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ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/19/2025

JOB DESCRIPTION

2025 Comprehensive Sampling

JOB NUMBER

410-246092-1

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
10/19/2025

Authorized for release by
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Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
^c	CCV Recovery is outside acceptance limits.
cn	Refer to Case Narrative for further detail
FH	MS and/or MSD recovery above control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
410-246092-1

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

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

Receipt
The samples were received on 10/8/2025 7:05 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 2.5°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 410-715287 recovered above the upper control limit for Chloromethane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-715649 recovered outside acceptance criteria, low biased, for Bromomethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated.

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

Detection Summary

Client: Verdantas
Job ID: 410-246092-1
Project/Site: 2025 Comprehensive Sampling

Client Sample ID: HD-MW-148A-72.5/73-0 — Lab Sample ID: 410-246092-1

No Detections.

Client Sample ID: HD-MW-148A-136/136.5-0 — Lab Sample ID: 410-246092-2

No Detections.

Client Sample ID: HD-MW-82-0/1-0 — Lab Sample ID: 410-246092-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.79	J	1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	1.2		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	0.76	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-79-0/1-0 — Lab Sample ID: 410-246092-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.7		1.0	0.30	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	1.7		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-142S-0/1-0 — Lab Sample ID: 410-246092-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.5		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-112-0/1-0 — Lab Sample ID: 410-246092-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.1		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	1.1		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-QC3-0/1-1 — Lab Sample ID: 410-246092-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.2		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	1.1		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-115-0/1-0 — Lab Sample ID: 410-246092-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	10		1.0	0.30	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	1.7		1.0	0.30	ug/L	1		8260D	Total/NA
Benzene	5.8		1.0	0.30	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	86		1.0	0.30	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	18		1.0	0.20	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.0	J	2.0	0.70	ug/L	1		8260D	Total/NA
Trichloroethene	0.45	J	1.0	0.30	ug/L	1		8260D	Total/NA
Vinyl chloride	85		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-QC4-0/1-2 — Lab Sample ID: 410-246092-9

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: HD-MW-148A-72.5/73-0
Lab Sample ID: 410-246092-1

Date Collected: 10/06/25 10:27
Matrix: Water
Date Received: 10/08/25 19:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/16/25 23:18	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/16/25 23:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/16/25 23:18	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/16/25 23:18	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/16/25 23:18	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/16/25 23:18	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/16/25 23:18	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/16/25 23:18	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/16/25 23:18	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/16/25 23:18	1
2-Hexanone	ND		10	0.85	ug/L			10/16/25 23:18	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/16/25 23:18	1
Acetone	ND		20	0.70	ug/L			10/16/25 23:18	1
Benzene	ND		1.0	0.30	ug/L			10/16/25 23:18	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/16/25 23:18	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/16/25 23:18	1
Bromoform	ND		4.0	1.0	ug/L			10/16/25 23:18	1
Bromomethane	ND		1.0	0.30	ug/L			10/16/25 23:18	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/16/25 23:18	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/16/25 23:18	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/16/25 23:18	1
Chloroethane	ND		1.0	0.30	ug/L			10/16/25 23:18	1
Chloroform	ND		1.0	0.30	ug/L			10/16/25 23:18	1
Chloromethane	ND	^c cn	2.0	0.55	ug/L			10/16/25 23:18	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/16/25 23:18	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/16/25 23:18	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/16/25 23:18	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/16/25 23:18	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/16/25 23:18	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/16/25 23:18	1
Styrene	ND		5.0	0.30	ug/L			10/16/25 23:18	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/16/25 23:18	1
Toluene	ND		1.0	0.30	ug/L			10/16/25 23:18	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/16/25 23:18	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/16/25 23:18	1
Trichloroethene	ND		1.0	0.30	ug/L			10/16/25 23:18	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/16/25 23:18	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/16/25 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 120*		*10/16/25 23:18*	*1*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*		*10/16/25 23:18*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*10/16/25 23:18*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/16/25 23:18*	*1*

Client Sample ID: HD-MW-148A-136/136.5-0
Lab Sample ID: 410-246092-2

Date Collected: 10/06/25 11:35
Matrix: Water
Date Received: 10/08/25 19:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/16/25 23:38	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/16/25 23:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/16/25 23:38	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/16/25 23:38	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/16/25 23:38	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/16/25 23:38	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/16/25 23:38	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/16/25 23:38	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/16/25 23:38	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/16/25 23:38	1
2-Hexanone	ND		10	0.85	ug/L			10/16/25 23:38	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/16/25 23:38	1
Acetone	ND		20	0.70	ug/L			10/16/25 23:38	1
Benzene	ND		1.0	0.30	ug/L			10/16/25 23:38	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/16/25 23:38	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/16/25 23:38	1
Bromoform	ND		4.0	1.0	ug/L			10/16/25 23:38	1
Bromomethane	ND		1.0	0.30	ug/L			10/16/25 23:38	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/16/25 23:38	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/16/25 23:38	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/16/25 23:38	1
Chloroethane	ND		1.0	0.30	ug/L			10/16/25 23:38	1
Chloroform	ND		1.0	0.30	ug/L			10/16/25 23:38	1
Chloromethane	ND	^c cn	2.0	0.55	ug/L			10/16/25 23:38	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/16/25 23:38	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/16/25 23:38	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/16/25 23:38	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/16/25 23:38	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/16/25 23:38	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/16/25 23:38	1
Styrene	ND		5.0	0.30	ug/L			10/16/25 23:38	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/16/25 23:38	1
Toluene	ND		1.0	0.30	ug/L			10/16/25 23:38	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/16/25 23:38	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/16/25 23:38	1
Trichloroethene	ND		1.0	0.30	ug/L			10/16/25 23:38	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/16/25 23:38	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/16/25 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 120*		*10/16/25 23:38*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*10/16/25 23:38*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*10/16/25 23:38*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/16/25 23:38*	*1*

Client Sample ID: HD-MW-82-0/1-0
Lab Sample ID: 410-246092-3

Date Collected: 10/06/25 14:05
Matrix: Water
Date Received: 10/08/25 19:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/16/25 23:58	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/16/25 23:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/16/25 23:58	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/16/25 23:58	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/16/25 23:58	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/16/25 23:58	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/16/25 23:58	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/16/25 23:58	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/16/25 23:58	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/16/25 23:58	1
2-Hexanone	ND		10	0.85	ug/L			10/16/25 23:58	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/16/25 23:58	1
Acetone	ND		20	0.70	ug/L			10/16/25 23:58	1
Benzene	ND		1.0	0.30	ug/L			10/16/25 23:58	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/16/25 23:58	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/16/25 23:58	1
Bromoform	ND		4.0	1.0	ug/L			10/16/25 23:58	1
Bromomethane	ND		1.0	0.30	ug/L			10/16/25 23:58	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/16/25 23:58	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/16/25 23:58	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/16/25 23:58	1
Chloroethane	ND		1.0	0.30	ug/L			10/16/25 23:58	1
Chloroform	ND		1.0	0.30	ug/L			10/16/25 23:58	1
Chloromethane	ND	^c cn	2.0	0.55	ug/L			10/16/25 23:58	1
cis-1,2-Dichloroethene	**0.79**	**J**	1.0	0.30	ug/L			10/16/25 23:58	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/16/25 23:58	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/16/25 23:58	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/16/25 23:58	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/16/25 23:58	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/16/25 23:58	1
Styrene	ND		5.0	0.30	ug/L			10/16/25 23:58	1
Tetrachloroethene	**1.2**		1.0	0.30	ug/L			10/16/25 23:58	1
Toluene	ND		1.0	0.30	ug/L			10/16/25 23:58	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/16/25 23:58	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/16/25 23:58	1
Trichloroethene	**0.76**	**J**	1.0	0.30	ug/L			10/16/25 23:58	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/16/25 23:58	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/16/25 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 120*		*10/16/25 23:58*	*1*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*		*10/16/25 23:58*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*10/16/25 23:58*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/16/25 23:58*	*1*

Client Sample ID: HD-MW-79-0/1-0
Lab Sample ID: 410-246092-4

Date Collected: 10/07/25 10:32
Matrix: Water
Date Received: 10/08/25 19:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/17/25 15:01	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/17/25 15:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/17/25 15:01	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/17/25 15:01	1
1,1-Dichloroethane	**1.7**		1.0	0.30	ug/L			10/17/25 15:01	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/17/25 15:01	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/17/25 15:01	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/17/25 15:01	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/17/25 15:01	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/17/25 15:01	1
2-Hexanone	ND		10	0.85	ug/L			10/17/25 15:01	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/17/25 15:01	1
Acetone	ND		20	0.70	ug/L			10/17/25 15:01	1
Benzene	ND		1.0	0.30	ug/L			10/17/25 15:01	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/17/25 15:01	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/17/25 15:01	1
Bromoform	ND		4.0	1.0	ug/L			10/17/25 15:01	1
Bromomethane	ND	^c cn	1.0	0.30	ug/L			10/17/25 15:01	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/17/25 15:01	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/17/25 15:01	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/17/25 15:01	1
Chloroethane	ND		1.0	0.30	ug/L			10/17/25 15:01	1
Chloroform	ND		1.0	0.30	ug/L			10/17/25 15:01	1
Chloromethane	ND	FH	2.0	0.55	ug/L			10/17/25 15:01	1
cis-1,2-Dichloroethene	**1.7**		1.0	0.30	ug/L			10/17/25 15:01	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/17/25 15:01	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/17/25 15:01	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/17/25 15:01	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/17/25 15:01	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/17/25 15:01	1
Styrene	ND		5.0	0.30	ug/L			10/17/25 15:01	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/17/25 15:01	1
Toluene	ND		1.0	0.30	ug/L			10/17/25 15:01	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/17/25 15:01	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/17/25 15:01	1
Trichloroethene	ND		1.0	0.30	ug/L			10/17/25 15:01	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/17/25 15:01	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/17/25 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*80 - 120*		*10/17/25 15:01*	*1*
4-Bromofluorobenzene (Surr)	*86*		*80 - 120*		*10/17/25 15:01*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*10/17/25 15:01*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/17/25 15:01*	*1*

Client Sample ID: HD-MW-142S-0/1-0
Lab Sample ID: 410-246092-5

Date Collected: 10/06/25 12:00
Matrix: Water
Date Received: 10/08/25 19:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/17/25 00:18	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/17/25 00:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/17/25 00:18	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/17/25 00:18	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/17/25 00:18	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/17/25 00:18	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/17/25 00:18	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/17/25 00:18	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/17/25 00:18	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/17/25 00:18	1
2-Hexanone	ND		10	0.85	ug/L			10/17/25 00:18	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/17/25 00:18	1
Acetone	ND		20	0.70	ug/L			10/17/25 00:18	1
Benzene	ND		1.0	0.30	ug/L			10/17/25 00:18	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/17/25 00:18	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/17/25 00:18	1
Bromoform	ND		4.0	1.0	ug/L			10/17/25 00:18	1
Bromomethane	ND		1.0	0.30	ug/L			10/17/25 00:18	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/17/25 00:18	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/17/25 00:18	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/17/25 00:18	1
Chloroethane	ND		1.0	0.30	ug/L			10/17/25 00:18	1
Chloroform	ND		1.0	0.30	ug/L			10/17/25 00:18	1
Chloromethane	ND	^c cn	2.0	0.55	ug/L			10/17/25 00:18	1
cis-1,2-Dichloroethene	**6.5**		1.0	0.30	ug/L			10/17/25 00:18	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/17/25 00:18	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/17/25 00:18	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/17/25 00:18	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/17/25 00:18	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/17/25 00:18	1
Styrene	ND		5.0	0.30	ug/L			10/17/25 00:18	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/17/25 00:18	1
Toluene	ND		1.0	0.30	ug/L			10/17/25 00:18	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/17/25 00:18	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/17/25 00:18	1
Trichloroethene	ND		1.0	0.30	ug/L			10/17/25 00:18	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/17/25 00:18	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/17/25 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*80 - 120*		*10/17/25 00:18*	*1*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*		*10/17/25 00:18*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*10/17/25 00:18*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/17/25 00:18*	*1*

Client Sample ID: HD-MW-112-0/1-0
Lab Sample ID: 410-246092-6

Date Collected: 10/06/25 13:30
Matrix: Water
Date Received: 10/08/25 19:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/17/25 00:38	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/17/25 00:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/17/25 00:38	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/17/25 00:38	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/17/25 00:38	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/17/25 00:38	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/17/25 00:38	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/17/25 00:38	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/17/25 00:38	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/17/25 00:38	1
2-Hexanone	ND		10	0.85	ug/L			10/17/25 00:38	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/17/25 00:38	1
Acetone	ND		20	0.70	ug/L			10/17/25 00:38	1
Benzene	ND		1.0	0.30	ug/L			10/17/25 00:38	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/17/25 00:38	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/17/25 00:38	1
Bromoform	ND		4.0	1.0	ug/L			10/17/25 00:38	1
Bromomethane	ND		1.0	0.30	ug/L			10/17/25 00:38	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/17/25 00:38	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/17/25 00:38	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/17/25 00:38	1
Chloroethane	ND		1.0	0.30	ug/L			10/17/25 00:38	1
Chloroform	ND		1.0	0.30	ug/L			10/17/25 00:38	1
Chloromethane	ND	^c cn	2.0	0.55	ug/L			10/17/25 00:38	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/17/25 00:38	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/17/25 00:38	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/17/25 00:38	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/17/25 00:38	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/17/25 00:38	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/17/25 00:38	1
Styrene	ND		5.0	0.30	ug/L			10/17/25 00:38	1
Tetrachloroethene	**1.1**		1.0	0.30	ug/L			10/17/25 00:38	1
Toluene	ND		1.0	0.30	ug/L			10/17/25 00:38	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/17/25 00:38	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/17/25 00:38	1
Trichloroethene	**1.1**		1.0	0.30	ug/L			10/17/25 00:38	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/17/25 00:38	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/17/25 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*80 - 120*		*10/17/25 00:38*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*10/17/25 00:38*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*10/17/25 00:38*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/17/25 00:38*	*1*

Client Sample ID: HD-QC3-0/1-1
Lab Sample ID: 410-246092-7

Date Collected: 10/06/25 08:00
Matrix: Water
Date Received: 10/08/25 19:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/17/25 00:58	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/17/25 00:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/17/25 00:58	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/17/25 00:58	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/17/25 00:58	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/17/25 00:58	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/17/25 00:58	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/17/25 00:58	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/17/25 00:58	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/17/25 00:58	1
2-Hexanone	ND		10	0.85	ug/L			10/17/25 00:58	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/17/25 00:58	1
Acetone	ND		20	0.70	ug/L			10/17/25 00:58	1
Benzene	ND		1.0	0.30	ug/L			10/17/25 00:58	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/17/25 00:58	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/17/25 00:58	1
Bromoform	ND		4.0	1.0	ug/L			10/17/25 00:58	1
Bromomethane	ND		1.0	0.30	ug/L			10/17/25 00:58	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/17/25 00:58	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/17/25 00:58	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/17/25 00:58	1
Chloroethane	ND		1.0	0.30	ug/L			10/17/25 00:58	1
Chloroform	ND		1.0	0.30	ug/L			10/17/25 00:58	1
Chloromethane	ND	^c cn	2.0	0.55	ug/L			10/17/25 00:58	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/17/25 00:58	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/17/25 00:58	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/17/25 00:58	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/17/25 00:58	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/17/25 00:58	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/17/25 00:58	1
Styrene	ND		5.0	0.30	ug/L			10/17/25 00:58	1
Tetrachloroethene	**1.2**		1.0	0.30	ug/L			10/17/25 00:58	1
Toluene	ND		1.0	0.30	ug/L			10/17/25 00:58	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/17/25 00:58	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/17/25 00:58	1
Trichloroethene	**1.1**		1.0	0.30	ug/L			10/17/25 00:58	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/17/25 00:58	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/17/25 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*80 - 120*		*10/17/25 00:58*	*1*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*		*10/17/25 00:58*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*10/17/25 00:58*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/17/25 00:58*	*1*

Client Sample ID: HD-MW-115-0/1-0
Lab Sample ID: 410-246092-8

Date Collected: 10/07/25 11:30
Matrix: Water
Date Received: 10/08/25 19:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/17/25 17:59	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/17/25 17:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/17/25 17:59	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/17/25 17:59	1
1,1-Dichloroethane	**10**		1.0	0.30	ug/L			10/17/25 17:59	1
1,1-Dichloroethene	**1.7**		1.0	0.30	ug/L			10/17/25 17:59	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/17/25 17:59	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/17/25 17:59	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/17/25 17:59	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/17/25 17:59	1
2-Hexanone	ND		10	0.85	ug/L			10/17/25 17:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/17/25 17:59	1
Acetone	ND		20	0.70	ug/L			10/17/25 17:59	1
Benzene	**5.8**		1.0	0.30	ug/L			10/17/25 17:59	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/17/25 17:59	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/17/25 17:59	1
Bromoform	ND		4.0	1.0	ug/L			10/17/25 17:59	1
Bromomethane	ND	^c cn	1.0	0.30	ug/L			10/17/25 17:59	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/17/25 17:59	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/17/25 17:59	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/17/25 17:59	1
Chloroethane	ND		1.0	0.30	ug/L			10/17/25 17:59	1
Chloroform	ND		1.0	0.30	ug/L			10/17/25 17:59	1
Chloromethane	ND		2.0	0.55	ug/L			10/17/25 17:59	1
cis-1,2-Dichloroethene	**86**		1.0	0.30	ug/L			10/17/25 17:59	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/17/25 17:59	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/17/25 17:59	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/17/25 17:59	1
Methyl tert-butyl ether	**18**		1.0	0.20	ug/L			10/17/25 17:59	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/17/25 17:59	1
Styrene	ND		5.0	0.30	ug/L			10/17/25 17:59	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/17/25 17:59	1
Toluene	ND		1.0	0.30	ug/L			10/17/25 17:59	1
trans-1,2-Dichloroethene	**1.0**	**J**	2.0	0.70	ug/L			10/17/25 17:59	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/17/25 17:59	1
Trichloroethene	**0.45**	**J**	1.0	0.30	ug/L			10/17/25 17:59	1
Vinyl chloride	**85**		1.0	0.30	ug/L			10/17/25 17:59	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/17/25 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 120*		*10/17/25 17:59*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*10/17/25 17:59*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*10/17/25 17:59*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/17/25 17:59*	*1*

Client Sample ID: HD-QC4-0/1-2
Lab Sample ID: 410-246092-9

Date Collected: 10/06/25 00:00
Matrix: Water
Date Received: 10/08/25 19:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/16/25 21:00	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/16/25 21:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/16/25 21:00	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/16/25 21:00	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/16/25 21:00	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/16/25 21:00	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/16/25 21:00	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/16/25 21:00	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/16/25 21:00	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/16/25 21:00	1
2-Hexanone	ND		10	0.85	ug/L			10/16/25 21:00	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/16/25 21:00	1
Acetone	ND		20	0.70	ug/L			10/16/25 21:00	1
Benzene	ND		1.0	0.30	ug/L			10/16/25 21:00	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/16/25 21:00	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/16/25 21:00	1
Bromoform	ND		4.0	1.0	ug/L			10/16/25 21:00	1
Bromomethane	ND		1.0	0.30	ug/L			10/16/25 21:00	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/16/25 21:00	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/16/25 21:00	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/16/25 21:00	1
Chloroethane	ND		1.0	0.30	ug/L			10/16/25 21:00	1
Chloroform	ND		1.0	0.30	ug/L			10/16/25 21:00	1
Chloromethane	ND	^c cn	2.0	0.55	ug/L			10/16/25 21:00	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/16/25 21:00	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/16/25 21:00	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/16/25 21:00	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/16/25 21:00	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/16/25 21:00	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/16/25 21:00	1
Styrene	ND		5.0	0.30	ug/L			10/16/25 21:00	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/16/25 21:00	1
Toluene	ND		1.0	0.30	ug/L			10/16/25 21:00	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/16/25 21:00	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/16/25 21:00	1
Trichloroethene	ND		1.0	0.30	ug/L			10/16/25 21:00	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/16/25 21:00	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/16/25 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 120*		*10/16/25 21:00*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*10/16/25 21:00*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*10/16/25 21:00*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/16/25 21:00*	*1*

Default Detection Limits

Client: Verdantas
Job ID: 410-246092-1
Project/Site: 2025 Comprehensive Sampling

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

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

Surrogate Summary

Client: Verdantas
Job ID: 410-246092-1
Project/Site: 2025 Comprehensive Sampling

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)
410-246092-1	HD-MW-148A-72.5/73-0	109	89	103	99
410-246092-2	HD-MW-148A-136/136.5-0	109	91	105	101
410-246092-3	HD-MW-82-0/1-0	109	89	105	101
410-246092-4	HD-MW-79-0/1-0	112	86	109	99
410-246092-4 MS	HD-MW-79-0/1-0 MS	106	103	98	109
410-246092-4 MSD	HD-MW-79-0/1-0 MSD	105	102	97	107
410-246092-5	HD-MW-142S-0/1-0	112	88	108	99
410-246092-6	HD-MW-112-0/1-0	111	90	106	101
410-246092-7	HD-QC3-0/1-1	110	89	105	100
410-246092-8	HD-MW-115-0/1-0	107	91	100	101
410-246092-9	HD-QC4-0/1-2	109	91	104	101
LCS 410-715287/5	Lab Control Sample	105	100	98	103
LCS 410-715649/5	Lab Control Sample	105	100	98	107
LCSD 410-715649/6	Lab Control Sample Dup	103	99	98	104
MB 410-715287/6	Method Blank	106	93	102	101
MB 410-715649/7	Method Blank	109	91	102	101

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 410-715287/6
Matrix: Water
Analysis Batch: 715287

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

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

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 120*		*10/16/25 20:20*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*10/16/25 20:20*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*10/16/25 20:20*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/16/25 20:20*	*1*

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

Lab Sample ID: LCS 410-715287/5
Matrix: Water
Analysis Batch: 715287

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	21.5		ug/L		108	79 - 120
1,1,1-Trichloroethane	20.0	21.8		ug/L		109	73 - 120
1,1,2,2-Tetrachloroethane	20.0	20.3		ug/L		101	72 - 120
1,1,2-Trichloroethane	20.0	20.6		ug/L		103	80 - 120
1,1-Dichloroethane	20.0	22.2		ug/L		111	80 - 120
1,1-Dichloroethene	20.0	22.6		ug/L		113	80 - 131
1,2-Dibromoethane (EDB)	20.0	20.1		ug/L		100	77 - 120
1,2-Dichloroethane	20.0	20.1		ug/L		101	73 - 124
1,2-Dichloropropane	20.0	21.7		ug/L		109	80 - 120
2-Butanone (MEK)	250	251		ug/L		100	59 - 135
2-Hexanone	250	271		ug/L		109	56 - 135
4-Methyl-2-pentanone (MIBK)	250	265		ug/L		106	62 - 133
Acetone	250	223		ug/L		89	57 - 143
Benzene	20.0	21.3		ug/L		106	80 - 120
Bromochloromethane	20.0	20.0		ug/L		100	80 - 120
Bromodichloromethane	20.0	20.6		ug/L		103	71 - 120
Bromoform	20.0	18.6		ug/L		93	51 - 120
Bromomethane	20.0	16.8		ug/L		84	53 - 128
Carbon disulfide	20.0	19.7		ug/L		98	65 - 128
Carbon tetrachloride	20.0	22.4		ug/L		112	64 - 134
Chlorobenzene	20.0	20.0		ug/L		100	80 - 120
Chloroethane	20.0	17.7		ug/L		88	55 - 123
Chloroform	20.0	20.8		ug/L		104	80 - 120
Chloromethane	20.0	24.8		ug/L		124	39 - 134
cis-1,2-Dichloroethene	20.0	20.3		ug/L		102	80 - 125
cis-1,3-Dichloropropene	20.0	19.1		ug/L		96	75 - 120
Dibromochloromethane	20.0	19.6		ug/L		98	71 - 120
Ethylbenzene	20.0	20.1		ug/L		100	80 - 120
Methyl tert-butyl ether	20.0	18.7		ug/L		94	69 - 122
Methylene Chloride	20.0	21.1		ug/L		105	80 - 120
Styrene	20.0	19.4		ug/L		97	80 - 120
Tetrachloroethene	20.0	20.4		ug/L		102	80 - 120
Toluene	20.0	20.6		ug/L		103	80 - 120
trans-1,2-Dichloroethene	20.0	20.4		ug/L		102	80 - 126
trans-1,3-Dichloropropene	20.0	20.4		ug/L		102	67 - 120
Trichloroethene	20.0	20.4		ug/L		102	80 - 120
Vinyl chloride	20.0	18.8		ug/L		94	56 - 120
Xylenes, Total	60.0	58.1		ug/L		97	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

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

Lab Sample ID: MB 410-715649/7
Matrix: Water
Analysis Batch: 715649

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/17/25 11:16	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/17/25 11:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/17/25 11:16	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/17/25 11:16	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/17/25 11:16	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/17/25 11:16	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/17/25 11:16	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/17/25 11:16	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/17/25 11:16	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/17/25 11:16	1
2-Hexanone	ND		10	0.85	ug/L			10/17/25 11:16	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/17/25 11:16	1
Acetone	ND		20	0.70	ug/L			10/17/25 11:16	1
Benzene	ND		1.0	0.30	ug/L			10/17/25 11:16	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/17/25 11:16	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/17/25 11:16	1
Bromoform	ND		4.0	1.0	ug/L			10/17/25 11:16	1
Bromomethane	ND		1.0	0.30	ug/L			10/17/25 11:16	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/17/25 11:16	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/17/25 11:16	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/17/25 11:16	1
Chloroethane	ND		1.0	0.30	ug/L			10/17/25 11:16	1
Chloroform	ND		1.0	0.30	ug/L			10/17/25 11:16	1
Chloromethane	ND		2.0	0.55	ug/L			10/17/25 11:16	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/17/25 11:16	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/17/25 11:16	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/17/25 11:16	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/17/25 11:16	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/17/25 11:16	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/17/25 11:16	1
Styrene	ND		5.0	0.30	ug/L			10/17/25 11:16	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/17/25 11:16	1
Toluene	ND		1.0	0.30	ug/L			10/17/25 11:16	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/17/25 11:16	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/17/25 11:16	1
Trichloroethene	ND		1.0	0.30	ug/L			10/17/25 11:16	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/17/25 11:16	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/17/25 11:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 120*		*10/17/25 11:16*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*10/17/25 11:16*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*10/17/25 11:16*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/17/25 11:16*	*1*

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

Lab Sample ID: LCS 410-715649/5
Matrix: Water
Analysis Batch: 715649

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	21.7		ug/L		108	79 - 120
1,1,1-Trichloroethane	20.0	21.4		ug/L		107	73 - 120
1,1,2,2-Tetrachloroethane	20.0	21.0		ug/L		105	72 - 120
1,1,2-Trichloroethane	20.0	21.2		ug/L		106	80 - 120
1,1-Dichloroethane	20.0	22.2		ug/L		111	80 - 120
1,1-Dichloroethene	20.0	21.3		ug/L		107	80 - 131
1,2-Dibromoethane (EDB)	20.0	20.0		ug/L		100	77 - 120
1,2-Dichloroethane	20.0	20.1		ug/L		101	73 - 124
1,2-Dichloropropane	20.0	21.7		ug/L		108	80 - 120
2-Butanone (MEK)	250	261		ug/L		104	59 - 135
2-Hexanone	250	276		ug/L		110	56 - 135
4-Methyl-2-pentanone (MIBK)	250	263		ug/L		105	62 - 133
Acetone	250	270		ug/L		108	57 - 143
Benzene	20.0	20.8		ug/L		104	80 - 120
Bromochloromethane	20.0	19.9		ug/L		99	80 - 120
Bromodichloromethane	20.0	20.3		ug/L		101	71 - 120
Bromoform	20.0	19.6		ug/L		98	51 - 120
Bromomethane	20.0	16.5		ug/L		82	53 - 128
Carbon disulfide	20.0	20.2		ug/L		101	65 - 128
Carbon tetrachloride	20.0	20.8		ug/L		104	64 - 134
Chlorobenzene	20.0	20.3		ug/L		102	80 - 120
Chloroethane	20.0	17.8		ug/L		89	55 - 123
Chloroform	20.0	21.2		ug/L		106	80 - 120
Chloromethane	20.0	22.7		ug/L		113	39 - 134
cis-1,2-Dichloroethene	20.0	20.4		ug/L		102	80 - 125
cis-1,3-Dichloropropene	20.0	19.3		ug/L		96	75 - 120
Dibromochloromethane	20.0	20.8		ug/L		104	71 - 120
Ethylbenzene	20.0	19.7		ug/L		99	80 - 120
Methyl tert-butyl ether	20.0	18.2		ug/L		91	69 - 122
Methylene Chloride	20.0	21.7		ug/L		108	80 - 120
Styrene	20.0	19.1		ug/L		96	80 - 120
Tetrachloroethene	20.0	19.4		ug/L		97	80 - 120
Toluene	20.0	20.7		ug/L		103	80 - 120
trans-1,2-Dichloroethene	20.0	20.4		ug/L		102	80 - 126
trans-1,3-Dichloropropene	20.0	20.7		ug/L		103	67 - 120
Trichloroethene	20.0	20.1		ug/L		101	80 - 120
Vinyl chloride	20.0	17.4		ug/L		87	56 - 120
Xylenes, Total	60.0	58.0		ug/L		97	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

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

Lab Sample ID: LCSD 410-715649/6
Matrix: Water
Analysis Batch: 715649

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			20.0	21.4		ug/L		107	79 - 120	1	30
1,1,1-Trichloroethane			20.0	21.0		ug/L		105	73 - 120	2	30
1,1,2,2-Tetrachloroethane			20.0	20.9		ug/L		104	72 - 120	0	30
1,1,2-Trichloroethane			20.0	20.4		ug/L		102	80 - 120	4	30
1,1-Dichloroethane			20.0	21.8		ug/L		109	80 - 120	2	30
1,1-Dichloroethene			20.0	20.8		ug/L		104	80 - 131	2	30
1,2-Dibromoethane (EDB)			20.0	19.6		ug/L		98	77 - 120	2	30
1,2-Dichloroethane			20.0	19.8		ug/L		99	73 - 124	2	30
1,2-Dichloropropane			20.0	21.3		ug/L		107	80 - 120	2	30
2-Butanone (MEK)			250	283		ug/L		113	59 - 135	8	30
2-Hexanone			250	284		ug/L		114	56 - 135	3	30
4-Methyl-2-pentanone (MIBK)			250	257		ug/L		103	62 - 133	2	30
Acetone			250	338		ug/L		135	57 - 143	22	30
Benzene			20.0	20.7		ug/L		103	80 - 120	1	30
Bromochloromethane			20.0	19.2		ug/L		96	80 - 120	3	30
Bromodichloromethane			20.0	20.4		ug/L		102	71 - 120	1	30
Bromoform			20.0	19.0		ug/L		95	51 - 120	3	30
Bromomethane			20.0	16.3		ug/L		81	53 - 128	1	30
Carbon disulfide			20.0	19.4		ug/L		97	65 - 128	4	30
Carbon tetrachloride			20.0	20.8		ug/L		104	64 - 134	0	30
Chlorobenzene			20.0	19.9		ug/L		100	80 - 120	2	30
Chloroethane			20.0	17.4		ug/L		87	55 - 123	2	30
Chloroform			20.0	20.6		ug/L		103	80 - 120	3	30
Chloromethane			20.0	22.6		ug/L		113	39 - 134	0	30
cis-1,2-Dichloroethene			20.0	20.9		ug/L		105	80 - 125	3	30
cis-1,3-Dichloropropene			20.0	19.0		ug/L		95	75 - 120	2	30
Dibromochloromethane			20.0	19.8		ug/L		99	71 - 120	5	30
Ethylbenzene			20.0	19.6		ug/L		98	80 - 120	1	30
Methyl tert-butyl ether			20.0	18.0		ug/L		90	69 - 122	1	30
Methylene Chloride			20.0	21.0		ug/L		105	80 - 120	3	30
Styrene			20.0	19.0		ug/L		95	80 - 120	1	30
Tetrachloroethene			20.0	19.6		ug/L		98	80 - 120	1	30
Toluene			20.0	20.4		ug/L		102	80 - 120	2	30
trans-1,2-Dichloroethene			20.0	20.3		ug/L		101	80 - 126	1	30
trans-1,3-Dichloropropene			20.0	19.8		ug/L		99	67 - 120	4	30
Trichloroethene			20.0	20.2		ug/L		101	80 - 120	0	30
Vinyl chloride			20.0	17.7		ug/L		89	56 - 120	2	30
Xylenes, Total			60.0	58.0		ug/L		97	80 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

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

Lab Sample ID: 410-246092-4 MS
Matrix: Water
Analysis Batch: 715649

Client Sample ID: HD-MW-79-0/1-0 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		20.0	23.4		ug/L		117	75 - 120
1,1,1-Trichloroethane	ND		20.0	23.0		ug/L		115	68 - 120
1,1,2,2-Tetrachloroethane	ND		20.0	20.8		ug/L		104	71 - 122
1,1,2-Trichloroethane	ND		20.0	21.6		ug/L		108	80 - 120
1,1-Dichloroethane	1.7		20.0	24.8		ug/L		115	74 - 120
1,1-Dichloroethene	ND		20.0	23.1		ug/L		115	74 - 121
1,2-Dibromoethane (EDB)	ND		20.0	20.2		ug/L		101	80 - 120
1,2-Dichloroethane	ND		20.0	19.9		ug/L		100	69 - 120
1,2-Dichloropropane	ND		20.0	21.7		ug/L		109	77 - 120
2-Butanone (MEK)	ND		250	240		ug/L		96	65 - 131
2-Hexanone	ND		250	271		ug/L		108	67 - 132
4-Methyl-2-pentanone (MIBK)	ND		250	254		ug/L		102	66 - 129
Acetone	ND		250	235		ug/L		94	58 - 141
Benzene	ND		20.0	21.9		ug/L		110	81 - 120
Bromochloromethane	ND		20.0	20.2		ug/L		101	76 - 126
Bromodichloromethane	ND		20.0	20.8		ug/L		104	73 - 120
Bromoform	ND		20.0	19.5		ug/L		98	64 - 125
Bromomethane	ND	^c cn	20.0	17.6		ug/L		88	43 - 128
Carbon disulfide	ND		20.0	22.1		ug/L		111	75 - 132
Carbon tetrachloride	ND		20.0	23.8		ug/L		119	63 - 128
Chlorobenzene	ND		20.0	21.2		ug/L		106	80 - 120
Chloroethane	ND		20.0	19.8		ug/L		99	60 - 121
Chloroform	ND		20.0	22.1		ug/L		111	74 - 120
Chloromethane	ND	FH	20.0	26.0	FH	ug/L		130	49 - 126
cis-1,2-Dichloroethene	1.7		20.0	23.5		ug/L		109	81 - 121
cis-1,3-Dichloropropene	ND		20.0	18.0		ug/L		90	71 - 120
Dibromochloromethane	ND		20.0	20.6		ug/L		103	74 - 120
Ethylbenzene	ND		20.0	21.5		ug/L		108	78 - 120
Methyl tert-butyl ether	ND		20.0	17.4		ug/L		87	75 - 120
Methylene Chloride	ND		20.0	21.9		ug/L		109	77 - 120
Styrene	ND		20.0	20.1		ug/L		101	78 - 120
Tetrachloroethene	ND		20.0	21.9		ug/L		110	68 - 125
Toluene	ND		20.0	22.3		ug/L		111	79 - 120
trans-1,2-Dichloroethene	ND		20.0	22.1		ug/L		110	74 - 120
trans-1,3-Dichloropropene	ND		20.0	20.4		ug/L		102	72 - 120
Trichloroethene	ND		20.0	21.5		ug/L		108	76 - 120
Vinyl chloride	ND		20.0	20.0		ug/L		100	52 - 120
Xylenes, Total	ND		60.0	62.7		ug/L		104	78 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*109*		*80 - 120*

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

Lab Sample ID: 410-246092-4 MSD
Matrix: Water
Analysis Batch: 715649

Client Sample ID: HD-MW-79-0/1-0 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		20.0	22.3		ug/L		111	75 - 120	5	30
1,1,1-Trichloroethane	ND		20.0	23.1		ug/L		116	68 - 120	0	30
1,1,2,2-Tetrachloroethane	ND		20.0	20.4		ug/L		102	71 - 122	2	30
1,1,2-Trichloroethane	ND		20.0	20.8		ug/L		104	80 - 120	4	30
1,1-Dichloroethane	1.7		20.0	25.3		ug/L		118	74 - 120	2	30
1,1-Dichloroethene	ND		20.0	24.0		ug/L		120	74 - 121	4	30
1,2-Dibromoethane (EDB)	ND		20.0	19.6		ug/L		98	80 - 120	3	30
1,2-Dichloroethane	ND		20.0	19.7		ug/L		99	69 - 120	1	30
1,2-Dichloropropane	ND		20.0	21.9		ug/L		109	77 - 120	1	30
2-Butanone (MEK)	ND		250	240		ug/L		96	65 - 131	0	30
2-Hexanone	ND		250	266		ug/L		106	67 - 132	2	30
4-Methyl-2-pentanone (MIBK)	ND		250	254		ug/L		102	66 - 129	0	30
Acetone	ND		250	227		ug/L		91	58 - 141	4	30
Benzene	ND		20.0	22.1		ug/L		111	81 - 120	1	30
Bromochloromethane	ND		20.0	20.2		ug/L		101	76 - 126	0	30
Bromodichloromethane	ND		20.0	20.7		ug/L		104	73 - 120	1	30
Bromoform	ND		20.0	19.5		ug/L		97	64 - 125	0	30
Bromomethane	ND	^c cn	20.0	17.7		ug/L		89	43 - 128	1	30
Carbon disulfide	ND		20.0	20.7		ug/L		104	75 - 132	7	30
Carbon tetrachloride	ND		20.0	23.3		ug/L		117	63 - 128	2	30
Chlorobenzene	ND		20.0	21.2		ug/L		106	80 - 120	0	30
Chloroethane	ND		20.0	19.9		ug/L		99	60 - 121	0	30
Chloroform	ND		20.0	21.6		ug/L		108	74 - 120	2	30
Chloromethane	ND	FH	20.0	25.7	FH	ug/L		128	49 - 126	1	30
cis-1,2-Dichloroethene	1.7		20.0	23.3		ug/L		108	81 - 121	1	30
cis-1,3-Dichloropropene	ND		20.0	18.6		ug/L		93	71 - 120	3	30
Dibromochloromethane	ND		20.0	20.4		ug/L		102	74 - 120	1	30
Ethylbenzene	ND		20.0	21.7		ug/L		109	78 - 120	1	30
Methyl tert-butyl ether	ND		20.0	17.7		ug/L		88	75 - 120	2	30
Methylene Chloride	ND		20.0	21.7		ug/L		109	77 - 120	1	30
Styrene	ND		20.0	20.1		ug/L		100	78 - 120	0	30
Tetrachloroethene	ND		20.0	21.9		ug/L		110	68 - 125	0	30
Toluene	ND		20.0	22.0		ug/L		110	79 - 120	1	30
trans-1,2-Dichloroethene	ND		20.0	22.7		ug/L		114	74 - 120	3	30
trans-1,3-Dichloropropene	ND		20.0	20.6		ug/L		103	72 - 120	1	30
Trichloroethene	ND		20.0	21.4		ug/L		107	76 - 120	1	30
Vinyl chloride	ND		20.0	20.2		ug/L		101	52 - 120	1	30
Xylenes, Total	ND		60.0	62.8		ug/L		105	78 - 120	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

QC Association Summary

Client: Verdantas
Job ID: 410-246092-1
Project/Site: 2025 Comprehensive Sampling

GC/MS VOA

Analysis Batch: 715287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-246092-1	HD-MW-148A-72.5/73-0	Total/NA	Water	8260D	
410-246092-2	HD-MW-148A-136/136.5-0	Total/NA	Water	8260D	
410-246092-3	HD-MW-82-0/1-0	Total/NA	Water	8260D	
410-246092-5	HD-MW-142S-0/1-0	Total/NA	Water	8260D	
410-246092-6	HD-MW-112-0/1-0	Total/NA	Water	8260D	
410-246092-7	HD-QC3-0/1-1	Total/NA	Water	8260D	
410-246092-9	HD-QC4-0/1-2	Total/NA	Water	8260D	
MB 410-715287/6	Method Blank	Total/NA	Water	8260D	
LCS 410-715287/5	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 715649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-246092-4	HD-MW-79-0/1-0	Total/NA	Water	8260D	
410-246092-8	HD-MW-115-0/1-0	Total/NA	Water	8260D	
MB 410-715649/7	Method Blank	Total/NA	Water	8260D	
LCS 410-715649/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-715649/6	Lab Control Sample Dup	Total/NA	Water	8260D	
410-246092-4 MS	HD-MW-79-0/1-0 MS	Total/NA	Water	8260D	
410-246092-4 MSD	HD-MW-79-0/1-0 MSD	Total/NA	Water	8260D	

Lab Chronicle

Client: Verdantas
Job ID: 410-246092-1
Project/Site: 2025 Comprehensive Sampling

Client Sample ID: HD-MW-148A-72.5/73-0
Lab Sample ID: 410-246092-1
Date Collected: 10/06/25 10:27
Matrix: Water
Date Received: 10/08/25 19:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	715287	TQ4J	ELLE	10/16/25 23:18

Client Sample ID: HD-MW-148A-136/136.5-0
Lab Sample ID: 410-246092-2
Date Collected: 10/06/25 11:35
Matrix: Water
Date Received: 10/08/25 19:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	715287	TQ4J	ELLE	10/16/25 23:38

Client Sample ID: HD-MW-82-0/1-0
Lab Sample ID: 410-246092-3
Date Collected: 10/06/25 14:05
Matrix: Water
Date Received: 10/08/25 19:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	715287	TQ4J	ELLE	10/16/25 23:58

Client Sample ID: HD-MW-79-0/1-0
Lab Sample ID: 410-246092-4
Date Collected: 10/07/25 10:32
Matrix: Water
Date Received: 10/08/25 19:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	715649	S8BP	ELLE	10/17/25 15:01

Client Sample ID: HD-MW-142S-0/1-0
Lab Sample ID: 410-246092-5
Date Collected: 10/06/25 12:00
Matrix: Water
Date Received: 10/08/25 19:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	715287	TQ4J	ELLE	10/17/25 00:18

Client Sample ID: HD-MW-112-0/1-0
Lab Sample ID: 410-246092-6
Date Collected: 10/06/25 13:30
Matrix: Water
Date Received: 10/08/25 19:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	715287	TQ4J	ELLE	10/17/25 00:38

Client Sample ID: HD-QC3-0/1-1
Lab Sample ID: 410-246092-7
Date Collected: 10/06/25 08:00
Matrix: Water
Date Received: 10/08/25 19:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	715287	TQ4J	ELLE	10/17/25 00:58

Lab Chronicle

Client: Verdantas
Job ID: 410-246092-1
Project/Site: 2025 Comprehensive Sampling

Client Sample ID: HD-MW-115-0/1-0
Lab Sample ID: 410-246092-8

Date Collected: 10/07/25 11:30
Matrix: Water
Date Received: 10/08/25 19:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	715649	S8BP	ELLE	10/17/25 17:59

Client Sample ID: HD-QC4-0/1-2
Lab Sample ID: 410-246092-9

Date Collected: 10/06/25 00:00
Matrix: Water
Date Received: 10/08/25 19:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	715287	TQ4J	ELLE	10/16/25 21:00

Laboratory References:

