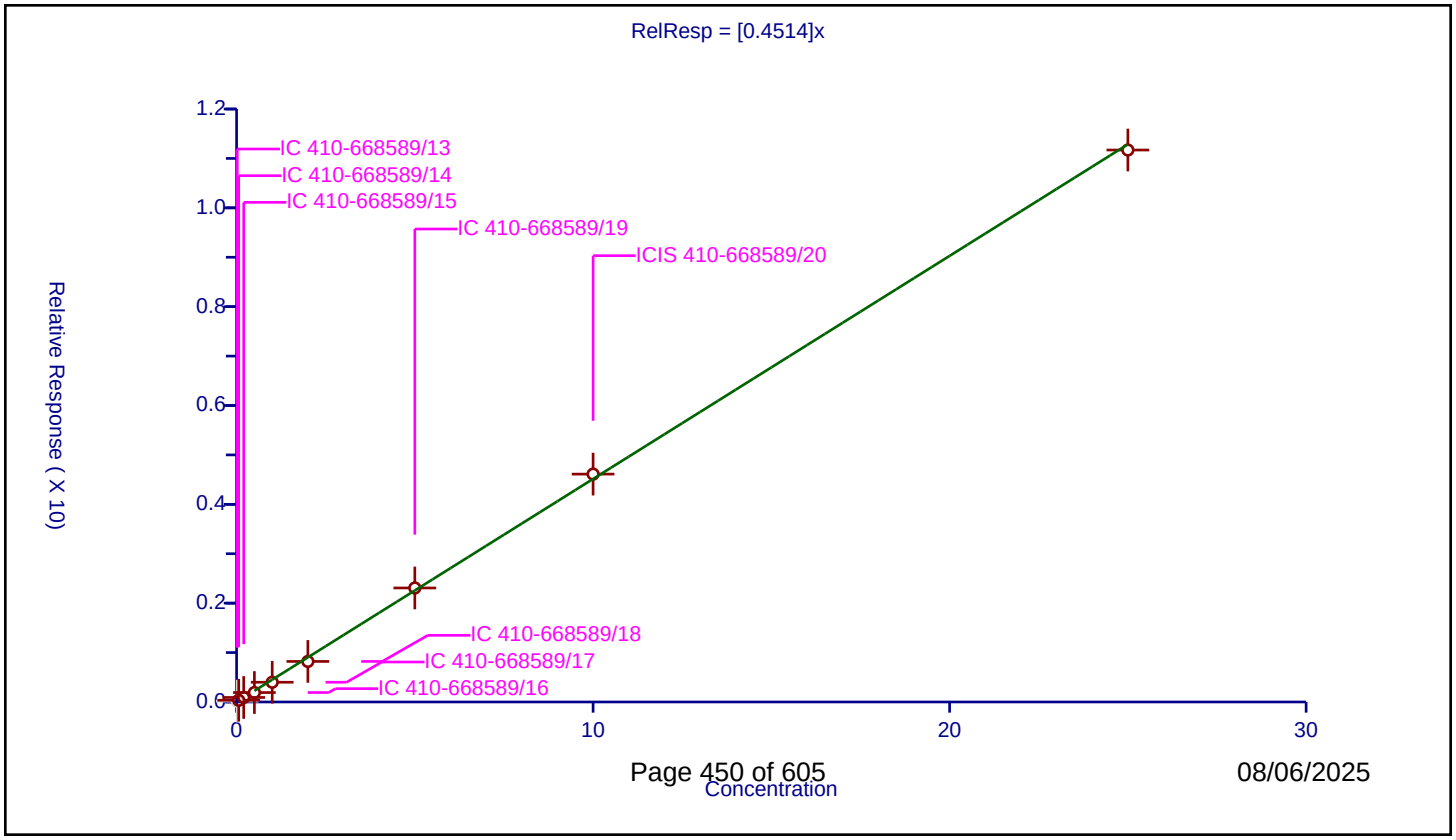
Curve Coefficients

Intercept:	0
Slope:	0.4514

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.017298	10.0	1832045.0	0.864881	N
2	IC 410-668589/14	0.06	0.035434	10.0	1831280.0	0.590571	Y
3	IC 410-668589/15	0.2	0.091679	10.0	1849831.0	0.458393	Y
4	IC 410-668589/16	0.5	0.191383	10.0	1860146.0	0.382766	Y
5	IC 410-668589/17	1.0	0.399751	10.0	1893953.0	0.399751	Y
6	IC 410-668589/18	2.0	0.820508	10.0	1918847.0	0.410254	Y
7	IC 410-668589/19	5.0	2.307067	10.0	1935362.0	0.461413	Y
8	ICIS 410-668589/20	10.0	4.611603	10.0	1961552.0	0.46116	Y
9	IC 410-668589/21	25.0	11.169916	10.0	1984911.0	0.446797	Y



Calibration / n-Butanol

Curve Type:	Linear
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

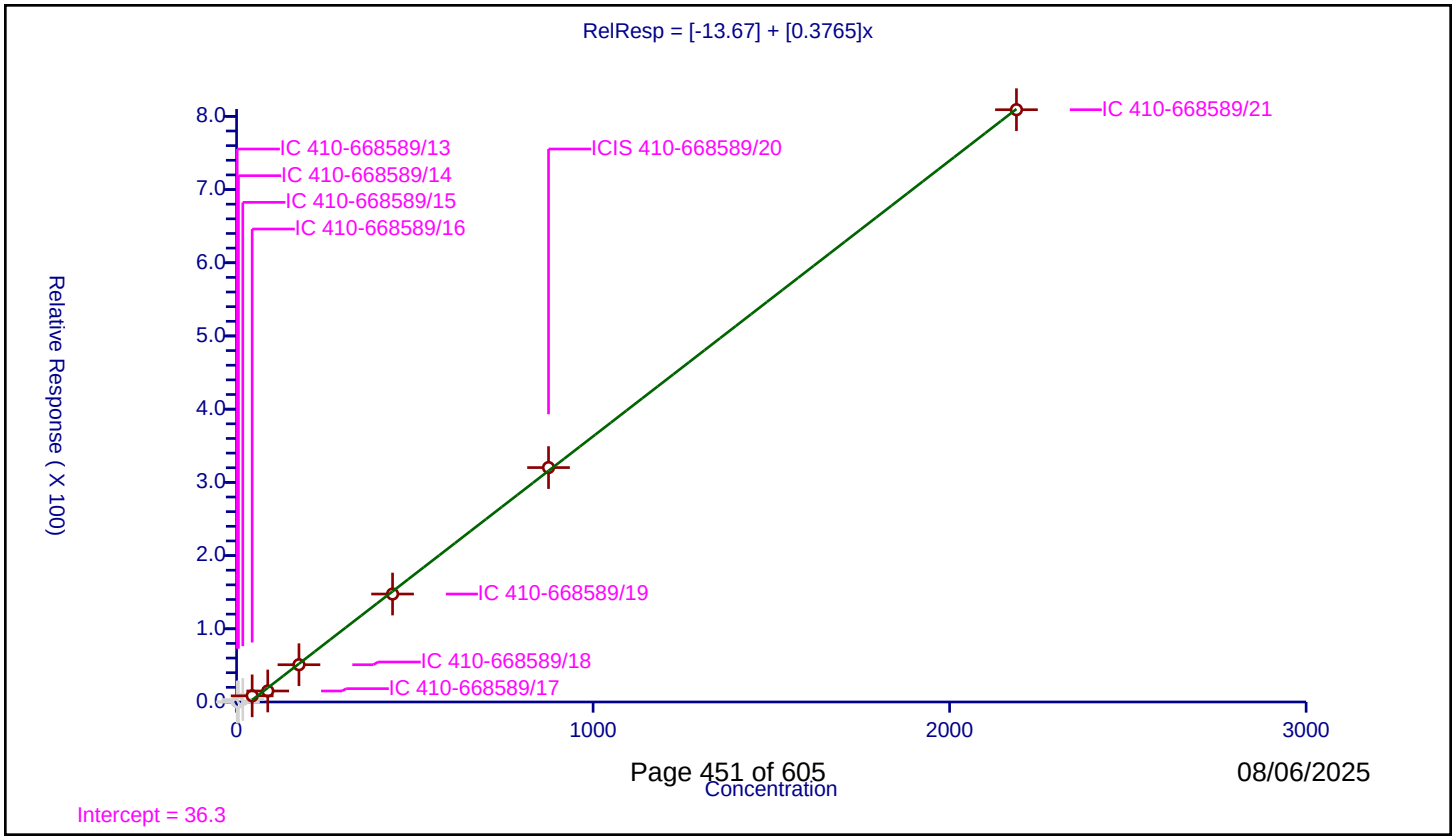
Curve Coefficients

Intercept:	-13.67
Slope:	0.3765

Error Coefficients

Relative Standard Deviation:	18.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	1.75	0.0	50.0	73626.0	0.0	N
2	IC 410-668589/14	5.25	0.0	50.0	80230.0	0.0	N
3	IC 410-668589/15	17.5	3.41166	50.0	83156.0	0.194952	N
4	IC 410-668589/16	43.75	8.414137	50.0	72295.0	0.192323	Y
5	IC 410-668589/17	87.5	15.022754	50.0	64825.0	0.171689	Y
6	IC 410-668589/18	175.0	50.900077	50.0	87437.0	0.290858	Y
7	IC 410-668589/19	437.5	147.490482	50.0	71966.0	0.337121	Y
8	ICIS 410-668589/20	875.0	320.224593	50.0	75826.0	0.365971	Y
9	IC 410-668589/21	2187.5	809.062375	50.0	82517.0	0.369857	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

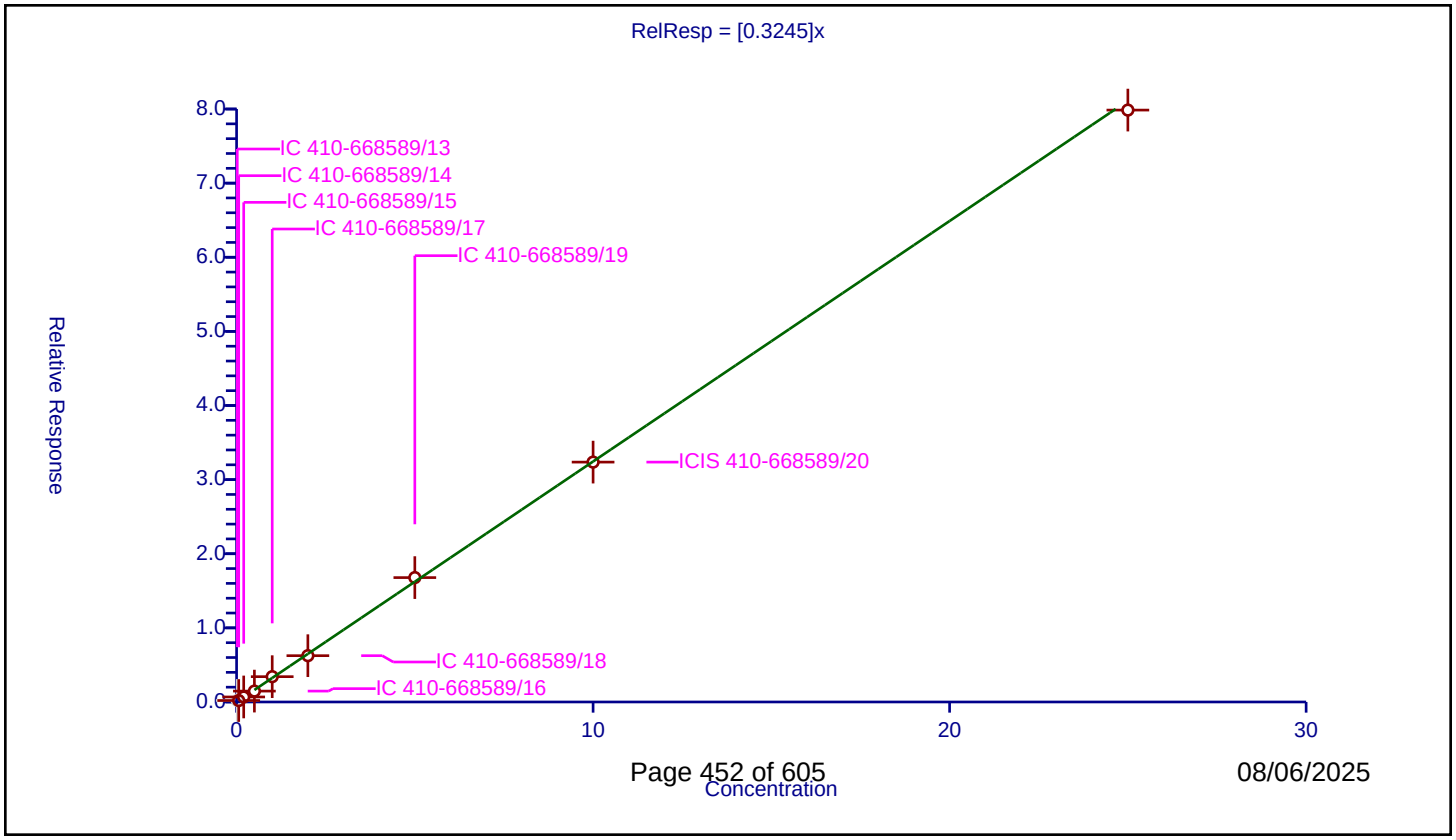
Curve Coefficients

Intercept:	0
Slope:	0.3245

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.020518	10.0	1832045.0	1.025903	N
2	IC 410-668589/14	0.06	0.019784	10.0	1831280.0	0.329733	Y
3	IC 410-668589/15	0.2	0.067882	10.0	1849831.0	0.339409	Y
4	IC 410-668589/16	0.5	0.146849	10.0	1860146.0	0.293697	Y
5	IC 410-668589/17	1.0	0.341629	10.0	1893953.0	0.341629	Y
6	IC 410-668589/18	2.0	0.624901	10.0	1918847.0	0.312451	Y
7	IC 410-668589/19	5.0	1.67827	10.0	1935362.0	0.335654	Y
8	ICIS 410-668589/20	10.0	3.236259	10.0	1961552.0	0.323626	Y
9	IC 410-668589/21	25.0	7.985517	10.0	1984911.0	0.319421	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

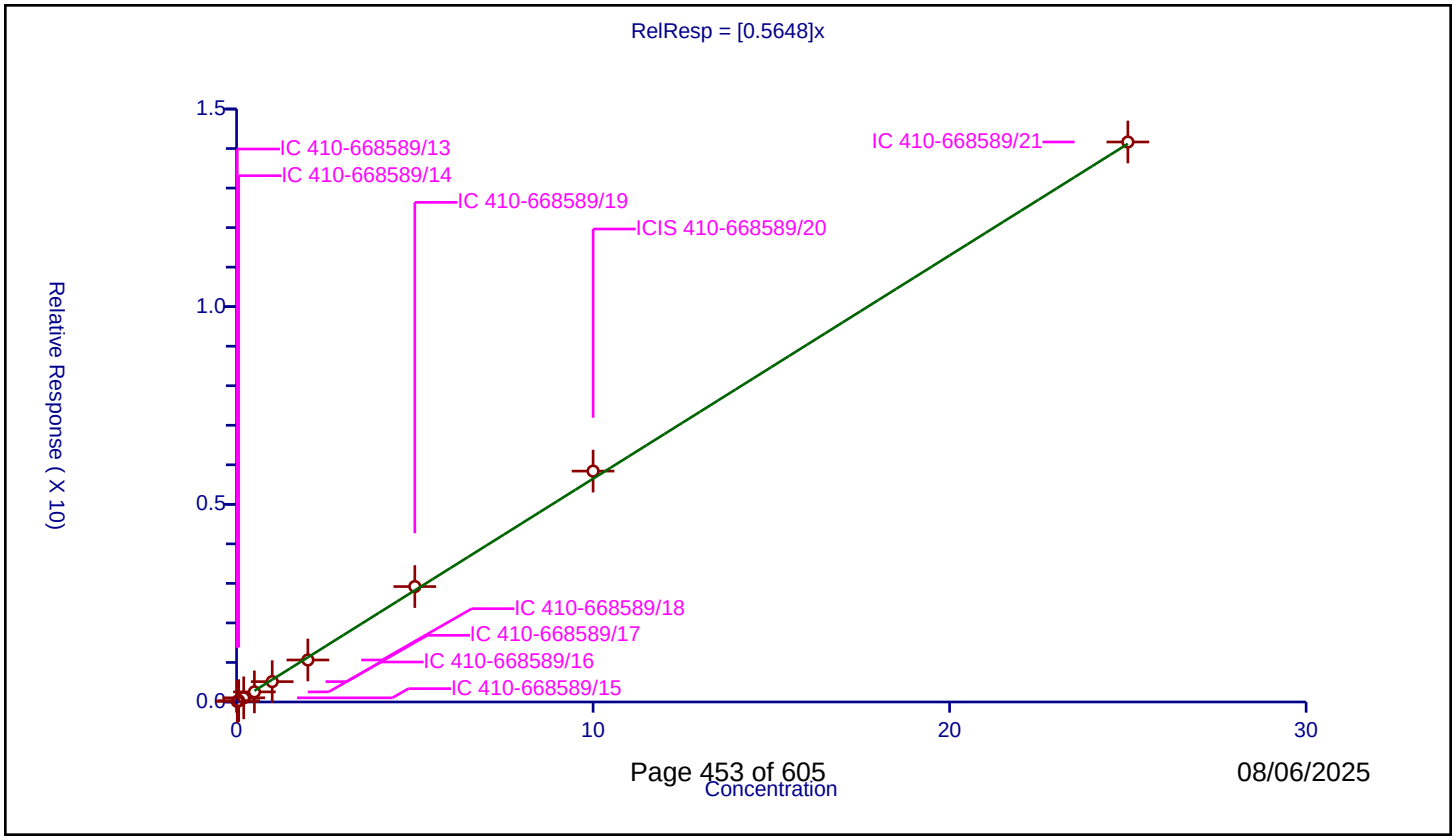
Curve Coefficients

Intercept:	0
Slope:	0.5648

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.013979	10.0	1832045.0	0.698946	Y
2	IC 410-668589/14	0.06	0.033927	10.0	1831280.0	0.565451	Y
3	IC 410-668589/15	0.2	0.105274	10.0	1849831.0	0.526372	Y
4	IC 410-668589/16	0.5	0.255781	10.0	1860146.0	0.511562	Y
5	IC 410-668589/17	1.0	0.515092	10.0	1893953.0	0.515092	Y
6	IC 410-668589/18	2.0	1.062477	10.0	1918847.0	0.531238	Y
7	IC 410-668589/19	5.0	2.919981	10.0	1935362.0	0.583996	Y
8	ICIS 410-668589/20	10.0	5.84061	10.0	1961552.0	0.584061	Y
9	IC 410-668589/21	25.0	14.165895	10.0	1984911.0	0.566636	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

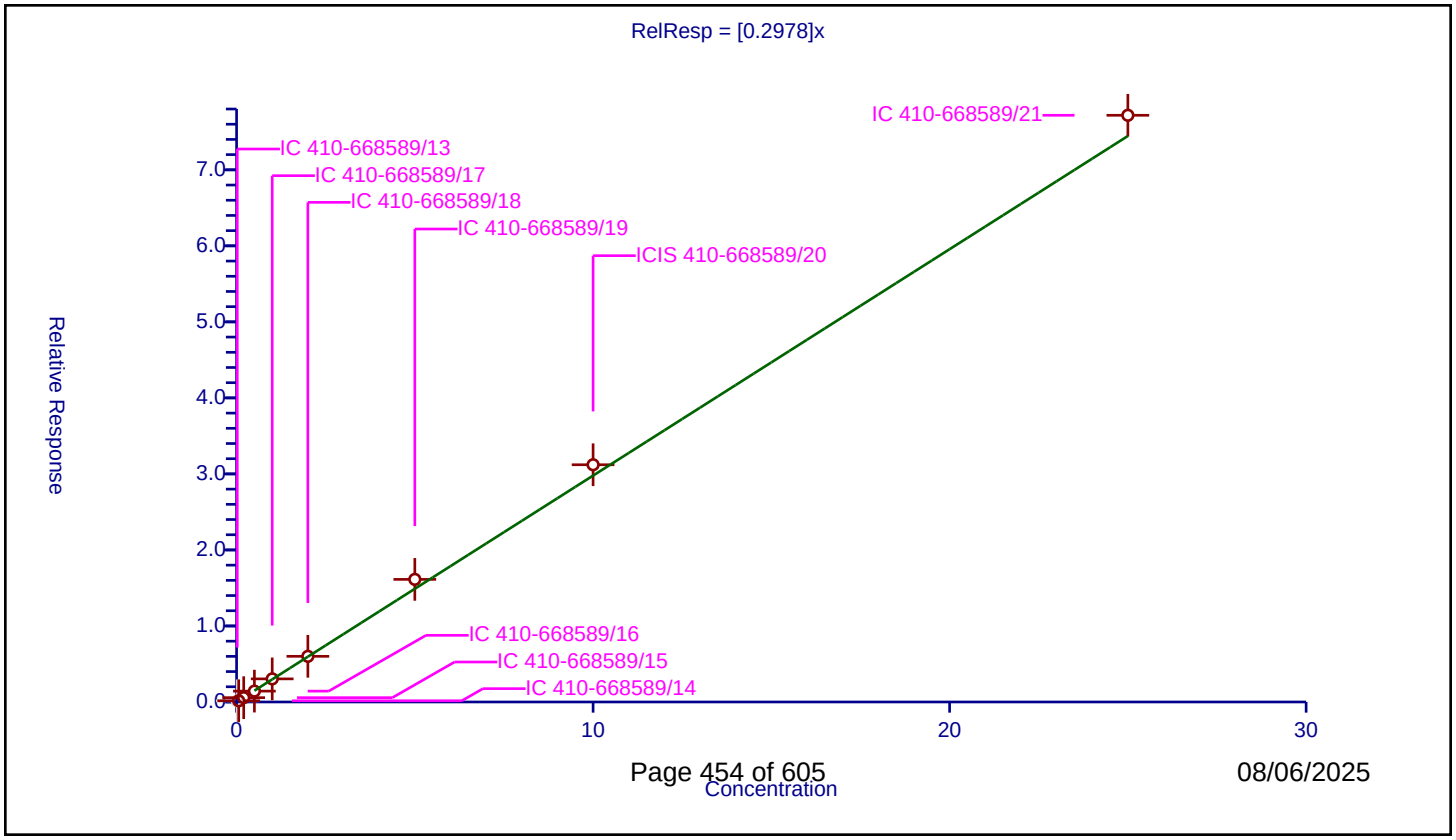
Curve Coefficients

Intercept:	0
Slope:	0.2978

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.014847	10.0	1832045.0	0.74234	N
2	IC 410-668589/14	0.06	0.015814	10.0	1831280.0	0.263568	Y
3	IC 410-668589/15	0.2	0.057086	10.0	1849831.0	0.285431	Y
4	IC 410-668589/16	0.5	0.142924	10.0	1860146.0	0.285849	Y
5	IC 410-668589/17	1.0	0.303904	10.0	1893953.0	0.303904	Y
6	IC 410-668589/18	2.0	0.600621	10.0	1918847.0	0.300311	Y
7	IC 410-668589/19	5.0	1.61284	10.0	1935362.0	0.322568	Y
8	ICIS 410-668589/20	10.0	3.120549	10.0	1961552.0	0.312055	Y
9	IC 410-668589/21	25.0	7.71754	10.0	1984911.0	0.308702	Y



Calibration / 1,4-Dioxane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

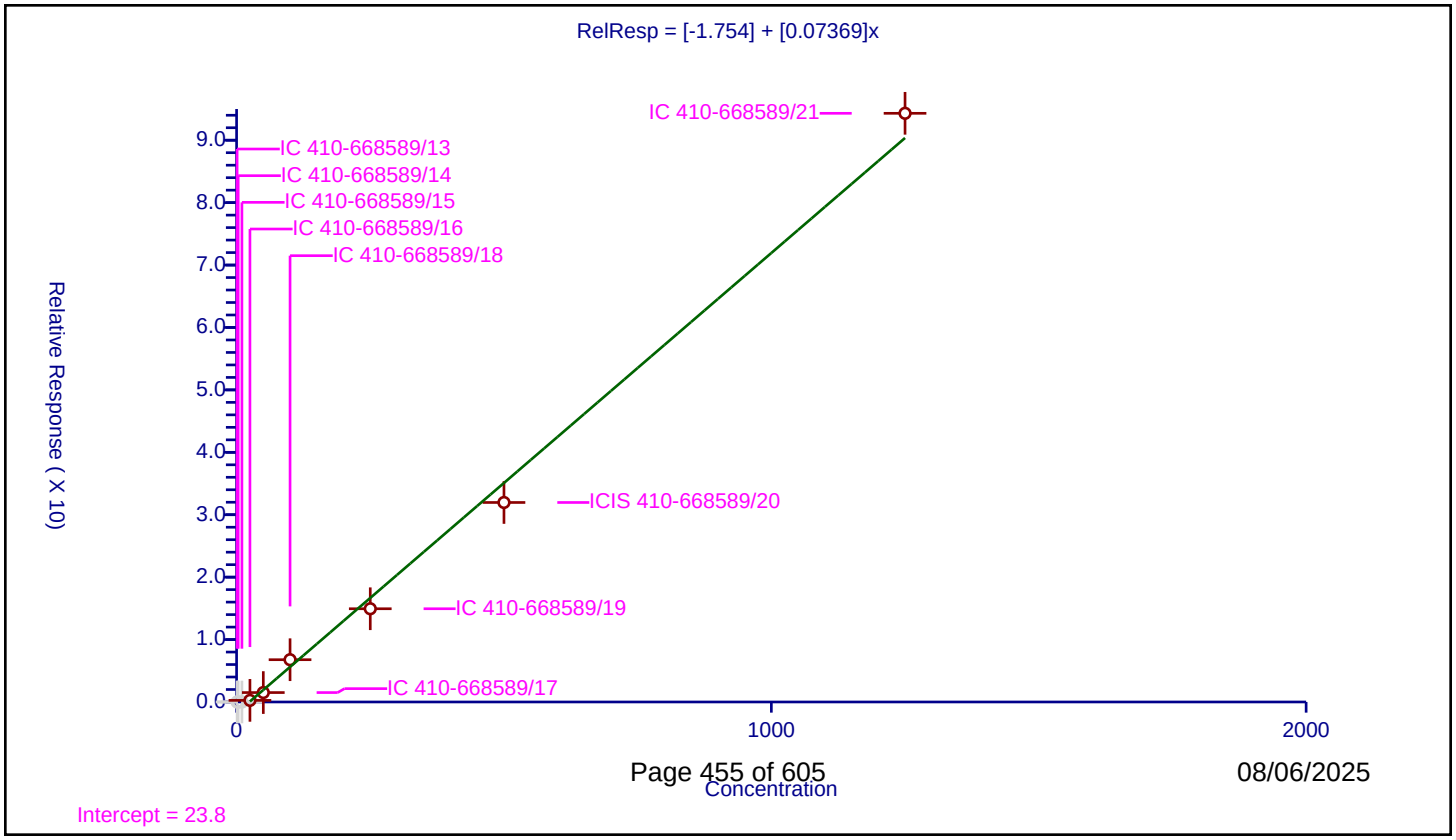
Curve Coefficients

Intercept:	-1.754
Slope:	0.07369

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	1.0	0.0	50.0	73626.0	0.0	N
2	IC 410-668589/14	3.0	0.0	50.0	80230.0	0.0	N
3	IC 410-668589/15	10.0	0.0	50.0	83156.0	0.0	N
4	IC 410-668589/16	25.0	0.259354	50.0	72295.0	0.010374	Y
5	IC 410-668589/17	50.0	1.510991	50.0	64825.0	0.03022	Y
6	IC 410-668589/18	100.0	6.771733	50.0	87437.0	0.067717	Y
7	IC 410-668589/19	250.0	14.938999	50.0	71966.0	0.059756	Y
8	ICIS 410-668589/20	500.0	31.962651	50.0	75826.0	0.063925	Y
9	IC 410-668589/21	1250.0	94.310263	50.0	82517.0	0.075448	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

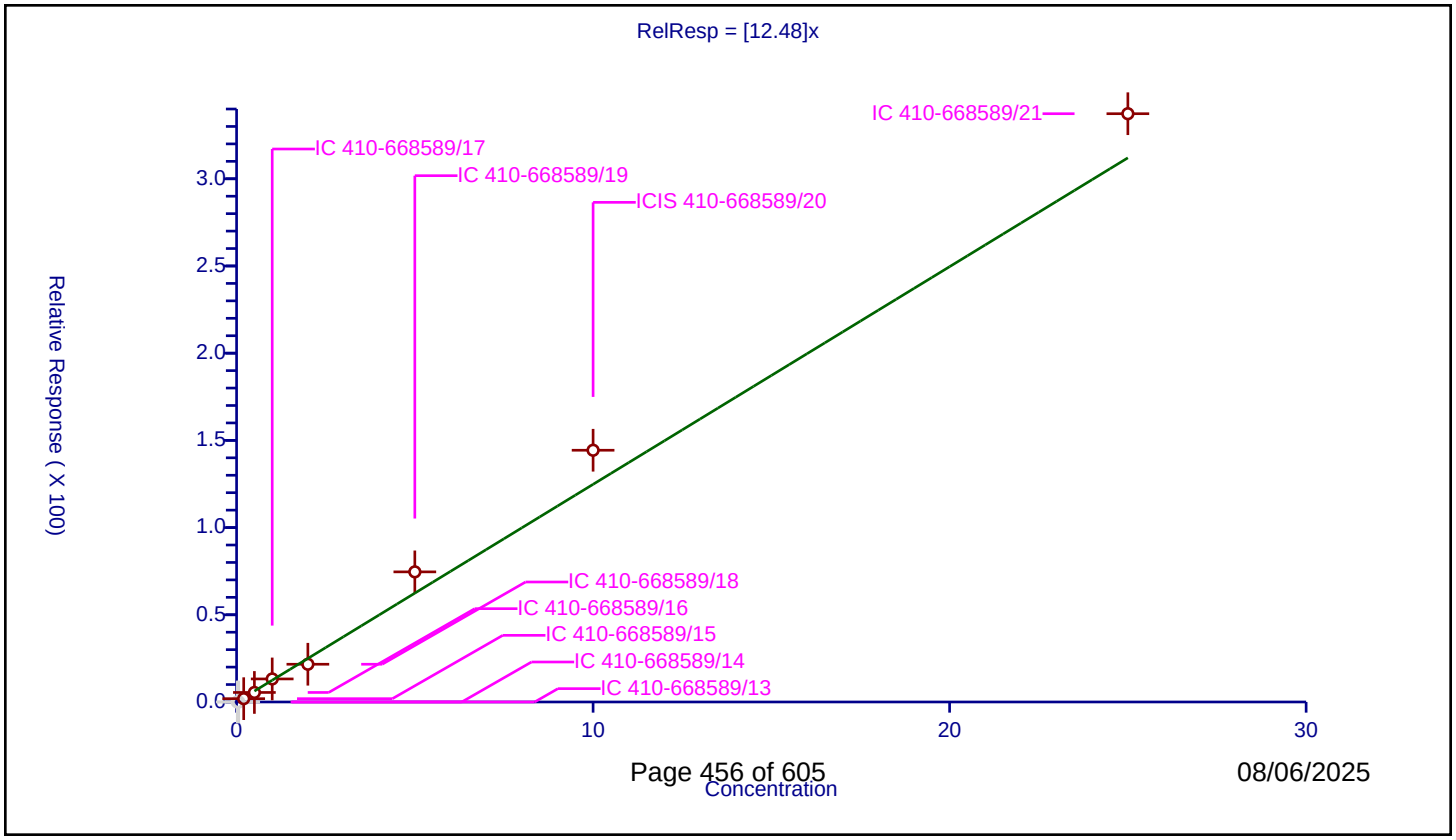
Curve Coefficients

Intercept:	0
Slope:	12.48

Error Coefficients

Relative Standard Deviation:	16.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.0	50.0	73626.0	0.0	N
2	IC 410-668589/14	0.06	0.0	50.0	80230.0	0.0	N
3	IC 410-668589/15	0.2	1.908461	50.0	83156.0	9.542306	Y
4	IC 410-668589/16	0.5	5.467183	50.0	72295.0	10.934366	Y
5	IC 410-668589/17	1.0	13.214038	50.0	64825.0	13.214038	Y
6	IC 410-668589/18	2.0	21.645299	50.0	87437.0	10.822649	Y
7	IC 410-668589/19	5.0	74.611622	50.0	71966.0	14.922324	Y
8	ICIS 410-668589/20	10.0	144.341651	50.0	75826.0	14.434165	Y
9	IC 410-668589/21	25.0	337.313523	50.0	82517.0	13.492541	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

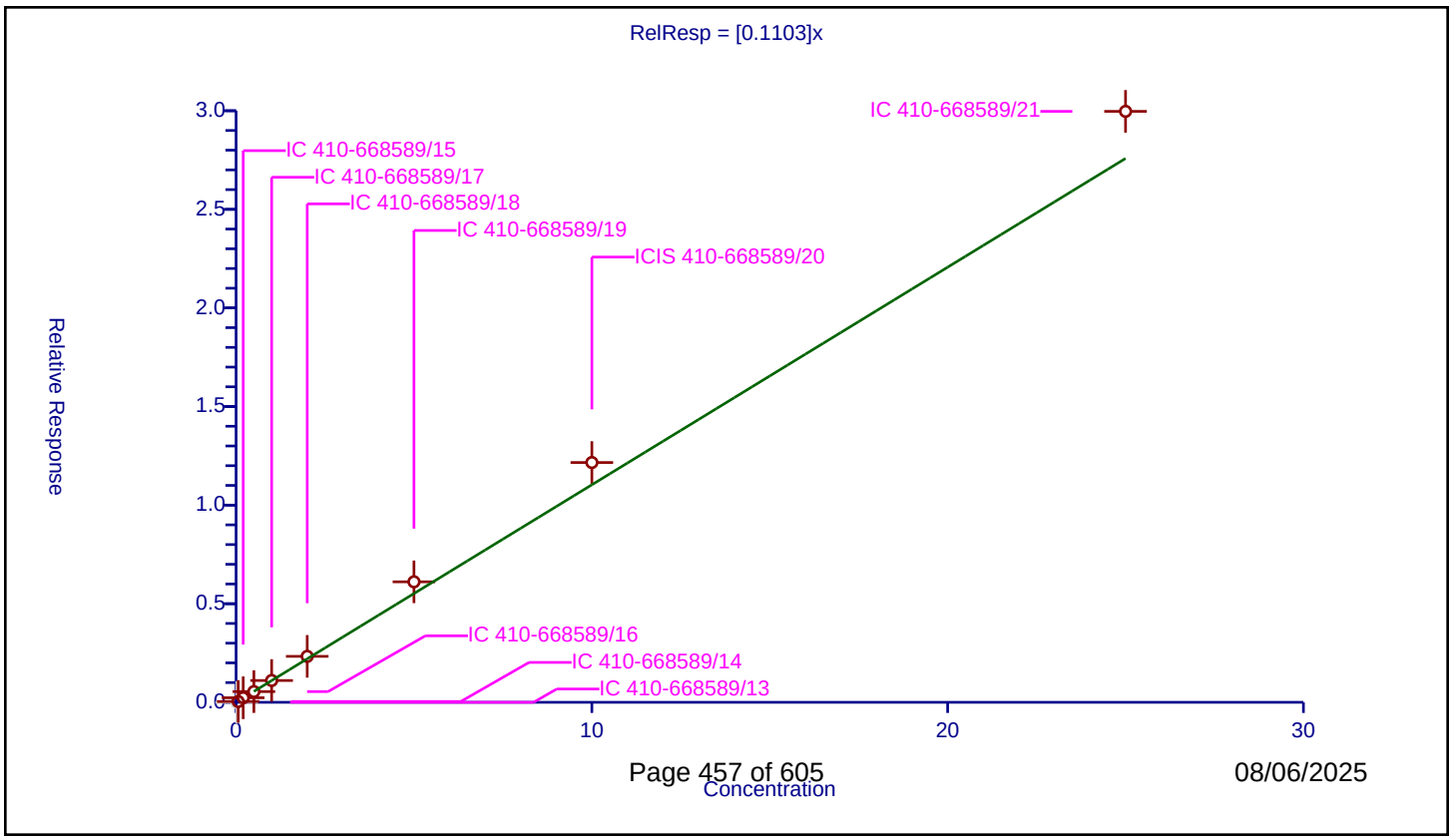
Curve Coefficients

Intercept:	0
Slope:	0.1103

Error Coefficients

Relative Standard Deviation:	16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.0	10.0	1832045.0	0.0	N
2	IC 410-668589/14	0.06	0.004068	10.0	1831280.0	0.067803	Y
3	IC 410-668589/15	0.2	0.023078	10.0	1849831.0	0.115389	Y
4	IC 410-668589/16	0.5	0.054313	10.0	1860146.0	0.108626	Y
5	IC 410-668589/17	1.0	0.110557	10.0	1893953.0	0.110557	Y
6	IC 410-668589/18	2.0	0.233067	10.0	1918847.0	0.116534	Y
7	IC 410-668589/19	5.0	0.611069	10.0	1935362.0	0.122214	Y
8	ICIS 410-668589/20	10.0	1.216083	10.0	1961552.0	0.121608	Y
9	IC 410-668589/21	25.0	2.996895	10.0	1984911.0	0.119876	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

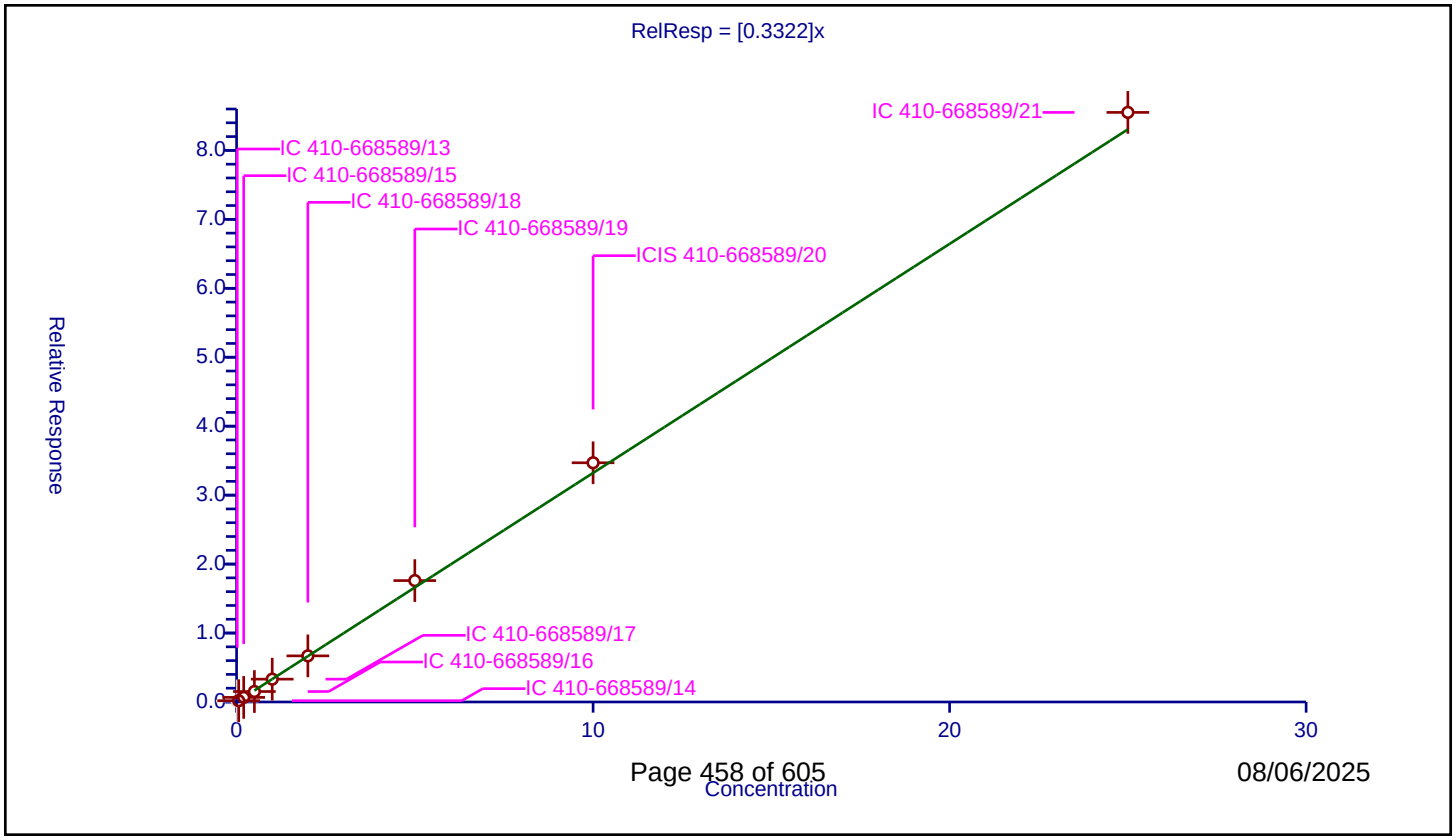
Curve Coefficients

Intercept:	0
Slope:	0.3322

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.013586	10.0	1832045.0	0.679296	N
2	IC 410-668589/14	0.06	0.018763	10.0	1831280.0	0.312714	Y
3	IC 410-668589/15	0.2	0.066839	10.0	1849831.0	0.334193	Y
4	IC 410-668589/16	0.5	0.151816	10.0	1860146.0	0.303632	Y
5	IC 410-668589/17	1.0	0.331413	10.0	1893953.0	0.331413	Y
6	IC 410-668589/18	2.0	0.668938	10.0	1918847.0	0.334469	Y
7	IC 410-668589/19	5.0	1.760771	10.0	1935362.0	0.352154	Y
8	ICIS 410-668589/20	10.0	3.469329	10.0	1961552.0	0.346933	Y
9	IC 410-668589/21	25.0	8.550917	10.0	1984911.0	0.342037	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

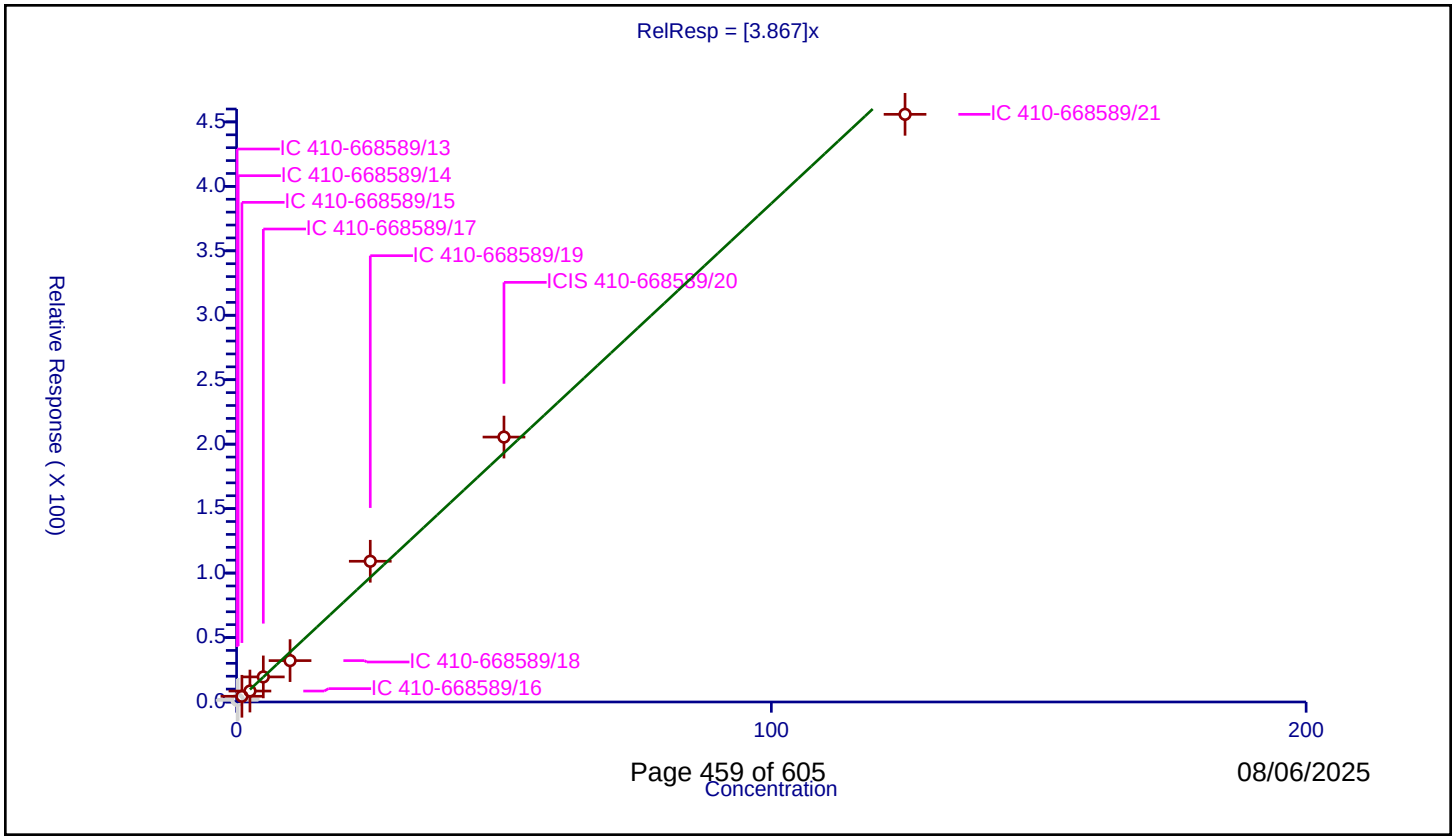
Curve Coefficients

Intercept:	0
Slope:	3.867

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.1	1.264499	50.0	73626.0	12.64499	N
2	IC 410-668589/14	0.3	2.031036	50.0	80230.0	6.770119	N
3	IC 410-668589/15	1.0	4.443456	50.0	83156.0	4.443456	Y
4	IC 410-668589/16	2.5	8.498513	50.0	72295.0	3.399405	Y
5	IC 410-668589/17	5.0	19.460856	50.0	64825.0	3.892171	Y
6	IC 410-668589/18	10.0	32.097396	50.0	87437.0	3.20974	Y
7	IC 410-668589/19	25.0	109.180724	50.0	71966.0	4.367229	Y
8	ICIS 410-668589/20	50.0	205.515259	50.0	75826.0	4.110305	Y
9	IC 410-668589/21	125.0	455.893331	50.0	82517.0	3.647147	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

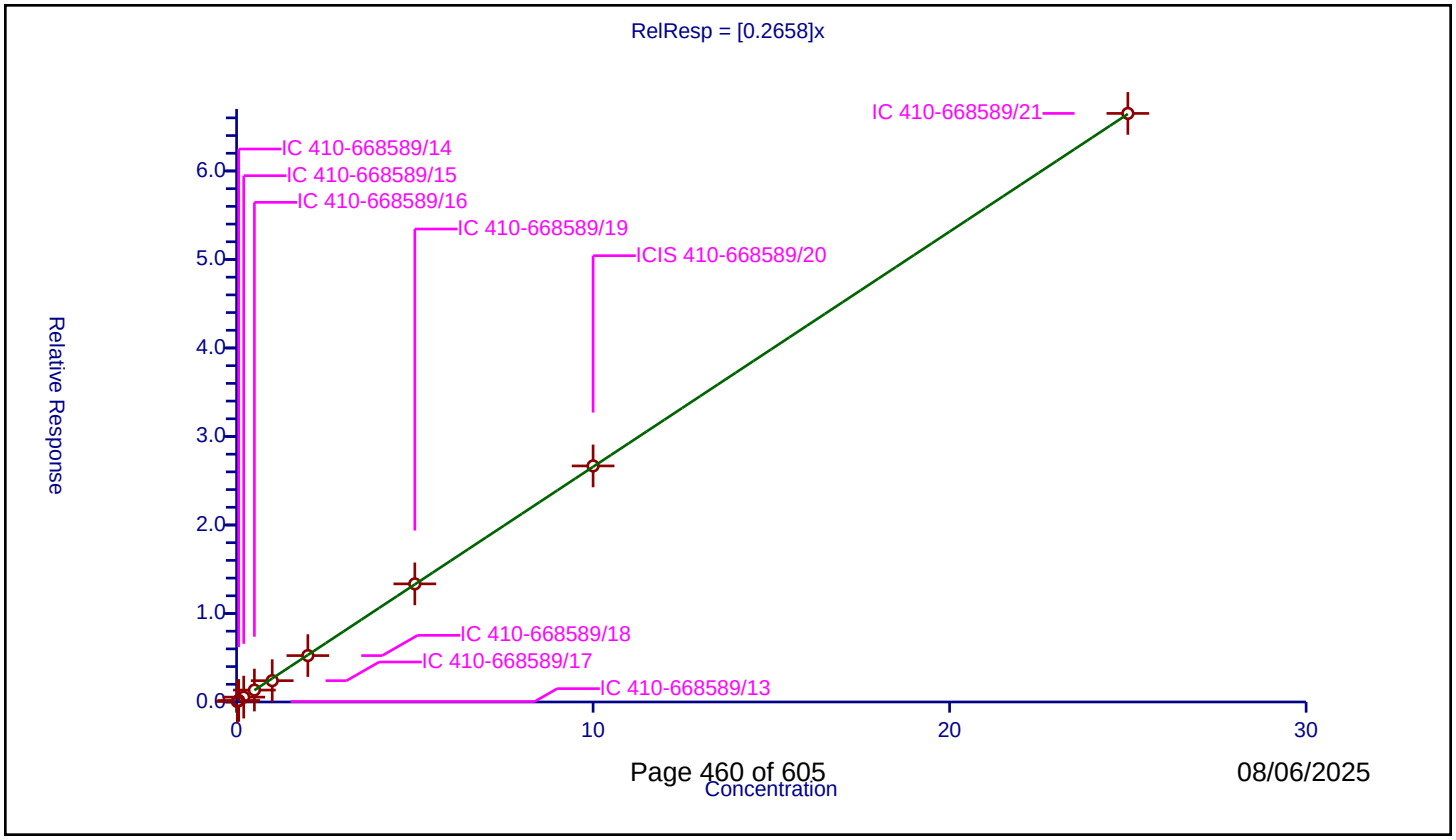
Curve Coefficients

Intercept:	0
Slope:	0.2658

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.005136	10.0	1832045.0	0.256817	Y
2	IC 410-668589/14	0.06	0.017217	10.0	1831280.0	0.286958	Y
3	IC 410-668589/15	0.2	0.055124	10.0	1849831.0	0.27562	Y
4	IC 410-668589/16	0.5	0.134828	10.0	1860146.0	0.269656	Y
5	IC 410-668589/17	1.0	0.240956	10.0	1893953.0	0.240956	Y
6	IC 410-668589/18	2.0	0.524122	10.0	1918847.0	0.262061	Y
7	IC 410-668589/19	5.0	1.334758	10.0	1935362.0	0.266952	Y
8	ICIS 410-668589/20	10.0	2.667357	10.0	1961552.0	0.266736	Y
9	IC 410-668589/21	25.0	6.650142	10.0	1984911.0	0.266006	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

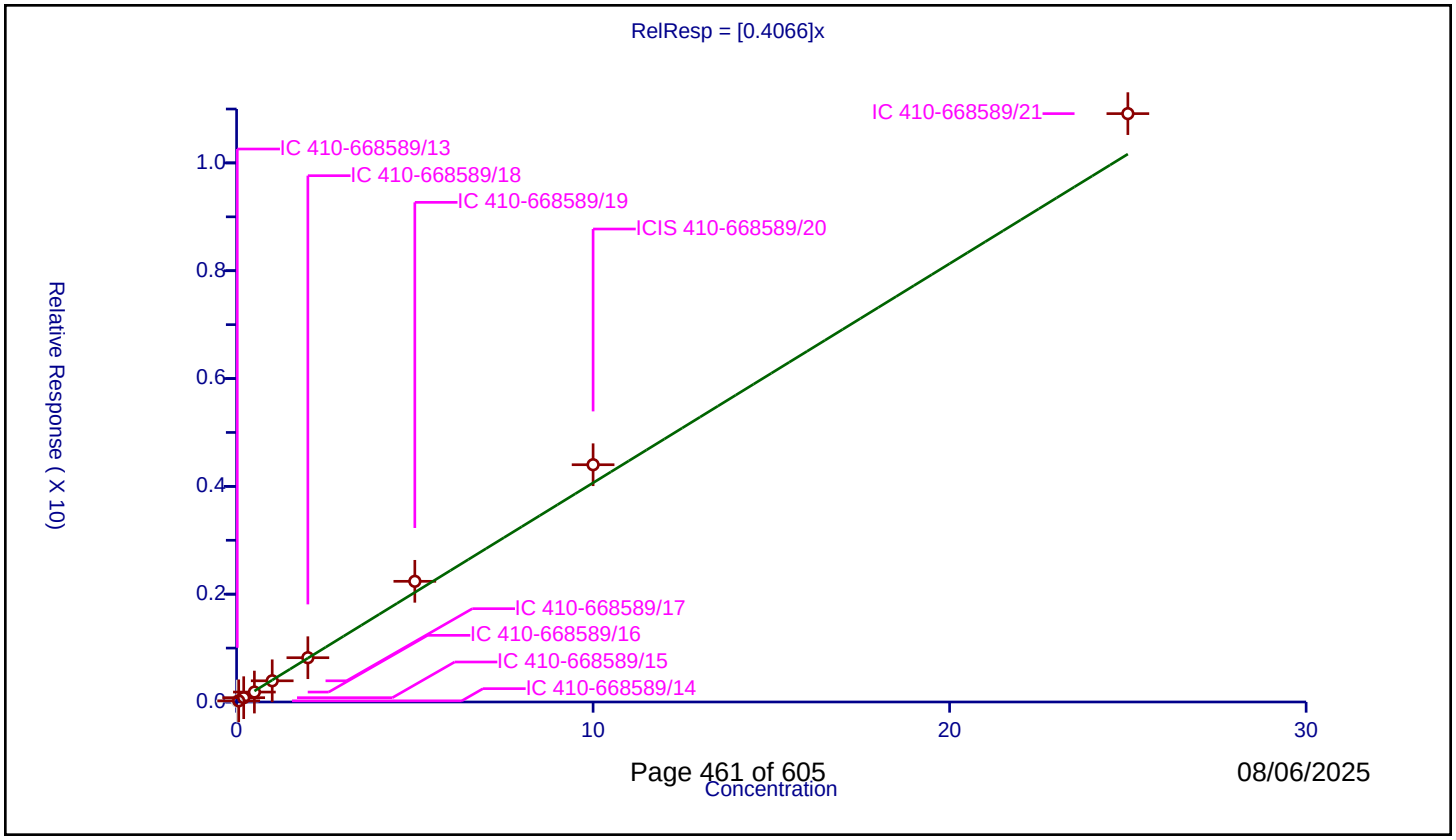
Curve Coefficients

Intercept:	0
Slope:	0.4066

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.016501	10.0	1832045.0	0.825034	N
2	IC 410-668589/14	0.06	0.021433	10.0	1831280.0	0.357218	Y
3	IC 410-668589/15	0.2	0.079742	10.0	1849831.0	0.398712	Y
4	IC 410-668589/16	0.5	0.184179	10.0	1860146.0	0.368358	Y
5	IC 410-668589/17	1.0	0.39312	10.0	1893953.0	0.39312	Y
6	IC 410-668589/18	2.0	0.8214	10.0	1918847.0	0.4107	Y
7	IC 410-668589/19	5.0	2.238511	10.0	1935362.0	0.447702	Y
8	ICIS 410-668589/20	10.0	4.401505	10.0	1961552.0	0.44015	Y
9	IC 410-668589/21	25.0	10.914177	10.0	1984911.0	0.436567	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

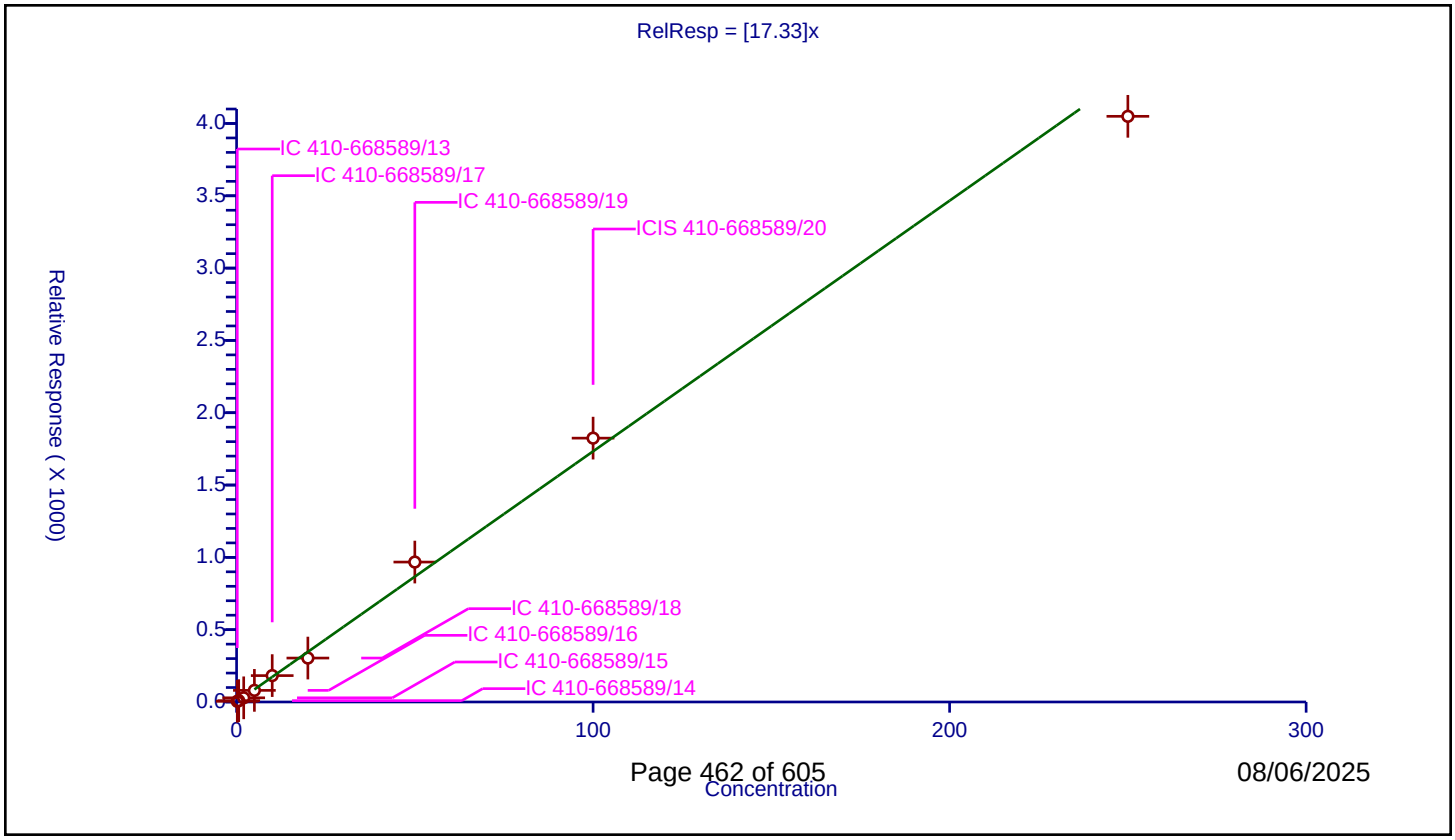
Curve Coefficients

Intercept:	0
Slope:	17.33

Error Coefficients

Relative Standard Deviation:	15.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.2	4.560889	50.0	73626.0	22.804444	Y
2	IC 410-668589/14	0.6	9.263368	50.0	80230.0	15.438946	Y
3	IC 410-668589/15	2.0	28.902304	50.0	83156.0	14.451152	Y
4	IC 410-668589/16	5.0	80.264887	50.0	72295.0	16.052977	Y
5	IC 410-668589/17	10.0	182.504435	50.0	64825.0	18.250444	Y
6	IC 410-668589/18	20.0	303.733545	50.0	87437.0	15.186677	Y
7	IC 410-668589/19	50.0	967.492288	50.0	71966.0	19.349846	Y
8	ICIS 410-668589/20	100.0	1824.450716	50.0	75826.0	18.244507	Y
9	IC 410-668589/21	250.0	4049.429814	50.0	82517.0	16.197719	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

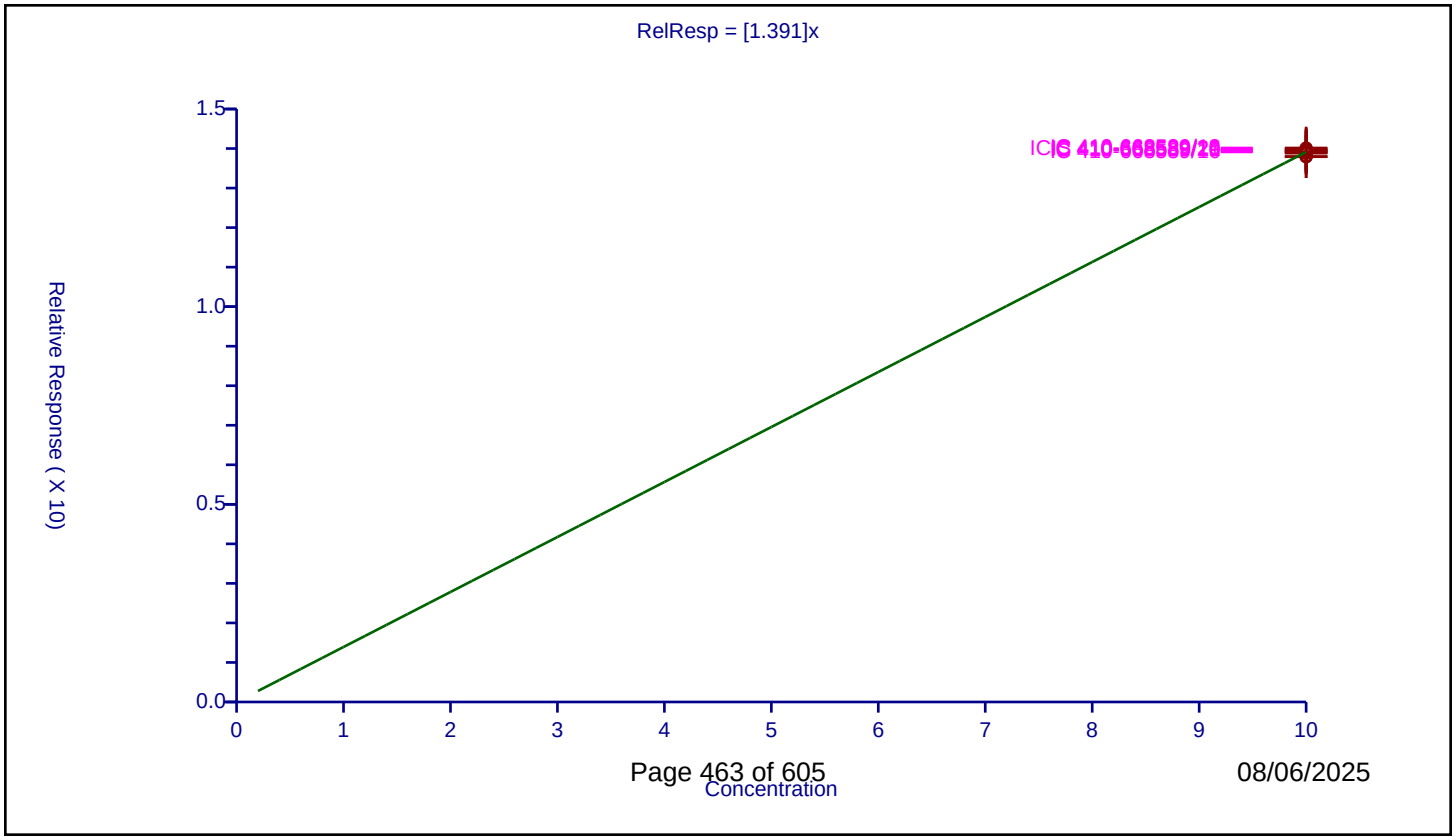
Curve Coefficients

Intercept:	0
Slope:	1.391

Error Coefficients

Relative Standard Deviation:	0.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/21	10.0	13.951853	10.0	1417363.0	1.395185	Y
2	ICIS 410-668589/20	10.0	13.985879	10.0	1396688.0	1.398588	Y
3	IC 410-668589/19	10.0	13.959978	10.0	1379202.0	1.395998	Y
4	IC 410-668589/18	10.0	14.013443	10.0	1372931.0	1.401344	Y
5	IC 410-668589/17	10.0	13.793282	10.0	1360861.0	1.379328	Y
6	IC 410-668589/16	10.0	13.914395	10.0	1338143.0	1.391439	Y
7	IC 410-668589/15	10.0	13.906176	10.0	1343086.0	1.390618	Y
8	IC 410-668589/14	10.0	13.796049	10.0	1330860.0	1.379605	Y
9	IC 410-668589/13	10.0	13.883159	10.0	1331318.0	1.388316	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