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

Accreditation/Certification Summary

Client: Verdantas
Job ID: 410-246092-1
Project/Site: 2025 Comprehensive Sampling

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

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

Method Summary

Client: Verdantas
Job ID: 410-246092-1
Project/Site: 2025 Comprehensive Sampling

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Verdantas
Job ID: 410-246092-1
Project/Site: 2025 Comprehensive Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
410-246092-1	HD-MW-148A-72.5/73-0	Water	10/06/25 10:27	10/08/25 19:05	Pennsylvania
410-246092-2	HD-MW-148A-136/136.5-0	Water	10/06/25 11:35	10/08/25 19:05	Pennsylvania
410-246092-3	HD-MW-82-0/1-0	Water	10/06/25 14:05	10/08/25 19:05	Pennsylvania
410-246092-4	HD-MW-79-0/1-0	Water	10/07/25 10:32	10/08/25 19:05	Pennsylvania
410-246092-5	HD-MW-142S-0/1-0	Water	10/06/25 12:00	10/08/25 19:05	Pennsylvania
410-246092-6	HD-MW-112-0/1-0	Water	10/06/25 13:30	10/08/25 19:05	Pennsylvania
410-246092-7	HD-QC3-0/1-1	Water	10/06/25 08:00	10/08/25 19:05	Pennsylvania
410-246092-8	HD-MW-115-0/1-0	Water	10/07/25 11:30	10/08/25 19:05	Pennsylvania
410-246092-9	HD-QC4-0/1-2	Water	10/06/25 00:00	10/08/25 19:05	Pennsylvania

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Instrument ID: 15648 Analysis Batch Number: 693589

Lab Sample ID: IC 410-693589/4 Client Sample ID:

Date Analyzed: 09/03/25 00:03 Lab File ID: ES02X03.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	1.62	Shouldering	UCB5	09/04/25 10:14

Lab Sample ID: IC 410-693589/5 Client Sample ID:

Date Analyzed: 09/03/25 00:23 Lab File ID: ES02X04.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	1.62	Shouldering	UCB5	09/04/25 10:14

Lab Sample ID: IC 410-693589/7 Client Sample ID:

Date Analyzed: 09/03/25 01:02 Lab File ID: ES02X06.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	1.63	Shouldering	UCB5	09/04/25 10:15

Lab Sample ID: IC 410-693589/12 Client Sample ID:

Date Analyzed: 09/03/25 02:42 Lab File ID: ES02X11.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.18	Incomplete Integration	DVW2	09/03/25 07:57
Freon 123a	1.69	Incomplete Integration	DVW2	09/03/25 07:58
Methyl tert-butyl ether	2.37	Incomplete Integration	DVW2	09/03/25 07:58
Ethyl acrylate	4.85	Wrong peak	UCB5	09/04/25 10:18

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Instrument ID: 15648 Analysis Batch Number: 693589

Lab Sample ID: IC 410-693589/13 Client Sample ID:

Date Analyzed: 09/03/25 03:01 Lab File ID: ES02X12.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.17	Incomplete Integration	DVW2	09/03/25 07:56
Isobutyl alcohol	4.01	Peak assignment corrected	DVW2	09/03/25 08:01
Ethyl acrylate	4.85	Wrong peak	UCB5	09/04/25 10:19

Lab Sample ID: IC 410-693589/14 Client Sample ID:

Date Analyzed: 09/03/25 03:21 Lab File ID: ES02X13.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.17	Incomplete Integration	DVW2	09/03/25 07:56
Methyl acrylate	3.34	Peak assignment corrected	DVW2	09/03/25 08:05
Ethyl acrylate	4.84	Wrong peak	UCB5	09/04/25 10:20

Lab Sample ID: IC 410-693589/15 Client Sample ID:

Date Analyzed: 09/03/25 03:41 Lab File ID: ES02X14.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.17	Incomplete Integration	DVW2	09/03/25 07:55
Ethyl acrylate	4.84	Wrong peak	UCB5	09/04/25 10:21
Naphthalene	11.04	Peak assignment corrected	DVW2	09/03/25 08:06

Lab Sample ID: ICIS 410-693589/16 Client Sample ID:

Date Analyzed: 09/03/25 04:01 Lab File ID: ES02X15.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.17	Incomplete Integration	DVW2	09/03/25 07:55
Ethyl acrylate	4.84	Wrong peak	UCB5	09/04/25 10:22

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Instrument ID: 15648 Analysis Batch Number: 693589

Lab Sample ID: IC 410-693589/17 Client Sample ID:

Date Analyzed: 09/03/25 04:21 Lab File ID: ES02X16.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.18	Incomplete Integration	DVW2	09/03/25 07:55
Ethyl acrylate	4.85	Wrong peak	UCB5	09/04/25 10:23

Lab Sample ID: IC 410-693589/18 Client Sample ID:

Date Analyzed: 09/03/25 04:40 Lab File ID: ES02X17.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.18	Incomplete Integration	DVW2	09/03/25 07:55
Ethyl acrylate	4.85	Wrong peak	UCB5	09/04/25 10:23

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Instrument ID: 15648 Analysis Batch Number: 694491

Lab Sample ID: ICV 410-694491/1004 Client Sample ID:

Date Analyzed: 09/04/25 09:47 Lab File ID: -ES04X03-ICV.d GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.18	Incomplete Integration	DVW2	09/04/25 10:09
1,4-Dioxane	5.07	Incomplete Integration	DVW2	09/04/25 10:09

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Instrument ID: 15648 Analysis Batch Number: 715287

Lab Sample ID: CCVIS 410-715287/3 Client Sample ID:

Date Analyzed: 10/16/25 19:20 Lab File ID: EC16X52.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Isobutyl alcohol	3.99	Peak assignment corrected	Y6ZN	10/16/25 19:41

Lab Sample ID: MB 410-715287/6 Client Sample ID:

Date Analyzed: 10/16/25 20:20 Lab File ID: EC16X55.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide		Invalid Compound ID	Y6ZN	10/16/25 21:36

Lab Sample ID: 410-246092-1 Client Sample ID: HD-MW-148A-72.5/73-0

Date Analyzed: 10/16/25 23:18 Lab File ID: EC16X64.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone		Invalid Compound ID	N9NA	10/17/25 12:38

Lab Sample ID: 410-246092-2 Client Sample ID: HD-MW-148A-136/136.5-0

Date Analyzed: 10/16/25 23:38 Lab File ID: EC16X65.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	N9NA	10/17/25 12:39
Acetone		Invalid Compound ID	N9NA	10/17/25 12:39

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Instrument ID: 15648 Analysis Batch Number: 715287

Lab Sample ID: 410-246092-3 Client Sample ID: HD-MW-82-0/1-0

Date Analyzed: 10/16/25 23:58 Lab File ID: EC16X66.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	Y6ZN	10/17/25 19:15
Chloroform		Invalid Compound ID	Y6ZN	10/17/25 19:15

Lab Sample ID: 410-246092-5 Client Sample ID: HD-MW-142S-0/1-0

Date Analyzed: 10/17/25 00:18 Lab File ID: EC16X67.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	Y6ZN	10/17/25 19:16

Lab Sample ID: 410-246092-6 Client Sample ID: HD-MW-112-0/1-0

Date Analyzed: 10/17/25 00:38 Lab File ID: EC16X68.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene		Invalid Compound ID	Y6ZN	10/17/25 19:17
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	Y6ZN	10/17/25 19:17
Chloroform		Invalid Compound ID	Y6ZN	10/17/25 19:17
cis-1,2-Dichloroethene		Invalid Compound ID	Y6ZN	10/17/25 19:17

Lab Sample ID: 410-246092-7 Client Sample ID: HD-QC3-0/1-1

Date Analyzed: 10/17/25 00:58 Lab File ID: EC16X69.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene		Invalid Compound ID	Y6ZN	10/17/25 19:18
Benzene		Invalid Compound ID	Y6ZN	10/17/25 19:18

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Instrument ID: 15648 Analysis Batch Number: 715649

Lab Sample ID: CCVIS 410-715649/3 Client Sample ID:

Date Analyzed: 10/17/25 09:57 Lab File ID: EC17X02.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	2.17	Peak assignment corrected	WJ7F	10/17/25 10:21
t-Butyl alcohol-d10 (IS)	2.17	Peak assignment corrected	WJ7F	10/17/25 10:21

Lab Sample ID: LCS 410-715649/5 Client Sample ID:

Date Analyzed: 10/17/25 10:36 Lab File ID: EC17X04.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloroethane-d4 (Surr)	3.99	Peak assignment corrected	WJ7F	10/17/25 11:21

Lab Sample ID: MB 410-715649/7 Client Sample ID:

Date Analyzed: 10/17/25 11:16 Lab File ID: EC17X06.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	WJ7F	10/17/25 12:01
Carbon disulfide		Invalid Compound ID	WJ7F	10/17/25 12:01
Chloromethane		Invalid Compound ID	WJ7F	10/17/25 12:01

Lab Sample ID: 410-246092-4 Client Sample ID:

Date Analyzed: 10/17/25 15:01 Lab File ID: EC17X16.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Fluorobenzene (IS)	4.33	Peak assignment corrected	JS6E	10/17/25 18:44
Chlorobenzene-d5 (IS)	7.52	Peak assignment corrected	JS6E	10/17/25 18:44
2-Butanone (MEK)		Invalid Compound ID	Y6ZN	10/17/25 20:15
Trichloroethene		Invalid Compound ID	Y6ZN	10/17/25 20:15
Vinyl chloride		Invalid Compound ID	Y6ZN	10/17/25 20:15

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Instrument ID: 15648 Analysis Batch Number: 715649

Lab Sample ID: 410-246092-8 Client Sample ID: HD-MW-115-0/1-0

Date Analyzed: 10/17/25 17:59 Lab File ID: EC17X25.D GC Column: DB-624 20m ID: 0.18(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2-Trichloroethane		Invalid Compound ID	Y6ZN	10/17/25 20:23
1,2-Dichloroethane		Invalid Compound ID	Y6ZN	10/17/25 20:23
2-Butanone (MEK)		Invalid Compound ID	Y6ZN	10/17/25 20:23
2-Hexanone		Invalid Compound ID	Y6ZN	10/17/25 20:23
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	Y6ZN	10/17/25 20:23
Chloroethane		Invalid Compound ID	Y6ZN	10/17/25 20:23
Chloromethane		Invalid Compound ID	Y6ZN	10/17/25 20:23

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_4ppbEE_00644	09/09/25	09/02/25	DI Water, Lot DI 25118	1000 mL	MSV_CCV_2CEVE_00243	4 uL	2-Chloroethyl vinyl ether	4 ug/L
					MSV_CCV_CYC_00012	32 uL	Cyclohexanone	200.004 ug/L
					MSV_CCV_EE_00009	4 uL	Ethyl ether	4.00133 ug/L
					MSV_CCV_GASES_01095	2 uL	1,2-Dichloro-1,1,2-trifluoroethane	4 ug/L
							Bromomethane	4 ug/L
							Butadiene	4 ug/L
							Chloroethane	4 ug/L
							Chloromethane	4 ug/L
							Dichlorodifluoromethane	4 ug/L
							Dichlorofluoromethane	4 ug/L
							Trichlorofluoromethane	4 ug/L
							Vinyl chloride	4 ug/L
					MSV_CCV_VOC#1_00251	4 uL	1,1,1,2-Tetrachloroethane	4 ug/L
							1,1,1-Trichloroethane	4 ug/L
							1,1,2,2-Tetrachloroethane	4 ug/L
							1,1,2-Trichloroethane	4 ug/L
							1,1-Dichloroethane	4 ug/L
							1,1-Dichloroethene	4 ug/L
							1,1-Dichloropropene	4 ug/L
							1,2,3-Trichlorobenzene	4 ug/L
							1,2,3-Trichloropropane	4 ug/L
							1,2,4-Trichlorobenzene	4 ug/L
							1,2,4-Trimethylbenzene	4 ug/L
							1,2-Dibromo-3-Chloropropane	4 ug/L
							1,2-Dibromoethane (EDB)	4 ug/L
							1,2-Dichlorobenzene	4 ug/L
							1,2-Dichloroethane	4 ug/L
							1,2-Dichloropropane	4 ug/L
							1,3,5-Trimethylbenzene	4 ug/L
							1,3-Dichlorobenzene	4 ug/L
							1,3-Dichloropropane	4 ug/L
							1,4-Dichlorobenzene	4 ug/L
							2,2-Dichloropropane	4 ug/L
							2-Chlorotoluene	4 ug/L
							4-Chlorotoluene	4 ug/L
							4-Isopropyltoluene	4 ug/L
							Benzene	4 ug/L
							Bromobenzene	4 ug/L
							Bromochloromethane	4 ug/L
							Bromodichloromethane	4 ug/L
							Bromoform	4 ug/L
							Carbon tetrachloride	4 ug/L
							Chlorobenzene	4 ug/L
							Chloroform	4 ug/L
							cis-1,2-Dichloroethene	4 ug/L

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylcyclohexane	4 ug/L
							n-Butanol	50 ug/L
							n-Heptane	4 ug/L
							o-diethylbenzene	4 ug/L
							p-Diethylbenzene	4 ug/L
							Pentane	4 ug/L
							Propionitrile	20 ug/L
							Tert-amyl methyl ether	4 ug/L
							Tert-butyl ethyl ether	4 ug/L
							Tetrahydrofuran	20 ug/L
							trans-1,4-Dichloro-2-butene	10 ug/L
					MSV_CCV_VOC#3_00253	3.2 uL	Acrolein	39.0332 ug/L
							2-Butanone (MEK)	8 ug/L
							2-Hexanone	8 ug/L
							4-Methyl-2-pentanone (MIBK)	8 ug/L
							Acetone	8 ug/L
					MSV_V_Acr_Std_00010	0.8 uL	2-Ethylhexyl acrylate	4.00068 ug/L
							n-Butyl acrylate	4.00044 ug/L
							Ethyl acrylate	4.00192 ug/L
							Methyl acrylate	4.00113 ug/L
.MSV_CCV_2CEVE_00243	10/08/25	09/02/25	Methanol, Lot EH471	5 mL	MSV_V_2CLEVE_00250	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
..MSV_V_2CLEVE_00250	04/30/28		Restek, Lot A0225196		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
.MSV_CCV_CYC_00012	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	200 mL	MSV_VCYC_STK_00015	9.828 mL	Cyclohexanone	6250.12 ug/mL
..MSV_VCYC_STK_00015	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	10 mL	MSV_CYC_00014	1.2719 g	Cyclohexanone	127190 ug/mL
...MSV_CYC_00014	02/28/29		Chem Service, Lot 16092200		(Purchased Reagent)		Cyclohexanone	1 g/g
.MSV_CCV_EE_00009	11/03/25	05/03/25	Methanol, Lot EH471	50 mL	MSV_EE_MISCSK_00016	1.502 mL	Ethyl ether	1000.33 ug/mL
..MSV_EE_MISCSK_00016	11/03/25	05/03/25	Methanol, Lot EH471	10 mL	MSV_EE_Neat_00013	0.333 g	Ethyl ether	33300 ug/mL
...MSV_EE_Neat_00013	06/30/27		Chem Service, Lot 15507600		(Purchased Reagent)		Ethyl ether	1 g/g
.MSV_CCV_GASES_01095	09/09/25		Restek, Lot A0225685		(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
.MSV_CCV_VOC#1_00251	10/02/25	09/02/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00247	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,1-Dichloropropene	1000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					MSV_MegaMix#2_00255	1 mL	1,1,2-Trichloro-1,2,2-trifluoroethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL
							1,3-Diethylbenzene	1000 ug/mL
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-ethoxy-2-methyl butane	1000 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitropropane	5000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Acrylonitrile	2500 ug/mL
							Benzyl chloride	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Cyclohexane	1000 ug/mL
							Ethyl methacrylate	1000 ug/mL
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL
							o-diethylbenzene	1000 ug/mL
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
..MSV_MegaMIX#1_00247	10/02/25		Restek, Lot A0224890		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,1-Dichloropropene	5000 ug/mL
							1,2,3-Trichlorobenzene	5000 ug/mL
							1,2,3-Trichloropropane	5000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	5000 ug/mL
							1,2,4-Trimethylbenzene	5000 ug/mL
							1,2-Dibromo-3-Chloropropane	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichlorobenzene	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							1,3,5-Trimethylbenzene	5000 ug/mL
							1,3-Dichlorobenzene	5000 ug/mL
							1,3-Dichloropropane	5000 ug/mL
							1,4-Dichlorobenzene	5000 ug/mL
							2,2-Dichloropropane	5000 ug/mL
							2-Chlorotoluene	5000 ug/mL
							4-Chlorotoluene	5000 ug/mL
							4-Isopropyltoluene	5000 ug/mL
							Benzene	5000 ug/mL
							Bromobenzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Dibromomethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL
							Isopropylbenzene	5000 ug/mL
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL
							sec-Butylbenzene	5000 ug/mL
							Styrene	5000 ug/mL
							tert-Butylbenzene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
..MSV_MegaMix#2_00255	10/02/25		Restek, Lot A0226118		(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluoroethane	5000 ug/mL
							1,2,3-Trimethylbenzene	5000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL
							Cyclohexane	5000 ug/mL
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
.MSV_CCV_VOC#3_00253	10/02/25	09/02/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00030	0.5 mL	Acrolein	12197.9 ug/mL
					MSV_V_Ketones_00244	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
..MSV_CCV_ACR_00030	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00050	8.992 mL	Acrolein	121979 ug/mL
...MSV_VACR_STK_00050	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00045	1.4602 g	Acrolein	135653 ug/mL
....MSV_ACROLEIN_00045	07/31/27	Chem Service, Lot 16318500			(Purchased Reagent)		Acrolein	0.929 g/g
..MSV_V_Ketones_00244	02/28/28	Restek, Lot A0222253			(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	12500 ug/mL
.MSV_V_Acr_Std_00010	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MStk_2E6A_00006	0.618 mL	2-Ethylhexyl acrylate	5000.86 ug/mL
					MSV_MStk_BAcr_00007	0.925 mL	n-Butyl acrylate	5000.55 ug/mL
					MSV_MStk_EtAc_00006	1.04 mL	Ethyl acrylate	5002.4 ug/mL
					MSV_MStk_MAcr_00006	1.063 mL	Methyl acrylate	5001.42 ug/mL
..MSV_MStk_2E6A_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_2Eth6Acry_00001	0.8092 g	2-Ethylhexyl acrylate	80920 ug/mL
...MSV_2Eth6Acry_00001	02/28/28		Sigma Aldrich, Lot MKCN1302		(Purchased Reagent)		2-Ethylhexyl acrylate	1 g/g
..MSV_MStk_BAcr_00007	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_nButylAcr_00007	0.5406 g	n-Butyl acrylate	54060 ug/mL
...MSV_nButylAcr_00007	01/31/26		Chem Service, Lot 14061100		(Purchased Reagent)		n-Butyl acrylate	1 g/g
..MSV_MStk_EtAc_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_EthylAcry_00005	0.481 g	Ethyl acrylate	48100 ug/mL
...MSV_EthylAcry_00005	03/31/26		Chem Service, Lot 15464400		(Purchased Reagent)		Ethyl acrylate	1 g/g
..MSV_MStk_MAcr_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcr_00005	0.4705 g	Methyl acrylate	47050 ug/mL
...MSV_MethylAcr_00005	01/31/26		Chem Service, Lot 14862200		(Purchased Reagent)		Methyl acrylate	1 g/g
MSV_CCV_2CEVE_00243	10/08/25	09/02/25	Methanol, Lot EH471	5 mL	MSV_V_2CLEVE_00250	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
.MSV_V_2CLEVE_00250	04/30/28		Restek, Lot A0225196		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
MSV_CCV_CYC_00012	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	200 mL	MSV_VCYC_STK_00015	9.828 mL	Cyclohexanone	6250.12 ug/mL
.MSV_VCYC_STK_00015	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	10 mL	MSV_CYC_00014	1.2719 g	Cyclohexanone	127190 ug/mL
..MSV_CYC_00014	02/28/29		Chem Service, Lot 16092200		(Purchased Reagent)		Cyclohexanone	1 g/g
MSV_CCV_EE_00009	11/03/25	05/03/25	Methanol, Lot EH471	50 mL	MSV_EE_MISCSK_00016	1.502 mL	Ethyl ether	1000.33 ug/mL
.MSV_EE_MISCSK_00016	11/03/25	05/03/25	Methanol, Lot EH471	10 mL	MSV_EE_Neat_00013	0.333 g	Ethyl ether	33300 ug/mL
..MSV_EE_Neat_00013	06/30/27		Chem Service, Lot 15507600		(Purchased Reagent)		Ethyl ether	1 g/g
MSV_CCV_ETOH_00009	09/11/25	03/11/25	Methanol, Lot EH471	200 mL	MSV_VETOH_STK_00017	8.43 mL	Ethanol	12500 ug/mL
.MSV_VETOH_STK_00017	09/11/25	03/11/25	Methanol, Lot EH471	10 mL	MSV_EtOH_00050	2.9656 g	Ethanol	296560 ug/mL
..MSV_EtOH_00050	01/31/30		Chem Service, Lot 15122500		(Purchased Reagent)		Ethanol	1 g/g
MSV_CCV_GASES_01095	09/09/25		Restek, Lot A0225685		(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_CCV_GASES_01120	10/22/25		Restek, Lot A0225685		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_CCV_LKB_00013	09/06/25	03/06/25	Methanol, Lot EH471	50 mL	MSV_V234TCB_S_00009	4.897 mL	2,3,4-Trichlorobutene	999.576 ug/mL
					MSV_V34D1B_SK_00015	0.825 mL	3,4-Dichloro-1-butene	999.735 ug/mL
					MSV_Vc14d_STK_00013	1.274 mL	cis-1,4-Dichloro-2-butene	999.708 ug/mL
.MSV_V234TCB_S_00009	09/06/25	03/06/25	Methanol, Lot EH471	10 mL	MSV_2,3,4TCB_00013	0.108 g	2,3,4-Trichlorobutene	10206 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..MSV_2,3,4TCB_00013	07/31/27		Chem Service, Lot 15568600		(Purchased Reagent)		2,3,4-Trichlorobutene	0.945 g/g
.MSV_V34D1B_SK_00015	09/06/25	03/06/25	Methanol, Lot EH471	10 mL	MSV_3,4DC1Be_00003	0.6059 g	3,4-Dichloro-1-butene	60590 ug/mL
..MSV_3,4DC1Be_00003	08/22/27		TCI, Lot W3RMJ		(Purchased Reagent)		3,4-Dichloro-1-butene	1 g/g
.MSV_Vc14d_STK_00013	09/06/25	03/06/25	Methanol, Lot EH471	10 mL	MSV_c14dcb_Nt_00004	0.413 g	cis-1,4-Dichloro-2-butene	39235 ug/mL
..MSV_c14dcb_Nt_00004	08/16/27		Aldrich, Lot SHBH4584V		(Purchased Reagent)		cis-1,4-Dichloro-2-butene	0.95 g/g
MSV_CCV_OH_Sp_00025	10/02/25	09/02/25	Methanol, Lot EH274	1 mL	MSV_V_Acr_Std_00010	200 uL	2-Ethylhexyl acrylate	1000.17 ug/mL
							n-Butyl acrylate	1000.11 ug/mL
							Ethyl acrylate	1000.48 ug/mL
							Methyl acrylate	1000.28 ug/mL
.MSV_V_Acr_Std_00010	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MStk_2E6A_00006	0.618 mL	2-Ethylhexyl acrylate	5000.86 ug/mL
					MSV_MStk_BAcr_00007	0.925 mL	n-Butyl acrylate	5000.55 ug/mL
					MSV_MStk_EtAc_00006	1.04 mL	Ethyl acrylate	5002.4 ug/mL
					MSV_MStk_MAcr_00006	1.063 mL	Methyl acrylate	5001.42 ug/mL
..MSV_MStk_2E6A_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_2Eth6Acry_00001	0.8092 g	2-Ethylhexyl acrylate	80920 ug/mL
...MSV_2Eth6Acry_00001	02/28/28		Sigma Aldrich, Lot MKCN1302		(Purchased Reagent)		2-Ethylhexyl acrylate	1 g/g
..MSV_MStk_BAcr_00007	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_nButylAcr_00007	0.5406 g	n-Butyl acrylate	54060 ug/mL
...MSV_nButylAcr_00007	01/31/26		Chem Service, Lot 14061100		(Purchased Reagent)		n-Butyl acrylate	1 g/g
..MSV_MStk_EtAc_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_EthylAcry_00005	0.481 g	Ethyl acrylate	48100 ug/mL
...MSV_EthylAcry_00005	03/31/26		Chem Service, Lot 15464400		(Purchased Reagent)		Ethyl acrylate	1 g/g
..MSV_MStk_MAcr_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcr_00005	0.4705 g	Methyl acrylate	47050 ug/mL
...MSV_MethylAcr_00005	01/31/26		Chem Service, Lot 14862200		(Purchased Reagent)		Methyl acrylate	1 g/g
MSV_CCV_Penta_00071	09/22/25	08/23/25	Methanol, Lot EJ274	1 mL	MSV_V_PentaCL_00068	200 uL	Pentachloroethane	1000 ug/mL
.MSV_V_PentaCL_00068	09/22/25		Restek, Lot A0197490		(Purchased Reagent)		Pentachloroethane	5000 ug/mL
MSV_CCV_V5ACE_00053	09/11/25	08/12/25	Methanol, Lot EJ274	10 mL	MSV_AcetatesV_00091	1 mL	Acetonitrile	5000 ug/mL
							Ethyl acetate	1000 ug/mL
							Isopropyl acetate	1000 ug/mL
							n-Butyl acetate	1000 ug/mL
							n-Propyl acetate	1000 ug/mL
							Vinyl acetate	1000 ug/mL
.MSV_AcetatesV_00091	11/30/25		Restek, Lot A0211993		(Purchased Reagent)		Acetonitrile	50000 ug/mL
							Ethyl acetate	10000 ug/mL
							Isopropyl acetate	10000 ug/mL
							n-Butyl acetate	10000 ug/mL
							n-Propyl acetate	10000 ug/mL
							Vinyl acetate	10000 ug/mL
MSV_CCV_VOC#1_00251	10/02/25	09/02/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00247	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,1-Dichloropropene	1000 ug/mL
							1,2,3-Trichlorobenzene	1000 ug/mL
							1,2,3-Trichloropropane	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
					MSV_MegaMix#2_00255	1 mL	1,1,2-Trichloro-1,2,2-trifluoroethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

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_00255	10/02/25		Restek, Lot A0226118		(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluoroethane	5000 ug/mL
							1,2,3-Trimethylbenzene	5000 ug/mL
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL
							Cyclohexane	5000 ug/mL
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
MSV_CCV_VOC#1_00257	11/12/25	10/13/25	Methanol, Lot EJ274	5 mL	MSV_MegaMIX#1_00255	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							Benzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Methylene Chloride	1000 ug/mL
							Styrene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
					MSV_MegaMix#2_00260	1 mL	Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_MegaMIX#1_00255	11/12/25		Restek, Lot A0224890		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							Benzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Methylene Chloride	5000 ug/mL
							Styrene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
.MSV_MegaMix#2_00260	11/12/25		Restek, Lot A0226118		(Purchased Reagent)		Carbon disulfide	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
MSV_CCV_VOC#3_00253	10/02/25	09/02/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00030	0.5 mL	Acrolein	12197.9 ug/mL
					MSV_V_Ketones_00244	1 mL	2-Butanone (MEK)	2500 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
.MSV_CCV_ACR_00030	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00050	8.992 mL	Acrolein	121979 ug/mL
..MSV_VACR_STK_00050	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00045	1.4602 g	Acrolein	135653 ug/mL
...MSV_ACROLEIN_00045	07/31/27	Chem Service, Lot 16318500			(Purchased Reagent)		Acrolein	0.929 g/g
.MSV_V_Ketones_00244	02/28/28	Restek, Lot A0222253			(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_CCV_VOC#3_00259	10/25/25	10/13/25	Methanol, Lot EJ274	5 mL	MSV_V_Ketones_00250	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
.MSV_V_Ketones_00250	02/28/28	Restek, Lot A0222253			(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_Cent_ISO_00012	02/24/26	09/02/25	Methanol, Lot EJ274	50 mL	MSV_Cus826_IS_00837	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5 (IS)	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
							t-Butyl alcohol-d10 (IS)	250 ug/mL
.MSV_Cus826_IS_00837	02/24/26	Restek, Lot A0211699			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_Cent_ISSS_00038	09/28/25	03/28/25	Methanol, Lot EJ274	50 mL	MSV_8260_SS_01388	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_00709	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_01388	09/28/25	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_00709	09/28/25	Restek, Lot A0203141			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_Cent_ISSS_00043	12/29/25	06/29/25	Methanol, Lot EJ274	50 mL	MSV_Cus826_IS_00750	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5 (IS)	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							t-Butyl alcohol-d10 (IS)	250 ug/mL
.MSV_Cus826_IS_00750	10/31/26		Restek, Lot A0203141		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_Cent_ISSS_00043	12/29/25	06/29/25	Methanol, Lot EJ274	50 mL	MSV_8260_SS_01487	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.MSV_8260_SS_01487	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_Cent_ISSS_00048	03/15/26	10/15/25	Methanol, Lot EJ274	50 mL	MSV_Cus826_IS_00849	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_00849	03/15/26		Restek, Lot A0211699		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_Cent_ISSS_00048	03/15/26	10/15/25	Methanol, Lot EJ274	50 mL	MSV_8260_SS_01571	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_01571	03/15/26		Restek, Lot A0225343		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
MSV_LCS_Gases_00266	09/09/25	09/02/25	Methanol, Lot EH471	25 mL	MSV_QC_2K_GAS_00315	0.5 mL	Bromomethane	40 ug/mL
							Chloroethane	40 ug/mL
							Chloromethane	40 ug/mL
							Vinyl chloride	40 ug/mL
.MSV_QC_2K_GAS_00315	09/09/25		Restek, Lot A0211460		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_LCS_Gases_00272	10/20/25	10/13/25	Methanol, Lot EJ274	25 mL	MSV_QC_2K_GAS_00326	0.5 mL	Bromomethane	40 ug/mL
							Chloroethane	40 ug/mL
							Chloromethane	40 ug/mL
							Vinyl chloride	40 ug/mL
.MSV_QC_2K_GAS_00326	10/20/25		Restek, Lot A0225328		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

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_00236	10/02/25	09/02/25	Methanol, Lot EH471	25 mL	MSV_M_MIX1SEC_00294	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_00290	1 mL	Carbon disulfide	40 ug/mL
							Methyl tert-butyl ether	40 ug/mL
					MSV_Q_Ketones_00295	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_00294	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.: 410-246092-1

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_00290	05/31/28		Restek, Lot A0225702		(Purchased Reagent)		Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_Q_Ketones_00295	04/30/27		Restek, Lot A0209876		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_LCS_VOC#1_00244	11/12/25	10/13/25	Methanol, Lot EJ274	25 mL	MSV_M_MIX1SEC_00287	1 mL	1,1,1,2-Tetrachloroethane	40 ug/mL
							1,1,1-Trichloroethane	40 ug/mL
							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.: 410-246092-1

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_00300	1 mL	Carbon disulfide	40 ug/mL
							Methyl tert-butyl ether	40 ug/mL
					MSV_Q_Ketones_00308	1 mL	2-Butanone (MEK)	500 ug/mL
							2-Hexanone	500 ug/mL
							4-Methyl-2-pentanone (MIBK)	500 ug/mL
							Acetone	500 ug/mL
.MSV_M_MIX1SEC_00287	12/31/27		Restek, Lot A0225025		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							Benzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Methylene Chloride	1000 ug/mL
							Styrene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
.MSV_M_MIX2SEC_00300	05/31/28		Restek, Lot A0225702		(Purchased Reagent)		Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_Q_Ketones_00308	04/30/27		Restek, Lot A0209876		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_V_BFB_00019							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							divinyl benzene	
							Tentatively Identified Compound	
							Total BTEX	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Total Diethylbenzene	
							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
MSV_V_SMFreon_00054	09/08/25	Restek, Lot A0197864			(Purchased Reagent)		2-Chloro-1,1,1-Trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL

Reagent

MSV_2,3,4TCB_00013

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

CERTIFICATE OF ANALYSIS

2,3,4-Trichlorobutene

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

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

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

Certified By:

Alan Murray

COA Form
Revision 5.0 (10/23)

ANAB ACCREDITED ANSI National Accreditation Board REFERENCE MATERIAL PRODUCER

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

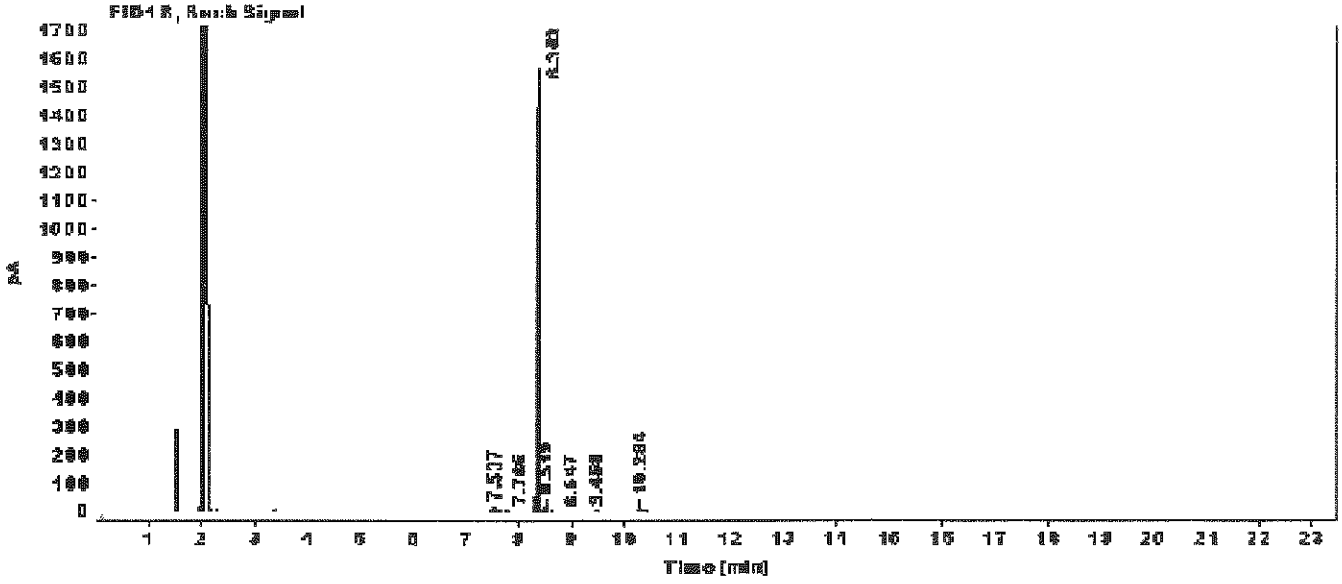
Print Date: 08/06/24

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

CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

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



Signal: FID1 B, Back Signal

RT [min]	Type	Width [min]	Area	Height	Area%
7.537	BB	0.0220	29.1728	21.2587	0.8943
7.788	BB	0.0222	8.1247	5.8468	0.2491
8.383	BB	0.0313	3082.4851	1543.4288	94.4935
8.519	BB	0.0229	70.6511	48.8153	2.1658
8.647	BV	0.0224	4.7303	3.3591	0.1450
9.468	BB	0.0215	9.6139	6.7867	0.2947
10.284	BB	0.0232	57.3349	38.7965	1.7576
		Sum	3262.1227		

ANAB ANSI National Accreditation Board ACCREDITED REFERENCE MATERIAL PRODUCER

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

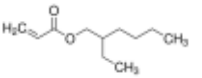
Reagent

MSV_2Eth6Acry_00001

3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

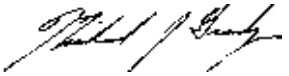
Certificate of Analysis

Product Name:
2-Ethylhexyl acrylate - 98%, contains ≥0.001-≤0.11% monomethyl ether hydroquinone as stabilizer



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

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



Michael Grady, Manager
Quality Control
Milwaukee, WI US

Reagent

MSV_3,4DC1Be_00003

Certificate of Analysis

08/23/2022(JST)

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

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

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

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

Customer Service:

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

Takuya Nishioka
Quality Assurance Department Manager

Reagent

MSV_8260_SS_01388

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

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Certificate #3222.01

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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.)

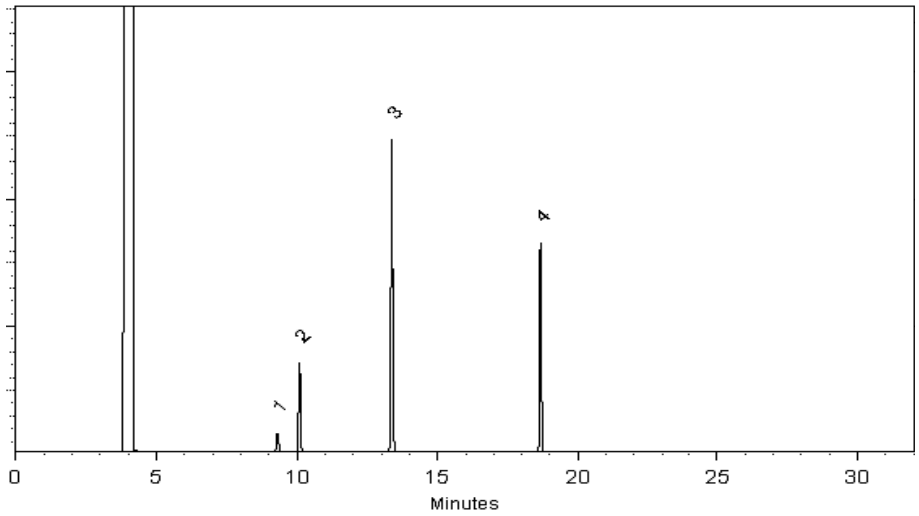
Inj. Temp:
200°C

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_01487

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

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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.)

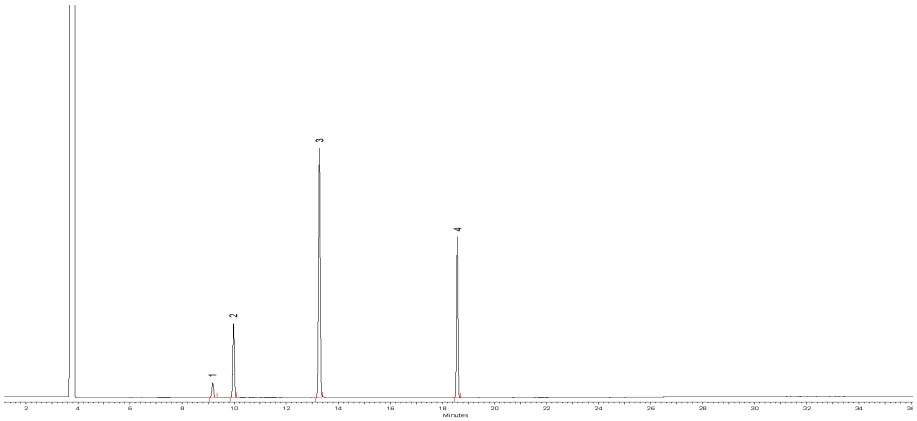
Inj. Temp:
200°C

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_c14dcb_Nt_00004

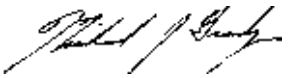
SIGMA-ALDRICH®
sigma-aldrich.com
3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
cis-1,4-Dichloro-2-butene - 95%

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

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



Michael Grady, Manager
Quality Control
Sheboygan Falls, WI US

Reagent

MSV_Cus826_IS_00709

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.)

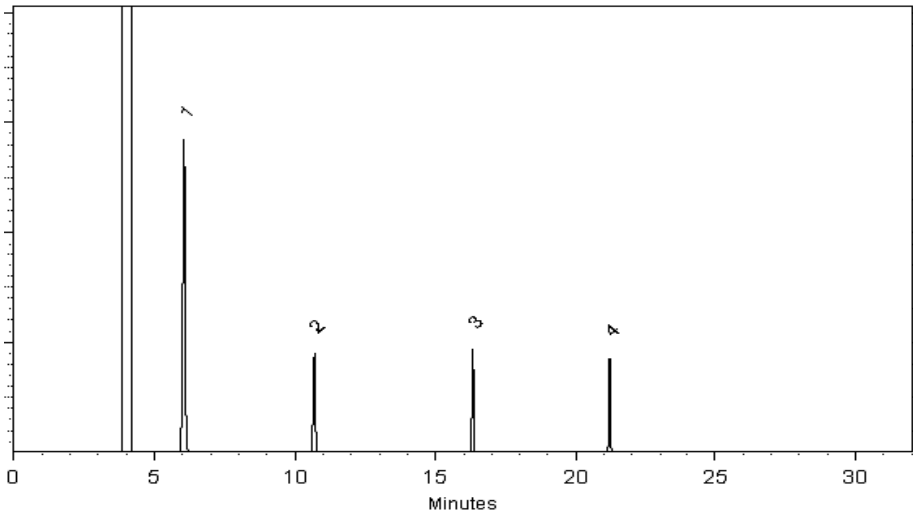
Inj. Temp:
200°C

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_00750

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

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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.)

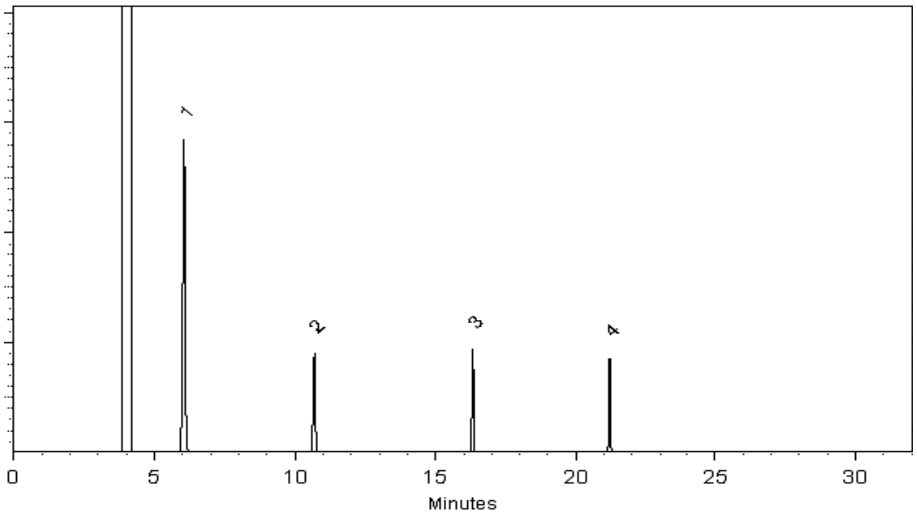
Inj. Temp:
200°C

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_00837

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ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Custom 8260A IS Mix

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

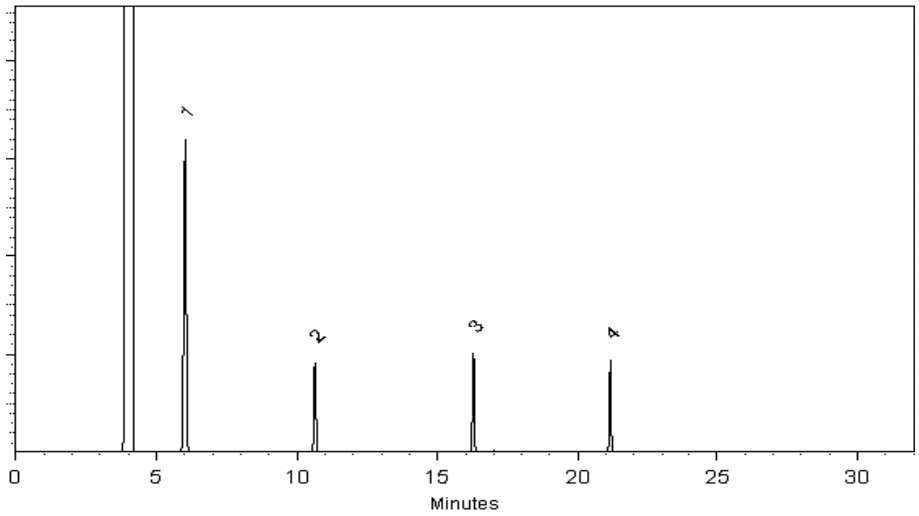
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Russ Bookhamer - Operations Technician I

Date Mixed: 20-May-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 22-May-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

Manufacturing Notes:

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

Handling Notes:

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

Reagent

MSV_Cus826_IS_00849

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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.:** A0211699

Description : Custom 8260A IS Mix

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

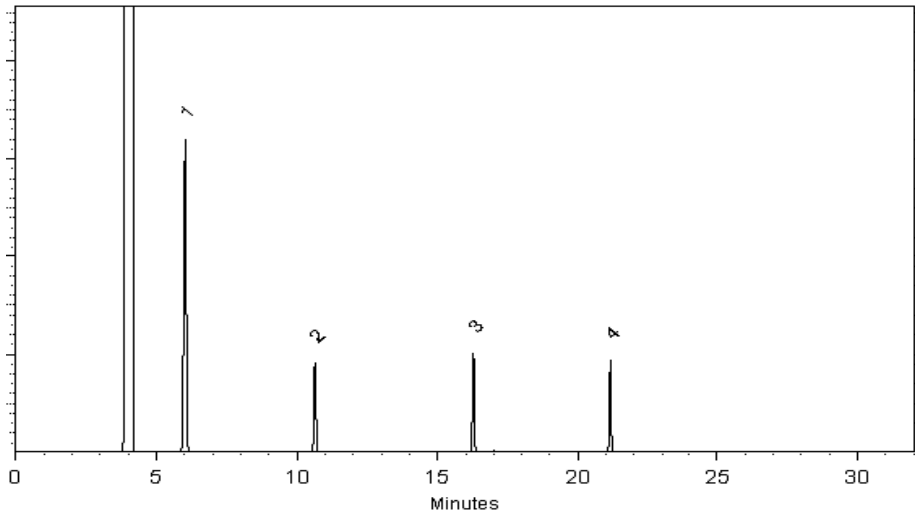
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Russ Bookhamer - Operations Technician I

Date Mixed: 20-May-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 22-May-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

  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_nButylAcr_00007

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

CERTIFICATE OF ANALYSIS

n-Butyl acrylate

CATALOG NUMBER	N-12513-1G
LOT NUMBER	14061100
DATE CERTIFIED	01/06/20
EXPIRATION DATE	01/31/26
CAS NUMBER	141-32-2
MOLECULAR FORMULA	C7H12O2
MOLECULAR WEIGHT	128.17
STORAGE	Store at room temperature (20 - 25 °C).
HANDLING	See Safety Data Sheet
INTENDED USE	For laboratory use only.

Analytical Test	Value
% PURITY (GC/FID)	99.5

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

Certified By:

Kristin R Jones

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

PJLA Testing

PJLA Reference Material Producer

COA Form
Revision 3 (3/2015)

Print Date: 01/26/23

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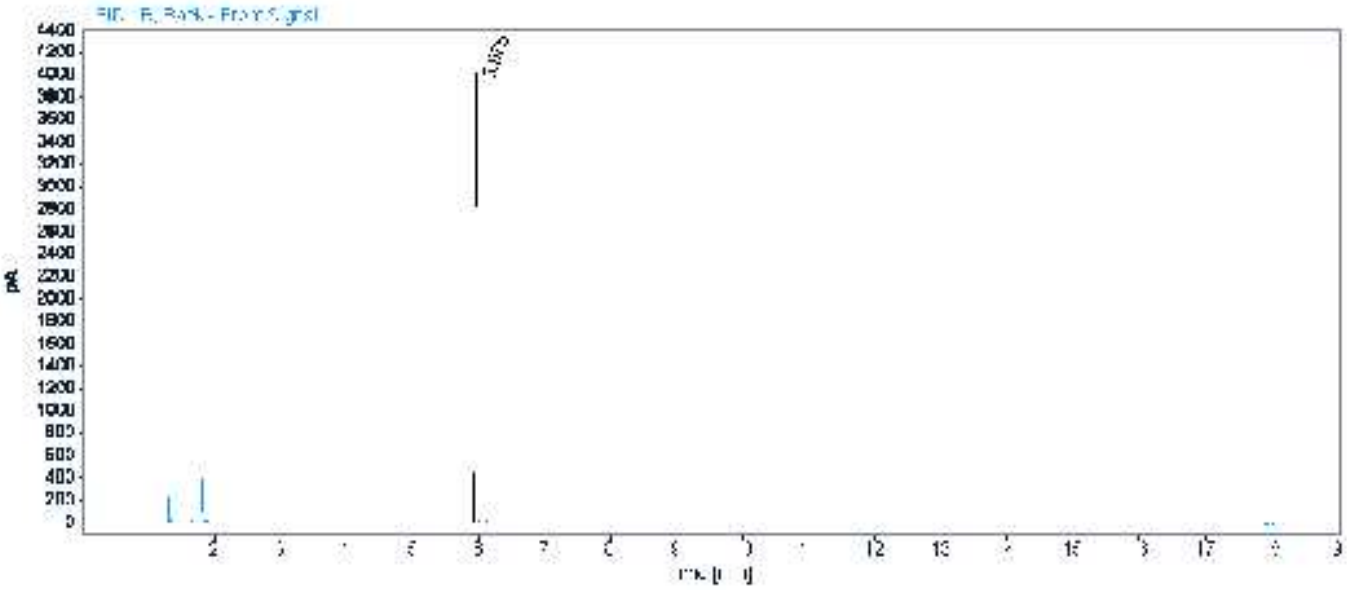
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

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



Signal: FID1 B, Back - Front Signal

RT [min]	Type	Width [min]	Area	Height	Area%
5.975	BV	0.0296	8741.1309	3980.0339	100.0000
		Sum	8741.1309		

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info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

n-Butyl acrylate

CATALOG NUMBER	N-12513-1G
LOT NUMBER	14061100
DATE CERTIFIED	01/06/20
EXPIRATION DATE	01/31/26
CAS NUMBER	141-32-2
MOLECULAR FORMULA	C7H12O2
MOLECULAR WEIGHT	128.17
STORAGE	Store at room temperature (20 - 25 °C).
HANDLING	See Safety Data Sheet
INTENDED USE	For laboratory use only.

Analytical Test	Value
% PURITY (GC/FID)	99.5

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

Certified By:

Kristin R Jones

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

PJLA Testing

PJLA Reference Material Producer

COA Form
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info@chemservice.com • www.chemservice.com

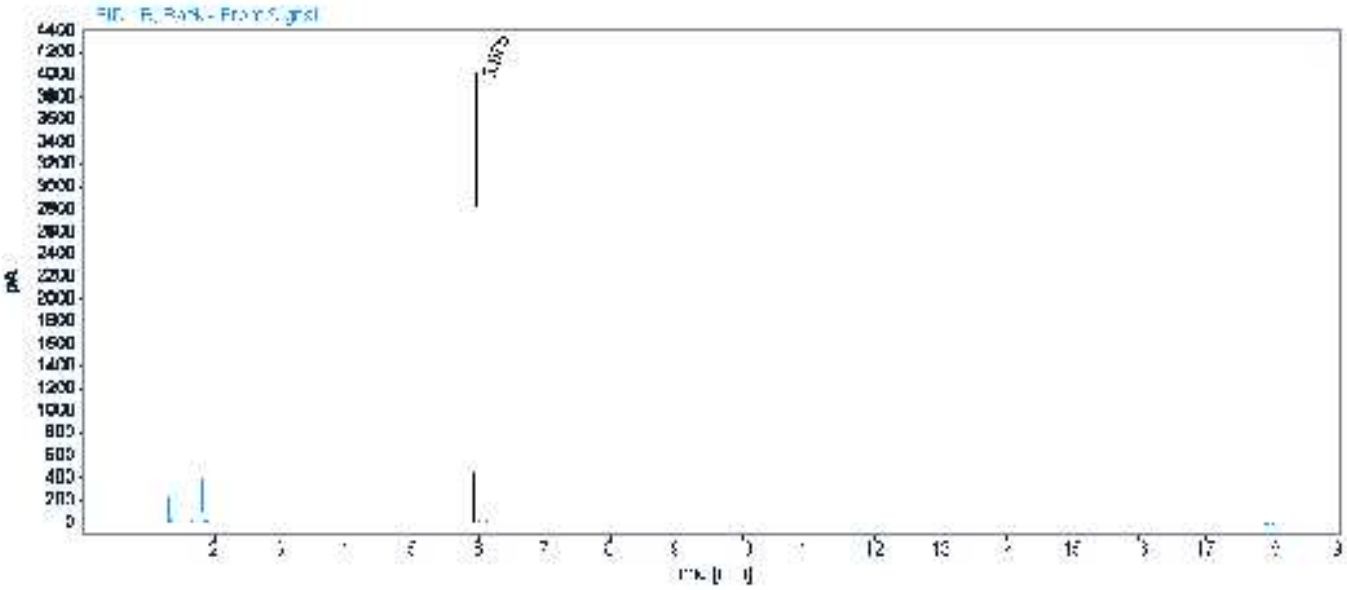
CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2020 DATA\0120\butyl acrylate.D
Sample name: Butyl acrylate
Description:

Acq. method: S-10428M1.M

Location: 204
Instrument: GC3
Injection Vol: 1.000
Injection date: 1/6/2020 9:50:14 AM
 # Of Injections: 1
Column name: HP-5ms Ultra Inert **Diameter** 250.000 **Length** 30.000 **Particle Size** 0.250



Signal: FID1 B, Back - Front Signal

RT [min]	Type	Width [min]	Area	Height	Area%
5.975	BV	0.0296	8741.1309	3980.0339	100.0000
		Sum	8741.1309		

Reagent

MSV_V_PentaCL_00068

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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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.)

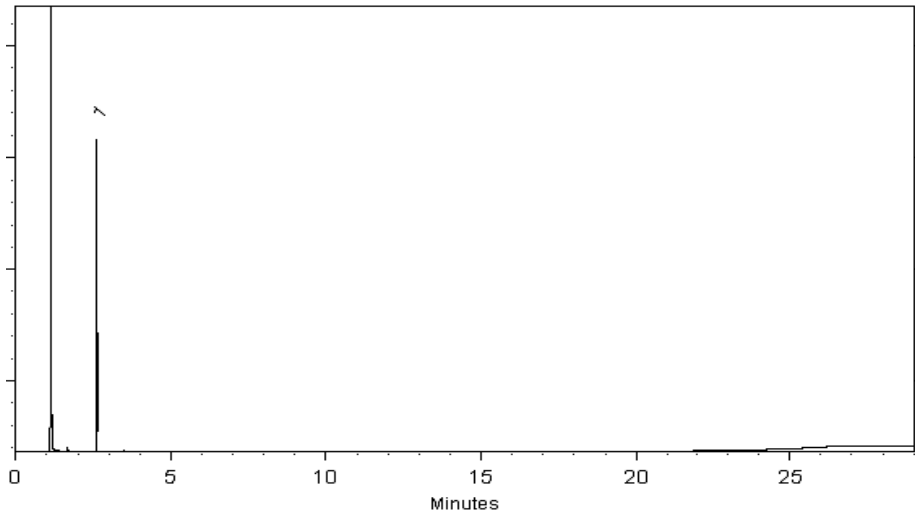
Inj. Temp:
250°C

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

Jennifer Pollino - Operations Tech III - ARM QC

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

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.
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- 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_SMFreon_00054

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

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CERTIFIED REFERENCE MATERIAL

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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. : 577490 **Lot No.:** A0197864

Description : Custom SM Freons Standard

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

Quality Confirmation Test

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

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

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

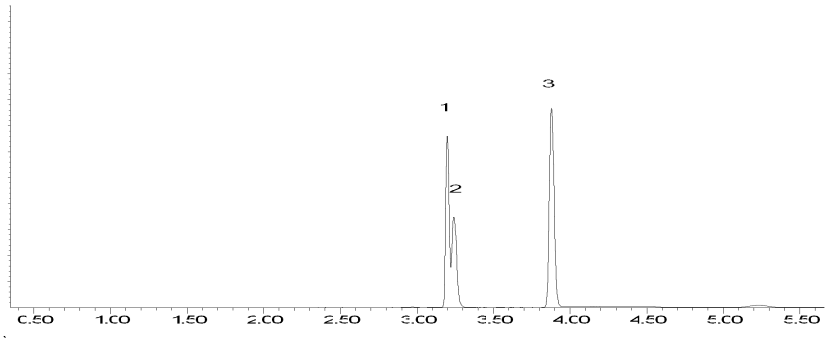
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



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

Tom Suckar - Mix Technician

Date Mixed: 09-May-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-May-2023

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

  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

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 20m ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
HD-MW-148A-72.5/73-0	410-246092-1	103	109	99	89
HD-MW-148A-136/136.5-0	410-246092-2	105	109	101	91
HD-MW-82-0/1-0	410-246092-3	105	109	101	89
HD-MW-79-0/1-0	410-246092-4	109	112	99	86
HD-MW-142S-0/1-0	410-246092-5	108	112	99	88
HD-MW-112-0/1-0	410-246092-6	106	111	101	90
HD-QC3-0/1-1	410-246092-7	105	110	100	89
HD-MW-115-0/1-0	410-246092-8	100	107	101	91
HD-QC4-0/1-2	410-246092-9	104	109	101	91
	MB 410-715287/6	102	106	101	93
	MB 410-715649/7	102	109	101	91
	LCS 410-715287/5	98	105	103	100
	LCS 410-715649/5	98	105	107	100
	LCSD 410-715649/6	98	103	104	99
HD-MW-79-0/1-0 MS MS	410-246092-4 MS	98	106	109	103
HD-MW-79-0/1-0 MSD MSD	410-246092-4 MSD	97	105	107	102

	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.: 410-246092-1

SDG No.:

Matrix: Water Level: Low Lab File ID: EC16X54.D

Lab ID: LCS 410-715287/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	21.5	108	79-120	
1,1,1-Trichloroethane	20.0	21.8	109	73-120	
1,1,2,2-Tetrachloroethane	20.0	20.3	101	72-120	
1,1,2-Trichloroethane	20.0	20.6	103	80-120	
1,1-Dichloroethane	20.0	22.2	111	80-120	
1,1-Dichloroethene	20.0	22.6	113	80-131	
1,2-Dibromoethane (EDB)	20.0	20.1	100	77-120	
1,2-Dichloroethane	20.0	20.1	101	73-124	
1,2-Dichloropropane	20.0	21.7	109	80-120	
2-Butanone (MEK)	250	251	100	59-135	
2-Hexanone	250	271	109	56-135	
4-Methyl-2-pentanone (MIBK)	250	265	106	62-133	
Acetone	250	223	89	57-143	
Benzene	20.0	21.3	106	80-120	
Bromochloromethane	20.0	20.0	100	80-120	
Bromodichloromethane	20.0	20.6	103	71-120	
Bromoform	20.0	18.6	93	51-120	
Bromomethane	20.0	16.8	84	53-128	
Carbon disulfide	20.0	19.7	98	65-128	
Carbon tetrachloride	20.0	22.4	112	64-134	
Chlorobenzene	20.0	20.0	100	80-120	
Chloroethane	20.0	17.7	88	55-123	
Chloroform	20.0	20.8	104	80-120	
Chloromethane	20.0	24.8	124	39-134	
cis-1,2-Dichloroethene	20.0	20.3	102	80-125	
cis-1,3-Dichloropropene	20.0	19.1	96	75-120	
Dibromochloromethane	20.0	19.6	98	71-120	
Ethylbenzene	20.0	20.1	100	80-120	
Methyl tert-butyl ether	20.0	18.7	94	69-122	
Methylene Chloride	20.0	21.1	105	80-120	
Styrene	20.0	19.4	97	80-120	
Tetrachloroethene	20.0	20.4	102	80-120	
Toluene	20.0	20.6	103	80-120	
trans-1,2-Dichloroethene	20.0	20.4	102	80-126	
trans-1,3-Dichloropropene	20.0	20.4	102	67-120	
Trichloroethene	20.0	20.4	102	80-120	
Vinyl chloride	20.0	18.8	94	56-120	
Xylenes, Total	60.0	58.1	97	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.: 410-246092-1

SDG No.:

Matrix: Water Level: Low Lab File ID: EC17X04.D

Lab ID: LCS 410-715649/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	21.7	108	79-120	
1,1,1-Trichloroethane	20.0	21.4	107	73-120	
1,1,2,2-Tetrachloroethane	20.0	21.0	105	72-120	
1,1,2-Trichloroethane	20.0	21.2	106	80-120	
1,1-Dichloroethane	20.0	22.2	111	80-120	
1,1-Dichloroethene	20.0	21.3	107	80-131	
1,2-Dibromoethane (EDB)	20.0	20.0	100	77-120	
1,2-Dichloroethane	20.0	20.1	101	73-124	
1,2-Dichloropropane	20.0	21.7	108	80-120	
2-Butanone (MEK)	250	261	104	59-135	
2-Hexanone	250	276	110	56-135	
4-Methyl-2-pentanone (MIBK)	250	263	105	62-133	
Acetone	250	270	108	57-143	
Benzene	20.0	20.8	104	80-120	
Bromochloromethane	20.0	19.9	99	80-120	
Bromodichloromethane	20.0	20.3	101	71-120	
Bromoform	20.0	19.6	98	51-120	
Bromomethane	20.0	16.5	82	53-128	
Carbon disulfide	20.0	20.2	101	65-128	
Carbon tetrachloride	20.0	20.8	104	64-134	
Chlorobenzene	20.0	20.3	102	80-120	
Chloroethane	20.0	17.8	89	55-123	
Chloroform	20.0	21.2	106	80-120	
Chloromethane	20.0	22.7	113	39-134	
cis-1,2-Dichloroethene	20.0	20.4	102	80-125	
cis-1,3-Dichloropropene	20.0	19.3	96	75-120	
Dibromochloromethane	20.0	20.8	104	71-120	
Ethylbenzene	20.0	19.7	99	80-120	
Methyl tert-butyl ether	20.0	18.2	91	69-122	
Methylene Chloride	20.0	21.7	108	80-120	
Styrene	20.0	19.1	96	80-120	
Tetrachloroethene	20.0	19.4	97	80-120	
Toluene	20.0	20.7	103	80-120	
trans-1,2-Dichloroethene	20.0	20.4	102	80-126	
trans-1,3-Dichloropropene	20.0	20.7	103	67-120	
Trichloroethene	20.0	20.1	101	80-120	
Vinyl chloride	20.0	17.4	87	56-120	
Xylenes, Total	60.0	58.0	97	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Matrix: Water Level: Low Lab File ID: EC17X05.D

Lab ID: LCSD 410-715649/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	21.4	107	1	30	79-120	
1,1,1-Trichloroethane	20.0	21.0	105	2	30	73-120	
1,1,2,2-Tetrachloroethane	20.0	20.9	104	0	30	72-120	
1,1,2-Trichloroethane	20.0	20.4	102	4	30	80-120	
1,1-Dichloroethane	20.0	21.8	109	2	30	80-120	
1,1-Dichloroethene	20.0	20.8	104	2	30	80-131	
1,2-Dibromoethane (EDB)	20.0	19.6	98	2	30	77-120	
1,2-Dichloroethane	20.0	19.8	99	2	30	73-124	
1,2-Dichloropropane	20.0	21.3	107	2	30	80-120	
2-Butanone (MEK)	250	283	113	8	30	59-135	
2-Hexanone	250	284	114	3	30	56-135	
4-Methyl-2-pentanone (MIBK)	250	257	103	2	30	62-133	
Acetone	250	338	135	22	30	57-143	
Benzene	20.0	20.7	103	1	30	80-120	
Bromochloromethane	20.0	19.2	96	3	30	80-120	
Bromodichloromethane	20.0	20.4	102	1	30	71-120	
Bromoform	20.0	19.0	95	3	30	51-120	
Bromomethane	20.0	16.3	81	1	30	53-128	
Carbon disulfide	20.0	19.4	97	4	30	65-128	
Carbon tetrachloride	20.0	20.8	104	0	30	64-134	
Chlorobenzene	20.0	19.9	100	2	30	80-120	
Chloroethane	20.0	17.4	87	2	30	55-123	
Chloroform	20.0	20.6	103	3	30	80-120	
Chloromethane	20.0	22.6	113	0	30	39-134	
cis-1,2-Dichloroethene	20.0	20.9	105	3	30	80-125	
cis-1,3-Dichloropropene	20.0	19.0	95	2	30	75-120	
Dibromochloromethane	20.0	19.8	99	5	30	71-120	
Ethylbenzene	20.0	19.6	98	1	30	80-120	
Methyl tert-butyl ether	20.0	18.0	90	1	30	69-122	
Methylene Chloride	20.0	21.0	105	3	30	80-120	
Styrene	20.0	19.0	95	1	30	80-120	
Tetrachloroethene	20.0	19.6	98	1	30	80-120	
Toluene	20.0	20.4	102	2	30	80-120	
trans-1,2-Dichloroethene	20.0	20.3	101	1	30	80-126	
trans-1,3-Dichloropropene	20.0	19.8	99	4	30	67-120	
Trichloroethene	20.0	20.2	101	0	30	80-120	
Vinyl chloride	20.0	17.7	89	2	30	56-120	
Xylenes, Total	60.0	58.0	97	0	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Matrix: Water Level: Low Lab File ID: EC17X17.D

Lab ID: 410-246092-4 MS Client ID: HD-MW-79-0/1-0 MS MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	ND	23.4	117	75-120	
1,1,1-Trichloroethane	20.0	ND	23.0	115	68-120	
1,1,2,2-Tetrachloroethane	20.0	ND	20.8	104	71-122	
1,1,2-Trichloroethane	20.0	ND	21.6	108	80-120	
1,1-Dichloroethane	20.0	1.7	24.8	115	74-120	
1,1-Dichloroethene	20.0	ND	23.1	115	74-121	
1,2-Dibromoethane (EDB)	20.0	ND	20.2	101	80-120	
1,2-Dichloroethane	20.0	ND	19.9	100	69-120	
1,2-Dichloropropane	20.0	ND	21.7	109	77-120	
2-Butanone (MEK)	250	ND	240	96	65-131	
2-Hexanone	250	ND	271	108	67-132	
4-Methyl-2-pentanone (MIBK)	250	ND	254	102	66-129	
Acetone	250	ND	235	94	58-141	
Benzene	20.0	ND	21.9	110	81-120	
Bromochloromethane	20.0	ND	20.2	101	76-126	
Bromodichloromethane	20.0	ND	20.8	104	73-120	
Bromoform	20.0	ND	19.5	98	64-125	
Bromomethane	20.0	ND	17.6	88	43-128	
Carbon disulfide	20.0	ND	22.1	111	75-132	
Carbon tetrachloride	20.0	ND	23.8	119	63-128	
Chlorobenzene	20.0	ND	21.2	106	80-120	
Chloroethane	20.0	ND	19.8	99	60-121	
Chloroform	20.0	ND	22.1	111	74-120	
Chloromethane	20.0	ND	26.0	130	49-126	FH
cis-1,2-Dichloroethene	20.0	1.7	23.5	109	81-121	
cis-1,3-Dichloropropene	20.0	ND	18.0	90	71-120	
Dibromochloromethane	20.0	ND	20.6	103	74-120	
Ethylbenzene	20.0	ND	21.5	108	78-120	
Methyl tert-butyl ether	20.0	ND	17.4	87	75-120	
Methylene Chloride	20.0	ND	21.9	109	77-120	
Styrene	20.0	ND	20.1	101	78-120	
Tetrachloroethene	20.0	ND	21.9	110	68-125	
Toluene	20.0	ND	22.3	111	79-120	
trans-1,2-Dichloroethene	20.0	ND	22.1	110	74-120	
trans-1,3-Dichloropropene	20.0	ND	20.4	102	72-120	
Trichloroethene	20.0	ND	21.5	108	76-120	
Vinyl chloride	20.0	ND	20.0	100	52-120	
Xylenes, Total	60.0	ND	62.7	104	78-120	

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.: 410-246092-1

SDG No.:

Matrix: Water Level: Low Lab File ID: EC17X18.D

Lab ID: 410-246092-4 MSD Client ID: HD-MW-79-0/1-0 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	20.0	22.3	111	5	30	75-120	
1,1,1-Trichloroethane	20.0	23.1	116	0	30	68-120	
1,1,2,2-Tetrachloroethane	20.0	20.4	102	2	30	71-122	
1,1,2-Trichloroethane	20.0	20.8	104	4	30	80-120	
1,1-Dichloroethane	20.0	25.3	118	2	30	74-120	
1,1-Dichloroethene	20.0	24.0	120	4	30	74-121	
1,2-Dibromoethane (EDB)	20.0	19.6	98	3	30	80-120	
1,2-Dichloroethane	20.0	19.7	99	1	30	69-120	
1,2-Dichloropropane	20.0	21.9	109	1	30	77-120	
2-Butanone (MEK)	250	240	96	0	30	65-131	
2-Hexanone	250	266	106	2	30	67-132	
4-Methyl-2-pentanone (MIBK)	250	254	102	0	30	66-129	
Acetone	250	227	91	4	30	58-141	
Benzene	20.0	22.1	111	1	30	81-120	
Bromochloromethane	20.0	20.2	101	0	30	76-126	
Bromodichloromethane	20.0	20.7	104	1	30	73-120	
Bromoform	20.0	19.5	97	0	30	64-125	
Bromomethane	20.0	17.7	89	1	30	43-128	
Carbon disulfide	20.0	20.7	104	7	30	75-132	
Carbon tetrachloride	20.0	23.3	117	2	30	63-128	
Chlorobenzene	20.0	21.2	106	0	30	80-120	
Chloroethane	20.0	19.9	99	0	30	60-121	
Chloroform	20.0	21.6	108	2	30	74-120	
Chloromethane	20.0	25.7	128	1	30	49-126	FH
cis-1,2-Dichloroethene	20.0	23.3	108	1	30	81-121	
cis-1,3-Dichloropropene	20.0	18.6	93	3	30	71-120	
Dibromochloromethane	20.0	20.4	102	1	30	74-120	
Ethylbenzene	20.0	21.7	109	1	30	78-120	
Methyl tert-butyl ether	20.0	17.7	88	2	30	75-120	
Methylene Chloride	20.0	21.7	109	1	30	77-120	
Styrene	20.0	20.1	100	0	30	78-120	
Tetrachloroethene	20.0	21.9	110	0	30	68-125	
Toluene	20.0	22.0	110	1	30	79-120	
trans-1,2-Dichloroethene	20.0	22.7	114	3	30	74-120	
trans-1,3-Dichloropropene	20.0	20.6	103	1	30	72-120	
Trichloroethene	20.0	21.4	107	1	30	76-120	
Vinyl chloride	20.0	20.2	101	1	30	52-120	
Xylenes, Total	60.0	62.8	105	0	30	78-120	

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.: 410-246092-1

SDG No.:

Lab File ID: EC16X55.D Lab Sample ID: MB 410-715287/6

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

Instrument ID: 15648 Date Analyzed: 10/16/2025 20:20

GC Column: DB-624 20m ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 410-715287/5	EC16X54.D	10/16/2025 20:00
HD-QC4-0/1-2	410-246092-9	EC16X57.D	10/16/2025 21:00
HD-MW-148A-72.5/73-0	410-246092-1	EC16X64.D	10/16/2025 23:18
HD-MW-148A-136/136.5-0	410-246092-2	EC16X65.D	10/16/2025 23:38
HD-MW-82-0/1-0	410-246092-3	EC16X66.D	10/16/2025 23:58
HD-MW-142S-0/1-0	410-246092-5	EC16X67.D	10/17/2025 00:18
HD-MW-112-0/1-0	410-246092-6	EC16X68.D	10/17/2025 00:38
HD-QC3-0/1-1	410-246092-7	EC16X69.D	10/17/2025 00:58

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Lab File ID: EC17X06.D Lab Sample ID: MB 410-715649/7

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

Instrument ID: 15648 Date Analyzed: 10/17/2025 11:16

GC Column: DB-624 20m ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 410-715649/5	EC17X04.D	10/17/2025 10:36
	LCSD 410-715649/6	EC17X05.D	10/17/2025 10:56
HD-MW-79-0/1-0	410-246092-4	EC17X16.D	10/17/2025 15:01
HD-MW-79-0/1-0 MS MS	410-246092-4 MS	EC17X17.D	10/17/2025 15:21
HD-MW-79-0/1-0 MSD MSD	410-246092-4 MSD	EC17X18.D	10/17/2025 15:40
HD-MW-115-0/1-0	410-246092-8	EC17X25.D	10/17/2025 17:59

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Lab File ID: ES02T01.D BFB Injection Date: 09/02/2025

Instrument ID: 15648 BFB Injection Time: 23:06

Analysis Batch No.: 693589

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	100.0 (125.5) 1
96	5 - 9% of m/z 95	6.4
173	Less than 2% of m/z 174	0.0 (0.0) 1
174	50 - 200% of m/z 95	79.7
175	5 - 9% of m/z 174	6.3 (7.8) 1
176	95 -105% of m/z 174	77.2 (96.9) 1
177	5 - 10% of m/z 176	5.1 (6.5) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 410-693589/3	ES02X02.D	09/02/2025	23:43
	IC 410-693589/4	ES02X03.D	09/03/2025	0:03
	IC 410-693589/5	ES02X04.D	09/03/2025	0:23
	IC 410-693589/6	ES02X05.D	09/03/2025	0:42
	IC 410-693589/7	ES02X06.D	09/03/2025	1:02
	IC 410-693589/8	ES02X07.D	09/03/2025	1:22
	IC 410-693589/12	ES02X11.D	09/03/2025	2:42
	IC 410-693589/13	ES02X12.D	09/03/2025	3:01
	IC 410-693589/14	ES02X13.D	09/03/2025	3:21
	IC 410-693589/15	ES02X14.D	09/03/2025	3:41
	ICIS 410-693589/16	ES02X15.D	09/03/2025	4:01
	IC 410-693589/17	ES02X16.D	09/03/2025	4:21
	IC 410-693589/18	ES02X17.D	09/03/2025	4:40

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Lab File ID: ES04T01.D BFB Injection Date: 09/04/2025

Instrument ID: 15648 BFB Injection Time: 08:51

Analysis Batch No.: 694491

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
95	50 - 200% of m/z 174	100.0	(124.9) 1
96	5 - 9% of m/z 95	6.5	
173	Less than 2% of m/z 174	0.0	(0.0) 1
174	50 - 200% of m/z 95	80.1	
175	5 - 9% of m/z 174	6.4	(8.0) 1
176	95 -105% of m/z 174	78.0	(97.4) 1
177	5 - 10% of m/z 176	5.1	(6.5) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICV 410-694491/1004	-ES04X03-ICV.d	09/04/2025	9:47

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Lab File ID: EC16T51.D BFB Injection Date: 10/16/2025

Instrument ID: 15648 BFB Injection Time: 18:49

Analysis Batch No.: 715287

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	100.0 (132.5) 1
96	5 - 9% of m/z 95	6.4
173	Less than 2% of m/z 174	0.0 (0.0) 1
174	50 - 200% of m/z 95	75.5
175	5 - 9% of m/z 174	6.5 (8.6) 1
176	95 -105% of m/z 174	72.7 (96.3) 1
177	5 - 10% of m/z 176	4.8 (6.7) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 410-715287/3	EC16X52.D	10/16/2025	19:20
	LCS 410-715287/5	EC16X54.D	10/16/2025	20:00
	MB 410-715287/6	EC16X55.D	10/16/2025	20:20
HD-QC4-0/1-2	410-246092-9	EC16X57.D	10/16/2025	21:00
HD-MW-148A-72.5/73-0	410-246092-1	EC16X64.D	10/16/2025	23:18
HD-MW-148A-136/136.5-0	410-246092-2	EC16X65.D	10/16/2025	23:38
HD-MW-82-0/1-0	410-246092-3	EC16X66.D	10/16/2025	23:58
HD-MW-142S-0/1-0	410-246092-5	EC16X67.D	10/17/2025	0:18
HD-MW-112-0/1-0	410-246092-6	EC16X68.D	10/17/2025	0:38
HD-QC3-0/1-1	410-246092-7	EC16X69.D	10/17/2025	0:58

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Lab File ID: EC17T01.D BFB Injection Date: 10/17/2025

Instrument ID: 15648 BFB Injection Time: 09:13

Analysis Batch No.: 715649

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	100.0 (133.6) 1
96	5 - 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.0 (0.0) 1
174	50 - 200% of m/z 95	74.8
175	5 - 9% of m/z 174	6.6 (8.8) 1
176	95 -105% of m/z 174	72.9 (97.4) 1
177	5 - 10% of m/z 176	4.9 (6.8) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 410-715649/3	EC17X02.D	10/17/2025	9:57
	LCS 410-715649/5	EC17X04.D	10/17/2025	10:36
	LCSD 410-715649/6	EC17X05.D	10/17/2025	10:56
	MB 410-715649/7	EC17X06.D	10/17/2025	11:16
HD-MW-79-0/1-0	410-246092-4	EC17X16.D	10/17/2025	15:01
HD-MW-79-0/1-0 MS MS	410-246092-4 MS	EC17X17.D	10/17/2025	15:21
HD-MW-79-0/1-0 MSD MSD	410-246092-4 MSD	EC17X18.D	10/17/2025	15:40
HD-MW-115-0/1-0	410-246092-8	EC17X25.D	10/17/2025	17:59

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Sample No.: ICIS 410-693589/16 Date Analyzed: 09/03/2025 04:01

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm)

Lab File ID (Standard): ES02X15.D Heated Purge: (Y/N) N

Calibration ID: 76275

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		192585	2.17	1019414	4.34	747385	7.52
UPPER LIMIT		385170	2.67	2038828	4.84	1494770	8.02
LOWER LIMIT		96293	1.67	509707	3.84	373693	7.02
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-694491/1004		208495	2.18	1057639	4.34	769988	7.52
CCVIS 410-715287/3		223994	2.17	1136217	4.33	797480	7.52
CCVIS 410-715649/3		242953	2.17	1071659	4.33	733109	7.52

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.: 410-246092-1

SDG No.:

Sample No.: ICIS 410-693589/16 Date Analyzed: 09/03/2025 04:01

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm)

Lab File ID (Standard): ES02X15.D Heated Purge: (Y/N) N

Calibration ID: 76275

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		417118	9.50				
UPPER LIMIT		834236	10.00				
LOWER LIMIT		208559	9.00				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-694491/1004		422554	9.50				
CCVIS 410-715287/3		448392	9.50				
CCVIS 410-715649/3		407506	9.50				

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.: 410-246092-1

SDG No.:

Sample No.: CCVIS 410-715287/3 Date Analyzed: 10/16/2025 19:20

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm)

Lab File ID (Standard): EC16X52.D Heated Purge: (Y/N) N

Calibration ID: 76275

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		223994	2.17	1136217	4.33	797480	7.52
UPPER LIMIT		447988	2.67	2272434	4.83	1594960	8.02
LOWER LIMIT		111997	1.67	568109	3.83	398740	7.02
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-715287/5		224932	2.17	1128430	4.33	808318	7.52
MB 410-715287/6		215111	2.17	1076217	4.33	766164	7.52
410-246092-9	HD-QC4-0/1-2	214954	2.17	1053625	4.33	759217	7.52
410-246092-1	HD-MW-148A-72.5/73-0	226600	2.17	1131967	4.33	817181	7.52
410-246092-2	HD-MW-148A-136/136.5-0	205115	2.16	1027836	4.33	725141	7.52
410-246092-3	HD-MW-82-0/1-0	197704	2.17	1022332	4.33	726891	7.52
410-246092-5	HD-MW-142S-0/1-0	204908	2.18	1016460	4.33	737850	7.52
410-246092-6	HD-MW-112-0/1-0	227008	2.17	1114908	4.33	797368	7.52
410-246092-7	HD-QC3-0/1-1	213259	2.17	1059258	4.32	755447	7.52

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.: 410-246092-1

SDG No.:

Sample No.: CCVIS 410-715287/3 Date Analyzed: 10/16/2025 19:20

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm)

Lab File ID (Standard): EC16X52.D Heated Purge: (Y/N) N

Calibration ID: 76275

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		448392	9.50				
UPPER LIMIT		896784	10.00				
LOWER LIMIT		224196	9.00				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-715287/5		447837	9.50				
MB 410-715287/6		382731	9.50				
410-246092-9	HD-QC4-0/1-2	394213	9.50				
410-246092-1	HD-MW-148A-72.5/73-0	411598	9.50				
410-246092-2	HD-MW-148A-136/136.5-0	367000	9.50				
410-246092-3	HD-MW-82-0/1-0	364811	9.50				
410-246092-5	HD-MW-142S-0/1-0	365547	9.50				
410-246092-6	HD-MW-112-0/1-0	406917	9.50				
410-246092-7	HD-QC3-0/1-1	384977	9.50				

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.: 410-246092-1

SDG No.:

Sample No.: CCVIS 410-715649/3 Date Analyzed: 10/17/2025 09:57

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm)

Lab File ID (Standard): EC17X02.D Heated Purge: (Y/N) N

Calibration ID: 76275

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		242953	2.17	1071659	4.33	733109	7.52
UPPER LIMIT		485906	2.67	2143318	4.83	1466218	8.02
LOWER LIMIT		121477	1.67	535830	3.83	366555	7.02
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-715649/5		209098	2.16	1085244	4.32	765449	7.52
LCSD 410-715649/6		206898	2.17	1109205	4.32	783009	7.52
MB 410-715649/7		215103	2.16	1095129	4.33	772432	7.52
410-246092-4	HD-MW-79-0/1-0	216171	2.17	1034808	4.33	744697	7.52
410-246092-4 MS	HD-MW-79-0/1-0 MS MS	211272	2.18	1128818	4.33	768865	7.52
410-246092-4 MSD	HD-MW-79-0/1-0 MSD MSD	225745	2.17	1162817	4.33	807210	7.52
410-246092-8	HD-MW-115-0/1-0	217493	2.16	1073811	4.33	735477	7.52

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.: 410-246092-1

SDG No.:

Sample No.: CCVIS 410-715649/3 Date Analyzed: 10/17/2025 09:57

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm)

Lab File ID (Standard): EC17X02.D Heated Purge: (Y/N) N

Calibration ID: 76275

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		407506	9.50				
UPPER LIMIT		815012	10.00				
LOWER LIMIT		203753	9.00				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-715649/5		422883	9.50				
LCSD 410-715649/6		421229	9.50				
MB 410-715649/7		393574	9.50				
410-246092-4	HD-MW-79-0/1-0	370022	9.50				
410-246092-4 MS	HD-MW-79-0/1-0 MS MS	433194	9.50				
410-246092-4 MSD	HD-MW-79-0/1-0 MSD MSD	451378	9.50				
410-246092-8	HD-MW-115-0/1-0	366505	9.50				

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.: 410-246092-1

SDG No.:

Client Sample ID: HD-MW-148A-72.5/73-0
Lab Sample ID: 410-246092-1

Matrix: Water
Lab File ID: EC16X64.D

Analysis Method: 8260D
Date Collected: 10/06/2025 10:27

Sample wt/vol: 5(mL)
Date Analyzed: 10/16/2025 23:18

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715287
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND	^c cn	2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID: HD-MW-148A-72.5/73-0
Lab Sample ID: 410-246092-1

Matrix: Water
Lab File ID: EC16X64.D

Analysis Method: 8260D
Date Collected: 10/06/2025 10:27

Sample wt/vol: 5(mL)
Date Analyzed: 10/16/2025 23:18

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715287
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		80-120
460-00-4	4-Bromofluorobenzene (Surr)	89		80-120
1868-53-7	Dibromofluoromethane (Surr)	103		80-120
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X64.D
Lims ID: 410-246092-A-1
Client ID: HD-MW-148A-72.5/73-0
Sample Type: Client
Inject. Date: 16-Oct-2025 23:18:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163464-015
Operator ID: MCD07824 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 12:38:55 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1609

First Level Reviewer: N9NA Date: 17-Oct-2025 12:38:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		1.183				ND	
6 Vinyl chloride	62		1.244				ND	
9 Chloroethane	64		1.421				ND	
8 Bromomethane	94		1.421				ND	
17 1,1-Dichloroethene	96		1.841				ND	
18 Acetone	58		1.860				ND	U
23 Carbon disulfide	76		2.000				ND	
28 Methylene Chloride	84		2.158				ND	
* 27 t-Butyl alcohol-d10 (IS)	65	2.165	2.165	0.000	31	226600	250.0	
32 trans-1,2-Dichloroethene	96		2.372				ND	
33 Methyl tert-butyl ether	73		2.378				ND	
35 1,1-Dichloroethane	63		2.713				ND	
40 cis-1,2-Dichloroethene	96		3.238				ND	
41 2-Butanone (MEK)	43		3.238				ND	7
47 Chlorobromomethane	128		3.451				ND	
49 Chloroform	83		3.530				ND	
$ 50 Dibromofluoromethane (Surr)	113	3.677	3.676	0.001	92	276567	51.6	
51 1,1,1-Trichloroethane	97		3.713				ND	
59 Carbon tetrachloride	117		3.872				ND	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	3.987	3.994	-0.007	80	424403	54.4	
84 Benzene	78		4.054				ND	7
85 1,2-Dichloroethane	62		4.067				ND	7
* 88 Fluorobenzene (IS)	96	4.329	4.329	0.000	98	1131967	50.0	
97 Trichloroethene	95		4.701				ND	
100 1,2-Dichloropropane	63		4.914				ND	
106 Dichlorobromomethane	83		5.207				ND	
109 cis-1,3-Dichloropropene	75		5.682				ND	
110 4-Methyl-2-pentanone (MIBK)	43		5.865				ND	7
$ 111 Toluene-d8 (Surr)	98	5.963	5.969	-0.006	95	1133896	49.3	
112 Toluene	92		6.036				ND	
114 trans-1,3-Dichloropropene	75		6.286				ND	
116 1,1,2-Trichloroethane	97		6.475				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
117 Tetrachloroethene	166		6.627				ND	
121 2-Hexanone	43		6.786				ND	
122 Chlorodibromomethane	129		6.895				ND	
124 Ethylene Dibromide	107		7.005				ND	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.517	0.000	90	817181	50.0	
127 Chlorobenzene	112		7.548				ND	7
129 1,1,1,2-Tetrachloroethane	131		7.639				ND	
130 Ethylbenzene	91		7.676				ND	
132 m-Xylene & p-Xylene	106		7.798				ND	
133 o-Xylene	106		8.157				ND	
135 Styrene	104		8.170				ND	
136 Bromoform	173		8.304				ND	
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	85	377094	44.3	
143 1,1,2,2-Tetrachloroethane	83		8.730				ND	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	97	411598	50.0	
S 176 Xylenes, Total	106		11.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00048 Amount Added: 5.00 Units: uL Run Reagent