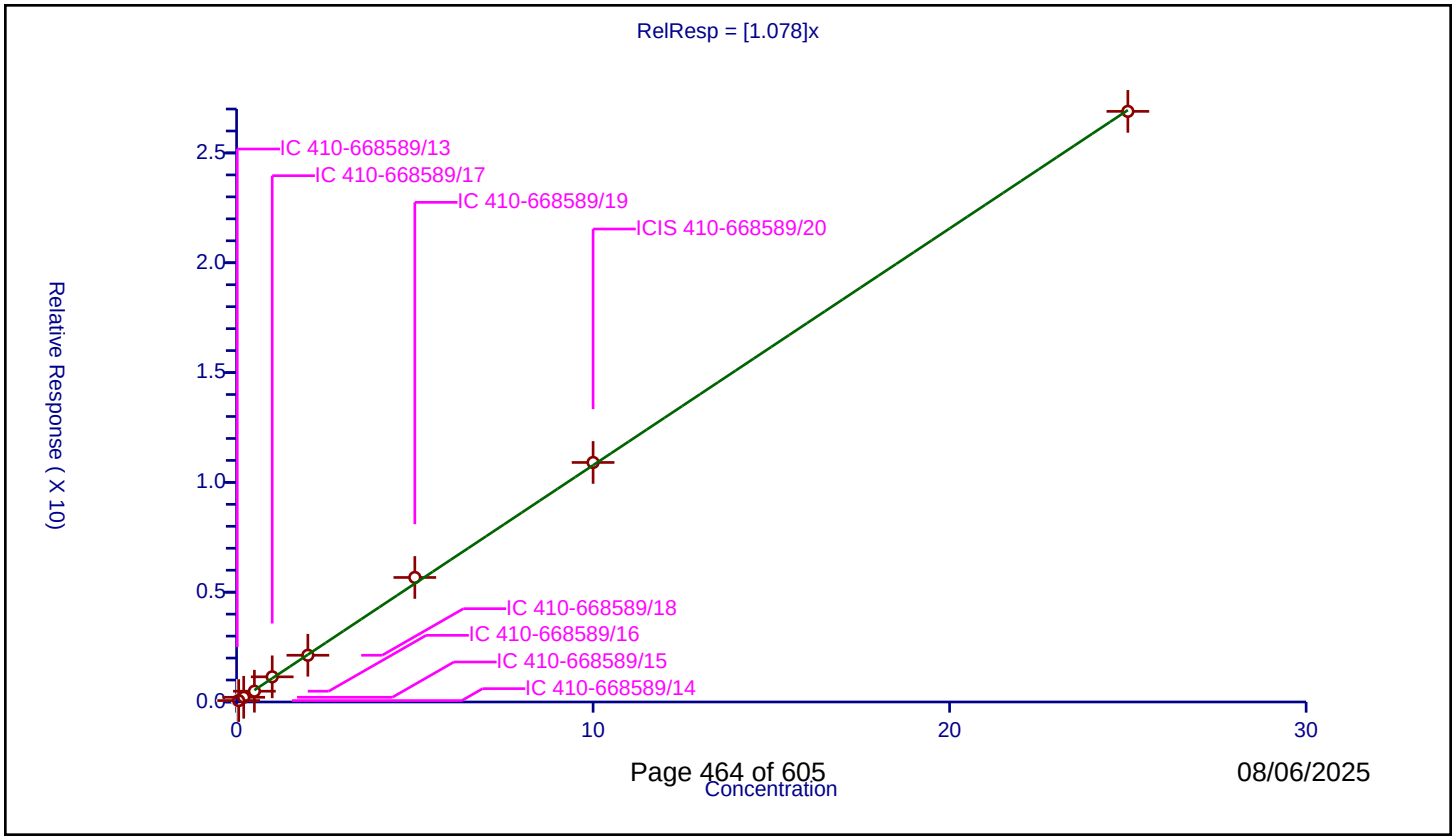
Curve Coefficients

Intercept:	0
Slope:	1.078

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.068631	10.0	1331318.0	3.431562	N
2	IC 410-668589/14	0.06	0.063621	10.0	1330860.0	1.060342	Y
3	IC 410-668589/15	0.2	0.214499	10.0	1343086.0	1.072493	Y
4	IC 410-668589/16	0.5	0.490762	10.0	1338143.0	0.981524	Y
5	IC 410-668589/17	1.0	1.145628	10.0	1360861.0	1.145628	Y
6	IC 410-668589/18	2.0	2.127689	10.0	1372931.0	1.063844	Y
7	IC 410-668589/19	5.0	5.669953	10.0	1379202.0	1.133991	Y
8	ICIS 410-668589/20	10.0	10.906938	10.0	1396688.0	1.090694	Y
9	IC 410-668589/21	25.0	26.892659	10.0	1417363.0	1.075706	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

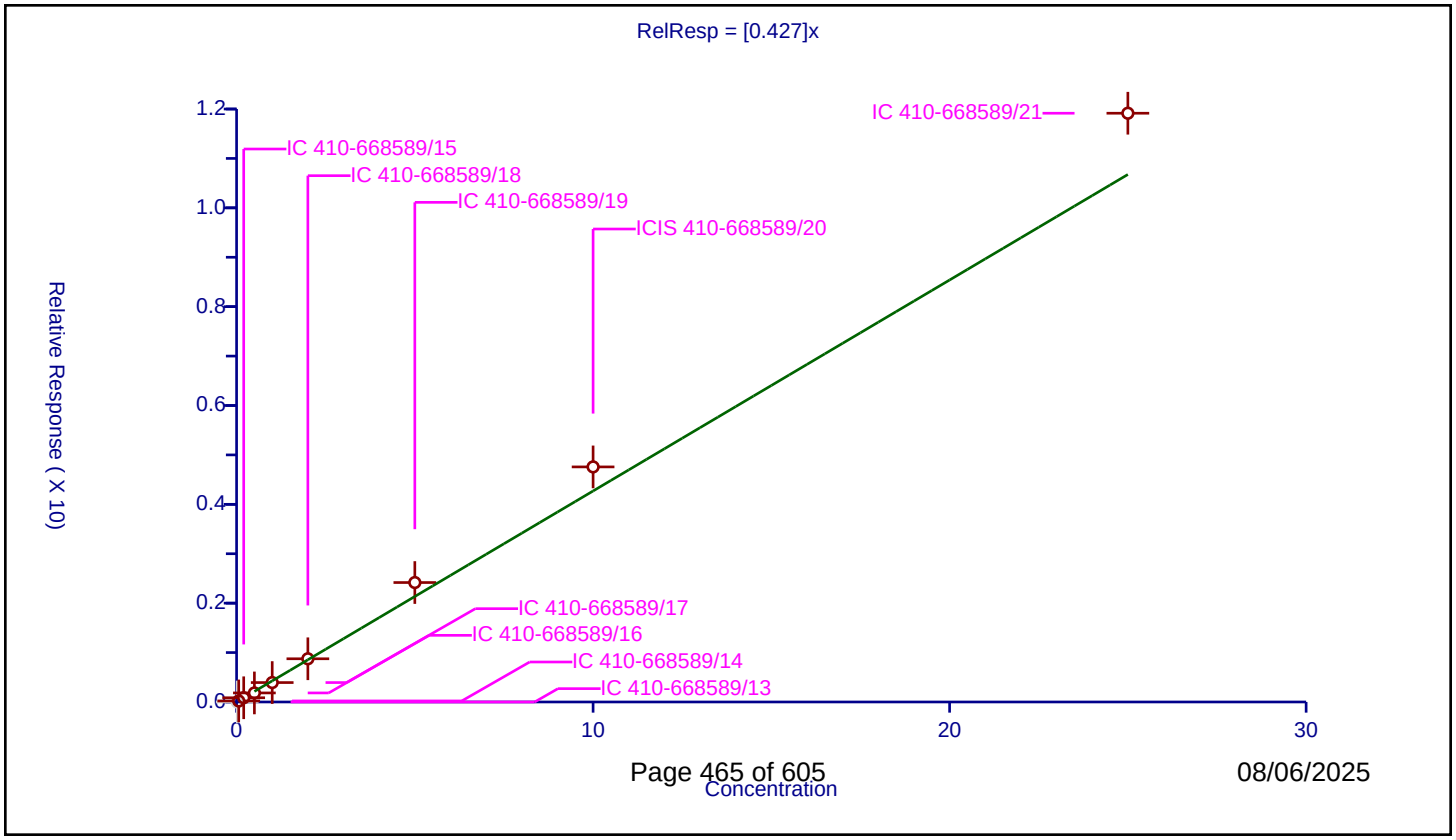
Curve Coefficients

Intercept:	0
Slope:	0.427

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.0	10.0	1331318.0	0.0	N
2	IC 410-668589/14	0.06	0.021287	10.0	1330860.0	0.354783	Y
3	IC 410-668589/15	0.2	0.085765	10.0	1343086.0	0.428826	Y
4	IC 410-668589/16	0.5	0.183112	10.0	1338143.0	0.366224	Y
5	IC 410-668589/17	1.0	0.39317	10.0	1360861.0	0.39317	Y
6	IC 410-668589/18	2.0	0.874341	10.0	1372931.0	0.437171	Y
7	IC 410-668589/19	5.0	2.417325	10.0	1379202.0	0.483465	Y
8	ICIS 410-668589/20	10.0	4.757455	10.0	1396688.0	0.475745	Y
9	IC 410-668589/21	25.0	11.914901	10.0	1417363.0	0.476596	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

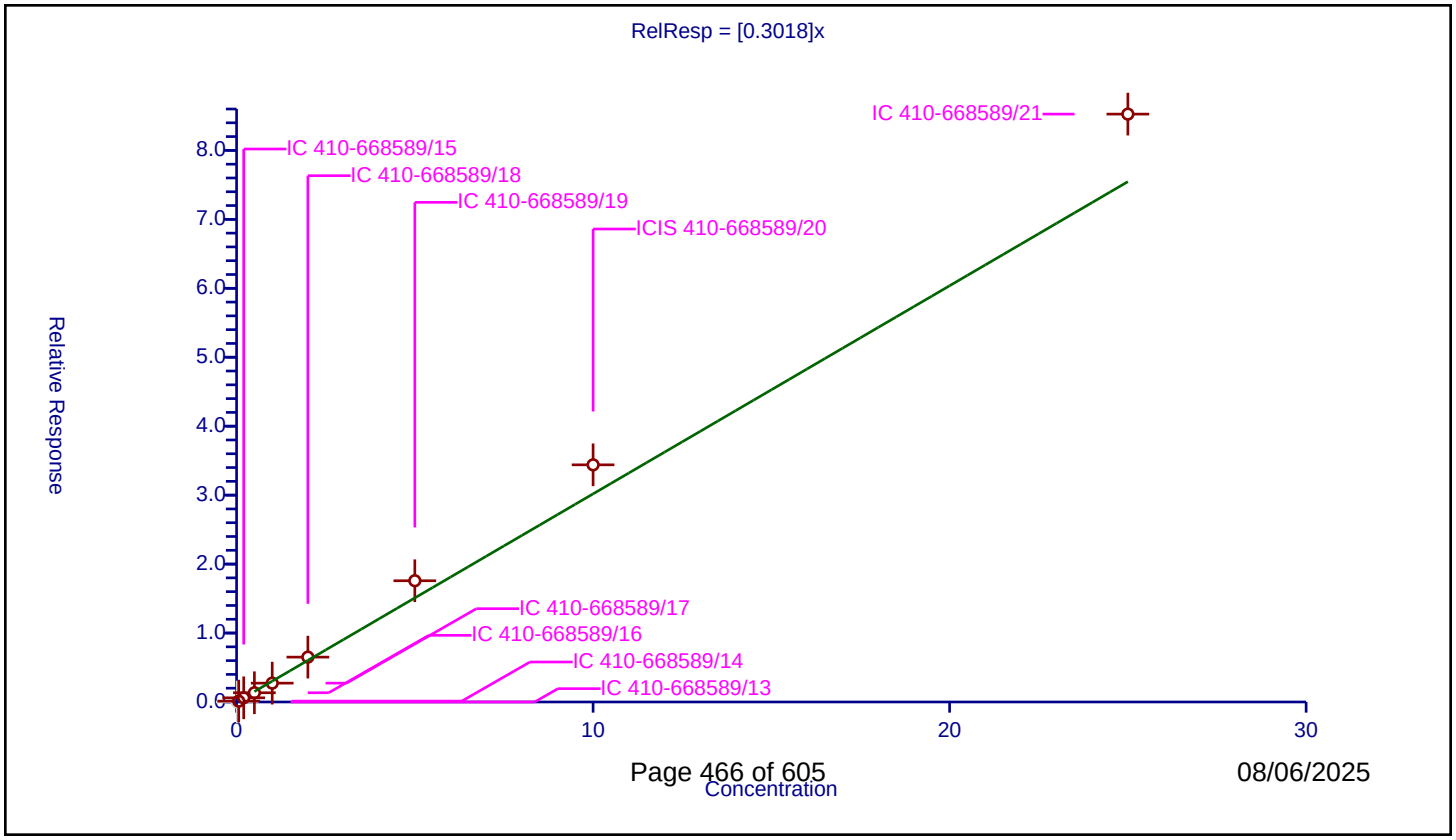
Curve Coefficients

Intercept:	0
Slope:	0.3018

Error Coefficients

Relative Standard Deviation:	16.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.0	10.0	1331318.0	0.0	N
2	IC 410-668589/14	0.06	0.012563	10.0	1330860.0	0.209388	Y
3	IC 410-668589/15	0.2	0.060413	10.0	1343086.0	0.302066	Y
4	IC 410-668589/16	0.5	0.134051	10.0	1338143.0	0.268103	Y
5	IC 410-668589/17	1.0	0.273136	10.0	1360861.0	0.273136	Y
6	IC 410-668589/18	2.0	0.650717	10.0	1372931.0	0.325359	Y
7	IC 410-668589/19	5.0	1.758437	10.0	1379202.0	0.351687	Y
8	ICIS 410-668589/20	10.0	3.439401	10.0	1396688.0	0.34394	Y
9	IC 410-668589/21	25.0	8.526157	10.0	1417363.0	0.341046	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

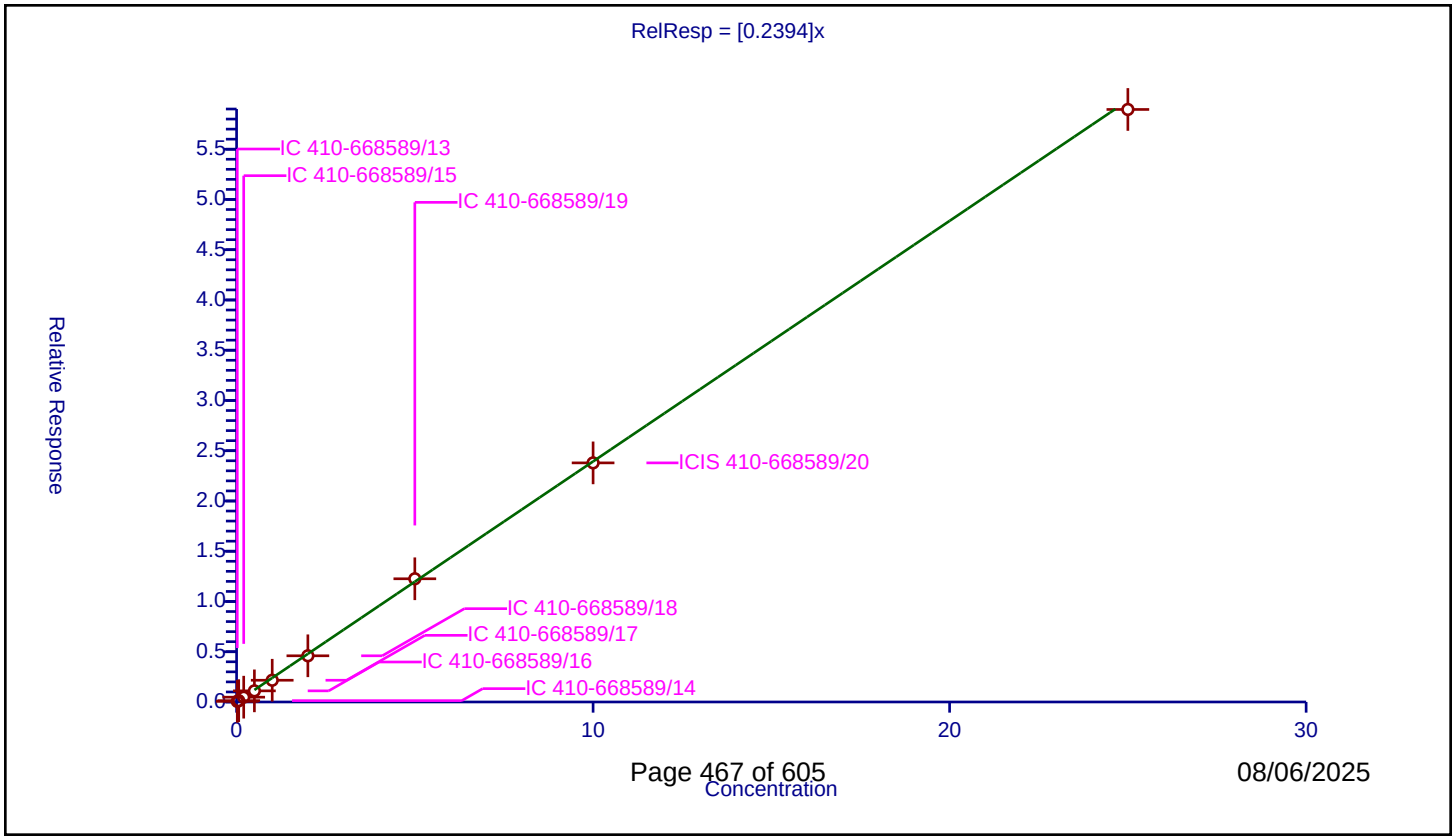
Curve Coefficients

Intercept:	0
Slope:	0.2394

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.006099	10.0	1331318.0	0.304961	Y
2	IC 410-668589/14	0.06	0.01336	10.0	1330860.0	0.222663	Y
3	IC 410-668589/15	0.2	0.047972	10.0	1343086.0	0.239858	Y
4	IC 410-668589/16	0.5	0.110863	10.0	1338143.0	0.221725	Y
5	IC 410-668589/17	1.0	0.21626	10.0	1360861.0	0.21626	Y
6	IC 410-668589/18	2.0	0.459644	10.0	1372931.0	0.229822	Y
7	IC 410-668589/19	5.0	1.225832	10.0	1379202.0	0.245166	Y
8	ICIS 410-668589/20	10.0	2.379057	10.0	1396688.0	0.237906	Y
9	IC 410-668589/21	25.0	5.895356	10.0	1417363.0	0.235814	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

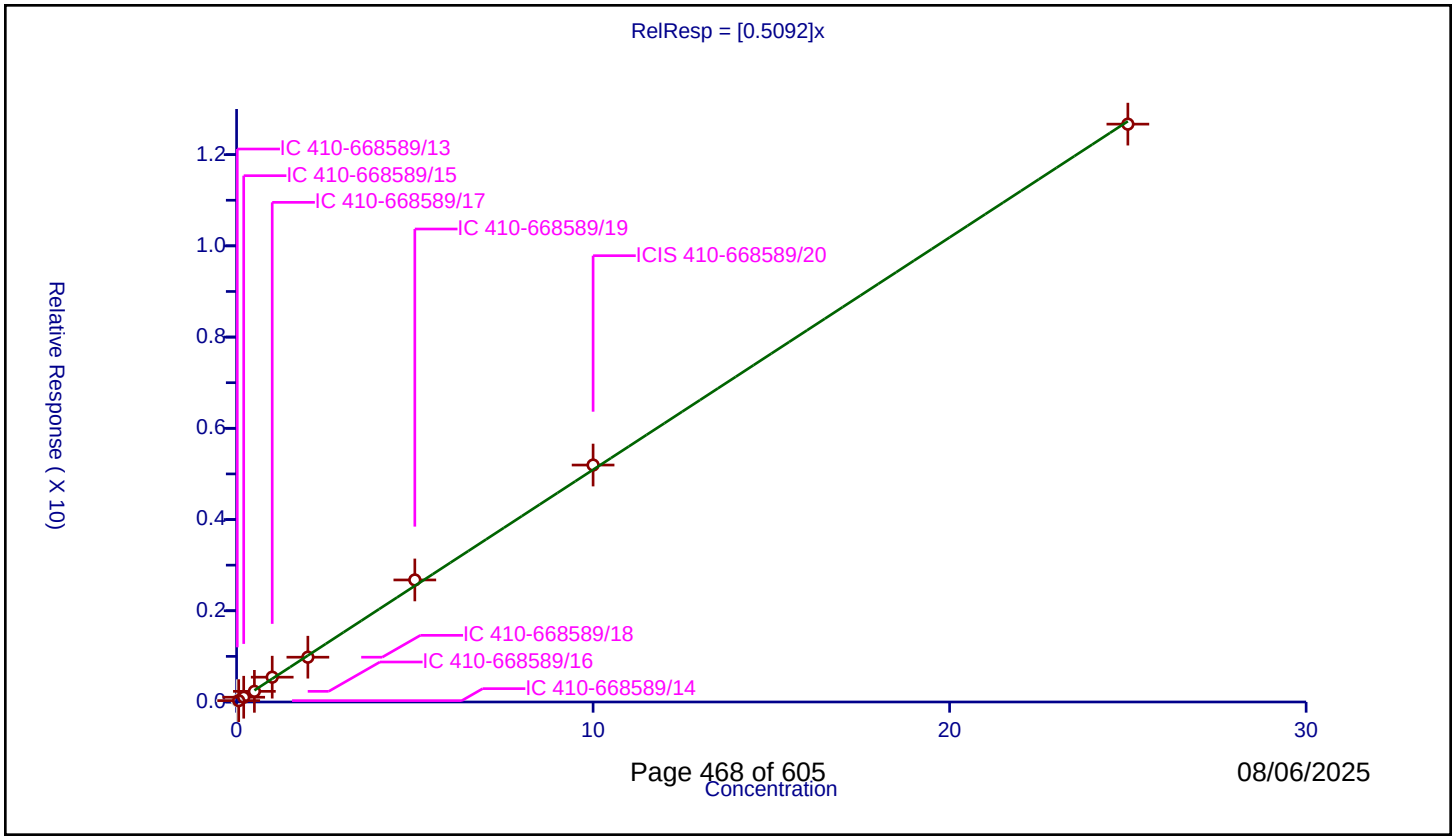
Curve Coefficients

Intercept:	0
Slope:	0.5092

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.028881	10.0	1331318.0	1.444058	N
2	IC 410-668589/14	0.06	0.029372	10.0	1330860.0	0.489533	Y
3	IC 410-668589/15	0.2	0.104297	10.0	1343086.0	0.521486	Y
4	IC 410-668589/16	0.5	0.233279	10.0	1338143.0	0.466557	Y
5	IC 410-668589/17	1.0	0.544214	10.0	1360861.0	0.544214	Y
6	IC 410-668589/18	2.0	0.981797	10.0	1372931.0	0.490899	Y
7	IC 410-668589/19	5.0	2.675547	10.0	1379202.0	0.535109	Y
8	ICIS 410-668589/20	10.0	5.194539	10.0	1396688.0	0.519454	Y
9	IC 410-668589/21	25.0	12.668335	10.0	1417363.0	0.506733	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

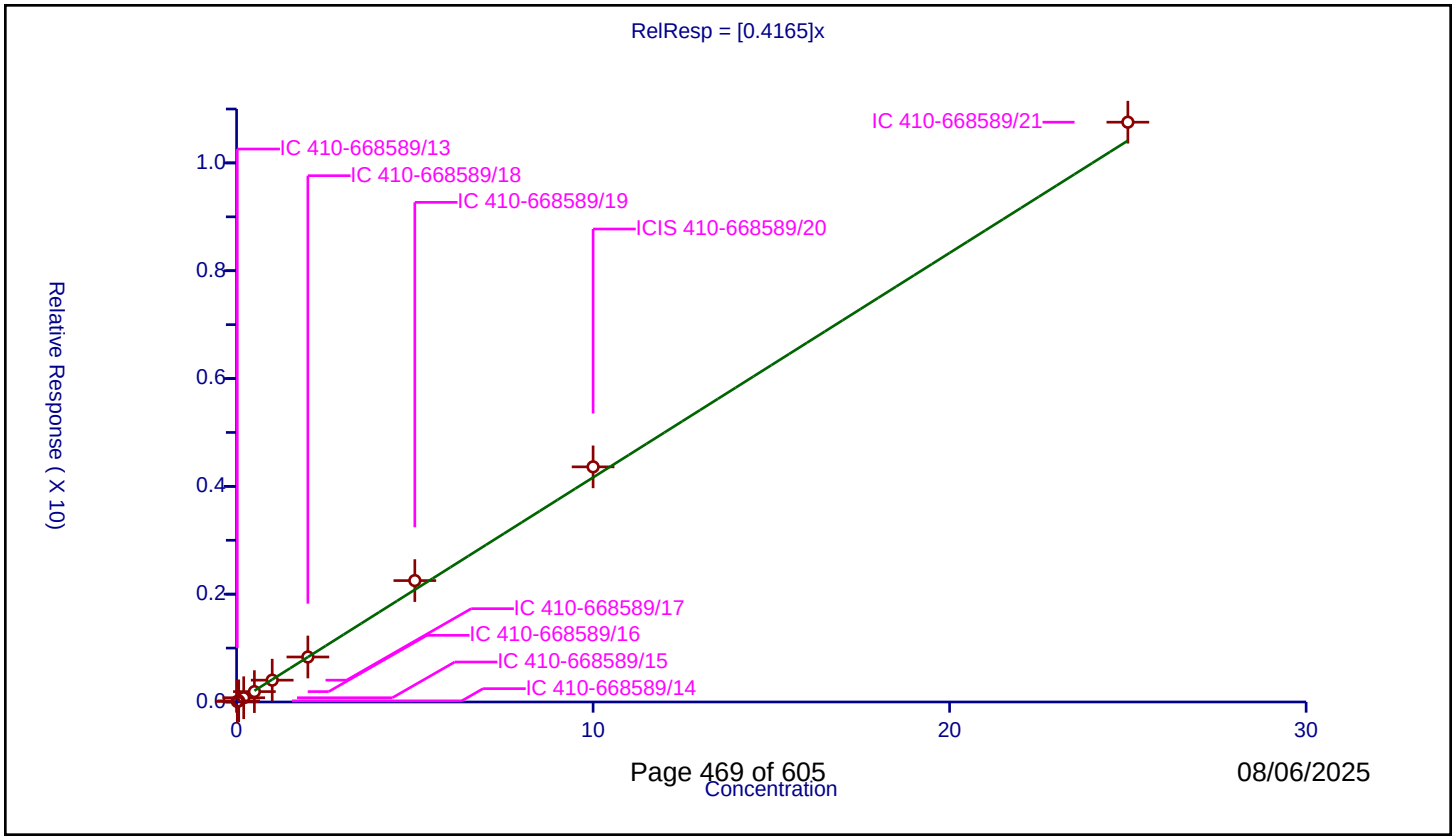
Curve Coefficients

Intercept:	0
Slope:	0.4165

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.009622	10.0	1331318.0	0.481102	Y
2	IC 410-668589/14	0.06	0.020956	10.0	1330860.0	0.349273	Y
3	IC 410-668589/15	0.2	0.078744	10.0	1343086.0	0.39372	Y
4	IC 410-668589/16	0.5	0.192633	10.0	1338143.0	0.385265	Y
5	IC 410-668589/17	1.0	0.405023	10.0	1360861.0	0.405023	Y
6	IC 410-668589/18	2.0	0.834987	10.0	1372931.0	0.417494	Y
7	IC 410-668589/19	5.0	2.252281	10.0	1379202.0	0.450456	Y
8	ICIS 410-668589/20	10.0	4.361819	10.0	1396688.0	0.436182	Y
9	IC 410-668589/21	25.0	10.755812	10.0	1417363.0	0.430232	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

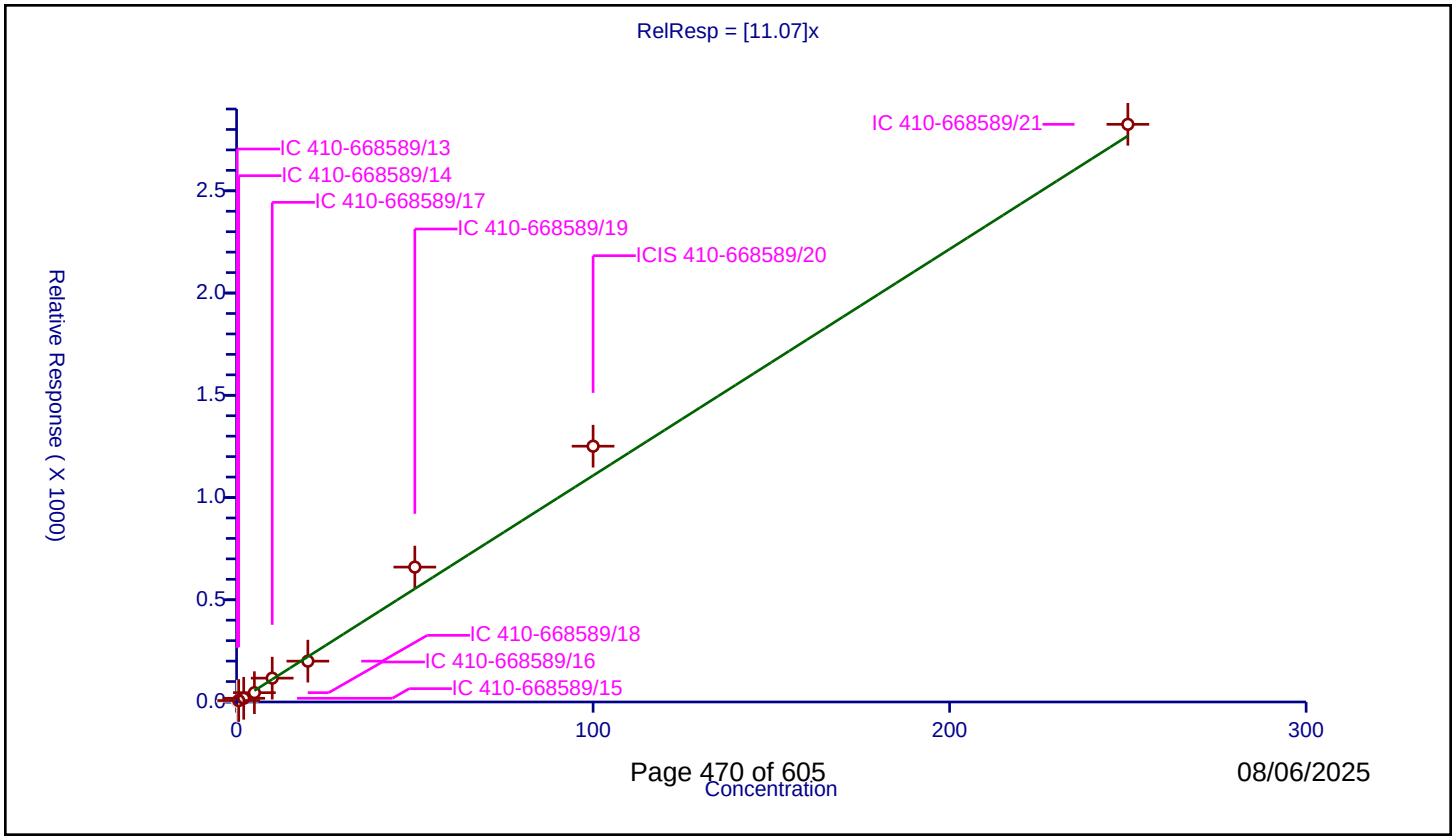
Curve Coefficients

Intercept:	0
Slope:	11.07

Error Coefficients

Relative Standard Deviation:	13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.2	3.692989	50.0	73626.0	18.464944	N
2	IC 410-668589/14	0.6	7.067805	50.0	80230.0	11.779675	Y
3	IC 410-668589/15	2.0	18.094305	50.0	83156.0	9.047152	Y
4	IC 410-668589/16	5.0	45.550868	50.0	72295.0	9.110174	Y
5	IC 410-668589/17	10.0	116.67875	50.0	64825.0	11.667875	Y
6	IC 410-668589/18	20.0	199.699212	50.0	87437.0	9.984961	Y
7	IC 410-668589/19	50.0	659.673318	50.0	71966.0	13.193466	Y
8	ICIS 410-668589/20	100.0	1250.975919	50.0	75826.0	12.509759	Y
9	IC 410-668589/21	250.0	2825.089376	50.0	82517.0	11.300358	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

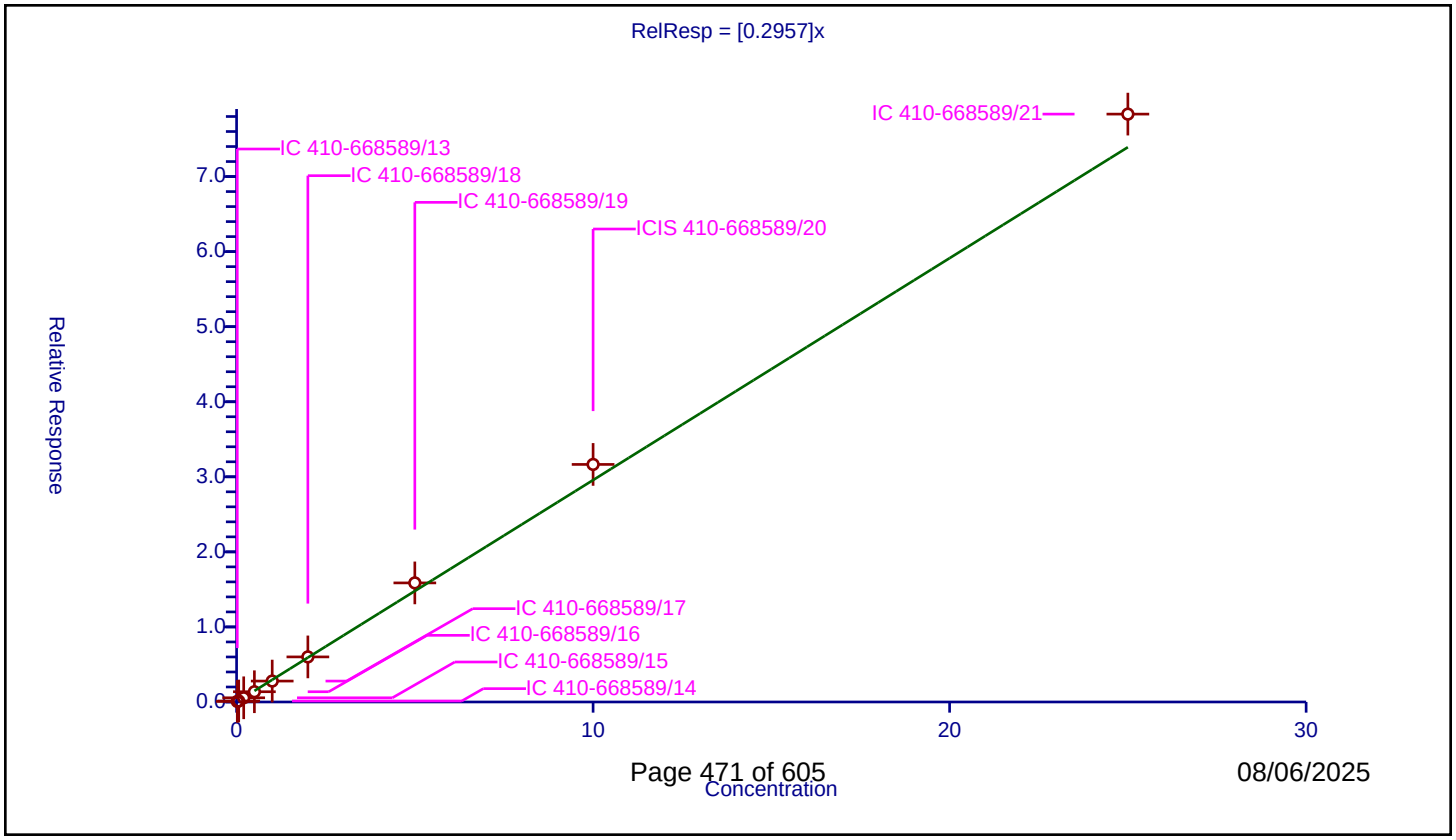
Curve Coefficients

Intercept:	0
Slope:	0.2957

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.007226	10.0	1331318.0	0.361296	Y
2	IC 410-668589/14	0.06	0.013217	10.0	1330860.0	0.220284	Y
3	IC 410-668589/15	0.2	0.055983	10.0	1343086.0	0.279915	Y
4	IC 410-668589/16	0.5	0.136562	10.0	1338143.0	0.273125	Y
5	IC 410-668589/17	1.0	0.278823	10.0	1360861.0	0.278823	Y
6	IC 410-668589/18	2.0	0.600737	10.0	1372931.0	0.300368	Y
7	IC 410-668589/19	5.0	1.586541	10.0	1379202.0	0.317308	Y
8	ICIS 410-668589/20	10.0	3.164866	10.0	1396688.0	0.316487	Y
9	IC 410-668589/21	25.0	7.83203	10.0	1417363.0	0.313281	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

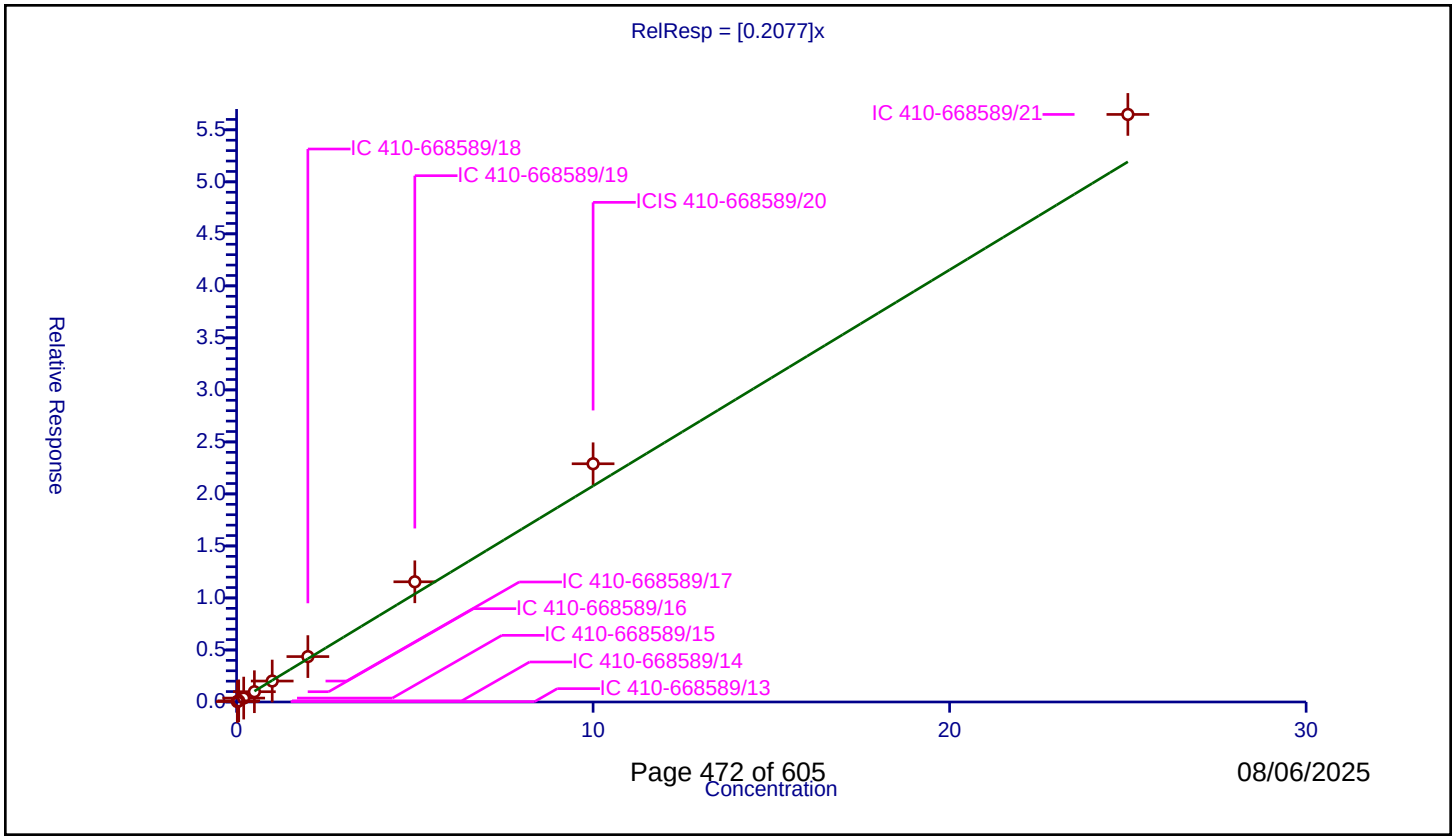
Curve Coefficients

Intercept:	0
Slope:	0.2077

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.003906	10.0	1331318.0	0.195295	Y
2	IC 410-668589/14	0.06	0.011023	10.0	1330860.0	0.183716	Y
3	IC 410-668589/15	0.2	0.037473	10.0	1343086.0	0.187367	Y
4	IC 410-668589/16	0.5	0.098711	10.0	1338143.0	0.197423	Y
5	IC 410-668589/17	1.0	0.201292	10.0	1360861.0	0.201292	Y
6	IC 410-668589/18	2.0	0.436497	10.0	1372931.0	0.218248	Y
7	IC 410-668589/19	5.0	1.155473	10.0	1379202.0	0.231095	Y
8	ICIS 410-668589/20	10.0	2.289967	10.0	1396688.0	0.228997	Y
9	IC 410-668589/21	25.0	5.648066	10.0	1417363.0	0.225923	Y



Calibration / 1-Chlorohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

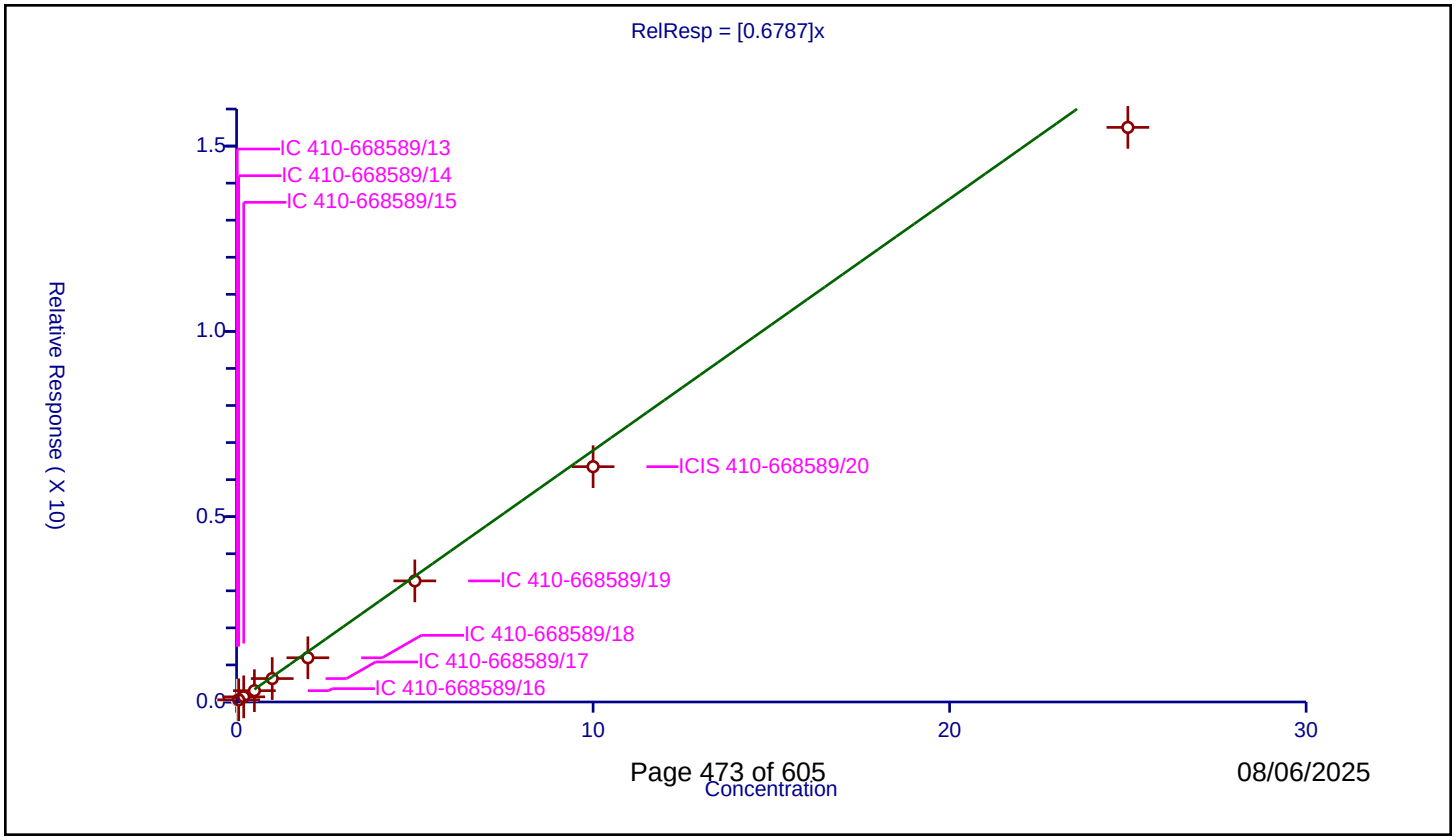
Curve Coefficients

Intercept:	0
Slope:	0.6787

Error Coefficients

Relative Standard Deviation:	18.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.047787	10.0	1331318.0	2.389362	N
2	IC 410-668589/14	0.06	0.059157	10.0	1330860.0	0.985954	Y
3	IC 410-668589/15	0.2	0.139224	10.0	1343086.0	0.696121	Y
4	IC 410-668589/16	0.5	0.305177	10.0	1338143.0	0.610353	Y
5	IC 410-668589/17	1.0	0.631879	10.0	1360861.0	0.631879	Y
6	IC 410-668589/18	2.0	1.193418	10.0	1372931.0	0.596709	Y
7	IC 410-668589/19	5.0	3.267469	10.0	1379202.0	0.653494	Y
8	ICIS 410-668589/20	10.0	6.349614	10.0	1396688.0	0.634961	Y
9	IC 410-668589/21	25.0	15.504052	10.0	1417363.0	0.620162	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

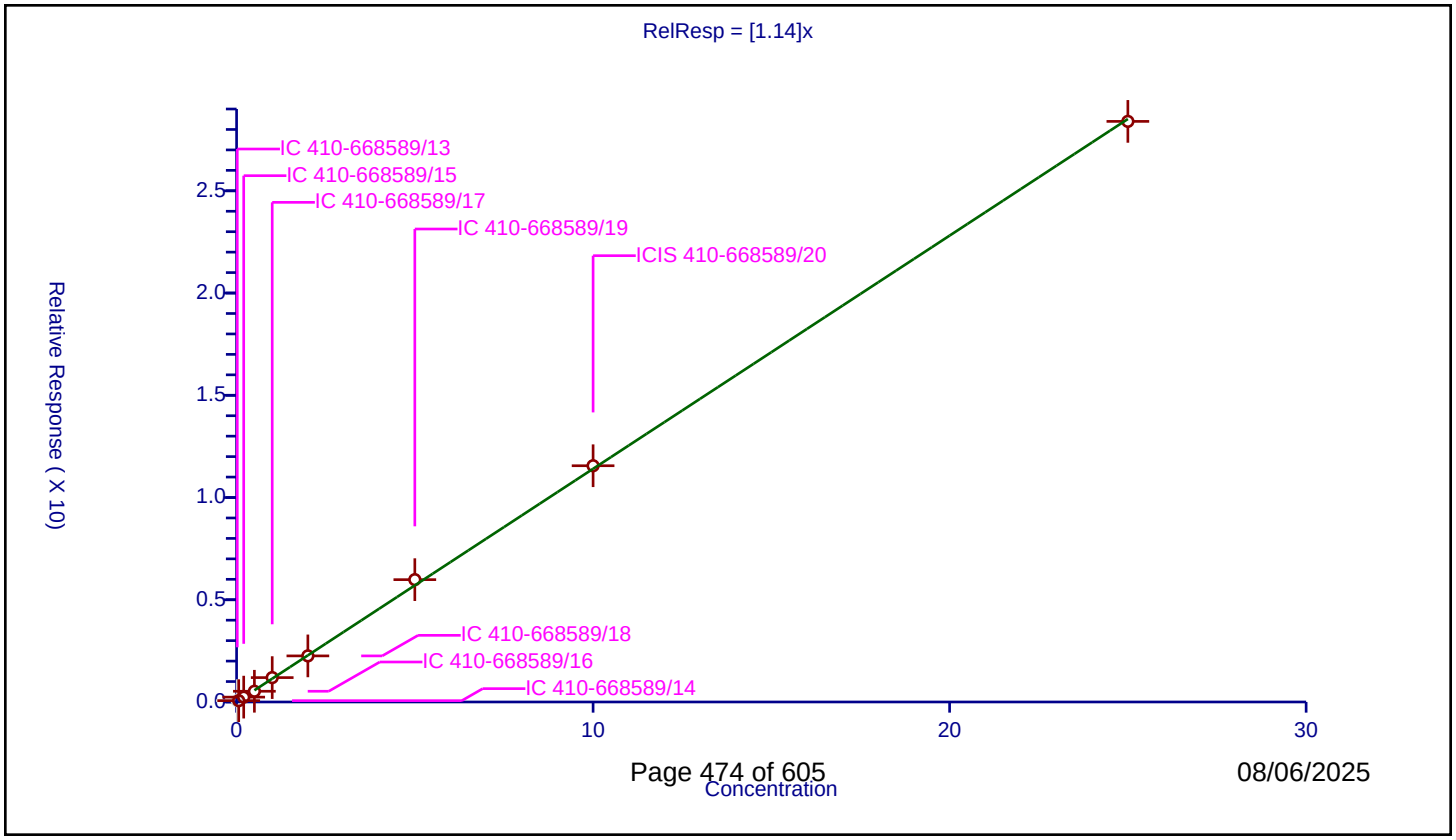
Curve Coefficients

Intercept:	0
Slope:	1.14

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.06604	10.0	1331318.0	3.301991	N
2	IC 410-668589/14	0.06	0.064665	10.0	1330860.0	1.077749	Y
3	IC 410-668589/15	0.2	0.237565	10.0	1343086.0	1.187824	Y
4	IC 410-668589/16	0.5	0.524884	10.0	1338143.0	1.049768	Y
5	IC 410-668589/17	1.0	1.193193	10.0	1360861.0	1.193193	Y
6	IC 410-668589/18	2.0	2.254338	10.0	1372931.0	1.127169	Y
7	IC 410-668589/19	5.0	5.983054	10.0	1379202.0	1.196611	Y
8	ICIS 410-668589/20	10.0	11.553991	10.0	1396688.0	1.155399	Y
9	IC 410-668589/21	25.0	28.394928	10.0	1417363.0	1.135797	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

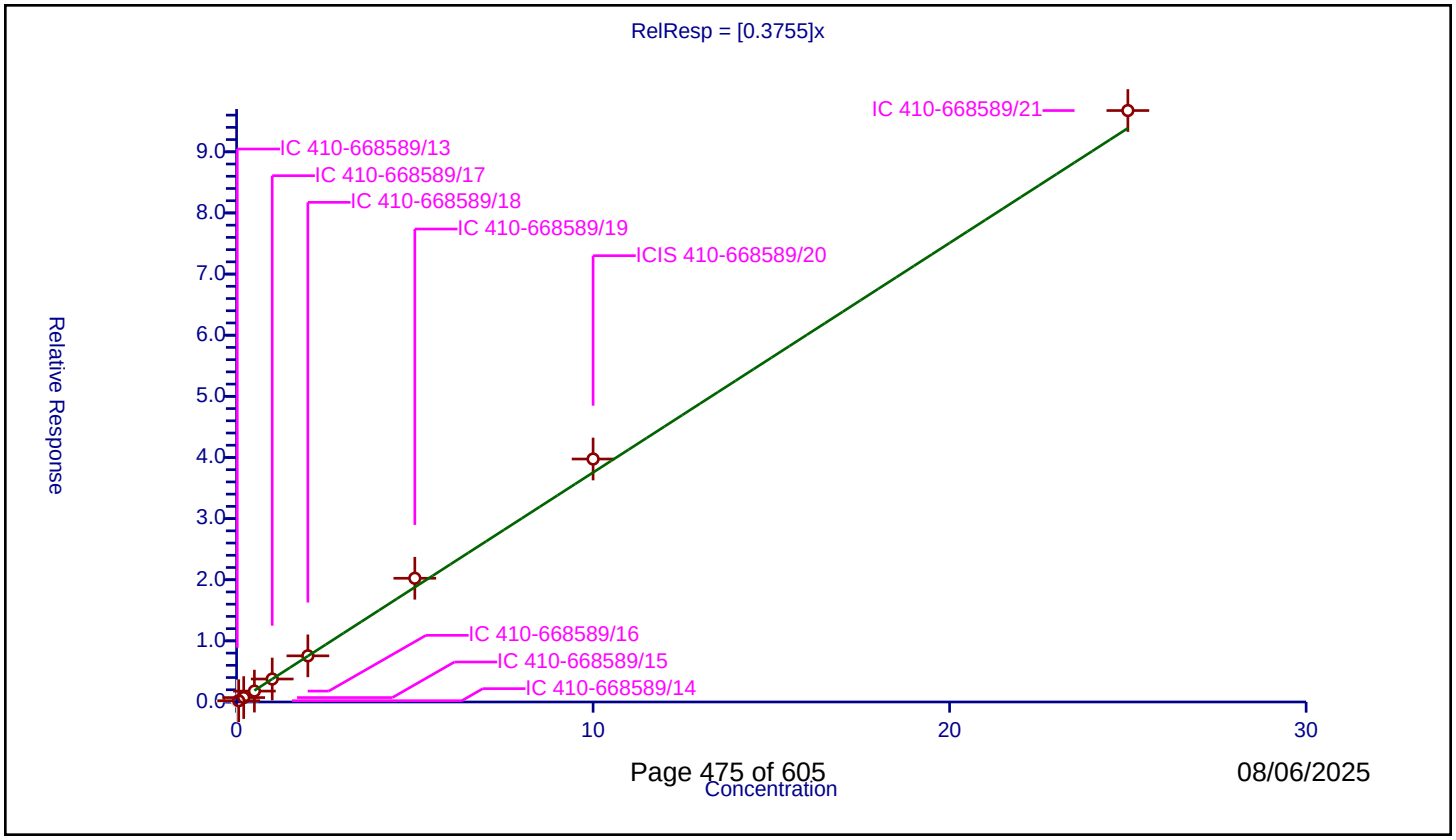
Curve Coefficients

Intercept:	0
Slope:	0.3755

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.015729	10.0	1331318.0	0.786439	N
2	IC 410-668589/14	0.06	0.020588	10.0	1330860.0	0.343137	Y
3	IC 410-668589/15	0.2	0.072199	10.0	1343086.0	0.360997	Y
4	IC 410-668589/16	0.5	0.178382	10.0	1338143.0	0.356763	Y
5	IC 410-668589/17	1.0	0.37599	10.0	1360861.0	0.37599	Y
6	IC 410-668589/18	2.0	0.754991	10.0	1372931.0	0.377495	Y
7	IC 410-668589/19	5.0	2.023844	10.0	1379202.0	0.404769	Y
8	ICIS 410-668589/20	10.0	3.97451	10.0	1396688.0	0.397451	Y
9	IC 410-668589/21	25.0	9.675256	10.0	1417363.0	0.38701	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

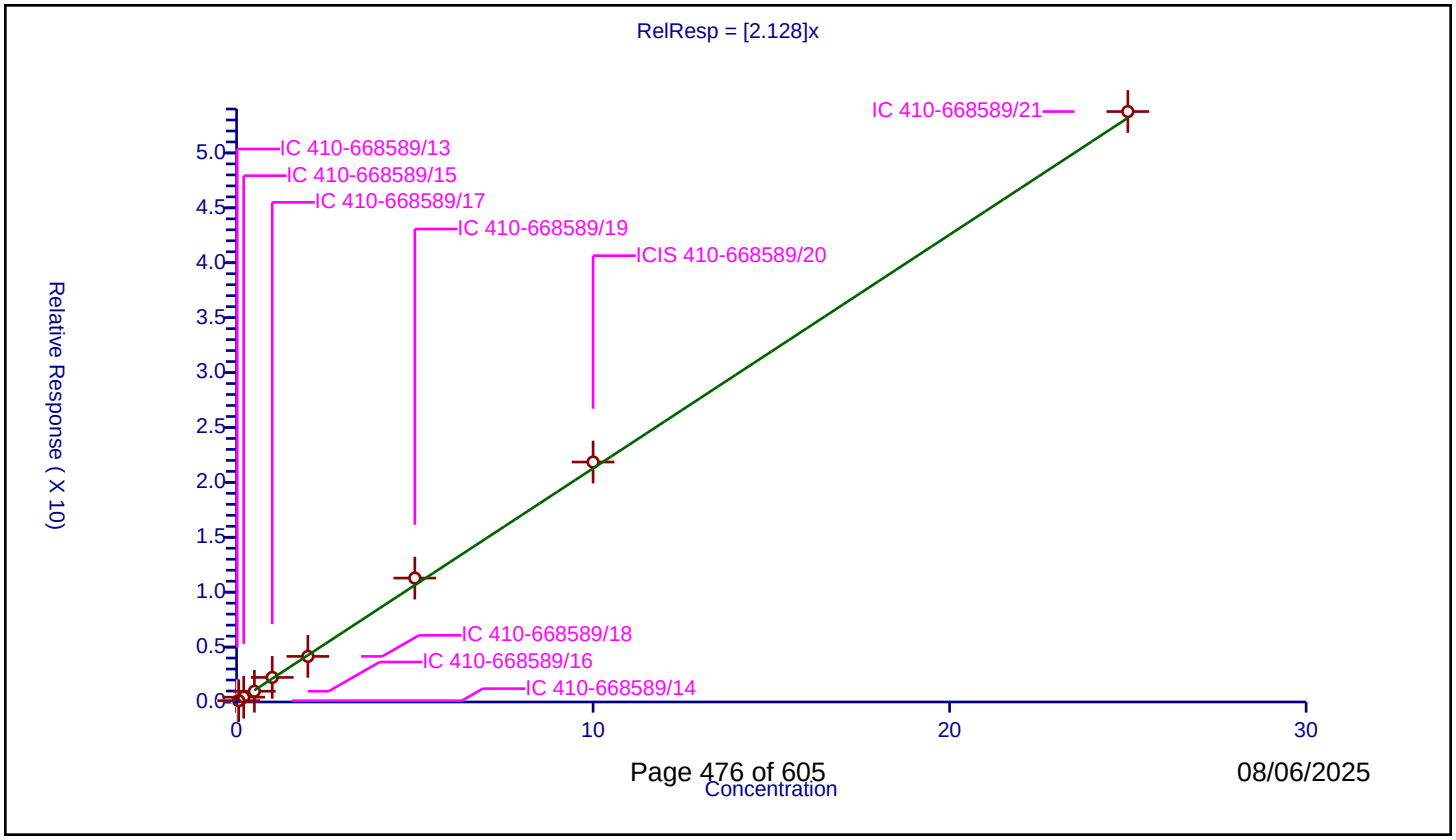
Curve Coefficients

Intercept:	0
Slope:	2.128

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.104956	10.0	1331318.0	5.247807	N
2	IC 410-668589/14	0.06	0.118029	10.0	1330860.0	1.967149	Y
3	IC 410-668589/15	0.2	0.437455	10.0	1343086.0	2.187276	Y
4	IC 410-668589/16	0.5	0.980254	10.0	1338143.0	1.960508	Y
5	IC 410-668589/17	1.0	2.238583	10.0	1360861.0	2.238583	Y
6	IC 410-668589/18	2.0	4.15058	10.0	1372931.0	2.07529	Y
7	IC 410-668589/19	5.0	11.284504	10.0	1379202.0	2.256901	Y
8	ICIS 410-668589/20	10.0	21.852891	10.0	1396688.0	2.185289	Y
9	IC 410-668589/21	25.0	53.769232	10.0	1417363.0	2.150769	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

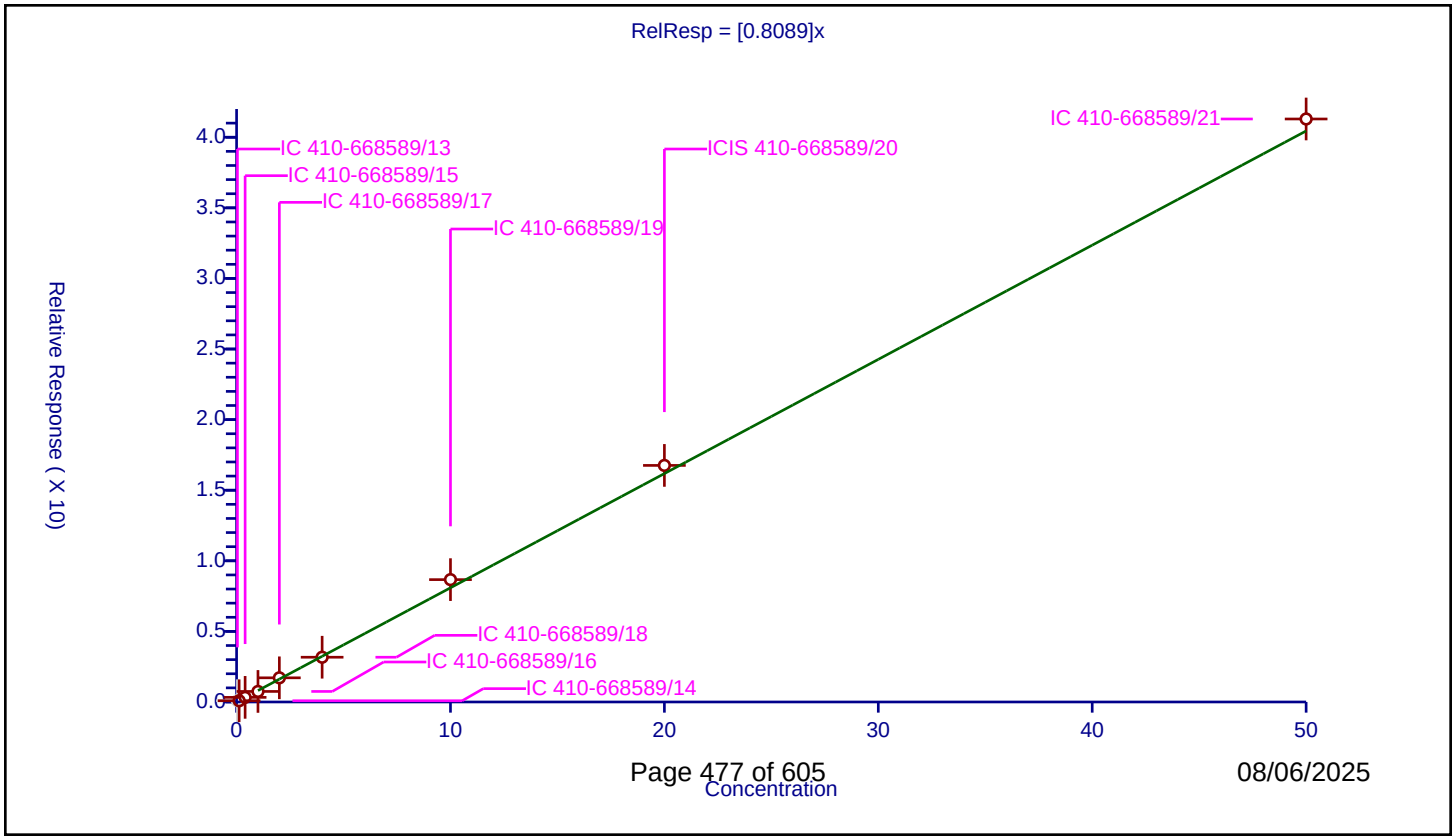
Curve Coefficients

Intercept:	0
Slope:	0.8089

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.04	0.091706	10.0	1331318.0	2.292653	N
2	IC 410-668589/14	0.12	0.087117	10.0	1330860.0	0.725972	Y
3	IC 410-668589/15	0.4	0.32776	10.0	1343086.0	0.8194	Y
4	IC 410-668589/16	1.0	0.747073	10.0	1338143.0	0.747073	Y
5	IC 410-668589/17	2.0	1.71174	10.0	1360861.0	0.85587	Y
6	IC 410-668589/18	4.0	3.170356	10.0	1372931.0	0.792589	Y
7	IC 410-668589/19	10.0	8.666519	10.0	1379202.0	0.866652	Y
8	ICIS 410-668589/20	20.0	16.75609	10.0	1396688.0	0.837805	Y
9	IC 410-668589/21	50.0	41.292852	10.0	1417363.0	0.825857	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

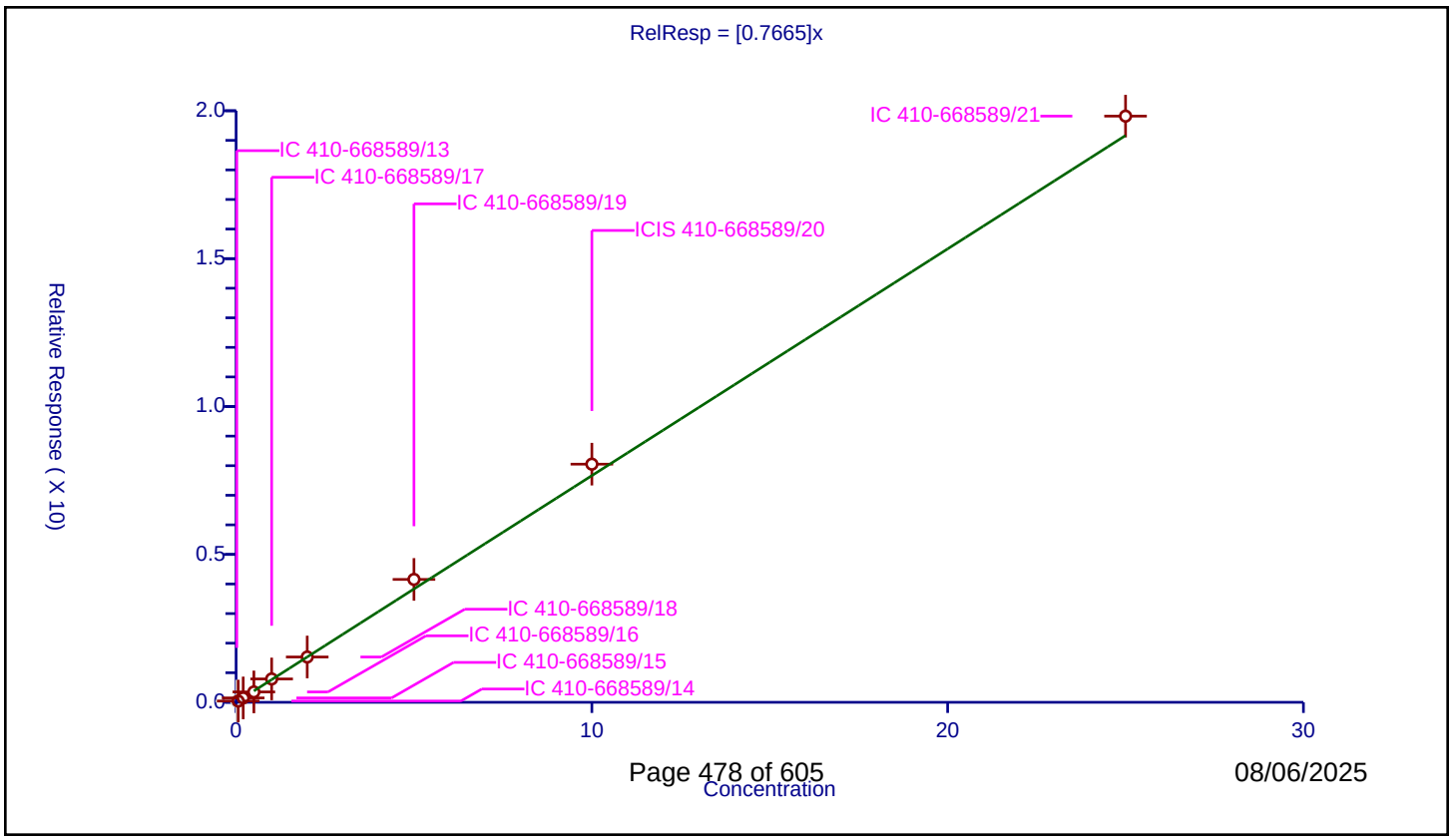
Curve Coefficients

Intercept:	0
Slope:	0.7665

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.042064	10.0	1331318.0	2.103179	N
2	IC 410-668589/14	0.06	0.042266	10.0	1330860.0	0.704432	Y
3	IC 410-668589/15	0.2	0.147921	10.0	1343086.0	0.739603	Y
4	IC 410-668589/16	0.5	0.351435	10.0	1338143.0	0.70287	Y
5	IC 410-668589/17	1.0	0.790015	10.0	1360861.0	0.790015	Y
6	IC 410-668589/18	2.0	1.53216	10.0	1372931.0	0.76608	Y
7	IC 410-668589/19	5.0	4.155178	10.0	1379202.0	0.831036	Y
8	ICIS 410-668589/20	10.0	8.051891	10.0	1396688.0	0.805189	Y
9	IC 410-668589/21	25.0	19.818353	10.0	1417363.0	0.792734	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

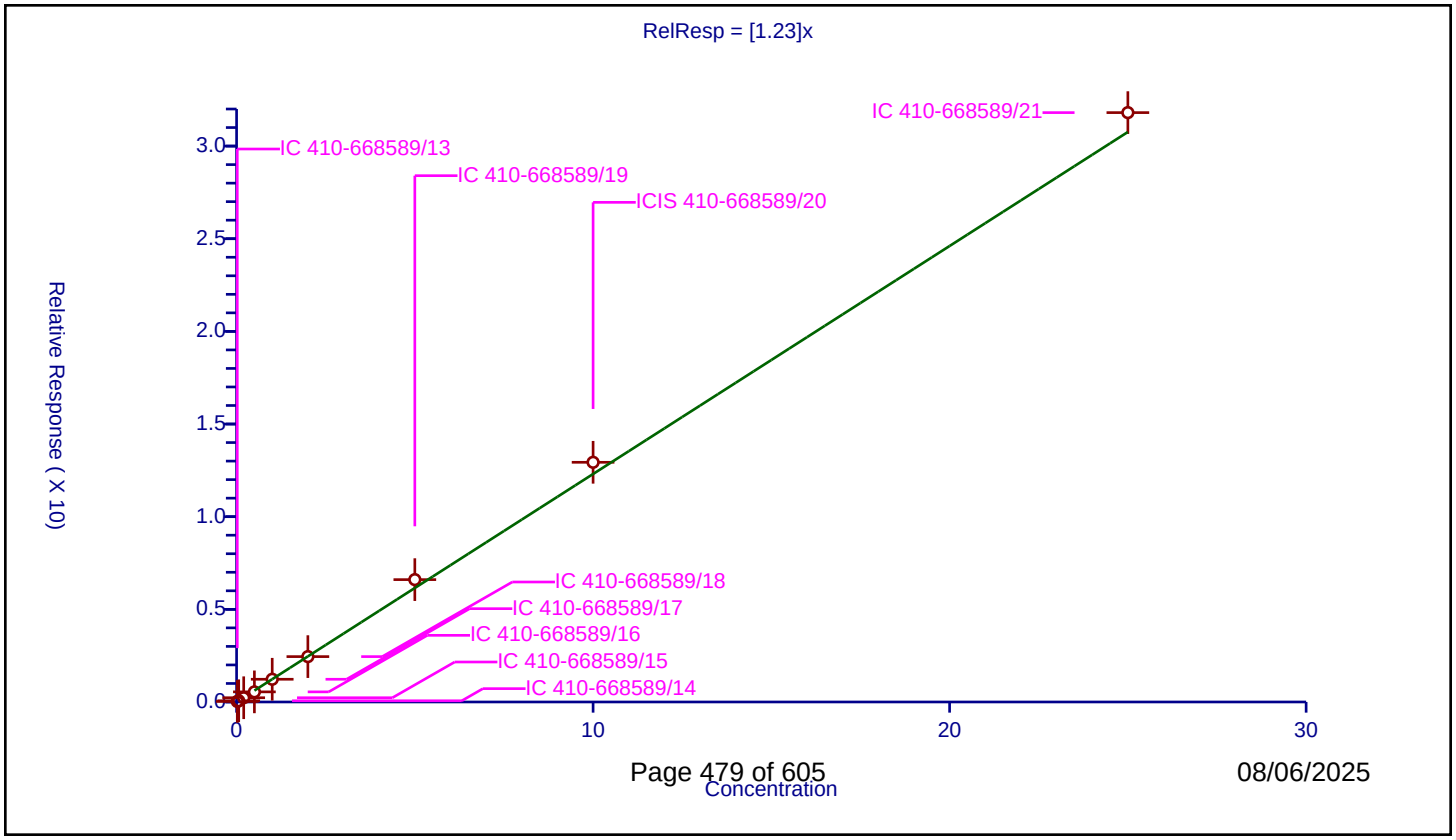
Curve Coefficients

Intercept:	0
Slope:	1.23

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.028107	10.0	1331318.0	1.405374	Y
2	IC 410-668589/14	0.06	0.065604	10.0	1330860.0	1.093403	Y
3	IC 410-668589/15	0.2	0.22936	10.0	1343086.0	1.146799	Y
4	IC 410-668589/16	0.5	0.545495	10.0	1338143.0	1.09099	Y
5	IC 410-668589/17	1.0	1.226319	10.0	1360861.0	1.226319	Y
6	IC 410-668589/18	2.0	2.448535	10.0	1372931.0	1.224268	Y
7	IC 410-668589/19	5.0	6.603652	10.0	1379202.0	1.32073	Y
8	ICIS 410-668589/20	10.0	12.934907	10.0	1396688.0	1.293491	Y
9	IC 410-668589/21	25.0	31.805705	10.0	1417363.0	1.272228	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

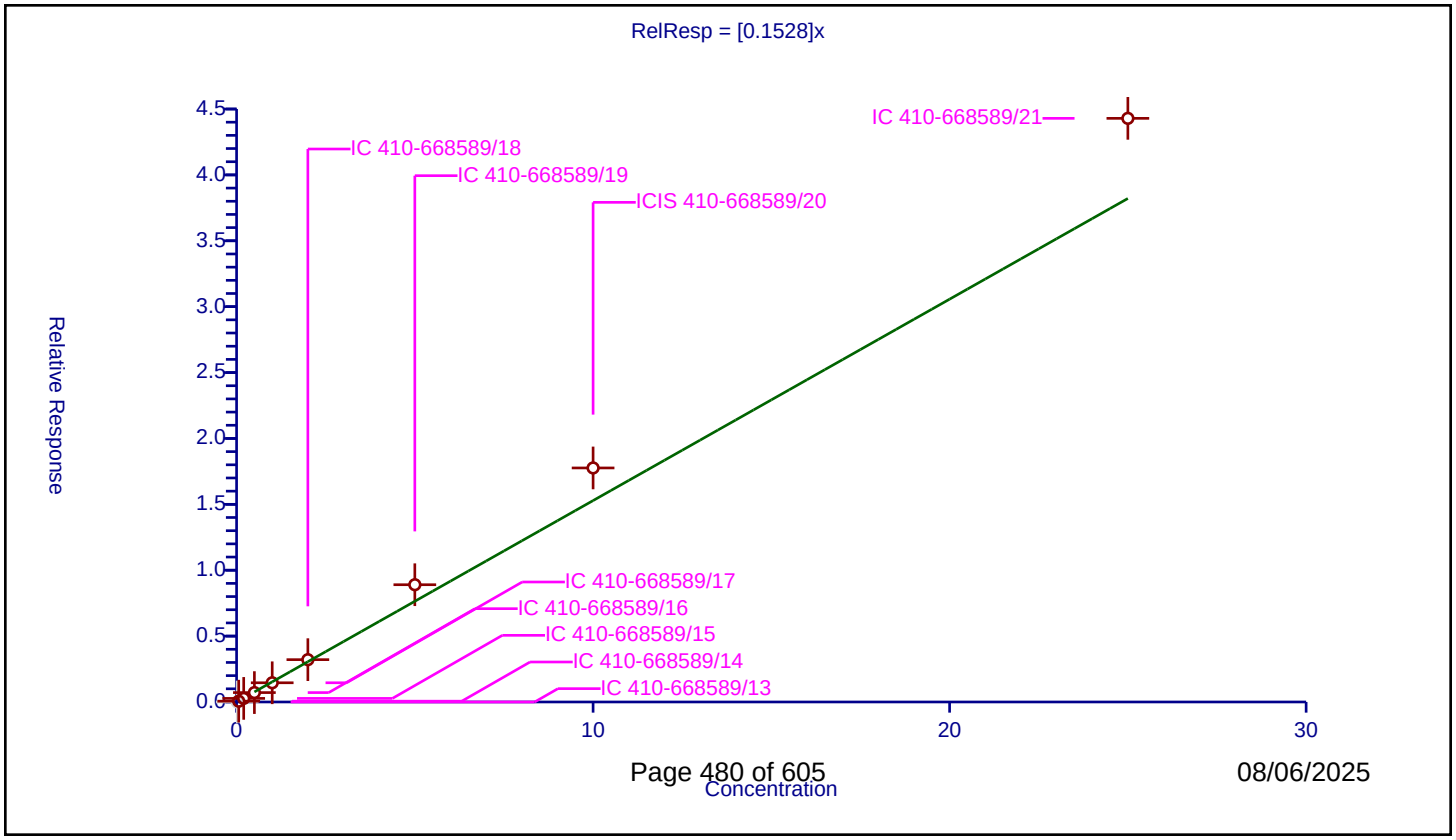
Curve Coefficients

Intercept:	0
Slope:	0.1528

Error Coefficients

Relative Standard Deviation:	16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.0	10.0	1331318.0	0.0	N
2	IC 410-668589/14	0.06	0.006259	10.0	1330860.0	0.104319	Y
3	IC 410-668589/15	0.2	0.02728	10.0	1343086.0	0.136402	Y
4	IC 410-668589/16	0.5	0.071427	10.0	1338143.0	0.142855	Y
5	IC 410-668589/17	1.0	0.145834	10.0	1360861.0	0.145834	Y
6	IC 410-668589/18	2.0	0.32116	10.0	1372931.0	0.16058	Y
7	IC 410-668589/19	5.0	0.89	10.0	1379202.0	0.178	Y
8	ICIS 410-668589/20	10.0	1.776059	10.0	1396688.0	0.177606	Y
9	IC 410-668589/21	25.0	4.429141	10.0	1417363.0	0.177166	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

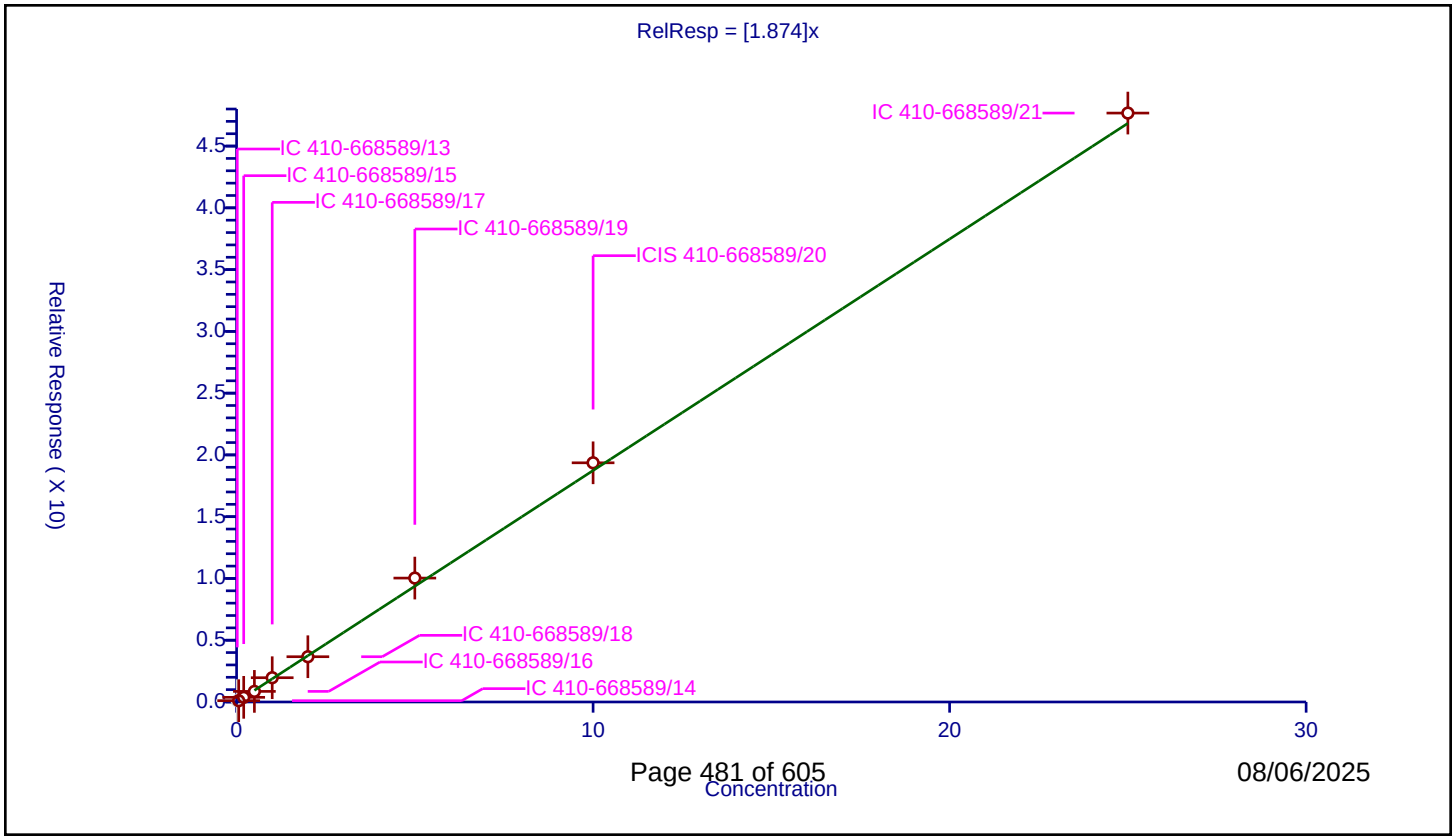
Curve Coefficients

Intercept:	0
Slope:	1.874

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.105557	10.0	1331318.0	5.277852	N
2	IC 410-668589/14	0.06	0.104632	10.0	1330860.0	1.74386	Y
3	IC 410-668589/15	0.2	0.376878	10.0	1343086.0	1.884392	Y
4	IC 410-668589/16	0.5	0.857382	10.0	1338143.0	1.714764	Y
5	IC 410-668589/17	1.0	1.965153	10.0	1360861.0	1.965153	Y
6	IC 410-668589/18	2.0	3.664481	10.0	1372931.0	1.832241	Y
7	IC 410-668589/19	5.0	10.030815	10.0	1379202.0	2.006163	Y
8	ICIS 410-668589/20	10.0	19.362084	10.0	1396688.0	1.936208	Y
9	IC 410-668589/21	25.0	47.671225	10.0	1417363.0	1.906849	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

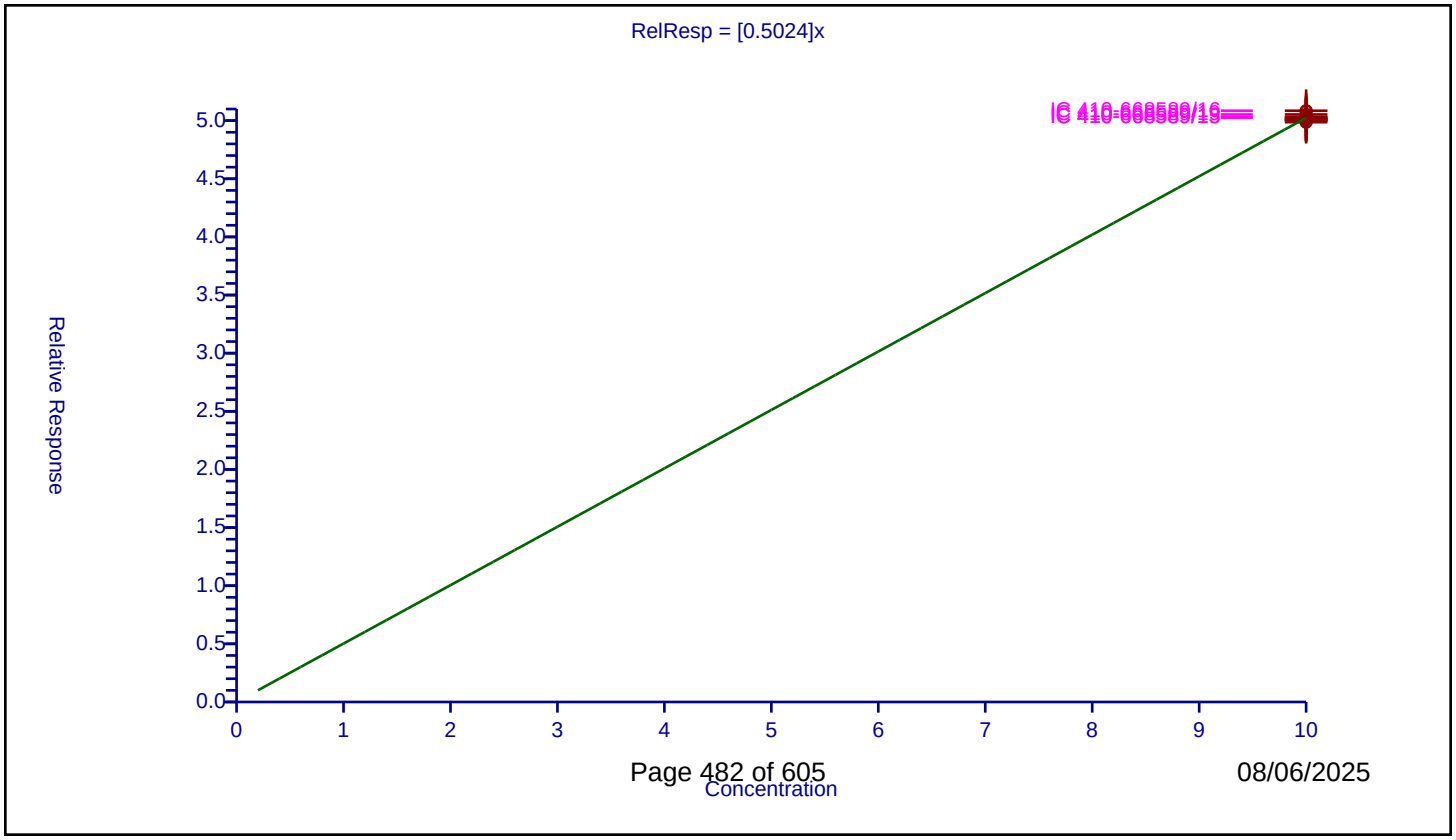
Curve Coefficients

Intercept:	0
Slope:	0.5024

Error Coefficients

Relative Standard Deviation:	0.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/21	10.0	4.986747	10.0	1417363.0	0.498675	Y
2	ICIS 410-668589/20	10.0	5.006236	10.0	1396688.0	0.500624	Y
3	IC 410-668589/19	10.0	5.052994	10.0	1379202.0	0.505299	Y
4	IC 410-668589/18	10.0	5.005889	10.0	1372931.0	0.500589	Y
5	IC 410-668589/17	10.0	5.018411	10.0	1360861.0	0.501841	Y
6	IC 410-668589/16	10.0	5.085025	10.0	1338143.0	0.508502	Y
7	IC 410-668589/15	10.0	5.029335	10.0	1343086.0	0.502934	Y
8	IC 410-668589/14	10.0	5.001428	10.0	1330860.0	0.500143	Y
9	IC 410-668589/13	10.0	5.026357	10.0	1331318.0	0.502636	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

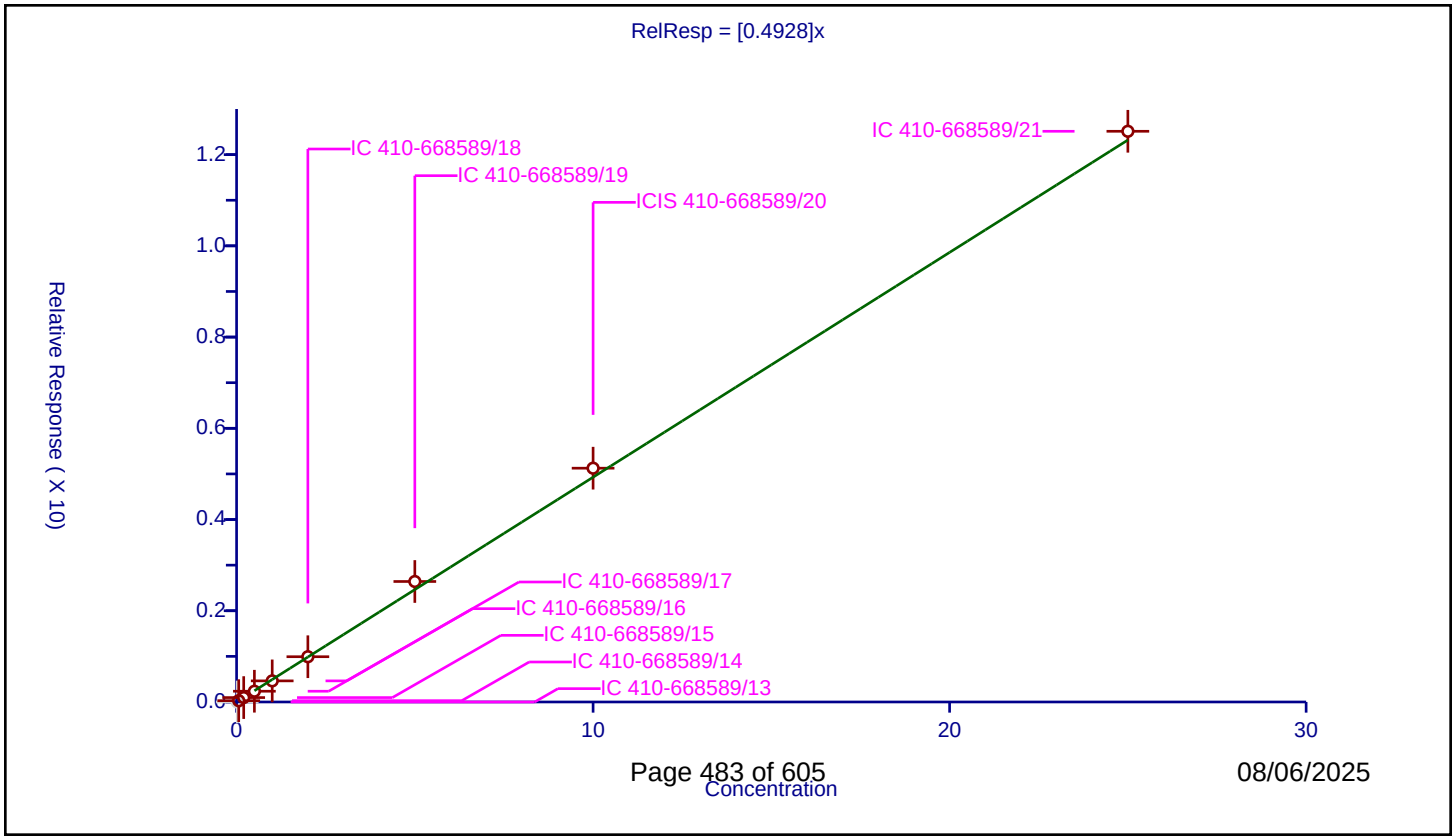
Curve Coefficients

Intercept:	0
Slope:	0.4928

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.0	10.0	735717.0	0.0	N
2	IC 410-668589/14	0.06	0.029152	10.0	739240.0	0.485859	Y
3	IC 410-668589/15	0.2	0.096922	10.0	743381.0	0.48461	Y
4	IC 410-668589/16	0.5	0.23589	10.0	746831.0	0.47178	Y
5	IC 410-668589/17	1.0	0.462702	10.0	755195.0	0.462702	Y
6	IC 410-668589/18	2.0	0.992352	10.0	762844.0	0.496176	Y
7	IC 410-668589/19	5.0	2.641541	10.0	766613.0	0.528308	Y
8	ICIS 410-668589/20	10.0	5.125751	10.0	775184.0	0.512575	Y
9	IC 410-668589/21	25.0	12.512098	10.0	787338.0	0.500484	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

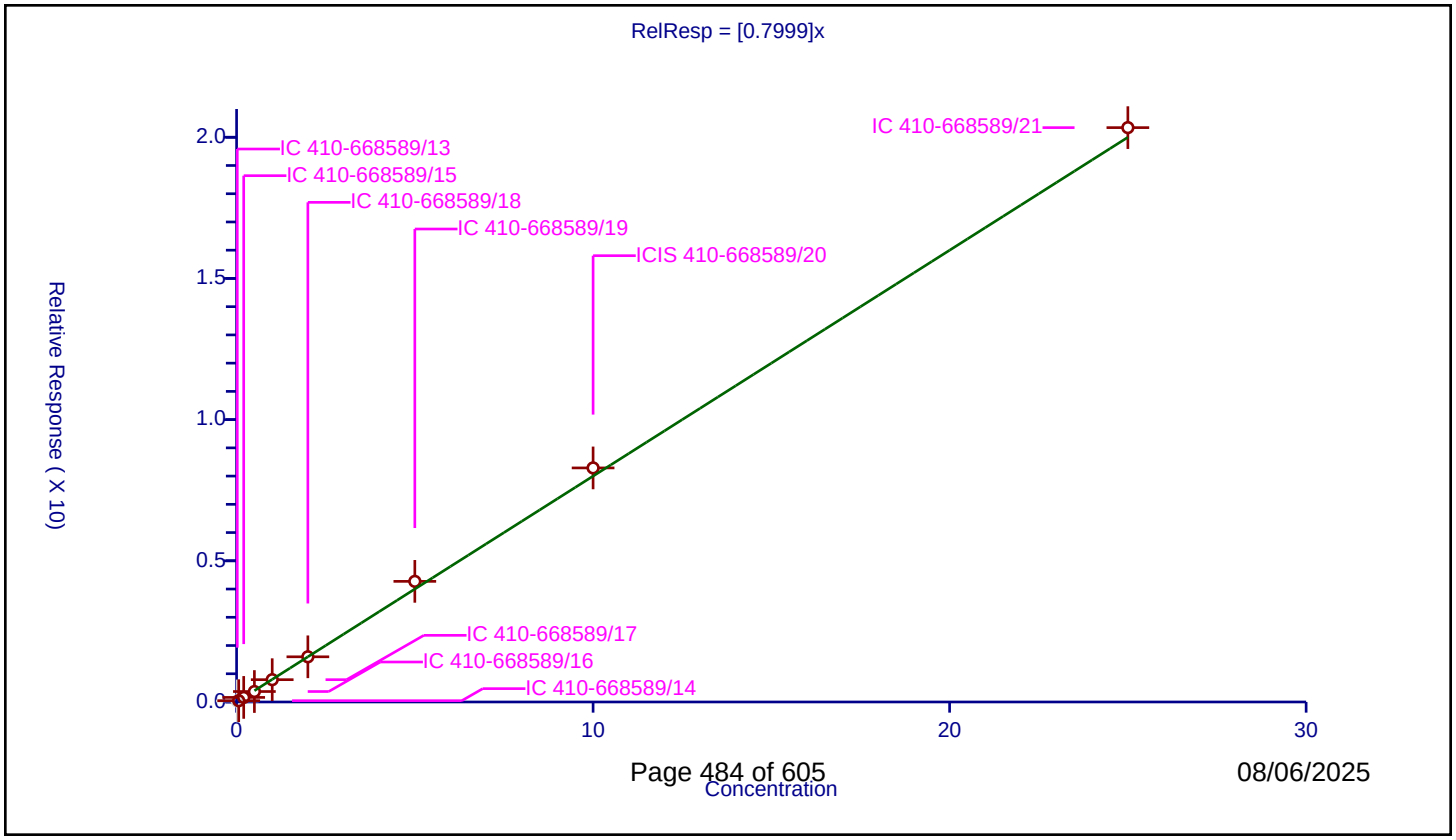
Curve Coefficients

Intercept:	0
Slope:	0.7999

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.03625	10.0	735717.0	1.812518	N
2	IC 410-668589/14	0.06	0.045696	10.0	739240.0	0.761593	Y
3	IC 410-668589/15	0.2	0.161855	10.0	743381.0	0.809275	Y
4	IC 410-668589/16	0.5	0.370606	10.0	746831.0	0.741212	Y
5	IC 410-668589/17	1.0	0.790312	10.0	755195.0	0.790312	Y
6	IC 410-668589/18	2.0	1.600314	10.0	762844.0	0.800157	Y
7	IC 410-668589/19	5.0	4.27209	10.0	766613.0	0.854418	Y
8	ICIS 410-668589/20	10.0	8.28949	10.0	775184.0	0.828949	Y
9	IC 410-668589/21	25.0	20.340857	10.0	787338.0	0.813634	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

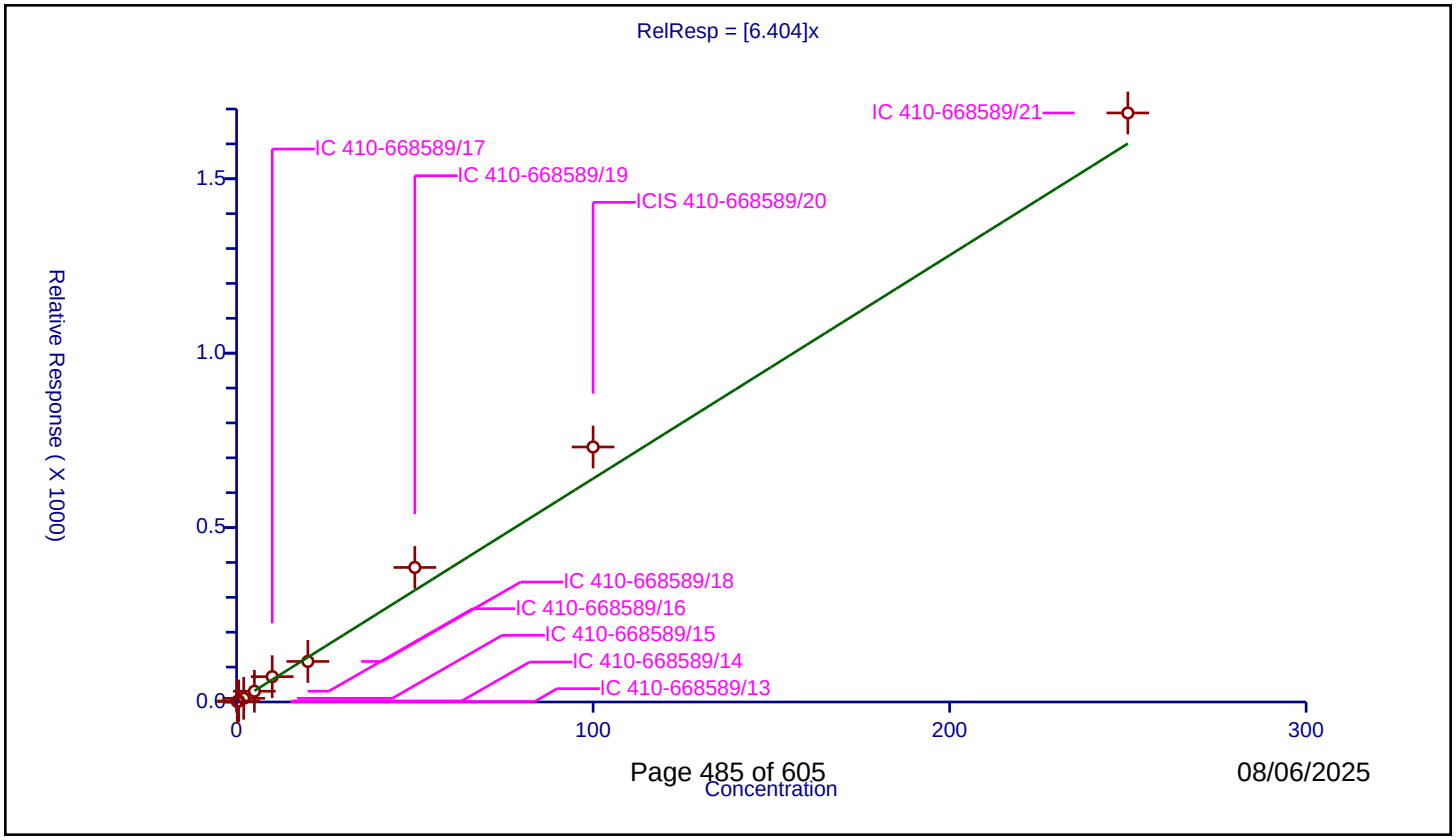
Curve Coefficients

Intercept:	0
Slope:	6.404

Error Coefficients

Relative Standard Deviation:	14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.2	1.265857	50.0	73626.0	6.329286	Y
2	IC 410-668589/14	0.6	2.992023	50.0	80230.0	4.986705	Y
3	IC 410-668589/15	2.0	10.587931	50.0	83156.0	5.293966	Y
4	IC 410-668589/16	5.0	30.829933	50.0	72295.0	6.165987	Y
5	IC 410-668589/17	10.0	72.650212	50.0	64825.0	7.265021	Y
6	IC 410-668589/18	20.0	116.216819	50.0	87437.0	5.810841	Y
7	IC 410-668589/19	50.0	385.733541	50.0	71966.0	7.714671	Y
8	ICIS 410-668589/20	100.0	731.051354	50.0	75826.0	7.310514	Y
9	IC 410-668589/21	250.0	1688.696875	50.0	82517.0	6.754787	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

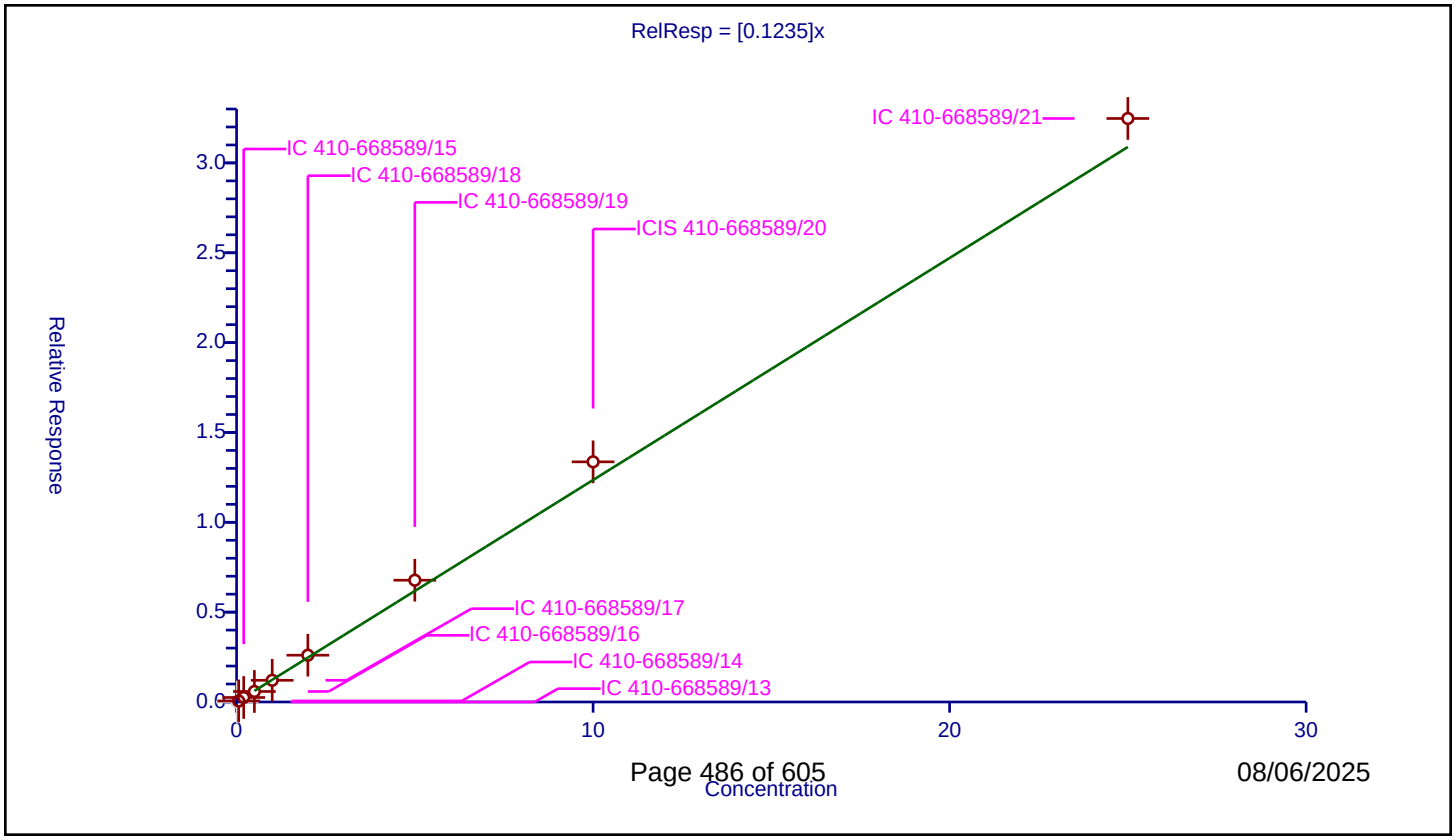
Curve Coefficients

Intercept:	0
Slope:	0.1235

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.0	10.0	735717.0	0.0	N
2	IC 410-668589/14	0.06	0.00579	10.0	739240.0	0.096495	Y
3	IC 410-668589/15	0.2	0.024967	10.0	743381.0	0.124835	Y
4	IC 410-668589/16	0.5	0.058567	10.0	746831.0	0.117135	Y
5	IC 410-668589/17	1.0	0.120658	10.0	755195.0	0.120658	Y
6	IC 410-668589/18	2.0	0.260342	10.0	762844.0	0.130171	Y
7	IC 410-668589/19	5.0	0.677656	10.0	766613.0	0.135531	Y
8	ICIS 410-668589/20	10.0	1.336431	10.0	775184.0	0.133643	Y
9	IC 410-668589/21	25.0	3.24736	10.0	787338.0	0.129894	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

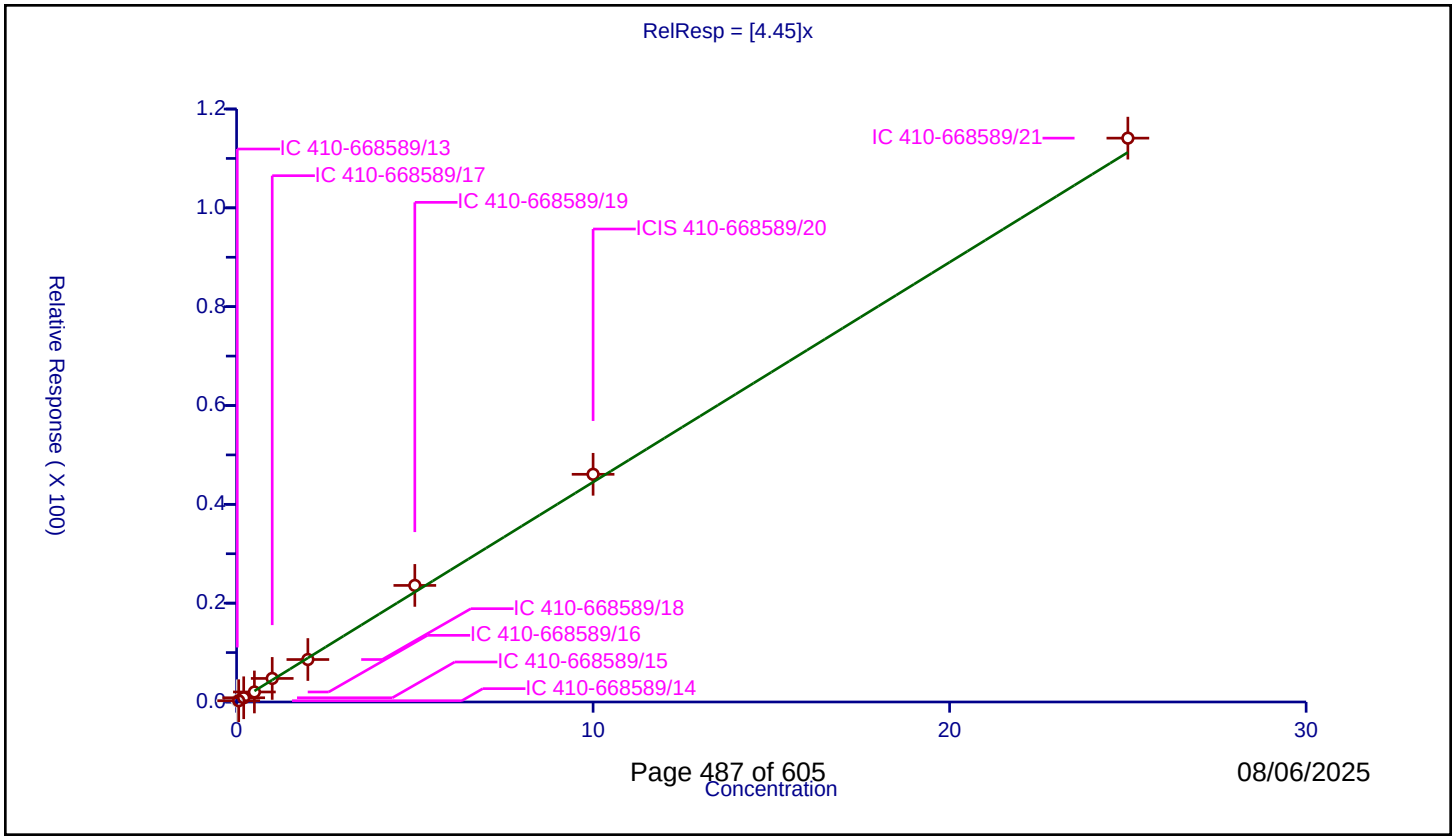
Curve Coefficients

Intercept:	0
Slope:	4.45

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.242335	10.0	735717.0	12.116751	N
2	IC 410-668589/14	0.06	0.257968	10.0	739240.0	4.299461	Y
3	IC 410-668589/15	0.2	0.857232	10.0	743381.0	4.28616	Y
4	IC 410-668589/16	0.5	2.027915	10.0	746831.0	4.055831	Y
5	IC 410-668589/17	1.0	4.767444	10.0	755195.0	4.767444	Y
6	IC 410-668589/18	2.0	8.592871	10.0	762844.0	4.296435	Y
7	IC 410-668589/19	5.0	23.593156	10.0	766613.0	4.718631	Y
8	ICIS 410-668589/20	10.0	46.080582	10.0	775184.0	4.608058	Y
9	IC 410-668589/21	25.0	114.105733	10.0	787338.0	4.564229	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

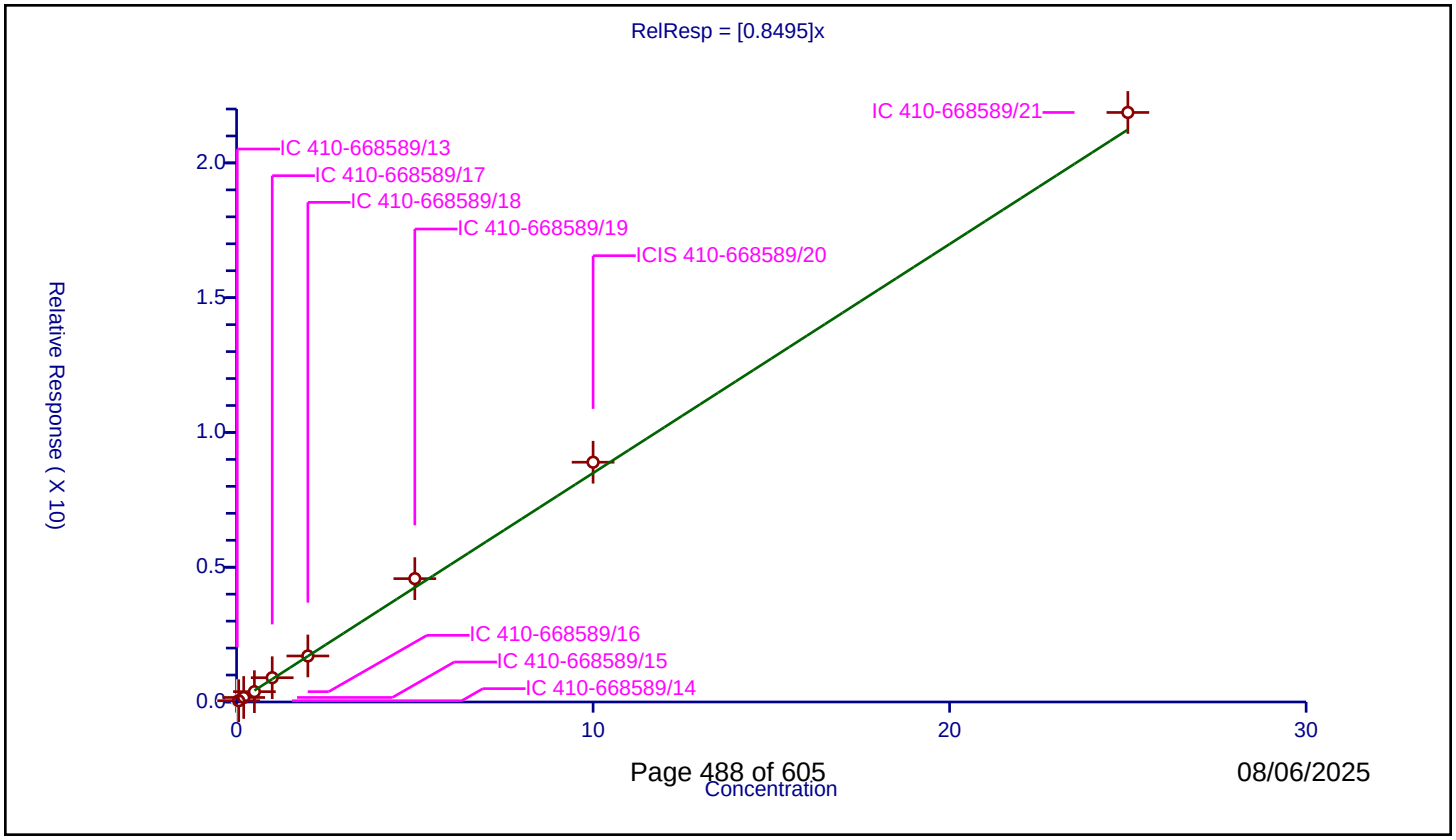
Curve Coefficients

Intercept:	0
Slope:	0.8495

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.047817	10.0	735717.0	2.390865	N
2	IC 410-668589/14	0.06	0.045533	10.0	739240.0	0.758888	Y
3	IC 410-668589/15	0.2	0.167196	10.0	743381.0	0.835978	Y
4	IC 410-668589/16	0.5	0.383353	10.0	746831.0	0.766706	Y
5	IC 410-668589/17	1.0	0.900999	10.0	755195.0	0.900999	Y
6	IC 410-668589/18	2.0	1.706679	10.0	762844.0	0.85334	Y
7	IC 410-668589/19	5.0	4.576194	10.0	766613.0	0.915239	Y
8	ICIS 410-668589/20	10.0	8.895707	10.0	775184.0	0.889571	Y
9	IC 410-668589/21	25.0	21.872118	10.0	787338.0	0.874885	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

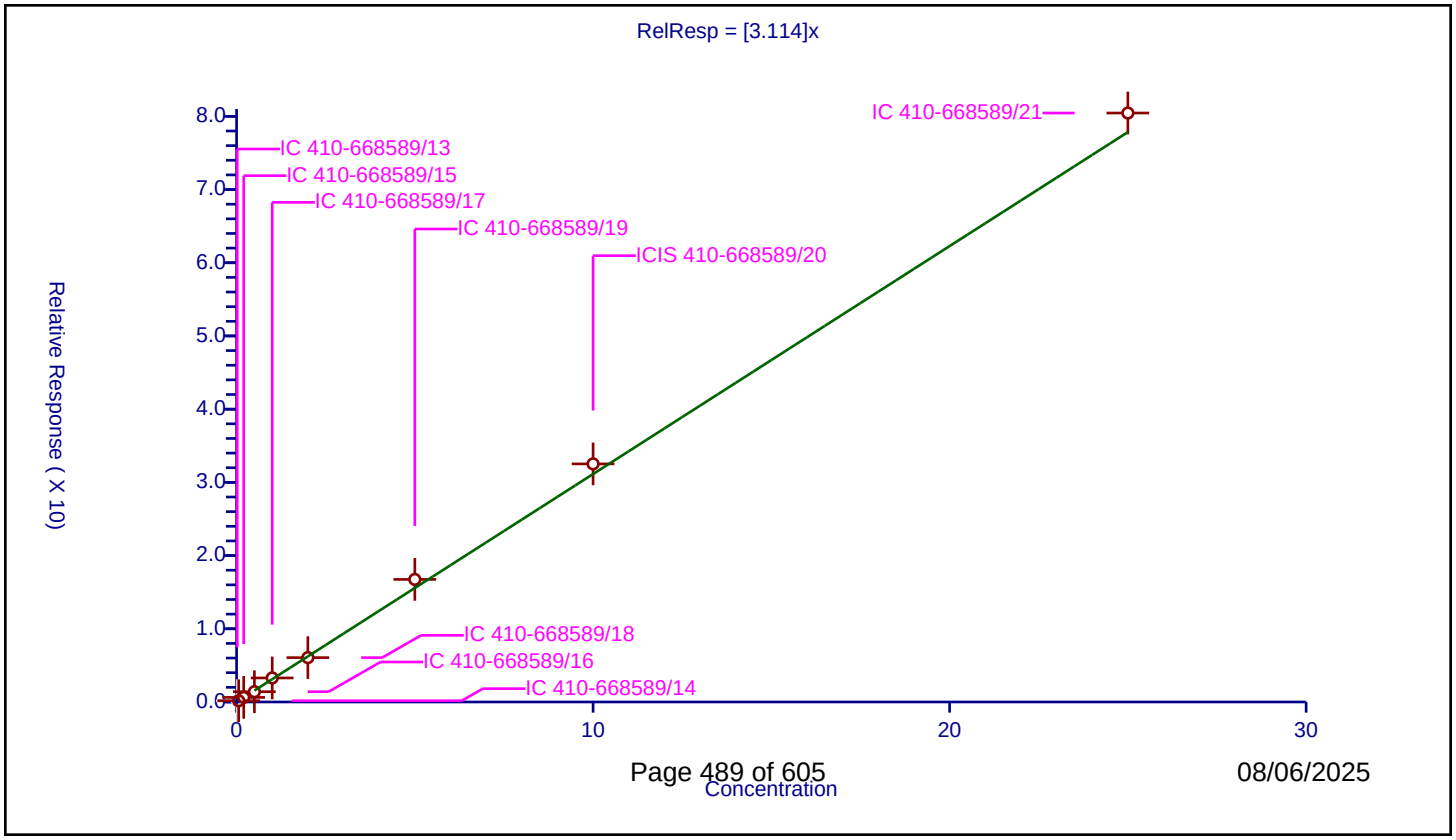
Curve Coefficients

Intercept:	0
Slope:	3.114

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.178397	10.0	735717.0	8.91987	N
2	IC 410-668589/14	0.06	0.170621	10.0	739240.0	2.843686	Y
3	IC 410-668589/15	0.2	0.625063	10.0	743381.0	3.125315	Y
4	IC 410-668589/16	0.5	1.404762	10.0	746831.0	2.809525	Y
5	IC 410-668589/17	1.0	3.282199	10.0	755195.0	3.282199	Y
6	IC 410-668589/18	2.0	6.060872	10.0	762844.0	3.030436	Y
7	IC 410-668589/19	5.0	16.743207	10.0	766613.0	3.348641	Y
8	ICIS 410-668589/20	10.0	32.521892	10.0	775184.0	3.252189	Y
9	IC 410-668589/21	25.0	80.45236	10.0	787338.0	3.218094	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

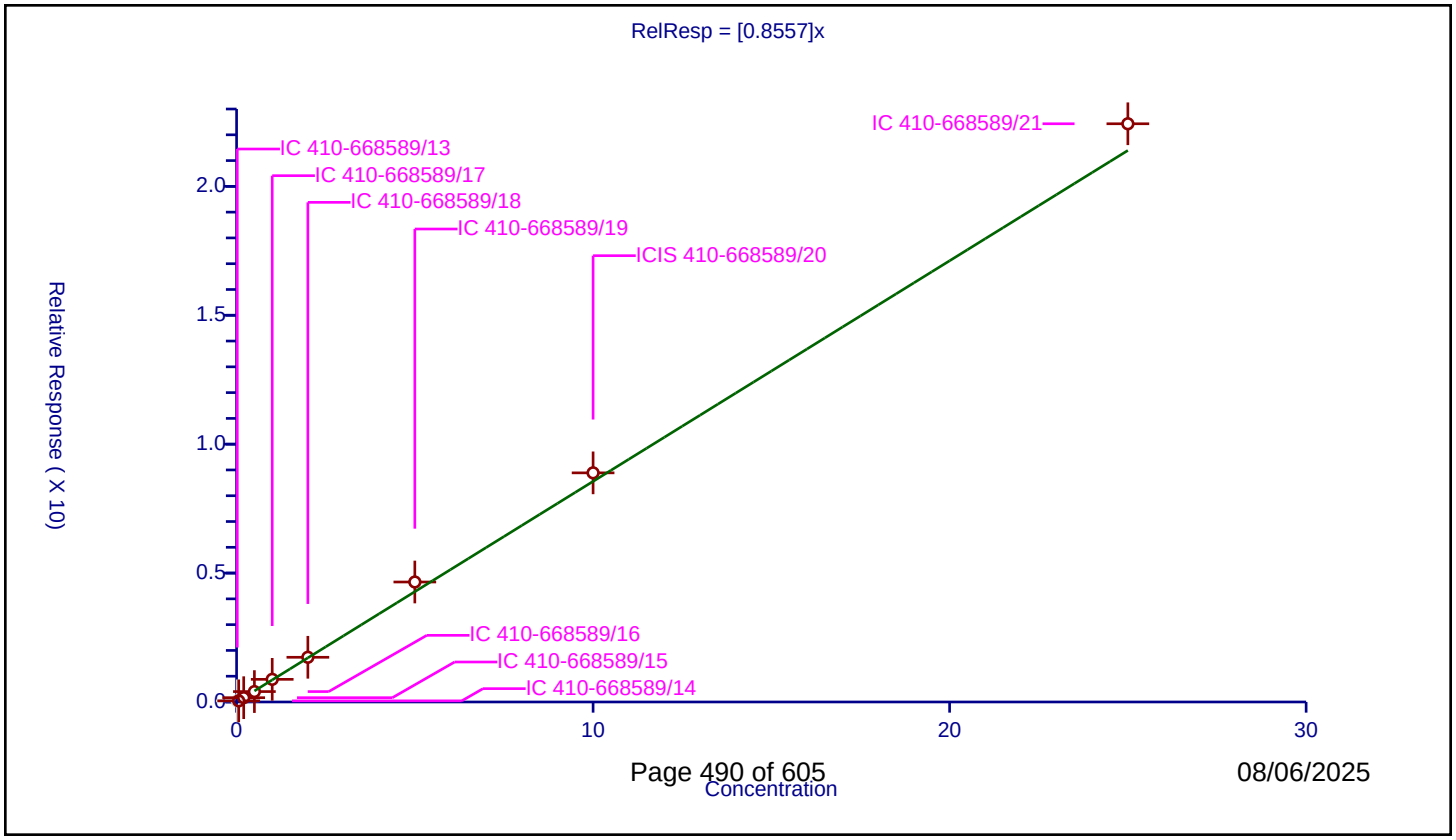
Curve Coefficients

Intercept:	0
Slope:	0.8557

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.043536	10.0	735717.0	2.176788	N
2	IC 410-668589/14	0.06	0.044438	10.0	739240.0	0.740626	Y
3	IC 410-668589/15	0.2	0.167142	10.0	743381.0	0.835709	Y
4	IC 410-668589/16	0.5	0.403545	10.0	746831.0	0.80709	Y
5	IC 410-668589/17	1.0	0.878382	10.0	755195.0	0.878382	Y
6	IC 410-668589/18	2.0	1.734234	10.0	762844.0	0.867117	Y
7	IC 410-668589/19	5.0	4.653965	10.0	766613.0	0.930793	Y
8	ICIS 410-668589/20	10.0	8.887838	10.0	775184.0	0.888784	Y
9	IC 410-668589/21	25.0	22.427674	10.0	787338.0	0.897107	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

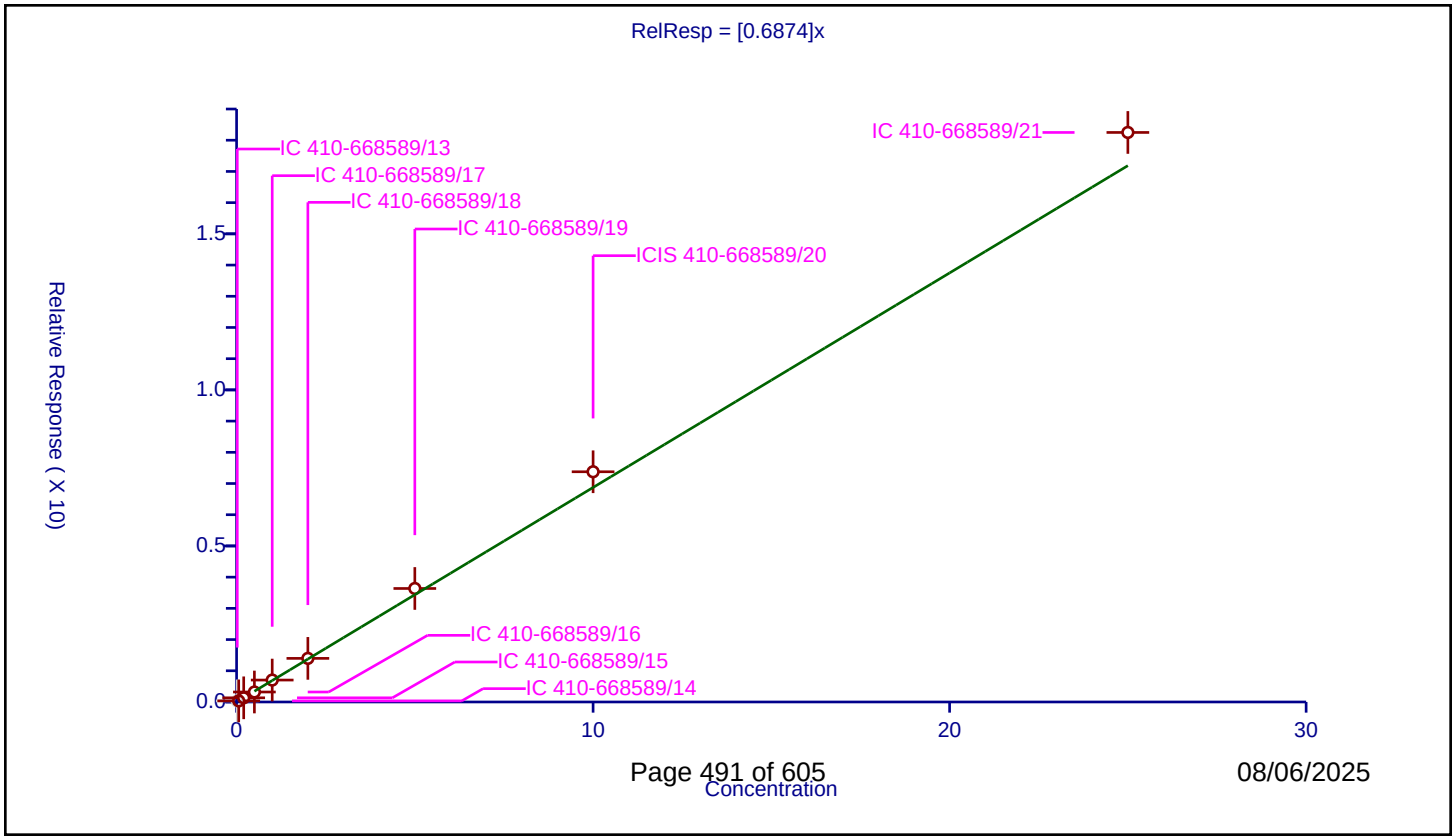
Curve Coefficients

Intercept:	0
Slope:	0.6874

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.035299	10.0	735717.0	1.764945	N
2	IC 410-668589/14	0.06	0.035685	10.0	739240.0	0.594755	Y
3	IC 410-668589/15	0.2	0.133552	10.0	743381.0	0.66776	Y
4	IC 410-668589/16	0.5	0.320059	10.0	746831.0	0.640118	Y
5	IC 410-668589/17	1.0	0.702931	10.0	755195.0	0.702931	Y
6	IC 410-668589/18	2.0	1.397075	10.0	762844.0	0.698537	Y
7	IC 410-668589/19	5.0	3.637363	10.0	766613.0	0.727473	Y
8	ICIS 410-668589/20	10.0	7.376765	10.0	775184.0	0.737676	Y
9	IC 410-668589/21	25.0	18.248973	10.0	787338.0	0.729959	Y



Calibration / Pentachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

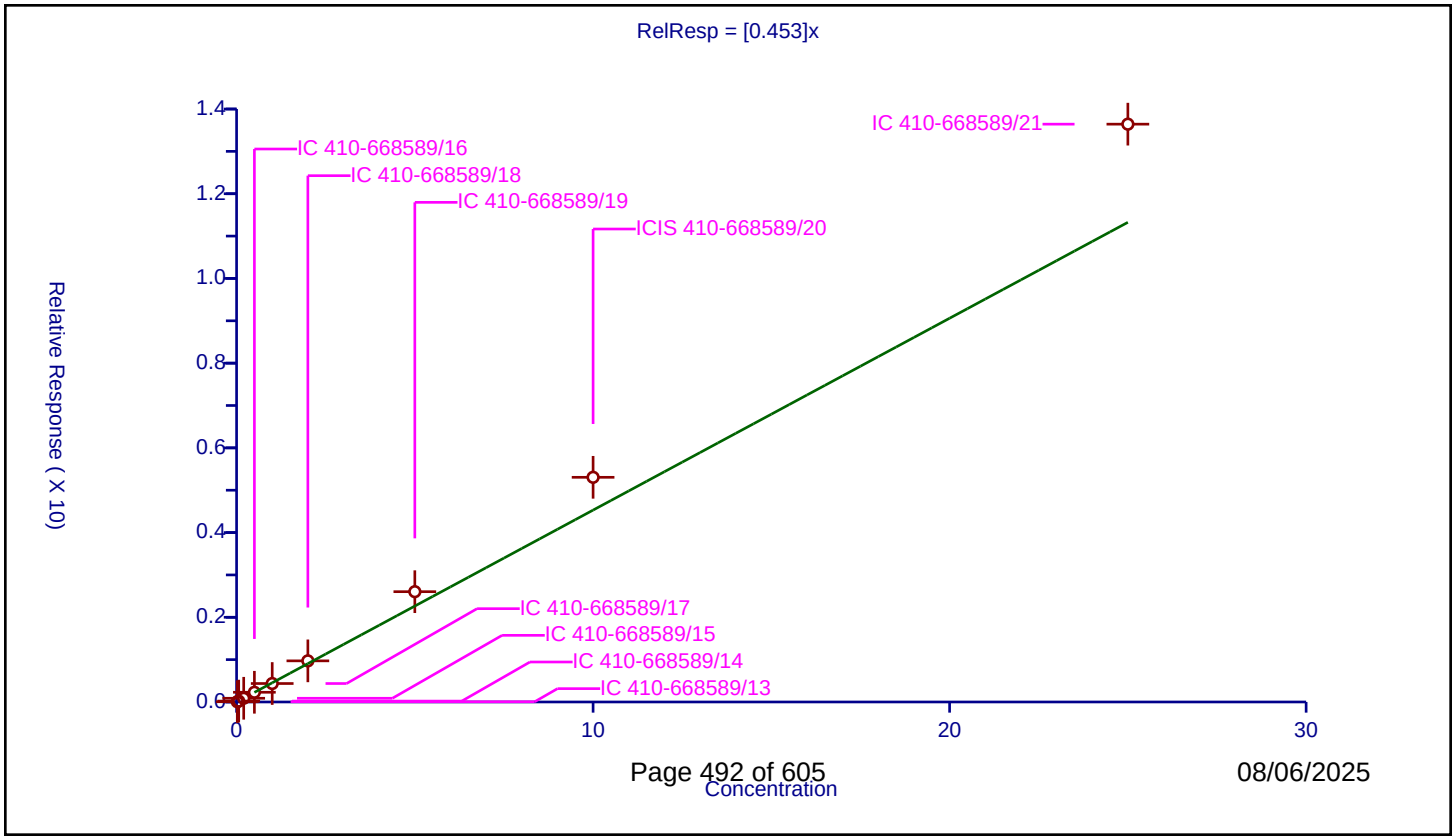
Curve Coefficients

Intercept:	0
Slope:	0.453

Error Coefficients

Relative Standard Deviation:	17.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.006171	10.0	735717.0	0.308543	Y
2	IC 410-668589/14	0.06	0.021076	10.0	739240.0	0.351262	Y
3	IC 410-668589/15	0.2	0.08795	10.0	743381.0	0.439748	Y
4	IC 410-668589/16	0.5	0.229409	10.0	746831.0	0.458819	Y
5	IC 410-668589/17	1.0	0.435914	10.0	755195.0	0.435914	Y
6	IC 410-668589/18	2.0	0.97126	10.0	762844.0	0.48563	Y
7	IC 410-668589/19	5.0	2.6043	10.0	766613.0	0.52086	Y
8	ICIS 410-668589/20	10.0	5.304844	10.0	775184.0	0.530484	Y
9	IC 410-668589/21	25.0	13.642133	10.0	787338.0	0.545685	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