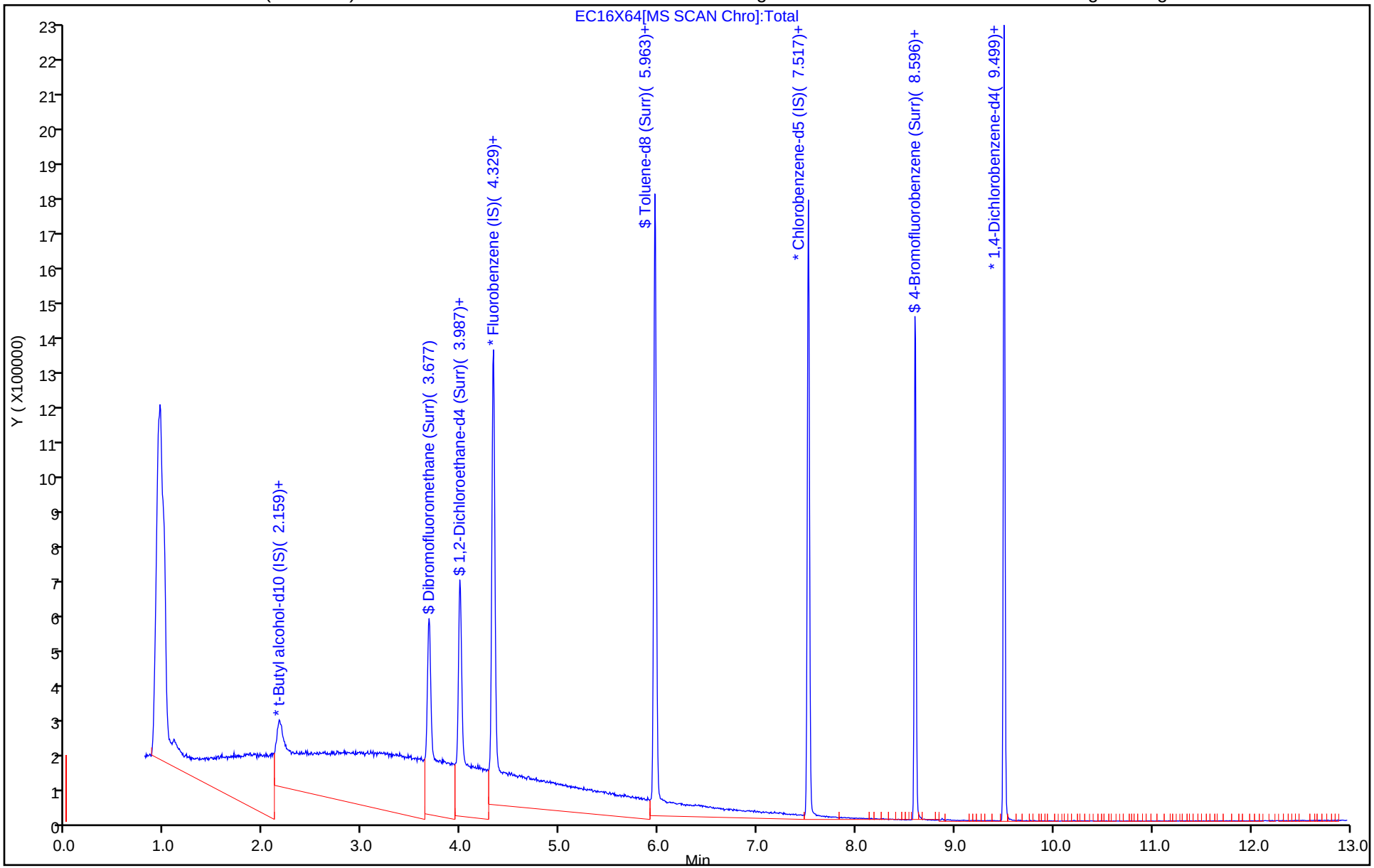
Report Date: 17-Oct-2025 12:38:56 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X64.D

Injection Date:	16-Oct-2025 23:18:30	Instrument ID:	15648	Operator ID:	MCD07824
Lims ID:	410-246092-A-1	Lab Sample ID:	410-246092-1	Worklist Smp#:	15
Client ID:	HD-MW-148A-72.5/73-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X64.D
Lims ID: 410-246092-A-1
Client ID: HD-MW-148A-72.5/73-0
Sample Type: Client
Inject. Date: 16-Oct-2025 23:18:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163464-015
Operator ID: MCD07824 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 12:38:55 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1609

First Level Reviewer: N9NA Date: 17-Oct-2025 12:38:55

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	51.6	103.20
$ 79 1,2-Dichloroethane-d4 (Surr)	50.0	54.4	108.85
$ 111 Toluene-d8 (Surr)	50.0	49.3	98.54
$ 140 4-Bromofluorobenzene (Surr)	50.0	44.3	88.61

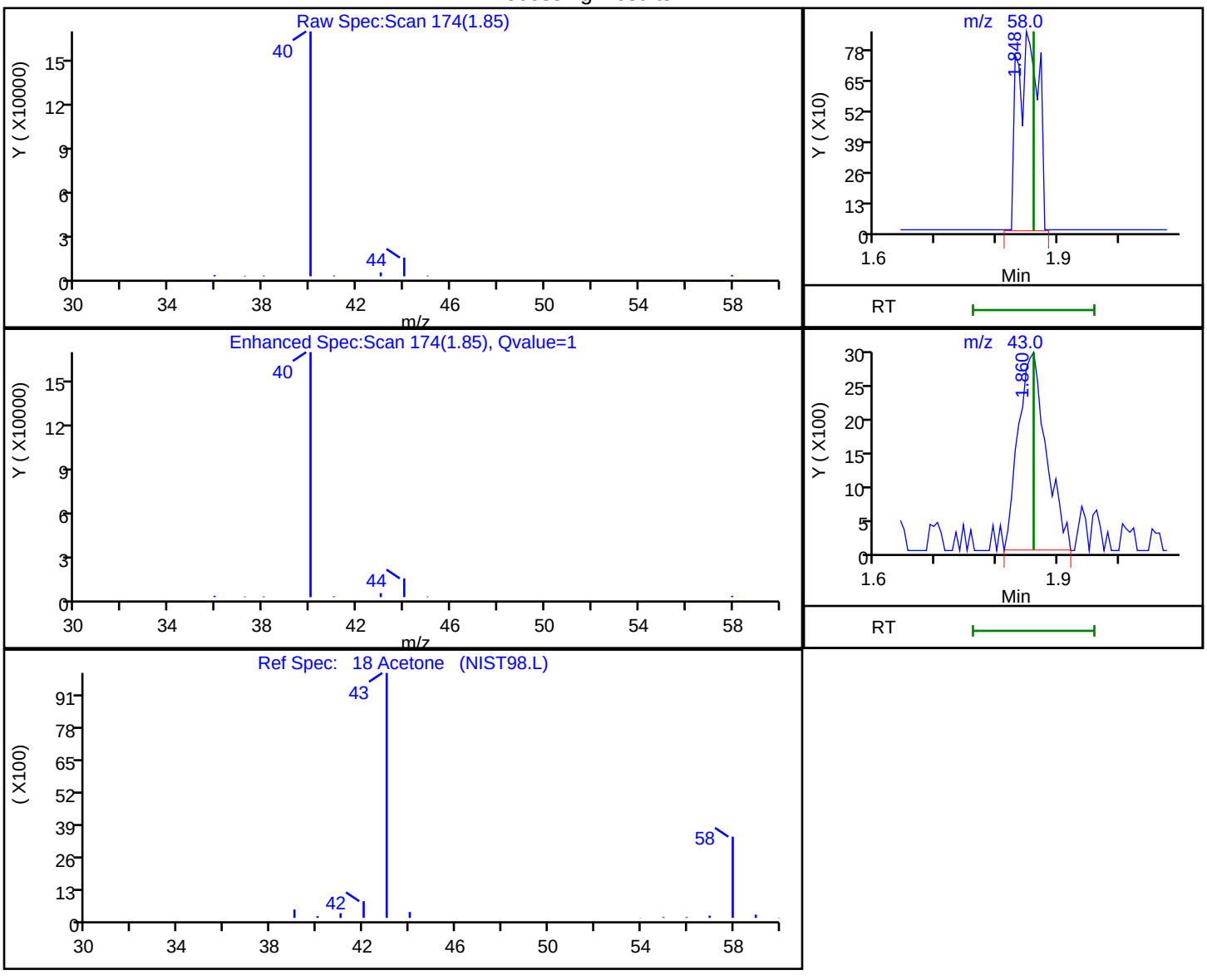
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X64.D				
Injection Date:	16-Oct-2025 23:18:30	Instrument ID:	15648		
Lims ID:	410-246092-A-1	Lab Sample ID:	410-246092-1		
Client ID:	HD-MW-148A-72.5/73-0				
Operator ID:	MCD07824	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
1.85	58.00	2030	2.334156
1.86	43.00	9325	

Reviewer: N9NA, 17-Oct-2025 12:38:42 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.: 410-246092-1

SDG No.:

Client Sample ID: HD-MW-148A-136/136.5-0
Lab Sample ID: 410-246092-2

Matrix: Water
Lab File ID: EC16X65.D

Analysis Method: 8260D
Date Collected: 10/06/2025 11:35

Sample wt/vol: 5(mL)
Date Analyzed: 10/16/2025 23:38

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715287
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND	^c cn	2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID: HD-MW-148A-136/136.5-0
Lab Sample ID: 410-246092-2

Matrix: Water
Lab File ID: EC16X65.D

Analysis Method: 8260D
Date Collected: 10/06/2025 11:35

Sample wt/vol: 5(mL)
Date Analyzed: 10/16/2025 23:38

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715287
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		80-120
460-00-4	4-Bromofluorobenzene (Surr)	91		80-120
1868-53-7	Dibromofluoromethane (Surr)	105		80-120
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X65.D
Lims ID: 410-246092-A-2
Client ID: HD-MW-148A-136/136.5-0
Sample Type: Client
Inject. Date: 16-Oct-2025 23:38:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163464-016
Operator ID: MCD07824 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 12:39:22 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1609

First Level Reviewer: N9NA Date: 17-Oct-2025 12:39:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		1.183				ND	7
6 Vinyl chloride	62		1.244				ND	
9 Chloroethane	64		1.421				ND	
8 Bromomethane	94		1.421				ND	
17 1,1-Dichloroethene	96		1.841				ND	
18 Acetone	58		1.860				ND	U
23 Carbon disulfide	76		2.000				ND	7
28 Methylene Chloride	84		2.158				ND	
* 27 t-Butyl alcohol-d10 (IS)	65	2.158	2.165	-0.007	25	205115	250.0	
32 trans-1,2-Dichloroethene	96		2.372				ND	
33 Methyl tert-butyl ether	73		2.378				ND	
35 1,1-Dichloroethane	63		2.713				ND	
40 cis-1,2-Dichloroethene	96		3.238				ND	
41 2-Butanone (MEK)	43		3.238				ND	U
47 Chlorobromomethane	128		3.451				ND	
49 Chloroform	83		3.530				ND	
$ 50 Dibromofluoromethane (Surr)	113	3.676	3.676	0.000	92	255183	52.4	
51 1,1,1-Trichloroethane	97		3.713				ND	
59 Carbon tetrachloride	117		3.872				ND	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	3.993	3.994	-0.001	81	386364	54.6	
84 Benzene	78		4.054				ND	
85 1,2-Dichloroethane	62		4.067				ND	
* 88 Fluorobenzene (IS)	96	4.329	4.329	0.000	98	1027836	50.0	
97 Trichloroethene	95		4.701				ND	
100 1,2-Dichloropropane	63		4.914				ND	
106 Dichlorobromomethane	83		5.207				ND	
109 cis-1,3-Dichloropropene	75		5.682				ND	
110 4-Methyl-2-pentanone (MIBK)	43		5.865				ND	
$ 111 Toluene-d8 (Surr)	98	5.962	5.969	-0.007	95	1035625	50.7	
112 Toluene	92		6.036				ND	
114 trans-1,3-Dichloropropene	75		6.286				ND	
116 1,1,2-Trichloroethane	97		6.475				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
117 Tetrachloroethene	166		6.627				ND	
121 2-Hexanone	43		6.786				ND	7
122 Chlorodibromomethane	129		6.895				ND	
124 Ethylene Dibromide	107		7.005				ND	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.517	0.000	90	725141	50.0	
127 Chlorobenzene	112		7.548				ND	7
129 1,1,1,2-Tetrachloroethane	131		7.639				ND	
130 Ethylbenzene	91		7.676				ND	
132 m-Xylene & p-Xylene	106		7.798				ND	
133 o-Xylene	106		8.157				ND	
135 Styrene	104		8.170				ND	
136 Bromoform	173		8.304				ND	
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	85	343729	45.5	
143 1,1,2,2-Tetrachloroethane	83		8.730				ND	
* 157 1,4-Dichlorobenzene-d4	152	9.498	9.499	-0.001	97	367000	50.0	
S 176 Xylenes, Total	106		11.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00048 Amount Added: 5.00 Units: uL Run Reagent

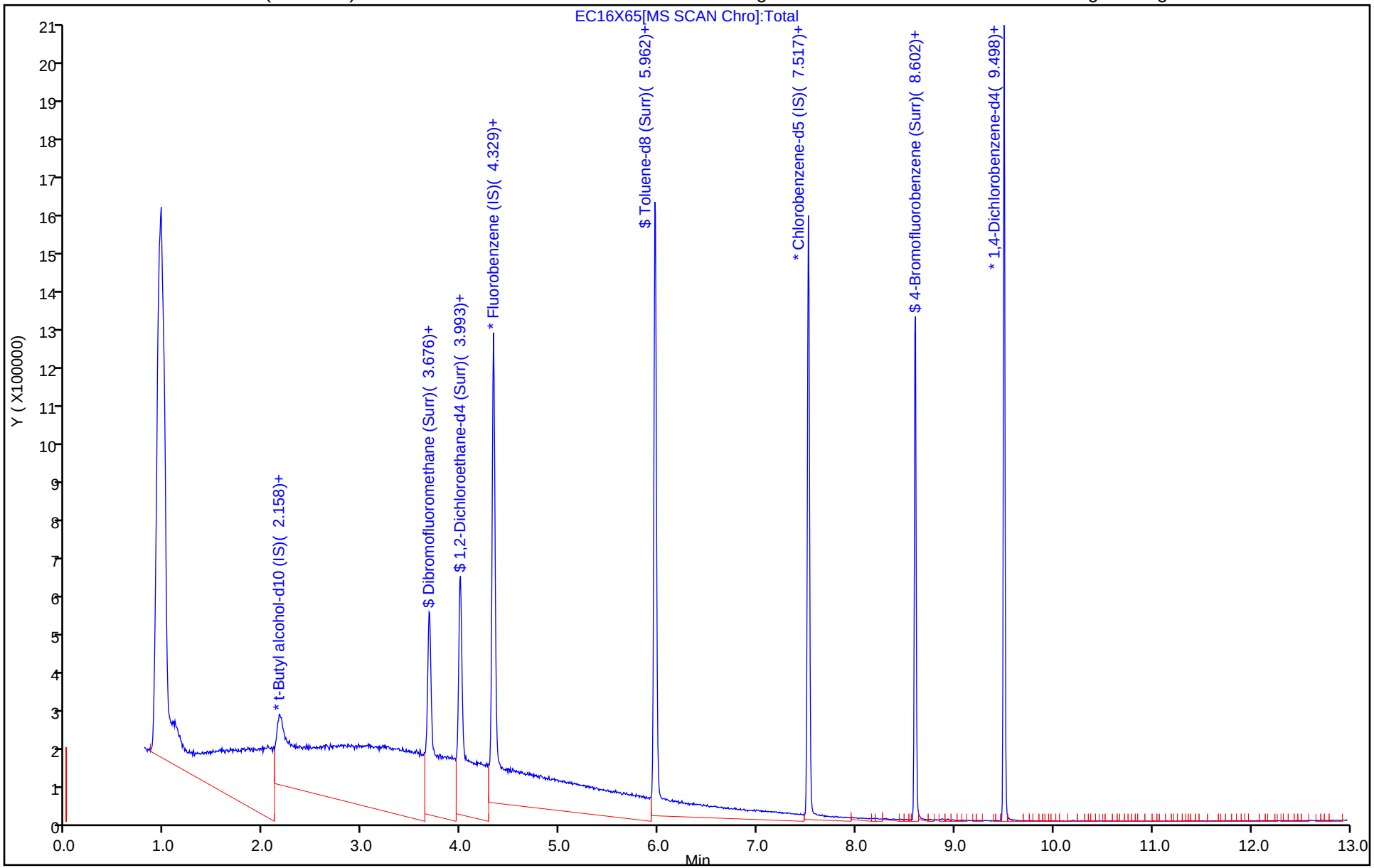
Report Date: 17-Oct-2025 12:39:23 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X65.D

Injection Date:	16-Oct-2025 23:38:30	Instrument ID:	15648	Operator ID:	MCD07824
Lims ID:	410-246092-A-2	Lab Sample ID:	410-246092-2	Worklist Smp#:	16
Client ID:	HD-MW-148A-136/136.5-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X65.D				
Lims ID:	410-246092-A-2				
Client ID:	HD-MW-148A-136/136.5-0				
Sample Type:	Client				
Inject. Date:	16-Oct-2025 23:38:30	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0163464-016				
Operator ID:	MCD07824	Instrument ID:	15648		
Method:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m				
Limit Group:	MSV - 8260C_D				
Last Update:	17-Oct-2025 12:39:22	Calib Date:	03-Sep-2025 04:40:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D				
Column 1 :	DB-624 20m 0.18mm (0.18 mm)		Det: MS Quad		
Process Host:	CTX1609				

First Level Reviewer: N9NA Date: 17-Oct-2025 12:39:22

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.4	104.86
$ 79 1,2-Dichloroethane-d4 (Surr)	50.0	54.6	109.13
$ 111 Toluene-d8 (Surr)	50.0	50.7	101.42
$ 140 4-Bromofluorobenzene (Surr)	50.0	45.5	91.02

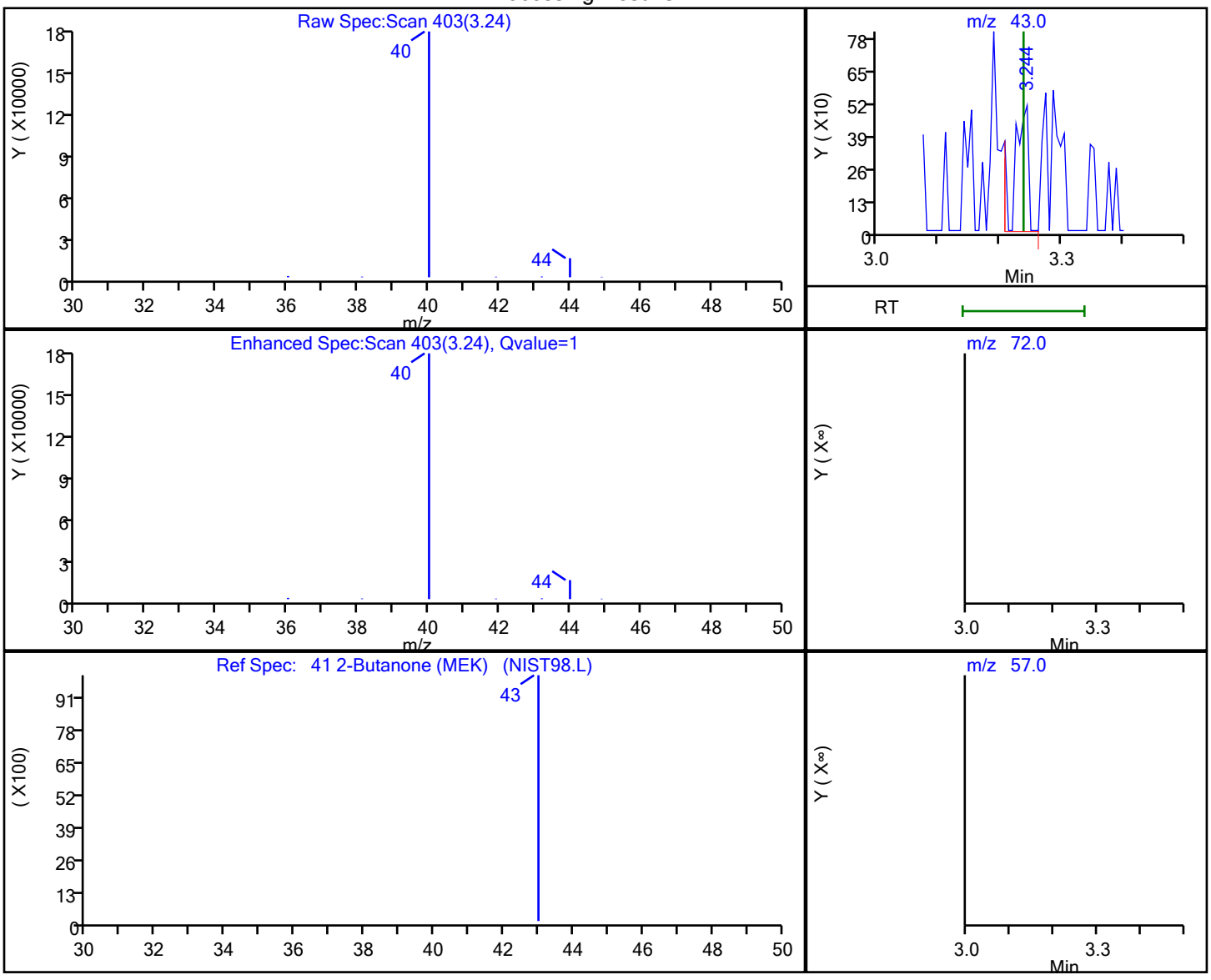
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X65.D				
Injection Date:	16-Oct-2025 23:38:30	Instrument ID:	15648		
Lims ID:	410-246092-A-2	Lab Sample ID:	410-246092-2		
Client ID:	HD-MW-148A-136/136.5-0				
Operator ID:	MCD07824	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

41 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.24	43.00	773	0.192799
3.24	72.00	0	
3.24	57.00	0	

Reviewer: N9NA, 17-Oct-2025 12:39:13 07:00:00 (UTC)

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

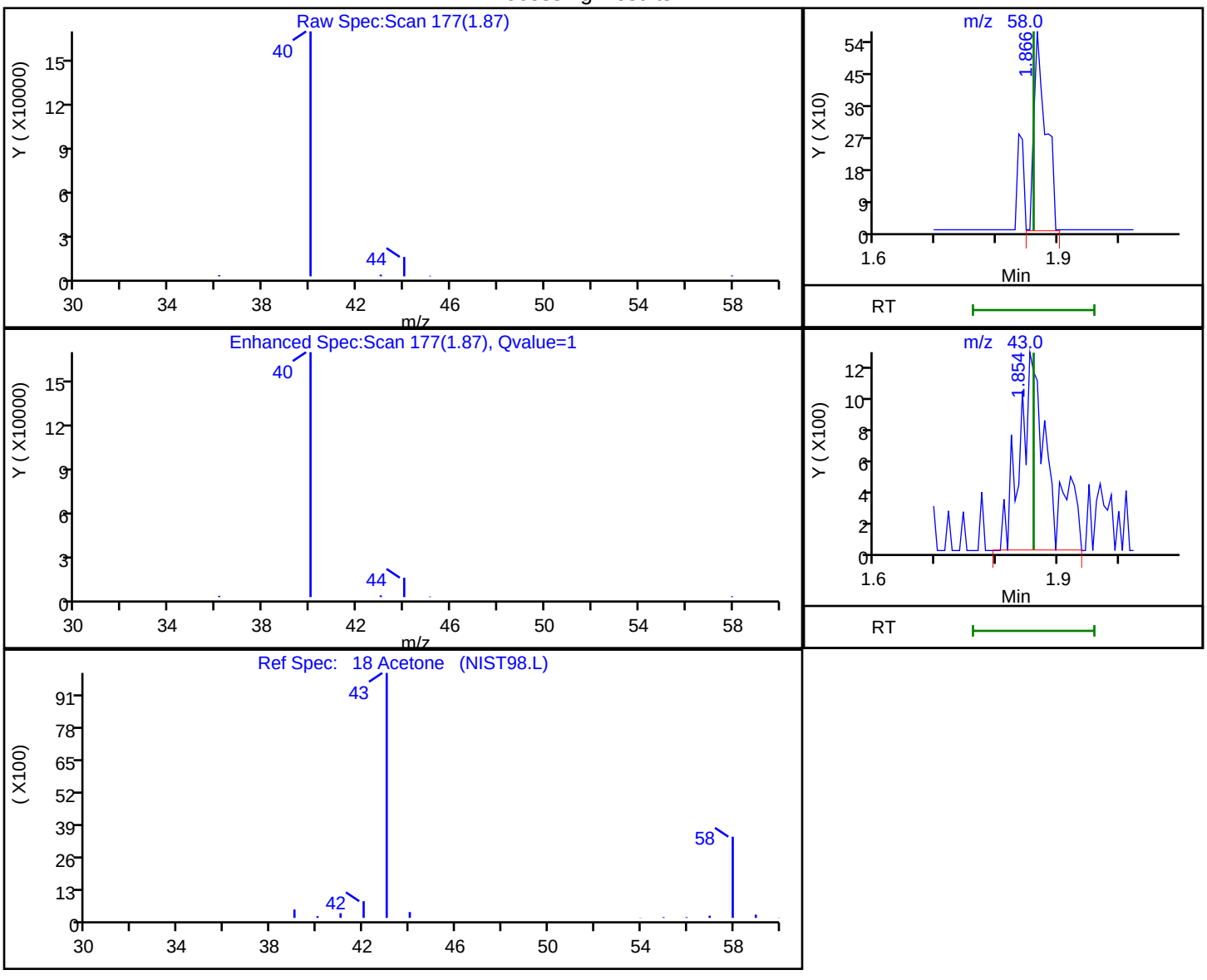
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X65.D				
Injection Date:	16-Oct-2025 23:38:30	Instrument ID:	15648		
Lims ID:	410-246092-A-2	Lab Sample ID:	410-246092-2		
Client ID:	HD-MW-148A-136/136.5-0				
Operator ID:	MCD07824	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
1.87	58.00	759	0.964135
1.85	43.00	4301	

Reviewer: N9NA, 17-Oct-2025 12:39:08 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.: 410-246092-1

SDG No.:

Client Sample ID: HD-MW-82-0/1-0
Lab Sample ID: 410-246092-3

Matrix: Water
Lab File ID: EC16X66.D

Analysis Method: 8260D
Date Collected: 10/06/2025 14:05

Sample wt/vol: 5(mL)
Date Analyzed: 10/16/2025 23:58

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715287
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND	^c cn	2.0	0.55
156-59-2	cis-1,2-Dichloroethene	0.79	J	1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	1.2		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID: HD-MW-82-0/1-0
Lab Sample ID: 410-246092-3

Matrix: Water
Lab File ID: EC16X66.D

Analysis Method: 8260D
Date Collected: 10/06/2025 14:05

Sample wt/vol: 5(mL)
Date Analyzed: 10/16/2025 23:58

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715287
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	0.76	J	1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		80-120
460-00-4	4-Bromofluorobenzene (Surr)	89		80-120
1868-53-7	Dibromofluoromethane (Surr)	105		80-120
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X66.D
Lims ID: 410-246092-A-3
Client ID: HD-MW-82-0/1-0
Sample Type: Client
Inject. Date: 16-Oct-2025 23:58:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163464-017
Operator ID: MCD07824 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 19:19:13 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: Y6ZN Date: 17-Oct-2025 19:16:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		1.183				ND	
6 Vinyl chloride	62		1.244				ND	
9 Chloroethane	64		1.421				ND	
8 Bromomethane	94		1.421				ND	
17 1,1-Dichloroethene	96		1.841				ND	
18 Acetone	58		1.860				ND	
23 Carbon disulfide	76		2.000				ND	
28 Methylene Chloride	84		2.158				ND	
* 27 t-Butyl alcohol-d10 (IS)	65	2.165	2.165	0.000	31	197704	250.0	
32 trans-1,2-Dichloroethene	96		2.372				ND	
33 Methyl tert-butyl ether	73		2.378				ND	
35 1,1-Dichloroethane	63		2.713				ND	7
40 cis-1,2-Dichloroethene	96	3.238	3.238	0.000	88	3940	0.7867	
41 2-Butanone (MEK)	43		3.238				ND	7
47 Chlorobromomethane	128		3.451				ND	
49 Chloroform	83		3.530				ND	U
$ 50 Dibromofluoromethane (Surr)	113	3.671	3.676	-0.005	93	253666	52.4	
51 1,1,1-Trichloroethane	97		3.713				ND	
59 Carbon tetrachloride	117		3.872				ND	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	3.988	3.994	-0.006	81	383661	54.5	
84 Benzene	78		4.054				ND	7
85 1,2-Dichloroethane	62		4.067				ND	7
* 88 Fluorobenzene (IS)	96	4.329	4.329	0.000	98	1022332	50.0	
97 Trichloroethene	95	4.701	4.701	0.000	89	3858	0.7609	
100 1,2-Dichloropropane	63		4.914				ND	
106 Dichlorobromomethane	83		5.207				ND	
109 cis-1,3-Dichloropropene	75		5.682				ND	
110 4-Methyl-2-pentanone (MIBK)	43		5.865				ND	U
$ 111 Toluene-d8 (Surr)	98	5.963	5.969	-0.006	95	1029969	50.3	
112 Toluene	92		6.036				ND	
114 trans-1,3-Dichloropropene	75		6.286				ND	
116 1,1,2-Trichloroethane	97		6.475				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
117 Tetrachloroethene	166	6.627	6.627	0.000	93	6182	1.25	
121 2-Hexanone	43		6.786				ND	
122 Chlorodibromomethane	129		6.895				ND	
124 Ethylene Dibromide	107		7.005				ND	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.517	0.000	90	726891	50.0	
127 Chlorobenzene	112		7.548				ND	
129 1,1,1,2-Tetrachloroethane	131		7.639				ND	
130 Ethylbenzene	91		7.676				ND	
132 m-Xylene & p-Xylene	106		7.798				ND	
133 o-Xylene	106		8.157				ND	
135 Styrene	104		8.170				ND	
136 Bromoform	173		8.304				ND	
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	85	338329	44.7	
143 1,1,2,2-Tetrachloroethane	83		8.730				ND	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	97	364811	50.0	
S 176 Xylenes, Total	106		11.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

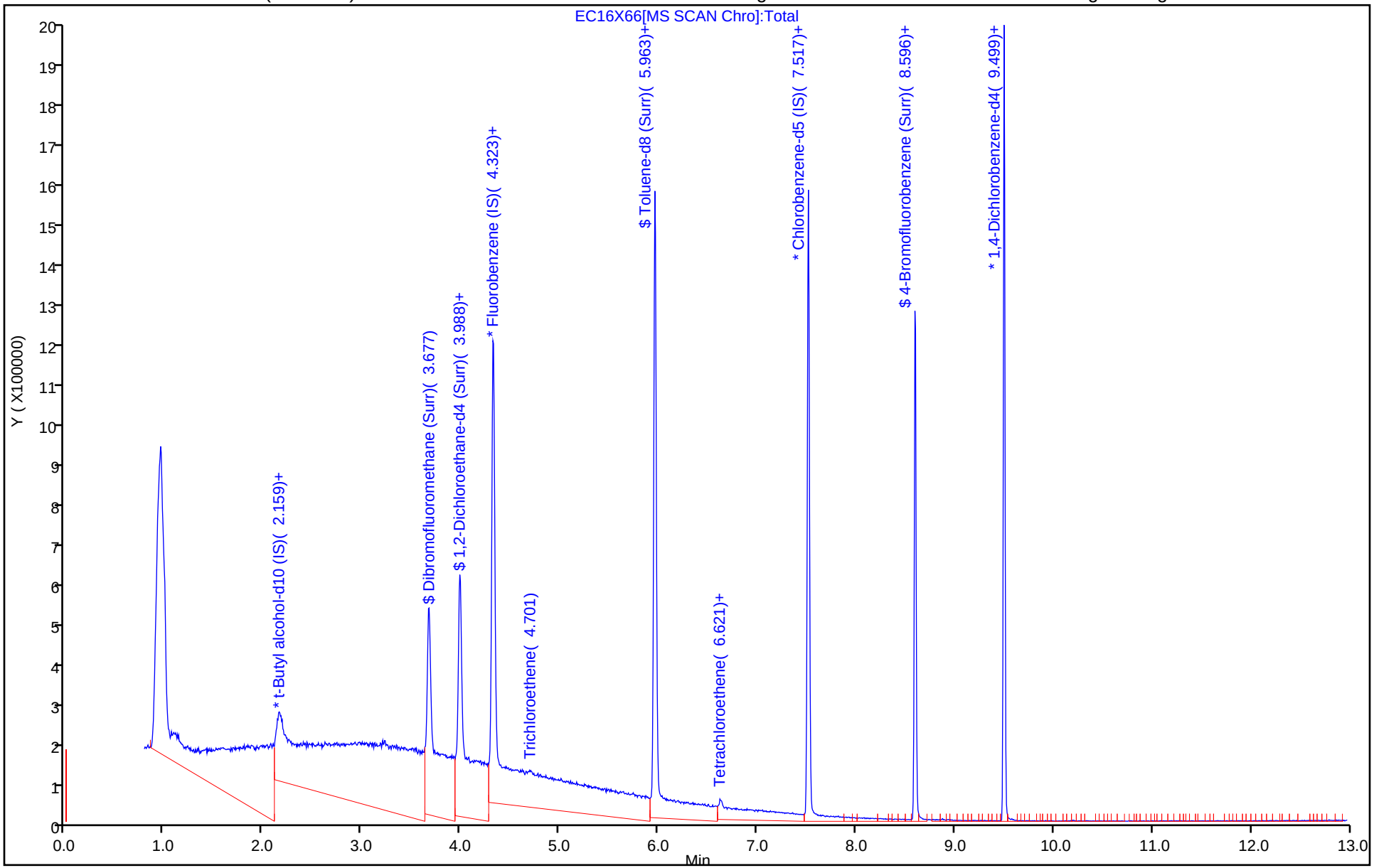
MSV_Cent_ISSS_00048 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 17-Oct-2025 19:19:21 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X66.D				
Injection Date:	16-Oct-2025 23:58:30	Instrument ID:	15648	Operator ID:	MCD07824
Lims ID:	410-246092-A-3	Lab Sample ID:	410-246092-3	Worklist Smp#:	17
Client ID:	HD-MW-82-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X66.D
Lims ID: 410-246092-A-3
Client ID: HD-MW-82-0/1-0
Sample Type: Client
Inject. Date: 16-Oct-2025 23:58:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163464-017
Operator ID: MCD07824 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 19:19:13 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: Y6ZN Date: 17-Oct-2025 19:16:03

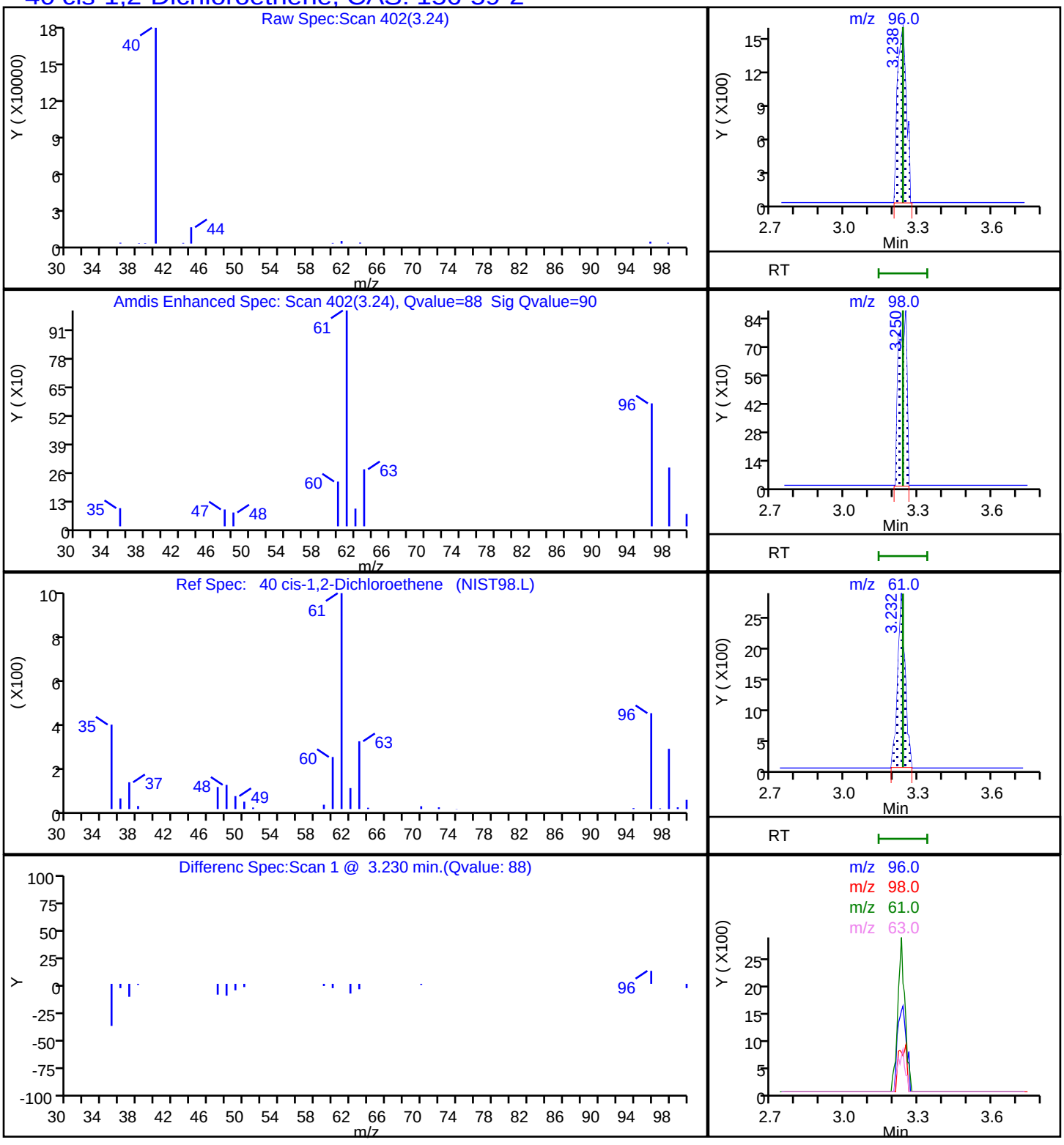
Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.4	104.80
$ 79 1,2-Dichloroethane-d4 (Surr)	50.0	54.5	108.95
$ 111 Toluene-d8 (Surr)	50.0	50.3	100.62
$ 140 4-Bromofluorobenzene (Surr)	50.0	44.7	89.38

Report Date: 17-Oct-2025 19:19:21 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X66.D				
Injection Date:	16-Oct-2025 23:58:30	Instrument ID:	15648		
Lims ID:	410-246092-A-3	Lab Sample ID:	410-246092-3		
Client ID:	HD-MW-82-0/1-0				
Operator ID:	MCD07824	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

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

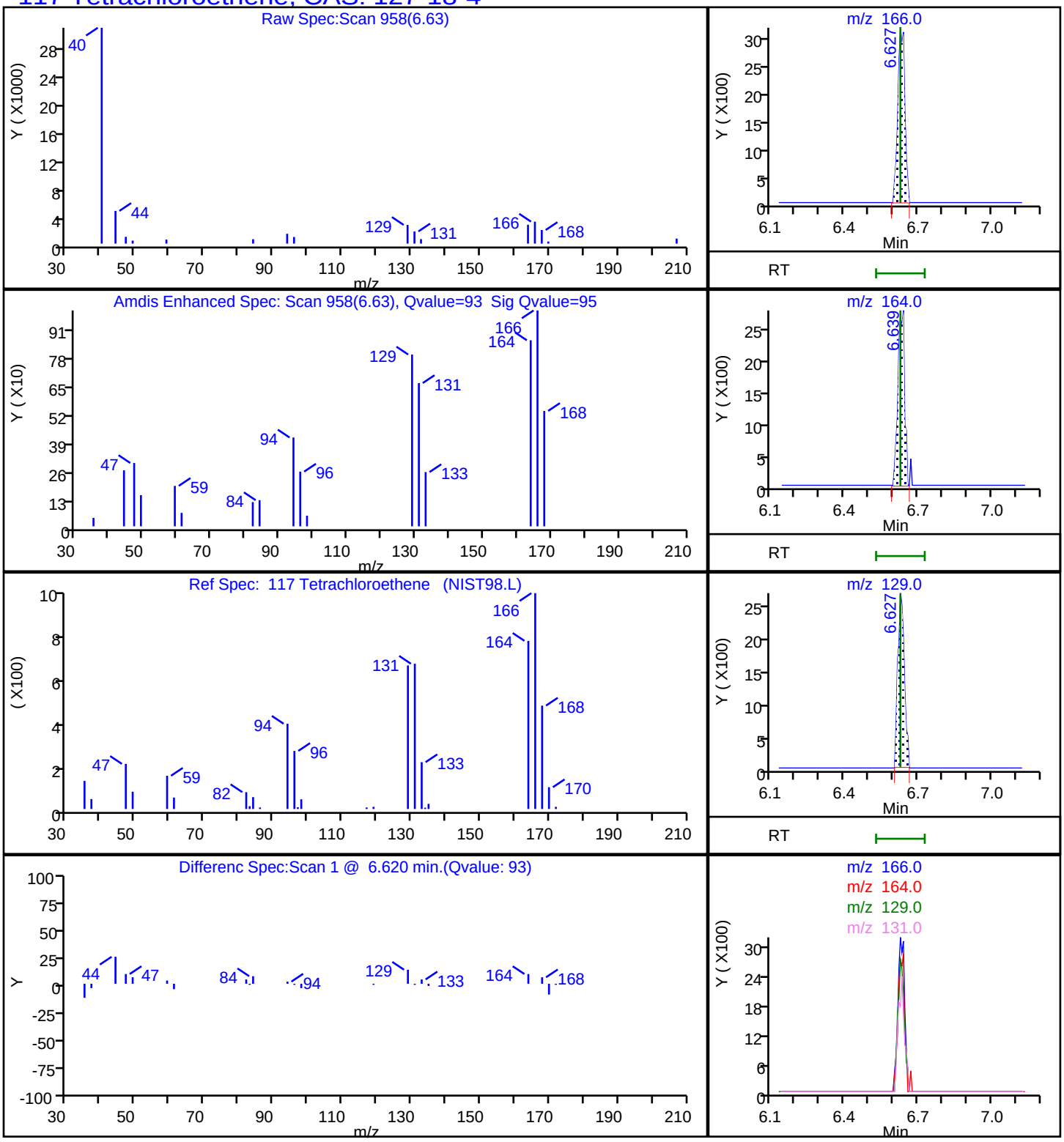


Report Date: 17-Oct-2025 19:19:22 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X66.D				
Injection Date:	16-Oct-2025 23:58:30	Instrument ID:	15648		
Lims ID:	410-246092-A-3	Lab Sample ID:	410-246092-3		
Client ID:	HD-MW-82-0/1-0				
Operator ID:	MCD07824	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