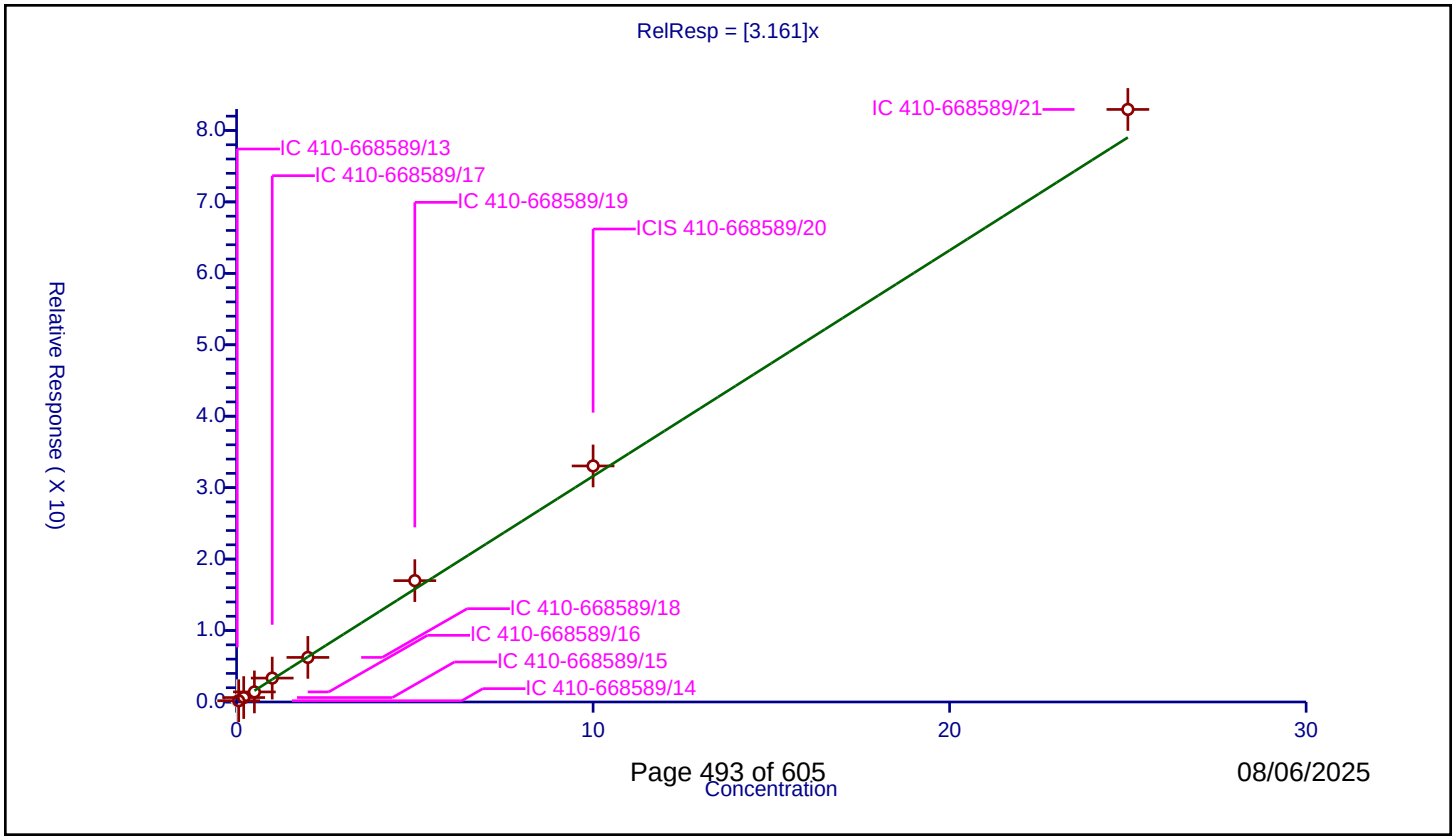
Curve Coefficients

Intercept:	0
Slope:	3.161

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.175176	10.0	735717.0	8.758803	N
2	IC 410-668589/14	0.06	0.17215	10.0	739240.0	2.869163	Y
3	IC 410-668589/15	0.2	0.622776	10.0	743381.0	3.113881	Y
4	IC 410-668589/16	0.5	1.409984	10.0	746831.0	2.819969	Y
5	IC 410-668589/17	1.0	3.346103	10.0	755195.0	3.346103	Y
6	IC 410-668589/18	2.0	6.239008	10.0	762844.0	3.119504	Y
7	IC 410-668589/19	5.0	16.986002	10.0	766613.0	3.3972	Y
8	ICIS 410-668589/20	10.0	33.039046	10.0	775184.0	3.303905	Y
9	IC 410-668589/21	25.0	82.939106	10.0	787338.0	3.317564	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

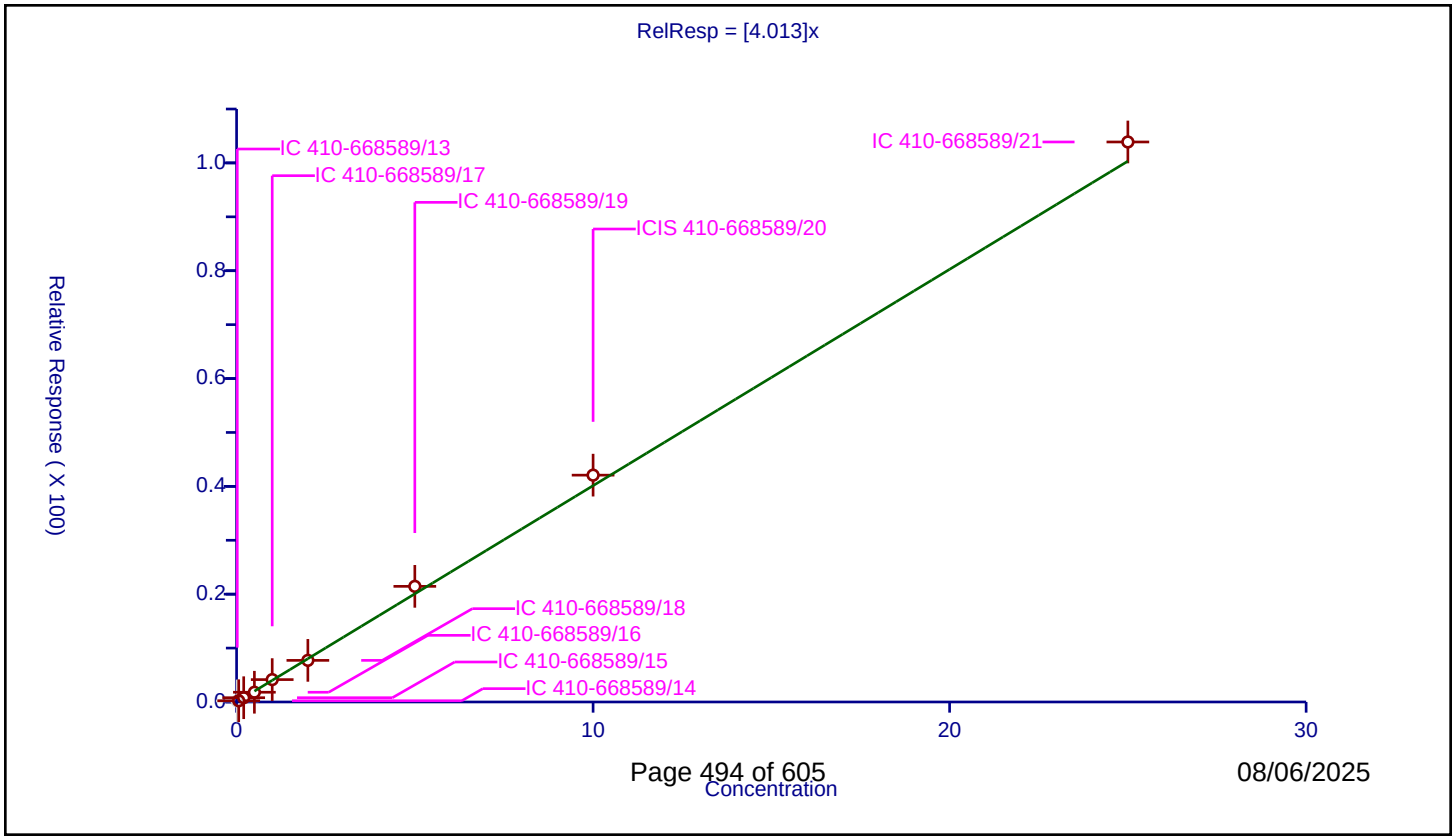
Curve Coefficients

Intercept:	0
Slope:	4.013

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.193159	10.0	735717.0	9.657926	N
2	IC 410-668589/14	0.06	0.231251	10.0	739240.0	3.854184	Y
3	IC 410-668589/15	0.2	0.792151	10.0	743381.0	3.960755	Y
4	IC 410-668589/16	0.5	1.810155	10.0	746831.0	3.62031	Y
5	IC 410-668589/17	1.0	4.154874	10.0	755195.0	4.154874	Y
6	IC 410-668589/18	2.0	7.719927	10.0	762844.0	3.859964	Y
7	IC 410-668589/19	5.0	21.450471	10.0	766613.0	4.290094	Y
8	ICIS 410-668589/20	10.0	42.07801	10.0	775184.0	4.207801	Y
9	IC 410-668589/21	25.0	103.886412	10.0	787338.0	4.155456	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

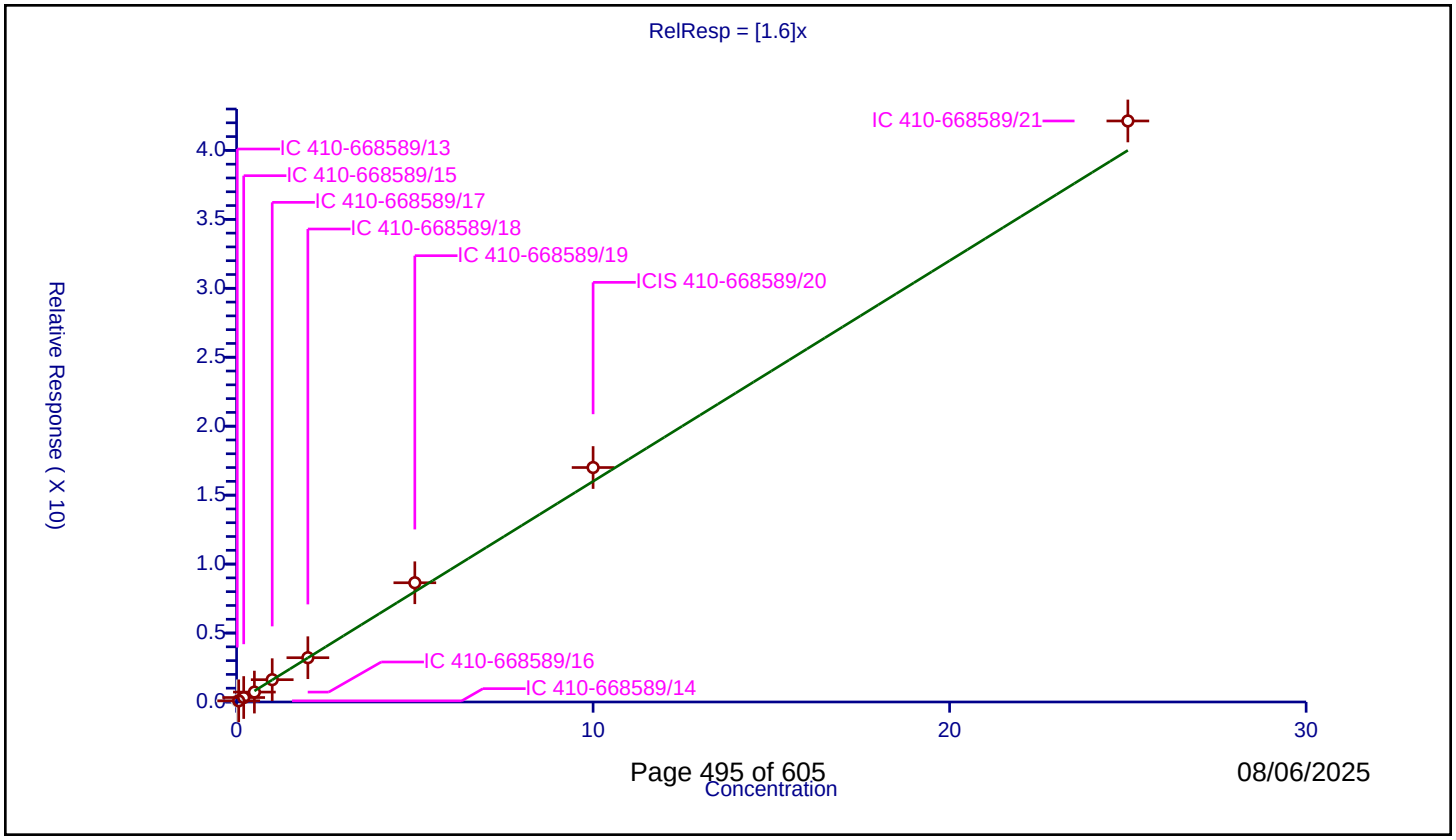
Curve Coefficients

Intercept:	0
Slope:	1.6

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.082858	10.0	735717.0	4.142897	N
2	IC 410-668589/14	0.06	0.084438	10.0	739240.0	1.407301	Y
3	IC 410-668589/15	0.2	0.324275	10.0	743381.0	1.621376	Y
4	IC 410-668589/16	0.5	0.717525	10.0	746831.0	1.43505	Y
5	IC 410-668589/17	1.0	1.617106	10.0	755195.0	1.617106	Y
6	IC 410-668589/18	2.0	3.210198	10.0	762844.0	1.605099	Y
7	IC 410-668589/19	5.0	8.646475	10.0	766613.0	1.729295	Y
8	ICIS 410-668589/20	10.0	17.002776	10.0	775184.0	1.700278	Y
9	IC 410-668589/21	25.0	42.134179	10.0	787338.0	1.685367	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

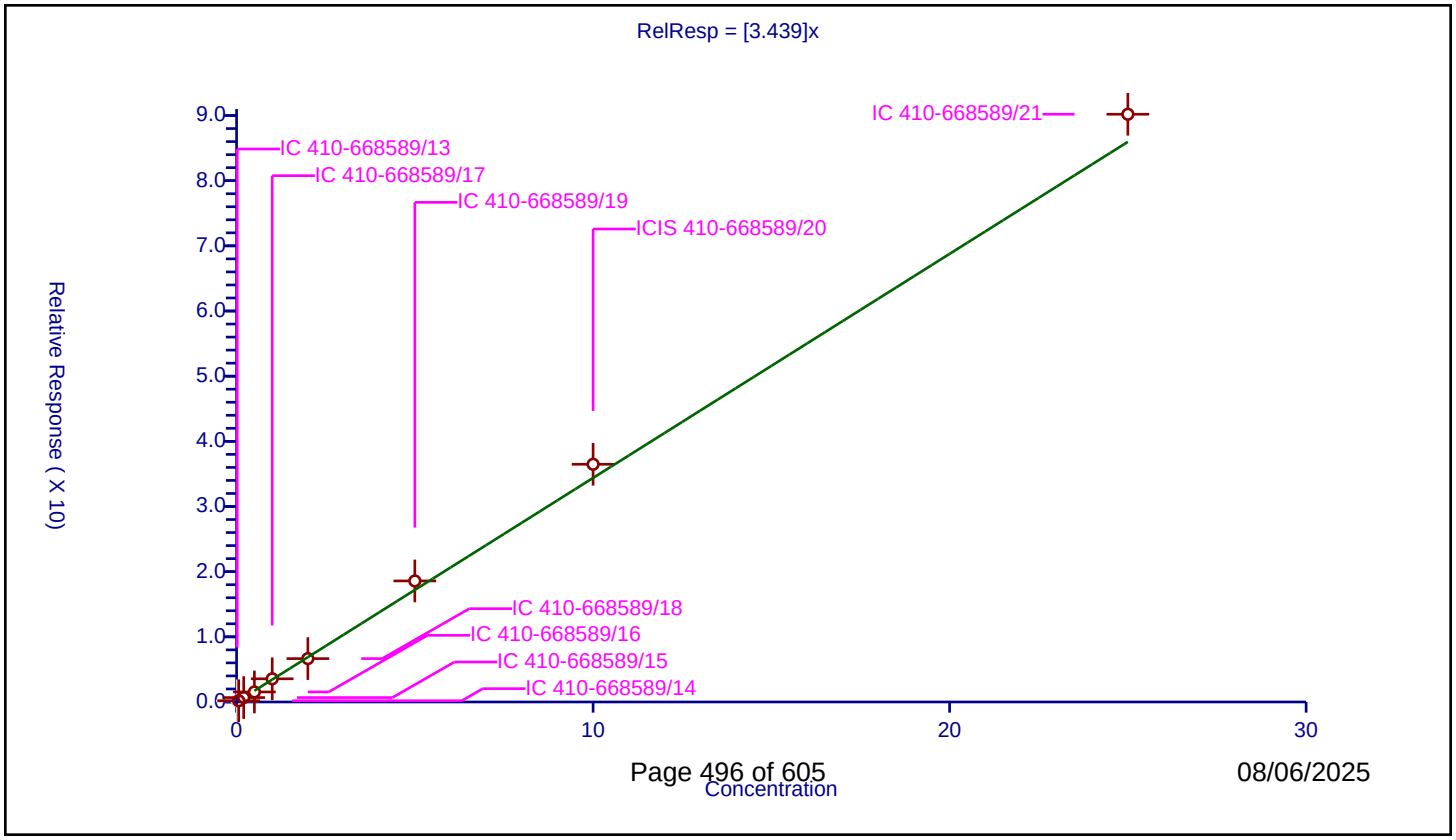
Curve Coefficients

Intercept:	0
Slope:	3.439

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.174143	10.0	735717.0	8.707152	N
2	IC 410-668589/14	0.06	0.190655	10.0	739240.0	3.177588	Y
3	IC 410-668589/15	0.2	0.678185	10.0	743381.0	3.390926	Y
4	IC 410-668589/16	0.5	1.541567	10.0	746831.0	3.083134	Y
5	IC 410-668589/17	1.0	3.557042	10.0	755195.0	3.557042	Y
6	IC 410-668589/18	2.0	6.656236	10.0	762844.0	3.328118	Y
7	IC 410-668589/19	5.0	18.578396	10.0	766613.0	3.715679	Y
8	ICIS 410-668589/20	10.0	36.479558	10.0	775184.0	3.647956	Y
9	IC 410-668589/21	25.0	90.198923	10.0	787338.0	3.607957	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

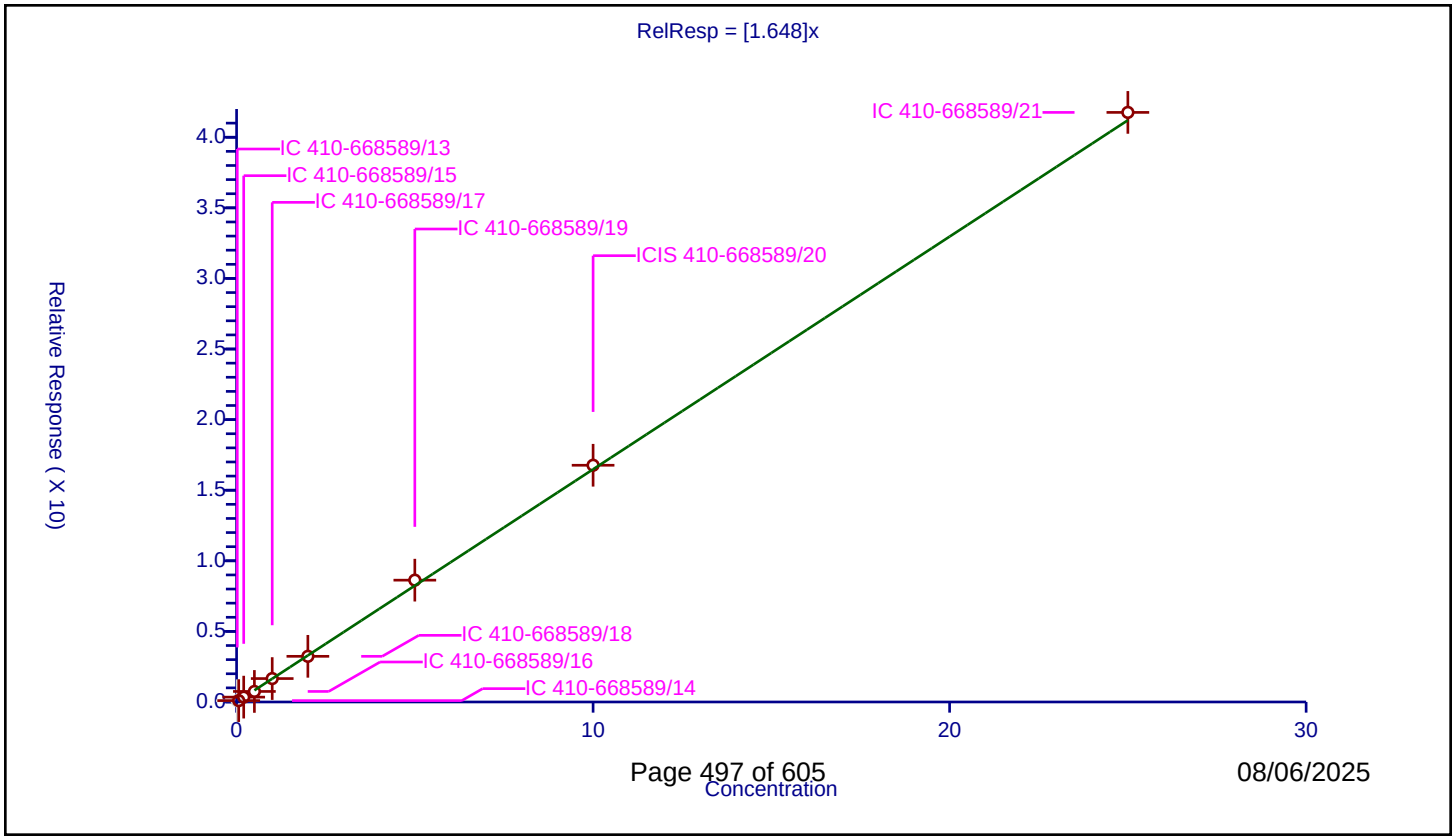
Curve Coefficients

Intercept:	0
Slope:	1.648

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.08824	10.0	735717.0	4.412023	N
2	IC 410-668589/14	0.06	0.097154	10.0	739240.0	1.619231	Y
3	IC 410-668589/15	0.2	0.344803	10.0	743381.0	1.724015	Y
4	IC 410-668589/16	0.5	0.746795	10.0	746831.0	1.493591	Y
5	IC 410-668589/17	1.0	1.658486	10.0	755195.0	1.658486	Y
6	IC 410-668589/18	2.0	3.234292	10.0	762844.0	1.617146	Y
7	IC 410-668589/19	5.0	8.628669	10.0	766613.0	1.725734	Y
8	ICIS 410-668589/20	10.0	16.768535	10.0	775184.0	1.676853	Y
9	IC 410-668589/21	25.0	41.759956	10.0	787338.0	1.670398	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

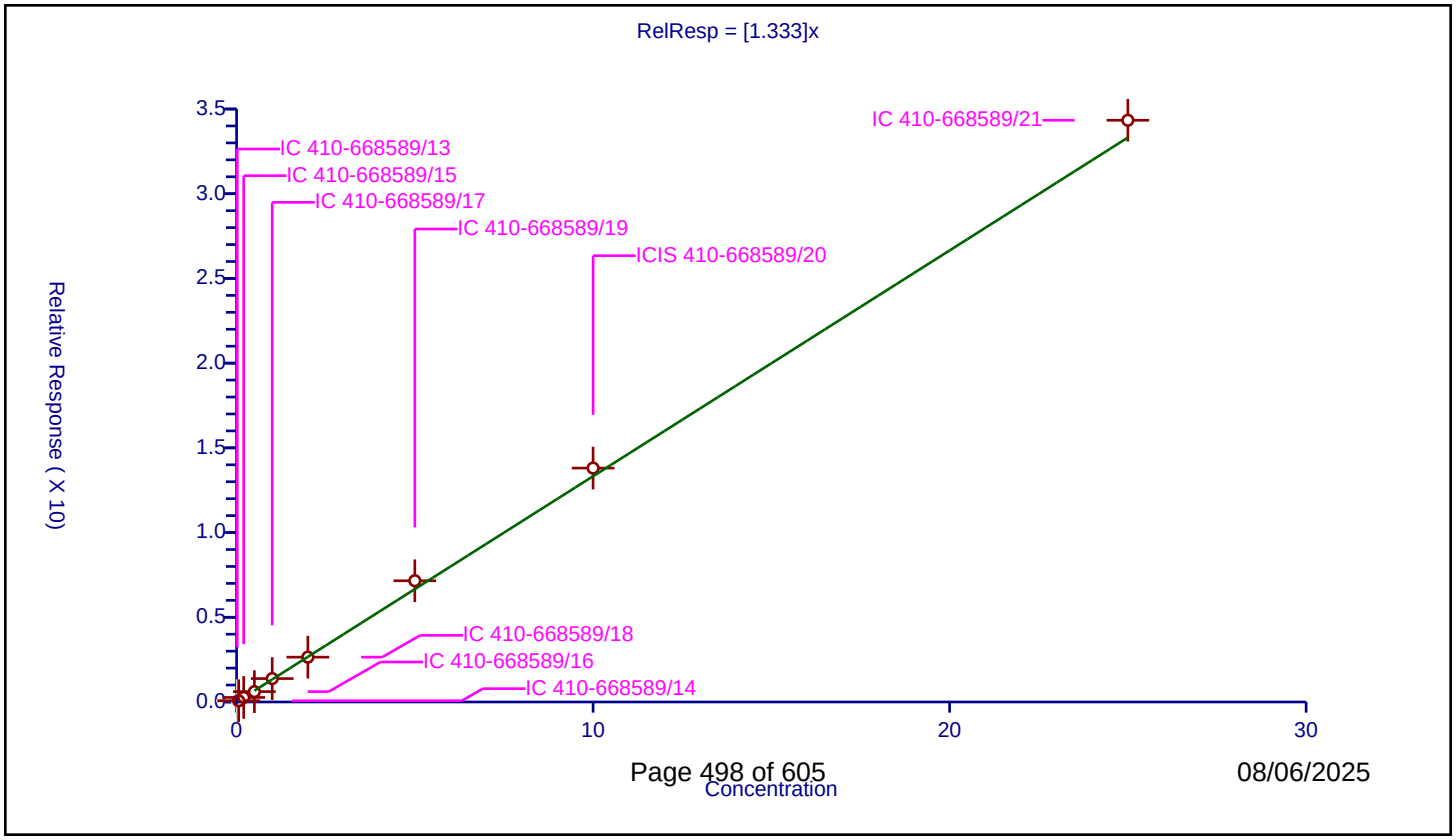
Curve Coefficients

Intercept:	0
Slope:	1.333

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.073928	10.0	735717.0	3.696394	N
2	IC 410-668589/14	0.06	0.072304	10.0	739240.0	1.205066	Y
3	IC 410-668589/15	0.2	0.268516	10.0	743381.0	1.342582	Y
4	IC 410-668589/16	0.5	0.611142	10.0	746831.0	1.222285	Y
5	IC 410-668589/17	1.0	1.38163	10.0	755195.0	1.38163	Y
6	IC 410-668589/18	2.0	2.64737	10.0	762844.0	1.323685	Y
7	IC 410-668589/19	5.0	7.156584	10.0	766613.0	1.431317	Y
8	ICIS 410-668589/20	10.0	13.805922	10.0	775184.0	1.380592	Y
9	IC 410-668589/21	25.0	34.335978	10.0	787338.0	1.373439	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

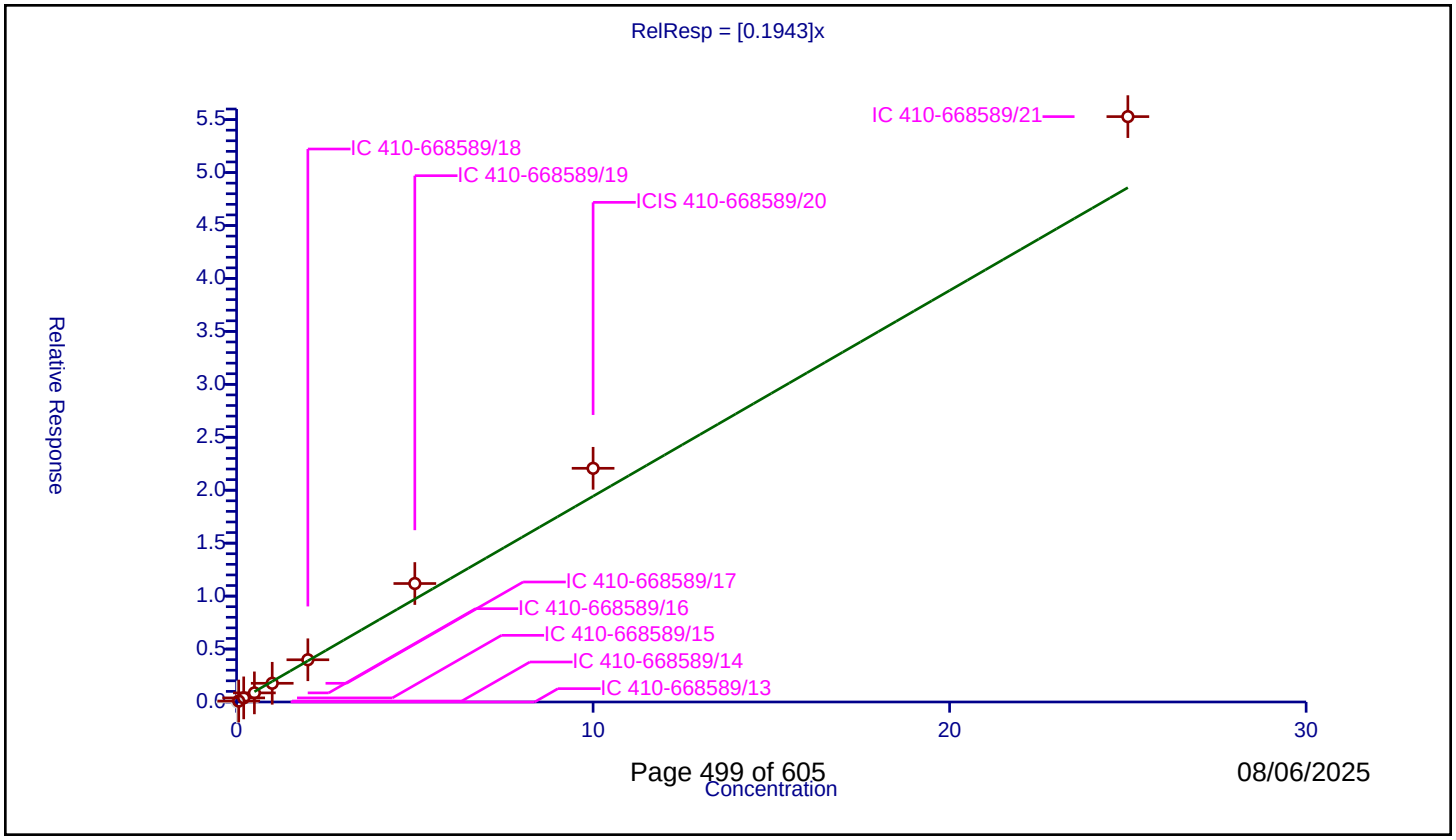
Curve Coefficients

Intercept:	0
Slope:	0.1943

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.0	10.0	735717.0	0.0	N
2	IC 410-668589/14	0.06	0.00882	10.0	739240.0	0.146998	Y
3	IC 410-668589/15	0.2	0.038782	10.0	743381.0	0.193911	Y
4	IC 410-668589/16	0.5	0.085936	10.0	746831.0	0.171873	Y
5	IC 410-668589/17	1.0	0.176683	10.0	755195.0	0.176683	Y
6	IC 410-668589/18	2.0	0.398784	10.0	762844.0	0.199392	Y
7	IC 410-668589/19	5.0	1.118778	10.0	766613.0	0.223756	Y
8	ICIS 410-668589/20	10.0	2.206857	10.0	775184.0	0.220686	Y
9	IC 410-668589/21	25.0	5.528121	10.0	787338.0	0.221125	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

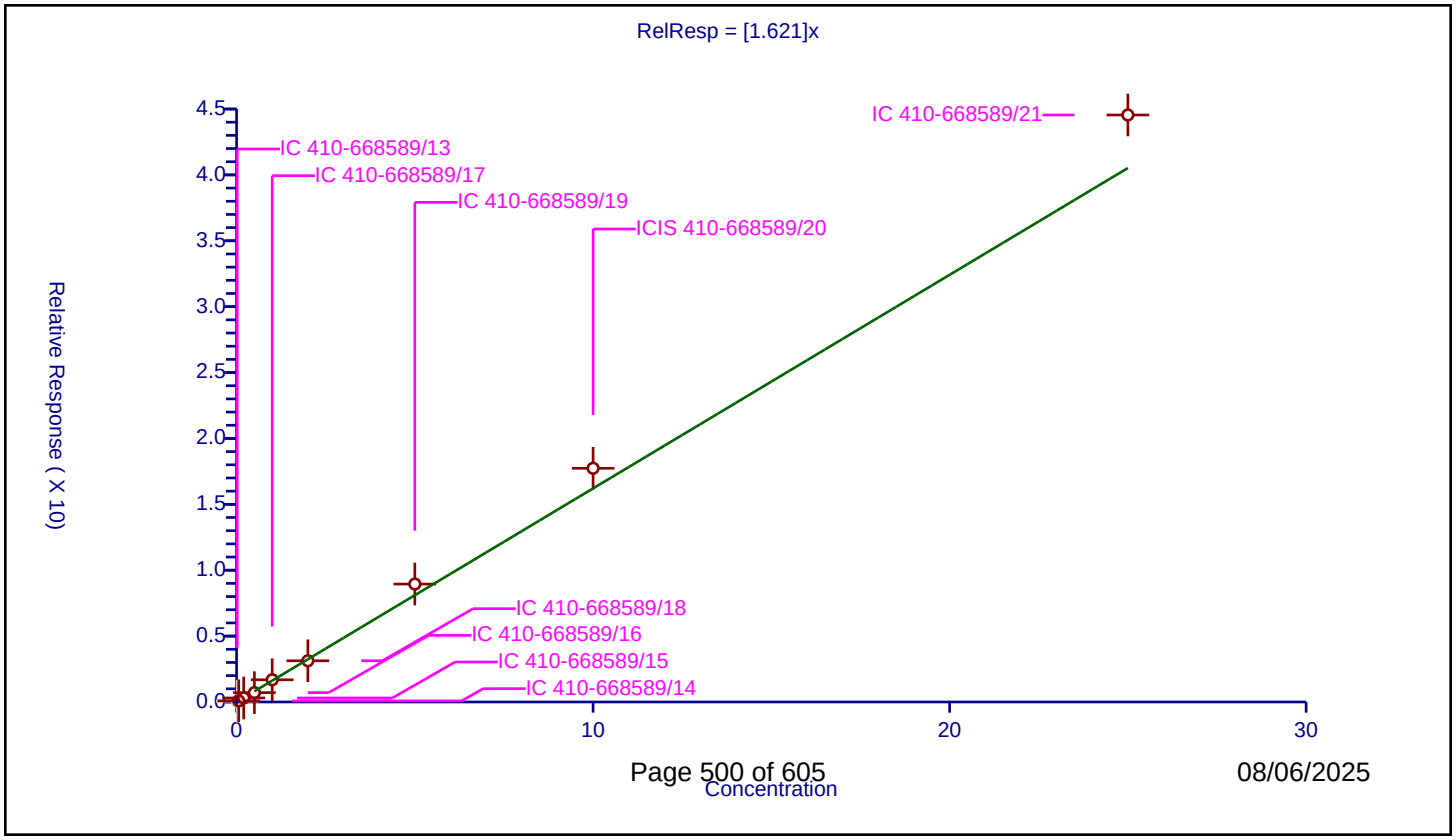
Curve Coefficients

Intercept:	0
Slope:	1.621

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.066547	10.0	735717.0	3.327366	N
2	IC 410-668589/14	0.06	0.085723	10.0	739240.0	1.42872	Y
3	IC 410-668589/15	0.2	0.304998	10.0	743381.0	1.524992	Y
4	IC 410-668589/16	0.5	0.709237	10.0	746831.0	1.418474	Y
5	IC 410-668589/17	1.0	1.685141	10.0	755195.0	1.685141	Y
6	IC 410-668589/18	2.0	3.127428	10.0	762844.0	1.563714	Y
7	IC 410-668589/19	5.0	8.950227	10.0	766613.0	1.790045	Y
8	ICIS 410-668589/20	10.0	17.735518	10.0	775184.0	1.773552	Y
9	IC 410-668589/21	25.0	44.547031	10.0	787338.0	1.781881	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

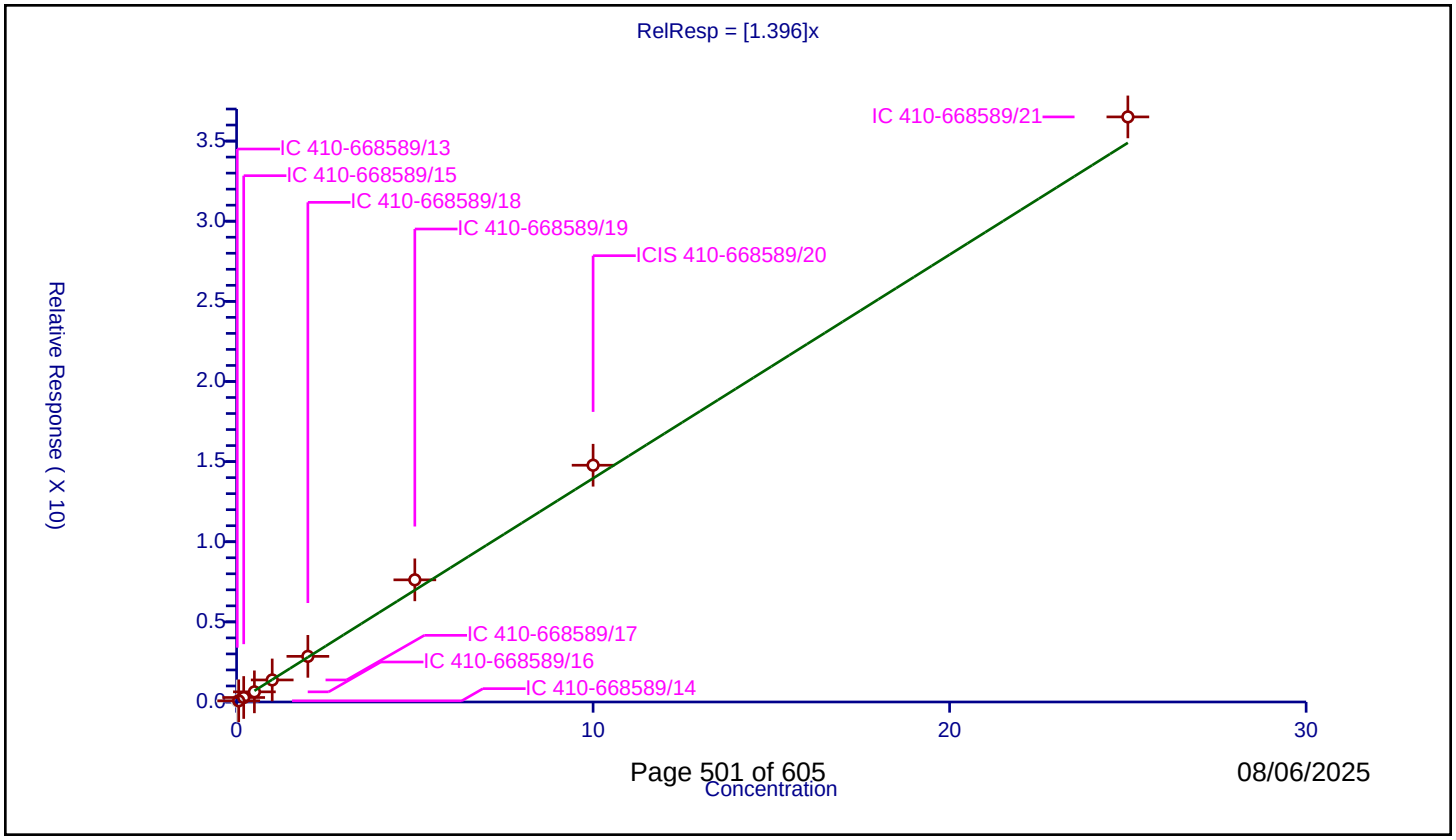
Curve Coefficients

Intercept:	0
Slope:	1.396

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.060023	10.0	735717.0	3.001154	N
2	IC 410-668589/14	0.06	0.073981	10.0	739240.0	1.233023	Y
3	IC 410-668589/15	0.2	0.28104	10.0	743381.0	1.405201	Y
4	IC 410-668589/16	0.5	0.633088	10.0	746831.0	1.266177	Y
5	IC 410-668589/17	1.0	1.375234	10.0	755195.0	1.375234	Y
6	IC 410-668589/18	2.0	2.848013	10.0	762844.0	1.424007	Y
7	IC 410-668589/19	5.0	7.62082	10.0	766613.0	1.524164	Y
8	ICIS 410-668589/20	10.0	14.773293	10.0	775184.0	1.477329	Y
9	IC 410-668589/21	25.0	36.506735	10.0	787338.0	1.460269	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

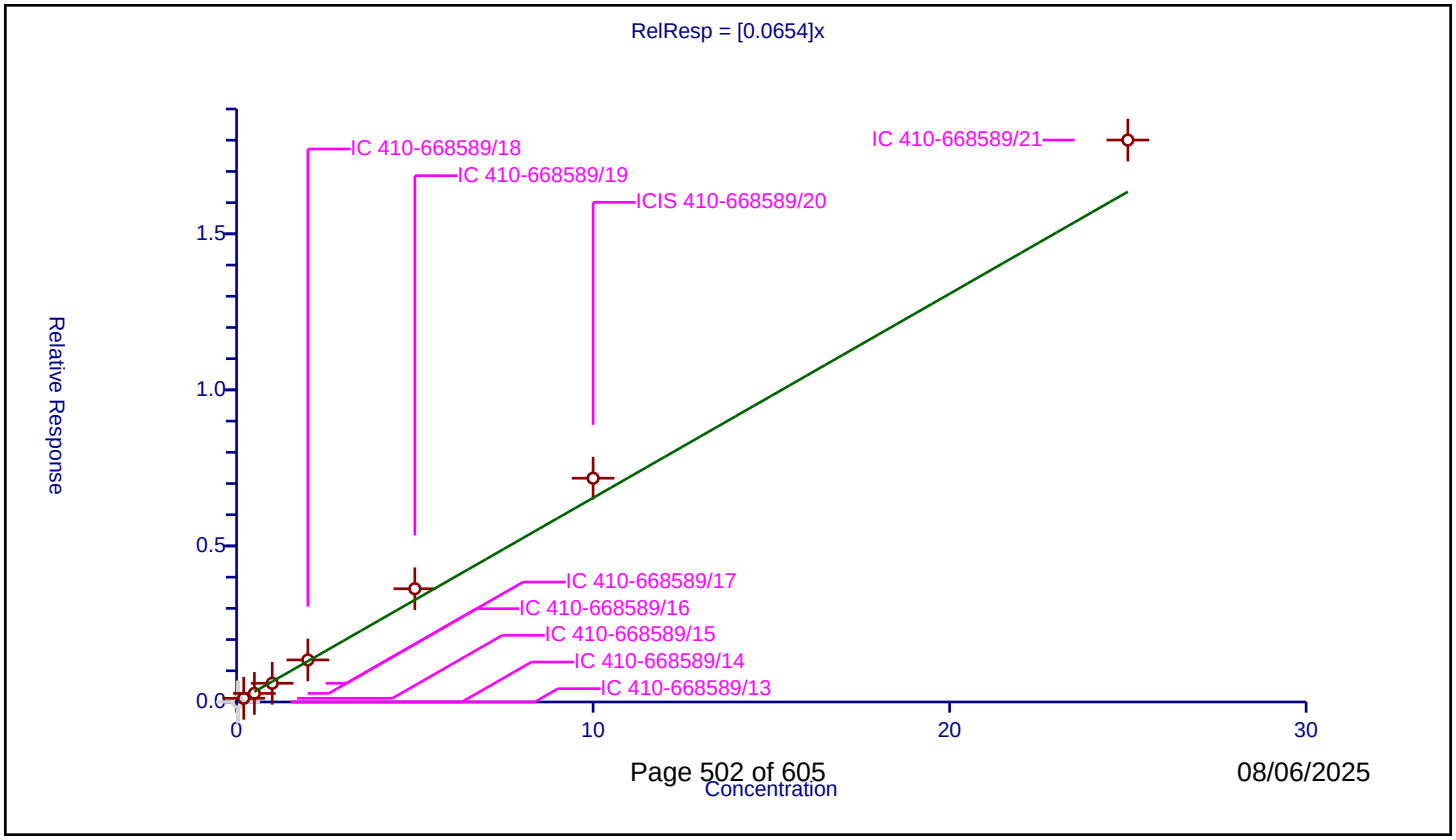
Curve Coefficients

Intercept:	0
Slope:	0.0654

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.0	10.0	735717.0	0.0	N
2	IC 410-668589/14	0.06	0.0	10.0	739240.0	0.0	N
3	IC 410-668589/15	0.2	0.011838	10.0	743381.0	0.059189	Y
4	IC 410-668589/16	0.5	0.027489	10.0	746831.0	0.054979	Y
5	IC 410-668589/17	1.0	0.059958	10.0	755195.0	0.059958	Y
6	IC 410-668589/18	2.0	0.134759	10.0	762844.0	0.067379	Y
7	IC 410-668589/19	5.0	0.362856	10.0	766613.0	0.072571	Y
8	ICIS 410-668589/20	10.0	0.716978	10.0	775184.0	0.071698	Y
9	IC 410-668589/21	25.0	1.800535	10.0	787338.0	0.072021	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

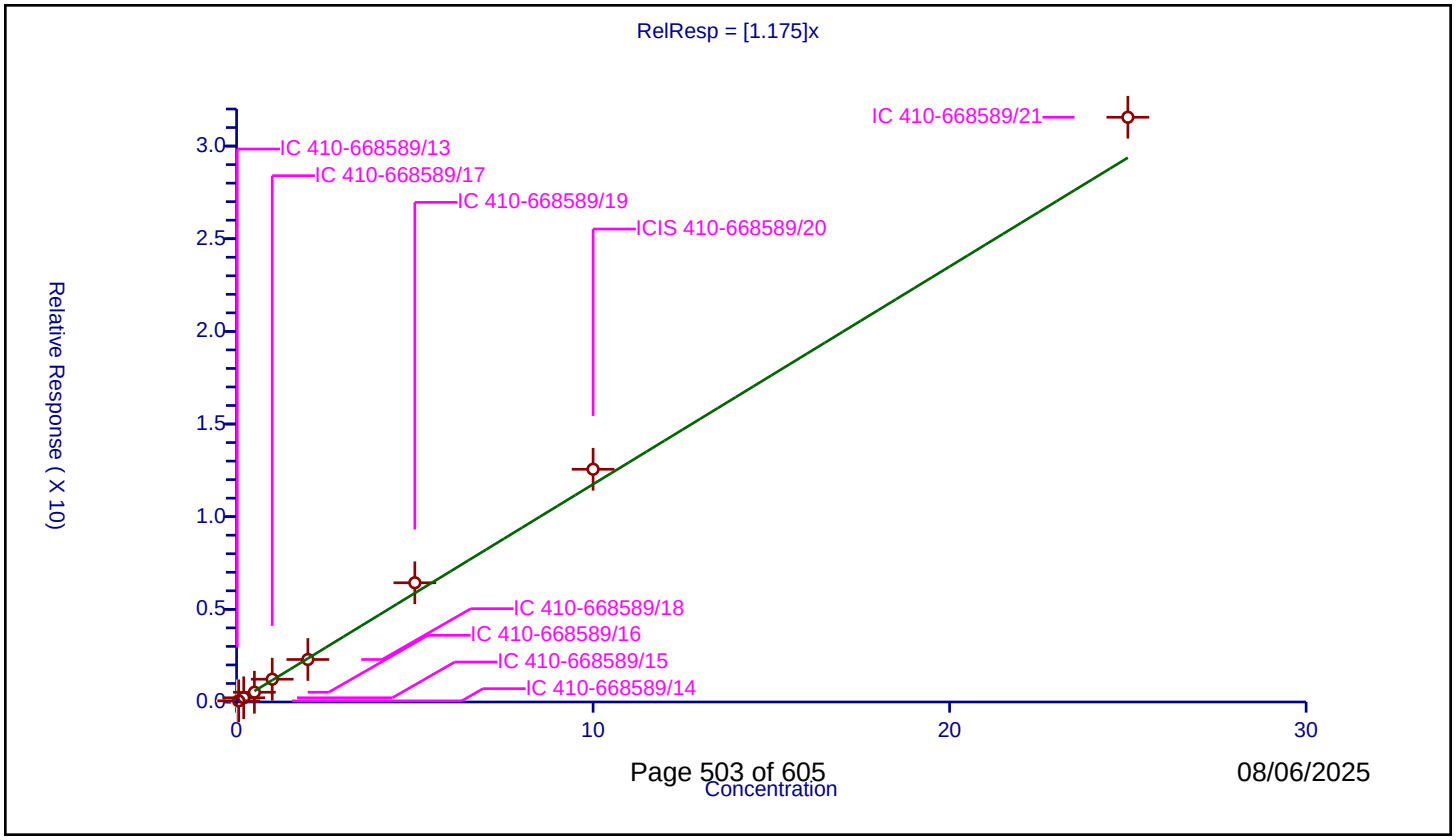
Curve Coefficients

Intercept:	0
Slope:	1.175

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.061736	10.0	735717.0	3.086785	N
2	IC 410-668589/14	0.06	0.061712	10.0	739240.0	1.028534	Y
3	IC 410-668589/15	0.2	0.227636	10.0	743381.0	1.138178	Y
4	IC 410-668589/16	0.5	0.525956	10.0	746831.0	1.051911	Y
5	IC 410-668589/17	1.0	1.229908	10.0	755195.0	1.229908	Y
6	IC 410-668589/18	2.0	2.292684	10.0	762844.0	1.146342	Y
7	IC 410-668589/19	5.0	6.433416	10.0	766613.0	1.286683	Y
8	ICIS 410-668589/20	10.0	12.560179	10.0	775184.0	1.256018	Y
9	IC 410-668589/21	25.0	31.555723	10.0	787338.0	1.262229	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

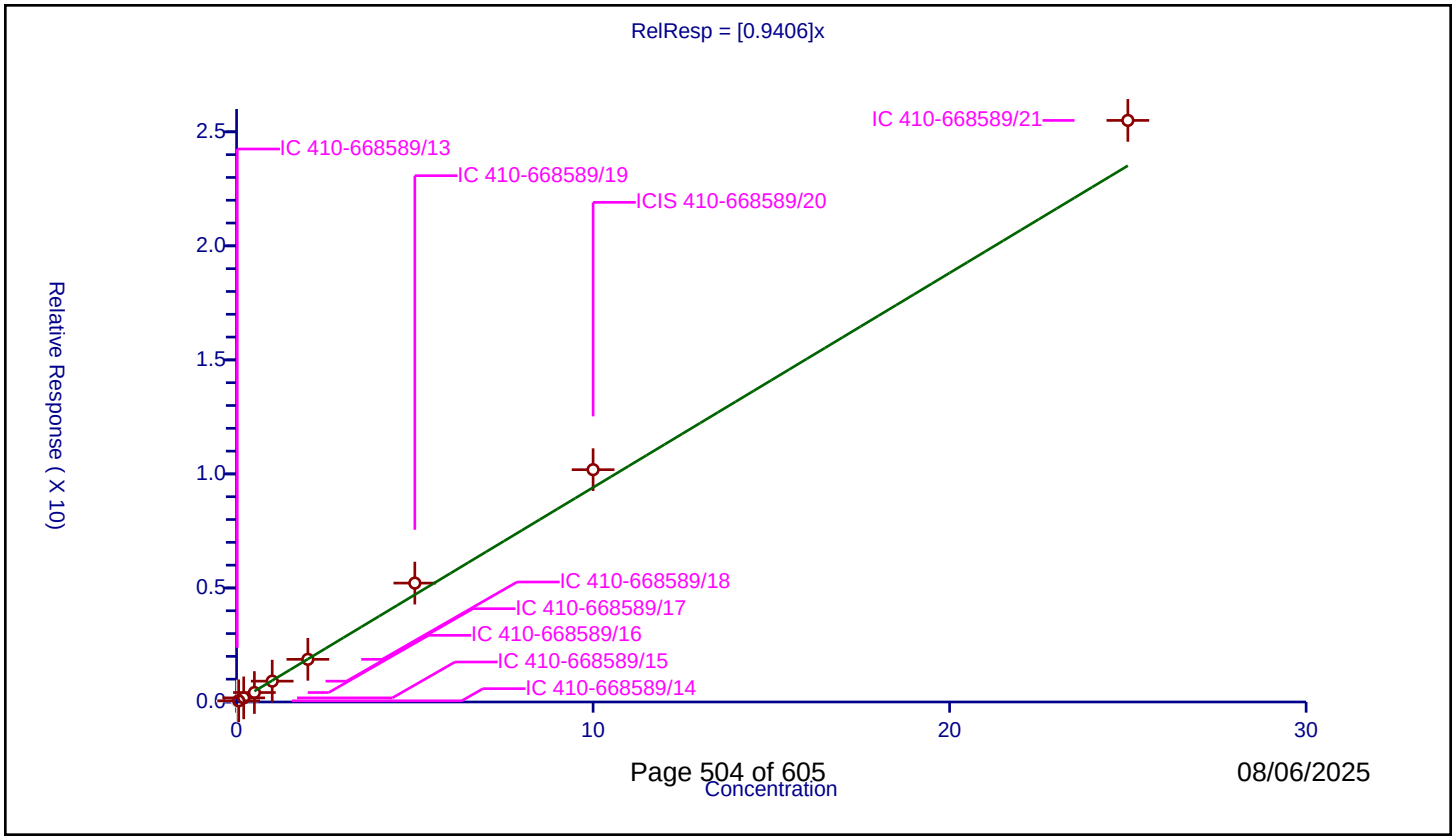
Curve Coefficients

Intercept:	0
Slope:	0.9406

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.038901	10.0	735717.0	1.945041	N
2	IC 410-668589/14	0.06	0.051729	10.0	739240.0	0.862147	Y
3	IC 410-668589/15	0.2	0.18058	10.0	743381.0	0.902902	Y
4	IC 410-668589/16	0.5	0.414953	10.0	746831.0	0.829907	Y
5	IC 410-668589/17	1.0	0.913473	10.0	755195.0	0.913473	Y
6	IC 410-668589/18	2.0	1.870317	10.0	762844.0	0.935158	Y
7	IC 410-668589/19	5.0	5.213621	10.0	766613.0	1.042724	Y
8	ICIS 410-668589/20	10.0	10.186162	10.0	775184.0	1.018616	Y
9	IC 410-668589/21	25.0	25.500357	10.0	787338.0	1.020014	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

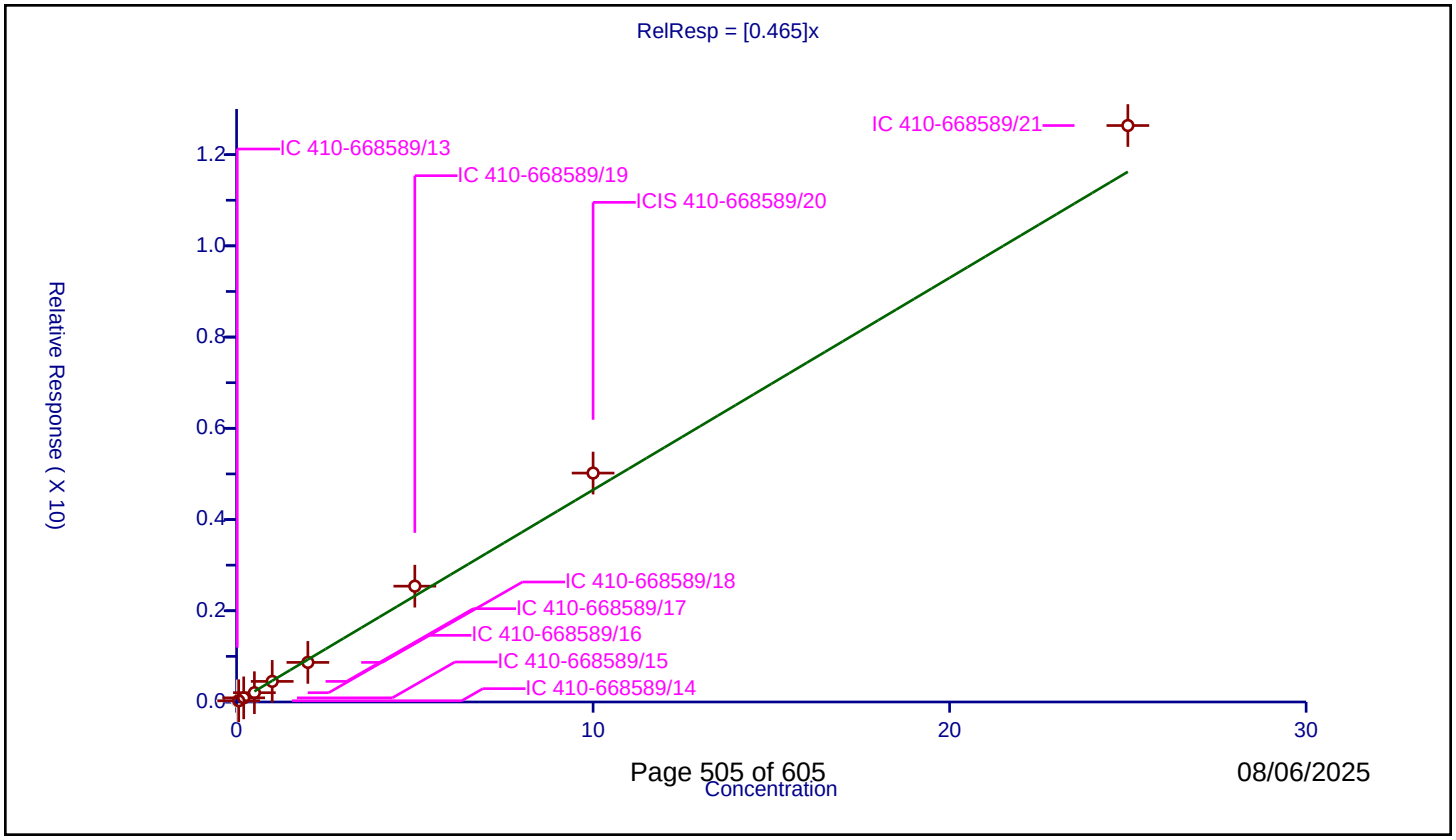
Curve Coefficients

Intercept:	0
Slope:	0.465

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.022454	10.0	735717.0	1.122714	N
2	IC 410-668589/14	0.06	0.027434	10.0	739240.0	0.457226	Y
3	IC 410-668589/15	0.2	0.090936	10.0	743381.0	0.454679	Y
4	IC 410-668589/16	0.5	0.20362	10.0	746831.0	0.407241	Y
5	IC 410-668589/17	1.0	0.451579	10.0	755195.0	0.451579	Y
6	IC 410-668589/18	2.0	0.867595	10.0	762844.0	0.433798	Y
7	IC 410-668589/19	5.0	2.539117	10.0	766613.0	0.507823	Y
8	ICIS 410-668589/20	10.0	5.018963	10.0	775184.0	0.501896	Y
9	IC 410-668589/21	25.0	12.638155	10.0	787338.0	0.505526	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

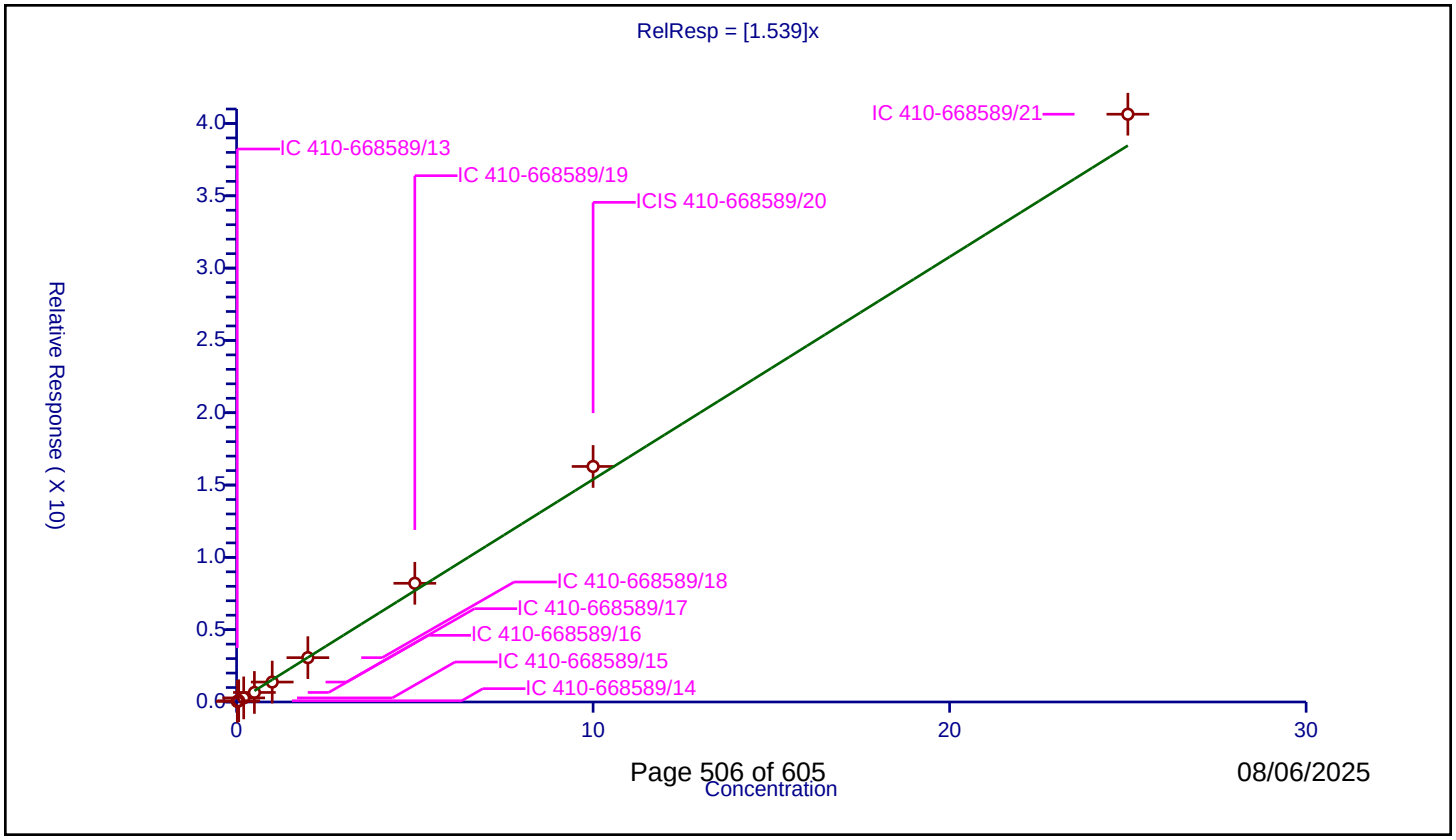
Curve Coefficients

Intercept:	0
Slope:	1.539

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.037419	10.0	735717.0	1.870964	Y
2	IC 410-668589/14	0.06	0.086156	10.0	739240.0	1.435934	Y
3	IC 410-668589/15	0.2	0.283932	10.0	743381.0	1.419662	Y
4	IC 410-668589/16	0.5	0.658328	10.0	746831.0	1.316657	Y
5	IC 410-668589/17	1.0	1.378809	10.0	755195.0	1.378809	Y
6	IC 410-668589/18	2.0	3.064807	10.0	762844.0	1.532404	Y
7	IC 410-668589/19	5.0	8.20774	10.0	766613.0	1.641548	Y
8	ICIS 410-668589/20	10.0	16.285321	10.0	775184.0	1.628532	Y
9	IC 410-668589/21	25.0	40.640856	10.0	787338.0	1.625634	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

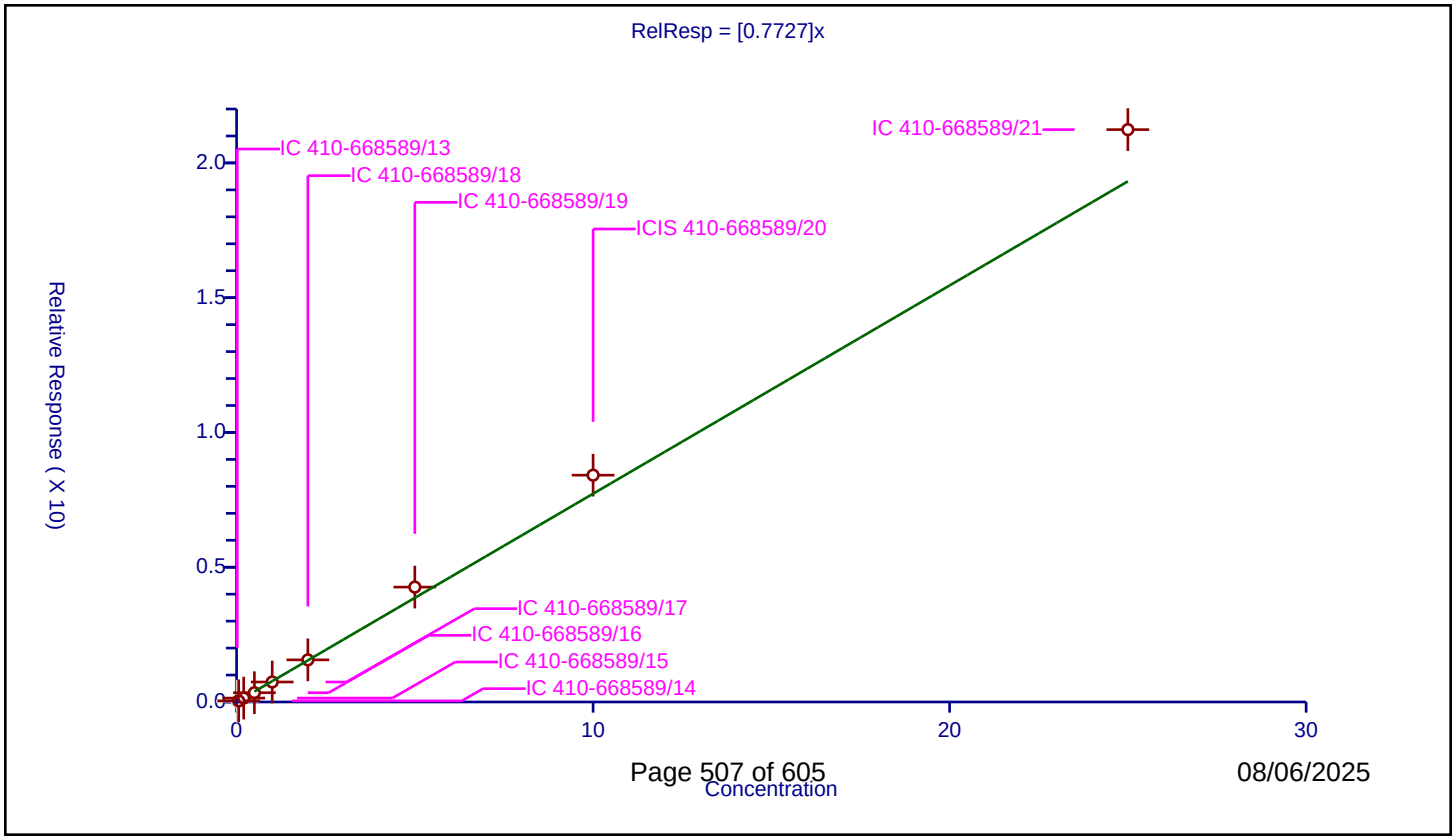
Curve Coefficients

Intercept:	0
Slope:	0.7727

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-668589/13	0.02	0.028258	10.0	735717.0	1.412907	N
2	IC 410-668589/14	0.06	0.041881	10.0	739240.0	0.698014	Y
3	IC 410-668589/15	0.2	0.145349	10.0	743381.0	0.726747	Y
4	IC 410-668589/16	0.5	0.344951	10.0	746831.0	0.689902	Y
5	IC 410-668589/17	1.0	0.741928	10.0	755195.0	0.741928	Y
6	IC 410-668589/18	2.0	1.562469	10.0	762844.0	0.781234	Y
7	IC 410-668589/19	5.0	4.262359	10.0	766613.0	0.852472	Y
8	ICIS 410-668589/20	10.0	8.415228	10.0	775184.0	0.841523	Y
9	IC 410-668589/21	25.0	21.235111	10.0	787338.0	0.849404	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Lab Sample ID: ICV 410-668589/23 Calibration Date: 07/09/2025 07:43

Instrument ID: 19094 Calib Start Date: 07/09/2025 04:17

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 07/09/2025 07:02

Lab File ID: HL08X22.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	0.3244	0.4037	0.1000	6.22	5.00	24.4	30.0
Chloromethane	Ave	0.4285	0.4442	0.1000	5.18	5.00	3.7	30.0
1,3-Butadiene	Ave	0.4119	0.4403		5.34	5.00	6.9	30.0
Vinyl chloride	Ave	0.3874	0.4213	0.1000	5.44	5.00	8.7	30.0
Bromomethane	Ave	0.2752	0.2843	0.1000	5.17	5.00	3.3	30.0
Chloroethane	Ave	0.2433	0.2549	0.1000	5.24	5.00	4.8	30.0
Dichlorofluoromethane	Ave	0.6509	0.6538		5.02	5.00	0.4	30.0
Trichlorofluoromethane	Ave	0.5026	0.5253	0.1000	5.23	5.00	4.5	30.0
Ethyl ether	Ave	0.1705	0.1939		5.64	4.96	13.7	30.0
Freon 123a	Ave	0.3748	0.3837		5.12	5.00	2.4	30.0
Acrolein	Ave	2.895	3.110		39.3	36.6	7.4	30.0
1,1-Dichloroethene	Ave	0.2539	0.2921	0.1000	5.75	5.00	15.0	30.0
Acetone	Ave	3.552	3.276	0.1000	57.6	62.5	-7.8	30.0
Freon 113	Ave	0.2492	0.2974	0.1000	5.97	5.00	19.3	30.0
Methyl iodide	Ave	0.4868	0.4961		5.10	5.00	1.9	30.0
Ethyl bromide	Ave	0.2145	0.1901		4.44	5.01	-11.4	30.0
Carbon disulfide	Ave	0.7785	0.8089	0.1000	5.20	5.00	3.9	30.0
Methyl acetate	Ave	8.490	9.836	0.1000	5.79	5.00	15.9	30.0
Allyl chloride	Ave	0.5013	0.5054		5.04	5.00	0.8	30.0
Methylene Chloride	Ave	0.2663	0.2899	0.1000	5.44	5.00	8.9	30.0
t-Butyl alcohol	Ave	1.088	1.125		51.7	50.0	3.4	30.0
Acrylonitrile	Lin		4.778		26.9	25.0	7.5	30.0
Methyl tert-butyl ether	Ave	0.5836	0.5953	0.1000	5.10	5.00	2.0	30.0
trans-1,2-Dichloroethene	Ave	0.2813	0.3073	0.1000	5.46	5.00	9.2	30.0
n-Hexane	Ave	0.4269	0.4690		5.49	5.00	9.9	30.0
1,1-Dichloroethane	Ave	0.5435	0.6167	0.2000	5.67	5.00	13.5	30.0
di-Isopropyl ether	Ave	0.9176	0.9587		5.22	5.00	4.5	30.0
2-Chloro-1,3-butadiene	Ave	0.4702	0.5095		5.42	5.00	8.4	30.0
Ethyl t-butyl ether	Ave	0.7956	0.8363		5.26	5.00	5.1	30.0
2-Butanone (MEK)	Ave	6.083	7.158	0.1000	73.5	62.5	17.7	30.0
cis-1,2-Dichloroethene	Ave	0.3061	0.3374	0.1000	5.51	5.00	10.2	30.0
2,2-Dichloropropane	Ave	0.4753	0.5029		5.29	5.00	5.8	30.0
Propionitrile	Ave	1.516	1.617		40.0	37.5	6.6	30.0
Methacrylonitrile	Ave	6.120	7.521		46.1	37.5	22.9	30.0
Bromochloromethane	Ave	0.1158	0.1279		5.52	5.00	10.4	30.0
Tetrahydrofuran	Ave	1.710	1.866		27.3	25.0	9.1	30.0
Chloroform	Ave	0.5049	0.5499	0.2000	5.45	5.00	8.9	30.0
1,1,1-Trichloroethane	Ave	0.4721	0.5155	0.1000	5.46	5.00	9.2	30.0
Cyclohexane	Ave	0.5801	0.6093	0.1000	5.25	5.00	5.0	30.0
1,1-Dichloropropene	Ave	0.4357	0.4729		5.43	5.00	8.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Lab Sample ID: ICV 410-668589/23 Calibration Date: 07/09/2025 07:43

Instrument ID: 19094 Calib Start Date: 07/09/2025 04:17

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 07/09/2025 07:02

Lab File ID: HL08X22.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	0.3988	0.4502	0.1000	5.64	5.00	12.9	30.0
Isobutyl alcohol	Ave	0.4249	0.3733		110	125	-12.1	30.0
Benzene	Ave	1.239	1.304	0.5000	5.26	5.00	5.2	30.0
1,2-Dichloroethane	Ave	0.2783	0.2978	0.1000	5.35	5.00	7.0	30.0
t-Amyl methyl ether	Ave	0.6885	0.7068		5.13	5.00	2.7	30.0
n-Heptane	Ave	0.4514	0.4881		5.41	5.00	8.1	30.0
n-Butanol	Lin		0.3013		236	250	-5.5	30.0
Trichloroethene	Ave	0.3245	0.3437	0.2000	5.30	5.00	5.9	30.0
Methylcyclohexane	Ave	0.5648	0.5977	0.1000	5.29	5.00	5.8	30.0
1,2-Dichloropropane	Ave	0.2978	0.3318	0.1000	5.57	5.00	11.4	30.0
1,4-Dioxane	Lin1		0.0618	0.0050	129	125	2.9	30.0
Methyl methacrylate	Ave	12.48	13.53		5.42	5.00	8.4	30.0
Dibromomethane	Ave	0.1103	0.1250		5.67	5.00	13.3	30.0
Bromodichloromethane	Ave	0.3322	0.3597	0.2000	5.41	5.00	8.3	30.0
2-Nitropropane	Ave	3.867	3.908		5.05	5.00	1.0	30.0
1-Bromo-2-chloroethane	Ave	0.2658	0.2631		4.95	5.00	-1.0	30.0
cis-1,3-Dichloropropene	Ave	0.4066	0.4297	0.2000	5.28	5.00	5.7	30.0
4-Methyl-2-pentanone (MIBK)	Ave	17.33	19.02	0.1000	68.6	62.5	9.8	30.0
Toluene	Ave	1.078	1.160	0.4000	5.38	5.00	7.6	30.0
trans-1,3-Dichloropropene	Ave	0.4270	0.4757	0.1000	5.57	5.00	11.4	30.0
Ethyl methacrylate	Ave	0.3018	0.3423		5.67	5.00	13.4	30.0
1,1,2-Trichloroethane	Ave	0.2394	0.2477	0.1000	5.17	5.00	3.5	30.0
Tetrachloroethene	Ave	0.5092	0.5503	0.2000	5.40	5.00	8.1	30.0
1,3-Dichloropropane	Ave	0.4165	0.4436		5.33	5.00	6.5	30.0
2-Hexanone	Ave	11.07	13.28	0.1000	74.9	62.5	19.9	30.0
Dibromochloromethane	Ave	0.2957	0.3156		5.34	5.00	6.7	30.0
1,2-Dibromoethane (EDB)	Ave	0.2077	0.2328	0.1000	5.60	5.00	12.1	30.0
1-Chlorohexane	Ave	0.6787	0.6671		4.91	5.00	-1.7	30.0
Chlorobenzene	Ave	1.140	1.210	0.5000	5.30	5.00	6.1	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3755	0.4089		5.44	5.00	8.9	30.0
Ethylbenzene	Ave	2.128	2.276	0.1000	5.35	5.00	7.0	30.0
m&p-Xylene	Ave	0.8089	0.8761	0.1000	10.8	10.0	8.3	30.0
o-Xylene	Ave	0.7665	0.8336	0.3000	5.44	5.00	8.8	30.0
Styrene	Ave	1.230	1.336	0.3000	5.43	5.00	8.6	30.0
Bromoform	Ave	0.1528	0.1747	0.1000	5.72	5.00	14.3	30.0
Isopropylbenzene	Ave	1.874	2.289	0.1000	6.11	5.00	22.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4928	0.5182	0.3000	5.26	5.00	5.1	30.0
Bromobenzene	Ave	0.7999	0.8697		5.44	5.00	8.7	30.0
trans-1,4-Dichloro-2-butene	Ave	6.404	7.277		28.4	25.0	13.6	30.0
1,2,3-Trichloropropane	Ave	0.1235	0.1396		5.65	5.00	13.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Lab Sample ID: ICV 410-668589/23 Calibration Date: 07/09/2025 07:43

Instrument ID: 19094 Calib Start Date: 07/09/2025 04:17

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 07/09/2025 07:02

Lab File ID: HL08X22.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	4.450	4.848		5.45	5.00	9.0	30.0
2-Chlorotoluene	Ave	0.8495	0.9206		5.42	5.00	8.4	30.0
1,3,5-Trimethylbenzene	Ave	3.114	3.412		5.48	5.00	9.6	30.0
4-Chlorotoluene	Ave	0.8557	0.9363		5.47	5.00	9.4	30.0
tert-Butylbenzene	Ave	0.6874	0.7418		5.40	5.00	7.9	30.0
Pentachloroethane	Ave	0.4530	0.5273		5.82	5.00	16.4	30.0
1,2,4-Trimethylbenzene	Ave	3.161	3.409		5.39	5.00	7.9	30.0
sec-Butylbenzene	Ave	4.013	4.377		5.45	5.00	9.1	30.0
1,3-Dichlorobenzene	Ave	1.600	1.751	0.6000	5.47	5.00	9.4	30.0
p-Isopropyltoluene	Ave	3.439	3.692		5.37	5.00	7.4	30.0
1,4-Dichlorobenzene	Ave	1.648	1.755	0.5000	5.32	5.00	6.5	30.0
1,2,3-Trimethylbenzene	Ave	1.333	1.450		5.44	5.00	8.8	30.0
Benzyl chloride	Ave	0.1943	0.2141		5.51	5.00	10.2	30.0
n-Butylbenzene	Ave	1.621	1.826		5.63	5.00	12.7	30.0
1,2-Dichlorobenzene	Ave	1.396	1.531	0.4000	5.48	5.00	9.7	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.0654	0.0723	0.0500	5.53	5.00	10.6	30.0
1,3,5-Trichlorobenzene	Ave	1.175	1.297		5.52	5.00	10.4	30.0
1,2,4-Trichlorobenzene	Ave	0.9406	1.052	0.2000	5.59	5.00	11.8	30.0
Hexachlorobutadiene	Ave	0.4650	0.5424		5.83	5.00	16.7	30.0
Naphthalene	Ave	1.539	1.666		5.41	5.00	8.3	30.0
1,2,3-Trichlorobenzene	Ave	0.7727	0.8515		5.51	5.00	10.2	30.0
Pentane	None					5.00		30.0
Dibromofluoromethane (Surr)	Ave	0.2321	0.2348		10.1	10.0	1.2	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0421	0.0422		10.0	10.0	0.2	30.0
Toluene-d8 (Surr)	Ave	1.391	1.389		9.99	10.0	-0.1	30.0
4-Bromofluorobenzene (Surr)	Ave	0.5024	0.4991		9.93	10.0	-0.7	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X22.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 09-Jul-2025 07:43:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152824-023
Misc. Info.: ICV
Operator ID: gaw91131 Instrument ID: 19094
Sublist:

Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 16-Jul-2025 14:53:25 Calib Date: 09-Jul-2025 07:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1623

First Level Reviewer: JS6E Date: 11-Jul-2025 02:11:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.825	1.831	-0.006	99	378630	5.00	6.22	
5 Chloromethane	50	2.014	2.013	0.001	99	416548	5.00	5.18	
7 Butadiene	39	2.105	2.105	0.000	92	412885	5.00	5.34	
6 Vinyl chloride	62	2.123	2.123	0.000	98	395091	5.00	5.44	
9 Bromomethane	94	2.398	2.391	0.007	91	266598	5.00	5.17	M
10 Chloroethane	64	2.477	2.477	0.000	100	239077	5.00	5.24	
11 Dichlorofluoromethane	67	2.690	2.690	0.000	97	613132	5.00	5.02	
12 Trichlorofluoromethane	101	2.788	2.788	0.000	53	492663	5.00	5.23	
14 Ethyl ether	59	2.971	2.971	0.000	92	180517	4.96	5.64	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.050	3.050	0.000	94	359881	5.00	5.12	
16 Acrolein	56	3.148	3.117	0.031	98	161056	36.6	39.3	
17 1,1-Dichloroethene	96	3.251	3.251	0.000	96	273925	5.00	5.75	
19 Acetone	43	3.282	3.275	0.007	60	289744	62.5	57.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.294	3.294	0.000	93	278862	5.00	5.97	
21 Iodomethane	142	3.434	3.434	0.000	99	465271	5.00	5.10	
22 Ethyl bromide	108	3.458	3.458	0.000	98	178581	5.01	4.44	
23 Carbon disulfide	76	3.538	3.531	0.007	99	758627	5.00	5.20	
24 Methyl acetate	43	3.672	3.660	0.012	92	69607	5.00	5.79	M
26 3-Chloro-1-propene	41	3.684	3.684	0.000	92	473982	5.00	5.04	
27 Methylene Chloride	84	3.855	3.855	0.000	94	271894	5.00	5.44	
* 28 t-Butyl alcohol-d10 (IS)	65	3.843	3.891	-0.048	85	70766	50.0	50.0	
29 2-Methyl-2-propanol	59	3.971	3.995	-0.024	91	79612	50.0	51.7	
31 Acrylonitrile	53	4.196	4.184	0.012	95	169054	25.0	26.9	M
32 Methyl tert-butyl ether	73	4.227	4.214	0.013	96	558248	5.00	5.10	
33 trans-1,2-Dichloroethene	96	4.239	4.239	0.000	97	288166	5.00	5.46	
34 Hexane	57	4.659	4.659	0.000	93	439847	5.00	5.49	
36 1,1-Dichloroethane	63	4.885	4.891	-0.006	96	578306	5.00	5.67	
37 Isopropyl ether	45	4.952	4.952	0.000	95	899091	5.00	5.22	
38 2-Chloro-1,3-butadiene	53	5.001	5.001	0.000	92	477849	5.00	5.42	
40 Tert-butyl ethyl ether	59	5.489	5.495	-0.005	98	784256	5.00	5.26	

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	5.690	0.006	100	633164	62.5	73.5	
42 cis-1,2-Dichloroethene	96	5.739	5.732	0.006	84	316444	5.00	5.51	
43 2,2-Dichloropropane	77	5.751	5.744	0.007	87	471583	5.00	5.29	
44 Propionitrile	54	5.799	5.775	0.024	95	85800	37.5	40.0	M
47 Methacrylonitrile	67	5.995	5.988	0.007	93	399197	37.5	46.1	
48 Chlorobromomethane	128	6.074	6.068	0.006	97	119935	5.00	5.52	
49 Tetrahydrofuran	71	6.080	6.080	0.000	79	66007	25.0	27.3	
50 Chloroform	83	6.220	6.226	-0.006	94	515722	5.00	5.45	
$ 52 Dibromofluoromethane (Surr)	113	6.446	6.446	0.000	94	440462	10.0	10.1	
53 1,1,1-Trichloroethane	97	6.458	6.458	0.000	99	483404	5.00	5.46	
54 Cyclohexane	56	6.562	6.561	0.001	91	571411	5.00	5.25	
56 Carbon tetrachloride	117	6.677	6.677	0.000	87	422224	5.00	5.64	
55 1,1-Dichloropropene	75	6.677	6.677	0.000	95	443516	5.00	5.43	
57 Isobutyl alcohol	41	6.830	6.824	0.006	96	66050	125.0	109.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.897	6.897	0.000	81	79133	10.0	10.0	
59 Benzene	78	6.933	6.939	-0.006	97	1222982	5.00	5.26	
60 1,2-Dichloroethane	62	7.007	7.006	0.001	97	279235	5.00	5.35	
63 Tert-amyl methyl ether	73	7.141	7.141	0.000	98	662839	5.00	5.13	
* 64 Fluorobenzene (IS)	96	7.348	7.354	-0.006	98	1875622	10.0	10.0	
65 n-Heptane	43	7.372	7.372	0.000	93	457718	5.00	5.41	
67 n-Butanol	56	7.763	7.732	0.030	87	106610	250.0	236.4	
68 Trichloroethene	95	7.842	7.842	0.000	98	322330	5.00	5.30	
69 Methylcyclohexane	83	8.159	8.159	0.000	93	560563	5.00	5.29	
70 1,2-Dichloropropane	63	8.171	8.177	-0.006	97	311163	5.00	5.57	
71 2-ethoxy-2-methyl butane	87	8.195	8.195	0.000	92	435645	5.00	5.15	
72 Methyl methacrylate	69	8.281	8.268	0.013	90	95746	5.00	5.42	
73 1,4-Dioxane	88	8.281	8.287	-0.006	29	10937	125.0	128.7	
74 Dibromomethane	93	8.287	8.287	0.000	96	117272	5.00	5.67	
76 Dichlorobromomethane	83	8.531	8.531	0.001	99	337349	5.00	5.41	
77 2-Nitropropane	41	8.805	8.793	0.012	98	27652	5.00	5.05	M
79 1-Bromo-2-chloroethane	63	8.933	8.927	0.006	98	246744	5.00	4.95	
80 cis-1,3-Dichloropropene	75	9.098	9.097	0.001	95	402995	5.00	5.28	
82 4-Methyl-2-pentanone (MIBK)	43	9.280	9.280	0.000	97	1682507	62.5	68.6	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1879768	10.0	9.99	
84 Toluene	92	9.506	9.506	0.000	98	785021	5.00	5.38	
85 trans-1,3-Dichloropropene	75	9.786	9.786	0.000	94	321836	5.00	5.57	
104 Ethyl methacrylate	69	9.860	9.860	0.000	90	231598	5.00	5.67	
106 1,1,2-Trichloroethane	97	10.000	10.000	0.000	91	167590	5.00	5.17	
107 Tetrachloroethene	166	10.091	10.091	0.000	98	372340	5.00	5.40	
108 1,3-Dichloropropane	76	10.164	10.164	0.000	91	300150	5.00	5.33	
109 2-Hexanone	43	10.225	10.219	0.006	98	1174400	62.5	74.9	
111 Chlorodibromomethane	129	10.390	10.390	0.000	90	213522	5.00	5.34	
112 Ethylene Dibromide	107	10.500	10.500	0.000	99	157482	5.00	5.60	
* 113 Chlorobenzene-d5 (IS)	117	10.945	10.951	-0.006	87	1353183	10.0	10.0	
114 1-Chlorohexane	91	10.963	10.963	0.000	98	451328	5.00	4.91	
115 Chlorobenzene	112	10.975	10.975	0.000	94	818409	5.00	5.30	
116 1,1,1,2-Tetrachloroethane	131	11.061	11.060	0.001	96	276628	5.00	5.44	
117 Ethylbenzene	91	11.067	11.067	0.000	98	1539802	5.00	5.35	
119 m-Xylene & p-Xylene	106	11.189	11.189	0.000	100	1185499	10.0	10.8	
120 o-Xylene	106	11.524	11.518	0.006	96	564023	5.00	5.44	
121 Styrene	104	11.536	11.536	0.000	94	904172	5.00	5.43	
122 Bromoform	173	11.695	11.695	0.000	97	118206	5.00	5.72	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
123 Isopropylbenzene	105	11.829	11.829	0.000	96	1548832	5.00	6.11	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	675362	10.0	9.93	
127 1,1,2,2-Tetrachloroethane	83	12.079	12.079	0.000	93	193007	5.00	5.26	
128 Bromobenzene	156	12.091	12.091	0.000	97	323944	5.00	5.44	
129 trans-1,4-Dichloro-2-butene	53	12.103	12.103	0.000	93	257496	25.0	28.4	
130 1,2,3-Trichloropropane	110	12.121	12.121	0.000	84	51992	5.00	5.65	
131 N-Propylbenzene	91	12.164	12.164	0.000	99	1805799	5.00	5.45	
132 2-Chlorotoluene	126	12.237	12.237	0.000	96	342894	5.00	5.42	
133 1,3,5-Trimethylbenzene	105	12.304	12.304	0.000	94	1271038	5.00	5.48	
134 4-Chlorotoluene	126	12.329	12.329	0.000	98	348774	5.00	5.47	
135 tert-Butylbenzene	134	12.542	12.542	0.000	93	276320	5.00	5.40	
136 Pentachloroethane	167	12.573	12.572	0.001	91	196427	5.00	5.82	
137 1,2,4-Trimethylbenzene	105	12.585	12.585	0.000	97	1269980	5.00	5.39	
138 sec-Butylbenzene	105	12.707	12.707	0.000	94	1630251	5.00	5.45	
139 1,3-Dichlorobenzene	146	12.810	12.804	0.006	98	652087	5.00	5.47	
140 4-Isopropyltoluene	119	12.822	12.822	0.000	97	1375040	5.00	5.37	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	94	744969	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.883	12.883	0.000	94	653555	5.00	5.32	
143 1,2,3-Trimethylbenzene	120	12.890	12.889	0.001	99	540250	5.00	5.44	
144 Benzyl chloride	126	12.957	12.956	0.001	99	79761	5.00	5.51	
145 p-Diethylbenzene	119	13.097	13.097	0.000	95	828773	5.00	5.52	
146 n-Butylbenzene	92	13.115	13.115	0.000	98	680122	5.00	5.63	
147 1,2-Dichlorobenzene	146	13.140	13.139	0.001	98	570291	5.00	5.48	
149 1,2-Dibromo-3-Chloropropane	155	13.688	13.688	0.000	86	26949	5.00	5.53	
150 1,3,5-Trichlorobenzene	180	13.816	13.816	0.000	98	483185	5.00	5.52	
151 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	391824	5.00	5.59	
152 Hexachlorobutadiene	225	14.322	14.322	0.000	95	202047	5.00	5.83	
153 Naphthalene	128	14.414	14.414	0.000	97	620527	5.00	5.41	
154 1,2,3-Trichlorobenzene	180	14.560	14.560	0.000	96	317159	5.00	5.51	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00227	Amount Added:	12.50	Units: uL	
MSV_LCS_Penta_00057	Amount Added:	12.50	Units: uL	
MSV_QC_Gas826_00268	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_00235	Amount Added:	12.50	Units: uL	
MSV_LLcentISS_00016	Amount Added:	5.00	Units: uL	Run Reagent

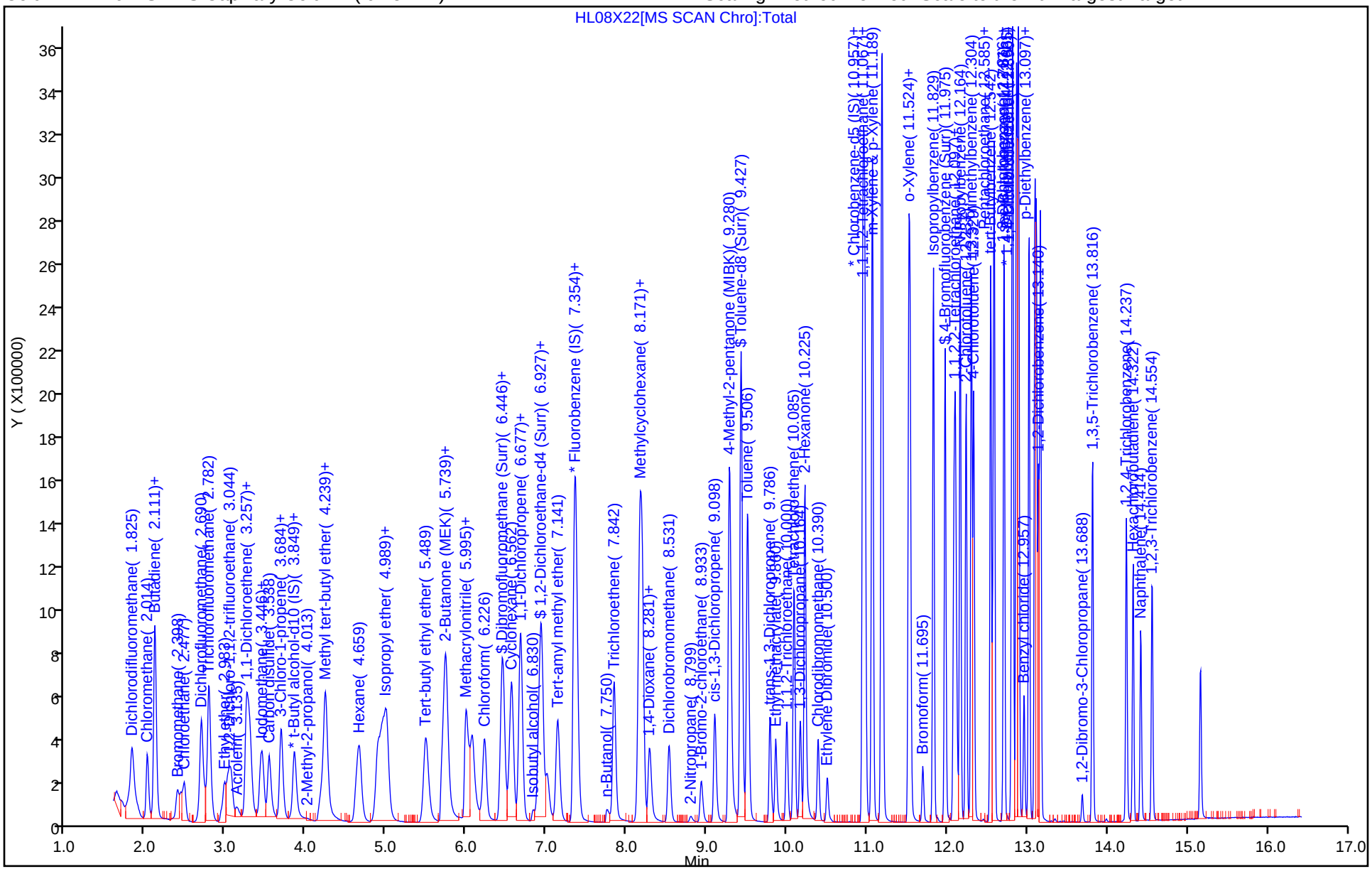
Report Date: 16-Jul-2025 14:59:55 Chrom Revision: 2.3 14-Jul-2025 13:55:14

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X22.D

Injection Date:	09-Jul-2025 07:43:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	ICV			Worklist Smp#:	23
Client ID:					
Purge Vol:	25.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	MSV_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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

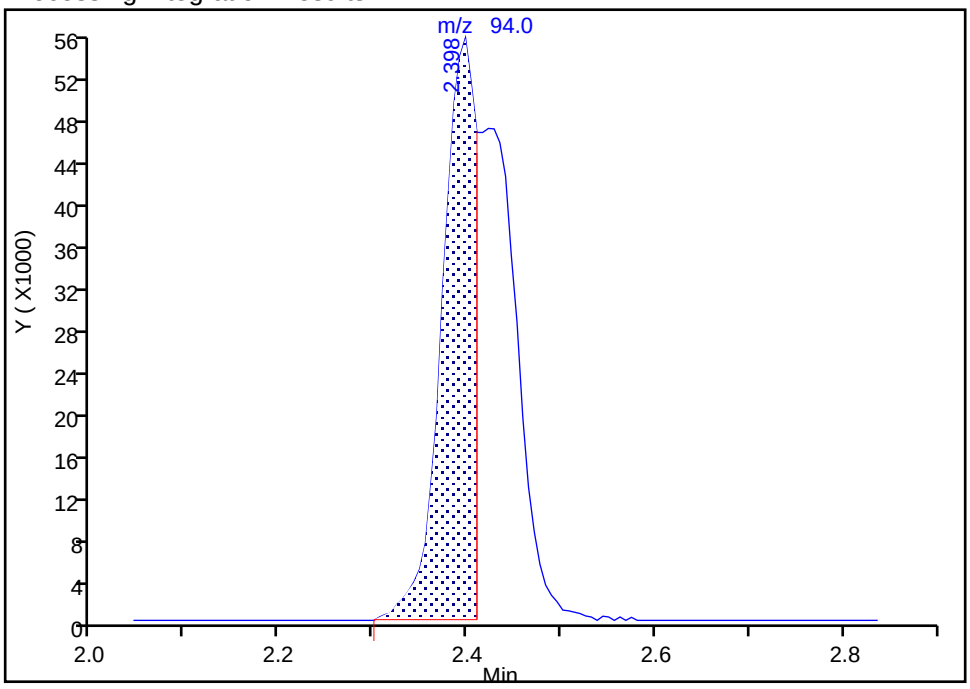
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X22.D
Injection Date: 09-Jul-2025 07:43:30 Instrument ID: 19094
Lims ID: ICV
Client ID:
Operator ID: gaw91131 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

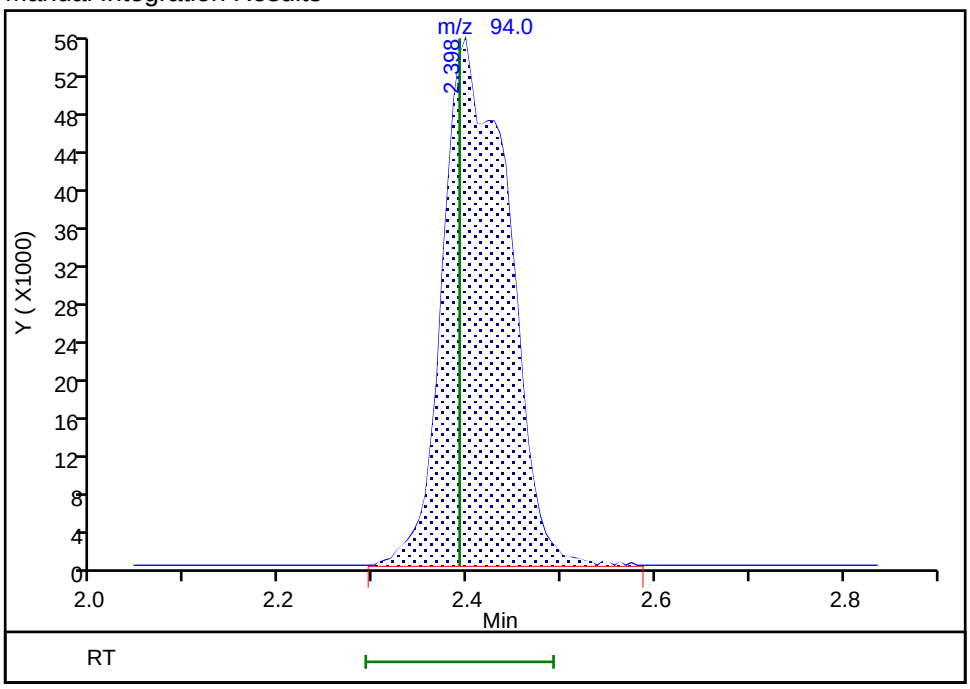
Processing Integration Results

RT: 2.40
Area: 139644
Amount: 2.705454
Amount Units: ug/l



Manual Integration Results

RT: 2.40
Area: 266598
Amount: 5.165053
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 02:10:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

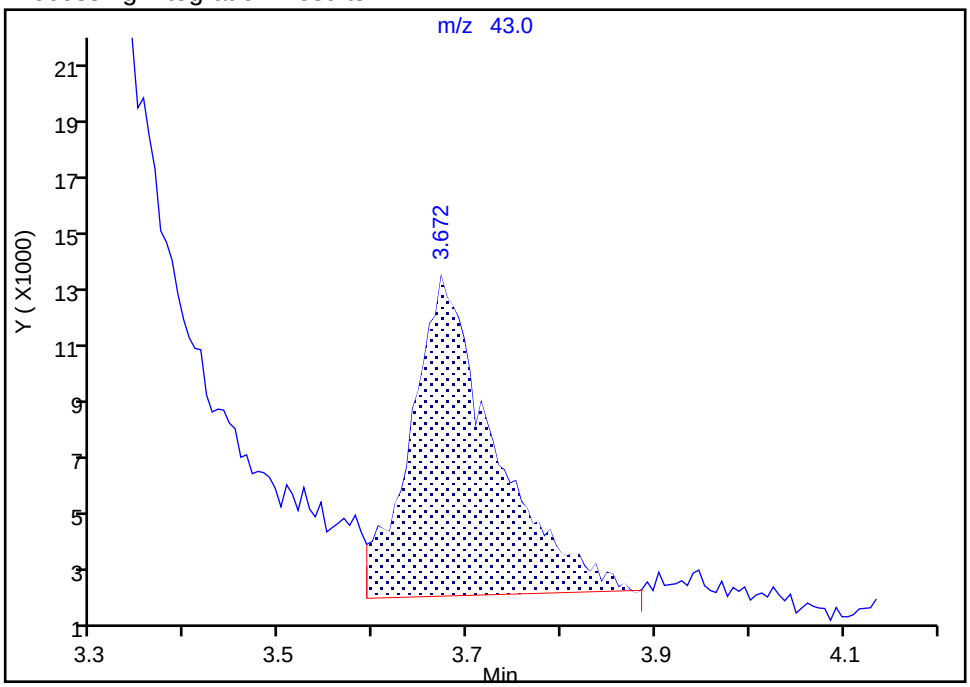
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X22.D				
Injection Date:	09-Jul-2025 07:43:30	Instrument ID:	19094		
Lims ID:	ICV				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

24 Methyl acetate, CAS: 79-20-9

Signal: 1

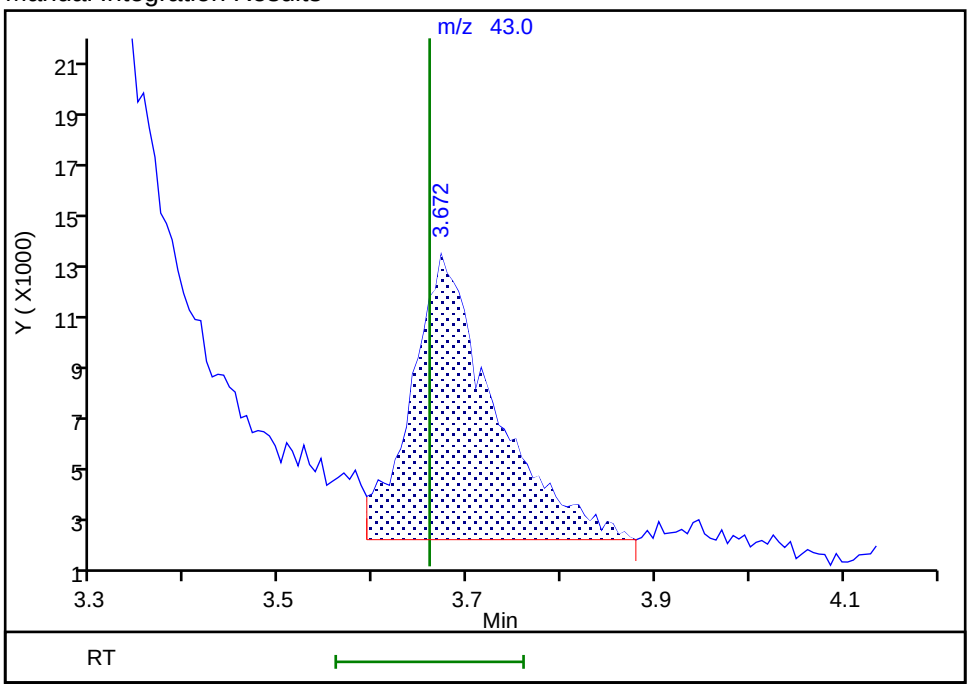
Processing Integration Results

RT: 3.67
Area: 70244
Amount: 5.845678
Amount Units: ug/l



Manual Integration Results

RT: 3.67
Area: 69607
Amount: 5.792667
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 02:10:32 -04:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

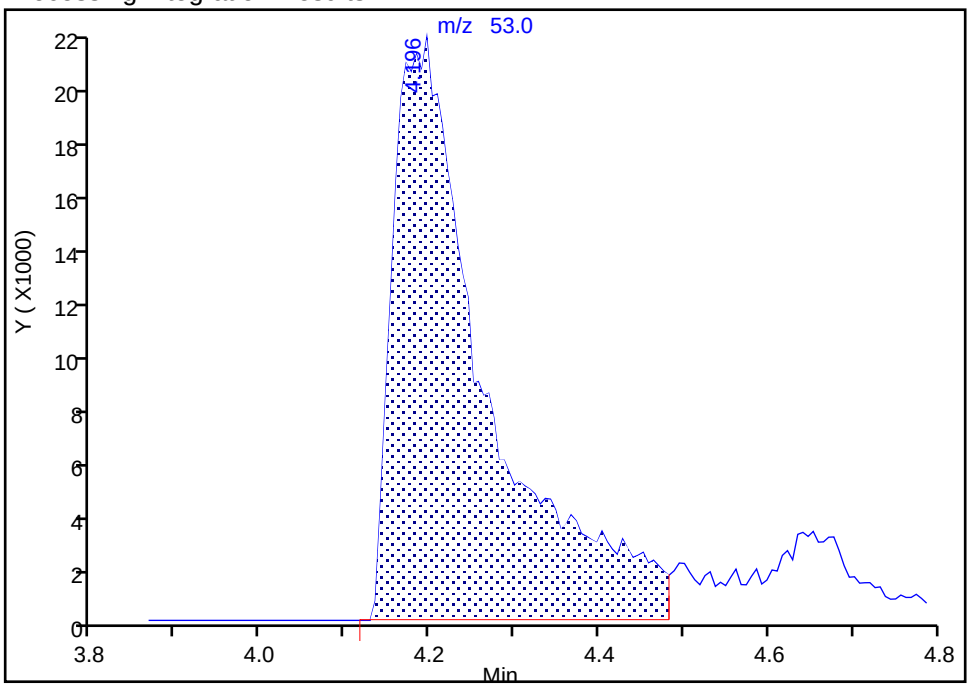
Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X22.D
Injection Date: 09-Jul-2025 07:43:30 Instrument ID: 19094
Lims ID: ICV
Client ID:
Operator ID: gaw91131 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

31 Acrylonitrile, CAS: 107-13-1

Signal: 1

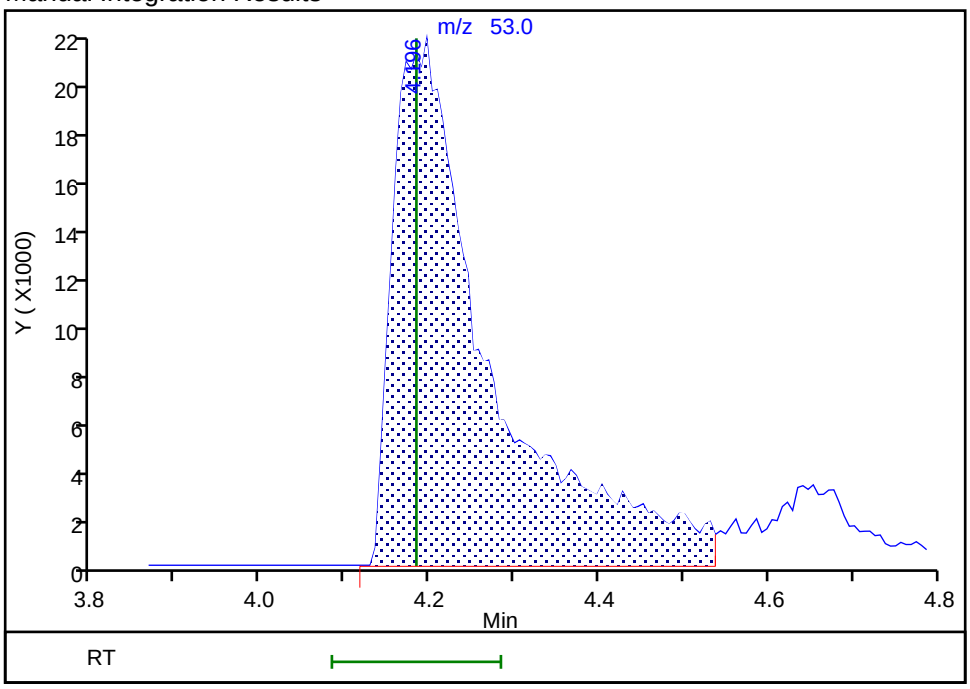
Processing Integration Results

RT: 4.20
Area: 163521
Amount: 26.007567
Amount Units: ug/l



Manual Integration Results

RT: 4.20
Area: 169054
Amount: 26.872052
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 02:10:46 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

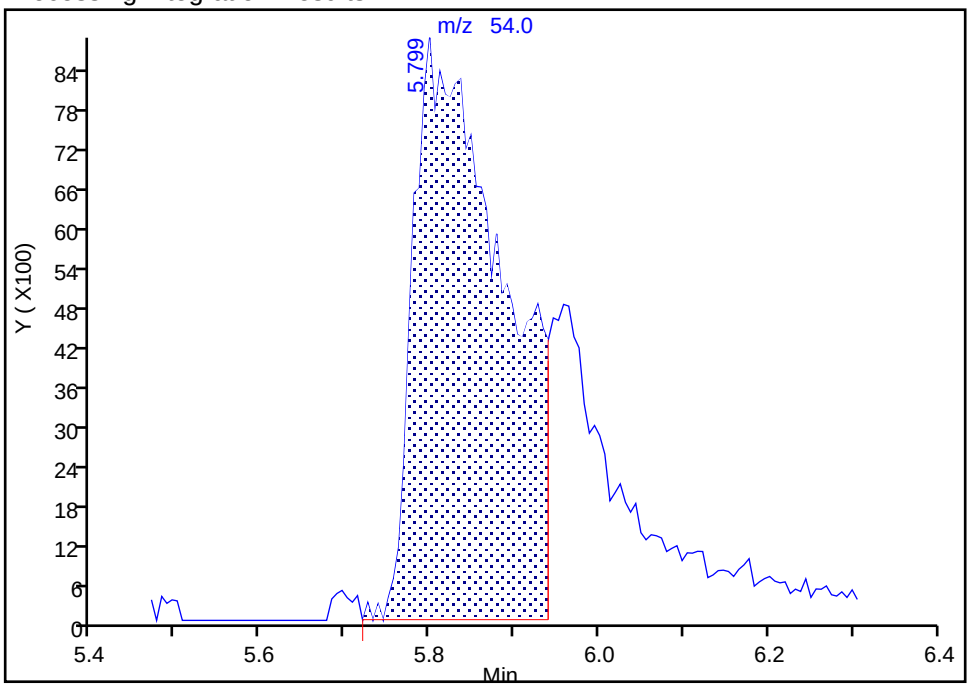
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X22.D				
Injection Date:	09-Jul-2025 07:43:30	Instrument ID:	19094		
Lims ID:	ICV				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

44 Propionitrile, CAS: 107-12-0

Signal: 1

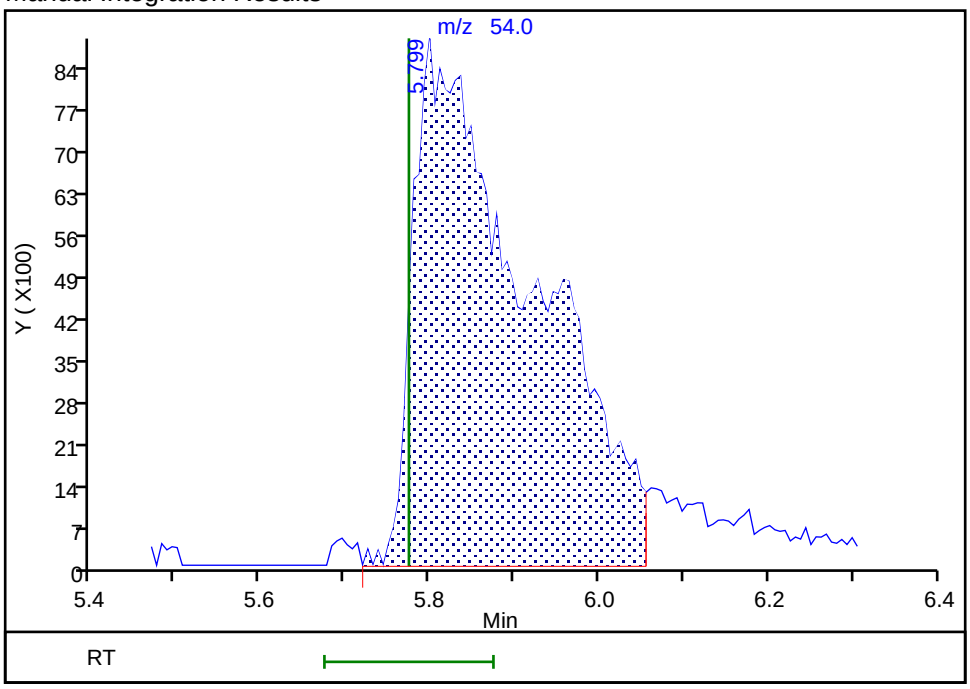
Processing Integration Results

RT: 5.80
Area: 65567
Amount: 30.556488
Amount Units: ug/l



Manual Integration Results

RT: 5.80
Area: 85800
Amount: 39.985765
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 02:11:07 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

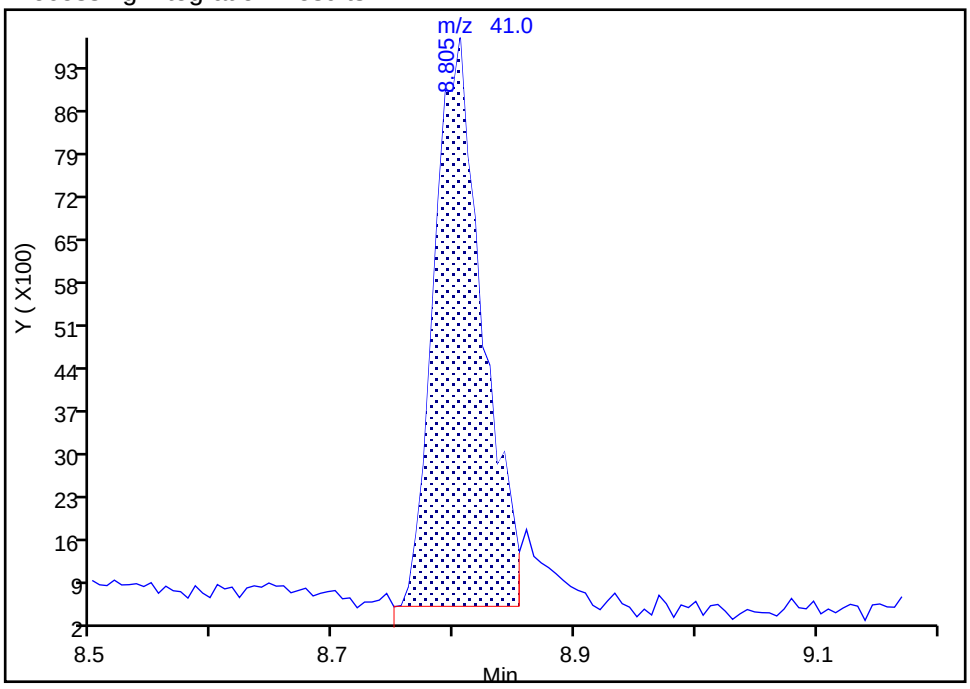
Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X22.D				
Injection Date:	09-Jul-2025 07:43:30	Instrument ID:	19094		
Lims ID:	ICV				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Signal: 1

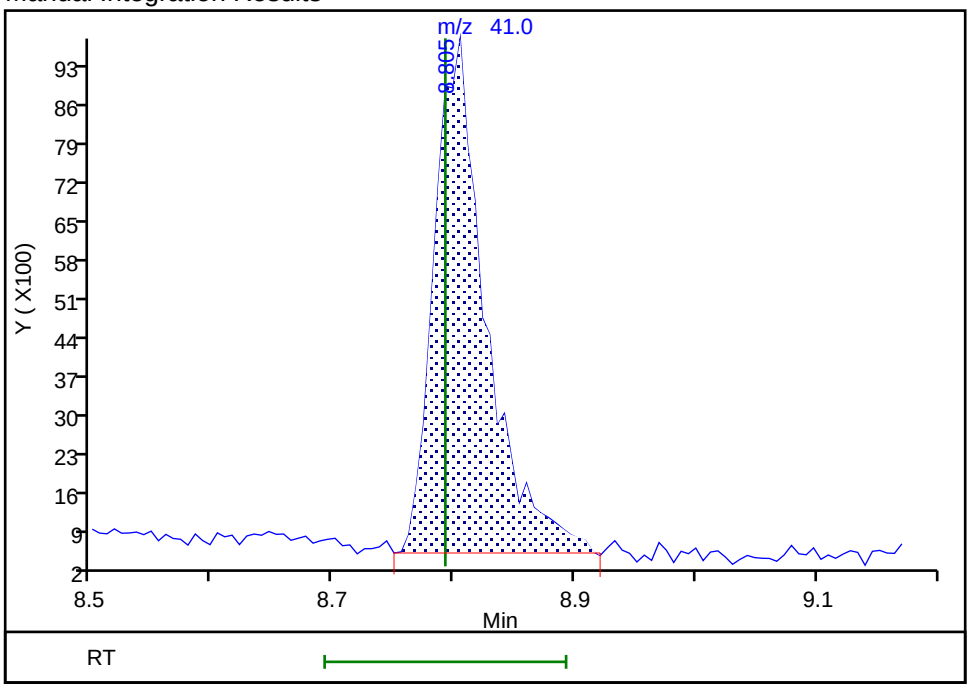
Processing Integration Results

RT: 8.80
Area: 25742
Amount: 4.703338
Amount Units: ug/l



Manual Integration Results

RT: 8.80
Area: 27652
Amount: 5.052316
Amount Units: ug/l



Reviewer: JS6E, 11-Jul-2025 02:11:34 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Lab Sample ID: CCVIS 410-680541/3 Calibration Date: 08/04/2025 20:10

Instrument ID: 19094 Calib Start Date: 07/09/2025 04:17

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 07/09/2025 07:02

Lab File ID: HG04X32.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	0.3244	0.4862	0.1000	15.0	10.0	49.9*	20.0
Chloromethane	Ave	0.4285	0.5079	0.1000	11.9	10.0	18.5	20.0
1,3-Butadiene	Ave	0.4119	0.5151		12.5	10.0	25.1*	20.0
Vinyl chloride	Ave	0.3874	0.4631	0.1000	12.0	10.0	19.5	20.0
Bromomethane	Ave	0.2752	0.2937	0.1000	10.7	10.0	6.7	20.0
Chloroethane	Ave	0.2433	0.2720	0.1000	11.2	10.0	11.8	20.0
Dichlorofluoromethane	Ave	0.6509	0.6825		10.5	10.0	4.9	20.0
Trichlorofluoromethane	Ave	0.5026	0.5934	0.1000	11.8	10.0	18.1	20.0
Ethyl ether	Ave	0.1705	0.2127		12.5	10.0	24.7*	20.0
Freon 123a	Ave	0.3748	0.4202		11.2	10.0	12.1	20.0
Acrolein	Ave	2.895	1.991		336	488	-31.2*	20.0
1,1-Dichloroethene	Ave	0.2539	0.2878	0.1000	11.3	10.0	13.4	20.0
Acetone	Ave	3.552	2.886	0.1000	81.3	100	-18.7	20.0
Freon 113	Ave	0.2492	0.3096	0.1000	12.4	10.0	24.3*	20.0
Methyl iodide	Ave	0.4868	0.5319		10.9	10.0	9.3	20.0
Ethyl bromide	Ave	0.2145	0.2525		11.8	9.99	17.7	20.0
Carbon disulfide	Ave	0.7785	0.8356	0.1000	10.7	10.0	7.3	20.0
Methyl acetate	Ave	8.490	6.807	0.1000	8.02	10.0	-19.8	20.0
Allyl chloride	Ave	0.5013	0.5283		10.5	10.0	5.4	20.0
Methylene Chloride	Ave	0.2663	0.3022	0.1000	11.3	10.0	13.5	20.0
t-Butyl alcohol	Ave	1.088	1.008		185	200	-7.3	20.0
Acrylonitrile	Lin		3.897		22.0	25.0	-12.0	20.0
Methyl tert-butyl ether	Ave	0.5836	0.6500	0.1000	11.1	10.0	11.4	20.0
trans-1,2-Dichloroethene	Ave	0.2813	0.3262	0.1000	11.6	10.0	16.0	20.0
n-Hexane	Ave	0.4269	0.5321		12.5	10.0	24.6*	20.0
1,1-Dichloroethane	Ave	0.5435	0.6269	0.2000	11.5	10.0	15.3	20.0
di-Isopropyl ether	Ave	0.9176	1.047		11.4	10.0	14.1	20.0
2-Chloro-1,3-butadiene	Ave	0.4702	0.5331		11.3	10.0	13.4	20.0
Ethyl t-butyl ether	Ave	0.7956	0.8844		11.1	10.0	11.2	20.0
2-Butanone (MEK)	Ave	6.083	5.075	0.1000	83.4	100	-16.6	20.0
cis-1,2-Dichloroethene	Ave	0.3061	0.3517	0.1000	11.5	10.0	14.9	20.0
2,2-Dichloropropane	Ave	0.4753	0.5229		11.0	10.0	10.0	20.0
Propionitrile	Ave	1.516	1.295		171	200	-14.6	20.0
Methacrylonitrile	Ave	6.120	5.291		86.4	100	-13.6	20.0
Bromochloromethane	Ave	0.1158	0.1369		11.8	10.0	18.3	20.0
Tetrahydrofuran	Ave	1.710	1.447		42.3	50.0	-15.3	20.0
Chloroform	Ave	0.5049	0.5746	0.2000	11.4	10.0	13.8	20.0
1,1,1-Trichloroethane	Ave	0.4721	0.5144	0.1000	10.9	10.0	9.0	20.0
Cyclohexane	Ave	0.5801	0.6525	0.1000	11.2	10.0	12.5	20.0
1,1-Dichloropropene	Ave	0.4357	0.4998		11.5	10.0	14.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Lab Sample ID: CCVIS 410-680541/3 Calibration Date: 08/04/2025 20:10

Instrument ID: 19094 Calib Start Date: 07/09/2025 04:17

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 07/09/2025 07:02

Lab File ID: HG04X32.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	0.3988	0.4516	0.1000	11.3	10.0	13.2	20.0
Isobutyl alcohol	Ave	0.4249	0.3657		430	500	-13.9	20.0
Benzene	Ave	1.239	1.405	0.5000	11.3	10.0	13.4	20.0
1,2-Dichloroethane	Ave	0.2783	0.3109	0.1000	11.2	10.0	11.7	20.0
t-Amyl methyl ether	Ave	0.6885	0.7452		10.8	10.0	8.2	20.0
n-Heptane	Ave	0.4514	0.5498		12.2	10.0	21.8*	20.0
n-Butanol	Lin		0.3099		756	875	-13.5	20.0
Trichloroethene	Ave	0.3245	0.3727	0.2000	11.5	10.0	14.9	20.0
Methylcyclohexane	Ave	0.5648	0.6574	0.1000	11.6	10.0	16.4	20.0
1,2-Dichloropropane	Ave	0.2978	0.3604	0.1000	12.1	10.0	21.0*	20.0
Methyl methacrylate	Ave	12.48	10.30		8.25	10.0	-17.5	20.0
1,4-Dioxane	Lin1		0.0731	0.0050	520	500	3.9	20.0
Dibromomethane	Ave	0.1103	0.1379		12.5	10.0	25.0*	20.0
Bromodichloromethane	Ave	0.3322	0.3899	0.2000	11.7	10.0	17.4	20.0
2-Nitropropane	Ave	3.867	2.805		36.3	50.0	-27.5*	20.0
1-Bromo-2-chloroethane	Ave	0.2658	0.3141		11.8	10.0	18.2	20.0
cis-1,3-Dichloropropene	Ave	0.4066	0.4847	0.2000	11.9	10.0	19.2	20.0
4-Methyl-2-pentanone (MIBK)	Ave	17.33	13.40	0.1000	77.3	100	-22.7*	20.0
Toluene	Ave	1.078	1.091	0.4000	10.1	10.0	1.2	20.0
trans-1,3-Dichloropropene	Ave	0.4270	0.4550	0.1000	10.7	10.0	6.6	20.0
Ethyl methacrylate	Ave	0.3018	0.3275		10.9	10.0	8.5	20.0
1,1,2-Trichloroethane	Ave	0.2394	0.2455	0.1000	10.3	10.0	2.6	20.0
Tetrachloroethene	Ave	0.5092	0.5150	0.2000	10.1	10.0	1.1	20.0
1,3-Dichloropropane	Ave	0.4165	0.4421		10.6	10.0	6.1	20.0
2-Hexanone	Ave	11.07	9.104	0.1000	82.2	100	-17.8	20.0
Dibromochloromethane	Ave	0.2957	0.3106		10.5	10.0	5.1	20.0
1,2-Dibromoethane (EDB)	Ave	0.2077	0.2243	0.1000	10.8	10.0	8.0	20.0
1-Chlorohexane	Ave	0.6787	0.6203		9.14	10.0	-8.6	20.0
Chlorobenzene	Ave	1.140	1.150	0.5000	10.1	10.0	0.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3755	0.3756		10.0	10.0	0.0	20.0
Ethylbenzene	Ave	2.128	2.133	0.1000	10.0	10.0	0.2	20.0
m&p-Xylene	Ave	0.8089	0.8246	0.1000	20.4	20.0	1.9	20.0
o-Xylene	Ave	0.7665	0.7808	0.3000	10.2	10.0	1.9	20.0
Styrene	Ave	1.230	1.265	0.3000	10.3	10.0	2.8	20.0
Bromoform	Ave	0.1528	0.1663	0.1000	10.9	10.0	8.8	20.0
Isopropylbenzene	Ave	1.874	2.094	0.1000	11.2	10.0	11.8	20.0
1,1,2,2-Tetrachloroethane	Ave	0.4928	0.5061	0.3000	10.3	10.0	2.7	20.0
Bromobenzene	Ave	0.7999	0.8082		10.1	10.0	1.0	20.0
trans-1,4-Dichloro-2-butene	Ave	6.404	4.615		72.1	100	-27.9*	20.0
1,2,3-Trichloropropane	Ave	0.1235	0.1331		10.8	10.0	7.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Lab Sample ID: CCVIS 410-680541/3 Calibration Date: 08/04/2025 20:10

Instrument ID: 19094 Calib Start Date: 07/09/2025 04:17

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 07/09/2025 07:02

Lab File ID: HG04X32.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	4.450	4.478		10.1	10.0	0.6	20.0
2-Chlorotoluene	Ave	0.8495	0.8411		9.90	10.0	-1.0	20.0
1,3,5-Trimethylbenzene	Ave	3.114	3.081		9.89	10.0	-1.1	20.0
4-Chlorotoluene	Ave	0.8557	0.8419		9.84	10.0	-1.6	20.0
tert-Butylbenzene	Ave	0.6874	0.6987		10.2	10.0	1.6	20.0
Pentachloroethane	Ave	0.4530	0.4509		9.95	10.0	-0.5	20.0
1,2,4-Trimethylbenzene	Ave	3.161	3.163		10.0	10.0	0.0	20.0
sec-Butylbenzene	Ave	4.013	4.061		10.1	10.0	1.2	20.0
1,3-Dichlorobenzene	Ave	1.600	1.628	0.6000	10.2	10.0	1.7	20.0
p-Isopropyltoluene	Ave	3.439	3.494		10.2	10.0	1.6	20.0
1,4-Dichlorobenzene	Ave	1.648	1.615	0.5000	9.80	10.0	-2.0	20.0
1,2,3-Trimethylbenzene	Ave	1.333	1.291		9.69	10.0	-3.1	20.0
Benzyl chloride	Ave	0.1943	0.2135		11.0	10.0	9.9	20.0
n-Butylbenzene	Ave	1.621	1.723		10.6	10.0	6.3	20.0
1,2-Dichlorobenzene	Ave	1.396	1.414	0.4000	10.1	10.0	1.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0654	0.0679	0.0500	10.4	10.0	3.9	20.0
1,3,5-Trichlorobenzene	Ave	1.175	1.207		10.3	10.0	2.7	20.0
1,2,4-Trichlorobenzene	Ave	0.9406	0.998	0.2000	10.6	10.0	6.1	20.0
Hexachlorobutadiene	Ave	0.4650	0.5183		11.1	10.0	11.5	20.0
Naphthalene	Ave	1.539	1.619		10.5	10.0	5.2	20.0
1,2,3-Trichlorobenzene	Ave	0.7727	0.8323		10.8	10.0	7.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2321	0.2445		10.5	10.0	5.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0421	0.0440		10.5	10.0	4.5	20.0
Toluene-d8 (Surr)	Ave	1.391	1.315		9.45	10.0	-5.5	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5024	0.5064		10.1	10.0	0.8	20.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X32.D
Lims ID: CCVIS VSTD10
Client ID:
Sample Type: CCVIS
Inject. Date: 04-Aug-2025 20:10:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155489-003
Misc. Info.: CCVIS VSTD10
Operator ID: gaw91131 Instrument ID: 19094
Sublist: chrom-MSV_19094_25mL*sub1

Method: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 04-Aug-2025 22:02:28 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1647