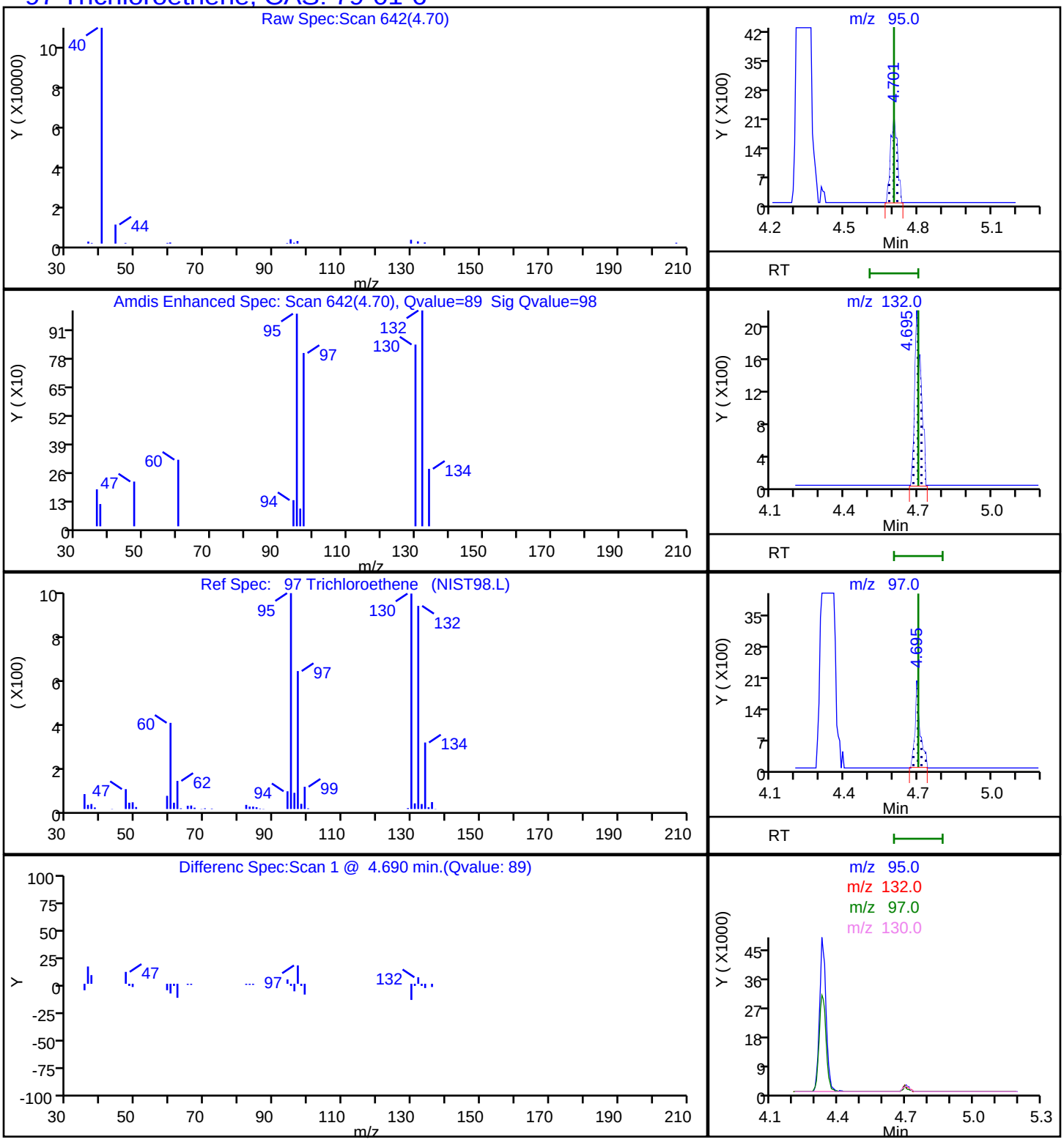
117 Tetrachloroethene, CAS: 127-18-4



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X66.D				
Injection Date:	16-Oct-2025 23:58:30	Instrument ID:	15648		
Lims ID:	410-246092-A-3	Lab Sample ID:	410-246092-3		
Client ID:	HD-MW-82-0/1-0				
Operator ID:	MCD07824	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

97 Trichloroethene, CAS: 79-01-6



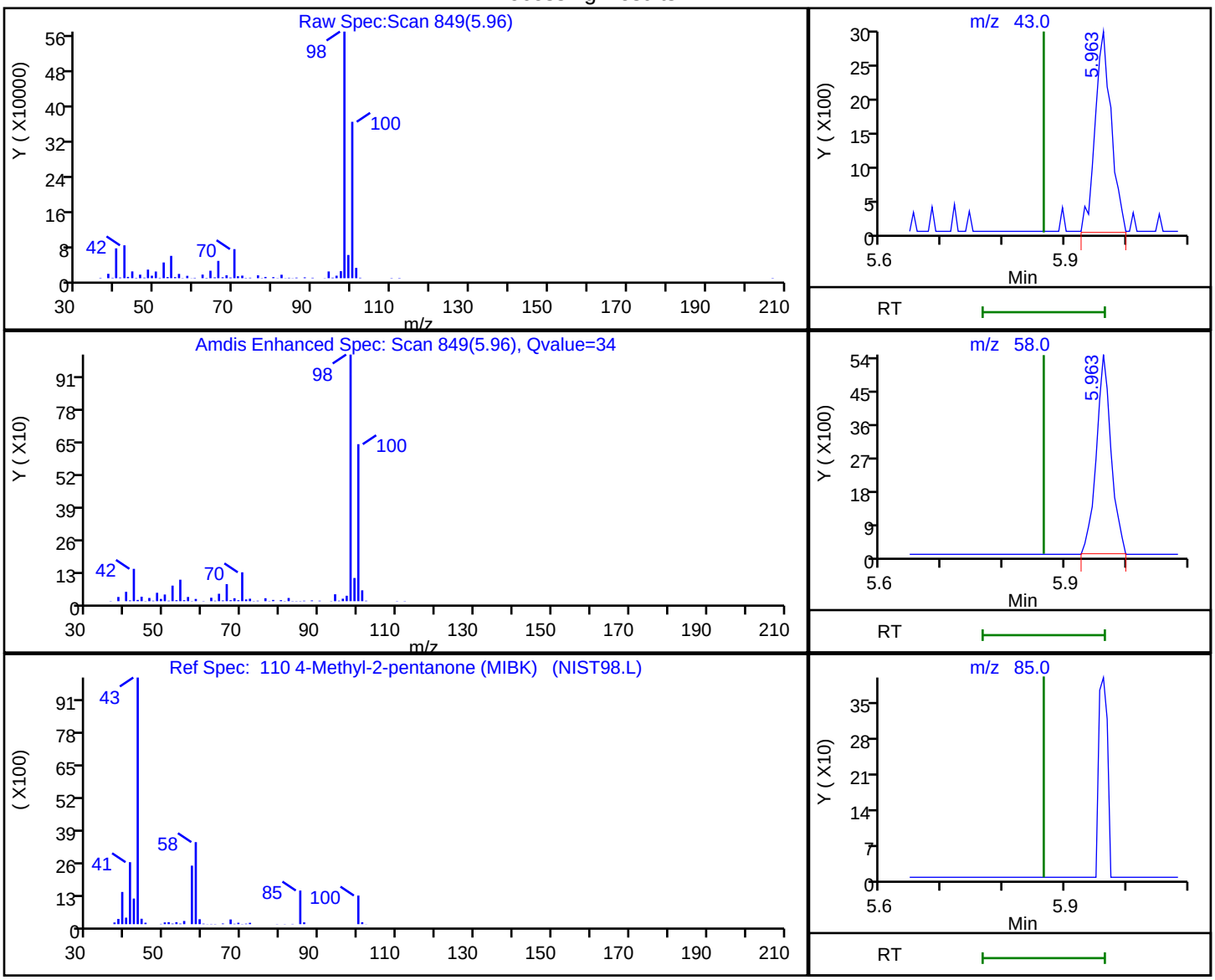
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X66.D				
Injection Date:	16-Oct-2025 23:58:30	Instrument ID:	15648		
Lims ID:	410-246092-A-3	Lab Sample ID:	410-246092-3		
Client ID:	HD-MW-82-0/1-0				
Operator ID:	MCD07824	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

110 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
5.96	43.00	5388	0.673702
5.96	58.00	9137	
5.96	100.00	649706	
5.87	85.00	0	

Reviewer: Y6ZN, 17-Oct-2025 19:15:51 -04:00:00 (UTC)

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

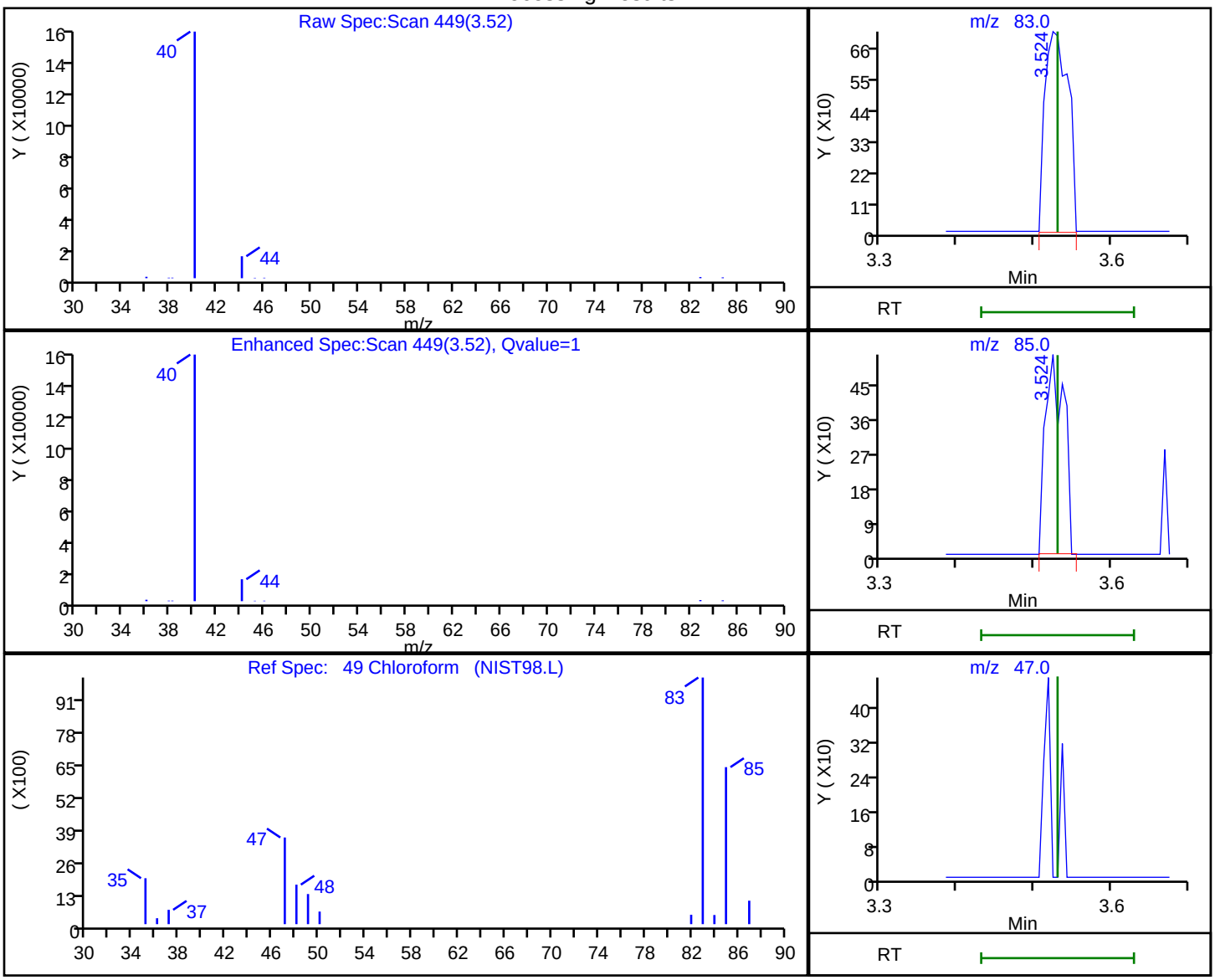
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X66.D				
Injection Date:	16-Oct-2025 23:58:30	Instrument ID:	15648		
Lims ID:	410-246092-A-3	Lab Sample ID:	410-246092-3		
Client ID:	HD-MW-82-0/1-0				
Operator ID:	MCD07824	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

49 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
3.52	83.00	1499	0.174591
3.52	85.00	896	
3.53	47.00	0	

Reviewer: Y6ZN, 17-Oct-2025 19:15:41 -04:00:00 (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.: 410-246092-1

SDG No.:

Client Sample ID: HD-MW-79-0/1-0
Lab Sample ID: 410-246092-4

Matrix: Water
Lab File ID: EC17X16.D

Analysis Method: 8260D
Date Collected: 10/07/2025 10:32

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 15:01

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715649
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	1.7		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND	^c cn	1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND	FH	2.0	0.55
156-59-2	cis-1,2-Dichloroethene	1.7		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID: HD-MW-79-0/1-0
Lab Sample ID: 410-246092-4

Matrix: Water
Lab File ID: EC17X16.D

Analysis Method: 8260D
Date Collected: 10/07/2025 10:32

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 15:01

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715649
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		80-120
460-00-4	4-Bromofluorobenzene (Surr)	86		80-120
1868-53-7	Dibromofluoromethane (Surr)	109		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\15648\20251017-163548.b\EC17X16.D
Lims ID: 410-246092-A-4
Client ID: HD-MW-79-0/1-0
Sample Type: Client
Inject. Date: 17-Oct-2025 15:01:30 ALS Bottle#: 16 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163548-018
Operator ID: HEC94097 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 20:21:03 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: JS6E Date: 17-Oct-2025 18:45:00

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
	1 Chlorotrifluoroethene	116		1.037				ND	
	3 Chlorodifluoromethane	51		1.061				ND	
	2 Dichlorodifluoromethane	85		1.073				ND	
	4 Chloromethane	50		1.183				ND	
	5 Butadiene	39		1.220				ND	
	6 Vinyl chloride	62		1.244				ND	U
	7 2-Chloro-1,1,1-Trifluoroethane	118		1.244				ND	
	9 Chloroethane	64		1.421				ND	
	8 Bromomethane	94		1.421				ND	
	10 Dichlorofluoromethane	67		1.537				ND	
	11 Pentane	43		1.573				ND	7
	12 Trichlorofluoromethane	101		1.610				ND	
	13 Ethanol	45		1.616				ND	
	14 Ethyl ether	59		1.689				ND	
	15 1,2-Dichloro-1,1,2-trifluoroetha	67		1.719				ND	
	16 Acrolein	56		1.762				ND	
	17 1,1-Dichloroethene	96		1.841				ND	
	18 Acetone	58		1.854				ND	7
	19 1,1,2-Trichloro-1,2,2-trifluoroe	101		1.878				ND	
	20 Isopropyl alcohol	45		1.939				ND	7
T	21 1,1,1-Trichloro-2,2,2-trifluoroe	151	9.505	1.939	7.566	4	45548	2.20	
	22 Iodomethane	142		1.945				ND	
	23 Carbon disulfide	76		2.000				ND	
	24 Acetonitrile	41		2.043				ND	
	25 3-Chloro-1-propene	41		2.067				ND	7
	26 Methyl acetate	43		2.073				ND	7
	28 Methylene Chloride	84		2.165				ND	
*	27 t-Butyl alcohol-d10 (IS)	65	2.171	2.165	0.007	29	216171	250.0	
	29 2-Methyl-2-propanol	59		2.225				ND	7
T	30 Acetonitrile TIC	41	2.226	2.238	-0.012	5	380	0.0184	
	31 Acrylonitrile	53		2.329				ND	
	32 trans-1,2-Dichloroethene	96		2.366				ND	

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
	33 Methyl tert-butyl ether	73		2.384				ND	
	34 Hexane	57		2.597				ND	
	35 1,1-Dichloroethane	63	2.719	2.713	0.006	96	15754	1.68	
	36 Vinyl acetate	43		2.756				ND	7
	37 Isopropyl ether	45		2.792				ND	7
	38 2-Chloro-1,3-butadiene	53		2.799				ND	
	39 Tert-butyl ethyl ether	59		3.116				ND	
	40 cis-1,2-Dichloroethene	96	3.231	3.231	0.000	84	8829	1.74	
	41 2-Butanone (MEK)	43		3.231				ND	U
	42 2,2-Dichloropropane	77		3.250				ND	
	44 Propionitrile	54		3.286				ND	
	45 Ethyl acetate	43		3.305				ND	7
	43 Methyl acrylate	55		3.341				ND	
	46 Methacrylonitrile	67		3.433				ND	
	47 Chlorobromomethane	128		3.445				ND	
	48 Tetrahydrofuran	71		3.487				ND	
	49 Chloroform	83		3.530				ND	
$	50 Dibromofluoromethane (Surr)	113	3.683	3.676	0.007	93	267666	54.6	
	51 1,1,1-Trichloroethane	97		3.707				ND	
T	52 1-Bromo-2-chloroethane TIC	63	3.993	3.762	0.231	1	35513	1.72	
	53 Cyclohexane	56		3.768				ND	
T	54 1,2-Dichlorofluoroethane TIC	81	3.750	3.780	-0.030	1	222	0.0107	
T	56 1,3-Dichlorobutene-2(total) TIC	89		3.818				ND	7
T	57 1-Chloro-1,1-difluoroethane TIC	65		3.855				ND	
	58 1,1-Dichloropropene	75		3.859				ND	
	59 Carbon tetrachloride	117		3.865				ND	
T	68 1,1,1-Trifluoro-2,2-dichloroetha	83	2.732	3.879	-1.147	1	448	0.0216	
T	69 n-Butyl acrylate TIC	55	4.317	3.879	0.438	7	470	0.0227	
T	67 4-Ethyltoluene TIC	105	3.975	3.879	0.096	1	95	0.004590	
T	65 Epichlorohydrin TIC	57		3.879				ND	
T	66 Isooctane TIC	57		3.879				ND	
T	63 Allyl Alcohol TIC	57		3.879				ND	
T	60 Ethyl acrylate TIC	55		3.879				ND	
T	64 Propene oxide TIC	58	4.317	3.879	0.438	11	380	0.0184	
T	61 1-Chlorobutane TIC	56	4.335	3.879	0.456	28	4919	0.2377	
T	62 Propionaldehyde TIC	58	4.317	3.879	0.438	7	380	0.0184	
T	70 1,1-Dichloro-1-fluoroethane TIC	81	3.750	3.885	-0.135	1	222	0.0107	
T	71 Tetranitromethane TIC	46	4.000	3.885	0.115	1	148	0.007151	
T	72 Hexachloroethane TIC	117	7.517	3.902	3.615	1	742193	35.9	
T	73 2,3-Dichloro-1,3-butadiene TIC	51		3.910				ND	
T	74 Diethoxymethane TIC	59	3.981	3.922	0.059	1	344	0.0166	
T	75 Propanol TIC	59		3.922				ND	
T	77 Freon 115 TIC	85	2.732	3.983	-1.251	1	100	0.004832	
T	76 Dichloro-1,1,2,2-tetrafluoroetha	85		3.983				ND	
$	79 1,2-Dichloroethane-d4 (Surr)	65	3.993	3.993	0.000	80	400307	56.2	
	78 Isobutyl alcohol	41		3.993				ND	
T	80 tert-amyl alcohol TIC	59	4.000	4.018	-0.018	1	355	0.0172	
T	81 1,1,2-Trifluoroethane TIC	51		4.030				ND	
T	82 Chlorofluoromethane TIC	68	3.993	4.030	-0.037	10	4833	0.2335	
T	83 Chloroacetaldehyde TIC	50	4.036	4.048	-0.012	1	251	0.0121	
	84 Benzene	78		4.054				ND	7
	85 1,2-Dichloroethane	62		4.067				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
86 Isopropyl acetate	43		4.164				ND	
87 Tert-amyl methyl ether	73		4.189				ND	
* 88 Fluorobenzene (IS)	96	4.329	4.329	0.000	98	1034808	50.0	a
89 n-Heptane	43		4.347				ND	7
T 90 Vinyl Fluoride TIC	46	4.329	4.371	-0.042	15	5098	0.2463	
T 91 Ethylene oxide TIC	43	4.365	4.379	-0.014	1	270	0.0130	
T 92 Vinyl acetate (TIC)	43		4.379				ND	
T 93 Ethyl Acetate TIC	43		4.379				ND	
T 94 Propane TIC	43		4.379				ND	
T 95 n-Nonane TIC	43		4.390				ND	
96 n-Butanol	56		4.664				ND	
97 Trichloroethene	95		4.695				ND	U
98 Methylcyclohexane	83		4.902				ND	
99 Ethyl acrylate	55		4.902				ND	
100 1,2-Dichloropropane	63		4.914				ND	
101 2-ethoxy-2-methyl butane	87		4.993				ND	
102 Dibromomethane	93		5.030				ND	
103 1,4-Dioxane	88		5.060				ND	
104 Methyl methacrylate	69		5.072				ND	
105 n-Propyl acetate	61		5.152				ND	
106 Dichlorobromomethane	83		5.207				ND	
107 2-Nitropropane	41		5.438				ND	
108 2-Chloroethyl vinyl ether	63		5.548				ND	
109 cis-1,3-Dichloropropene	75		5.682				ND	
110 4-Methyl-2-pentanone (MIBK)	43		5.865				ND	7
$ 111 Toluene-d8 (Surr)	98	5.969	5.963	0.006	95	1039102	49.5	
112 Toluene	92		6.036				ND	
S 113 1,2-Dichloroethene, Total	100				0		1.74	
114 trans-1,3-Dichloropropene	75		6.286				ND	
115 Ethyl methacrylate	69		6.426				ND	
116 1,1,2-Trichloroethane	97		6.475				ND	
117 Tetrachloroethene	166		6.627				ND	
119 1,3-Dichloropropane	76		6.651				ND	
T 118 divinyl benzene TIC	131	8.602	6.658	1.944	10	221	0.0107	
120 3,4-Dichloro-1-butene	75		6.713				ND	
121 2-Hexanone	43		6.786				ND	
122 Chlorodibromomethane	129		6.895				ND	
123 n-Butyl acetate	43		6.962				ND	
124 Ethylene Dibromide	107		7.005				ND	
T 125 2,3,4-Trichlorobutene TIC	109	7.517	7.048	0.469	0	141	0.006813	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.517	0.000	88	744697	50.0	a
127 Chlorobenzene	112		7.548				ND	
128 1-Chlorohexane	91		7.566				ND	U
129 1,1,1,2-Tetrachloroethane	131		7.639				ND	
130 Ethylbenzene	91		7.676				ND	
131 t-Amyl alcohol	73		7.741				ND	
132 m-Xylene & p-Xylene	106		7.798				ND	
133 o-Xylene	106		8.157				ND	
135 Styrene	104		8.169				ND	
134 n-Butyl acrylate	55		8.169				ND	
136 Bromoform	173		8.304				ND	
137 Isopropylbenzene	105		8.486				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
138 Cyclohexanone	55		8.535				ND	7
139 cis-1,4-Dichloro-2-butene	88		8.541				ND	U
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	85	334952	43.2	
T 141 Limonene TIC	68	8.596	8.621	-0.025	21	36172	1.75	
142 Bromobenzene	156		8.712				ND	
143 1,1,2,2-Tetrachloroethane	83		8.730				ND	
144 1,2,3-Trichloropropane	110		8.755				ND	
145 trans-1,4-Dichloro-2-butene	53		8.779				ND	
146 N-Propylbenzene	91		8.822				ND	
147 2-Chlorotoluene	126		8.877				ND	
148 4-Chlorotoluene	126		8.968				ND	
149 1,3,5-Trimethylbenzene	105		8.968				ND	
150 2,3,4-Trichlorobutene	109		9.011				ND	
152 tert-Butylbenzene	134		9.218				ND	
151 Pentachloroethane	167		9.218				ND	
153 1,2,4-Trimethylbenzene	105		9.255				ND	
154 sec-Butylbenzene	105		9.383				ND	
155 1,3-Dichlorobenzene	146		9.450				ND	
156 4-Isopropyltoluene	119		9.498				ND	
* 157 1,4-Dichlorobenzene-d4	152	9.498	9.498	0.000	97	370022	50.0	
159 1,4-Dichlorobenzene	146		9.517				ND	
T 158 Bromoethane TIC	108	9.505	9.517	-0.012	1	1524	0.0736	
160 1,2,3-Trimethylbenzene	105		9.566				ND	
161 Benzyl chloride	91		9.620				ND	
162 1,3-Diethylbenzene	119		9.718				ND	
163 p-Diethylbenzene	119		9.779				ND	
164 1,2-Dichlorobenzene	146		9.785				ND	
165 n-Butylbenzene	92		9.791				ND	
166 o-diethylbenzene	119		9.858				ND	
T 235 1,2,4,5-Tetramethylbenzene TIC	119	8.602	10.000	-1.398	1	2141	0.1034	
T 167 Fluoromethane TIC	34		10.000				ND	
S 168 1,3-Dichloropropene, Total	100		10.060				ND	7
169 1,2-Dibromo-3-Chloropropane	75		10.321				ND	
170 1,3,5-Trichlorobenzene	180		10.474				ND	
171 1,2,4-Trichlorobenzene	180		10.882				ND	
172 Hexachlorobutadiene	225		11.004				ND	
173 2-Ethylhexyl acrylate	55		11.029				ND	
174 Naphthalene	128		11.041				ND	
175 1,2,3-Trichlorobenzene	180		11.199				ND	
S 176 Xylenes, Total	106		11.245				ND	7
177 2-Methylnaphthalene	142		11.760				ND	
178 Hexachloroethane	201		13.560				ND	
179 C4-C10	1		0.000				ND	
$ 211 trans-1,2,3-Trichlorobutene-2 TI	1		0.000				ND	
212 sec-Butyl Alcohol TIC	1		0.000				ND	
213 1,3-Divinylbenzene	1		0.000				ND	
214 n-Octane	1		0.000				ND	
215 Undecane	1		0.000				ND	
216 Ethyl bromide	1		0.000				ND	
217 Chloroacetonitrile	1		0.000				ND	
218 1-Chlorobutane	1		0.000				ND	
219 Dimethylformamide TIC	1		0.000				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
208 3-Pentanone TIC	1		0.000				ND	
209 2-Butoxyethyl acetate	1		0.000				ND	
210 Gasoline (Unleaded)	1		0.000				ND	
220 1-Methylnaphthalene	142		0.000				ND	
224 Cyclopentane TIC	1		0.000				ND	
225 1,1,1,2-Tetrafluoroethane TIC	1		0.000				ND	
226 2-ethoxy-2-methyl butane TIC	1		0.000				ND	
227 2,3-Dimethylbutane TIC	1		0.000				ND	
228 2,2-Dimethylbutane TIC	1		0.000				ND	
229 Methylcyclopentane TIC	1		0.000				ND	
230 Decamethylcyclopentasiloxane TIC	1		0.000				ND	
231 Dimethyl Sulfide TIC	1		0.000				ND	
232 2,2-Dimethylpropane TIC	1		0.000				ND	
221 2-Methylhexane TIC	1		0.000				ND	
222 1-Methylnaphthalene (TIC)	1		0.000				ND	
223 3-Methylpentane TIC	1		0.000				ND	
207 4-Ethyltoluene	1		0.000				ND	
206 cis-1,2,3-Trichlorobutene-2	1		0.000				ND	
205 Butane	1		0.000				ND	
182 2,3-Dichloro-1,3-butadiene	1		0.000				ND	
S 183 divinyl benzene	1		0.000				ND	7
184 trans-1,2,3-Trichlorobutene-2	1		0.000				ND	
185 3-chloro-1-Butene	1		0.000				ND	
186 n-Nonane	1		0.000				ND	
187 C5-C12	1		0.000				ND	
188 Isobutyl acetate	43		0.000				ND	
189 1-Bromo-2-chloroethane	1		0.000				ND	
S 190 Total BTEX	1		0.000				ND	
191 Propanol	1		0.000				ND	
180 sec-Butyl Alcohol	45		0.000				ND	
181 Methylal	1		0.000				ND	
192 tert-Butyl Formate	1		0.000				ND	
195 C6-C10	1		0.000				ND	
196 1,1-Dichloro-1-fluoroethane	1		0.000				ND	
197 Dodecane	57		0.000				ND	
198 n-Decane	57		0.000				ND	
199 C6-C12	1		0.000				ND	
200 1,4-Divinylbenzene	1		0.000				ND	
201 1,1,2,2-Tetrachloro-1,2-difluoro	1		0.000				ND	
202 C4-C12	1		0.000				ND	
203 3-Methyl-1-butene	1		0.000				ND	
204 Propene oxide	1		0.000				ND	
S 193 Total Diethylbenzene	1		0.000				ND	7
194 Diethoxymethane	1		0.000				ND	
233 3-Methylhexane TIC	1		0.000				ND	
234 C7-C12	1		0.000				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
U - Marked Undetected
a - User Assigned ID

Reagents:

MSV_Cent_ISSS_00048 Amount Added: 5.00 Units: uL Run Reagent

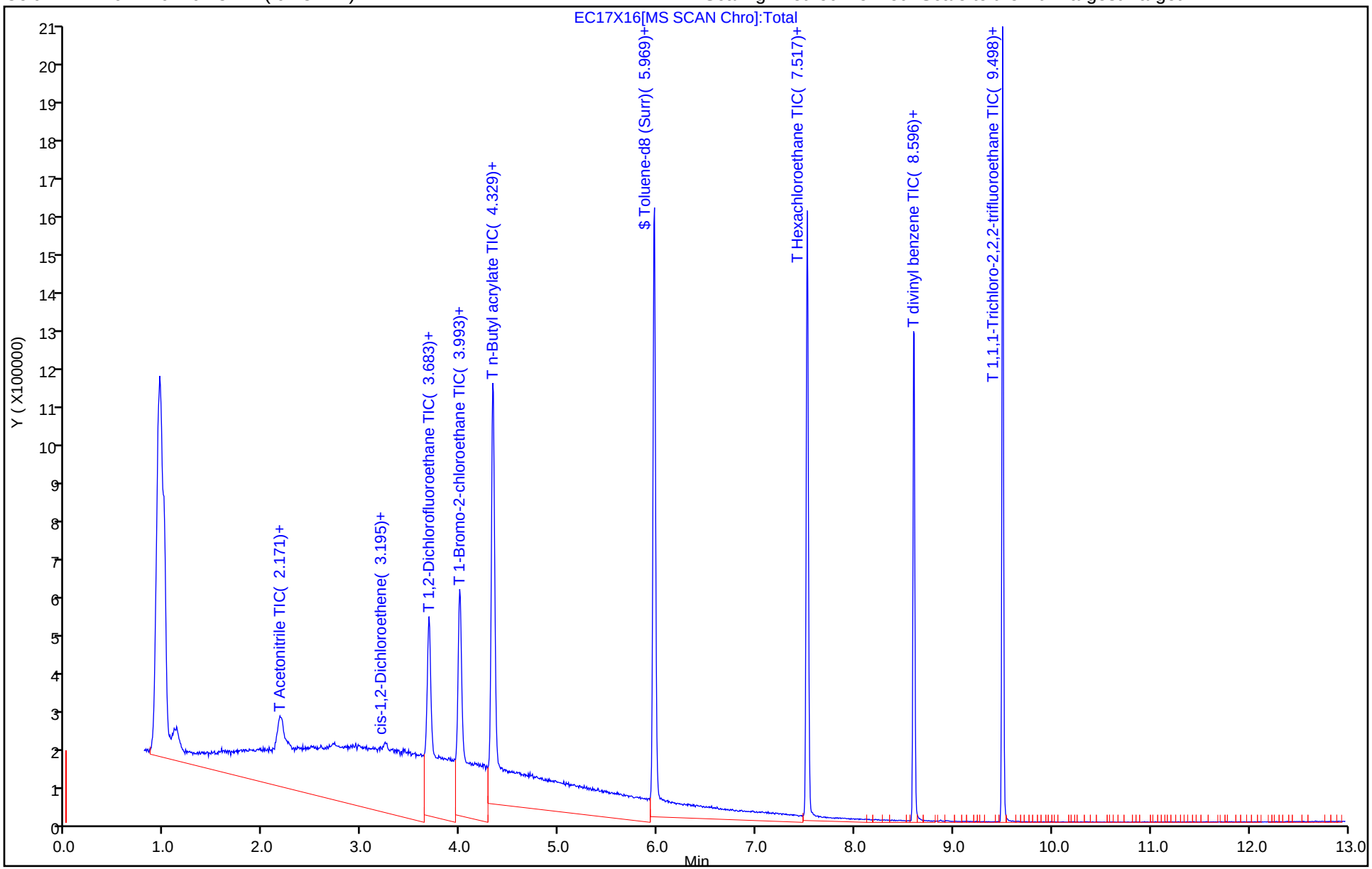
Report Date: 17-Oct-2025 20:21:24 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X16.D

Injection Date:	17-Oct-2025 15:01:30	Instrument ID:	15648	Operator ID:	HEC94097
Lims ID:	410-246092-A-4	Lab Sample ID:	410-246092-4	Worklist Smp#:	18
Client ID:	HD-MW-79-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X16.D
Lims ID: 410-246092-A-4
Client ID: HD-MW-79-0/1-0
Sample Type: Client
Inject. Date: 17-Oct-2025 15:01:30 ALS Bottle#: 16 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163548-018
Operator ID: HEC94097 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 20:21:03 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: JS6E Date: 17-Oct-2025 18:45:00

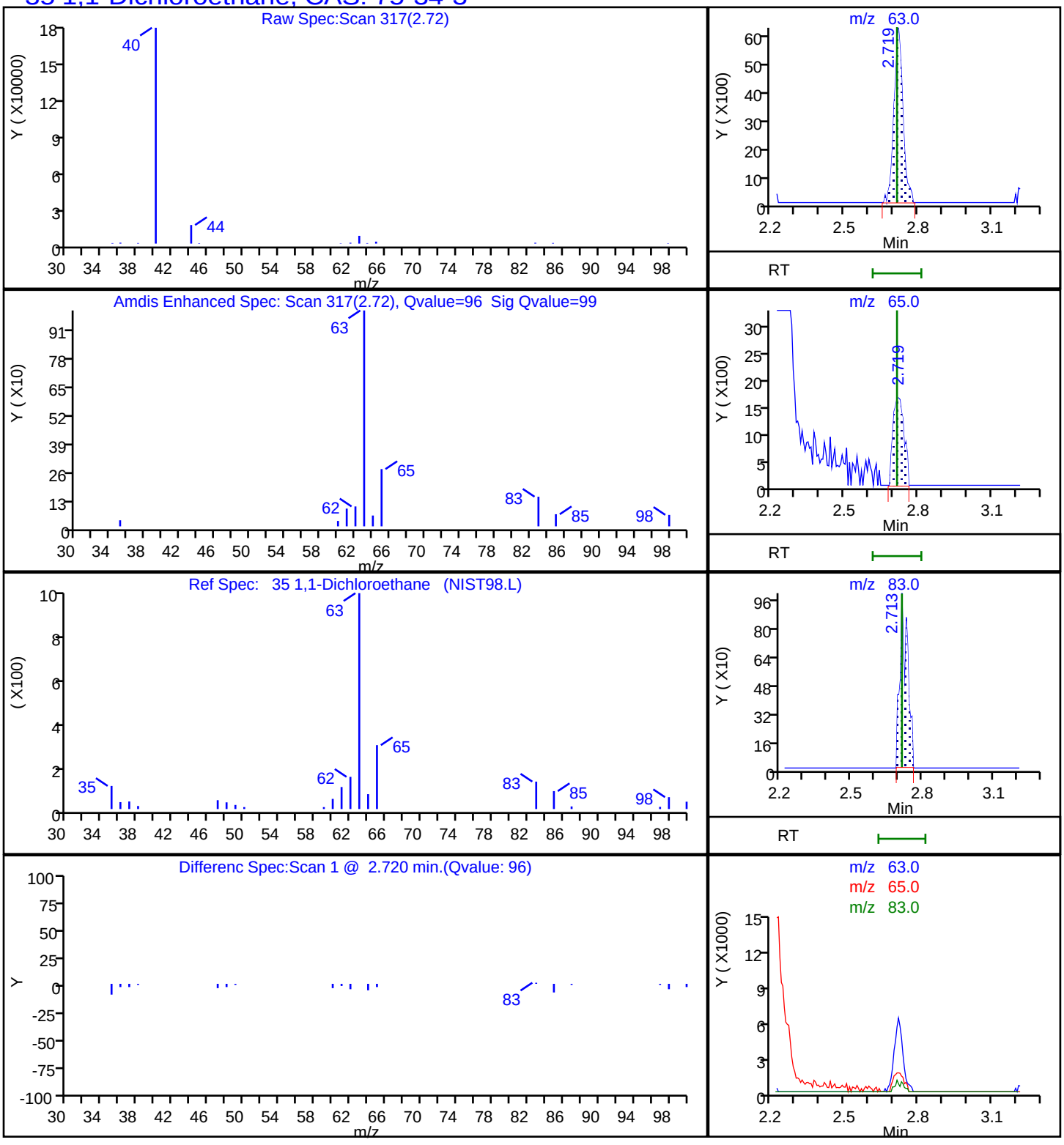
Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	54.6	109.25
$ 79 1,2-Dichloroethane-d4 (Surr)	50.0	56.2	112.31
$ 111 Toluene-d8 (Surr)	50.0	49.5	99.09
$ 140 4-Bromofluorobenzene (Surr)	50.0	43.2	86.37

Report Date: 17-Oct-2025 20:21:24 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X16.D				
Injection Date:	17-Oct-2025 15:01:30	Instrument ID:	15648		
Lims ID:	410-246092-A-4	Lab Sample ID:	410-246092-4		
Client ID:	HD-MW-79-0/1-0				
Operator ID:	HEC94097	ALS Bottle#:	16	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

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

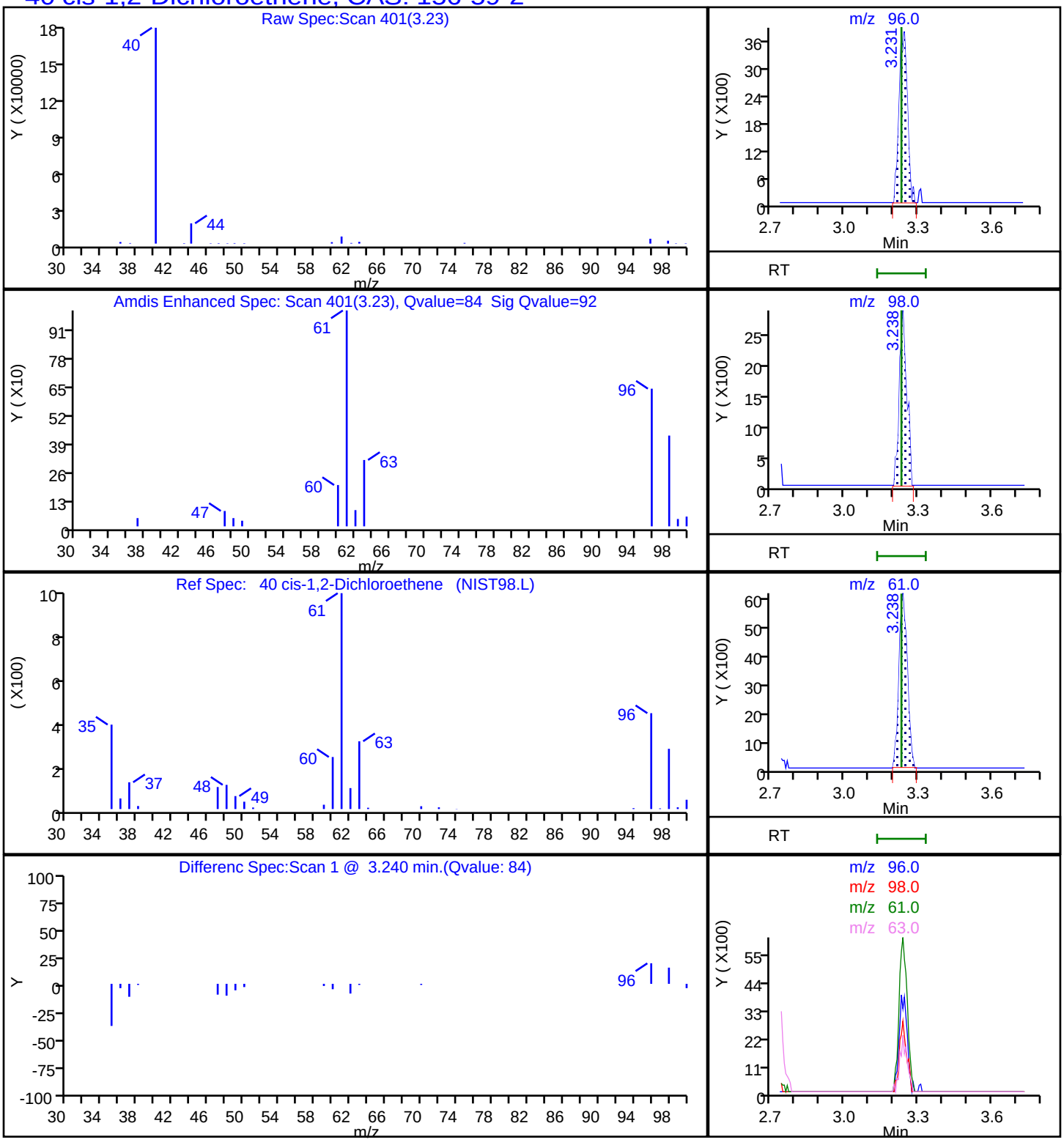


Report Date: 17-Oct-2025 20:21:24 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X16.D				
Injection Date:	17-Oct-2025 15:01:30	Instrument ID:	15648		
Lims ID:	410-246092-A-4	Lab Sample ID:	410-246092-4		
Client ID:	HD-MW-79-0/1-0				
Operator ID:	HEC94097	ALS Bottle#:	16	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

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



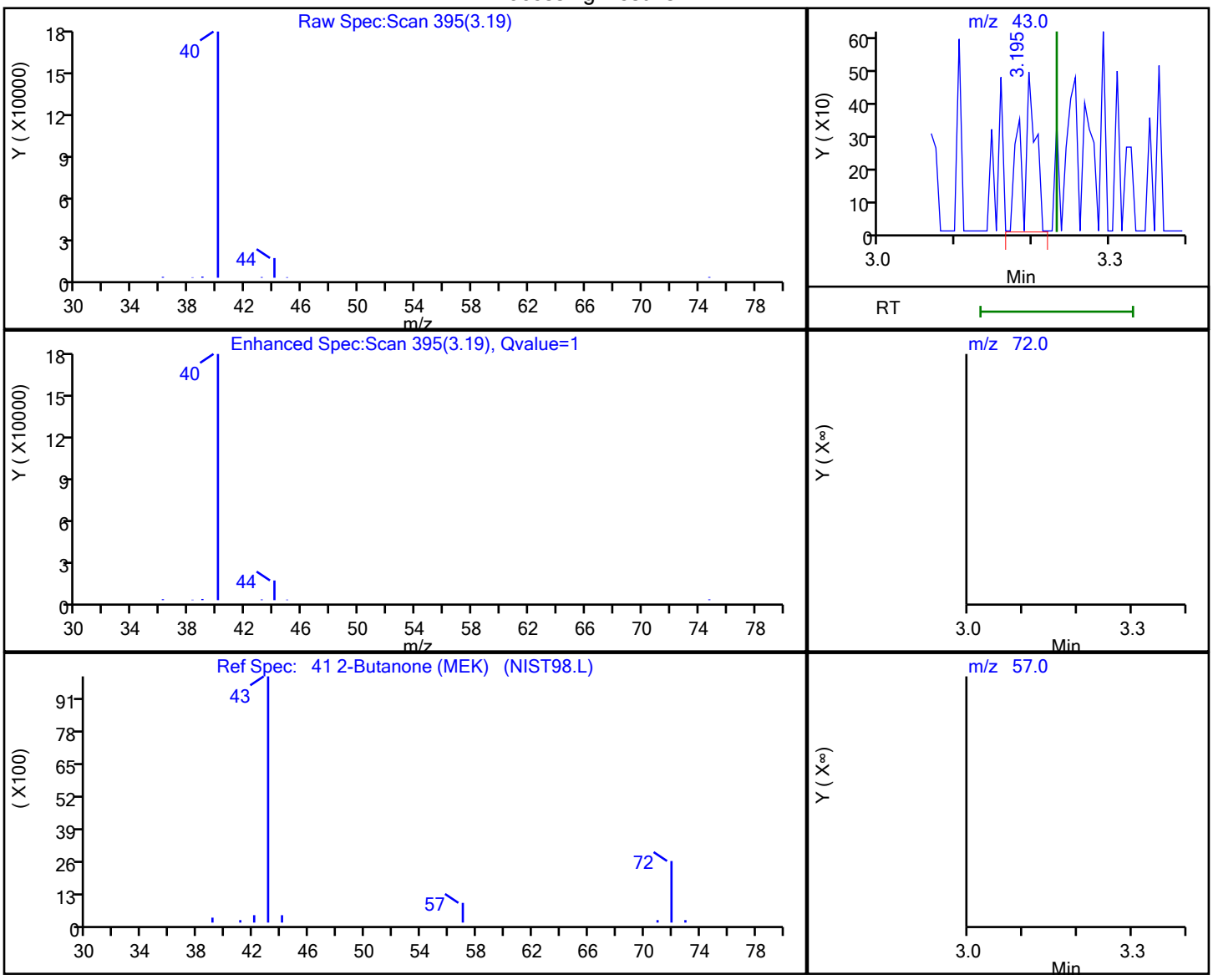
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X16.D				
Injection Date:	17-Oct-2025 15:01:30	Instrument ID:	15648		
Lims ID:	410-246092-A-4	Lab Sample ID:	410-246092-4		
Client ID:	HD-MW-79-0/1-0				
Operator ID:	HEC94097	ALS Bottle#:	16	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