First Level Reviewer: JS6E Date: 04-Aug-2025 21:00:37

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	1.824	0.000	99	791734	10.0	15.0	
5 Chloromethane	50	2.013	2.013	0.000	99	827084	10.0	11.9	
7 Butadiene	39	2.105	2.105	0.000	90	838753	10.0	12.5	
6 Vinyl chloride	62	2.123	2.123	0.000	98	754217	10.0	12.0	
9 Bromomethane	94	2.398	2.398	0.000	90	478238	10.0	10.7	
10 Chloroethane	64	2.477	2.477	0.000	100	442937	10.0	11.2	
11 Dichlorofluoromethane	67	2.684	2.684	0.000	97	1111442	10.0	10.5	
12 Trichlorofluoromethane	101	2.696	2.696	0.000	98	966378	10.0	11.8	
14 Ethyl ether	59	2.971	2.971	0.000	93	346494	10.0	12.5	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.032	3.032	0.000	94	684291	10.0	11.2	
16 Acrolein	56	3.123	3.123	0.000	99	1891651	487.9	335.7	
17 1,1-Dichloroethene	96	3.251	3.251	0.000	97	468715	10.0	11.3	
19 Acetone	43	3.288	3.288	0.000	89	561923	100.0	81.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.294	3.294	0.000	92	504167	10.0	12.4	
21 Iodomethane	142	3.428	3.428	0.000	99	866237	10.0	10.9	
22 Ethyl bromide	108	3.452	3.452	0.000	98	410690	9.99	11.8	
23 Carbon disulfide	76	3.531	3.531	0.000	99	1360774	10.0	10.7	
24 Methyl acetate	43	3.666	3.666	0.000	98	132523	10.0	8.02	
26 3-Chloro-1-propene	41	3.684	3.684	0.000	93	860379	10.0	10.5	
27 Methylene Chloride	84	3.848	3.848	0.000	94	492194	10.0	11.3	
* 28 t-Butyl alcohol-d10 (IS)	65	3.861	3.861	0.000	96	97338	50.0	50.0	
29 2-Methyl-2-propanol	59	3.970	3.970	0.000	99	392554	200.0	185.4	M
31 Acrylonitrile	53	4.178	4.178	0.000	99	189639	25.0	22.0	
32 Methyl tert-butyl ether	73	4.214	4.214	0.000	96	1058561	10.0	11.1	
33 trans-1,2-Dichloroethene	96	4.233	4.233	0.000	97	531251	10.0	11.6	
34 Hexane	57	4.653	4.653	0.000	93	866434	10.0	12.5	
36 1,1-Dichloroethane	63	4.885	4.885	0.000	96	1020854	10.0	11.5	
37 Isopropyl ether	45	4.946	4.946	0.000	98	1705037	10.0	11.4	
38 2-Chloro-1,3-butadiene	53	4.995	4.995	0.000	91	868124	10.0	11.3	
40 Tert-butyl ethyl ether	59	5.488	5.488	0.000	98	1440143	10.0	11.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
41 2-Butanone (MEK)	43	5.696	5.696	0.000	100	988035	100.0	83.4	
42 cis-1,2-Dichloroethene	96	5.732	5.732	0.000	83	572773	10.0	11.5	
43 2,2-Dichloropropane	77	5.738	5.738	0.000	88	851467	10.0	11.0	
44 Propionitrile	54	5.787	5.787	0.000	99	504054	200.0	170.8	
47 Methacrylonitrile	67	5.994	5.994	0.000	92	1029945	100.0	86.4	
48 Chlorobromomethane	128	6.068	6.068	0.000	97	223019	10.0	11.8	
49 Tetrahydrofuran	71	6.080	6.080	0.000	81	140887	50.0	42.3	
50 Chloroform	83	6.220	6.220	0.000	94	935770	10.0	11.4	
$ 52 Dibromofluoromethane (Surr)	113	6.446	6.446	0.000	94	398199	10.0	10.5	
53 1,1,1-Trichloroethane	97	6.458	6.458	0.000	99	837698	10.0	10.9	
54 Cyclohexane	56	6.555	6.555	0.000	91	1062535	10.0	11.2	
55 1,1-Dichloropropene	75	6.671	6.671	0.000	96	813975	10.0	11.5	
56 Carbon tetrachloride	117	6.671	6.671	0.000	96	735467	10.0	11.3	
57 Isobutyl alcohol	41	6.824	6.824	0.000	95	355990	500.0	430.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.903	0.000	97	71631	10.0	10.5	
59 Benzene	78	6.933	6.933	0.000	97	2287811	10.0	11.3	
60 1,2-Dichloroethane	62	7.006	7.006	0.000	97	506272	10.0	11.2	
63 Tert-amyl methyl ether	73	7.134	7.134	0.000	99	1213506	10.0	10.8	
* 64 Fluorobenzene (IS)	96	7.348	7.348	0.000	99	1628471	10.0	10.0	
65 n-Heptane	43	7.378	7.378	0.000	94	895408	10.0	12.2	
67 n-Butanol	56	7.732	7.732	0.000	89	527875	875.0	756.5	
68 Trichloroethene	95	7.842	7.842	0.000	99	606856	10.0	11.5	
69 Methylcyclohexane	83	8.159	8.159	0.000	93	1070604	10.0	11.6	
70 1,2-Dichloropropane	63	8.177	8.177	0.000	98	586930	10.0	12.1	
71 2-ethoxy-2-methyl butane	87	8.195	8.195	0.000	92	819978	10.0	11.2	
72 Methyl methacrylate	69	8.274	8.274	0.000	92	200469	10.0	8.25	
73 1,4-Dioxane	88	8.281	8.281	0.000	37	71130	500.0	519.6	
74 Dibromomethane	93	8.287	8.287	0.000	96	224643	10.0	12.5	
76 Dichlorobromomethane	83	8.531	8.531	0.000	99	634974	10.0	11.7	
77 2-Nitropropane	41	8.793	8.793	0.000	98	273063	50.0	36.3	
79 1-Bromo-2-chloroethane	63	8.927	8.927	0.000	99	511556	10.0	11.8	
80 cis-1,3-Dichloropropene	75	9.097	9.097	0.000	96	789286	10.0	11.9	
82 4-Methyl-2-pentanone (MIBK)	43	9.280	9.280	0.000	97	2609066	100.0	77.3	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	93	1756615	10.0	9.45	
84 Toluene	92	9.506	9.506	0.000	98	1457949	10.0	10.1	
85 trans-1,3-Dichloropropene	75	9.786	9.786	0.000	93	607849	10.0	10.7	
104 Ethyl methacrylate	69	9.860	9.860	0.000	90	437518	10.0	10.9	
106 1,1,2-Trichloroethane	97	10.000	10.000	0.000	91	327933	10.0	10.3	
107 Tetrachloroethene	166	10.091	10.091	0.000	98	687875	10.0	10.1	
108 1,3-Dichloropropane	76	10.164	10.164	0.000	91	590503	10.0	10.6	
109 2-Hexanone	43	10.225	10.225	0.000	97	1772410	100.0	82.2	
111 Chlorodibromomethane	129	10.390	10.390	0.000	90	414904	10.0	10.5	
112 Ethylene Dibromide	107	10.506	10.506	0.000	99	299603	10.0	10.8	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	93	1335791	10.0	10.0	
114 1-Chlorohexane	91	10.963	10.963	0.000	98	828537	10.0	9.14	
115 Chlorobenzene	112	10.975	10.975	0.000	94	1535692	10.0	10.1	
116 1,1,1,2-Tetrachloroethane	131	11.060	11.060	0.000	96	501744	10.0	10.0	
117 Ethylbenzene	91	11.067	11.067	0.000	99	2848966	10.0	10.0	
119 m-Xylene & p-Xylene	106	11.189	11.189	0.000	100	2202872	20.0	20.4	
120 o-Xylene	106	11.518	11.518	0.000	97	1042948	10.0	10.2	
121 Styrene	104	11.536	11.536	0.000	94	1690158	10.0	10.3	
122 Bromoform	173	11.695	11.695	0.000	98	222203	10.0	10.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
123 Isopropylbenzene	105	11.829	11.829	0.000	96	2797121	10.0	11.2	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	676487	10.0	10.1	
127 1,1,2,2-Tetrachloroethane	83	12.072	12.072	0.000	93	385266	10.0	10.3	
128 Bromobenzene	156	12.085	12.085	0.000	95	615212	10.0	10.1	
129 trans-1,4-Dichloro-2-butene	53	12.103	12.103	0.000	91	898384	100.0	72.1	
130 1,2,3-Trichloropropane	110	12.121	12.121	0.000	80	101348	10.0	10.8	
131 N-Propylbenzene	91	12.164	12.164	0.000	99	3409030	10.0	10.1	
132 2-Chlorotoluene	126	12.237	12.237	0.000	96	640295	10.0	9.90	
133 1,3,5-Trimethylbenzene	105	12.298	12.298	0.000	93	2345337	10.0	9.89	
134 4-Chlorotoluene	126	12.329	12.329	0.000	98	640871	10.0	9.84	
135 tert-Butylbenzene	134	12.542	12.542	0.000	93	531870	10.0	10.2	
136 Pentachloroethane	167	12.572	12.572	0.000	92	343262	10.0	9.95	
137 1,2,4-Trimethylbenzene	105	12.585	12.585	0.000	97	2407637	10.0	10.0	
138 sec-Butylbenzene	105	12.707	12.707	0.000	94	3091354	10.0	10.1	
139 1,3-Dichlorobenzene	146	12.804	12.804	0.000	98	1239316	10.0	10.2	
140 4-Isopropyltoluene	119	12.816	12.816	0.000	97	2659910	10.0	10.2	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	93	761243	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.883	12.883	0.000	94	1229223	10.0	9.80	
143 1,2,3-Trimethylbenzene	120	12.889	12.889	0.000	99	982760	10.0	9.69	
144 Benzyl chloride	126	12.956	12.956	0.000	98	162490	10.0	11.0	
145 p-Diethylbenzene	119	13.091	13.091	0.000	94	1569648	10.0	10.2	
146 n-Butylbenzene	92	13.109	13.109	0.000	97	1311252	10.0	10.6	
147 1,2-Dichlorobenzene	146	13.139	13.139	0.000	98	1076268	10.0	10.1	
149 1,2-Dibromo-3-Chloropropane	155	13.688	13.688	0.000	86	51713	10.0	10.4	
150 1,3,5-Trichlorobenzene	180	13.810	13.810	0.000	98	918724	10.0	10.3	
151 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	759995	10.0	10.6	
152 Hexachlorobutadiene	225	14.322	14.322	0.000	96	394532	10.0	11.1	
153 Naphthalene	128	14.413	14.413	0.000	97	1232300	10.0	10.5	
154 1,2,3-Trichlorobenzene	180	14.554	14.554	0.000	96	633576	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_#1_826_00172	Amount Added: 20.00	Units: uL	
MSV_LL_#2_826_00187	Amount Added: 20.00	Units: uL	
MSV_LL_GAS826_00283	Amount Added: 20.00	Units: uL	
MSV_LLcentISS_00017	Amount Added: 5.00	Units: uL	Run Reagent

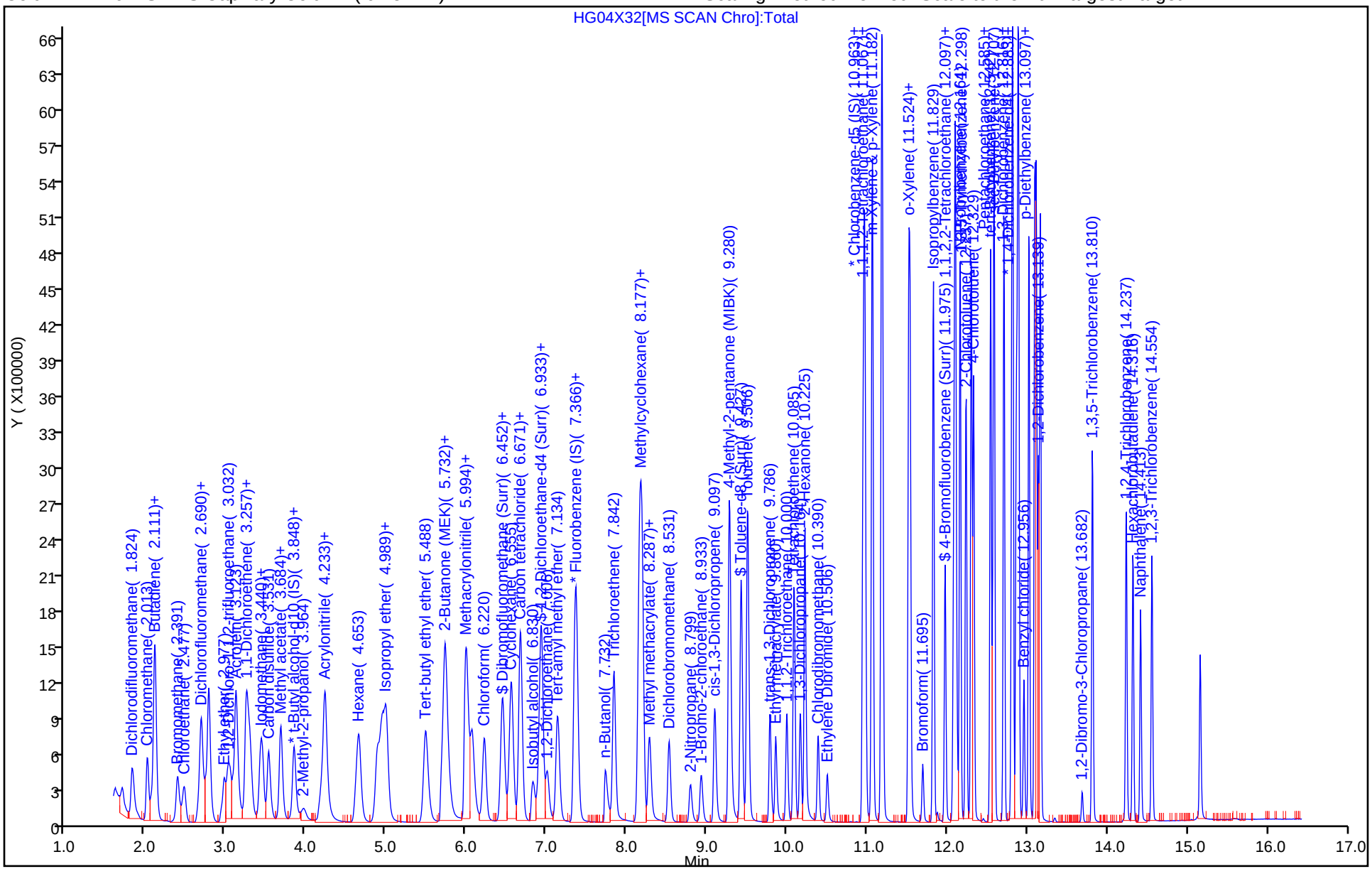
Report Date: 04-Aug-2025 22:02:28 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X32.D

Injection Date:	04-Aug-2025 20:10:30	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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

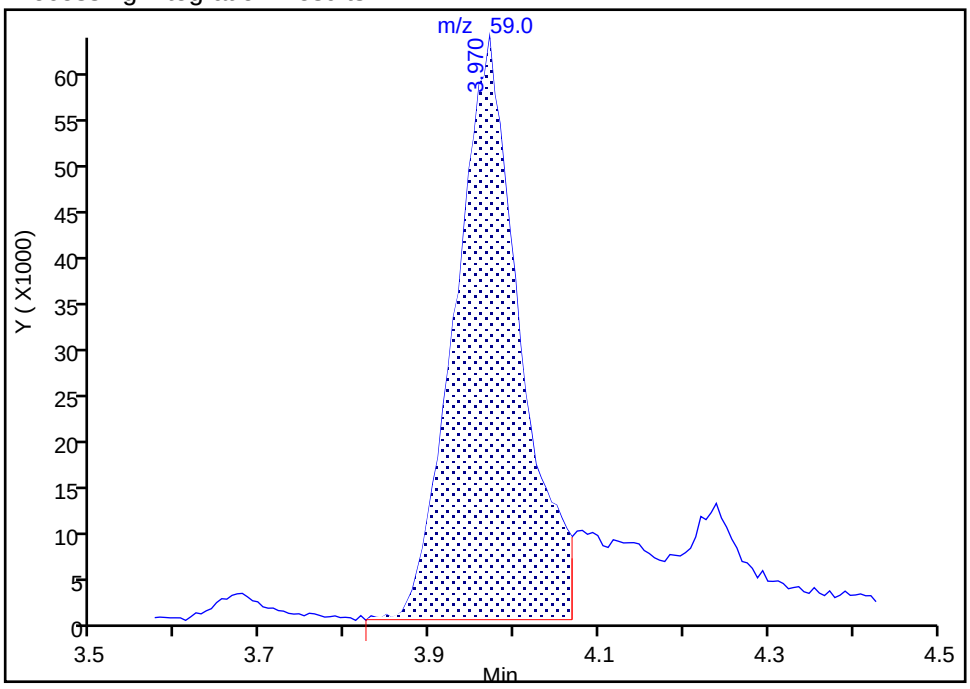
Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X32.D				
Injection Date:	04-Aug-2025 20:10:30	Instrument ID:	19094		
Lims ID:	CCVIS VSTD10				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

29 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

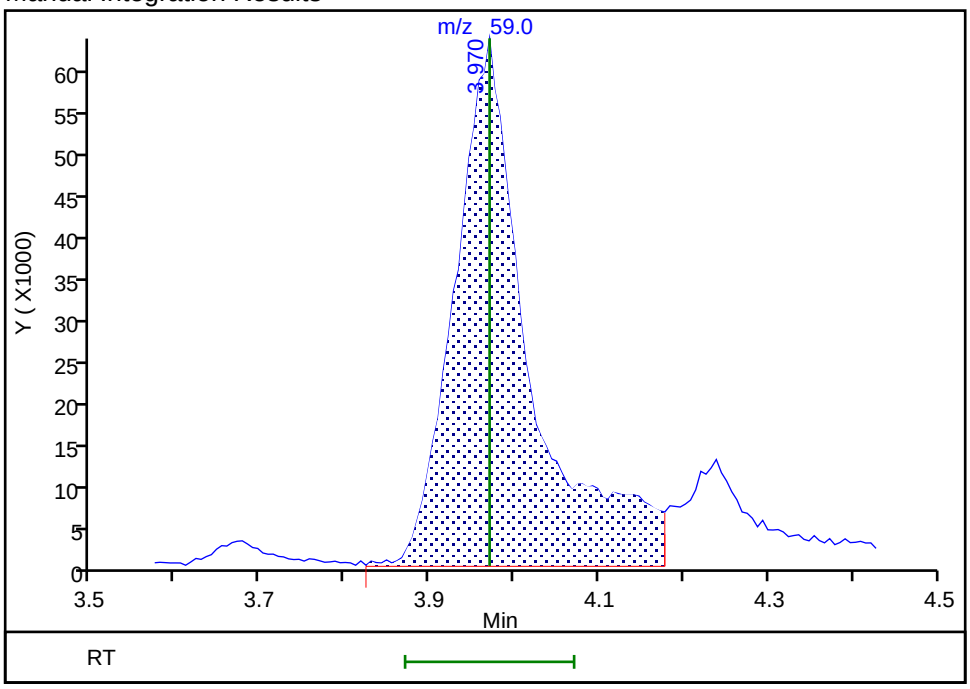
Processing Integration Results

RT: 3.97
Area: 338115
Amount: 159.6694
Amount Units: ug/l



Manual Integration Results

RT: 3.97
Area: 392554
Amount: 185.3773
Amount Units: ug/l



Reviewer: JS6E, 04-Aug-2025 20:42:36 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Lab Sample ID: CCVIS 410-681140/3 Calibration Date: 08/05/2025 19:22

Instrument ID: 19094 Calib Start Date: 07/09/2025 04:17

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 07/09/2025 07:02

Lab File ID: HG05X32.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	0.3244	0.4234	0.1000	13.1	10.0	30.5*	20.0
Chloromethane	Ave	0.4285	0.4186	0.1000	9.77	10.0	-2.3	20.0
1,3-Butadiene	Ave	0.4119	0.4580		11.1	10.0	11.2	20.0
Vinyl chloride	Ave	0.3874	0.4086	0.1000	10.5	10.0	5.5	20.0
Bromomethane	Ave	0.2752	0.2725	0.1000	9.90	10.0	-1.0	20.0
Chloroethane	Ave	0.2433	0.2483	0.1000	10.2	10.0	2.1	20.0
Dichlorofluoromethane	Ave	0.6509	0.6181		9.50	10.0	-5.0	20.0
Trichlorofluoromethane	Ave	0.5026	0.5324	0.1000	10.6	10.0	5.9	20.0
Ethyl ether	Ave	0.1705	0.1940		11.4	10.0	13.8	20.0
Freon 123a	Ave	0.3748	0.3856		10.3	10.0	2.9	20.0
Acrolein	Ave	2.895	2.315		390	488	-20.0	20.0
1,1-Dichloroethene	Ave	0.2539	0.2613	0.1000	10.3	10.0	2.9	20.0
Acetone	Ave	3.552	3.200	0.1000	90.1	100	-9.9	20.0
Freon 113	Ave	0.2492	0.2806	0.1000	11.3	10.0	12.6	20.0
Methyl iodide	Ave	0.4868	0.4845		9.95	10.0	-0.5	20.0
Ethyl bromide	Ave	0.2145	0.2304		10.7	9.99	7.4	20.0
Carbon disulfide	Ave	0.7785	0.7669	0.1000	9.85	10.0	-1.5	20.0
Methyl acetate	Ave	8.490	8.363	0.1000	9.85	10.0	-1.5	20.0
Allyl chloride	Ave	0.5013	0.4913		9.80	10.0	-2.0	20.0
Methylene Chloride	Ave	0.2663	0.2734	0.1000	10.3	10.0	2.6	20.0
t-Butyl alcohol	Ave	1.088	1.055		194	200	-3.0	20.0
Acrylonitrile	Lin		3.957		22.3	25.0	-10.7	20.0
Methyl tert-butyl ether	Ave	0.5836	0.5903	0.1000	10.1	10.0	1.2	20.0
trans-1,2-Dichloroethene	Ave	0.2813	0.2961	0.1000	10.5	10.0	5.3	20.0
n-Hexane	Ave	0.4269	0.4837		11.3	10.0	13.3	20.0
1,1-Dichloroethane	Ave	0.5435	0.5789	0.2000	10.6	10.0	6.5	20.0
di-Isopropyl ether	Ave	0.9176	0.9638		10.5	10.0	5.0	20.0
2-Chloro-1,3-butadiene	Ave	0.4702	0.4950		10.5	10.0	5.3	20.0
Ethyl t-butyl ether	Ave	0.7956	0.8205		10.3	10.0	3.1	20.0
2-Butanone (MEK)	Ave	6.083	6.145	0.1000	101	100	1.0	20.0
cis-1,2-Dichloroethene	Ave	0.3061	0.3274	0.1000	10.7	10.0	7.0	20.0
2,2-Dichloropropane	Ave	0.4753	0.4859		10.2	10.0	2.2	20.0
Propionitrile	Ave	1.516	1.708		225	200	12.6	20.0
Methacrylonitrile	Ave	6.120	6.168		101	100	0.8	20.0
Bromochloromethane	Ave	0.1158	0.1272		11.0	10.0	9.8	20.0
Tetrahydrofuran	Ave	1.710	1.766		51.6	50.0	3.3	20.0
Chloroform	Ave	0.5049	0.5405	0.2000	10.7	10.0	7.0	20.0
1,1,1-Trichloroethane	Ave	0.4721	0.4810	0.1000	10.2	10.0	1.9	20.0
Cyclohexane	Ave	0.5801	0.6156	0.1000	10.6	10.0	6.1	20.0
1,1-Dichloropropene	Ave	0.4357	0.4694		10.8	10.0	7.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Lab Sample ID: CCVIS 410-681140/3 Calibration Date: 08/05/2025 19:22

Instrument ID: 19094 Calib Start Date: 07/09/2025 04:17

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 07/09/2025 07:02

Lab File ID: HG05X32.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	0.3988	0.4262	0.1000	10.7	10.0	6.9	20.0
Isobutyl alcohol	Ave	0.4249	0.4146		488	500	-2.4	20.0
Benzene	Ave	1.239	1.331	0.5000	10.7	10.0	7.4	20.0
1,2-Dichloroethane	Ave	0.2783	0.2919	0.1000	10.5	10.0	4.9	20.0
t-Amyl methyl ether	Ave	0.6885	0.7009		10.2	10.0	1.8	20.0
n-Heptane	Ave	0.4514	0.5186		11.5	10.0	14.9	20.0
n-Butanol	Lin		0.3529		856	875	-2.1	20.0
Trichloroethene	Ave	0.3245	0.3481	0.2000	10.7	10.0	7.3	20.0
Methylcyclohexane	Ave	0.5648	0.6173	0.1000	10.9	10.0	9.3	20.0
1,2-Dichloropropane	Ave	0.2978	0.3427	0.1000	11.5	10.0	15.1	20.0
1,4-Dioxane	Lin1		0.0731	0.0050	520	500	4.0	20.0
Methyl methacrylate	Ave	12.48	12.56		10.1	10.0	0.6	20.0
Dibromomethane	Ave	0.1103	0.1310		11.9	10.0	18.7	20.0
Bromodichloromethane	Ave	0.3322	0.3698	0.2000	11.1	10.0	11.3	20.0
2-Nitropropane	Ave	3.867	3.447		44.6	50.0	-10.9	20.0
1-Bromo-2-chloroethane	Ave	0.2658	0.2983		11.2	10.0	12.3	20.0
cis-1,3-Dichloropropene	Ave	0.4066	0.4601	0.2000	11.3	10.0	13.2	20.0
4-Methyl-2-pentanone (MIBK)	Ave	17.33	16.09	0.1000	92.8	100	-7.2	20.0
Toluene	Ave	1.078	1.121	0.4000	10.4	10.0	4.0	20.0
trans-1,3-Dichloropropene	Ave	0.4270	0.4683	0.1000	11.0	10.0	9.7	20.0
Ethyl methacrylate	Ave	0.3018	0.3335		11.1	10.0	10.5	20.0
1,1,2-Trichloroethane	Ave	0.2394	0.2446	0.1000	10.2	10.0	2.2	20.0
Tetrachloroethene	Ave	0.5092	0.5257	0.2000	10.3	10.0	3.2	20.0
1,3-Dichloropropane	Ave	0.4165	0.4499		10.8	10.0	8.0	20.0
2-Hexanone	Ave	11.07	10.84	0.1000	97.9	100	-2.1	20.0
Dibromochloromethane	Ave	0.2957	0.3187		10.8	10.0	7.8	20.0
1,2-Dibromoethane (EDB)	Ave	0.2077	0.2299	0.1000	11.1	10.0	10.7	20.0
1-Chlorohexane	Ave	0.6787	0.6314		9.30	10.0	-7.0	20.0
Chlorobenzene	Ave	1.140	1.178	0.5000	10.3	10.0	3.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3755	0.3879		10.3	10.0	3.3	20.0
Ethylbenzene	Ave	2.128	2.184	0.1000	10.3	10.0	2.6	20.0
m&p-Xylene	Ave	0.8089	0.8366	0.1000	20.7	20.0	3.4	20.0
o-Xylene	Ave	0.7665	0.7937	0.3000	10.4	10.0	3.5	20.0
Styrene	Ave	1.230	1.283	0.3000	10.4	10.0	4.2	20.0
Bromoform	Ave	0.1528	0.1689	0.1000	11.0	10.0	10.5	20.0
Isopropylbenzene	Ave	1.874	2.145	0.1000	11.4	10.0	14.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.4928	0.5234	0.3000	10.6	10.0	6.2	20.0
Bromobenzene	Ave	0.7999	0.8425		10.5	10.0	5.3	20.0
trans-1,4-Dichloro-2-butene	Ave	6.404	5.640		88.1	100	-11.9	20.0
1,2,3-Trichloropropane	Ave	0.1235	0.1404		11.4	10.0	13.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Lab Sample ID: CCVIS 410-681140/3 Calibration Date: 08/05/2025 19:22

Instrument ID: 19094 Calib Start Date: 07/09/2025 04:17

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 07/09/2025 07:02

Lab File ID: HG05X32.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	4.450	4.714		10.6	10.0	5.9	20.0
2-Chlorotoluene	Ave	0.8495	0.8889		10.5	10.0	4.6	20.0
1,3,5-Trimethylbenzene	Ave	3.114	3.254		10.4	10.0	4.5	20.0
4-Chlorotoluene	Ave	0.8557	0.8971		10.5	10.0	4.8	20.0
tert-Butylbenzene	Ave	0.6874	0.7364		10.7	10.0	7.1	20.0
Pentachloroethane	Ave	0.4530	0.4722		10.4	10.0	4.2	20.0
1,2,4-Trimethylbenzene	Ave	3.161	3.348		10.6	10.0	5.9	20.0
sec-Butylbenzene	Ave	4.013	4.247		10.6	10.0	5.8	20.0
1,3-Dichlorobenzene	Ave	1.600	1.712	0.6000	10.7	10.0	7.0	20.0
p-Isopropyltoluene	Ave	3.439	3.635		10.6	10.0	5.7	20.0
1,4-Dichlorobenzene	Ave	1.648	1.703	0.5000	10.3	10.0	3.3	20.0
1,2,3-Trimethylbenzene	Ave	1.333	1.374		10.3	10.0	3.1	20.0
Benzyl chloride	Ave	0.1943	0.2220		11.4	10.0	14.2	20.0
n-Butylbenzene	Ave	1.621	1.792		11.1	10.0	10.5	20.0
1,2-Dichlorobenzene	Ave	1.396	1.484	0.4000	10.6	10.0	6.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0654	0.0726	0.0500	11.1	10.0	11.0	20.0
1,3,5-Trichlorobenzene	Ave	1.175	1.271		10.8	10.0	8.2	20.0
1,2,4-Trichlorobenzene	Ave	0.9406	1.043	0.2000	11.1	10.0	10.8	20.0
Hexachlorobutadiene	Ave	0.4650	0.5415		11.6	10.0	16.5	20.0
Naphthalene	Ave	1.539	1.688		11.0	10.0	9.7	20.0
1,2,3-Trichlorobenzene	Ave	0.7727	0.8761		11.3	10.0	13.4	20.0
Dibromofluoromethane (Surr)	Ave	0.2321	0.2331		10.0	10.0	0.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0421	0.0434		10.3	10.0	3.0	20.0
Toluene-d8 (Surr)	Ave	1.391	1.365		9.81	10.0	-1.9	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5024	0.4956		9.87	10.0	-1.3	20.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X32.D
Lims ID: CCVIS VSTD10
Client ID:
Sample Type: CCVIS
Inject. Date: 05-Aug-2025 19:22:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155612-003
Misc. Info.: CCVIS VSTD10
Operator ID: gaw91131 Instrument ID: 19094
Sublist: chrom-MSV_19094_25mL*sub1

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Aug-2025 21:20:17 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1700

First Level Reviewer: JS6E Date: 05-Aug-2025 19:55:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.819	1.819	0.000	99	814803	10.0	13.1	
5 Chloromethane	50	2.008	2.008	0.000	99	805421	10.0	9.77	
7 Butadiene	39	2.099	2.099	0.000	91	881202	10.0	11.1	
6 Vinyl chloride	62	2.111	2.111	0.000	98	786272	10.0	10.5	
9 Bromomethane	94	2.392	2.392	0.000	91	524318	10.0	9.90	
10 Chloroethane	64	2.471	2.471	0.000	100	477817	10.0	10.2	
11 Dichlorofluoromethane	67	2.684	2.684	0.000	97	1189391	10.0	9.50	
12 Trichlorofluoromethane	101	2.690	2.690	0.000	98	1024371	10.0	10.6	
14 Ethyl ether	59	2.965	2.965	0.000	94	373484	10.0	11.4	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.032	3.032	0.000	94	742012	10.0	10.3	
16 Acrolein	56	3.117	3.117	0.000	99	2045369	487.9	390.3	
17 1,1-Dichloroethene	96	3.245	3.245	0.000	97	502794	10.0	10.3	
19 Acetone	43	3.276	3.276	0.000	100	579336	100.0	90.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.288	3.288	0.000	93	539862	10.0	11.3	
21 Iodomethane	142	3.422	3.422	0.000	99	932210	10.0	9.95	
22 Ethyl bromide	108	3.446	3.446	0.000	98	442840	9.99	10.7	
23 Carbon disulfide	76	3.526	3.526	0.000	99	1475762	10.0	9.85	
24 Methyl acetate	43	3.660	3.660	0.000	97	151399	10.0	9.85	M
26 3-Chloro-1-propene	41	3.678	3.678	0.000	93	945272	10.0	9.80	
27 Methylene Chloride	84	3.843	3.843	0.000	94	526022	10.0	10.3	
* 28 t-Butyl alcohol-d10 (IS)	65	3.855	3.855	0.000	56	90519	50.0	50.0	
29 2-Methyl-2-propanol	59	3.952	3.952	0.000	100	382171	200.0	194.1	
31 Acrylonitrile	53	4.178	4.178	0.000	99	179104	25.0	22.3	
32 Methyl tert-butyl ether	73	4.208	4.208	0.000	96	1135895	10.0	10.1	
33 trans-1,2-Dichloroethene	96	4.233	4.233	0.000	98	569780	10.0	10.5	
34 Hexane	57	4.647	4.647	0.000	94	930745	10.0	11.3	
36 1,1-Dichloroethane	63	4.879	4.879	0.000	96	1113843	10.0	10.6	
37 Isopropyl ether	45	4.946	4.946	0.000	95	1854593	10.0	10.5	
38 2-Chloro-1,3-butadiene	53	4.989	4.989	0.000	91	952522	10.0	10.5	
40 Tert-butyl ethyl ether	59	5.489	5.489	0.000	98	1578899	10.0	10.3	

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	1112536	100.0	101.0	
42 cis-1,2-Dichloroethene	96	5.726	5.726	0.000	84	630023	10.0	10.7	
43 2,2-Dichloropropane	77	5.739	5.739	0.000	87	934976	10.0	10.2	
44 Propionitrile	54	5.775	5.775	0.000	99	618297	200.0	225.3	
47 Methacrylonitrile	67	5.988	5.988	0.000	92	1116712	100.0	100.8	
48 Chlorobromomethane	128	6.062	6.062	0.000	97	244709	10.0	11.0	
49 Tetrahydrofuran	71	6.080	6.080	0.000	79	159828	50.0	51.6	
50 Chloroform	83	6.220	6.220	0.000	94	1039971	10.0	10.7	
$ 52 Dibromofluoromethane (Surr)	113	6.440	6.440	0.000	93	448545	10.0	10.0	
53 1,1,1-Trichloroethane	97	6.452	6.452	0.000	99	925452	10.0	10.2	
54 Cyclohexane	56	6.555	6.555	0.000	92	1184449	10.0	10.6	
55 1,1-Dichloropropene	75	6.671	6.671	0.000	96	903314	10.0	10.8	
56 Carbon tetrachloride	117	6.671	6.671	0.000	81	820091	10.0	10.7	
57 Isobutyl alcohol	41	6.824	6.824	0.000	96	375286	500.0	487.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.897	6.897	0.000	93	83444	10.0	10.3	
59 Benzene	78	6.933	6.933	0.000	97	2560233	10.0	10.7	
60 1,2-Dichloroethane	62	7.007	7.007	0.000	97	561634	10.0	10.5	
63 Tert-amyl methyl ether	73	7.135	7.135	0.000	99	1348582	10.0	10.2	
* 64 Fluorobenzene (IS)	96	7.348	7.348	0.000	99	1924202	10.0	10.0	
65 n-Heptane	43	7.372	7.372	0.000	93	997912	10.0	11.5	
67 n-Butanol	56	7.732	7.732	0.000	90	559040	875.0	856.4	
68 Trichloroethene	95	7.836	7.836	0.000	99	669905	10.0	10.7	
69 Methylcyclohexane	83	8.153	8.153	0.000	93	1187789	10.0	10.9	
70 1,2-Dichloropropane	63	8.171	8.171	0.000	87	659422	10.0	11.5	
71 2-ethoxy-2-methyl butane	87	8.195	8.195	0.000	93	918864	10.0	10.6	
72 Methyl methacrylate	69	8.275	8.275	0.000	92	227316	10.0	10.1	
73 1,4-Dioxane	88	8.275	8.275	0.000	36	66171	500.0	519.8	
74 Dibromomethane	93	8.287	8.287	0.000	97	251990	10.0	11.9	
76 Dichlorobromomethane	83	8.525	8.525	0.000	99	711475	10.0	11.1	
77 2-Nitropropane	41	8.793	8.793	0.000	98	312024	50.0	44.6	
79 1-Bromo-2-chloroethane	63	8.927	8.927	0.000	99	574058	10.0	11.2	
80 cis-1,3-Dichloropropene	75	9.098	9.098	0.000	96	885347	10.0	11.3	
82 4-Methyl-2-pentanone (MIBK)	43	9.281	9.281	0.000	97	2912384	100.0	92.8	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1998783	10.0	9.81	
84 Toluene	92	9.506	9.506	0.000	98	1641421	10.0	10.4	
85 trans-1,3-Dichloropropene	75	9.787	9.787	0.000	93	685729	10.0	11.0	
104 Ethyl methacrylate	69	9.860	9.860	0.000	90	488409	10.0	11.1	
106 1,1,2-Trichloroethane	97	10.000	10.000	0.000	90	358111	10.0	10.2	
107 Tetrachloroethene	166	10.091	10.091	0.000	98	769804	10.0	10.3	
108 1,3-Dichloropropane	76	10.164	10.164	0.000	91	658830	10.0	10.8	
109 2-Hexanone	43	10.225	10.225	0.000	97	1962766	100.0	97.9	
111 Chlorodibromomethane	129	10.390	10.390	0.000	90	466685	10.0	10.8	
112 Ethylene Dibromide	107	10.506	10.506	0.000	99	336625	10.0	11.1	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	92	1464309	10.0	10.0	
114 1-Chlorohexane	91	10.963	10.963	0.000	97	924586	10.0	9.30	
115 Chlorobenzene	112	10.975	10.975	0.000	94	1724404	10.0	10.3	
116 1,1,1,2-Tetrachloroethane	131	11.061	11.061	0.000	96	567953	10.0	10.3	
117 Ethylbenzene	91	11.067	11.067	0.000	98	3197394	10.0	10.3	
119 m-Xylene & p-Xylene	106	11.189	11.189	0.000	100	2450187	20.0	20.7	
120 o-Xylene	106	11.518	11.518	0.000	97	1162193	10.0	10.4	
121 Styrene	104	11.536	11.536	0.000	95	1878071	10.0	10.4	
122 Bromoform	173	11.695	11.695	0.000	98	247267	10.0	11.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
123 Isopropylbenzene	105	11.829	11.829	0.000	96	3140461	10.0	11.4	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	725753	10.0	9.87	
127 1,1,2,2-Tetrachloroethane	83	12.079	12.079	0.000	92	422366	10.0	10.6	
128 Bromobenzene	156	12.091	12.091	0.000	95	679917	10.0	10.5	
129 trans-1,4-Dichloro-2-butene	53	12.103	12.103	0.000	91	1020999	100.0	88.1	
130 1,2,3-Trichloropropane	110	12.121	12.121	0.000	80	113314	10.0	11.4	
131 N-Propylbenzene	91	12.164	12.164	0.000	99	3803971	10.0	10.6	
132 2-Chlorotoluene	126	12.237	12.237	0.000	97	717322	10.0	10.5	
133 1,3,5-Trimethylbenzene	105	12.304	12.304	0.000	93	2625748	10.0	10.4	
134 4-Chlorotoluene	126	12.329	12.329	0.000	98	723953	10.0	10.5	
135 tert-Butylbenzene	134	12.542	12.542	0.000	93	594287	10.0	10.7	
136 Pentachloroethane	167	12.573	12.573	0.000	90	381047	10.0	10.4	
137 1,2,4-Trimethylbenzene	105	12.585	12.585	0.000	97	2701652	10.0	10.6	
138 sec-Butylbenzene	105	12.707	12.707	0.000	94	3427150	10.0	10.6	
139 1,3-Dichlorobenzene	146	12.804	12.804	0.000	98	1381382	10.0	10.7	
140 4-Isopropyltoluene	119	12.816	12.816	0.000	97	2933578	10.0	10.6	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	94	807014	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.883	12.883	0.000	94	1374148	10.0	10.3	
143 1,2,3-Trimethylbenzene	120	12.890	12.890	0.000	99	1108889	10.0	10.3	
144 Benzyl chloride	126	12.957	12.957	0.000	98	179137	10.0	11.4	
145 p-Diethylbenzene	119	13.091	13.091	0.000	93	1735605	10.0	10.7	
146 n-Butylbenzene	92	13.115	13.115	0.000	97	1445801	10.0	11.1	
147 1,2-Dichlorobenzene	146	13.140	13.140	0.000	99	1197773	10.0	10.6	
149 1,2-Dibromo-3-Chloropropane	155	13.688	13.688	0.000	87	58605	10.0	11.1	
150 1,3,5-Trichlorobenzene	180	13.816	13.816	0.000	98	1026052	10.0	10.8	
151 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	841331	10.0	11.1	
152 Hexachlorobutadiene	225	14.322	14.322	0.000	95	436967	10.0	11.6	
153 Naphthalene	128	14.414	14.414	0.000	97	1362276	10.0	11.0	
154 1,2,3-Trichlorobenzene	180	14.554	14.554	0.000	95	707038	10.0	11.3	
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_00172	Amount Added: 20.00	Units: uL	
MSV_LL_#2_826_00187	Amount Added: 20.00	Units: uL	
MSV_LL_GAS826_00283	Amount Added: 20.00	Units: uL	
MSV_LLcentISS_00017	Amount Added: 5.00	Units: uL	Run Reagent

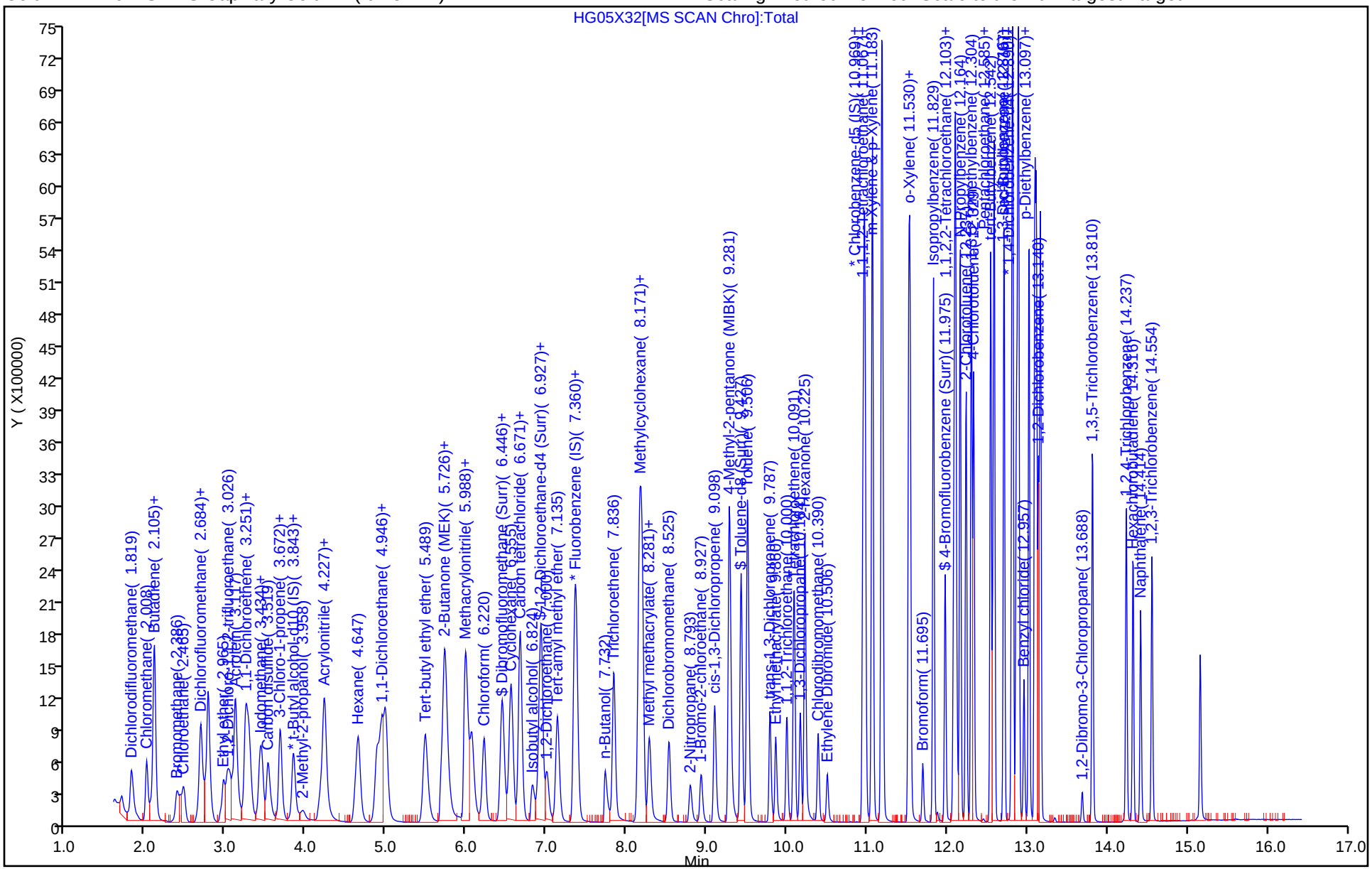
Report Date: 05-Aug-2025 21:20:17 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X32.D

Injection Date:	05-Aug-2025 19:22:30	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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

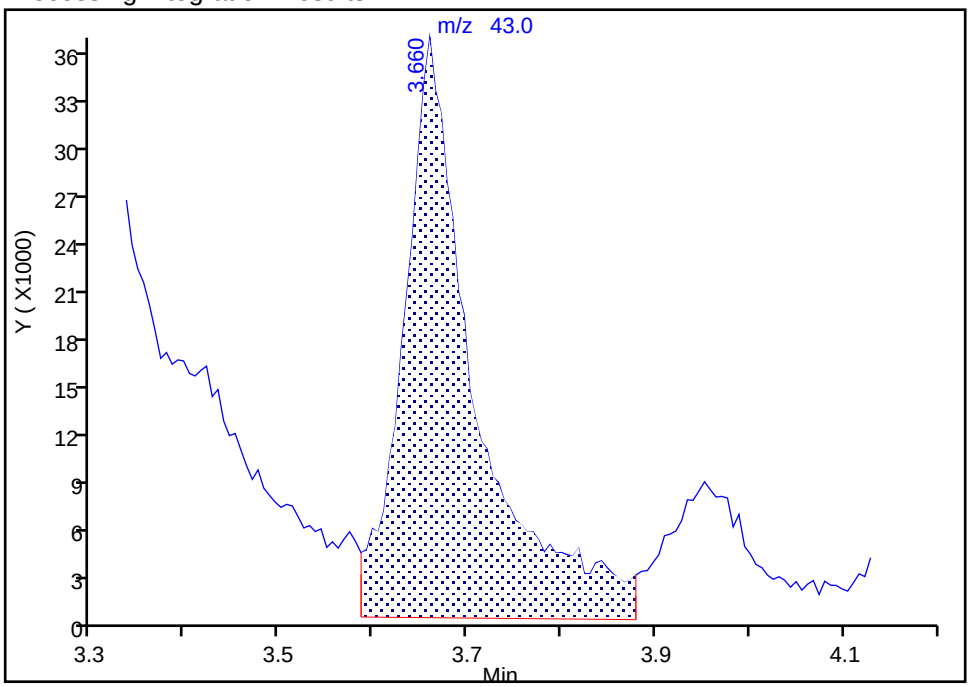
Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X32.D
Injection Date: 05-Aug-2025 19:22:30 Instrument ID: 19094
Lims ID: CCVIS VSTD10
Client ID:
Operator ID: gaw91131 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Method: MSV_19094_25mL Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

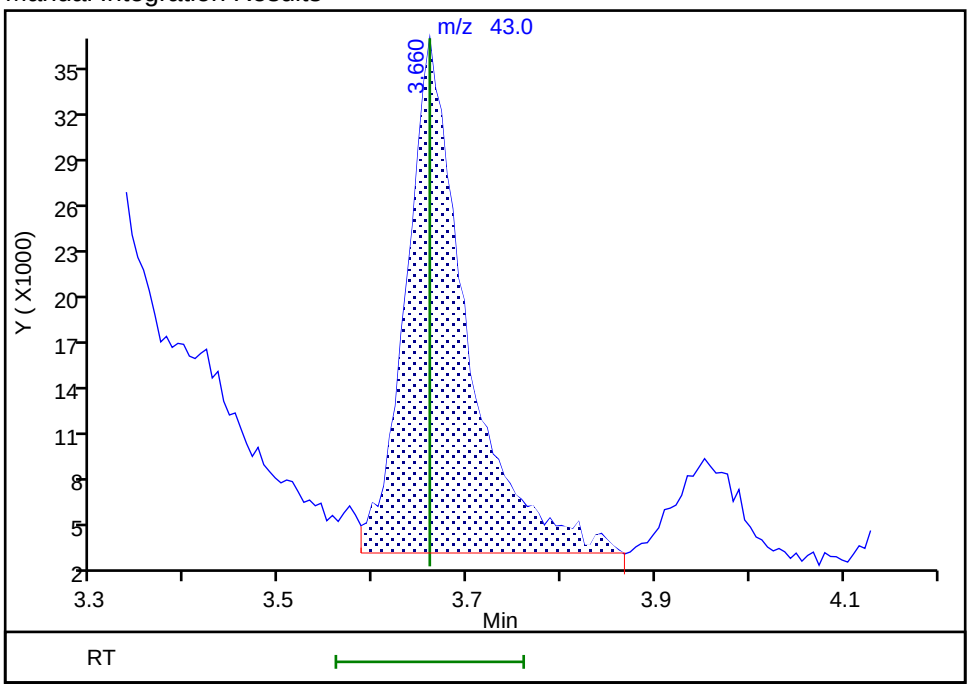
Processing Integration Results

RT: 3.66
Area: 191805
Amount: 12.478732
Amount Units: ug/l



Manual Integration Results

RT: 3.66
Area: 151399
Amount: 9.849939
Amount Units: ug/l



Reviewer: JS6E, 05-Aug-2025 19:54:06 -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\20250709-152824.b\HL08T01.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 09-Jul-2025 03:43:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0152824-001
Misc. Info.: BFB
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 11-Jul-2025 03:34:43 Calib Date: 09-Jul-2025 07:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08X20.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1701

First Level Reviewer: JS6E Date: 09-Jul-2025 15:38:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 166 BFB	95	5.008	5.008	0.000	86	309484	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

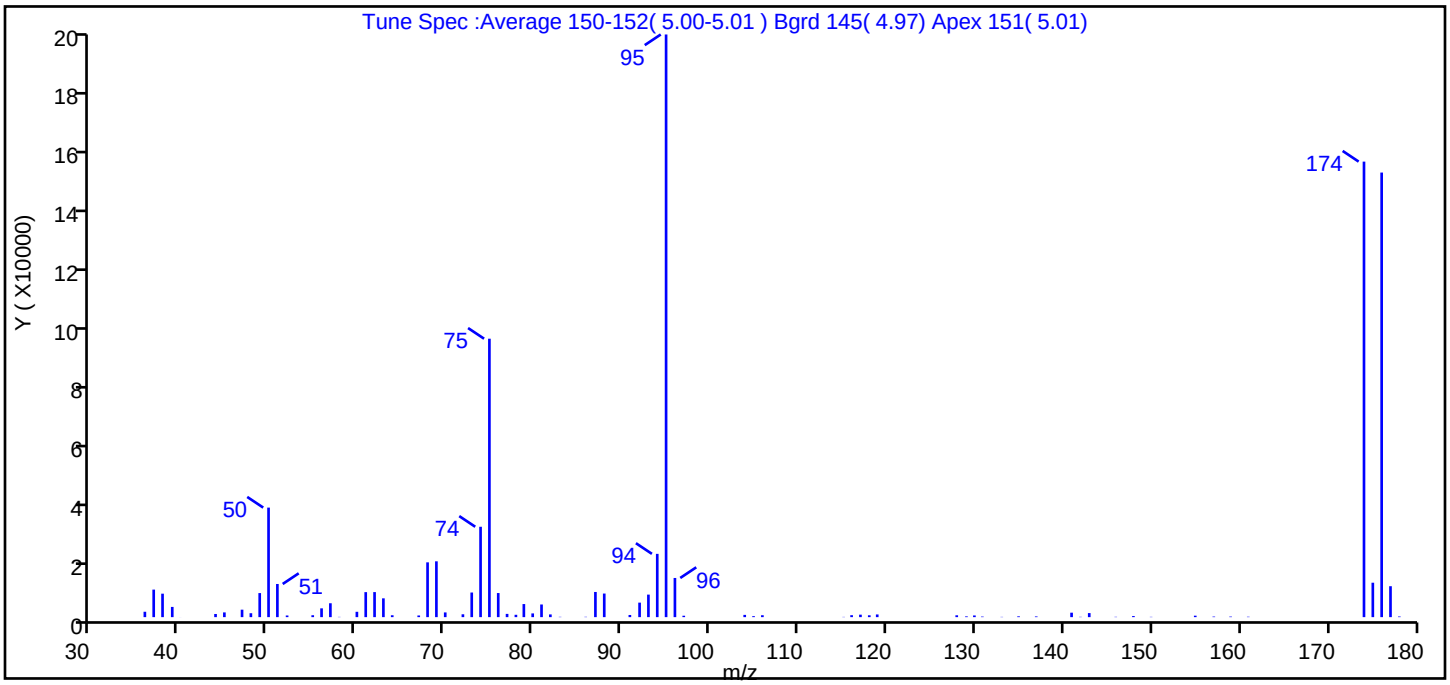
MSV_V_BFB_00019 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08T01.D				
Injection Date:	09-Jul-2025 03:43:30	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				

$ 166 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.8
75	30 to 60% of m/z 95	47.8
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	78.2
175	5 to 9% of m/z 174	5.9 (7.6)
176	Greater than 95% but less than 101% of m/z 174	76.3 (97.6)
177	5 to 9% of m/z 176	5.3 (7.0)

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08T01.D\MSV_19094_25mL.rslt\spectra.d
Injection Date: 09-Jul-2025 03:43:30
Spectrum: Tune Spec :Average 150-152(5.00-5.01) Bgrd 145(4.97) Apex 151(5.01)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 78

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1829	63.00	6381	88.00	8006	133.00	88
37.00	9343	64.00	642	91.00	733	135.00	268
38.00	7964	67.00	564	92.00	4925	137.00	240
39.00	3468	68.00	18592	93.00	7646	141.00	1514
40.00	14	69.00	18944	94.00	21472	142.00	104
44.00	1071	70.00	1602	95.00	197696	143.00	1377
45.00	1609	72.00	974	96.00	13292	146.00	109
47.00	2533	73.00	8357	97.00	478	148.00	363
48.00	1331	74.00	30664	104.00	767	150.00	99
49.00	8164	75.00	94472	105.00	330	155.00	495
50.00	37168	76.00	8177	106.00	653	157.00	192
51.00	11252	77.00	1105	115.00	83	159.00	189
52.00	561	78.00	798	116.00	665	161.00	139
55.00	649	79.00	4439	117.00	840	174.00	154560
56.00	2986	80.00	1267	118.00	632	175.00	11683
57.00	4713	81.00	4296	119.00	912	176.00	150848
58.00	87	82.00	925	128.00	628	177.00	10498
60.00	1815	83.00	104	129.00	261	178.00	216
61.00	8485	86.00	112	130.00	573		
62.00	8499	87.00	8541	131.00	190		

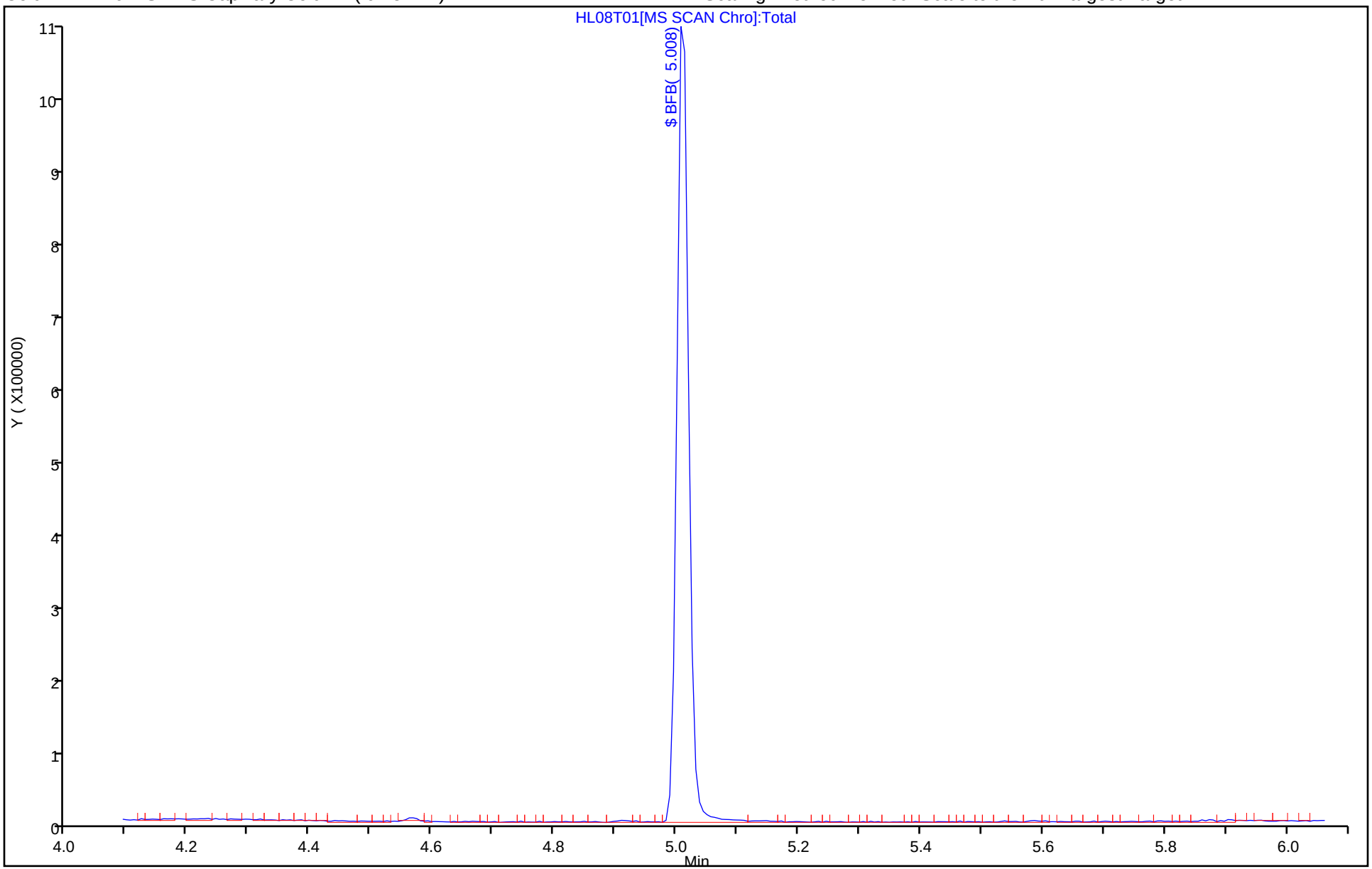
Report Date: 11-Jul-2025 03:34:44 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250709-152824.b\HL08T01.D

Injection Date:	09-Jul-2025 03:43:30	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



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04T31.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	04-Aug-2025 19:34:30	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Sample Info:	410-0155489-001				
Misc. Info.:	BFB				
Operator ID:	gaw91131	Instrument ID:	19094		
Method:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\MSV_19094_25mL.m				
Limit Group:	MSV - 8260C_D				
Last Update:	04-Aug-2025 22:02:56	Calib Date:	10-Jul-2025 06:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1647				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 166 BFB	95	5.007	5.007	0.000	88	341730	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

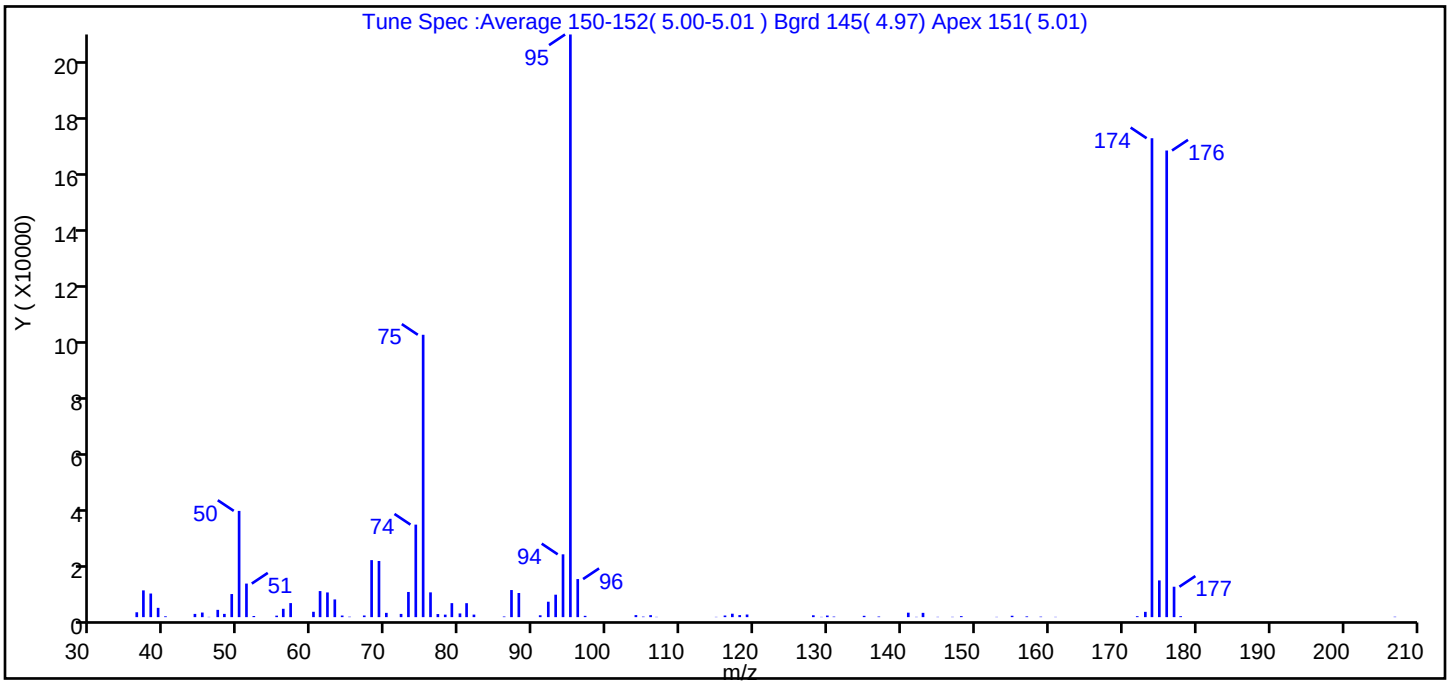
MSV_V_BFB_00019 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04T31.D
Injection Date: 04-Aug-2025 19:34:30 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

$ 166 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.2
75	30 to 60% of m/z 95	48.5
96	5 to 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.9 (1.1)
174	50 to 120% of m/z 95	82.2
175	5 to 9% of m/z 174	6.3 (7.7)
176	Greater than 95% but less than 101% of m/z 174	80.1 (97.4)
177	5 to 9% of m/z 176	5.2 (6.5)

Data File: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04T31.D\MSV_19094_25mL.rslt\spectra.d
Injection Date: 04-Aug-2025 19:34:30
Spectrum: Tune Spec :Average 150-152(5.00-5.01) Bgrd 145(4.97) Apex 151(5.01)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 82

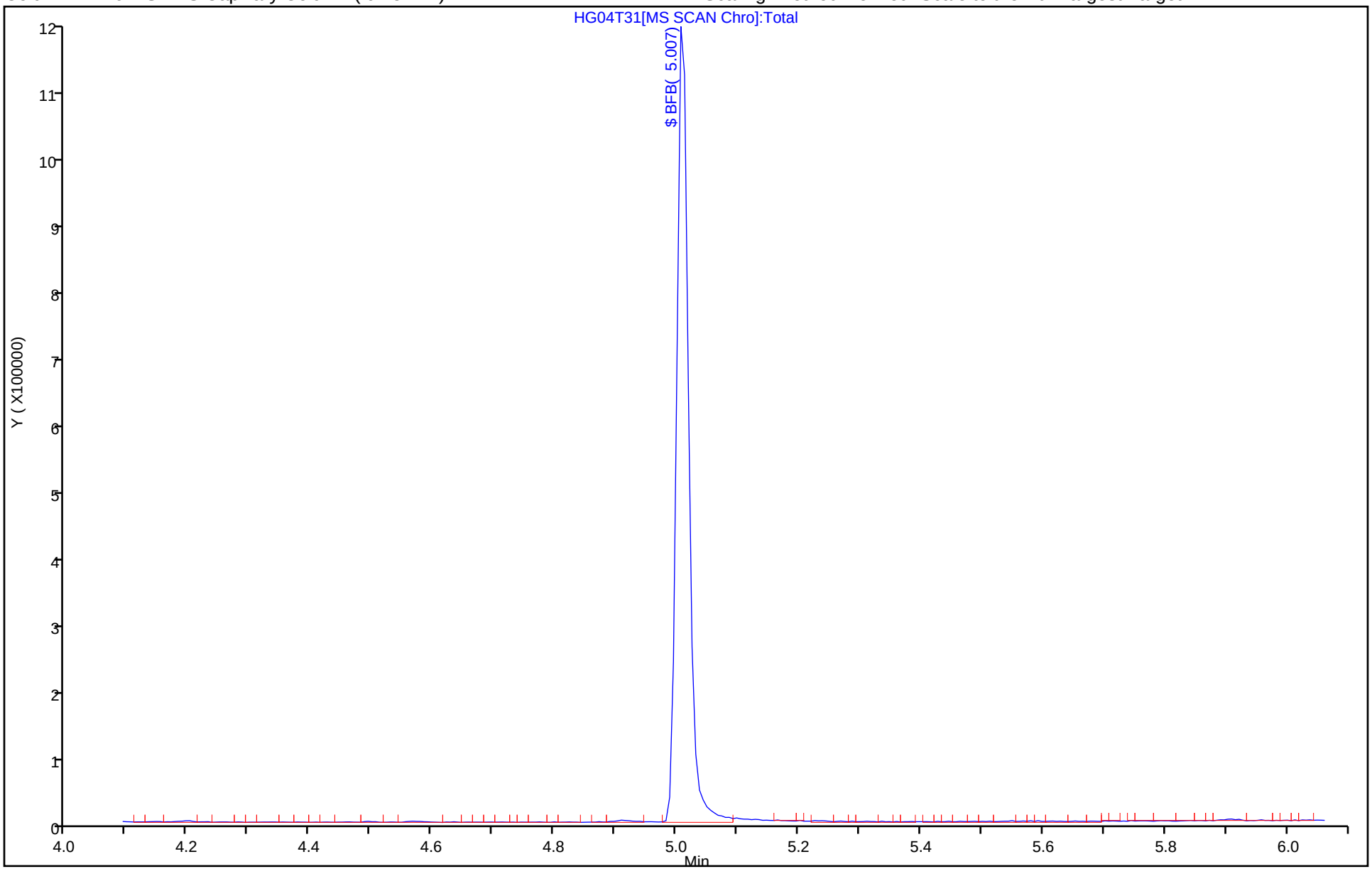
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1754	64.00	579	92.00	5545	141.00	1603
37.00	9625	65.00	158	93.00	8076	142.00	106
38.00	8496	67.00	593	94.00	22592	143.00	1542
39.00	3343	68.00	20504	95.00	209536	145.00	108
40.00	301	69.00	20192	96.00	13695	147.00	111
44.00	1168	70.00	1542	97.00	473	148.00	356
45.00	1654	72.00	1162	104.00	732	153.00	97
46.00	97	73.00	9052	105.00	185	155.00	500
47.00	2621	74.00	33272	106.00	719	157.00	273
48.00	1175	75.00	101544	107.00	96	159.00	176
49.00	8307	76.00	8912	115.00	98	161.00	99
50.00	38208	77.00	1109	116.00	584	172.00	341
51.00	12069	78.00	901	117.00	1235	173.00	1906
52.00	405	79.00	5035	118.00	742	174.00	172224
55.00	537	80.00	1332	119.00	940	175.00	13209
56.00	3004	81.00	5023	128.00	670	176.00	167808
57.00	5052	82.00	915	129.00	95	177.00	10939
60.00	1931	86.00	230	130.00	578	178.00	338
61.00	9372	87.00	9745	131.00	199	207.00	145
62.00	8886	88.00	8684	135.00	479		
63.00	6368	91.00	671	137.00	225		