41 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.19	43.00	613	0.151862
3.23	72.00	0	
3.23	57.00	0	

Reviewer: Y6ZN, 17-Oct-2025 20:15:14 -04:00:00 (UTC)

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

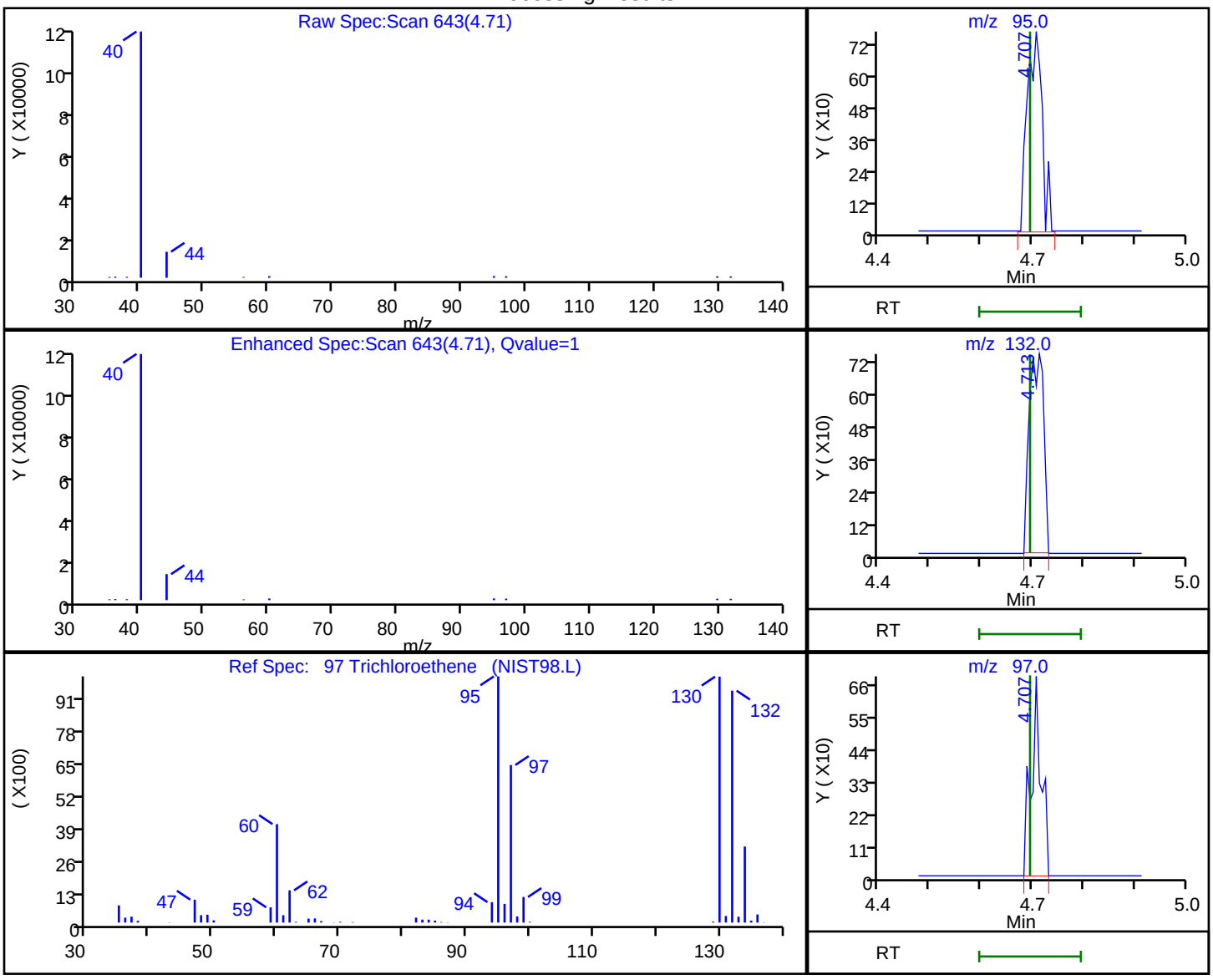
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X16.D				
Injection Date:	17-Oct-2025 15:01:30	Instrument ID:	15648		
Lims ID:	410-246092-A-4	Lab Sample ID:	410-246092-4		
Client ID:	HD-MW-79-0/1-0				
Operator ID:	HEC94097	ALS Bottle#:	16	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

97 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
4.71	95.00	1535	0.299093
4.71	132.00	1472	
4.71	97.00	937	
4.70	130.00	1164	

Reviewer: Y6ZN, 17-Oct-2025 20:15:25 -04:00:00 (UTC)

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

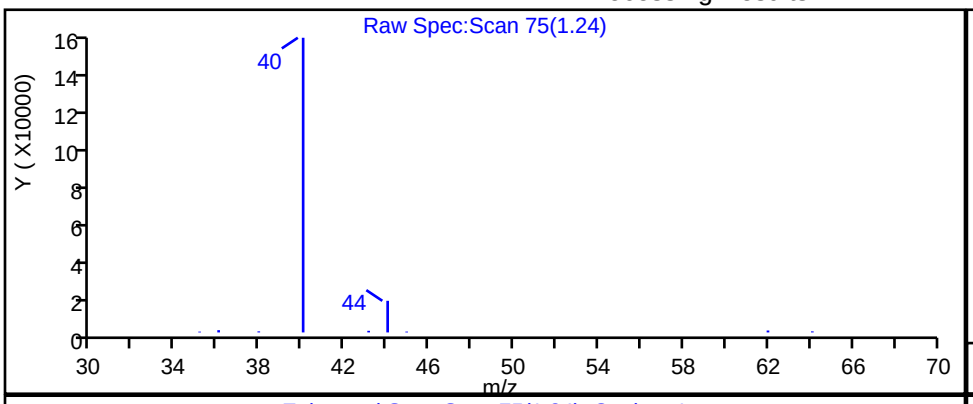
User Disabled Compound Report

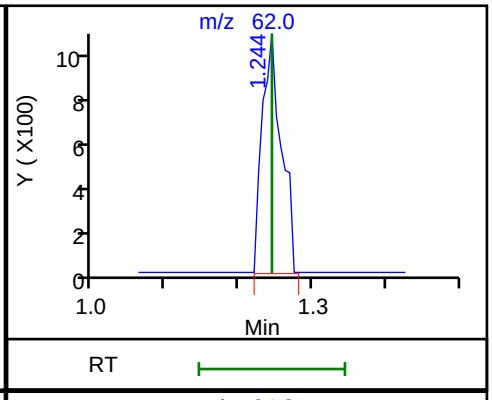
Eurofins Lancaster Laboratories Environment Testing, LLC

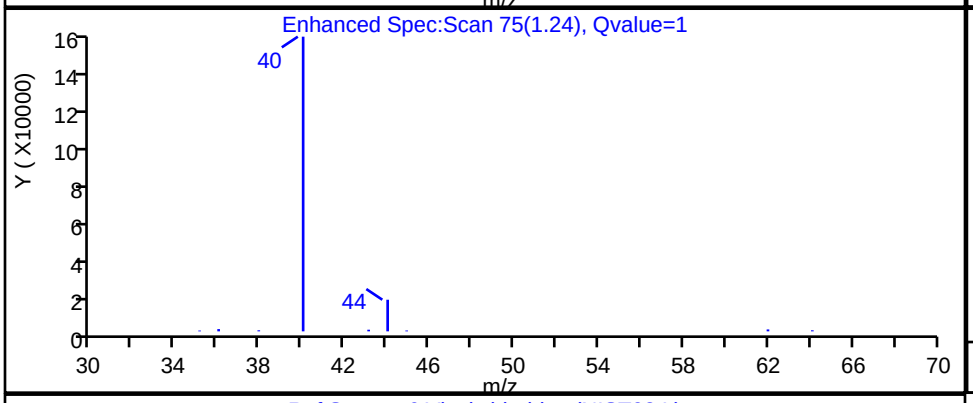
Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X16.D				
Injection Date:	17-Oct-2025 15:01:30	Instrument ID:	15648		
Lims ID:	410-246092-A-4	Lab Sample ID:	410-246092-4		
Client ID:	HD-MW-79-0/1-0				
Operator ID:	HEC94097	ALS Bottle#:	16	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

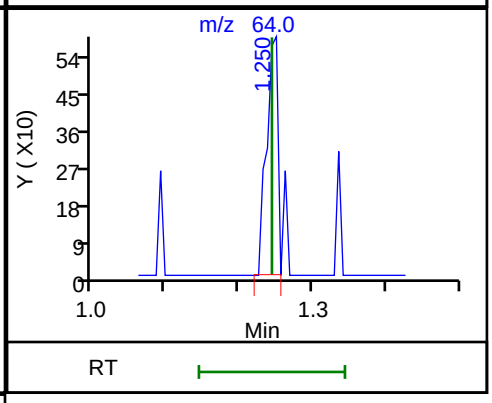
6 Vinyl chloride, CAS: 75-01-4

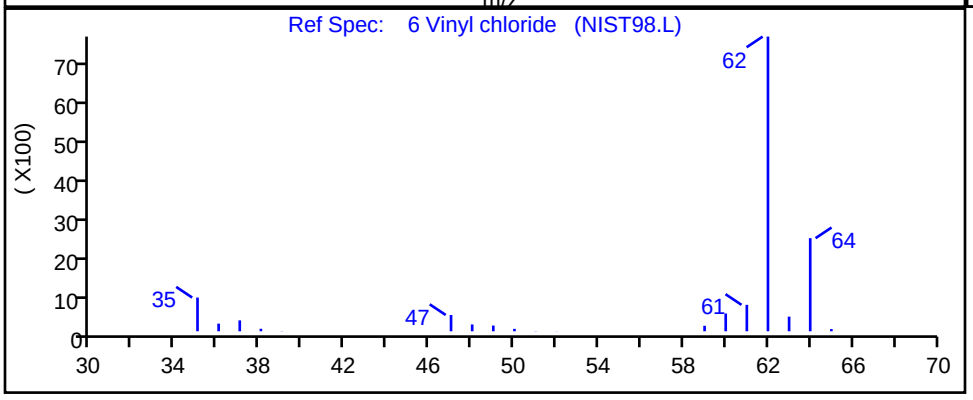
Processing Results











RT	Mass	Response	Amount
1.24	62.00	1880	0.230502
1.25	64.00	633	

Reviewer: Y6ZN, 17-Oct-2025 20:15:00 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

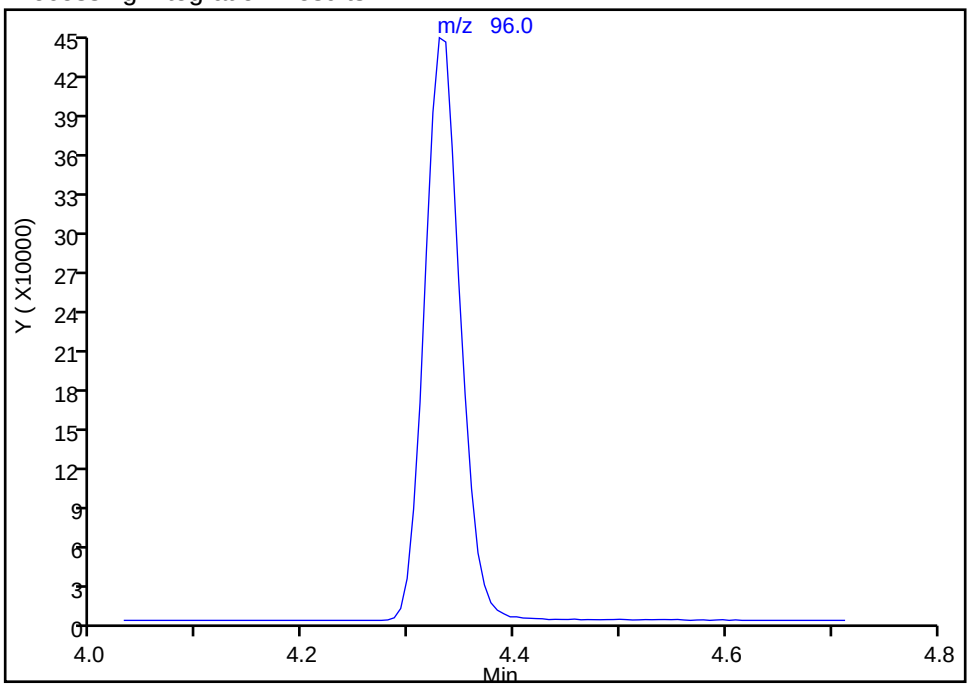
Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X16.D				
Injection Date:	17-Oct-2025 15:01:30	Instrument ID:	15648		
Lims ID:	410-246092-A-4	Lab Sample ID:	410-246092-4		
Client ID:	HD-MW-79-0/1-0				
Operator ID:	HEC94097	ALS Bottle#:	16	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

* 88 Fluorobenzene (IS), CAS: 462-06-6

Signal: 1

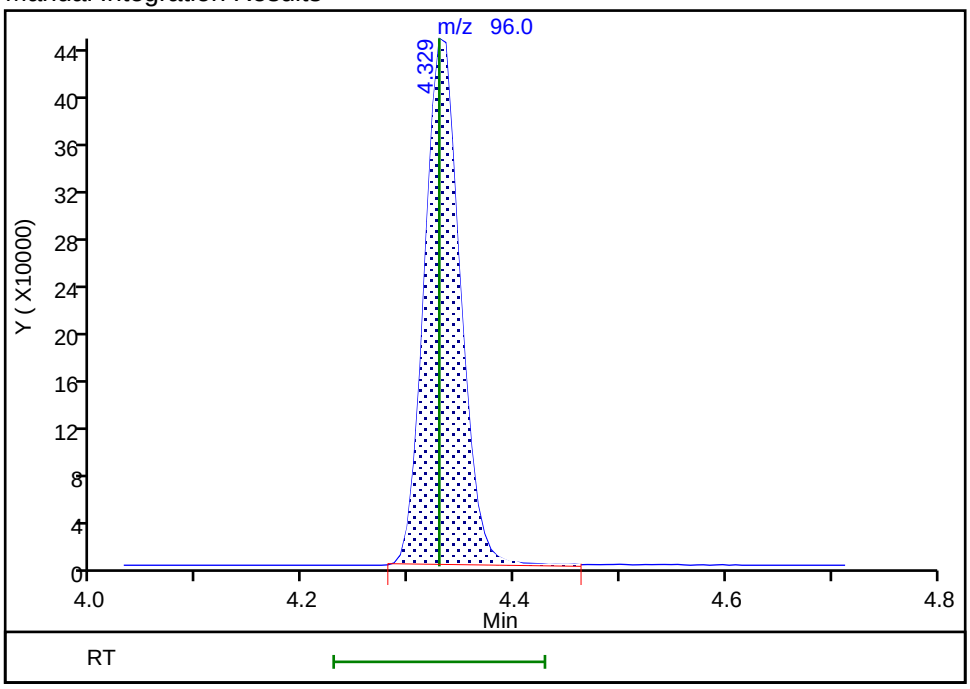
Not Detected
Expected RT: 4.33

Processing Integration Results



Manual Integration Results

RT: 4.33
Area: 1034808
Amount: 50.000000
Amount Units: ug/l



Reviewer: JS6E, 17-Oct-2025 18:44:23 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

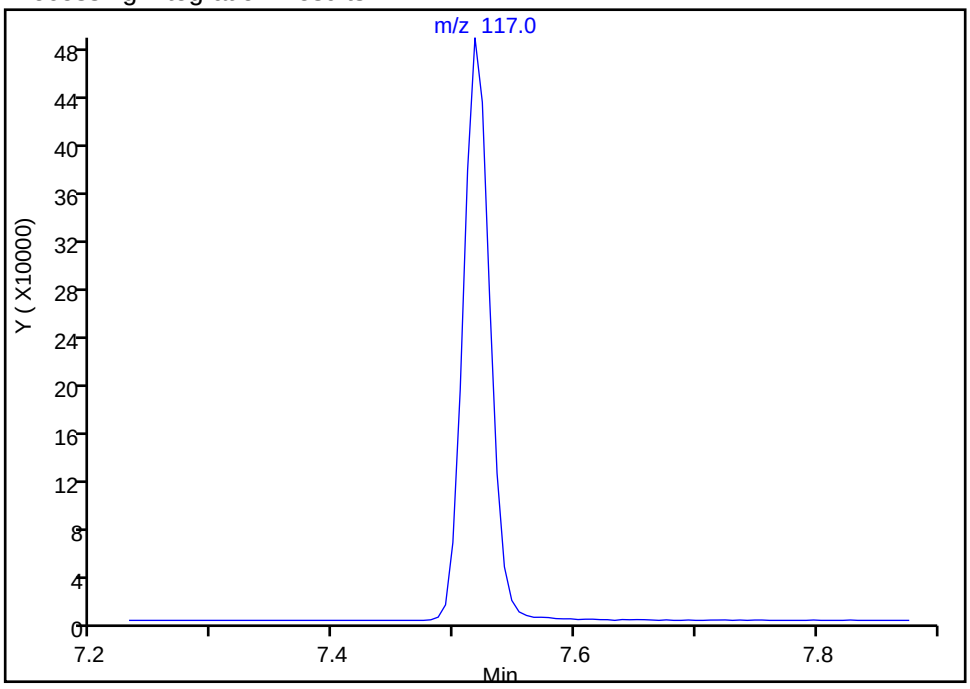
Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X16.D				
Injection Date:	17-Oct-2025 15:01:30	Instrument ID:	15648		
Lims ID:	410-246092-A-4	Lab Sample ID:	410-246092-4		
Client ID:	HD-MW-79-0/1-0				
Operator ID:	HEC94097	ALS Bottle#:	16	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

* 126 Chlorobenzene-d5 (IS), CAS: 3114-55-4

Signal: 1

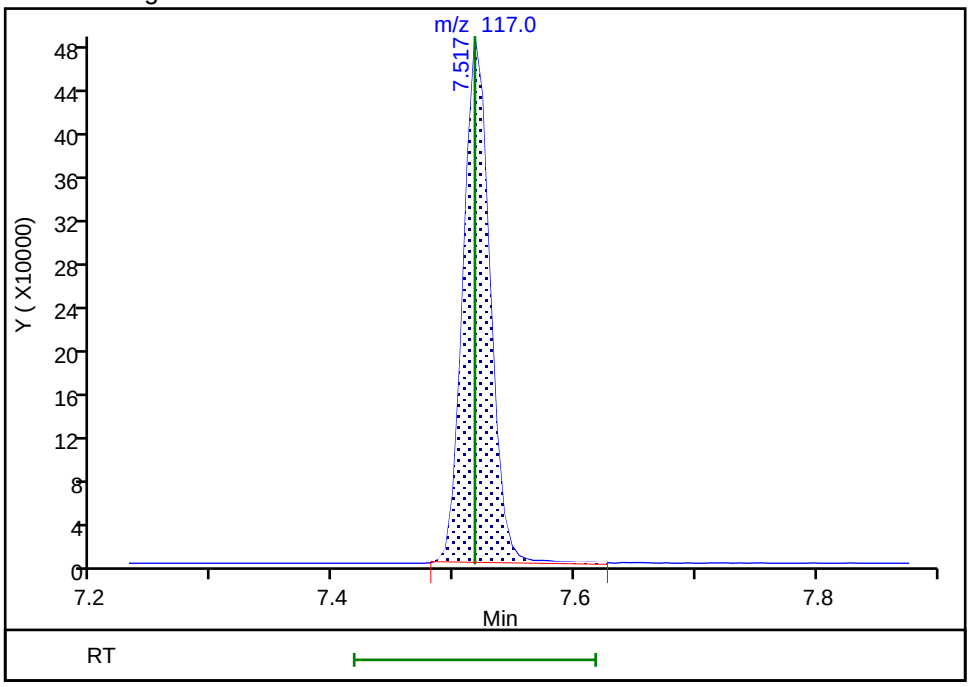
Not Detected
Expected RT: 7.52

Processing Integration Results



Manual Integration Results

RT: 7.52
Area: 744697
Amount: 50.000000
Amount Units: ug/l



Reviewer: JS6E, 17-Oct-2025 18:44:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID: HD-MW-142S-0/1-0
Lab Sample ID: 410-246092-5

Matrix: Water
Lab File ID: EC16X67.D

Analysis Method: 8260D
Date Collected: 10/06/2025 12:00

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 00:18

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715287
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND	^c cn	2.0	0.55
156-59-2	cis-1,2-Dichloroethene	6.5		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID: HD-MW-142S-0/1-0
Lab Sample ID: 410-246092-5

Matrix: Water
Lab File ID: EC16X67.D

Analysis Method: 8260D
Date Collected: 10/06/2025 12:00

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 00:18

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715287
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		80-120
460-00-4	4-Bromofluorobenzene (Surr)	88		80-120
1868-53-7	Dibromofluoromethane (Surr)	108		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\15648\20251016-163464.b\EC16X67.D
Lims ID: 410-246092-A-5
Client ID: HD-MW-142S-0/1-0
Sample Type: Client
Inject. Date: 17-Oct-2025 00:18:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163464-018
Operator ID: MCD07824 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 19:19:13 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: Y6ZN Date: 17-Oct-2025 19:16:26

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
	4 Chloromethane	50		1.183				ND	
	6 Vinyl chloride	62		1.244				ND	
	9 Chloroethane	64		1.421				ND	
	8 Bromomethane	94		1.421				ND	
	17 1,1-Dichloroethene	96		1.841				ND	
	18 Acetone	58		1.860				ND	
	23 Carbon disulfide	76		2.000				ND	
	28 Methylene Chloride	84		2.158				ND	
*	27 t-Butyl alcohol-d10 (IS)	65	2.177	2.165	0.012	25	204908	250.0	
	32 trans-1,2-Dichloroethene	96		2.372				ND	
	33 Methyl tert-butyl ether	73		2.378				ND	
	35 1,1-Dichloroethane	63		2.713				ND	
	40 cis-1,2-Dichloroethene	96	3.238	3.238	0.000	82	32573	6.54	
	41 2-Butanone (MEK)	43		3.238				ND	U
	47 Chlorobromomethane	128		3.451				ND	
	49 Chloroform	83		3.530				ND	
$	50 Dibromofluoromethane (Surr)	113	3.683	3.676	0.007	93	259139	53.8	
	51 1,1,1-Trichloroethane	97		3.713				ND	
	59 Carbon tetrachloride	117		3.872				ND	
$	79 1,2-Dichloroethane-d4 (Surr)	65	3.994	3.994	0.000	81	391740	55.9	
	84 Benzene	78		4.054				ND	
	85 1,2-Dichloroethane	62		4.067				ND	
*	88 Fluorobenzene (IS)	96	4.329	4.329	0.000	98	1016460	50.0	
	97 Trichloroethene	95		4.701				ND	
	100 1,2-Dichloropropane	63		4.914				ND	
	106 Dichlorobromomethane	83		5.207				ND	
	109 cis-1,3-Dichloropropene	75		5.682				ND	
	110 4-Methyl-2-pentanone (MIBK)	43		5.865				ND	7
$	111 Toluene-d8 (Surr)	98	5.969	5.969	0.000	95	1029801	49.6	
	112 Toluene	92		6.036				ND	
	114 trans-1,3-Dichloropropene	75		6.286				ND	
	116 1,1,2-Trichloroethane	97		6.475				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
117 Tetrachloroethene	166		6.627				ND	
121 2-Hexanone	43		6.786				ND	
122 Chlorodibromomethane	129		6.895				ND	
124 Ethylene Dibromide	107		7.005				ND	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.517	0.000	89	737850	50.0	
127 Chlorobenzene	112		7.548				ND	
129 1,1,1,2-Tetrachloroethane	131		7.639				ND	
130 Ethylbenzene	91		7.676				ND	
132 m-Xylene & p-Xylene	106		7.798				ND	7
133 o-Xylene	106		8.157				ND	
135 Styrene	104		8.170				ND	
136 Bromoform	173		8.304				ND	
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	85	338866	44.1	
143 1,1,2,2-Tetrachloroethane	83		8.730				ND	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	97	365547	50.0	
S 176 Xylenes, Total	106		11.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00048 Amount Added: 5.00 Units: uL Run Reagent

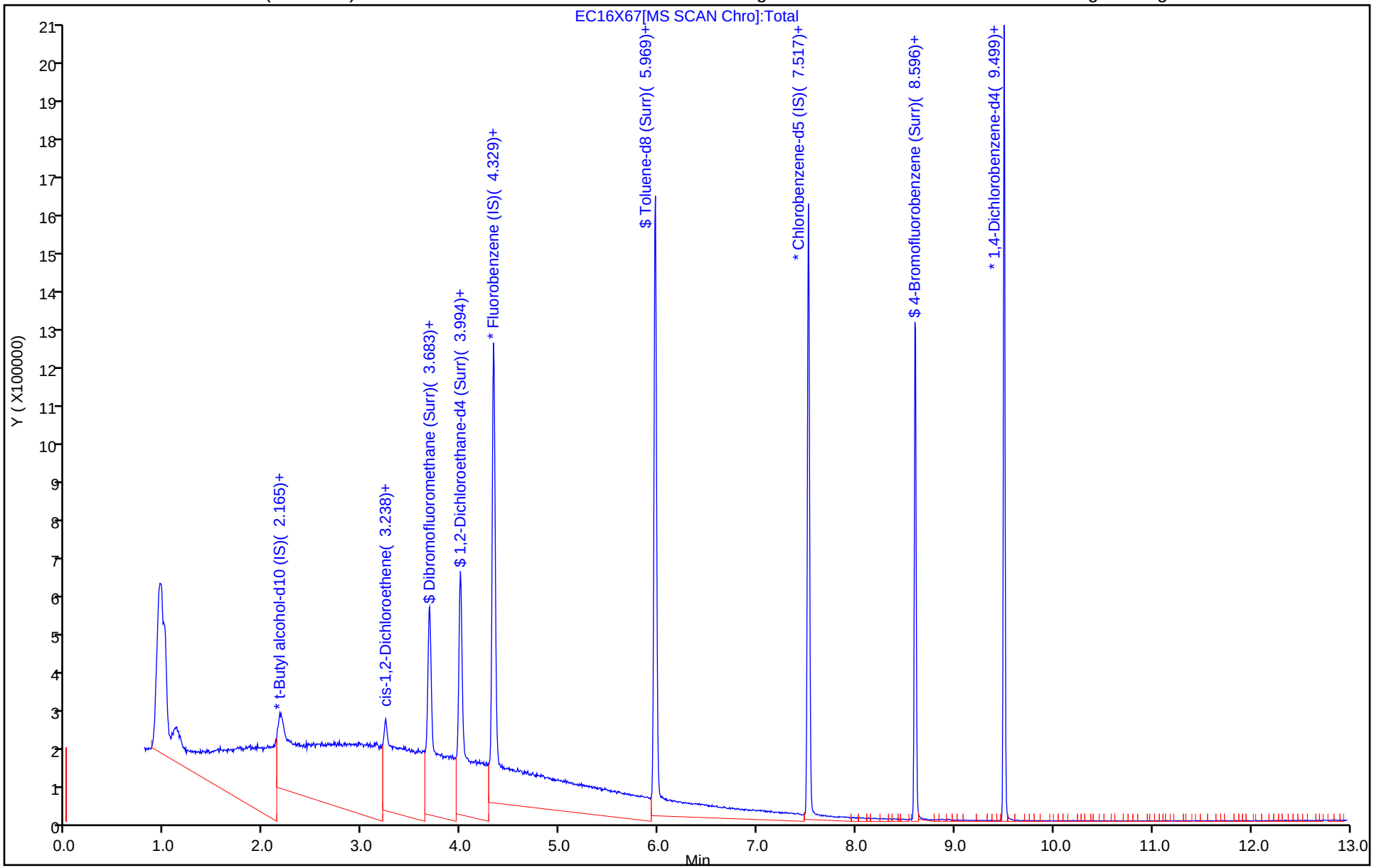
Report Date: 17-Oct-2025 19:19:24 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X67.D

Injection Date:	17-Oct-2025 00:18:30	Instrument ID:	15648	Operator ID:	MCD07824
Lims ID:	410-246092-A-5	Lab Sample ID:	410-246092-5	Worklist Smp#:	18
Client ID:	HD-MW-142S-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X67.D
Lims ID: 410-246092-A-5
Client ID: HD-MW-142S-0/1-0
Sample Type: Client
Inject. Date: 17-Oct-2025 00:18:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163464-018
Operator ID: MCD07824 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 19:19:13 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: Y6ZN Date: 17-Oct-2025 19:16:26

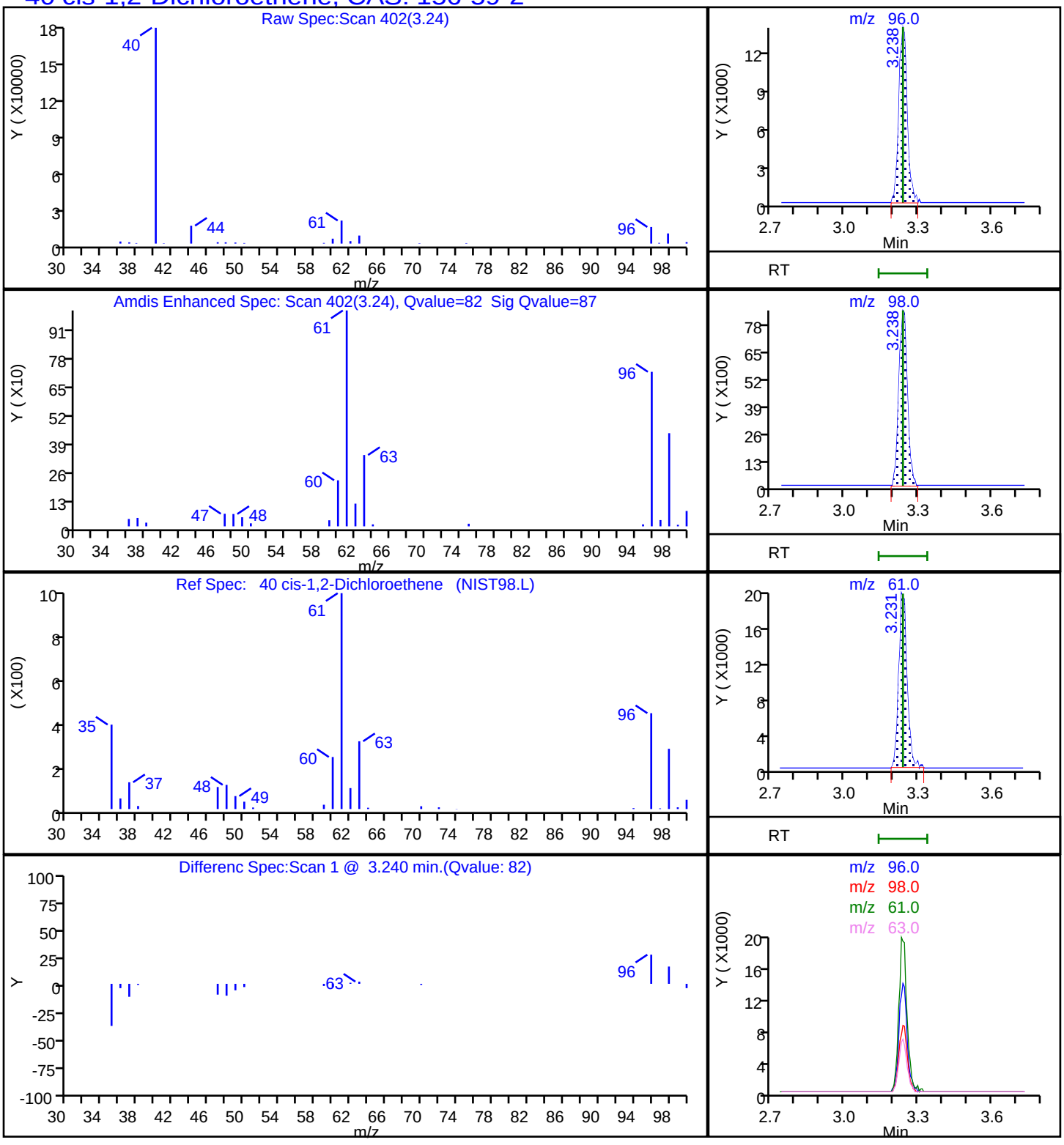
Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	53.8	107.68
$ 79 1,2-Dichloroethane-d4 (Surr)	50.0	55.9	111.89
$ 111 Toluene-d8 (Surr)	50.0	49.6	99.11
$ 140 4-Bromofluorobenzene (Surr)	50.0	44.1	88.19

Report Date: 17-Oct-2025 19:19:24 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X67.D				
Injection Date:	17-Oct-2025 00:18:30	Instrument ID:	15648		
Lims ID:	410-246092-A-5	Lab Sample ID:	410-246092-5		
Client ID:	HD-MW-142S-0/1-0				
Operator ID:	MCD07824	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

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



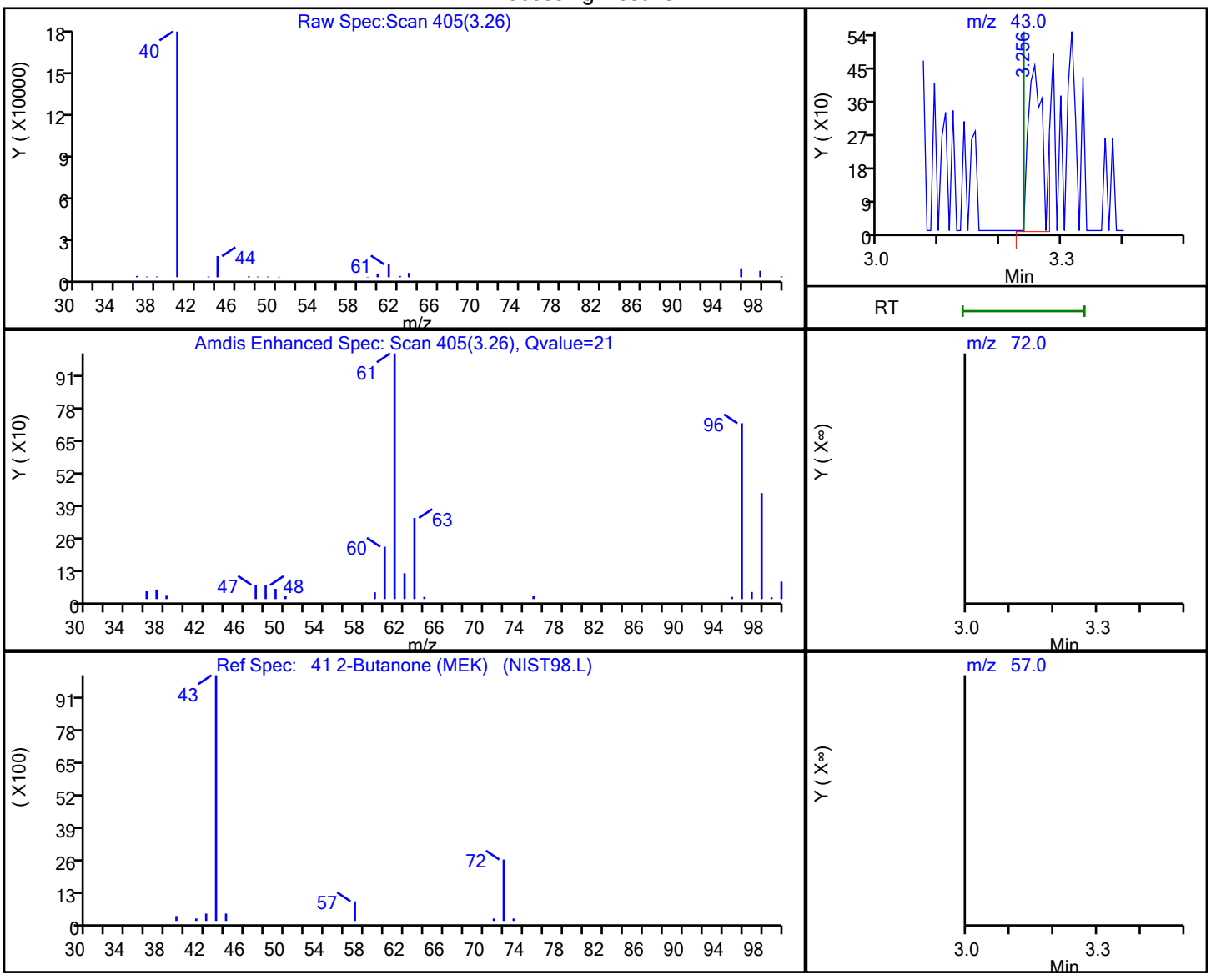
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X67.D				
Injection Date:	17-Oct-2025 00:18:30	Instrument ID:	15648		
Lims ID:	410-246092-A-5	Lab Sample ID:	410-246092-5		
Client ID:	HD-MW-142S-0/1-0				
Operator ID:	MCD07824	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

41 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.26	43.00	773	0.194956
3.24	72.00	0	
3.24	57.00	0	

Reviewer: Y6ZN, 17-Oct-2025 19:16:13 -04:00:00 (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.: 410-246092-1

SDG No.:

Client Sample ID: HD-MW-112-0/1-0
Lab Sample ID: 410-246092-6

Matrix: Water
Lab File ID: EC16X68.D

Analysis Method: 8260D
Date Collected: 10/06/2025 13:30

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 00:38

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715287
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND	^c cn	2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	1.1		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID: HD-MW-112-0/1-0
Lab Sample ID: 410-246092-6

Matrix: Water
Lab File ID: EC16X68.D

Analysis Method: 8260D
Date Collected: 10/06/2025 13:30

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 00:38

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715287
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	1.1		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		80-120
460-00-4	4-Bromofluorobenzene (Surr)	90		80-120
1868-53-7	Dibromofluoromethane (Surr)	106		80-120
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X68.D
Lims ID: 410-246092-A-6
Client ID: HD-MW-112-0/1-0
Sample Type: Client
Inject. Date: 17-Oct-2025 00:38:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163464-019
Operator ID: MCD07824 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 19:19:13 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: Y6ZN Date: 17-Oct-2025 19:18:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		1.183				ND	7
6 Vinyl chloride	62		1.244				ND	
9 Chloroethane	64		1.421				ND	
8 Bromomethane	94		1.421				ND	
17 1,1-Dichloroethene	96		1.841				ND	U
18 Acetone	58		1.860				ND	
23 Carbon disulfide	76		2.000				ND	
28 Methylene Chloride	84		2.158				ND	
* 27 t-Butyl alcohol-d10 (IS)	65	2.171	2.165	0.006	25	227008	250.0	
32 trans-1,2-Dichloroethene	96		2.372				ND	
33 Methyl tert-butyl ether	73		2.378				ND	
35 1,1-Dichloroethane	63		2.713				ND	
40 cis-1,2-Dichloroethene	96		3.238				ND	U
41 2-Butanone (MEK)	43		3.238				ND	7
47 Chlorobromomethane	128		3.451				ND	
49 Chloroform	83		3.530				ND	U
$ 50 Dibromofluoromethane (Surr)	113	3.683	3.676	0.007	92	279888	53.0	
51 1,1,1-Trichloroethane	97		3.713				ND	
59 Carbon tetrachloride	117		3.872				ND	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	3.994	3.994	0.000	81	426361	55.5	
84 Benzene	78		4.054				ND	
85 1,2-Dichloroethane	62		4.067				ND	
* 88 Fluorobenzene (IS)	96	4.329	4.329	0.000	98	1114908	50.0	
97 Trichloroethene	95	4.695	4.701	-0.006	92	5825	1.05	
100 1,2-Dichloropropane	63		4.914				ND	
106 Dichlorobromomethane	83		5.207				ND	
109 cis-1,3-Dichloropropene	75		5.682				ND	
110 4-Methyl-2-pentanone (MIBK)	43		5.865				ND	U
$ 111 Toluene-d8 (Surr)	98	5.963	5.969	-0.006	94	1130479	50.3	
112 Toluene	92		6.036				ND	7
114 trans-1,3-Dichloropropene	75		6.286				ND	
116 1,1,2-Trichloroethane	97		6.475				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
117 Tetrachloroethene	166	6.633	6.627	0.006	92	6021	1.11	
121 2-Hexanone	43		6.786				ND	7
122 Chlorodibromomethane	129		6.895				ND	
124 Ethylene Dibromide	107		7.005				ND	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.517	0.000	89	797368	50.0	
127 Chlorobenzene	112		7.548				ND	
129 1,1,1,2-Tetrachloroethane	131		7.639				ND	
130 Ethylbenzene	91		7.676				ND	
132 m-Xylene & p-Xylene	106		7.798				ND	
133 o-Xylene	106		8.157				ND	
135 Styrene	104		8.170				ND	
136 Bromoform	173		8.304				ND	
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	84	375311	45.2	
143 1,1,2,2-Tetrachloroethane	83		8.730				ND	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	97	406917	50.0	
S 176 Xylenes, Total	106		11.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00048 Amount Added: 5.00 Units: uL Run Reagent

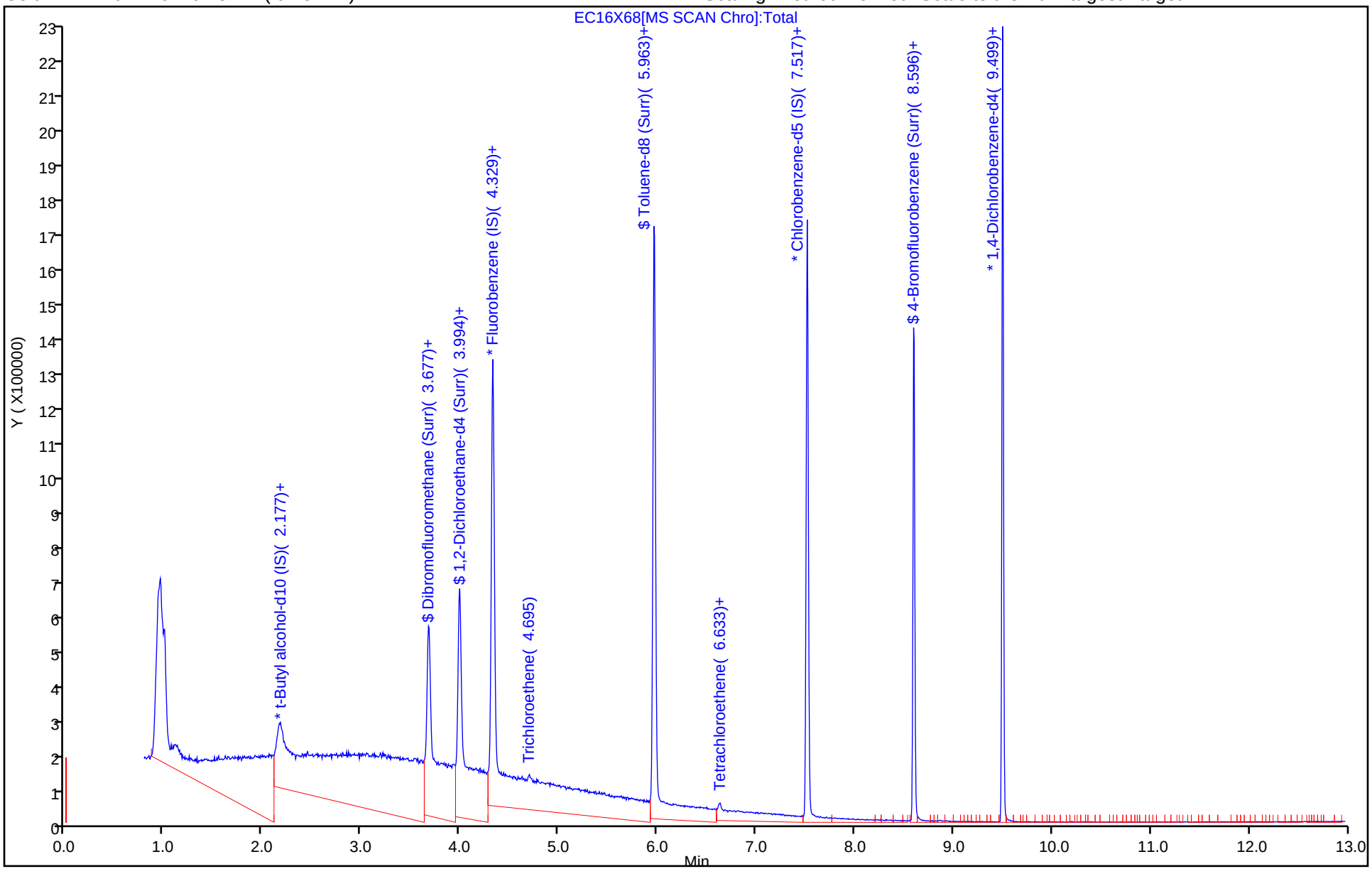
Report Date: 17-Oct-2025 19:19:26 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X68.D

Injection Date:	17-Oct-2025 00:38:30	Instrument ID:	15648	Operator ID:	MCD07824
Lims ID:	410-246092-A-6	Lab Sample ID:	410-246092-6	Worklist Smp#:	19
Client ID:	HD-MW-112-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X68.D
Lims ID: 410-246092-A-6
Client ID: HD-MW-112-0/1-0
Sample Type: Client
Inject. Date: 17-Oct-2025 00:38:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163464-019
Operator ID: MCD07824 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 19:19:13 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: Y6ZN Date: 17-Oct-2025 19:18:07

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	53.0	106.03
$ 79 1,2-Dichloroethane-d4 (Surr)	50.0	55.5	111.02
$ 111 Toluene-d8 (Surr)	50.0	50.3	100.68
$ 140 4-Bromofluorobenzene (Surr)	50.0	45.2	90.38

Report Date: 17-Oct-2025 19:19:26 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X68.D

Injection Date: 17-Oct-2025 00:38:30 Instrument ID: 15648

Lims ID: 410-246092-A-6 Lab Sample ID: 410-246092-6

Client ID: HD-MW-112-0/1-0

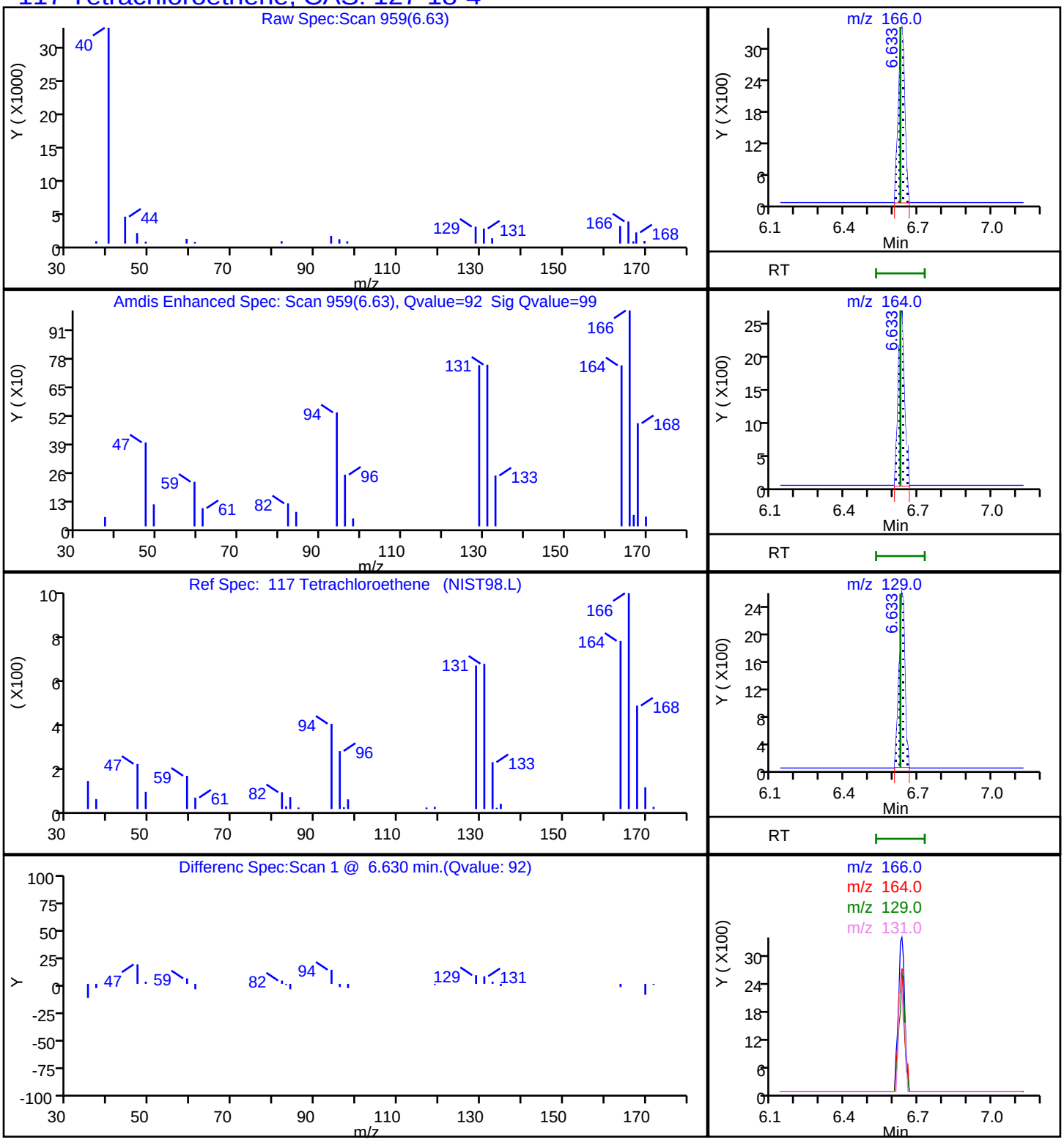
Operator ID: MCD07824 ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: MSVoa_15648 Limit Group: MSV - 8260C_D

Column: DB-624 20m 0.18mm (0.18 mm) Detector MS Quad

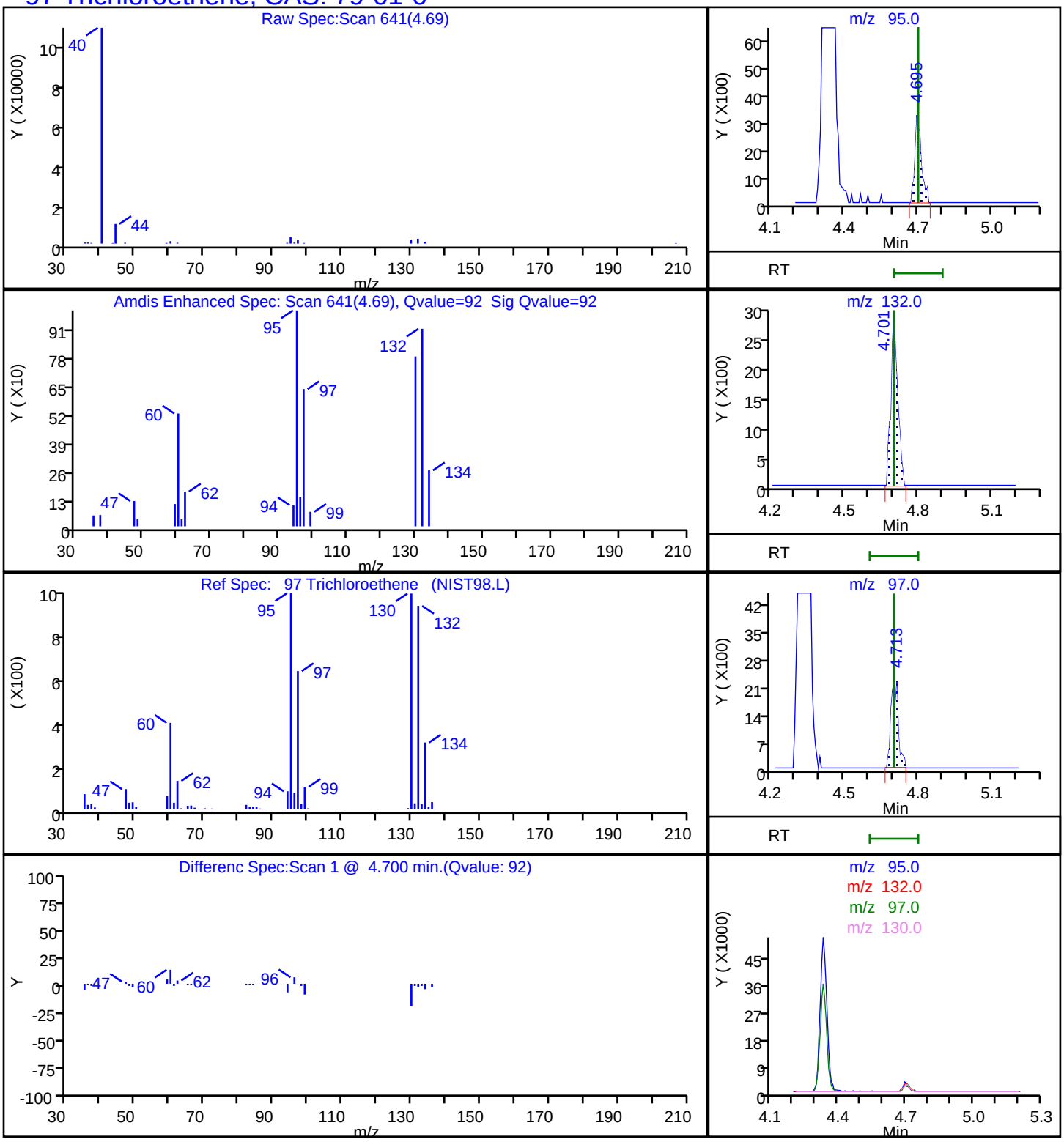
117 Tetrachloroethene, CAS: 127-18-4



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X68.D				
Injection Date:	17-Oct-2025 00:38:30	Instrument ID:	15648		
Lims ID:	410-246092-A-6	Lab Sample ID:	410-246092-6		
Client ID:	HD-MW-112-0/1-0				
Operator ID:	MCD07824	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

97 Trichloroethene, CAS: 79-01-6



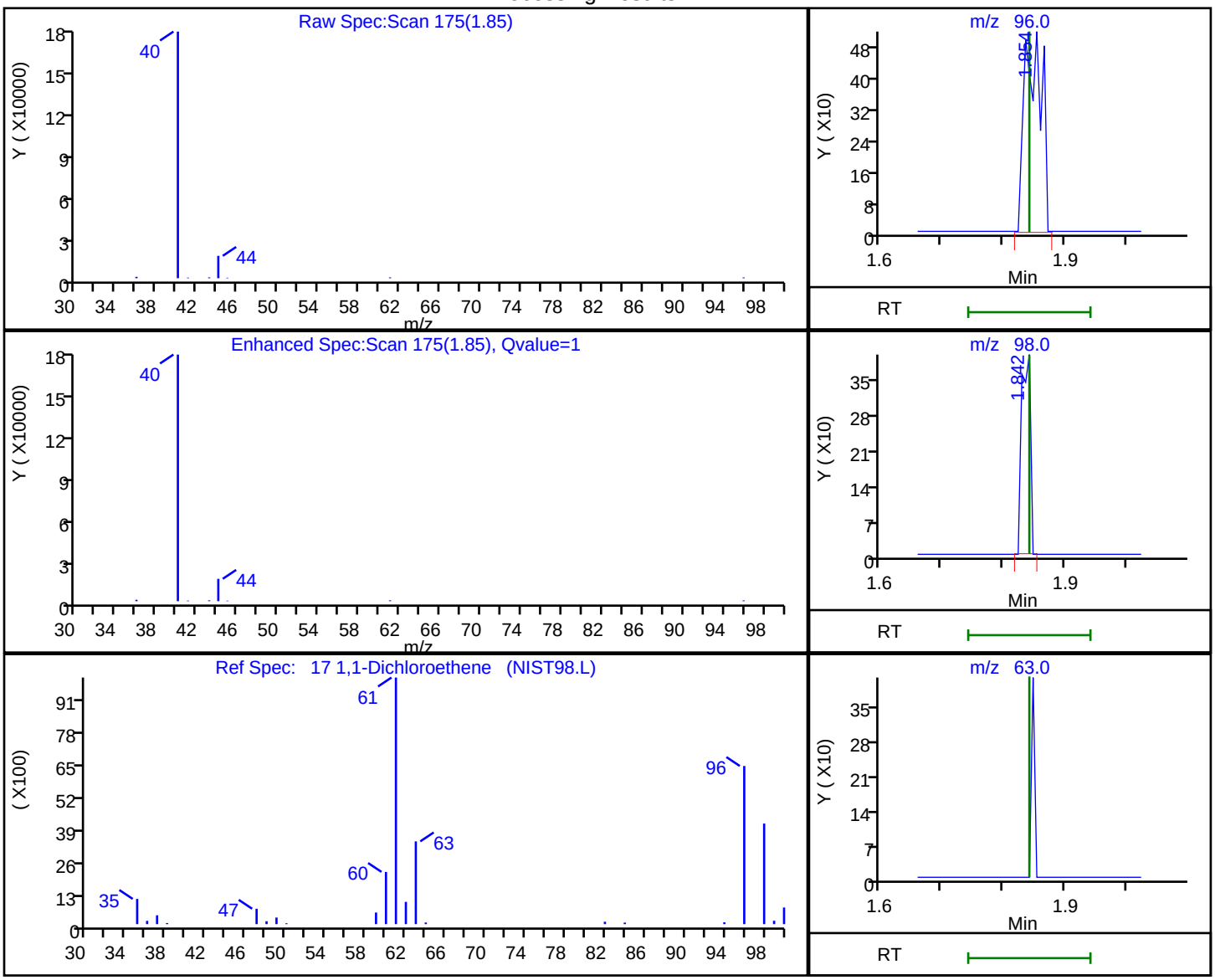
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X68.D				
Injection Date:	17-Oct-2025 00:38:30	Instrument ID:	15648		
Lims ID:	410-246092-A-6	Lab Sample ID:	410-246092-6		
Client ID:	HD-MW-112-0/1-0				
Operator ID:	MCD07824	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
1.85	96.00	1011	0.227712
1.84	98.00	401	
1.84	61.00	1477	
1.84	63.00	0	

Reviewer: Y6ZN, 17-Oct-2025 19:17:25 -04:00:00 (UTC)

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

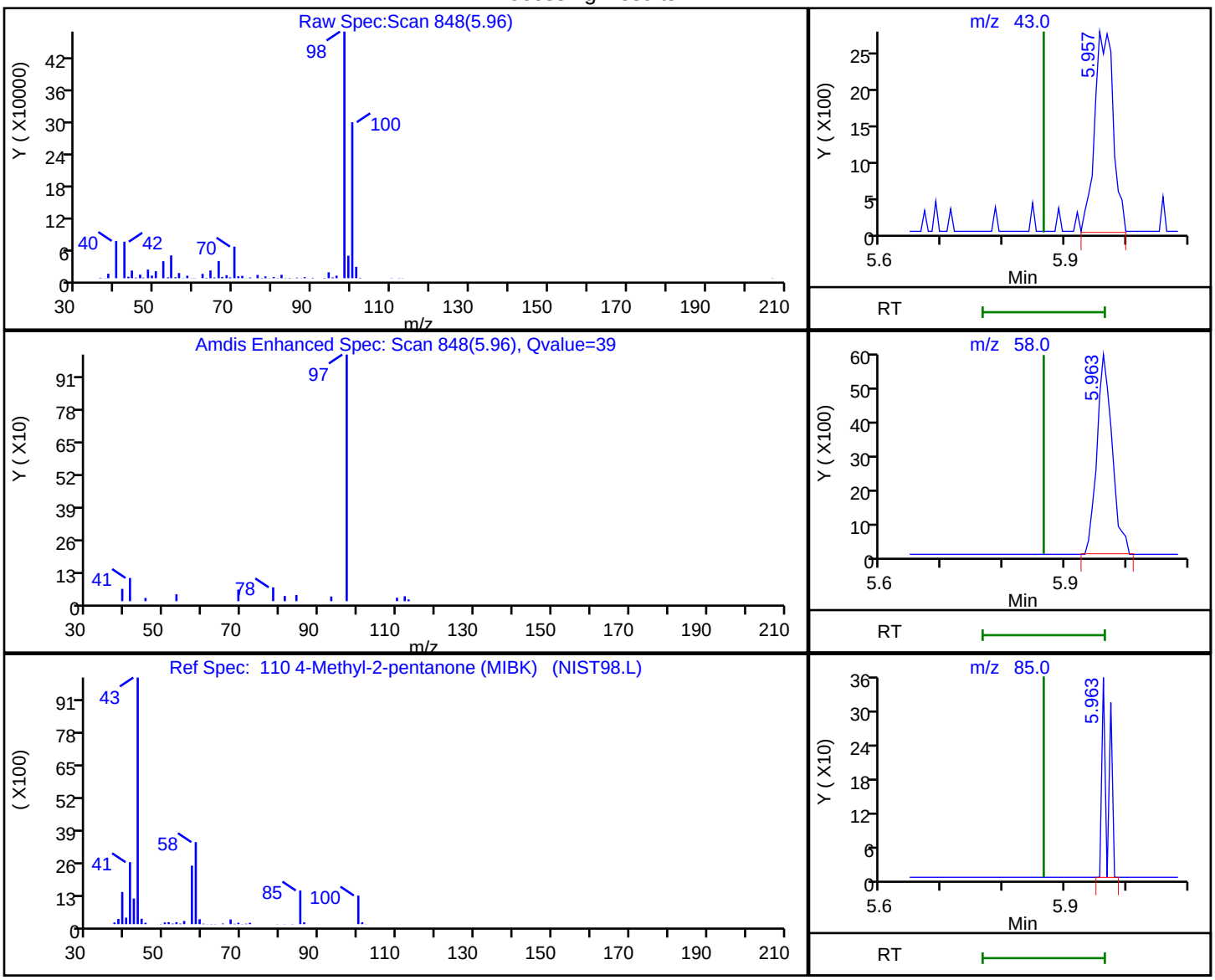
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X68.D				
Injection Date:	17-Oct-2025 00:38:30	Instrument ID:	15648		
Lims ID:	410-246092-A-6	Lab Sample ID:	410-246092-6		
Client ID:	HD-MW-112-0/1-0				
Operator ID:	MCD07824	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

110 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
5.96	43.00	5847	0.670388
5.96	58.00	10276	
5.96	85.00	247	
5.96	100.00	717674	

Reviewer: Y6ZN, 17-Oct-2025 19:17:41 -04:00:00 (UTC)

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

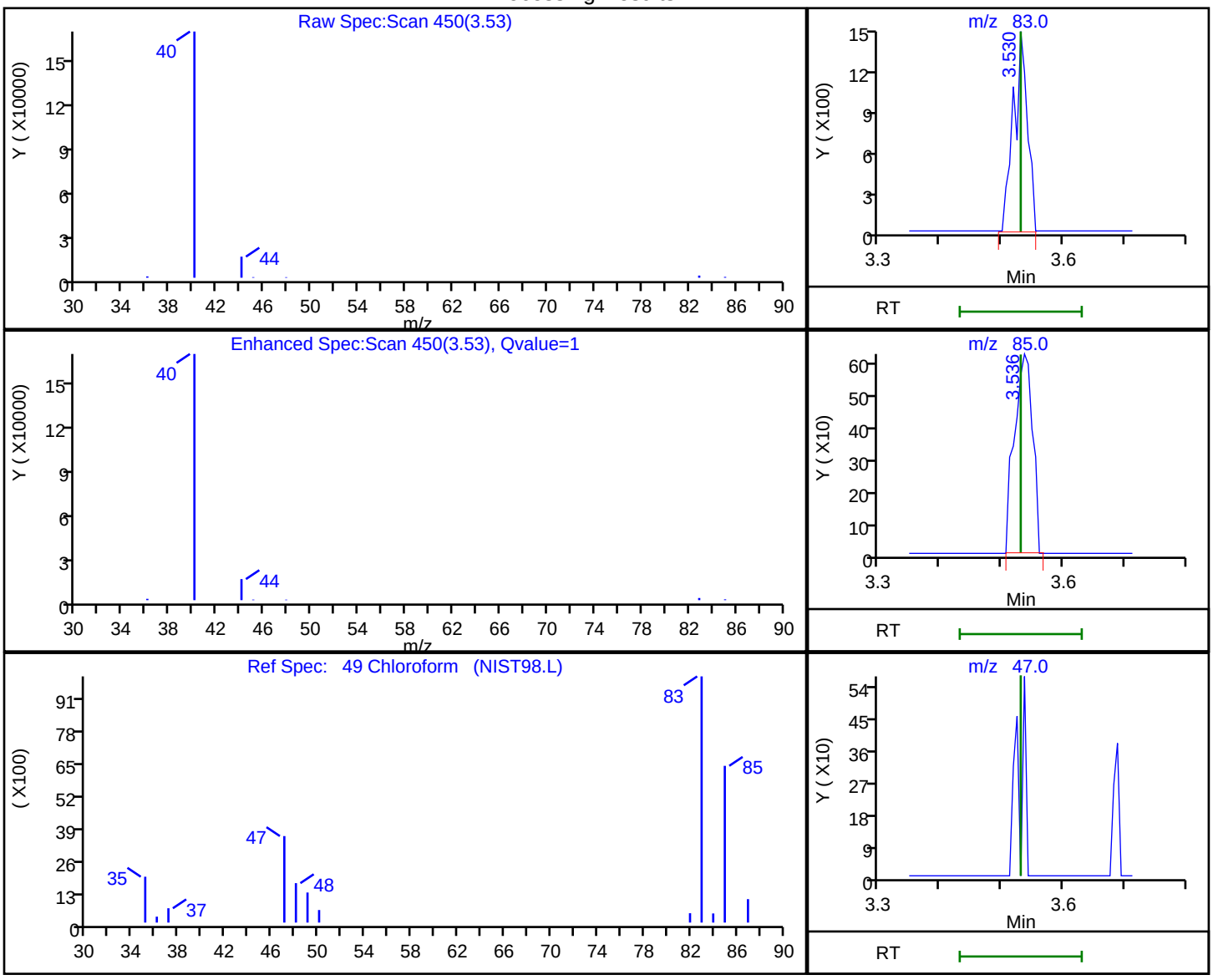
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X68.D				
Injection Date:	17-Oct-2025 00:38:30	Instrument ID:	15648		
Lims ID:	410-246092-A-6	Lab Sample ID:	410-246092-6		
Client ID:	HD-MW-112-0/1-0				
Operator ID:	MCD07824	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

49 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
3.53	83.00	2284	0.243932
3.54	85.00	1295	
3.53	47.00	0	

Reviewer: Y6ZN, 17-Oct-2025 19:17:35 -04:00:00 (UTC)

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

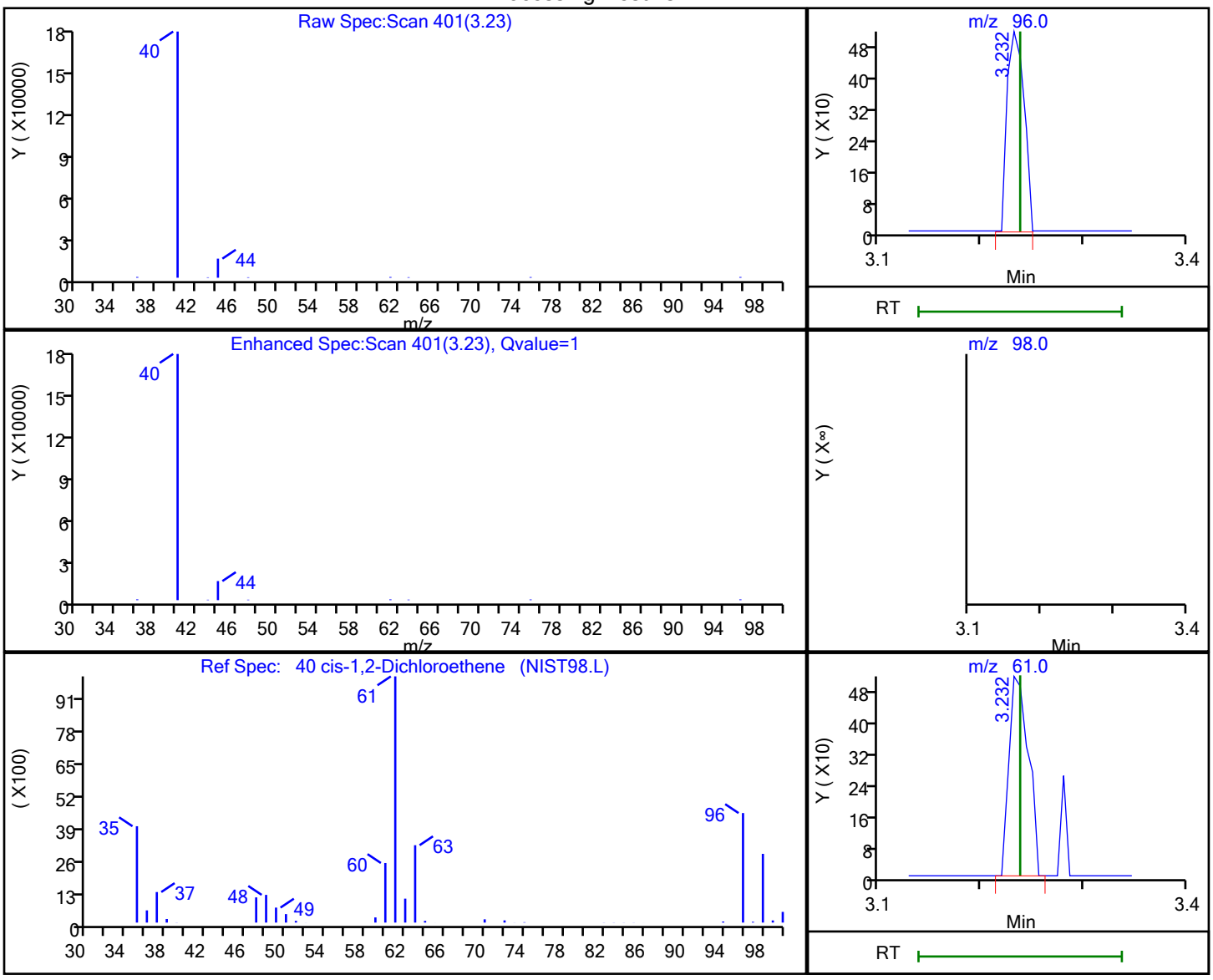
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X68.D				
Injection Date:	17-Oct-2025 00:38:30	Instrument ID:	15648		
Lims ID:	410-246092-A-6	Lab Sample ID:	410-246092-6		
Client ID:	HD-MW-112-0/1-0				
Operator ID:	MCD07824	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
3.23	96.00	599	0.109665
3.23	61.00	687	
3.24	98.00	0	
3.24	63.00	0	

Reviewer: Y6ZN, 17-Oct-2025 19:17:31 -04:00:00 (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.: 410-246092-1

SDG No.:

Client Sample ID: HD-QC3-0/1-1
Lab Sample ID: 410-246092-7

Matrix: Water
Lab File ID: EC16X69.D

Analysis Method: 8260D
Date Collected: 10/06/2025 08:00

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 00:58

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715287
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND	^c cn	2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	1.2		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID: HD-QC3-0/1-1
Lab Sample ID: 410-246092-7

Matrix: Water
Lab File ID: EC16X69.D

Analysis Method: 8260D
Date Collected: 10/06/2025 08:00

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 00:58

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715287
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	1.1		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		80-120
460-00-4	4-Bromofluorobenzene (Surr)	89		80-120
1868-53-7	Dibromofluoromethane (Surr)	105		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X69.D
Lims ID: 410-246092-A-7
Client ID: HD-QC3-0/1-1
Sample Type: Client
Inject. Date: 17-Oct-2025 00:58:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163464-020
Operator ID: MCD07824 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 19:19:13 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: Y6ZN Date: 17-Oct-2025 19:18:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		1.183				ND	7
6 Vinyl chloride	62		1.244				ND	
9 Chloroethane	64		1.421				ND	
8 Bromomethane	94		1.421				ND	
17 1,1-Dichloroethene	96		1.841				ND	U
18 Acetone	58		1.860				ND	
23 Carbon disulfide	76		2.000				ND	
28 Methylene Chloride	84		2.158				ND	
* 27 t-Butyl alcohol-d10 (IS)	65	2.165	2.165	0.000	25	213259	250.0	
32 trans-1,2-Dichloroethene	96		2.372				ND	
33 Methyl tert-butyl ether	73		2.378				ND	
35 1,1-Dichloroethane	63		2.713				ND	
40 cis-1,2-Dichloroethene	96		3.238				ND	
41 2-Butanone (MEK)	43		3.238				ND	
47 Chlorobromomethane	128		3.451				ND	
49 Chloroform	83	3.530	3.530	0.000	39	2412	0.2711	
$ 50 Dibromofluoromethane (Surr)	113	3.676	3.676	0.000	93	264113	52.7	
51 1,1,1-Trichloroethane	97		3.713				ND	
59 Carbon tetrachloride	117		3.872				ND	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	3.987	3.994	-0.007	81	401257	55.0	
84 Benzene	78		4.054				ND	U
85 1,2-Dichloroethane	62		4.067				ND	
* 88 Fluorobenzene (IS)	96	4.323	4.329	-0.006	98	1059258	50.0	
97 Trichloroethene	95	4.701	4.701	0.000	95	5805	1.10	
100 1,2-Dichloropropane	63		4.914				ND	
106 Dichlorobromomethane	83		5.207				ND	
109 cis-1,3-Dichloropropene	75		5.682				ND	
110 4-Methyl-2-pentanone (MIBK)	43		5.865				ND	
$ 111 Toluene-d8 (Surr)	98	5.963	5.969	-0.006	95	1065928	50.1	
112 Toluene	92		6.036				ND	
114 trans-1,3-Dichloropropene	75		6.286				ND	
116 1,1,2-Trichloroethane	97		6.475				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
117 Tetrachloroethene	166	6.633	6.627	0.006	94	6079	1.18	
121 2-Hexanone	43		6.786				ND	
122 Chlorodibromomethane	129		6.895				ND	
124 Ethylene Dibromide	107		7.005				ND	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.517	0.000	89	755447	50.0	
127 Chlorobenzene	112		7.548				ND	
129 1,1,1,2-Tetrachloroethane	131		7.639				ND	
130 Ethylbenzene	91		7.676				ND	
132 m-Xylene & p-Xylene	106		7.798				ND	
133 o-Xylene	106		8.157				ND	
135 Styrene	104		8.170				ND	
136 Bromoform	173		8.304				ND	
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	85	351908	44.7	
143 1,1,2,2-Tetrachloroethane	83		8.730				ND	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	-0.001	97	384977	50.0	
S 176 Xylenes, Total	106		11.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00048 Amount Added: 5.00 Units: uL Run Reagent

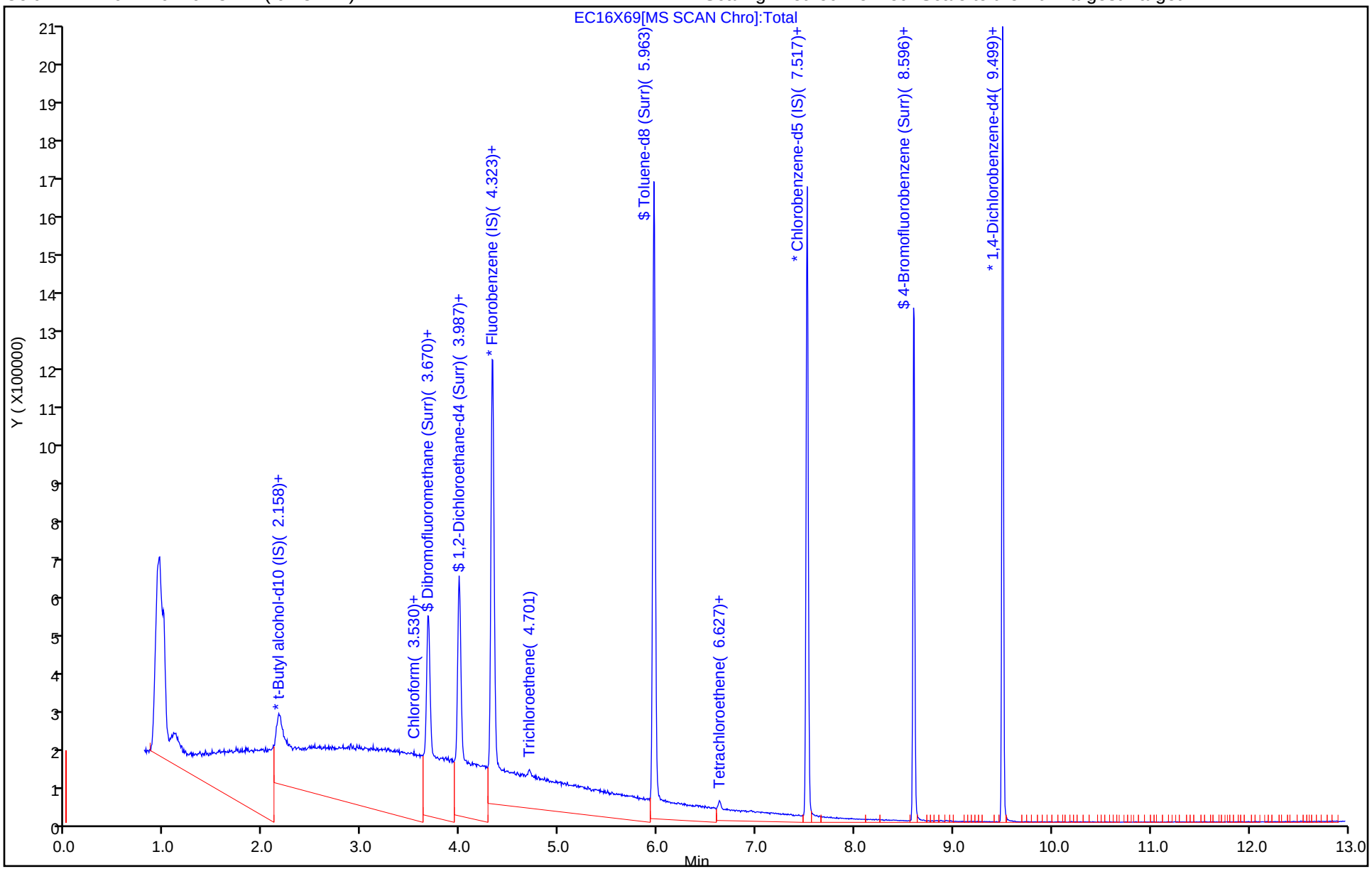
Report Date: 17-Oct-2025 19:19:28 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X69.D

Injection Date:	17-Oct-2025 00:58:30	Instrument ID:	15648	Operator ID:	MCD07824
Lims ID:	410-246092-A-7	Lab Sample ID:	410-246092-7	Worklist Smp#:	20
Client ID:	HD-QC3-0/1-1				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X69.D
Lims ID: 410-246092-A-7
Client ID: HD-QC3-0/1-1
Sample Type: Client
Inject. Date: 17-Oct-2025 00:58:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163464-020
Operator ID: MCD07824 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 19:19:13 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: Y6ZN Date: 17-Oct-2025 19:18:40

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.7	105.31
$ 79 1,2-Dichloroethane-d4 (Surr)	50.0	55.0	109.98
$ 111 Toluene-d8 (Surr)	50.0	50.1	100.20
$ 140 4-Bromofluorobenzene (Surr)	50.0	44.7	89.45

Report Date: 17-Oct-2025 19:19:28 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X69.D

Injection Date: 17-Oct-2025 00:58:30 Instrument ID: 15648

Lims ID: 410-246092-A-7 Lab Sample ID: 410-246092-7

Client ID: HD-QC3-0/1-1

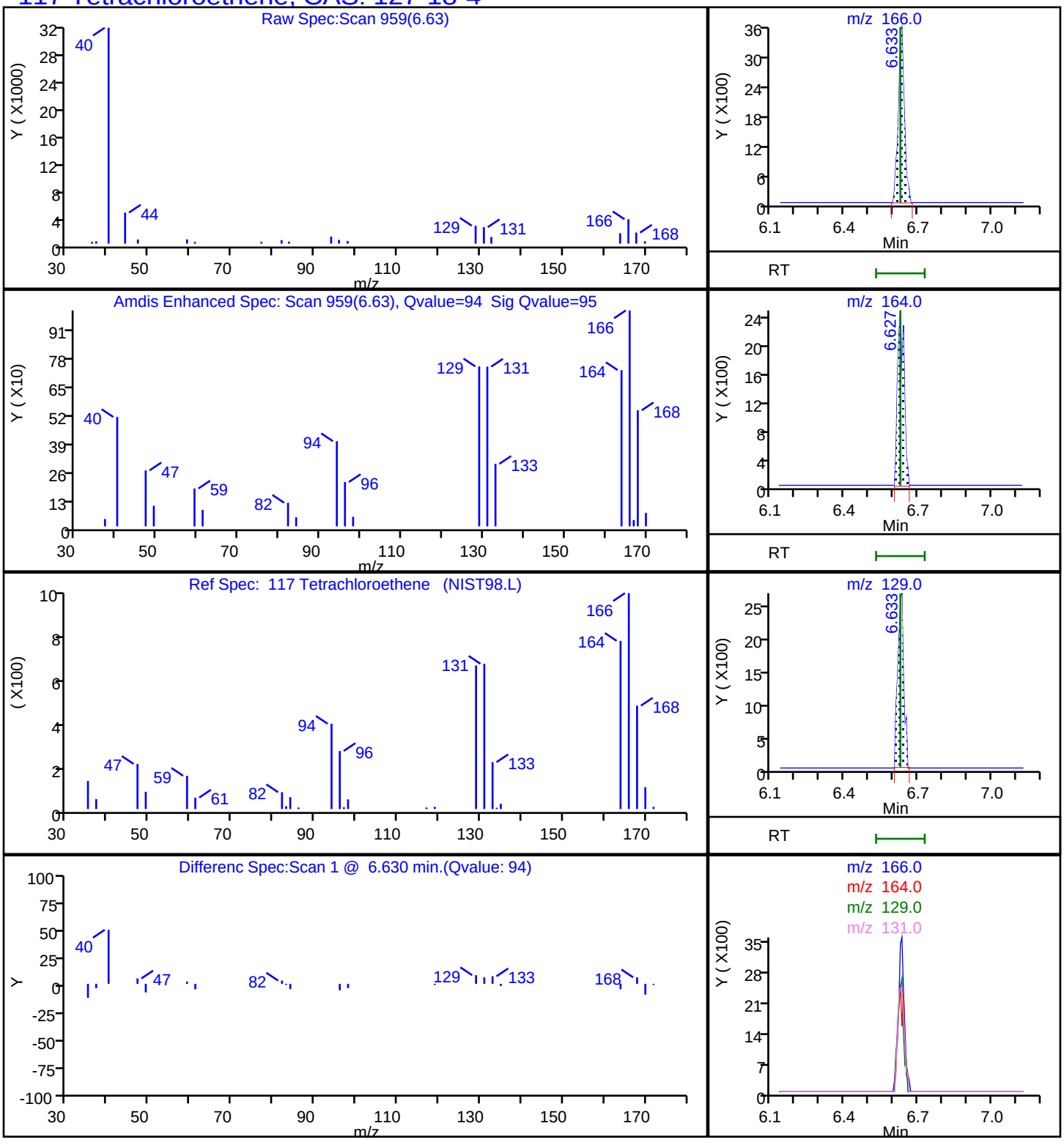
Operator ID: MCD07824 ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: MSVoa_15648 Limit Group: MSV - 8260C_D

Column: DB-624 20m 0.18mm (0.18 mm) Detector MS Quad

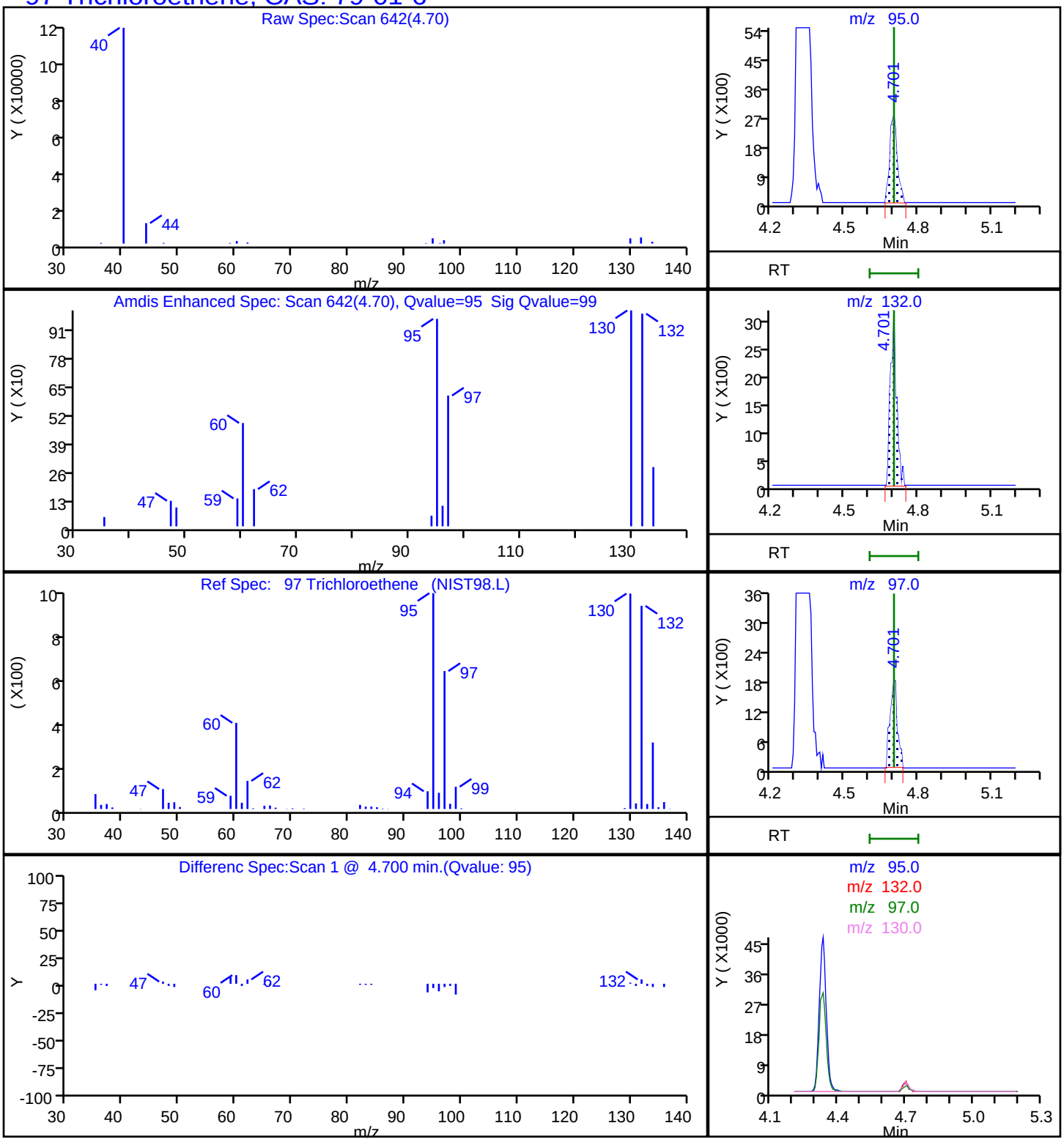
117 Tetrachloroethene, CAS: 127-18-4



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X69.D				
Injection Date:	17-Oct-2025 00:58:30	Instrument ID:	15648		
Lims ID:	410-246092-A-7	Lab Sample ID:	410-246092-7		
Client ID:	HD-QC3-0/1-1				
Operator ID:	MCD07824	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