Report Date: 04-Aug-2025 22:02:56 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04T31.D				
Injection Date:	04-Aug-2025 19:34:30	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



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05T31.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 05-Aug-2025 18:47:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0155612-001
Misc. Info.: BFB
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Aug-2025 21:20:31 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1700

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 166 BFB	95	5.013	5.013	0.000	91	345088	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

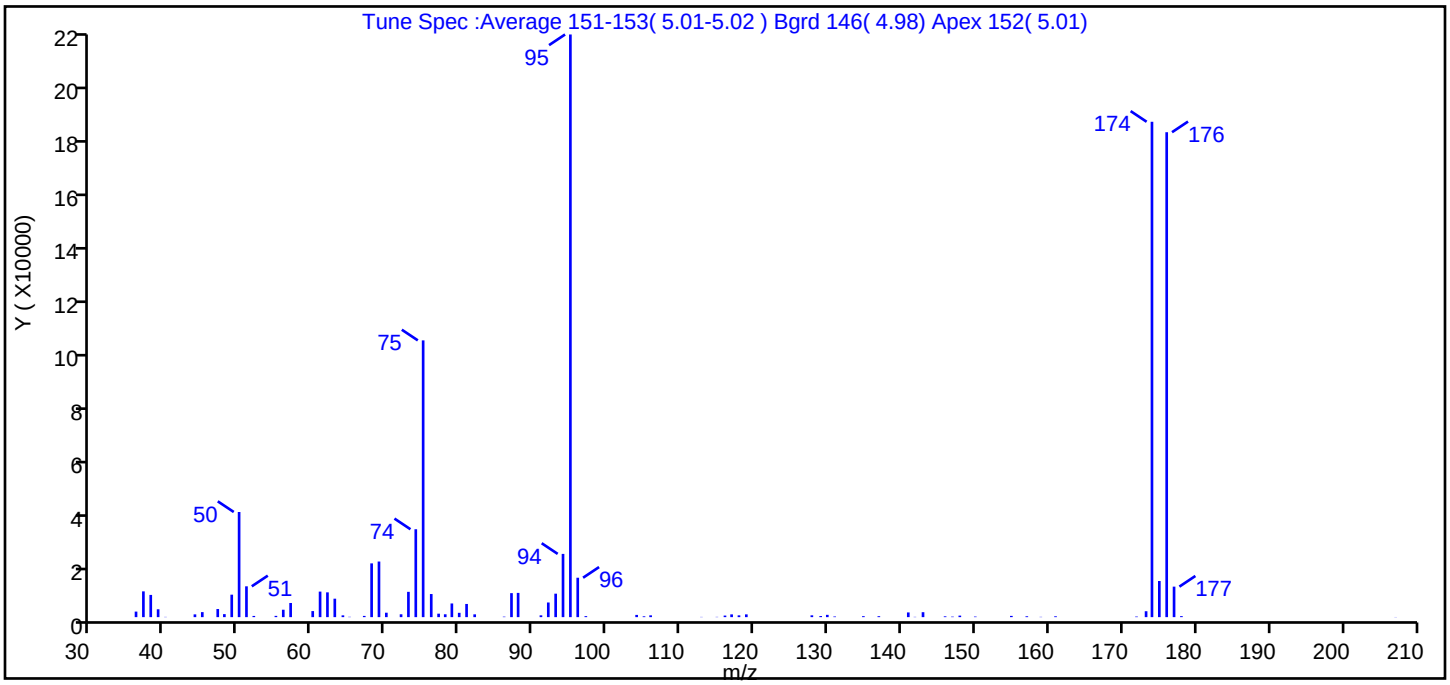
MSV_V_BFB_00019 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05T31.D				
Injection Date:	05-Aug-2025 18:47:30	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				

$ 166 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.0
75	30 to 60% of m/z 95	47.5
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	1.0 (1.2)
174	50 to 120% of m/z 95	85.0
175	5 to 9% of m/z 174	6.2 (7.3)
176	Greater than 95% but less than 101% of m/z 174	83.2 (97.9)
177	5 to 9% of m/z 176	5.2 (6.3)

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05T31.D\MSV_19094_25mL.rslt\spectra.d
Injection Date: 05-Aug-2025 18:47:30
Spectrum: Tune Spec :Average 151-153(5.01-5.02) Bgrd 146(4.98) Apex 152(5.01)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 81

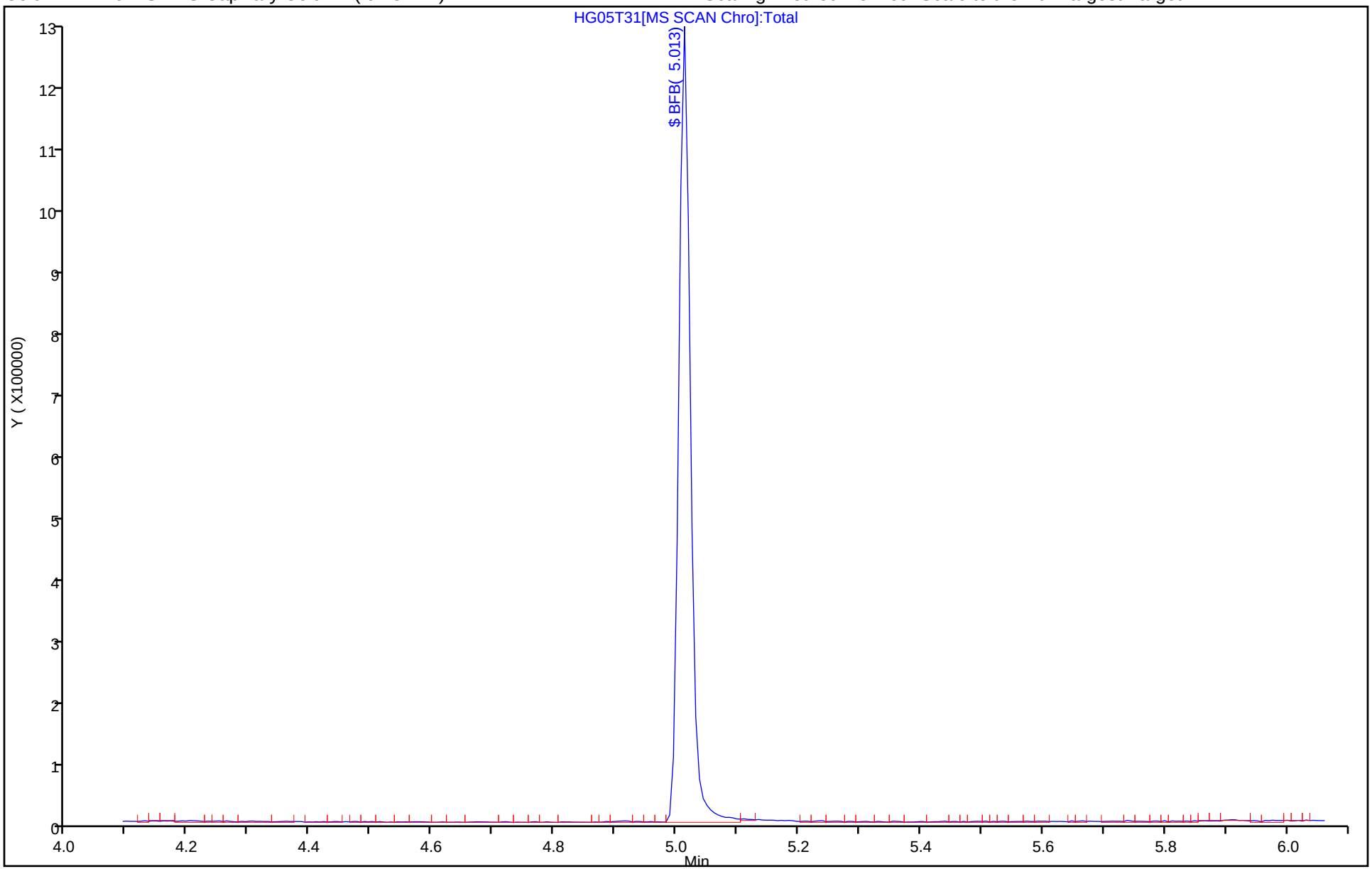
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2076	65.00	121	93.00	8775	142.00	103
37.00	9641	67.00	461	94.00	23648	143.00	1851
38.00	8310	68.00	20104	95.00	217856	146.00	302
39.00	2943	69.00	20792	96.00	14735	147.00	194
40.00	92	70.00	1656	97.00	380	148.00	572
44.00	1039	72.00	1071	104.00	836	150.00	216
45.00	1877	73.00	9461	105.00	308	155.00	470
47.00	3033	74.00	32864	106.00	672	157.00	328
48.00	1127	75.00	103480	113.00	85	159.00	106
49.00	8402	76.00	8642	115.00	100	161.00	317
50.00	39312	77.00	1296	116.00	588	172.00	221
51.00	11525	78.00	1073	117.00	1034	173.00	2214
52.00	452	79.00	5116	118.00	675	174.00	185216
55.00	477	80.00	1615	119.00	1036	175.00	13507
56.00	2775	81.00	4931	128.00	681	176.00	181312
57.00	5293	82.00	1049	129.00	409	177.00	11407
60.00	2266	86.00	180	130.00	860	178.00	375
61.00	9549	87.00	8976	131.00	242	207.00	58
62.00	9271	88.00	9063	135.00	360		
63.00	6901	91.00	675	137.00	352		
64.00	670	92.00	5479	141.00	1761		

Report Date: 05-Aug-2025 21:20:31 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05T31.D				
Injection Date:	05-Aug-2025 18:47:30	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.: 410-234794-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-680541/6

Matrix: Water
Lab File ID: HG04X35.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 25(mL)
Date Analyzed: 08/04/2025 21:11

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 680541
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 Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-680541/6

Matrix: Water
Lab File ID: HG04X35.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 25(mL)
Date Analyzed: 08/04/2025 21:11

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 680541
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)	101		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	104		80-120
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X35.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 04-Aug-2025 21:11:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155489-006
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 04-Aug-2025 22:02:28 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1647

First Level Reviewer: JS6E Date: 04-Aug-2025 22:02:20

	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		1.824					ND	
3	Chlorodifluoromethane	51		1.837					ND	
4	Dimethyl ether	45		1.892					ND	
5	Chloromethane	50		2.013					ND	
7	Butadiene	39		2.105					ND	7
6	Vinyl chloride	62		2.123					ND	
8	2-Chloro-1,1,1-Trifluoroethane	118		2.160					ND	
9	Bromomethane	94		2.398					ND	
10	Chloroethane	64		2.477					ND	
11	Dichlorofluoromethane	67		2.684					ND	
12	Trichlorofluoromethane	101		2.696					ND	
14	Ethyl ether	59		2.971					ND	
15	1,2-Dichloro-1,1,2-trifluoroetha	67		3.032					ND	
13	Ethanol	45		3.111					ND	
16	Acrolein	56		3.123					ND	
17	1,1-Dichloroethene	96		3.251					ND	
19	Acetone	43		3.288					ND	
20	1,1,2-Trichloro-1,2,2-trifluoroe	101		3.294					ND	
21	Iodomethane	142		3.428					ND	
22	Ethyl bromide	108		3.452					ND	
23	Carbon disulfide	76		3.531					ND	7
24	Methyl acetate	43		3.666					ND	
26	3-Chloro-1-propene	41		3.684					ND	
25	Acetonitrile	41		3.696					ND	
27	Methylene Chloride	84		3.848					ND	
* 28	t-Butyl alcohol-d10 (IS)	65	3.867	3.861	0.006	96	92176	50.0	50.0	
29	2-Methyl-2-propanol	59		3.970					ND	
31	Acrylonitrile	53		4.178					ND	
32	Methyl tert-butyl ether	73		4.214					ND	
33	trans-1,2-Dichloroethene	96		4.233					ND	
34	Hexane	57		4.653					ND	

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
	35 Vinyl acetate	43		4.885					ND	
	36 1,1-Dichloroethane	63		4.885					ND	
	37 Isopropyl ether	45		4.946					ND	
	38 2-Chloro-1,3-butadiene	53		4.995					ND	
	40 Tert-butyl ethyl ether	59		5.488					ND	
	41 2-Butanone (MEK)	43		5.696					ND	
	42 cis-1,2-Dichloroethene	96		5.732					ND	
	43 2,2-Dichloropropane	77		5.738					ND	
	44 Propionitrile	54		5.787					ND	
	45 Ethyl acetate	43		5.793					ND	
	47 Methacrylonitrile	67		5.994					ND	
	48 Chlorobromomethane	128		6.068					ND	
	49 Tetrahydrofuran	71		6.080					ND	
S	46 1,2-Dichloroethene, Total	100		6.155					ND	7
	50 Chloroform	83		6.220					ND	
$	52 Dibromofluoromethane (Surr)	113	6.440	6.446	-0.006	94	384092	10.0	10.4	
	53 1,1,1-Trichloroethane	97		6.458					ND	
	51 Methyl acrylate	55		6.482					ND	
	54 Cyclohexane	56		6.555					ND	
	55 1,1-Dichloropropene	75		6.671					ND	
	56 Carbon tetrachloride	117		6.671					ND	
	57 Isobutyl alcohol	41		6.824					ND	
$	58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.903	0.000	47	67694	10.0	10.1	
	59 Benzene	78		6.933					ND	
	60 1,2-Dichloroethane	62		7.006					ND	
	61 Isopropyl acetate	43		7.031					ND	
	63 Tert-amyl methyl ether	73		7.134					ND	
	62 1-Chlorobutane	56	7.348	7.250	0.098	33	9292		NC	
*	64 Fluorobenzene (IS)	96	7.348	7.348	0.000	99	1587578	10.0	10.0	
	65 n-Heptane	43		7.378					ND	7
	67 n-Butanol	56		7.732					ND	
	68 Trichloroethene	95		7.842					ND	
	66 t-Amyl alcohol	73		7.842					ND	
	69 Methylcyclohexane	83		8.159					ND	
	70 1,2-Dichloropropane	63		8.177					ND	
	71 2-ethoxy-2-methyl butane	87		8.195					ND	
	72 Methyl methacrylate	69		8.274					ND	
	73 1,4-Dioxane	88		8.281					ND	
	74 Dibromomethane	93		8.287					ND	
	75 n-Propyl acetate	61		8.366					ND	
	76 Dichlorobromomethane	83		8.531					ND	
	77 2-Nitropropane	41		8.793					ND	
	78 2-Chloroethyl vinyl ether	63		8.908					ND	
	79 1-Bromo-2-chloroethane	63		8.927					ND	
	80 cis-1,3-Dichloropropene	75		9.097					ND	
	82 4-Methyl-2-pentanone (MIBK)	43		9.280					ND	
$	83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1693005	10.0	9.25	
	81 Chloroacetonitrile	75		9.427					ND	
	84 Toluene	92		9.506					ND	
	85 trans-1,3-Dichloropropene	75		9.786					ND	
	104 Ethyl methacrylate	69		9.860					ND	
	106 1,1,2-Trichloroethane	97		10.000					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 105 1,3-Dichloropropene, Total	100		10.060					ND	7
107 Tetrachloroethene	166		10.091					ND	
108 1,3-Dichloropropane	76		10.164					ND	
109 2-Hexanone	43		10.225					ND	
110 n-Butyl acetate	43		10.359					ND	
111 Chlorodibromomethane	129		10.390					ND	
112 Ethylene Dibromide	107		10.506					ND	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	86	1315009	10.0	10.0	
114 1-Chlorohexane	91		10.963					ND	7
115 Chlorobenzene	112		10.975					ND	
116 1,1,1,2-Tetrachloroethane	131		11.060					ND	
117 Ethylbenzene	91		11.067					ND	
119 m-Xylene & p-Xylene	106		11.189					ND	
S 118 Xylenes, Total	106		11.245					ND	7
120 o-Xylene	106		11.518					ND	
121 Styrene	104		11.536					ND	
122 Bromoform	173		11.695					ND	
123 Isopropylbenzene	105		11.829					ND	
124 cis-1,4-Dichloro-2-butene	88		11.871					ND	
125 Cyclohexanone	55		11.902					ND	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	656265	10.0	9.93	
127 1,1,2,2-Tetrachloroethane	83		12.072					ND	
128 Bromobenzene	156		12.085					ND	
129 trans-1,4-Dichloro-2-butene	53		12.103					ND	
130 1,2,3-Trichloropropane	110		12.121					ND	
131 N-Propylbenzene	91		12.164					ND	
132 2-Chlorotoluene	126		12.237					ND	
133 1,3,5-Trimethylbenzene	105		12.298					ND	
134 4-Chlorotoluene	126		12.329					ND	
135 tert-Butylbenzene	134		12.542					ND	
136 Pentachloroethane	167		12.572					ND	
137 1,2,4-Trimethylbenzene	105		12.585					ND	
138 sec-Butylbenzene	105		12.707					ND	7
139 1,3-Dichlorobenzene	146		12.804					ND	7
140 4-Isopropyltoluene	119		12.816					ND	7
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	727278	10.0	10.0	
142 1,4-Dichlorobenzene	146		12.883					ND	7
143 1,2,3-Trimethylbenzene	120		12.889					ND	7
144 Benzyl chloride	126		12.956					ND	
145 p-Diethylbenzene	119		13.091					ND	U
146 n-Butylbenzene	92		13.109					ND	7
147 1,2-Dichlorobenzene	146		13.139					ND	
148 Hexachloroethane	201		13.682					ND	
149 1,2-Dibromo-3-Chloropropane	155		13.688					ND	
150 1,3,5-Trichlorobenzene	180		13.810					ND	7
151 1,2,4-Trichlorobenzene	180		14.237					ND	7
152 Hexachlorobutadiene	225	14.322	14.322	0.000	87	1973		0.0583	
153 Naphthalene	128		14.413					ND	7
154 1,2,3-Trichlorobenzene	180		14.554					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	
209 1,1-Dichloro-1-fluoroethane TIC	1		0.000					ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- 7 - Failed Limit of Detection

Review Flags
- U - Marked Undetected

Reagents:

MSV_LLcentISS_00017 Amount Added: 5.00 Units: uL Run Reagent

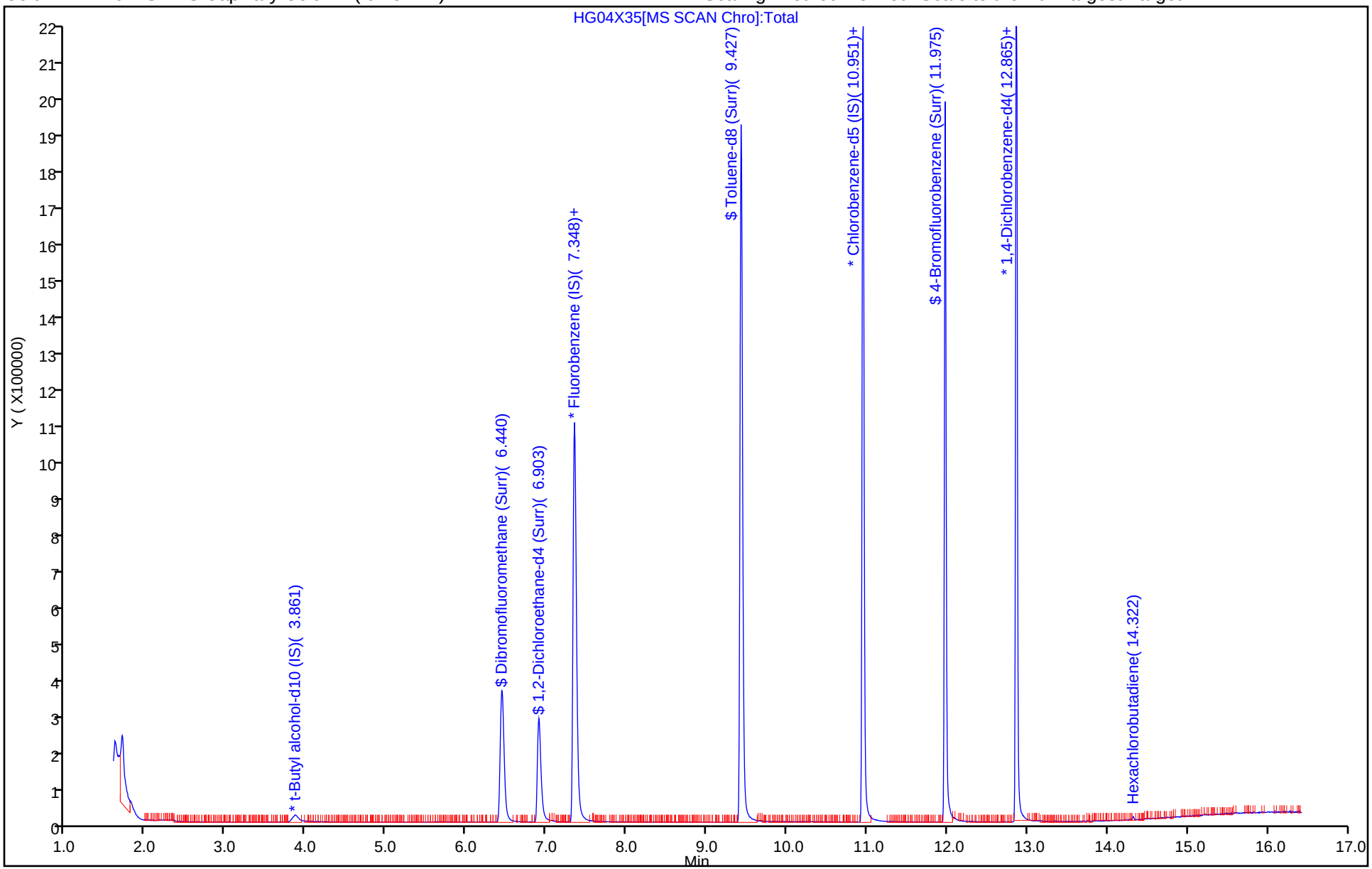
Report Date: 04-Aug-2025 22:02:53 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X35.D

Injection Date:	04-Aug-2025 21:11:30	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\20250804-155489.b\HG04X35.D				
Lims ID:	MB				
Client ID:					
Sample Type:	MB				
Inject. Date:	04-Aug-2025 21:11:30	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0155489-006				
Operator ID:	gaw91131	Instrument ID:	19094		
Method:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\MSV_19094_25mL.m				
Limit Group:	MSV - 8260C_D				
Last Update:	04-Aug-2025 22:02:28	Calib Date:	10-Jul-2025 06:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1647				

First Level Reviewer: JS6E Date: 04-Aug-2025 22:02:20

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	10.4	104.24
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.1	101.31
$ 83 Toluene-d8 (Surr)	10.0	9.25	92.55
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.93	99.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-681140/7

Matrix: Water
Lab File ID: HG05X35.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 25(mL)
Date Analyzed: 08/05/2025 20:24

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 681140
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 Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-681140/7

Matrix: Water
Lab File ID: HG05X35.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 25(mL)
Date Analyzed: 08/05/2025 20:24

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 681140
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)	102		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		80-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X35.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 05-Aug-2025 20:24:30 ALS Bottle#: 5 Worklist Smp#: 7
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155612-007
Misc. Info.: MB
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Aug-2025 21:20:17 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1700

First Level Reviewer: JS6E Date: 05-Aug-2025 21:16:09

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		1.819					ND	
3 Chlorodifluoromethane	51		1.837					ND	7
4 Dimethyl ether	45		1.892					ND	
5 Chloromethane	50		2.008					ND	
7 Butadiene	39		2.099					ND	7
6 Vinyl chloride	62		2.111					ND	
8 2-Chloro-1,1,1-Trifluoroethane	118		2.160					ND	
9 Bromomethane	94		2.392					ND	
10 Chloroethane	64		2.471					ND	
11 Dichlorofluoromethane	67		2.684					ND	
12 Trichlorofluoromethane	101		2.690					ND	
14 Ethyl ether	59		2.965					ND	
15 1,2-Dichloro-1,1,2-trifluoroetha	67		3.032					ND	
13 Ethanol	45		3.111					ND	
16 Acrolein	56		3.117					ND	
17 1,1-Dichloroethene	96		3.245					ND	
19 Acetone	43		3.276					ND	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101		3.288					ND	
21 Iodomethane	142		3.422					ND	
22 Ethyl bromide	108		3.446					ND	
23 Carbon disulfide	76		3.526					ND	7
24 Methyl acetate	43		3.660					ND	
26 3-Chloro-1-propene	41		3.678					ND	
25 Acetonitrile	41		3.696					ND	
27 Methylene Chloride	84		3.843					ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.855	3.855	0.000	96	94178	50.0	50.0	
29 2-Methyl-2-propanol	59		3.952					ND	
31 Acrylonitrile	53		4.178					ND	
32 Methyl tert-butyl ether	73		4.208					ND	
33 trans-1,2-Dichloroethene	96		4.233					ND	

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
	34 Hexane	57		4.647					ND	
	36 1,1-Dichloroethane	63		4.879					ND	
	35 Vinyl acetate	43		4.885					ND	
	37 Isopropyl ether	45		4.946					ND	
	38 2-Chloro-1,3-butadiene	53		4.989					ND	
	40 Tert-butyl ethyl ether	59		5.489					ND	
	41 2-Butanone (MEK)	43		5.690					ND	
	42 cis-1,2-Dichloroethene	96		5.726					ND	
	43 2,2-Dichloropropane	77		5.739					ND	
	44 Propionitrile	54		5.775					ND	
	45 Ethyl acetate	43		5.793					ND	
	47 Methacrylonitrile	67		5.988					ND	
	48 Chlorobromomethane	128		6.062					ND	
	49 Tetrahydrofuran	71		6.080					ND	
S	46 1,2-Dichloroethene, Total	100		6.155					ND	7
	50 Chloroform	83		6.220					ND	
$	52 Dibromofluoromethane (Surr)	113	6.445	6.440	0.005	93	441326	10.0	9.83	
	53 1,1,1-Trichloroethane	97		6.452					ND	
	51 Methyl acrylate	55		6.482					ND	
	54 Cyclohexane	56		6.555					ND	
	55 1,1-Dichloropropene	75		6.671					ND	
	56 Carbon tetrachloride	117		6.671					ND	
	57 Isobutyl alcohol	41		6.824					ND	
$	58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.897	0.006	77	82981	10.0	10.2	
	59 Benzene	78		6.933					ND	7
	60 1,2-Dichloroethane	62		7.007					ND	
	61 Isopropyl acetate	43		7.031					ND	
	63 Tert-amyl methyl ether	73		7.135					ND	
	62 1-Chlorobutane	56	7.354	7.250	0.104	35	11029		NC	
*	64 Fluorobenzene (IS)	96	7.348	7.348	0.000	99	1935132	10.0	10.0	
	65 n-Heptane	43		7.372					ND	U
	67 n-Butanol	56		7.732					ND	
	68 Trichloroethene	95		7.836					ND	
	66 t-Amyl alcohol	73		7.842					ND	
	69 Methylcyclohexane	83		8.153					ND	
	70 1,2-Dichloropropane	63		8.171					ND	
	71 2-ethoxy-2-methyl butane	87		8.195					ND	
	72 Methyl methacrylate	69		8.275					ND	
	73 1,4-Dioxane	88		8.275					ND	
	74 Dibromomethane	93		8.287					ND	
	75 n-Propyl acetate	61		8.366					ND	
	76 Dichlorobromomethane	83		8.525					ND	
	77 2-Nitropropane	41		8.793					ND	
	78 2-Chloroethyl vinyl ether	63		8.908					ND	
	79 1-Bromo-2-chloroethane	63		8.927					ND	
	80 cis-1,3-Dichloropropene	75		9.098					ND	
	82 4-Methyl-2-pentanone (MIBK)	43		9.281					ND	
	81 Chloroacetonitrile	75		9.427					ND	
$	83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1953644	10.0	9.72	
	84 Toluene	92		9.506					ND	
	85 trans-1,3-Dichloropropene	75		9.787					ND	
	104 Ethyl methacrylate	69		9.860					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
106 1,1,2-Trichloroethane	97		10.000					ND	
S 105 1,3-Dichloropropene, Total	100		10.060					ND	7
107 Tetrachloroethene	166		10.091					ND	
108 1,3-Dichloropropane	76		10.164					ND	
109 2-Hexanone	43		10.225					ND	
110 n-Butyl acetate	43		10.359					ND	
111 Chlorodibromomethane	129		10.390					ND	
112 Ethylene Dibromide	107		10.506					ND	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1444403	10.0	10.0	
114 1-Chlorohexane	91		10.963					ND	7
115 Chlorobenzene	112		10.975					ND	
116 1,1,1,2-Tetrachloroethane	131		11.061					ND	
117 Ethylbenzene	91		11.067					ND	7
119 m-Xylene & p-Xylene	106		11.189					ND	
S 118 Xylenes, Total	106		11.245					ND	7
120 o-Xylene	106		11.518					ND	
121 Styrene	104		11.536					ND	
122 Bromoform	173		11.695					ND	
123 Isopropylbenzene	105		11.829					ND	
124 cis-1,4-Dichloro-2-butene	88		11.871					ND	
125 Cyclohexanone	55		11.902					ND	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	90	716178	10.0	9.87	
127 1,1,2,2-Tetrachloroethane	83		12.079					ND	
128 Bromobenzene	156		12.091					ND	
129 trans-1,4-Dichloro-2-butene	53		12.103					ND	
130 1,2,3-Trichloropropane	110		12.121					ND	
131 N-Propylbenzene	91		12.164					ND	7
132 2-Chlorotoluene	126		12.237					ND	
133 1,3,5-Trimethylbenzene	105		12.304					ND	
134 4-Chlorotoluene	126		12.329					ND	
135 tert-Butylbenzene	134		12.542					ND	
136 Pentachloroethane	167		12.573					ND	
137 1,2,4-Trimethylbenzene	105		12.585					ND	7
138 sec-Butylbenzene	105		12.707					ND	7
139 1,3-Dichlorobenzene	146		12.804					ND	7
140 4-Isopropyltoluene	119		12.816					ND	7
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	95	799319	10.0	10.0	
142 1,4-Dichlorobenzene	146		12.883					ND	7
143 1,2,3-Trimethylbenzene	120		12.890					ND	7
144 Benzyl chloride	126		12.957					ND	
145 p-Diethylbenzene	119		13.091					ND	U
146 n-Butylbenzene	92		13.115					ND	7
147 1,2-Dichlorobenzene	146		13.140					ND	
148 Hexachloroethane	201		13.682					ND	
149 1,2-Dibromo-3-Chloropropane	155		13.688					ND	
150 1,3,5-Trichlorobenzene	180		13.816					ND	7
151 1,2,4-Trichlorobenzene	180		14.237					ND	7
152 Hexachlorobutadiene	225	14.322	14.322	0.000	90	2193		0.0590	
153 Naphthalene	128		14.414					ND	7
154 1,2,3-Trichlorobenzene	180		14.554					ND	7
155 tert-Butyl Formate	1		0.000					ND	
156 Dodecane	57		0.000					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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	
209 1,1-Dichloro-1-fluoroethane TIC	1		0.000					ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- 7 - Failed Limit of Detection

Review Flags
- U - Marked Undetected

Reagents:

MSV_LLcentISS_00017 Amount Added: 5.00 Units: uL Run Reagent

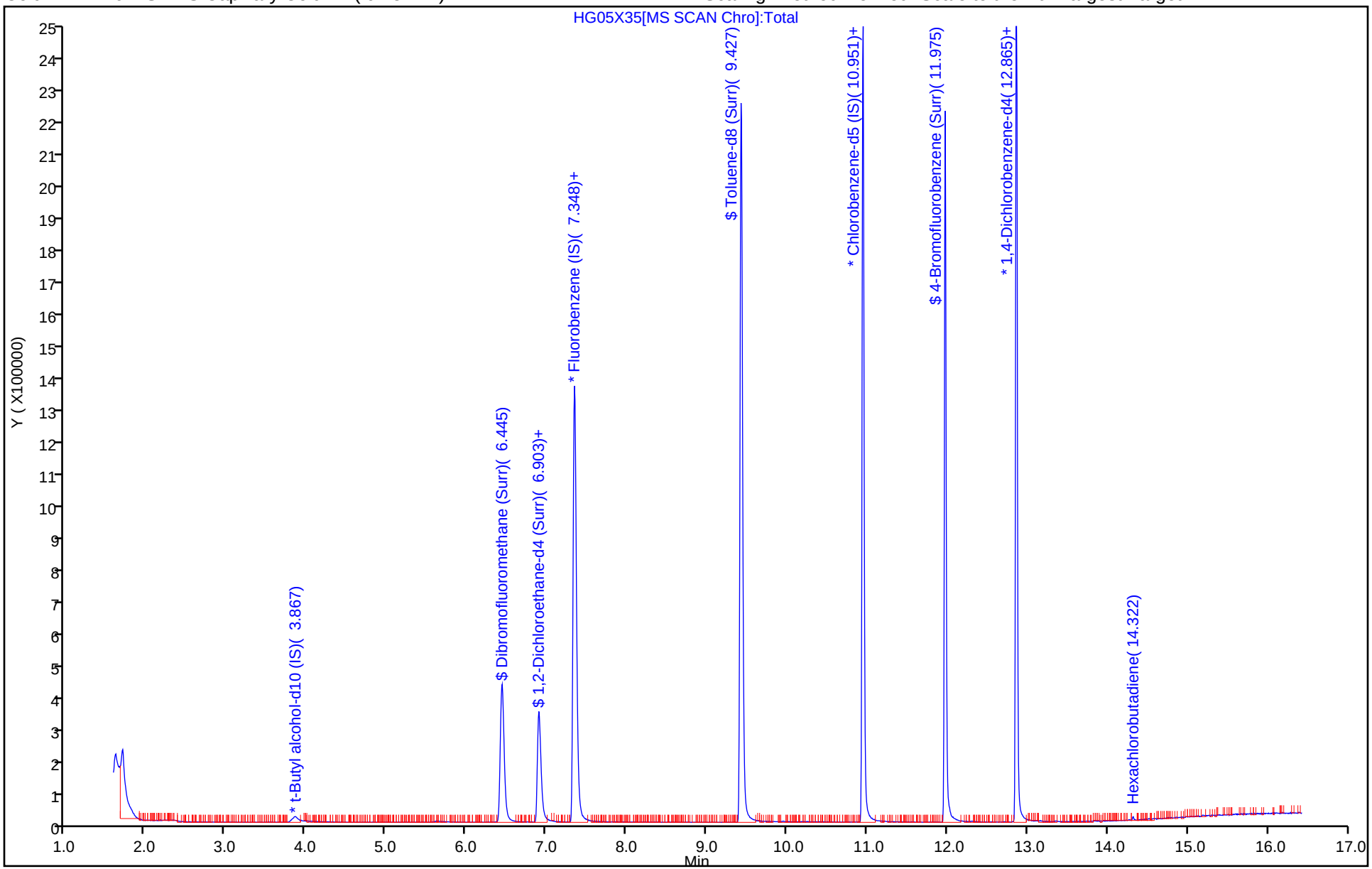
Report Date: 05-Aug-2025 21:20:28 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X35.D

Injection Date:	05-Aug-2025 20:24:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	MB			Worklist Smp#:	7
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\20250805-155612.b\HG05X35.D				
Lims ID:	MB				
Client ID:					
Sample Type:	MB				
Inject. Date:	05-Aug-2025 20:24:30	ALS Bottle#:	5	Worklist Smp#:	7
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0155612-007				
Misc. Info.:	MB				
Operator ID:	gaw91131	Instrument ID:	19094		
Method:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m				
Limit Group:	MSV - 8260C_D				
Last Update:	05-Aug-2025 21:20:17	Calib Date:	10-Jul-2025 06:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1700				
First Level Reviewer: JS6E		Date:	05-Aug-2025 21:16:09		

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	9.83	98.26
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.2	101.89
$ 83 Toluene-d8 (Surr)	10.0	9.72	97.23
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.87	98.70

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-680541/4

Matrix: Water
Lab File ID: HG04X33.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 25(mL)
Date Analyzed: 08/04/2025 20:30

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.: 680541
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	5.14		0.50	0.070
71-55-6	1,1,1-Trichloroethane	5.73		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	5.18		0.50	0.10
79-00-5	1,1,2-Trichloroethane	5.21		0.50	0.080
75-34-3	1,1-Dichloroethane	5.88		0.50	0.10
75-35-4	1,1-Dichloroethene	6.10		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	5.45		0.50	0.080
107-06-2	1,2-Dichloroethane	5.75		0.50	0.070
78-87-5	1,2-Dichloropropane	6.13		0.50	0.10
78-93-3	2-Butanone (MEK)	57.7		5.0	1.0
591-78-6	2-Hexanone	59.5		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	56.4		5.0	1.0
67-64-1	Acetone	53.4		5.0	1.5
71-43-2	Benzene	5.73		0.50	0.10
74-97-5	Bromochloromethane	5.99		0.50	0.080
75-27-4	Bromodichloromethane	5.75		0.50	0.080
75-25-2	Bromoform	5.32		1.0	0.30
74-83-9	Bromomethane	5.43		0.50	0.10
75-15-0	Carbon disulfide	5.46		1.0	0.10
56-23-5	Carbon tetrachloride	5.84		0.50	0.10
108-90-7	Chlorobenzene	5.10		0.50	0.070
75-00-3	Chloroethane	5.64		0.50	0.10
67-66-3	Chloroform	5.83		0.50	0.090
74-87-3	Chloromethane	5.19		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	5.97		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	5.64		0.50	0.10
124-48-1	Dibromochloromethane	5.04		0.50	0.080
100-41-4	Ethylbenzene	5.05		0.50	0.080
1634-04-4	Methyl tert-butyl ether	5.57		0.50	0.080
75-09-2	Methylene Chloride	5.91		0.50	0.20
100-42-5	Styrene	5.07		0.50	0.070
127-18-4	Tetrachloroethene	4.90		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-680541/4

Matrix: Water
Lab File ID: HG04X33.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 25(mL)
Date Analyzed: 08/04/2025 20:30

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.: 680541
Units: ug/L

Preparation Batch No.:
Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	5.11		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	5.98		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	5.21		0.50	0.080
79-01-6	Trichloroethene	5.67		0.50	0.080
75-01-4	Vinyl chloride	5.36		0.50	0.10
1330-20-7	Xylenes, Total	15.2		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		80-120
460-00-4	4-Bromofluorobenzene (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	105		80-120
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X33.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 04-Aug-2025 20:30:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155489-004
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 04-Aug-2025 22:02:28 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1647

First Level Reviewer: JS6E Date: 04-Aug-2025 21:02:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.831	1.824	0.007	99	321715	5.00	6.05	
5 Chloromethane	50	2.013	2.013	0.000	99	364464	5.00	5.19	
7 Butadiene	39	2.105	2.105	0.000	91	396768	5.00	5.88	
6 Vinyl chloride	62	2.123	2.123	0.000	98	340750	5.00	5.36	
9 Bromomethane	94	2.398	2.398	0.000	90	245090	5.00	5.43	
10 Chloroethane	64	2.477	2.477	0.000	100	225012	5.00	5.64	
11 Dichlorofluoromethane	67	2.684	2.684	0.000	97	574339	5.00	5.38	
12 Trichlorofluoromethane	101	2.702	2.696	0.006	97	447567	5.00	5.43	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.032	3.032	0.000	95	341032	5.00	5.55	
17 1,1-Dichloroethene	96	3.257	3.251	0.006	97	253902	5.00	6.10	
19 Acetone	43	3.294	3.288	0.006	92	325886	62.5	53.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.294	3.294	0.000	93	260676	5.00	6.38	
21 Iodomethane	142	3.428	3.428	0.000	99	429769	5.00	5.38	
23 Carbon disulfide	76	3.531	3.531	0.000	99	696309	5.00	5.46	
24 Methyl acetate	43	3.678	3.666	0.012	91	60200	5.00	4.13	M
26 3-Chloro-1-propene	41	3.684	3.684	0.000	93	432063	5.00	5.26	
27 Methylene Chloride	84	3.848	3.848	0.000	94	258145	5.00	5.91	
* 28 t-Butyl alcohol-d10 (IS)	65	3.861	3.861	0.000	37	85934	50.0	50.0	
29 2-Methyl-2-propanol	59	3.970	3.970	0.000	100	101535	50.0	54.3	
31 Acrylonitrile	53	4.184	4.178	0.006	99	173947	25.0	22.8	
32 Methyl tert-butyl ether	73	4.208	4.214	-0.006	96	533067	5.00	5.57	
33 trans-1,2-Dichloroethene	96	4.239	4.233	0.006	97	275775	5.00	5.98	
34 Hexane	57	4.653	4.653	0.000	93	436205	5.00	6.23	
36 1,1-Dichloroethane	63	4.891	4.885	0.006	96	523663	5.00	5.88	
37 Isopropyl ether	45	4.946	4.946	0.000	95	861530	5.00	5.73	
38 2-Chloro-1,3-butadiene	53	5.007	4.995	0.012	91	424608	5.00	5.51	
40 Tert-butyl ethyl ether	59	5.488	5.488	0.000	98	739090	5.00	5.67	
41 2-Butanone (MEK)	43	5.702	5.696	0.006	100	603478	62.5	57.7	
42 cis-1,2-Dichloroethene	96	5.732	5.732	0.000	84	299762	5.00	5.97	
43 2,2-Dichloropropane	77	5.744	5.738	0.006	85	435252	5.00	5.58	
44 Propionitrile	54	5.818	5.787	0.031	96	78442	37.5	30.1	
47 Methacrylonitrile	67	6.000	5.994	0.006	93	402807	37.5	38.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
48 Chlorobromomethane	128	6.068	6.068	0.000	97	113805	5.00	5.99	
49 Tetrahydrofuran	71	6.086	6.080	0.006	80	70728	25.0	24.1	
50 Chloroform	83	6.226	6.220	0.006	94	482384	5.00	5.83	
$ 52 Dibromofluoromethane (Surr)	113	6.446	6.446	0.000	94	400258	10.0	10.5	
53 1,1,1-Trichloroethane	97	6.458	6.458	0.000	98	443361	5.00	5.73	
54 Cyclohexane	56	6.555	6.555	0.000	91	537382	5.00	5.65	
55 1,1-Dichloropropene	75	6.671	6.671	0.000	96	405979	5.00	5.68	
56 Carbon tetrachloride	117	6.671	6.671	0.000	84	381553	5.00	5.84	
57 Isobutyl alcohol	41	6.842	6.824	0.018	97	83795	125.0	114.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.903	0.000	81	73788	10.0	10.7	
59 Benzene	78	6.933	6.933	0.000	97	1165057	5.00	5.73	
60 1,2-Dichloroethane	62	7.012	7.006	0.006	97	262321	5.00	5.75	
63 Tert-amyl methyl ether	73	7.141	7.134	0.006	99	628995	5.00	5.57	
* 64 Fluorobenzene (IS)	96	7.348	7.348	0.000	98	1639503	10.0	10.0	
65 n-Heptane	43	7.372	7.378	-0.006	93	453077	5.00	6.12	
67 n-Butanol	56	7.756	7.732	0.024	90	109626	250.0	205.7	
68 Trichloroethene	95	7.842	7.842	0.000	99	301576	5.00	5.67	
69 Methylcyclohexane	83	8.159	8.159	0.000	93	531461	5.00	5.74	
70 1,2-Dichloropropane	63	8.177	8.177	0.000	89	299292	5.00	6.13	
71 2-ethoxy-2-methyl butane	87	8.195	8.195	0.000	92	412306	5.00	5.58	
72 Methyl methacrylate	69	8.281	8.274	0.007	93	90204	5.00	4.21	
73 1,4-Dioxane	88	8.293	8.281	0.012	30	15545	125.0	146.5	
74 Dibromomethane	93	8.287	8.287	0.000	95	113566	5.00	6.28	
76 Dichlorobromomethane	83	8.530	8.531	0.000	99	313354	5.00	5.75	
77 2-Nitropropane	41	8.805	8.793	0.012	98	25355	5.00	3.81	
79 1-Bromo-2-chloroethane	63	8.933	8.927	0.006	99	253968	5.00	5.83	
80 cis-1,3-Dichloropropene	75	9.104	9.097	0.007	96	376005	5.00	5.64	
82 4-Methyl-2-pentanone (MIBK)	43	9.280	9.280	0.000	97	1680087	62.5	56.4	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	93	1763159	10.0	9.47	
84 Toluene	92	9.512	9.506	0.006	98	738169	5.00	5.11	
85 trans-1,3-Dichloropropene	75	9.792	9.786	0.006	93	298097	5.00	5.21	
104 Ethyl methacrylate	69	9.866	9.860	0.006	90	218699	5.00	5.41	
106 1,1,2-Trichloroethane	97	10.000	10.000	0.000	91	167097	5.00	5.21	
107 Tetrachloroethene	166	10.091	10.091	0.000	97	333827	5.00	4.90	
108 1,3-Dichloropropane	76	10.164	10.164	0.000	91	293941	5.00	5.27	
109 2-Hexanone	43	10.225	10.225	0.000	96	1132501	62.5	59.5	
111 Chlorodibromomethane	129	10.390	10.390	0.000	90	199653	5.00	5.04	
112 Ethylene Dibromide	107	10.506	10.506	0.000	100	151522	5.00	5.45	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1338778	10.0	10.0	
114 1-Chlorohexane	91	10.963	10.963	0.000	97	423029	5.00	4.66	
115 Chlorobenzene	112	10.975	10.975	0.000	94	778939	5.00	5.10	
116 1,1,1,2-Tetrachloroethane	131	11.060	11.060	0.000	96	258247	5.00	5.14	
117 Ethylbenzene	91	11.067	11.067	0.000	98	1437635	5.00	5.05	
119 m-Xylene & p-Xylene	106	11.188	11.189	-0.001	100	1095761	10.0	10.1	
120 o-Xylene	106	11.518	11.518	0.000	98	523781	5.00	5.10	
121 Styrene	104	11.536	11.536	0.000	93	835519	5.00	5.07	
122 Bromoform	173	11.694	11.695	-0.001	98	108825	5.00	5.32	
123 Isopropylbenzene	105	11.829	11.829	0.000	96	1431928	5.00	5.71	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	678332	10.0	10.1	
127 1,1,2,2-Tetrachloroethane	83	12.079	12.072	0.007	94	192962	5.00	5.18	
128 Bromobenzene	156	12.091	12.085	0.006	94	307959	5.00	5.09	
129 trans-1,4-Dichloro-2-butene	53	12.103	12.103	0.000	92	223501	25.0	20.3	

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	12.121	12.121	0.000	81	51144	5.00	5.47	
131 N-Propylbenzene	91	12.164	12.164	0.000	99	1696253	5.00	5.04	
132 2-Chlorotoluene	126	12.237	12.237	0.000	97	322268	5.00	5.02	
133 1,3,5-Trimethylbenzene	105	12.304	12.298	0.006	93	1179017	5.00	5.01	
134 4-Chlorotoluene	126	12.329	12.329	-0.001	98	326494	5.00	5.05	
135 tert-Butylbenzene	134	12.542	12.542	0.000	94	245730	5.00	4.73	
137 1,2,4-Trimethylbenzene	105	12.585	12.585	0.000	98	1173526	5.00	4.91	
138 sec-Butylbenzene	105	12.706	12.707	0.000	94	1525734	5.00	5.03	
139 1,3-Dichlorobenzene	146	12.810	12.804	0.006	98	617359	5.00	5.10	
140 4-Isopropyltoluene	119	12.816	12.816	0.000	97	1284978	5.00	4.94	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	94	756210	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.883	12.883	0.000	94	616192	5.00	4.94	
143 1,2,3-Trimethylbenzene	120	12.889	12.889	0.000	99	509641	5.00	5.06	
144 Benzyl chloride	126	12.963	12.956	0.007	98	77450	5.00	5.27	
145 p-Diethylbenzene	119	13.091	13.091	0.000	95	790569	5.00	5.19	
146 n-Butylbenzene	92	13.115	13.109	0.006	97	647385	5.00	5.28	
147 1,2-Dichlorobenzene	146	13.139	13.139	0.000	98	546171	5.00	5.17	
149 1,2-Dibromo-3-Chloropropane	155	13.688	13.688	0.000	86	25640	5.00	5.18	
150 1,3,5-Trichlorobenzene	180	13.816	13.810	0.006	98	468155	5.00	5.27	
151 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	379978	5.00	5.34	
152 Hexachlorobutadiene	225	14.322	14.322	0.000	95	200336	5.00	5.70	
153 Naphthalene	128	14.413	14.413	0.000	97	596585	5.00	5.13	
154 1,2,3-Trichlorobenzene	180	14.554	14.554	0.000	96	317211	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_LCS_VOC#1_00232	Amount Added:	12.50	Units: uL	
MSV_QC_Gas826_00273	Amount Added:	12.50	Units: uL	
MSV_LLcentISS_00017	Amount Added:	5.00	Units: uL	Run Reagent

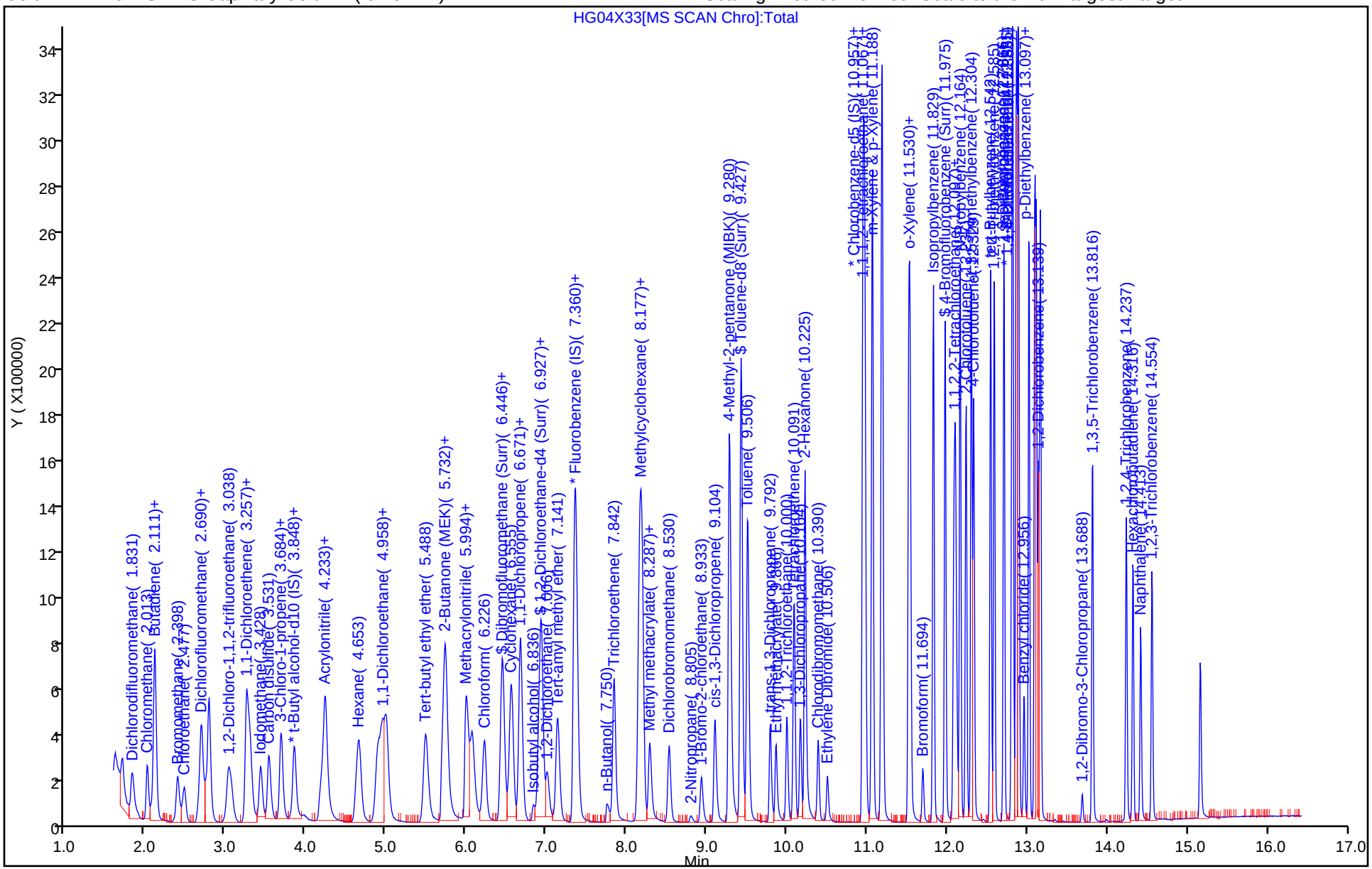
Report Date: 04-Aug-2025 22:02:33 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X33.D

Injection Date:	04-Aug-2025 20:30:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	25.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



08/06/2025

Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\HG04X33.D				
Lims ID:	LCS				
Client ID:					
Sample Type:	LCS				
Inject. Date:	04-Aug-2025 20:30:30	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0155489-004				
Operator ID:	gaw91131	Instrument ID:	19094		
Method:	\\chromfs\Lancaster\ChromData\19094\20250804-155489.b\MSV_19094_25mL.m				
Limit Group:	MSV - 8260C_D				
Last Update:	04-Aug-2025 22:02:28	Calib Date:	10-Jul-2025 06:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1647				

First Level Reviewer: JS6E Date: 04-Aug-2025 21:02:20

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	10.5	105.18
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.7	106.94
$ 83 Toluene-d8 (Surr)	10.0	9.47	94.67
$ 126 4-Bromofluorobenzene (Surr)	10.0	10.1	100.86

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-681140/4

Matrix: Water
Lab File ID: HG05X33.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 25(mL)
Date Analyzed: 08/05/2025 19:43

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.: 681140
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	5.06		0.50	0.070
71-55-6	1,1,1-Trichloroethane	5.13		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	5.14		0.50	0.10
79-00-5	1,1,2-Trichloroethane	5.16		0.50	0.080
75-34-3	1,1-Dichloroethane	5.48		0.50	0.10
75-35-4	1,1-Dichloroethene	5.56		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	5.51		0.50	0.080
107-06-2	1,2-Dichloroethane	5.19		0.50	0.070
78-87-5	1,2-Dichloropropane	5.55		0.50	0.10
78-93-3	2-Butanone (MEK)	58.0		5.0	1.0
591-78-6	2-Hexanone	60.3		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	56.6		5.0	1.0
67-64-1	Acetone	53.3		5.0	1.5
71-43-2	Benzene	5.28		0.50	0.10
74-97-5	Bromochloromethane	5.43		0.50	0.080
75-27-4	Bromodichloromethane	5.35		0.50	0.080
75-25-2	Bromoform	5.29		1.0	0.30
74-83-9	Bromomethane	4.94		0.50	0.10
75-15-0	Carbon disulfide	4.95		1.0	0.10
56-23-5	Carbon tetrachloride	5.26		0.50	0.10
108-90-7	Chlorobenzene	5.06		0.50	0.070
75-00-3	Chloroethane	5.10		0.50	0.10
67-66-3	Chloroform	5.32		0.50	0.090
74-87-3	Chloromethane	4.51		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	5.39		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	5.12		0.50	0.10
124-48-1	Dibromochloromethane	5.01		0.50	0.080
100-41-4	Ethylbenzene	4.99		0.50	0.080
1634-04-4	Methyl tert-butyl ether	5.07		0.50	0.080
75-09-2	Methylene Chloride	5.36		0.50	0.20
100-42-5	Styrene	5.02		0.50	0.070
127-18-4	Tetrachloroethene	4.84		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-681140/4

Matrix: Water
Lab File ID: HG05X33.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 25(mL)
Date Analyzed: 08/05/2025 19:43

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.: 681140
Units: ug/L

Preparation Batch No.:
Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	5.10		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	5.35		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	5.14		0.50	0.080
79-01-6	Trichloroethene	5.20		0.50	0.080
75-01-4	Vinyl chloride	4.76		0.50	0.10
1330-20-7	Xylenes, Total	15.0		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		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\20250805-155612.b\HG05X33.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 05-Aug-2025 19:43:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155612-004
Misc. Info.: LCS
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Aug-2025 21:20:17 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1700

First Level Reviewer: JS6E Date: 05-Aug-2025 20:39:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.831	1.819	0.012	99	320453	5.00	5.09	
5 Chloromethane	50	2.020	2.008	0.012	99	374828	5.00	4.51	
7 Butadiene	39	2.111	2.099	0.012	91	424307	5.00	5.31	
6 Vinyl chloride	62	2.123	2.111	0.012	98	358258	5.00	4.76	
9 Bromomethane	94	2.404	2.392	0.012	91	264122	5.00	4.94	
10 Chloroethane	64	2.483	2.471	0.012	100	240779	5.00	5.10	
11 Dichlorofluoromethane	67	2.690	2.684	0.006	97	621917	5.00	4.92	
12 Trichlorofluoromethane	101	2.696	2.690	0.006	97	476265	5.00	4.88	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.038	3.032	0.006	94	368897	5.00	5.07	
17 1,1-Dichloroethene	96	3.251	3.245	0.006	97	274148	5.00	5.56	
19 Acetone	43	3.288	3.276	0.012	93	345458	62.5	53.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.294	3.288	0.006	93	276645	5.00	5.72	
21 Iodomethane	142	3.428	3.422	0.006	99	464612	5.00	4.92	
23 Carbon disulfide	76	3.538	3.526	0.012	99	748857	5.00	4.95	
24 Methyl acetate	43	3.672	3.660	0.012	25	64006	5.00	4.13	M
26 3-Chloro-1-propene	41	3.684	3.678	0.006	93	475708	5.00	4.89	
27 Methylene Chloride	84	3.849	3.843	0.006	94	277230	5.00	5.36	
* 28 t-Butyl alcohol-d10 (IS)	65	3.855	3.855	0.000	97	91244	50.0	50.0	
29 2-Methyl-2-propanol	59	3.971	3.952	0.019	99	106641	50.0	53.7	
31 Acrylonitrile	53	4.190	4.178	0.012	98	163900	25.0	20.3	
32 Methyl tert-butyl ether	73	4.221	4.208	0.013	97	574636	5.00	5.07	
33 trans-1,2-Dichloroethene	96	4.239	4.233	0.006	98	292330	5.00	5.35	
34 Hexane	57	4.659	4.647	0.012	93	467410	5.00	5.64	
36 1,1-Dichloroethane	63	4.885	4.879	0.006	96	578164	5.00	5.48	
37 Isopropyl ether	45	4.952	4.946	0.006	95	940709	5.00	5.28	
38 2-Chloro-1,3-butadiene	53	5.001	4.989	0.012	91	469178	5.00	5.14	
40 Tert-butyl ethyl ether	59	5.495	5.489	0.006	98	804521	5.00	5.21	
41 2-Butanone (MEK)	43	5.702	5.690	0.012	100	644287	62.5	58.0	
42 cis-1,2-Dichloroethene	96	5.732	5.726	0.006	84	320526	5.00	5.39	
43 2,2-Dichloropropane	77	5.745	5.739	0.006	88	470616	5.00	5.10	
44 Propionitrile	54	5.812	5.775	0.037	97	79942	37.5	28.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
47 Methacrylonitrile	67	6.001	5.988	0.013	93	424270	37.5	38.0	
48 Chlorobromomethane	128	6.074	6.062	0.012	97	122059	5.00	5.43	
49 Tetrahydrofuran	71	6.092	6.080	0.012	81	77398	25.0	24.8	
50 Chloroform	83	6.226	6.220	0.006	94	521352	5.00	5.32	
$ 52 Dibromofluoromethane (Surr)	113	6.446	6.440	0.006	94	454436	10.0	10.1	
53 1,1,1-Trichloroethane	97	6.452	6.452	0.000	99	470459	5.00	5.13	
54 Cyclohexane	56	6.562	6.555	0.007	91	577582	5.00	5.13	
55 1,1-Dichloropropene	75	6.677	6.671	0.006	96	440982	5.00	5.21	
56 Carbon tetrachloride	117	6.677	6.671	0.006	82	407662	5.00	5.26	
57 Isobutyl alcohol	41	6.836	6.824	0.012	94	88054	125.0	113.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.897	0.006	93	85298	10.0	10.4	
59 Benzene	78	6.933	6.933	0.000	97	1269839	5.00	5.28	
60 1,2-Dichloroethane	62	7.013	7.007	0.006	97	280267	5.00	5.19	
63 Tert-amyl methyl ether	73	7.135	7.135	0.000	99	687197	5.00	5.14	
* 64 Fluorobenzene (IS)	96	7.348	7.348	0.000	98	1941637	10.0	10.0	
65 n-Heptane	43	7.372	7.372	0.000	94	487538	5.00	5.56	
67 n-Butanol	56	7.756	7.732	0.024	88	146502	250.0	249.5	M
68 Trichloroethene	95	7.842	7.836	0.006	99	327390	5.00	5.20	
69 Methylcyclohexane	83	8.153	8.153	0.000	93	571912	5.00	5.21	
70 1,2-Dichloropropane	63	8.177	8.171	0.006	97	320969	5.00	5.55	
71 2-ethoxy-2-methyl butane	87	8.195	8.195	0.000	91	444873	5.00	5.08	
72 Methyl methacrylate	69	8.281	8.275	0.006	92	99171	5.00	4.35	
73 1,4-Dioxane	88	8.287	8.275	0.012	31	18524	125.0	161.6	
74 Dibromomethane	93	8.293	8.287	0.006	96	122382	5.00	5.71	
76 Dichlorobromomethane	83	8.531	8.525	0.006	99	345310	5.00	5.35	
77 2-Nitropropane	41	8.805	8.793	0.012	98	27769	5.00	3.93	
79 1-Bromo-2-chloroethane	63	8.927	8.927	0.000	98	272025	5.00	5.27	
80 cis-1,3-Dichloropropene	75	9.104	9.098	0.006	96	404477	5.00	5.12	
82 4-Methyl-2-pentanone (MIBK)	43	9.281	9.281	0.000	97	1790083	62.5	56.6	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	1998310	10.0	9.83	
84 Toluene	92	9.512	9.506	0.006	98	802936	5.00	5.10	
85 trans-1,3-Dichloropropene	75	9.793	9.787	0.006	93	320802	5.00	5.14	
104 Ethyl methacrylate	69	9.866	9.860	0.006	90	241052	5.00	5.46	
106 1,1,2-Trichloroethane	97	10.000	10.000	0.000	91	180428	5.00	5.16	
107 Tetrachloroethene	166	10.091	10.091	0.000	98	360667	5.00	4.84	
108 1,3-Dichloropropane	76	10.171	10.164	0.007	91	318909	5.00	5.24	
109 2-Hexanone	43	10.225	10.225	0.000	97	1217847	62.5	60.3	
111 Chlorodibromomethane	129	10.390	10.390	0.000	90	216329	5.00	5.01	
112 Ethylene Dibromide	107	10.506	10.506	0.000	99	167338	5.00	5.51	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1461801	10.0	10.0	
114 1-Chlorohexane	91	10.963	10.963	0.000	97	455369	5.00	4.59	
115 Chlorobenzene	112	10.975	10.975	0.000	94	842892	5.00	5.06	
116 1,1,1,2-Tetrachloroethane	131	11.061	11.061	0.000	96	277461	5.00	5.06	
117 Ethylbenzene	91	11.067	11.067	0.000	99	1551643	5.00	4.99	
119 m-Xylene & p-Xylene	106	11.189	11.189	0.000	100	1185746	10.0	10.0	
120 o-Xylene	106	11.524	11.518	0.006	96	562234	5.00	5.02	
121 Styrene	104	11.542	11.536	0.006	95	902550	5.00	5.02	
122 Bromoform	173	11.695	11.695	0.000	97	118204	5.00	5.29	
123 Isopropylbenzene	105	11.829	11.829	0.000	96	1531457	5.00	5.59	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	726912	10.0	9.90	
127 1,1,2,2-Tetrachloroethane	83	12.079	12.079	0.000	93	204787	5.00	5.14	
128 Bromobenzene	156	12.091	12.091	0.000	97	328736	5.00	5.08	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
129 trans-1,4-Dichloro-2-butene	53	12.103	12.103	0.000	92	241864	25.0	20.7	
130 1,2,3-Trichloropropane	110	12.121	12.121	0.000	81	54929	5.00	5.50	
131 N-Propylbenzene	91	12.164	12.164	0.000	99	1825996	5.00	5.07	
132 2-Chlorotoluene	126	12.237	12.237	0.000	96	345944	5.00	5.04	
133 1,3,5-Trimethylbenzene	105	12.304	12.304	0.000	94	1260881	5.00	5.01	
134 4-Chlorotoluene	126	12.329	12.329	0.000	98	349353	5.00	5.05	
135 tert-Butylbenzene	134	12.542	12.542	0.000	94	266491	5.00	4.79	
137 1,2,4-Trimethylbenzene	105	12.585	12.585	0.000	98	1262890	5.00	4.94	
138 sec-Butylbenzene	105	12.707	12.707	0.000	94	1638886	5.00	5.05	
139 1,3-Dichlorobenzene	146	12.810	12.804	0.006	98	662125	5.00	5.12	
140 4-Isopropyltoluene	119	12.823	12.816	0.007	97	1380090	5.00	4.96	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	94	808797	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.883	12.883	0.000	94	662954	5.00	4.97	
143 1,2,3-Trimethylbenzene	120	12.890	12.890	0.000	99	552365	5.00	5.13	
144 Benzyl chloride	126	12.963	12.957	0.006	99	83264	5.00	5.30	
145 p-Diethylbenzene	119	13.091	13.091	0.000	97	853655	5.00	5.24	
146 n-Butylbenzene	92	13.115	13.115	0.000	98	696021	5.00	5.31	
147 1,2-Dichlorobenzene	146	13.140	13.140	0.000	98	587352	5.00	5.20	
149 1,2-Dibromo-3-Chloropropane	155	13.688	13.688	0.000	85	26022	5.00	4.92	
150 1,3,5-Trichlorobenzene	180	13.816	13.816	0.000	98	502685	5.00	5.29	
151 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	408771	5.00	5.37	
152 Hexachlorobutadiene	225	14.322	14.322	0.000	95	214417	5.00	5.70	
153 Naphthalene	128	14.414	14.414	0.000	97	644977	5.00	5.18	
154 1,2,3-Trichlorobenzene	180	14.560	14.554	0.006	96	338465	5.00	5.42	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00232	Amount Added:	12.50	Units: uL	
MSV_QC_Gas826_00273	Amount Added:	12.50	Units: uL	
MSV_LLcentISS_00017	Amount Added:	5.00	Units: uL	Run Reagent

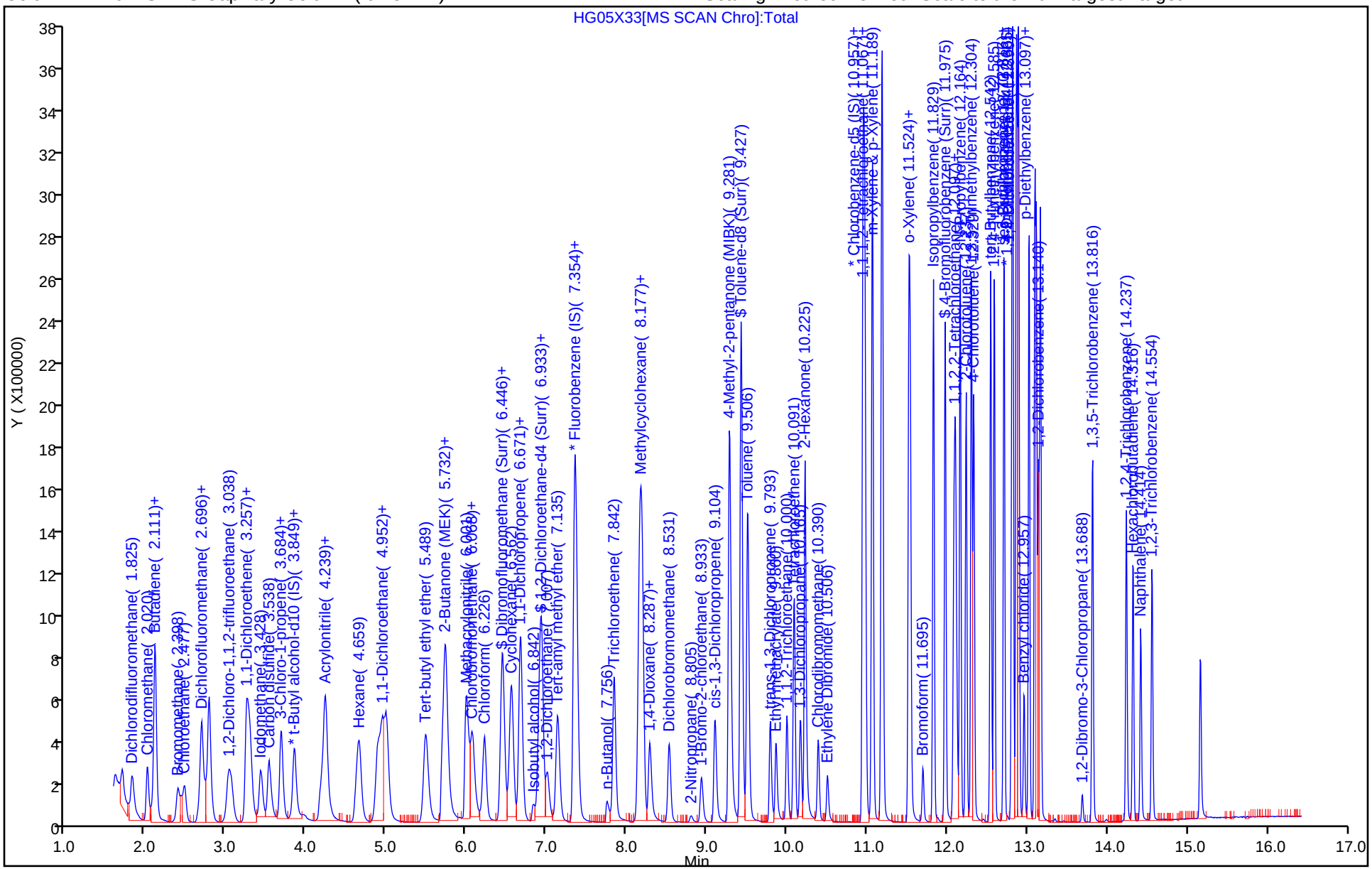
Report Date: 05-Aug-2025 21:20:21 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X33.D

Injection Date:	05-Aug-2025 19:43:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	25.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X33.D				
Lims ID:	LCS				
Client ID:					
Sample Type:	LCS				
Inject. Date:	05-Aug-2025 19:43:30	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0155612-004				
Misc. Info.:	LCS				
Operator ID:	gaw91131	Instrument ID:	19094		
Method:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m				
Limit Group:	MSV - 8260C_D				
Last Update:	05-Aug-2025 21:20:17	Calib Date:	10-Jul-2025 06:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1700				

First Level Reviewer: JS6E Date: 05-Aug-2025 20:39:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	10.1	100.84
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.4	104.38
$ 83 Toluene-d8 (Surr)	10.0	9.83	98.26
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.90	98.99

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-15-0/1-0 MS MS
Lab Sample ID: 410-234794-6 MS

Matrix: Water
Lab File ID: HG05X41.D

Analysis Method: 8260D
Date Collected: 07/29/2025 09:30

Sample wt/vol: 25(mL)
Date Analyzed: 08/05/2025 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.: 681140
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	5.32		0.50	0.070
71-55-6	1,1,1-Trichloroethane	5.96		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	5.52		0.50	0.10
79-00-5	1,1,2-Trichloroethane	5.29		0.50	0.080
75-34-3	1,1-Dichloroethane	6.09		0.50	0.10
75-35-4	1,1-Dichloroethene	6.44		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	5.52		0.50	0.080
107-06-2	1,2-Dichloroethane	5.16		0.50	0.070
78-87-5	1,2-Dichloropropane	5.83		0.50	0.10
78-93-3	2-Butanone (MEK)	57.8		5.0	1.0
591-78-6	2-Hexanone	58.9		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	55.1		5.0	1.0
67-64-1	Acetone	53.0		5.0	1.5
71-43-2	Benzene	5.61		0.50	0.10
74-97-5	Bromochloromethane	5.67		0.50	0.080
75-27-4	Bromodichloromethane	5.51		0.50	0.080
75-25-2	Bromoform	5.13		1.0	0.30
74-83-9	Bromomethane	5.50		0.50	0.10
75-15-0	Carbon disulfide	5.64		1.0	0.10
56-23-5	Carbon tetrachloride	5.86		0.50	0.10
108-90-7	Chlorobenzene	5.41		0.50	0.070
75-00-3	Chloroethane	5.83		0.50	0.10
67-66-3	Chloroform	5.88		0.50	0.090
74-87-3	Chloromethane	5.15		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	7.17		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	5.24		0.50	0.10
124-48-1	Dibromochloromethane	5.18		0.50	0.080
100-41-4	Ethylbenzene	5.39		0.50	0.080
1634-04-4	Methyl tert-butyl ether	5.27		0.50	0.080
75-09-2	Methylene Chloride	5.80		0.50	0.20
100-42-5	Styrene	5.31		0.50	0.070
127-18-4	Tetrachloroethene	9.73		0.50	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-15-0/1-0 MS MS
Lab Sample ID: 410-234794-6 MS

Matrix: Water
Lab File ID: HG05X41.D

Analysis Method: 8260D
Date Collected: 07/29/2025 09:30

Sample wt/vol: 25(mL)
Date Analyzed: 08/05/2025 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.: 681140
Units: ug/L

Preparation Batch No.:
Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	5.47		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	5.99		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	5.24		0.50	0.080
79-01-6	Trichloroethene	6.88		0.50	0.080
75-01-4	Vinyl chloride	5.81		0.50	0.10
1330-20-7	Xylenes, Total	16.2		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		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\20250805-155612.b\HG05X41.D
Lims ID: 410-234794-A-6 MS
Client ID: HD-COD-SW-15-0/1-0 MS
Sample Type: MS
Inject. Date: 05-Aug-2025 22:28:30 ALS Bottle#: 11 Worklist Smp#: 13
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155612-013
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 06-Aug-2025 10:03:47 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1671

First Level Reviewer: N9NA Date: 06-Aug-2025 10:04:42

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	1.819	0.000	99	413631	5.00	6.40	
5 Chloromethane	50	2.008	2.008	0.000	99	440199	5.00	5.15	
7 Butadiene	39	2.099	2.099	0.000	91	551475	5.00	6.72	
6 Vinyl chloride	62	2.111	2.111	0.000	98	448516	5.00	5.81	
9 Bromomethane	94	2.386	2.392	-0.006	90	301772	5.00	5.50	
10 Chloroethane	64	2.465	2.471	-0.006	100	282842	5.00	5.83	
11 Dichlorofluoromethane	67	2.678	2.684	-0.006	97	729524	5.00	5.62	
12 Trichlorofluoromethane	101	2.690	2.690	0.000	98	585619	5.00	5.85	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.032	3.032	0.000	94	439878	5.00	5.89	
17 1,1-Dichloroethene	96	3.239	3.245	-0.006	97	325885	5.00	6.44	
19 Acetone	43	3.282	3.276	0.006	99	364118	62.6	53.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.288	3.288	0.000	92	327751	5.00	6.60	
21 Iodomethane	142	3.422	3.422	0.000	99	528759	5.00	5.45	
23 Carbon disulfide	76	3.526	3.526	0.000	99	875696	5.00	5.64	
24 Methyl acetate	43	3.666	3.660	0.006	29	108014	5.00	6.58	
26 3-Chloro-1-propene	41	3.678	3.678	0.000	93	527483	5.00	5.28	
27 Methylene Chloride	84	3.843	3.843	0.000	94	307738	5.00	5.80	
* 28 t-Butyl alcohol-d10 (IS)	65	3.836	3.855	-0.019	35	96621	50.0	50.0	
29 2-Methyl-2-propanol	59	3.952	3.952	0.000	99	88105	50.0	41.9	
31 Acrylonitrile	53	4.166	4.178	-0.012	99	179994	25.0	21.1	
32 Methyl tert-butyl ether	73	4.202	4.208	-0.006	95	612933	5.00	5.27	
33 trans-1,2-Dichloroethene	96	4.227	4.233	-0.006	97	335596	5.00	5.99	
34 Hexane	57	4.647	4.647	0.000	93	547142	5.00	6.43	
36 1,1-Dichloroethane	63	4.879	4.879	0.000	96	660233	5.00	6.09	
37 Isopropyl ether	45	4.934	4.946	-0.012	95	1003672	5.00	5.49	
38 2-Chloro-1,3-butadiene	53	4.995	4.989	0.006	91	538106	5.00	5.74	
40 Tert-butyl ethyl ether	59	5.483	5.489	-0.006	98	851014	5.00	5.37	
41 2-Butanone (MEK)	43	5.690	5.690	0.000	100	678876	62.6	57.8	
42 cis-1,2-Dichloroethene	96	5.726	5.726	0.000	84	437198	5.00	7.17	
43 2,2-Dichloropropane	77	5.739	5.739	0.000	88	530772	5.00	5.60	
44 Propionitrile	54	5.812	5.775	0.037	97	78769	37.5	26.9	
47 Methacrylonitrile	67	5.989	5.988	0.001	93	447380	37.5	37.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
48 Chlorobromomethane	128	6.062	6.062	0.000	97	130808	5.00	5.67	
49 Tetrahydrofuran	71	6.080	6.080	0.000	79	78256	25.0	23.7	
50 Chloroform	83	6.214	6.220	-0.006	93	591533	5.00	5.88	
$ 52 Dibromofluoromethane (Surr)	113	6.440	6.440	0.000	94	470948	10.0	10.2	
53 1,1,1-Trichloroethane	97	6.452	6.452	0.000	99	561133	5.00	5.96	
54 Cyclohexane	56	6.549	6.555	-0.006	92	679545	5.00	5.88	
55 1,1-Dichloropropene	75	6.665	6.671	-0.006	95	500687	5.00	5.77	
56 Carbon tetrachloride	117	6.665	6.671	-0.006	84	465501	5.00	5.86	
57 Isobutyl alcohol	41	6.836	6.824	0.012	96	76779	125.1	93.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.891	6.897	-0.006	81	90611	10.0	10.8	
59 Benzene	78	6.927	6.933	-0.006	97	1384903	5.00	5.61	
60 1,2-Dichloroethane	62	7.007	7.007	0.000	97	286229	5.00	5.16	
63 Tert-amyl methyl ether	73	7.135	7.135	0.000	98	707690	5.00	5.16	
* 64 Fluorobenzene (IS)	96	7.342	7.348	-0.006	98	1992949	10.0	10.0	
65 n-Heptane	43	7.366	7.372	-0.006	93	565095	5.00	6.28	
67 n-Butanol	56	7.750	7.732	0.018	88	140789	250.2	229.8	
68 Trichloroethene	95	7.836	7.836	0.000	98	444973	5.00	6.88	
69 Methylcyclohexane	83	8.153	8.153	0.000	93	659871	5.00	5.86	
70 1,2-Dichloropropane	63	8.171	8.171	0.000	97	345724	5.00	5.83	
71 2-ethoxy-2-methyl butane	87	8.189	8.195	-0.006	93	469216	5.00	5.22	
72 Methyl methacrylate	69	8.281	8.275	0.006	91	102454	5.00	4.25	
73 1,4-Dioxane	88	8.281	8.275	0.006	30	18110	125.1	151.0	
74 Dibromomethane	93	8.287	8.287	0.000	95	129056	5.00	5.87	
76 Dichlorobromomethane	83	8.525	8.525	0.000	99	365079	5.00	5.51	
77 2-Nitropropane	41	8.805	8.793	0.012	97	27413	5.00	3.67	
79 1-Bromo-2-chloroethane	63	8.927	8.927	0.000	99	300822	5.00	5.68	
80 cis-1,3-Dichloropropene	75	9.098	9.098	0.000	96	424371	5.00	5.24	
82 4-Methyl-2-pentanone (MIBK)	43	9.281	9.281	0.000	97	1846381	62.6	55.1	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	93	2031645	10.0	9.88	
84 Toluene	92	9.506	9.506	0.000	98	871301	5.00	5.47	
85 trans-1,3-Dichloropropene	75	9.787	9.787	0.000	93	330965	5.00	5.24	
104 Ethyl methacrylate	69	9.860	9.860	0.000	90	242700	5.00	5.44	
106 1,1,2-Trichloroethane	97	9.994	10.000	-0.006	90	187277	5.00	5.29	
107 Tetrachloroethene	166	10.085	10.091	-0.006	97	732860	5.00	9.73	
108 1,3-Dichloropropane	76	10.165	10.164	0.001	90	340180	5.00	5.52	
109 2-Hexanone	43	10.225	10.225	0.000	97	1260950	62.6	58.9	
111 Chlorodibromomethane	129	10.390	10.390	0.000	90	226455	5.00	5.18	
112 Ethylene Dibromide	107	10.506	10.506	0.000	98	169467	5.00	5.52	
* 113 Chlorobenzene-d5 (IS)	117	10.945	10.951	-0.006	87	1478415	10.0	10.0	
114 1-Chlorohexane	91	10.963	10.963	0.000	97	516303	5.00	5.15	
115 Chlorobenzene	112	10.975	10.975	0.000	94	912295	5.00	5.41	
116 1,1,1,2-Tetrachloroethane	131	11.061	11.061	0.000	96	295420	5.00	5.32	
117 Ethylbenzene	91	11.067	11.067	0.000	98	1694383	5.00	5.39	
119 m-Xylene & p-Xylene	106	11.183	11.189	-0.006	100	1294204	10.0	10.8	
120 o-Xylene	106	11.518	11.518	0.000	97	616065	5.00	5.44	
121 Styrene	104	11.536	11.536	0.000	95	965177	5.00	5.31	
122 Bromoform	173	11.695	11.695	0.000	97	116013	5.00	5.13	
123 Isopropylbenzene	105	11.829	11.829	0.000	96	1695091	5.00	6.12	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	732261	10.0	9.86	
127 1,1,2,2-Tetrachloroethane	83	12.073	12.079	-0.006	93	219874	5.00	5.52	
128 Bromobenzene	156	12.091	12.091	0.000	96	351096	5.00	5.43	
129 trans-1,4-Dichloro-2-butene	53	12.103	12.103	0.000	92	235287	25.0	19.0	

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	12.121	12.121	0.000	81	55567	5.00	5.56	
131 N-Propylbenzene	91	12.158	12.164	-0.006	99	1999885	5.00	5.56	
132 2-Chlorotoluene	126	12.237	12.237	0.000	96	378182	5.00	5.50	
133 1,3,5-Trimethylbenzene	105	12.298	12.304	-0.006	95	1359765	5.00	5.40	
134 4-Chlorotoluene	126	12.329	12.329	0.000	98	373622	5.00	5.40	
135 tert-Butylbenzene	134	12.542	12.542	0.000	95	290102	5.00	5.22	
137 1,2,4-Trimethylbenzene	105	12.585	12.585	0.000	98	1363845	5.00	5.33	
138 sec-Butylbenzene	105	12.707	12.707	0.000	94	1825663	5.00	5.62	
139 1,3-Dichlorobenzene	146	12.804	12.804	0.000	98	705698	5.00	5.45	
140 4-Isopropyltoluene	119	12.816	12.816	0.000	97	1511595	5.00	5.43	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	94	808973	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.884	12.883	0.001	95	711388	5.00	5.34	
143 1,2,3-Trimethylbenzene	120	12.890	12.890	0.000	99	586782	5.00	5.44	
144 Benzyl chloride	126	12.957	12.957	0.000	99	83833	5.00	5.33	
145 p-Diethylbenzene	119	13.091	13.091	0.000	94	925140	5.00	5.67	
146 n-Butylbenzene	92	13.109	13.115	-0.006	98	761394	5.00	5.81	
147 1,2-Dichlorobenzene	146	13.140	13.140	0.000	98	617080	5.00	5.47	
149 1,2-Dibromo-3-Chloropropane	155	13.688	13.688	0.000	86	26902	5.00	5.08	
150 1,3,5-Trichlorobenzene	180	13.816	13.816	0.000	98	533790	5.00	5.62	
151 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	425705	5.00	5.59	
152 Hexachlorobutadiene	225	14.322	14.322	0.000	95	229944	5.00	6.11	
153 Naphthalene	128	14.414	14.414	0.000	97	658301	5.00	5.29	
154 1,2,3-Trichlorobenzene	180	14.554	14.554	0.000	96	349693	5.00	5.59	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

MSV_QC_Gas826_00273	Amount Added:	5.38	Units: uL	
MSV_LCS_VOC#1_00232	Amount Added:	5.38	Units: uL	
MSV_LLcentISS_00017	Amount Added:	5.00	Units: uL	Run Reagent

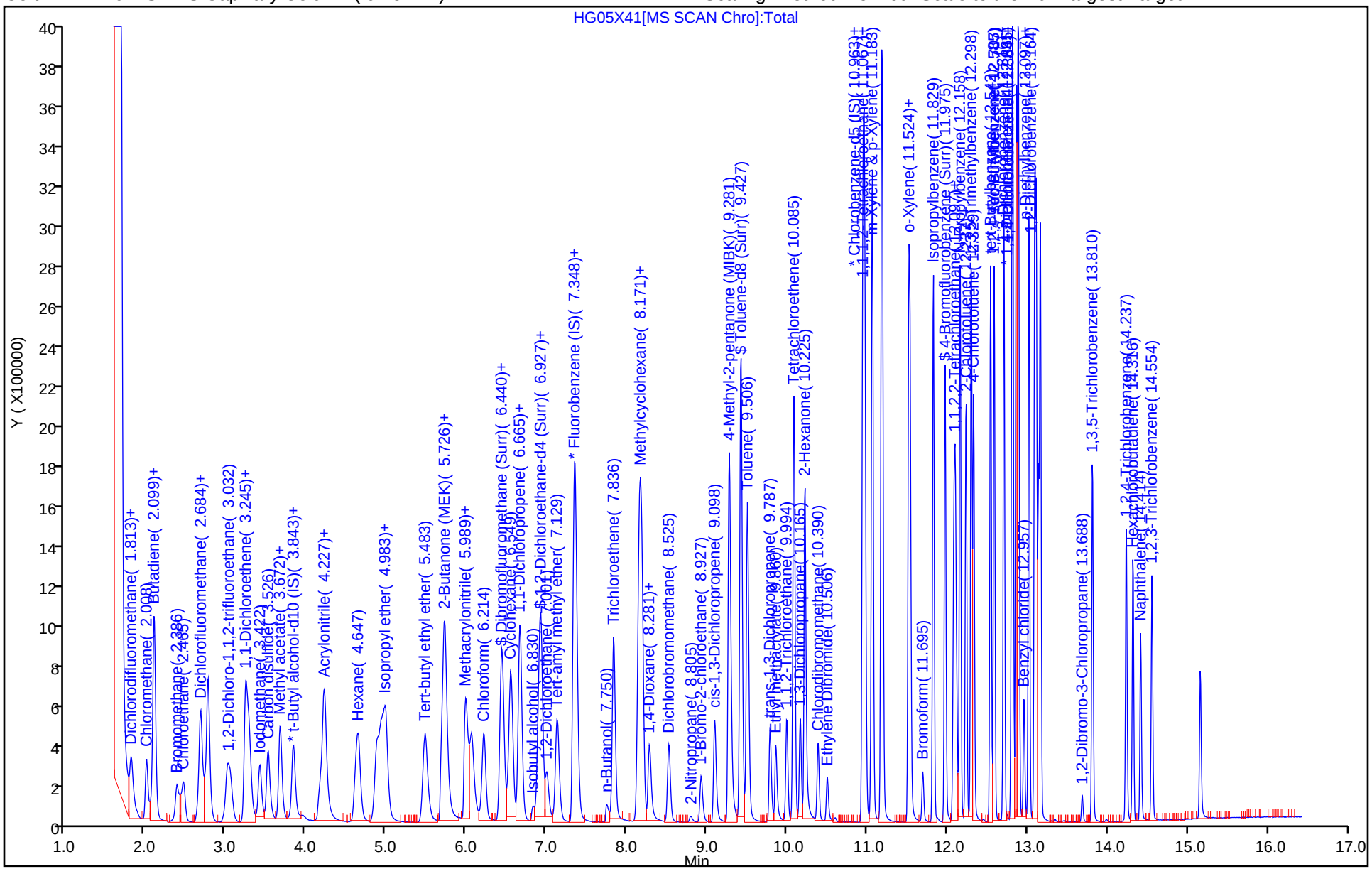
Report Date: 06-Aug-2025 10:04:43 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X41.D

Injection Date:	05-Aug-2025 22:28:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	410-234794-A-6 MS			Worklist Smp#:	13
Client ID:	HD-COD-SW-15-0/1-0 MS				
Purge Vol:	25.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X41.D				
Lims ID:	410-234794-A-6 MS				
Client ID:	HD-COD-SW-15-0/1-0 MS				
Sample Type:	MS				
Inject. Date:	05-Aug-2025 22:28:30	ALS Bottle#:	11	Worklist Smp#:	13
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0155612-013				
Operator ID:	gaw91131	Instrument ID:	19094		
Method:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m				
Limit Group:	MSV - 8260C_D				
Last Update:	06-Aug-2025 10:03:47	Calib Date:	10-Jul-2025 06:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1671				

First Level Reviewer: N9NA Date: 06-Aug-2025 10:04:42

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	10.2	101.81
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.8	108.03
$ 83 Toluene-d8 (Surr)	10.0	9.88	98.78
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.86	98.59

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-15-0/1-0 MSD MSD
Lab Sample ID: 410-234794-6 MSD

Matrix: Water
Lab File ID: HG05X42.D

Analysis Method: 8260D
Date Collected: 07/29/2025 09:30

Sample wt/vol: 25(mL)
Date Analyzed: 08/05/2025 22:48

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 681140
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	5.38		0.50	0.070
71-55-6	1,1,1-Trichloroethane	5.82		0.50	0.080
79-34-5	1,1,2,2-Tetrachloroethane	5.31		0.50	0.10
79-00-5	1,1,2-Trichloroethane	5.31		0.50	0.080
75-34-3	1,1-Dichloroethane	5.78		0.50	0.10
75-35-4	1,1-Dichloroethene	6.39		0.50	0.10
106-93-4	1,2-Dibromoethane (EDB)	5.51		0.50	0.080
107-06-2	1,2-Dichloroethane	5.32		0.50	0.070
78-87-5	1,2-Dichloropropane	5.72		0.50	0.10
78-93-3	2-Butanone (MEK)	62.5		5.0	1.0
591-78-6	2-Hexanone	64.7		5.0	2.0
108-10-1	4-Methyl-2-pentanone (MIBK)	60.1		5.0	1.0
67-64-1	Acetone	55.6		5.0	1.5
71-43-2	Benzene	5.53		0.50	0.10
74-97-5	Bromochloromethane	5.67		0.50	0.080
75-27-4	Bromodichloromethane	5.39		0.50	0.080
75-25-2	Bromoform	5.24		1.0	0.30
74-83-9	Bromomethane	5.43		0.50	0.10
75-15-0	Carbon disulfide	5.53		1.0	0.10
56-23-5	Carbon tetrachloride	5.79		0.50	0.10
108-90-7	Chlorobenzene	5.42		0.50	0.070
75-00-3	Chloroethane	5.82		0.50	0.10
67-66-3	Chloroform	5.77		0.50	0.090
74-87-3	Chloromethane	4.96		0.50	0.10
156-59-2	cis-1,2-Dichloroethene	6.99		0.50	0.080
10061-01-5	cis-1,3-Dichloropropene	5.20		0.50	0.10
124-48-1	Dibromochloromethane	5.18		0.50	0.080
100-41-4	Ethylbenzene	5.42		0.50	0.080
1634-04-4	Methyl tert-butyl ether	5.14		0.50	0.080
75-09-2	Methylene Chloride	5.65		0.50	0.20
100-42-5	Styrene	5.29		0.50	0.070

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-234794-1

SDG No.:

Client Sample ID: HD-COD-SW-15-0/1-0 MSD MSD
Lab Sample ID: 410-234794-6 MSD

Matrix: Water
Lab File ID: HG05X42.D

Analysis Method: 8260D
Date Collected: 07/29/2025 09:30

Sample wt/vol: 25(mL)
Date Analyzed: 08/05/2025 22:48

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 681140
Units: ug/L

Preparation Batch No.:
Instrument ID: 19094

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	9.73		0.50	0.20
108-88-3	Toluene	5.42		0.50	0.080
156-60-5	trans-1,2-Dichloroethene	5.76		0.50	0.10
10061-02-6	trans-1,3-Dichloropropene	5.27		0.50	0.080
79-01-6	Trichloroethene	6.77		0.50	0.080
75-01-4	Vinyl chloride	5.62		0.50	0.10
1330-20-7	Xylenes, Total	16.2		1.0	0.070

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		80-120
460-00-4	4-Bromofluorobenzene (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	100		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X42.D
Lims ID: 410-234794-A-6 MSD
Client ID: HD-COD-SW-15-0/1-0 MSD
Sample Type: MSD
Inject. Date: 05-Aug-2025 22:48:30 ALS Bottle#: 12 Worklist Smp#: 14
Purge Vol: 25.000 mL Dil. Factor: 1.0000
Sample Info: 410-0155612-014
Operator ID: gaw91131 Instrument ID: 19094

Method: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m
Limit Group: MSV - 8260C_D
Last Update: 05-Aug-2025 22:10:05 Calib Date: 10-Jul-2025 06:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1671

First Level Reviewer: N9NA Date: 06-Aug-2025 11:23:54

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	1.819	0.006	99	408188	5.00	6.22	
5 Chloromethane	50	2.014	2.008	0.006	99	430197	5.00	4.96	
7 Butadiene	39	2.105	2.099	0.006	91	545177	5.00	6.54	
6 Vinyl chloride	62	2.117	2.111	0.006	98	440349	5.00	5.62	
9 Bromomethane	94	2.392	2.392	0.000	91	302078	5.00	5.43	
10 Chloroethane	64	2.477	2.471	0.006	100	286299	5.00	5.82	
11 Dichlorofluoromethane	67	2.684	2.684	0.000	97	727810	5.00	5.53	
12 Trichlorofluoromethane	101	2.696	2.690	0.006	47	587971	5.00	5.78	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.032	3.032	0.000	95	444250	5.00	5.86	
17 1,1-Dichloroethene	96	3.251	3.245	0.006	97	328291	5.00	6.39	
19 Acetone	43	3.288	3.276	0.012	77	349448	62.6	55.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.288	3.288	0.000	93	328573	5.00	6.52	
21 Iodomethane	142	3.428	3.422	0.006	98	520784	5.00	5.29	
23 Carbon disulfide	76	3.532	3.526	0.006	99	871047	5.00	5.53	
24 Methyl acetate	43	3.672	3.660	0.012	28	69553	5.00	4.63	
26 3-Chloro-1-propene	41	3.678	3.678	0.000	93	526269	5.00	5.19	
27 Methylene Chloride	84	3.849	3.843	0.006	94	304521	5.00	5.65	
* 28 t-Butyl alcohol-d10 (IS)	65	3.855	3.855	0.000	36	88418	50.0	50.0	
29 2-Methyl-2-propanol	59	3.964	3.952	0.012	98	95390	50.0	49.6	
31 Acrylonitrile	53	4.178	4.178	0.000	99	176357	25.0	22.5	
32 Methyl tert-butyl ether	73	4.214	4.208	0.006	96	606162	5.00	5.14	
33 trans-1,2-Dichloroethene	96	4.233	4.233	0.000	97	327512	5.00	5.76	
34 Hexane	57	4.647	4.647	0.000	93	548066	5.00	6.35	
36 1,1-Dichloroethane	63	4.885	4.879	0.006	96	634947	5.00	5.78	
37 Isopropyl ether	45	4.940	4.946	-0.006	95	995393	5.00	5.36	
38 2-Chloro-1,3-butadiene	53	4.995	4.989	0.006	91	529896	5.00	5.57	
40 Tert-butyl ethyl ether	59	5.488	5.489	-0.001	98	841758	5.00	5.23	
41 2-Butanone (MEK)	43	5.690	5.690	0.000	100	672274	62.6	62.5	
42 cis-1,2-Dichloroethene	96	5.732	5.726	0.006	84	432952	5.00	6.99	
43 2,2-Dichloropropane	77	5.738	5.739	-0.001	86	523071	5.00	5.44	
44 Propionitrile	54	5.806	5.775	0.031	98	75390	37.5	28.1	
47 Methacrylonitrile	67	5.994	5.988	0.006	92	433081	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
48 Chlorobromomethane	128	6.068	6.062	0.006	98	132857	5.00	5.67	
49 Tetrahydrofuran	71	6.080	6.080	0.000	74	77068	25.0	25.5	
50 Chloroform	83	6.220	6.220	0.000	94	589108	5.00	5.77	
$ 52 Dibromofluoromethane (Surr)	113	6.440	6.440	0.000	94	471186	10.0	10.0	
53 1,1,1-Trichloroethane	97	6.452	6.452	0.000	99	556070	5.00	5.82	
54 Cyclohexane	56	6.555	6.555	0.000	92	679868	5.00	5.79	
55 1,1-Dichloropropene	75	6.671	6.671	0.000	96	502691	5.00	5.71	
56 Carbon tetrachloride	117	6.677	6.671	0.006	87	466958	5.00	5.79	
57 Isobutyl alcohol	41	6.836	6.824	0.012	92	84733	125.1	112.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.903	6.897	0.006	86	87349	10.0	10.3	
59 Benzene	78	6.933	6.933	0.000	97	1386061	5.00	5.53	
60 1,2-Dichloroethane	62	7.006	7.007	-0.001	97	299218	5.00	5.32	
63 Tert-amyl methyl ether	73	7.141	7.135	0.006	99	706123	5.00	5.07	
* 64 Fluorobenzene (IS)	96	7.348	7.348	0.000	98	2022437	10.0	10.0	
65 n-Heptane	43	7.372	7.372	0.000	93	562410	5.00	6.16	
67 n-Butanol	56	7.750	7.732	0.018	88	136210	250.2	240.9	
68 Trichloroethene	95	7.836	7.836	0.000	98	444475	5.00	6.77	
69 Methylcyclohexane	83	8.153	8.153	0.000	94	656462	5.00	5.75	
70 1,2-Dichloropropane	63	8.171	8.171	0.000	87	344271	5.00	5.72	
71 2-ethoxy-2-methyl butane	87	8.189	8.195	-0.006	92	469860	5.00	5.16	
72 Methyl methacrylate	69	8.281	8.275	0.006	90	107997	5.00	4.89	
73 1,4-Dioxane	88	8.281	8.275	0.006	29	16115	125.1	147.5	
74 Dibromomethane	93	8.287	8.287	0.000	96	128757	5.00	5.77	
76 Dichlorobromomethane	83	8.524	8.525	-0.001	99	362023	5.00	5.39	
77 2-Nitropropane	41	8.799	8.793	0.006	98	25683	5.00	3.76	
79 1-Bromo-2-chloroethane	63	8.933	8.927	0.006	99	302581	5.00	5.63	
80 cis-1,3-Dichloropropene	75	9.104	9.098	0.006	96	427291	5.00	5.20	
82 4-Methyl-2-pentanone (MIBK)	43	9.280	9.281	-0.001	97	1842174	62.6	60.1	
$ 83 Toluene-d8 (Surr)	98	9.427	9.427	0.000	94	2051817	10.0	9.98	
84 Toluene	92	9.506	9.506	0.000	98	864451	5.00	5.42	
85 trans-1,3-Dichloropropene	75	9.786	9.787	-0.001	93	332975	5.00	5.27	
104 Ethyl methacrylate	69	9.860	9.860	0.000	90	244940	5.00	5.49	
106 1,1,2-Trichloroethane	97	10.000	10.000	0.000	90	187908	5.00	5.31	
107 Tetrachloroethene	166	10.091	10.091	0.000	98	732271	5.00	9.73	
108 1,3-Dichloropropane	76	10.164	10.164	0.000	91	337400	5.00	5.48	
109 2-Hexanone	43	10.225	10.225	0.000	97	1267001	62.6	64.7	
111 Chlorodibromomethane	129	10.390	10.390	0.000	90	226496	5.00	5.18	
112 Ethylene Dibromide	107	10.500	10.506	-0.006	98	169309	5.00	5.51	
* 113 Chlorobenzene-d5 (IS)	117	10.951	10.951	0.000	87	1478461	10.0	10.0	
114 1-Chlorohexane	91	10.963	10.963	0.000	97	514494	5.00	5.13	
115 Chlorobenzene	112	10.975	10.975	0.000	94	913450	5.00	5.42	
116 1,1,1,2-Tetrachloroethane	131	11.061	11.061	0.000	97	298532	5.00	5.38	
117 Ethylbenzene	91	11.067	11.067	0.000	98	1706256	5.00	5.42	
119 m-Xylene & p-Xylene	106	11.183	11.189	-0.007	100	1286047	10.0	10.8	
120 o-Xylene	106	11.518	11.518	0.000	97	609963	5.00	5.38	
121 Styrene	104	11.536	11.536	0.000	95	963162	5.00	5.29	
122 Bromoform	173	11.695	11.695	0.000	97	118433	5.00	5.24	
123 Isopropylbenzene	105	11.829	11.829	0.000	96	1692651	5.00	6.11	
$ 126 4-Bromofluorobenzene (Surr)	95	11.975	11.975	0.000	91	740640	10.0	9.97	
127 1,1,2,2-Tetrachloroethane	83	12.079	12.079	0.000	94	214822	5.00	5.31	
128 Bromobenzene	156	12.091	12.091	0.000	97	353267	5.00	5.38	
129 trans-1,4-Dichloro-2-butene	53	12.103	12.103	0.000	93	233306	25.0	20.6	

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	12.121	12.121	0.000	81	54505	5.00	5.37	
131 N-Propylbenzene	91	12.164	12.164	0.000	99	1997932	5.00	5.47	
132 2-Chlorotoluene	126	12.237	12.237	0.000	96	376002	5.00	5.39	
133 1,3,5-Trimethylbenzene	105	12.304	12.304	0.000	93	1375833	5.00	5.38	
134 4-Chlorotoluene	126	12.329	12.329	0.000	98	382191	5.00	5.44	
135 tert-Butylbenzene	134	12.542	12.542	0.000	94	287148	5.00	5.09	
137 1,2,4-Trimethylbenzene	105	12.585	12.585	0.000	98	1357472	5.00	5.23	
138 sec-Butylbenzene	105	12.707	12.707	0.000	94	1818813	5.00	5.52	
139 1,3-Dichlorobenzene	146	12.804	12.804	0.000	98	710032	5.00	5.40	
140 4-Isopropyltoluene	119	12.816	12.816	0.000	97	1496722	5.00	5.30	
* 141 1,4-Dichlorobenzene-d4	152	12.865	12.865	0.000	94	821409	10.0	10.0	
142 1,4-Dichlorobenzene	146	12.883	12.883	0.000	95	714696	5.00	5.28	
143 1,2,3-Trimethylbenzene	120	12.889	12.890	-0.001	99	590778	5.00	5.40	
144 Benzyl chloride	126	12.957	12.957	0.000	99	84400	5.00	5.29	
145 p-Diethylbenzene	119	13.091	13.091	0.000	94	927811	5.00	5.60	
146 n-Butylbenzene	92	13.115	13.115	0.000	97	754511	5.00	5.67	
147 1,2-Dichlorobenzene	146	13.139	13.140	-0.001	98	618974	5.00	5.40	
149 1,2-Dibromo-3-Chloropropane	155	13.688	13.688	0.000	86	26419	5.00	4.92	
150 1,3,5-Trichlorobenzene	180	13.816	13.816	0.000	97	535237	5.00	5.55	
151 1,2,4-Trichlorobenzene	180	14.237	14.237	0.000	94	431969	5.00	5.59	
152 Hexachlorobutadiene	225	14.322	14.322	0.000	96	229195	5.00	6.00	
153 Naphthalene	128	14.414	14.414	0.000	97	661953	5.00	5.24	
154 1,2,3-Trichlorobenzene	180	14.554	14.554	0.000	95	352216	5.00	5.55	
157 Pentane	43		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Reagents:

MSV_QC_Gas826_00273	Amount Added:	5.38	Units: uL	
MSV_LCS_VOC#1_00232	Amount Added:	5.38	Units: uL	
MSV_LLcentISS_00017	Amount Added:	5.00	Units: uL	Run Reagent

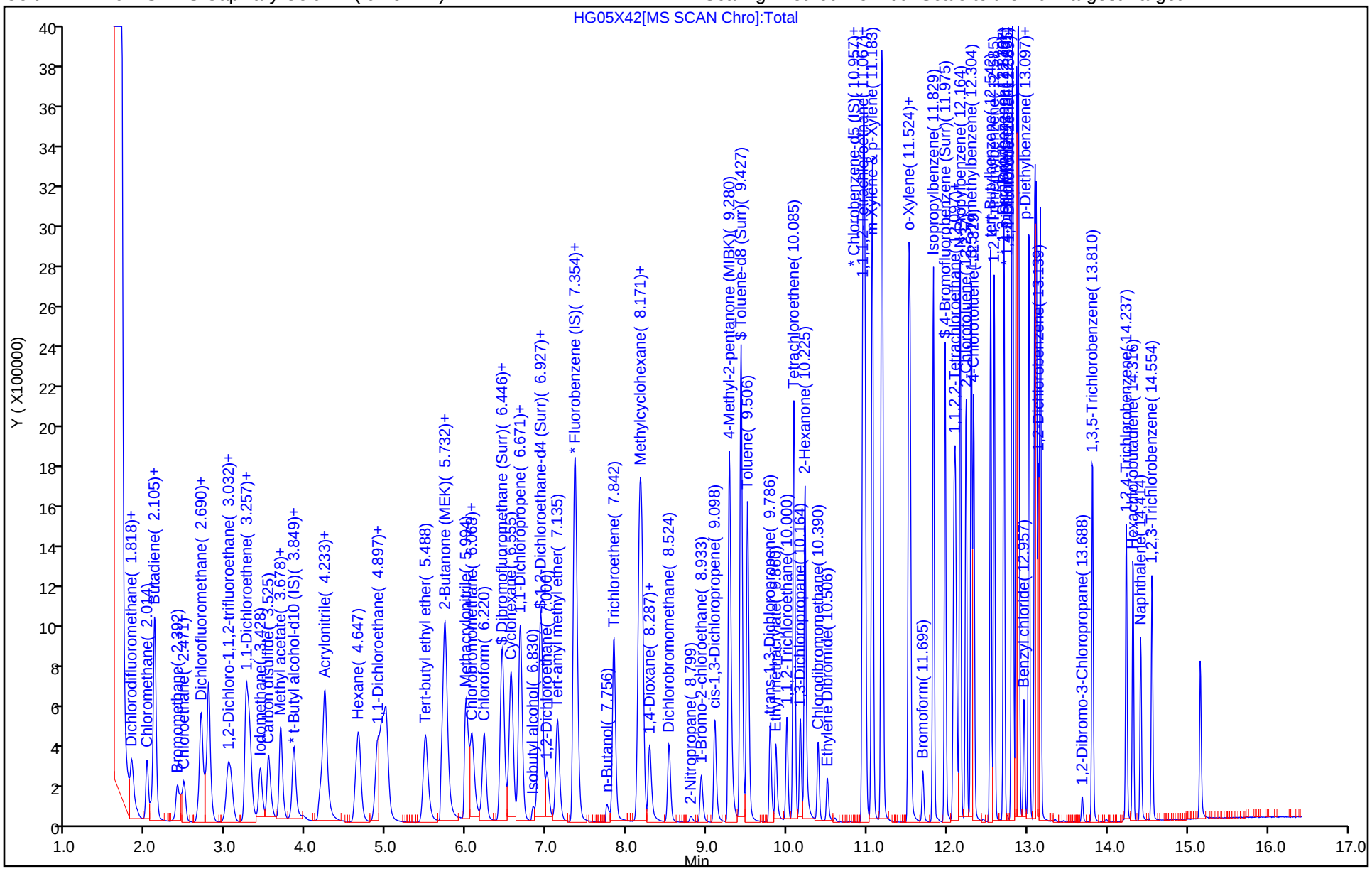
Report Date: 06-Aug-2025 11:23:55 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X42.D

Injection Date:	05-Aug-2025 22:48:30	Instrument ID:	19094	Operator ID:	gaw91131
Lims ID:	410-234794-A-6 MSD			Worklist Smp#:	14
Client ID:	HD-COD-SW-15-0/1-0 MSD				
Purge Vol:	25.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	MSV_19094_25mL	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



08/06/2025

Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\HG05X42.D				
Lims ID:	410-234794-A-6 MSD				
Client ID:	HD-COD-SW-15-0/1-0 MSD				
Sample Type:	MSD				
Inject. Date:	05-Aug-2025 22:48:30	ALS Bottle#:	12	Worklist Smp#:	14
Purge Vol:	25.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0155612-014				
Operator ID:	gaw91131	Instrument ID:	19094		
Method:	\\chromfs\Lancaster\ChromData\19094\20250805-155612.b\MSV_19094_25mL.m				
Limit Group:	MSV - 8260C_D				
Last Update:	05-Aug-2025 22:10:05	Calib Date:	10-Jul-2025 06:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19094\20250710-152965.b\HL09X08.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1671				

First Level Reviewer: N9NA Date: 06-Aug-2025 11:23:54

Compound	Amount Added	Amount Recovered	% Rec.
$ 52 Dibromofluoromethane (Surr)	10.0	10.0	100.38
$ 58 1,2-Dichloroethane-d4 (Surr)	10.0	10.3	102.62
$ 83 Toluene-d8 (Surr)	10.0	9.98	99.76
$ 126 4-Bromofluorobenzene (Surr)	10.0	9.97	99.72

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Instrument ID: 19094 Start Date: 07/09/2025 03:43

Analysis Batch Number: 668589 End Date: 07/09/2025 07:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-668589/1		07/09/2025 03:43	1	HL08T01.D	R-624SilMS 30m 0.25(mm)
IC 410-668589/13		07/09/2025 04:17	1	HL08X12.D	R-624SilMS 30m 0.25(mm)
IC 410-668589/14		07/09/2025 04:37	1	HL08X13.D	R-624SilMS 30m 0.25(mm)
IC 410-668589/15		07/09/2025 04:58	1	HL08X14.D	R-624SilMS 30m 0.25(mm)
IC 410-668589/16		07/09/2025 05:18	1	HL08X15.D	R-624SilMS 30m 0.25(mm)
IC 410-668589/17		07/09/2025 05:39	1	HL08X16.D	R-624SilMS 30m 0.25(mm)
IC 410-668589/18		07/09/2025 06:00	1	HL08X17.D	R-624SilMS 30m 0.25(mm)
IC 410-668589/19		07/09/2025 06:21	1	HL08X18.D	R-624SilMS 30m 0.25(mm)
ICIS 410-668589/20		07/09/2025 06:41	1	HL08X19.D	R-624SilMS 30m 0.25(mm)
IC 410-668589/21		07/09/2025 07:02	1	HL08X20.D	R-624SilMS 30m 0.25(mm)
ICV 410-668589/23		07/09/2025 07:43	1	HL08X22.D	R-624SilMS 30m 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Instrument ID: 19094 Start Date: 08/04/2025 19:34

Analysis Batch Number: 680541 End Date: 08/05/2025 04:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-680541/1		08/04/2025 19:34	1	HG04T31.D	R-624SilMS 30m 0.25(mm)
CCVIS 410-680541/3		08/04/2025 20:10	1	HG04X32.D	R-624SilMS 30m 0.25(mm)
LCS 410-680541/4		08/04/2025 20:30	1	HG04X33.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		08/04/2025 20:51	1		R-624SilMS 30m 0.25(mm)
MB 410-680541/6		08/04/2025 21:11	1	HG04X35.D	R-624SilMS 30m 0.25(mm)
410-234794-14	HD-QC1-0/1-2	08/04/2025 21:32	1	HG04X36.D	R-624SilMS 30m 0.25(mm)
410-234794-1	HD-COD-SW-6-0/1-0	08/04/2025 21:53	1	HG04X37.D	R-624SilMS 30m 0.25(mm)
410-234794-2	HD-COD-SW-7-0/1-0	08/04/2025 22:13	1	HG04X38.D	R-624SilMS 30m 0.25(mm)
410-234794-3	HD-COD-SW-8-0/1-0	08/04/2025 22:34	1	HG04X39.D	R-624SilMS 30m 0.25(mm)
410-234794-4	HD-COD-SW-9-0/1-0	08/04/2025 22:55	1	HG04X40.D	R-624SilMS 30m 0.25(mm)
410-234794-5	HD-COD-SW-13-0/1-0	08/04/2025 23:16	1	HG04X41.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/04/2025 23:36	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		08/04/2025 23:57	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		08/05/2025 00:17	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/05/2025 00:38	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/05/2025 00:59	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		08/05/2025 01:19	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		08/05/2025 01:40	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/05/2025 02:01	5		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/05/2025 02:21	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/05/2025 02:42	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/05/2025 03:03	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/05/2025 03:23	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/05/2025 03:44	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/05/2025 04:05	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/05/2025 04:25	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/05/2025 04:46	5		R-624SilMS 30m 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234794-1

SDG No.:

Instrument ID: 19094 Start Date: 08/05/2025 18:47

Analysis Batch Number: 681140 End Date: 08/06/2025 04:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-681140/1		08/05/2025 18:47	1	HG05T31.D	R-624SilMS 30m 0.25(mm)
CCVIS 410-681140/3		08/05/2025 19:22	1	HG05X32.D	R-624SilMS 30m 0.25(mm)
LCS 410-681140/4		08/05/2025 19:43	1	HG05X33.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		08/05/2025 20:03	1		R-624SilMS 30m 0.25(mm)
MB 410-681140/7		08/05/2025 20:24	1	HG05X35.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/05/2025 20:44	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/05/2025 21:05	5		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/05/2025 21:26	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/05/2025 21:47	1		R-624SilMS 30m 0.25(mm)
410-234794-6	HD-COD-SW-15-0/1-0	08/05/2025 22:07	1	HG05X40.D	R-624SilMS 30m 0.25(mm)
410-234794-6 MS	HD-COD-SW-15-0/1-0 MS MS	08/05/2025 22:28	1	HG05X41.D	R-624SilMS 30m 0.25(mm)
410-234794-6 MSD	HD-COD-SW-15-0/1-0 MSD MSD	08/05/2025 22:48	1	HG05X42.D	R-624SilMS 30m 0.25(mm)
410-234794-7	HD-COD-SW-16-0/1-0	08/05/2025 23:09	1	HG05X43.D	R-624SilMS 30m 0.25(mm)
410-234794-9	HD-COD-SW-26-0/1-0	08/05/2025 23:30	1	HG05X44.D	R-624SilMS 30m 0.25(mm)
410-234794-10	HD-COD-SW-27-0/1-0	08/05/2025 23:50	1	HG05X45.D	R-624SilMS 30m 0.25(mm)
410-234794-11	HD-COD-SW-28-0/1-0	08/06/2025 00:11	1	HG05X46.D	R-624SilMS 30m 0.25(mm)
410-234794-12	HD-COD-SW-29-0/1-0	08/06/2025 00:31	1	HG05X47.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/06/2025 00:52	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/06/2025 01:13	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/06/2025 01:34	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/06/2025 01:54	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/06/2025 02:15	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		08/06/2025 02:35	10		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		08/06/2025 02:56	10		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		08/06/2025 03:17	10		R-624SilMS 30m 0.25(mm)
410-234794-8	HD-COD-SW-17-0/1-0	08/06/2025 03:37	1	HG05X56.D	R-624SilMS 30m 0.25(mm)
410-234794-8 DL	HD-COD-SW-17-0/1-0 DL	08/06/2025 03:58	20	HG05X57.D	R-624SilMS 30m 0.25(mm)
410-234794-13	HD-QC1-0/1-1	08/06/2025 04:19	1	HG05X58.D	R-624SilMS 30m 0.25(mm)
410-234794-13 DL	HD-QC1-0/1-1 DL	08/06/2025 04:39	20	HG05X59.D	R-624SilMS 30m 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-234794-1

SDG No.:

Batch Number: 668589 | Batch Start Date: 07/09/25 03:43 | Batch Analyst: Riehl, Chelsea

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	LCS_ETBR 00010	MSV_LCS_ACROL 00235	MSV_LCS_EE 00011
BFB 410-668589/1		8260D			1 uL	1 uL				
IC 410-668589/13		8260D			25 mL	25 mL	431127			
IC 410-668589/14		8260D			25 mL	25 mL	431127			
IC 410-668589/15		8260D			25 mL	25 mL	431127			
IC 410-668589/16		8260D			25 mL	25 mL	431127			
IC 410-668589/17		8260D			25 mL	25 mL	431127			
IC 410-668589/18		8260D			25 mL	25 mL	431127			
IC 410-668589/19		8260D			25 mL	25 mL	431127			
ICIS 410-668589/20		8260D			25 mL	25 mL	431127			
IC 410-668589/21		8260D			25 mL	25 mL	431127			
ICV 410-668589/23		8260D			25 mL	25 mL	431127	12.5 uL	12.5 uL	12.5 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_Penta 00057	MSV_LCS_VOC#1 00227	MSV_LL_#1_826 00171	MSV_LL_#2_826 00185	MSV_LL_GAS826 00279	MSV_LLcentISS 00016
BFB 410-668589/1		8260D								
IC 410-668589/13		8260D					0.4 uL	0.4 uL	0.4 uL	5 uL
IC 410-668589/14		8260D					1.2 uL	1.2 uL	1.2 uL	5 uL
IC 410-668589/15		8260D					2 uL	2 uL	2 uL	5 uL
IC 410-668589/16		8260D					2 uL	2 uL	2 uL	5 uL
IC 410-668589/17		8260D					2 uL	2 uL	2 uL	5 uL
IC 410-668589/18		8260D					2 uL	2 uL	2 uL	5 uL
IC 410-668589/19		8260D					5 uL	5 uL	5 uL	5 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-234794-1

SDG No.:

Batch Number: 668589 | Batch Start Date: 07/09/25 03:43 | Batch Analyst: Riehl, Chelsea

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_Penta 00057	MSV_LCS_VOC#1 00227	MSV_LL_#1_826 00171	MSV_LL_#2_826 00185	MSV_LL_GAS826 00279	MSV_LLcentISS 00016
ICIS 410-668589/20		8260D					10 uL	10 uL	10 uL	5 uL
IC 410-668589/21		8260D					25 uL	25 uL	25 uL	5 uL
ICV 410-668589/23		8260D			12.5 uL	12.5 uL				5 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_QC_Gas826 00268	MSV_V_BFB 00019				
BFB 410-668589/1		8260D				1 uL				
IC 410-668589/13		8260D								
IC 410-668589/14		8260D								
IC 410-668589/15		8260D								
IC 410-668589/16		8260D								
IC 410-668589/17		8260D								
IC 410-668589/18		8260D								
IC 410-668589/19		8260D								
ICIS 410-668589/20		8260D								
IC 410-668589/21		8260D								
ICV 410-668589/23		8260D			12.5 uL					

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.: 410-234794-1

SDG No.:

Batch Number: 680541 | Batch Start Date: 08/04/25 19:34 | Batch Analyst: Walmer, Gavin

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	ResidualChloCheck	Headspace	Lot#Vial
BFB 410-680541/1		8260D			1 uL	1 uL				
CCVIS 410-680541/3		8260D			25 mL	25 mL				2810
LCS 410-680541/4		8260D			25 mL	25 mL				2810
MB 410-680541/6		8260D			25 mL	25 mL				2810
410-234794-A-14	HD-QC1-0/1-2	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-234794-A-1	HD-COD-SW-6-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-234794-A-2	HD-COD-SW-7-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-234794-A-3	HD-COD-SW-8-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-234794-A-4	HD-COD-SW-9-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-234794-A-5	HD-COD-SW-13-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_VOC#1 00232	MSV_LL_#1_826 00172	MSV_LL_#2_826 00187	MSV_LL_GAS826 00283	MSV_LLcentISS 00017	MSV_QC_Gas826 00273
BFB 410-680541/1		8260D								
CCVIS 410-680541/3		8260D				20 uL	20 uL	20 uL	5 uL	
LCS 410-680541/4		8260D			12.5 uL				5 uL	12.5 uL
MB 410-680541/6		8260D							5 uL	
410-234794-A-14	HD-QC1-0/1-2	8260D	Water	T					5 uL	
410-234794-A-1	HD-COD-SW-6-0/1-0	8260D	Water	T					5 uL	
410-234794-A-2	HD-COD-SW-7-0/1-0	8260D	Water	T					5 uL	
410-234794-A-3	HD-COD-SW-8-0/1-0	8260D	Water	T					5 uL	
410-234794-A-4	HD-COD-SW-9-0/1-0	8260D	Water	T					5 uL	
410-234794-A-5	HD-COD-SW-13-0/1-0	8260D	Water	T					5 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-234794-1

SDG No.:

Batch Number: 680541 Batch Start Date: 08/04/25 19:34 Batch Analyst: Walmer, Gavin

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 00019					
BFB 410-680541/1		8260D			1 uL					
CCVIS 410-680541/3		8260D								
LCS 410-680541/4		8260D								
MB 410-680541/6		8260D								
410-234794-A-14	HD-QC1-0/1-2	8260D	Water	T						
410-234794-A-1	HD-COD-SW-6-0/1-0	8260D	Water	T						
410-234794-A-2	HD-COD-SW-7-0/1-0	8260D	Water	T						
410-234794-A-3	HD-COD-SW-8-0/1-0	8260D	Water	T						
410-234794-A-4	HD-COD-SW-9-0/1-0	8260D	Water	T						
410-234794-A-5	HD-COD-SW-13-0/1-0	8260D	Water	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-234794-1

SDG No.:

Batch Number: 681140 | Batch Start Date: 08/05/25 18:47 | Batch Analyst: Walmer, Gavin

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	ResidualChloCheck	Headspace	Lot#Vial
BFB 410-681140/1		8260D			1 uL	1 uL				
CCVIS 410-681140/3		8260D			25 mL	25 mL				2810
LCS 410-681140/4		8260D			25 mL	25 mL				2810
MB 410-681140/7		8260D			25 mL	25 mL				2810
410-234794-A-6	HD-COD-SW-15-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-234794-A-6 MS	HD-COD-SW-15-0/1-0 MS	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-234794-A-6 MSD	HD-COD-SW-15-0/1-0 MSD	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-234794-A-7	HD-COD-SW-16-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-234794-A-9	HD-COD-SW-26-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-234794-A-10	HD-COD-SW-27-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-234794-A-11	HD-COD-SW-28-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-234794-A-12	HD-COD-SW-29-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-234794-A-8	HD-COD-SW-17-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-234794-B-8	HD-COD-SW-17-0/1-0	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	2810
410-234794-A-13	HD-QC1-0/1-1	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	
410-234794-B-13	HD-QC1-0/1-1	8260D	Water	T	25 mL	25 mL	<2 SU	N	N	2810

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_VOC#1 00232	MSV_LL_#1_826 00172	MSV_LL_#2_826 00187	MSV_LL_GAS826 00283	MSV_LLcentISS 00017	MSV_QC_Gas826 00273
BFB 410-681140/1		8260D								
CCVIS 410-681140/3		8260D				20 uL	20 uL	20 uL	5 uL	
LCS 410-681140/4		8260D			12.5 uL				5 uL	12.5 uL
MB 410-681140/7		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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-234794-1

SDG No.:

Batch Number: 681140 Batch Start Date: 08/05/25 18:47 Batch Analyst: Walmer, Gavin

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_VOC#1 00232	MSV_LL_#1_826 00172	MSV_LL_#2_826 00187	MSV_LL_GAS826 00283	MSV_LLcentISS 00017	MSV_QC_Gas826 00273
410-234794-A-6	HD-COD-SW-15-0/1-0	8260D	Water	T					5 uL	
410-234794-A-6 MS	HD-COD-SW-15-0/1-0 MS	8260D	Water	T	5.38 uL				5 uL	5.38 uL
410-234794-A-6 MSD	HD-COD-SW-15-0/1-0 MSD	8260D	Water	T	5.38 uL				5 uL	5.38 uL
410-234794-A-7	HD-COD-SW-16-0/1-0	8260D	Water	T					5 uL	
410-234794-A-9	HD-COD-SW-26-0/1-0	8260D	Water	T					5 uL	
410-234794-A-10	HD-COD-SW-27-0/1-0	8260D	Water	T					5 uL	
410-234794-A-11	HD-COD-SW-28-0/1-0	8260D	Water	T					5 uL	
410-234794-A-12	HD-COD-SW-29-0/1-0	8260D	Water	T					5 uL	
410-234794-A-8	HD-COD-SW-17-0/1-0	8260D	Water	T					5 uL	
410-234794-B-8	HD-COD-SW-17-0/1-0	8260D	Water	T					5 uL	
410-234794-A-13	HD-QC1-0/1-1	8260D	Water	T					5 uL	
410-234794-B-13	HD-QC1-0/1-1	8260D	Water	T					5 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 00019					
BFB 410-681140/1		8260D			1 uL					
CCVIS 410-681140/3		8260D								
LCS 410-681140/4		8260D								
MB 410-681140/7		8260D								
410-234794-A-6	HD-COD-SW-15-0/1-0	8260D	Water	T						
410-234794-A-6 MS	HD-COD-SW-15-0/1-0 MS	8260D	Water	T						
410-234794-A-6 MSD	HD-COD-SW-15-0/1-0 MSD	8260D	Water	T						
410-234794-A-7	HD-COD-SW-16-0/1-0	8260D	Water	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-234794-1

SDG No.:

Batch Number: 681140 | Batch Start Date: 08/05/25 18:47 | Batch Analyst: Walmer, Gavin

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 00019					
410-234794-A-9	HD-COD-SW-26-0/1-0	8260D	Water	T						
410-234794-A-10	HD-COD-SW-27-0/1-0	8260D	Water	T						
410-234794-A-11	HD-COD-SW-28-0/1-0	8260D	Water	T						
410-234794-A-12	HD-COD-SW-29-0/1-0	8260D	Water	T						
410-234794-A-8	HD-COD-SW-17-0/1-0	8260D	Water	T						
410-234794-B-8	HD-COD-SW-17-0/1-0	8260D	Water	T						
410-234794-A-13	HD-QC1-0/1-1	8260D	Water	T						
410-234794-B-13	HD-QC1-0/1-1	8260D	Water	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Environmental Analysis Request/Chain of Custody

410-234794 Chain of Custody

Environmental

Acct. # _____ Group # _____ Sample # _____

Client: Groundwater Sciences Corporation			
Project Name/#: fYNOP Monthly Surface Water	Site ID #: fYNOP, York PA		
Project Manager: Chris O'Neil	P.O. #: GSC.0100125300		
Sampler: Casey Littlefield / Lucas Grimm	PWSID #: N/A		
Phone #: (717) 901-8176 / (717) 756-1246	Quote #:		
State where samples were collected: York, PA	For Compliance: Yes ☐ No ☑		

Sample Identification	Collection Date	Collection Time	Grab	Composite	Matrix: Soil	Sediment	Tissue	Water: Potable	Ground	NPDES	Surface	Other:	Total # of Containers	Analyses Requested: Aqueous VOCs via 8260D (low level - 25 ml purge)	Preservation Codes: H
HD-COD-SW-6-0/1-0	7/29/25	0820	X					X					3	X	
HD-COD-SW-7-0/1-0	7/29/25	0905	X					X					3	X	
HD-COD-SW-8-0/1-0	7/29/25	0712	X					X					3	X	
HD-COD-SW-9-0/1-0	7/29/25	1012	X					X					3	X	
HD-COD-SW-13-0/1-0	7/29/25	0725	X					X					3	X	
HD-COD-SW-15-0/1-0	7/29/25	0930	X					X					3	X	
HD-COD-SW-15-0/1-0 MS	7/29/25	0930	X					X					3	X	
HD-COD-SW-15-0/1-0 MSD	7/29/25	0930	X					X					3	X	
HD-COD-SW-16-0/1-0	7/29/25	0748	X					X					3	X	
HD-COD-SW-17-0/1-0	7/29/25	0810	X					X					3	X	

For Lab Use Only

SF #: _____

SCR #: _____

Preservation Codes

H = HCl T = Thiosulfate

N = HNO_3 B = NaOH

S = H_2SO_4 P = H_3PO_4

O = Other

Remarks: All samples preserved on ice

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐

(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed: STANDARD

Rush results requested by (please check): E-Mail ☑ Phone ☐

E-mail Address: ON-FILE

Phone:

Data Package Options (please check if required)

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

EDD Required? Yes ☑ No ☐ If yes, format: _ CLP Like Deliverables, Project Specific Analyte List

Relinquished by:	Date	Time	Received by:	Date	Time
Ed Dahl	7/30/2025	1145	Ed Dahl	7/30/25	1145
Ed Dahl	7/30/25	1433			
			Ed Dahl	7/30/25	1433

Relinquished by Commercial Carrier:

UPS _____ FedEx _____ Other _____

Temperature upon receipt _____ °C

R: 3.4 C: 3.4

Environmental Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories Environmental

Acct. # _____ Group # _____ Sample # _____

Client:	Groundwater Sciences Corporation		
Project Name/#:	fYNOP Monthly Surface Water	Site ID #:	fYNOP, York PA
Project Manager:	Chris O'Neil	P.O. #:	GSC.0100125300
Sampler:	Casey Littlefield / Lucas Grimm	PWSID #:	N/A
Phone #:	(717) 901-8176 / (717) 756-1246	Quote #:	

State where samples were collected: York, PA — For Compliance: Yes ☐ No ☑

Sample Identification	Collection Date	Collection Time	Grab	Composite	Matrix: Soil	Sediment	Tissue	Potable Water	Ground Water	Surface Water	NPDES	Other: Trip Blank	Total # of Containers	Analyses Requested: Aqueous VOCs via 8260D (low level - 25 ml purge)	Preservation Codes: H	Remarks
HD-COD-SW-26-0/1-0	7/29/25	0850	X						X				3	X		
HD-COD-SW-27-0/1-0	7/29/25	0920	X						X				3	X		
HD-COD-SW-28-0/1-0	7/29/25	1025	X						X				3	X		
HD-COD-SW-29-0/1-0	7/29/25	0700	X						X				3	X		
HD-QC1-0/1-1	7/29/25	0800	X						X				3	X		
HD-QC1-0/1-2	7/29/25	—	X									X	2	X		Trip Blank

For Lab Use Only
SF #: _____
SCR #: _____

Preservation Codes
H = HCl; T = Thiosulfate; N = HNO_3; B = NaOH; S = H_2SO_4; P = H_3PO_4; O = Other

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed: STANDARD

Rush results requested by (please check): E-Mail ☐ Phone ☐

E-mail Address: ON-FILE

Phone:

Data Package Options (please check if required)

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

EDD Required? Yes ☑ No ☐ If yes, format: _____ CLP Like Deliverables, Project Specific Analyte List

Relinquished by:	Date	Time	Received by:	Date	Time
	7/30/2025	1145		7/30/25	1145
Ed Fuller	7/30/25	1433			
Relinquished by Commercial Carrier:			Received by:	7/30/25	1433

UPS _____ FedEx _____ Other _____

Temperature upon receipt _____ °C
R: 3.4 C: 3.4

Login Sample Receipt Checklist

Client: Groundwater Sciences Corporation

Job Number: 410-234794-1

Login Number: 234794

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: Arroyo, Haley

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	