97 Trichloroethene, CAS: 79-01-6



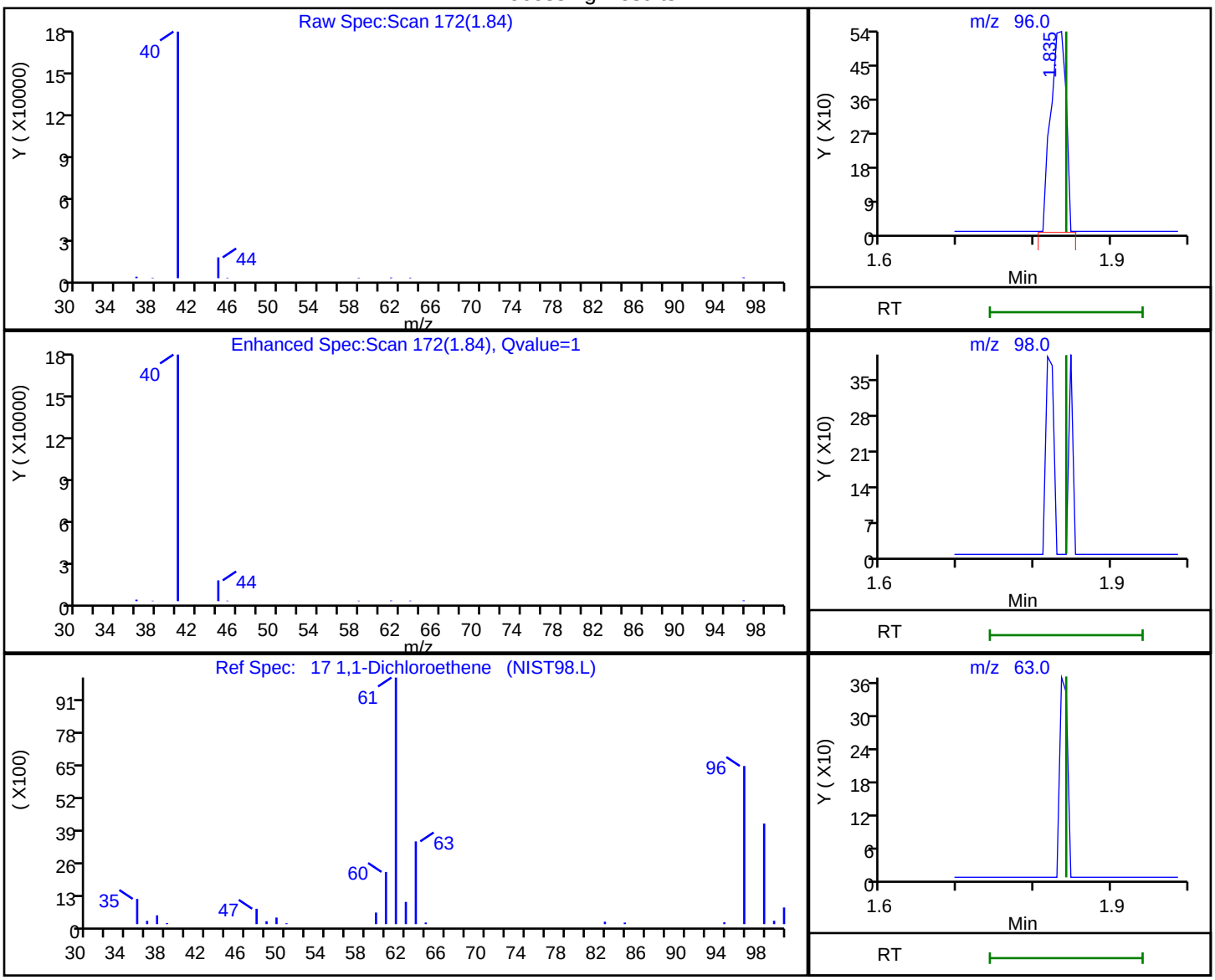
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X69.D				
Injection Date:	17-Oct-2025 00:58:30	Instrument ID:	15648		
Lims ID:	410-246092-A-7	Lab Sample ID:	410-246092-7		
Client ID:	HD-QC3-0/1-1				
Operator ID:	MCD07824	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
1.84	96.00	741	0.175667
1.84	61.00	1518	
1.84	98.00	0	
1.84	63.00	0	

Reviewer: Y6ZN, 17-Oct-2025 19:18:16 -04:00:00 (UTC)

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

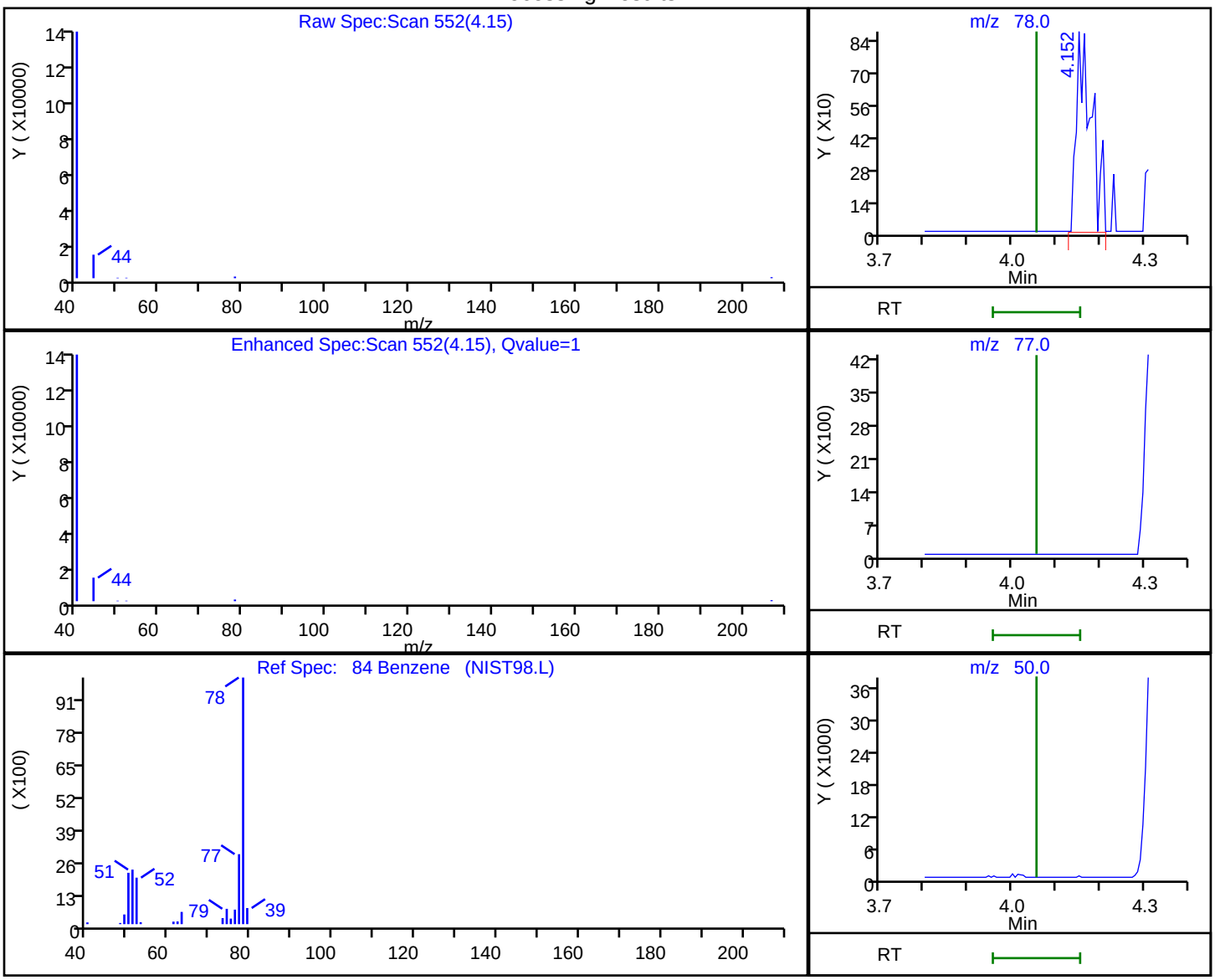
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X69.D				
Injection Date:	17-Oct-2025 00:58:30	Instrument ID:	15648		
Lims ID:	410-246092-A-7	Lab Sample ID:	410-246092-7		
Client ID:	HD-QC3-0/1-1				
Operator ID:	MCD07824	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

84 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.15	78.00	2118	0.100219
4.16	52.00	298	
4.05	77.00	0	
4.05	50.00	0	

Reviewer: Y6ZN, 17-Oct-2025 19:18:23 -04:00:00 (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.: 410-246092-1

SDG No.:

Client Sample ID: HD-MW-115-0/1-0
Lab Sample ID: 410-246092-8

Matrix: Water
Lab File ID: EC17X25.D

Analysis Method: 8260D
Date Collected: 10/07/2025 11:30

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 17:59

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715649
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	10		1.0	0.30
75-35-4	1,1-Dichloroethene	1.7		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	5.8		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND	^c cn	1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	86		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	18		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID: HD-MW-115-0/1-0
Lab Sample ID: 410-246092-8

Matrix: Water
Lab File ID: EC17X25.D

Analysis Method: 8260D
Date Collected: 10/07/2025 11:30

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 17:59

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715649
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	1.0	J	2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	0.45	J	1.0	0.30
75-01-4	Vinyl chloride	85		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		80-120
460-00-4	4-Bromofluorobenzene (Surr)	91		80-120
1868-53-7	Dibromofluoromethane (Surr)	100		80-120
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X25.D
Lims ID: 410-246092-A-8
Client ID: HD-MW-115-0/1-0
Sample Type: Client
Inject. Date: 17-Oct-2025 17:59:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163548-026
Operator ID: HEC94097 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 20:24:16 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: Y6ZN Date: 17-Oct-2025 20:23:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		1.183				ND	U
6 Vinyl chloride	62	1.238	1.244	-0.006	98	719611	85.0	
9 Chloroethane	64		1.421				ND	U
8 Bromomethane	94		1.421				ND	
17 1,1-Dichloroethene	96	1.841	1.841	0.000	93	7336	1.72	
18 Acetone	58		1.854				ND	
23 Carbon disulfide	76		2.000				ND	
28 Methylene Chloride	84		2.165				ND	7
* 27 t-Butyl alcohol-d10 (IS)	65	2.164	2.165	0.000	34	217493	250.0	
32 trans-1,2-Dichloroethene	96	2.366	2.366	0.000	37	4817	1.01	
33 Methyl tert-butyl ether	73	2.378	2.384	-0.006	92	321144	18.2	
35 1,1-Dichloroethane	63	2.713	2.713	0.000	96	97013	9.98	
40 cis-1,2-Dichloroethene	96	3.231	3.231	0.000	83	454961	86.5	
41 2-Butanone (MEK)	43		3.231				ND	U
47 Chlorobromomethane	128		3.445				ND	
49 Chloroform	83		3.530				ND	7
$ 50 Dibromofluoromethane (Surr)	113	3.676	3.676	0.000	92	254140	50.0	
51 1,1,1-Trichloroethane	97		3.707				ND	
59 Carbon tetrachloride	117		3.865				ND	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	3.993	3.993	0.000	81	395309	53.4	
84 Benzene	78	4.054	4.054	0.000	96	123667	5.77	
85 1,2-Dichloroethane	62		4.067				ND	U
* 88 Fluorobenzene (IS)	96	4.329	4.329	0.000	98	1073811	50.0	
97 Trichloroethene	95	4.701	4.695	0.006	92	2422	0.4548	
100 1,2-Dichloropropane	63		4.914				ND	7
106 Dichlorobromomethane	83		5.207				ND	
109 cis-1,3-Dichloropropene	75		5.682				ND	
110 4-Methyl-2-pentanone (MIBK)	43		5.865				ND	U
$ 111 Toluene-d8 (Surr)	98	5.962	5.963	-0.001	95	1046861	50.5	
112 Toluene	92	6.030	6.036	-0.006	1	1597	0.1260	
114 trans-1,3-Dichloropropene	75		6.286				ND	
116 1,1,2-Trichloroethane	97		6.475				ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
117 Tetrachloroethene	166		6.627				ND	
121 2-Hexanone	43		6.786				ND	U
122 Chlorodibromomethane	129		6.895				ND	
124 Ethylene Dibromide	107		7.005				ND	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.517	0.000	89	735477	50.0	
127 Chlorobenzene	112		7.548				ND	
129 1,1,1,2-Tetrachloroethane	131		7.639				ND	
130 Ethylbenzene	91		7.676				ND	7
132 m-Xylene & p-Xylene	106		7.798				ND	7
133 o-Xylene	106		8.157				ND	
135 Styrene	104		8.169				ND	
136 Bromoform	173		8.304				ND	
$ 140 4-Bromofluorobenzene (Surr)	95	8.602	8.596	0.006	86	348745	45.5	
143 1,1,2,2-Tetrachloroethane	83		8.730				ND	7
* 157 1,4-Dichlorobenzene-d4	152	9.498	9.498	0.000	97	366505	50.0	
S 176 Xylenes, Total	106		11.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00048 Amount Added: 5.00 Units: uL Run Reagent

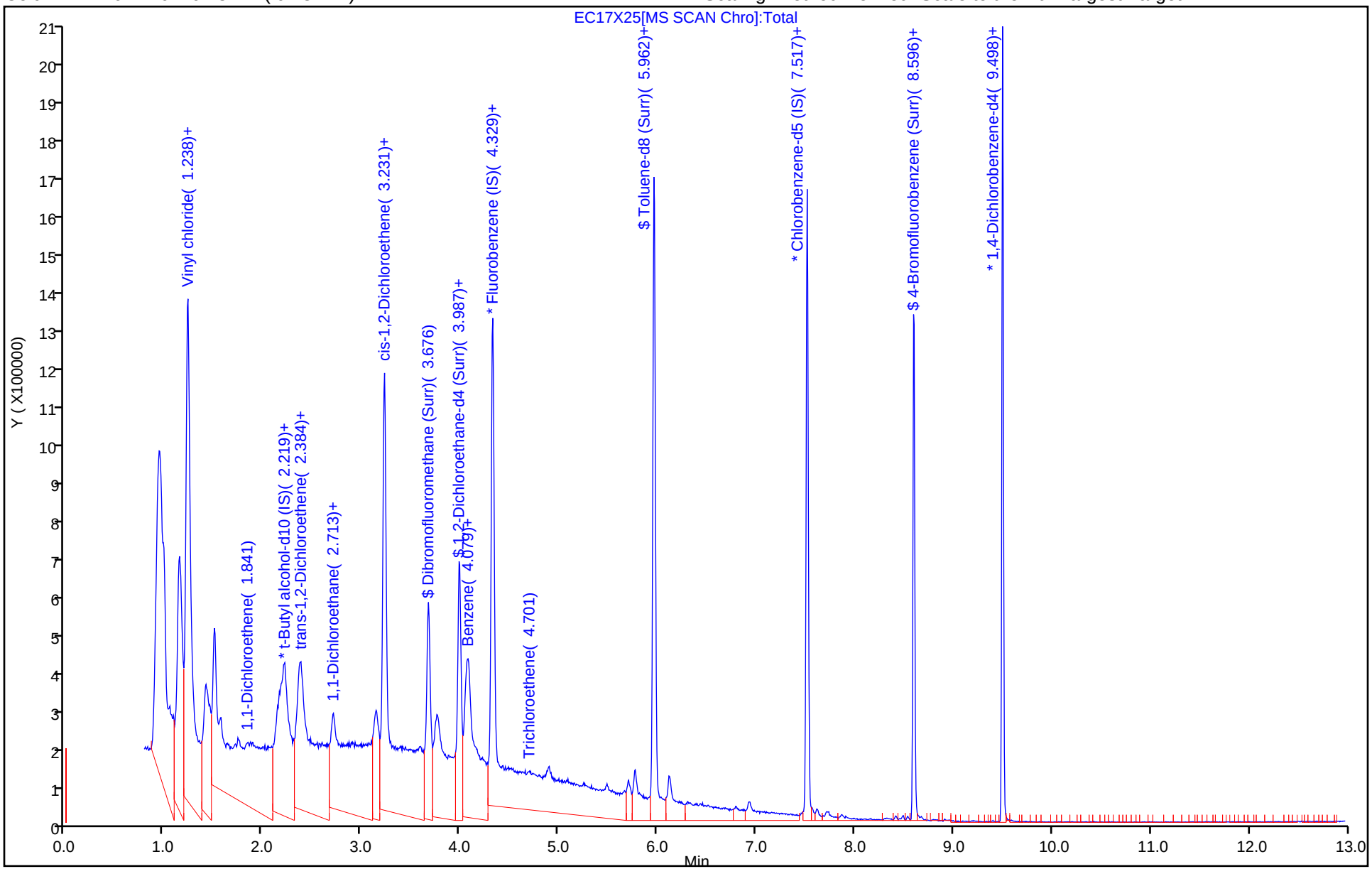
Report Date: 17-Oct-2025 20:24:59 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X25.D

Injection Date:	17-Oct-2025 17:59:30	Instrument ID:	15648	Operator ID:	HEC94097
Lims ID:	410-246092-A-8	Lab Sample ID:	410-246092-8	Worklist Smp#:	26
Client ID:	HD-MW-115-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X25.D
Lims ID: 410-246092-A-8
Client ID: HD-MW-115-0/1-0
Sample Type: Client
Inject. Date: 17-Oct-2025 17:59:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163548-026
Operator ID: HEC94097 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 20:24:16 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1643

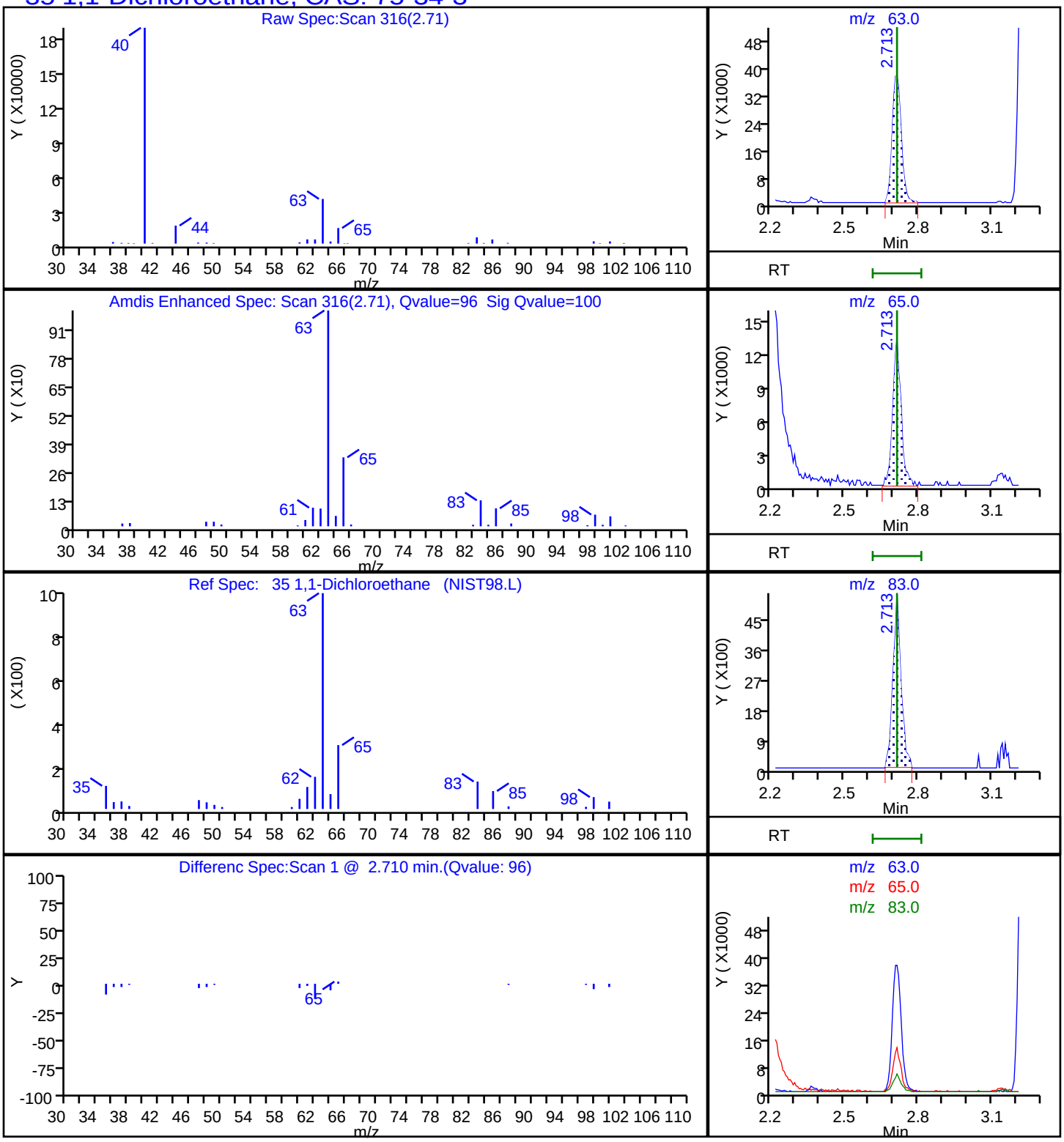
First Level Reviewer: Y6ZN Date: 17-Oct-2025 20:23:59

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	50.0	99.96
$ 79 1,2-Dichloroethane-d4 (Surr)	50.0	53.4	106.88
$ 111 Toluene-d8 (Surr)	50.0	50.5	101.08
$ 140 4-Bromofluorobenzene (Surr)	50.0	45.5	91.05

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X25.D				
Injection Date:	17-Oct-2025 17:59:30	Instrument ID:	15648		
Lims ID:	410-246092-A-8	Lab Sample ID:	410-246092-8		
Client ID:	HD-MW-115-0/1-0				
Operator ID:	HEC94097	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

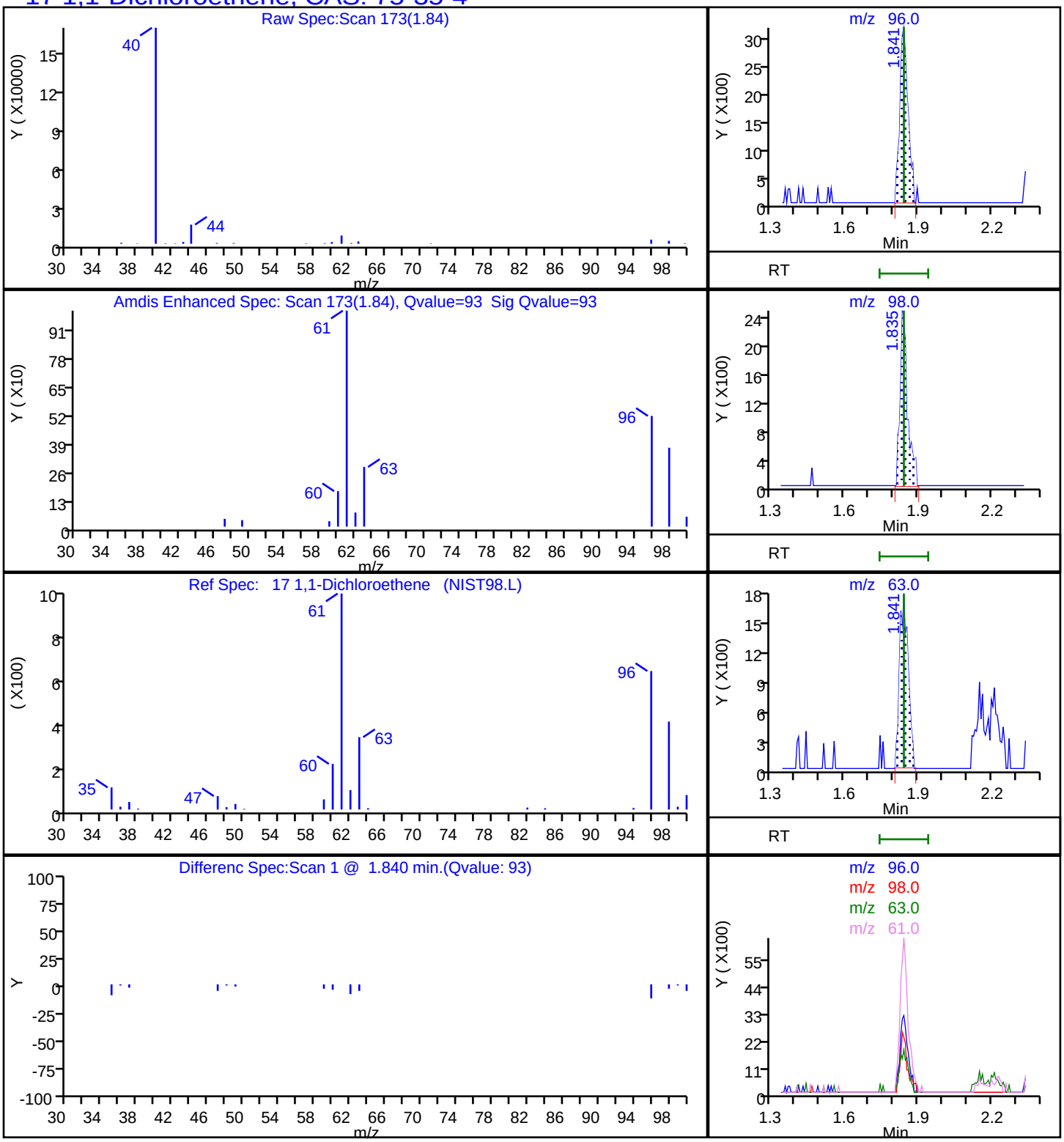
35 1,1-Dichloroethane, CAS: 75-34-3



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X25.D				
Injection Date:	17-Oct-2025 17:59:30	Instrument ID:	15648		
Lims ID:	410-246092-A-8	Lab Sample ID:	410-246092-8		
Client ID:	HD-MW-115-0/1-0				
Operator ID:	HEC94097	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

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



Report Date: 17-Oct-2025 20:24:59 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X25.D

Injection Date: 17-Oct-2025 17:59:30 Instrument ID: 15648

Lims ID: 410-246092-A-8 Lab Sample ID: 410-246092-8

Client ID: HD-MW-115-0/1-0

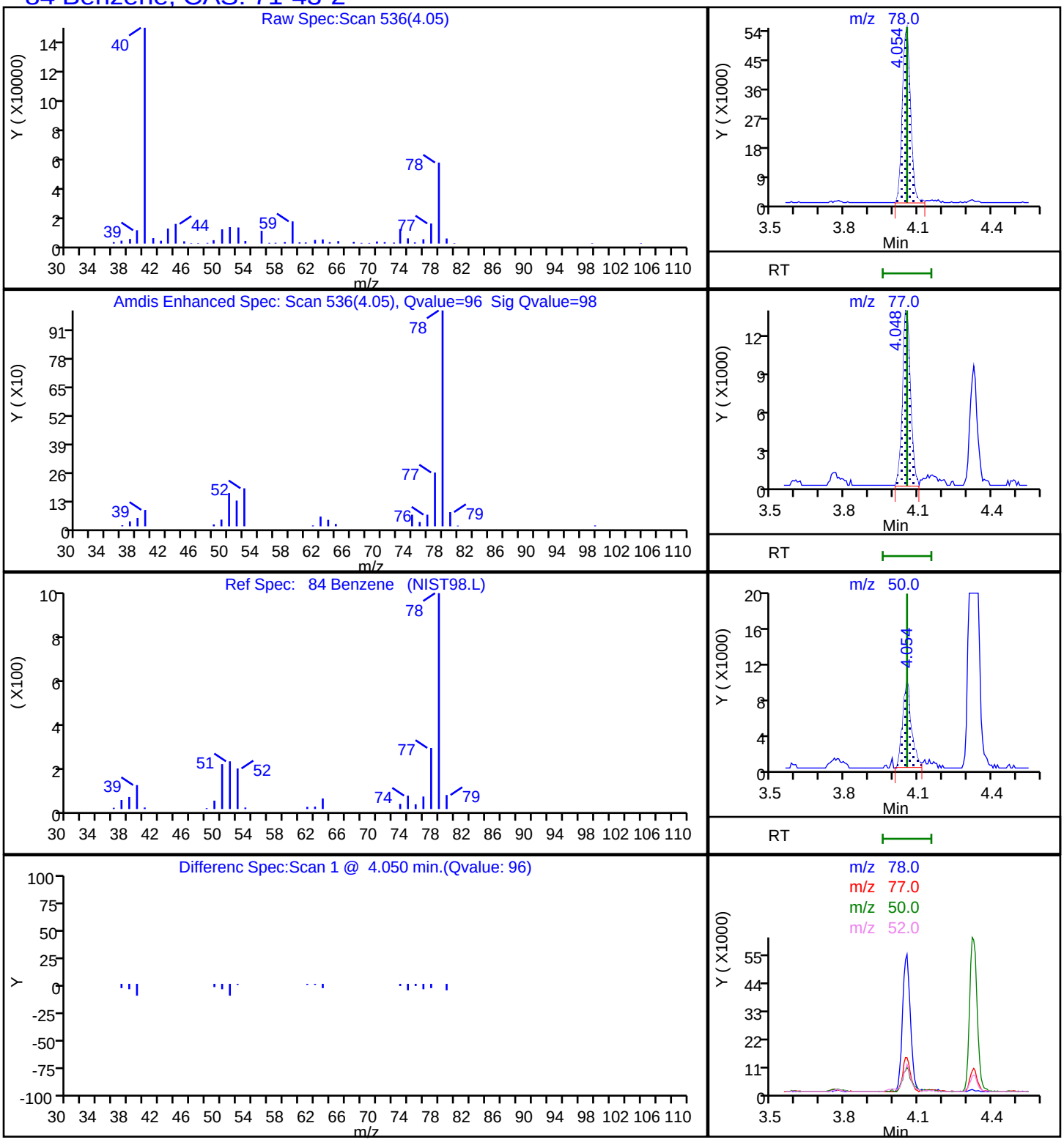
Operator ID: HEC94097 ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: MSVoa_15648 Limit Group: MSV - 8260C_D

Column: DB-624 20m 0.18mm (0.18 mm) Detector MS Quad

84 Benzene, CAS: 71-43-2

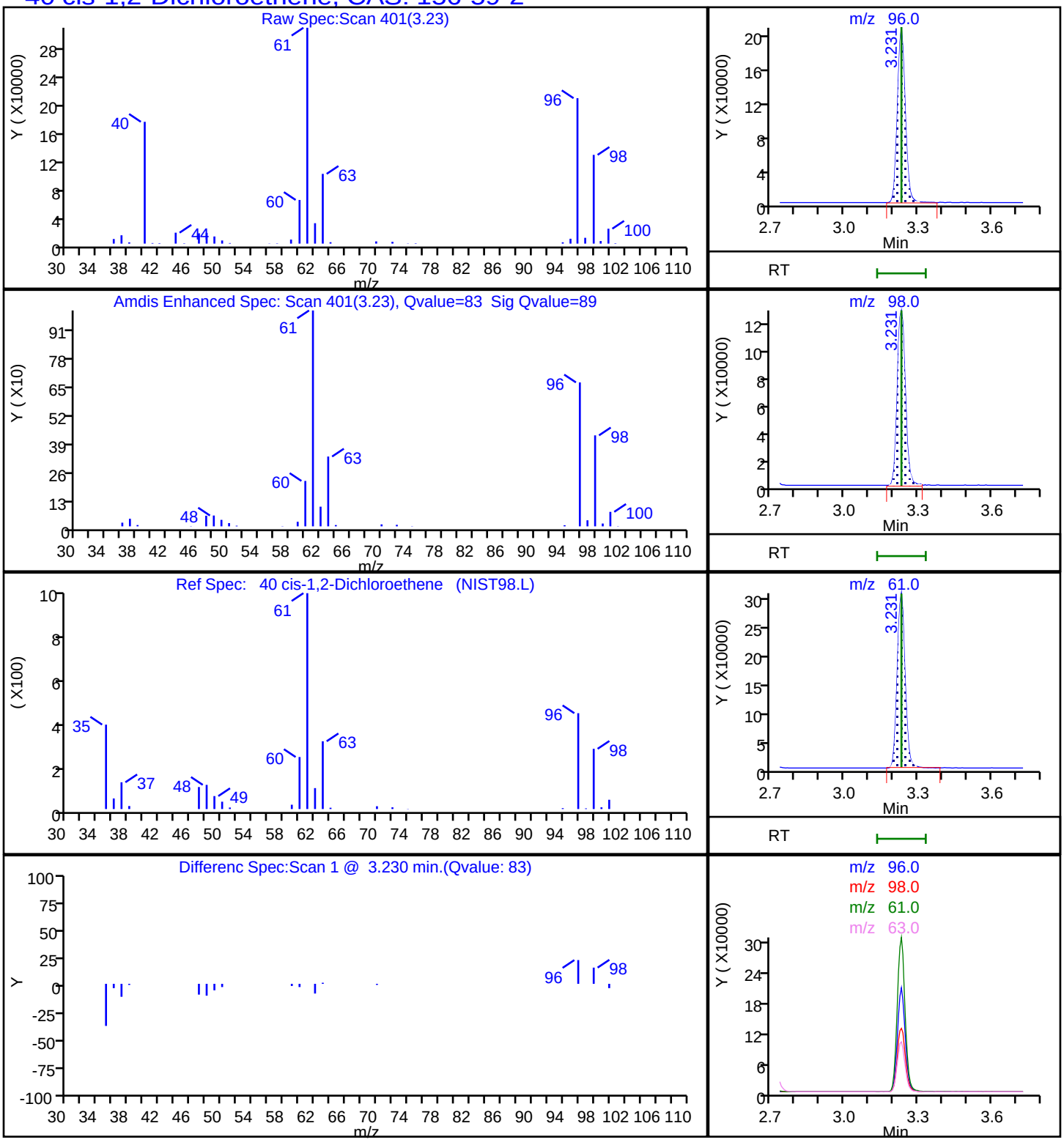


Report Date: 17-Oct-2025 20:24:59 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X25.D				
Injection Date:	17-Oct-2025 17:59:30	Instrument ID:	15648		
Lims ID:	410-246092-A-8	Lab Sample ID:	410-246092-8		
Client ID:	HD-MW-115-0/1-0				
Operator ID:	HEC94097	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

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



Report Date: 17-Oct-2025 20:24:59 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X25.D

Injection Date: 17-Oct-2025 17:59:30 Instrument ID: 15648

Lims ID: 410-246092-A-8 Lab Sample ID: 410-246092-8

Client ID: HD-MW-115-0/1-0

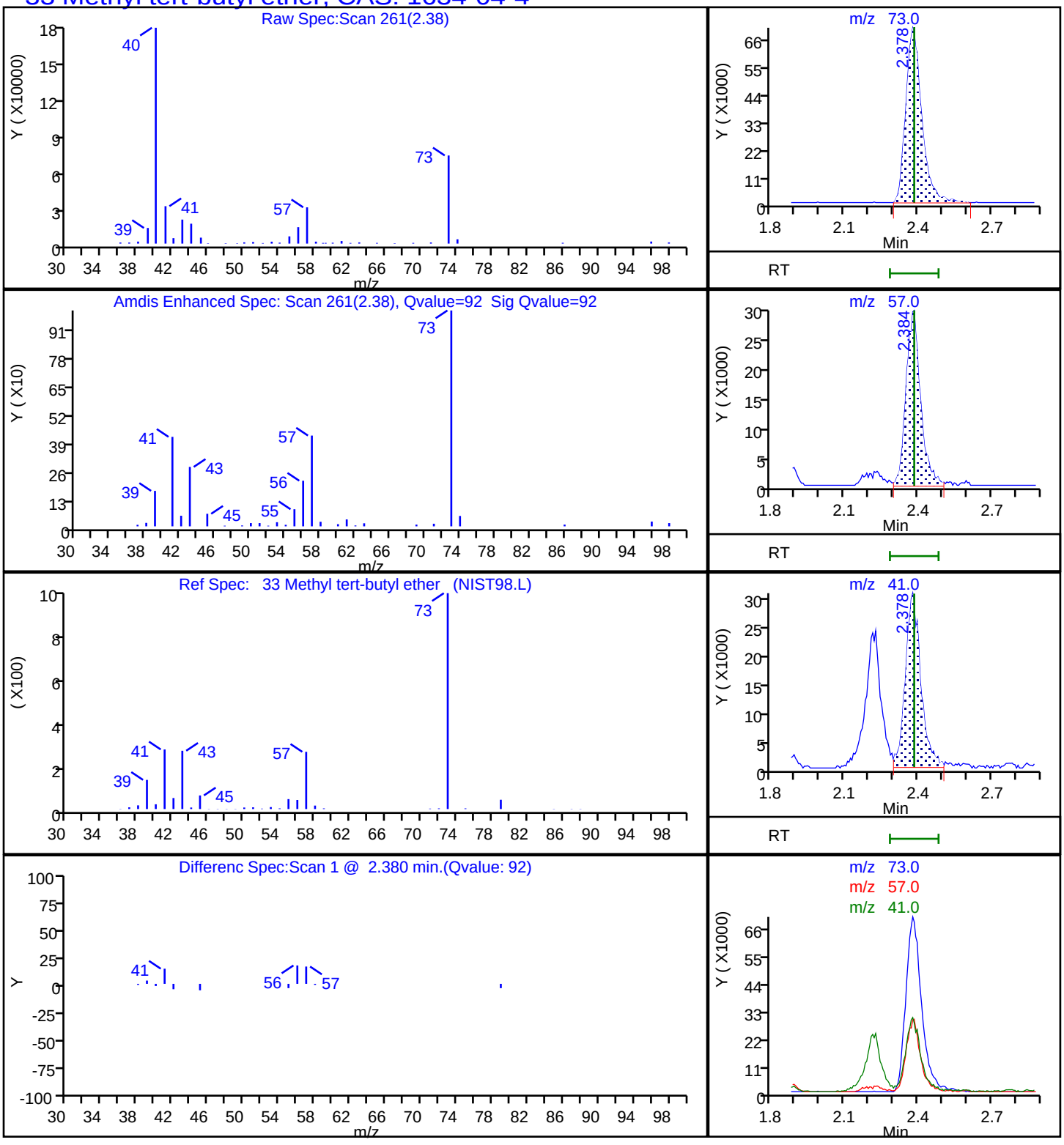
Operator ID: HEC94097 ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: MSVoa_15648 Limit Group: MSV - 8260C_D

Column: DB-624 20m 0.18mm (0.18 mm) Detector MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4



Report Date: 17-Oct-2025 20:24:59 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X25.D

Injection Date: 17-Oct-2025 17:59:30 Instrument ID: 15648

Lims ID: 410-246092-A-8 Lab Sample ID: 410-246092-8

Client ID: HD-MW-115-0/1-0

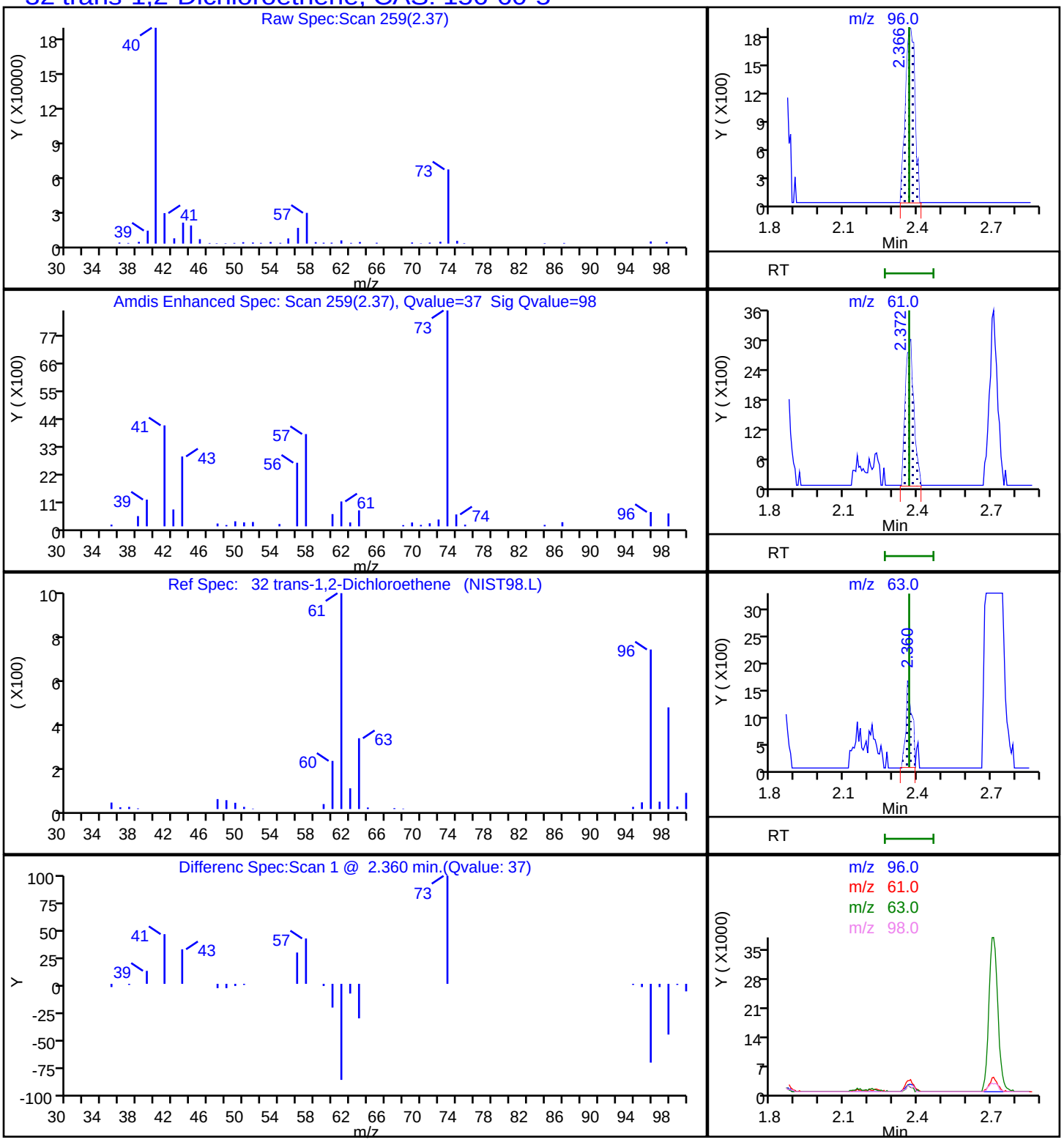
Operator ID: HEC94097 ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: MSVoa_15648 Limit Group: MSV - 8260C_D

Column: DB-624 20m 0.18mm (0.18 mm) Detector MS Quad

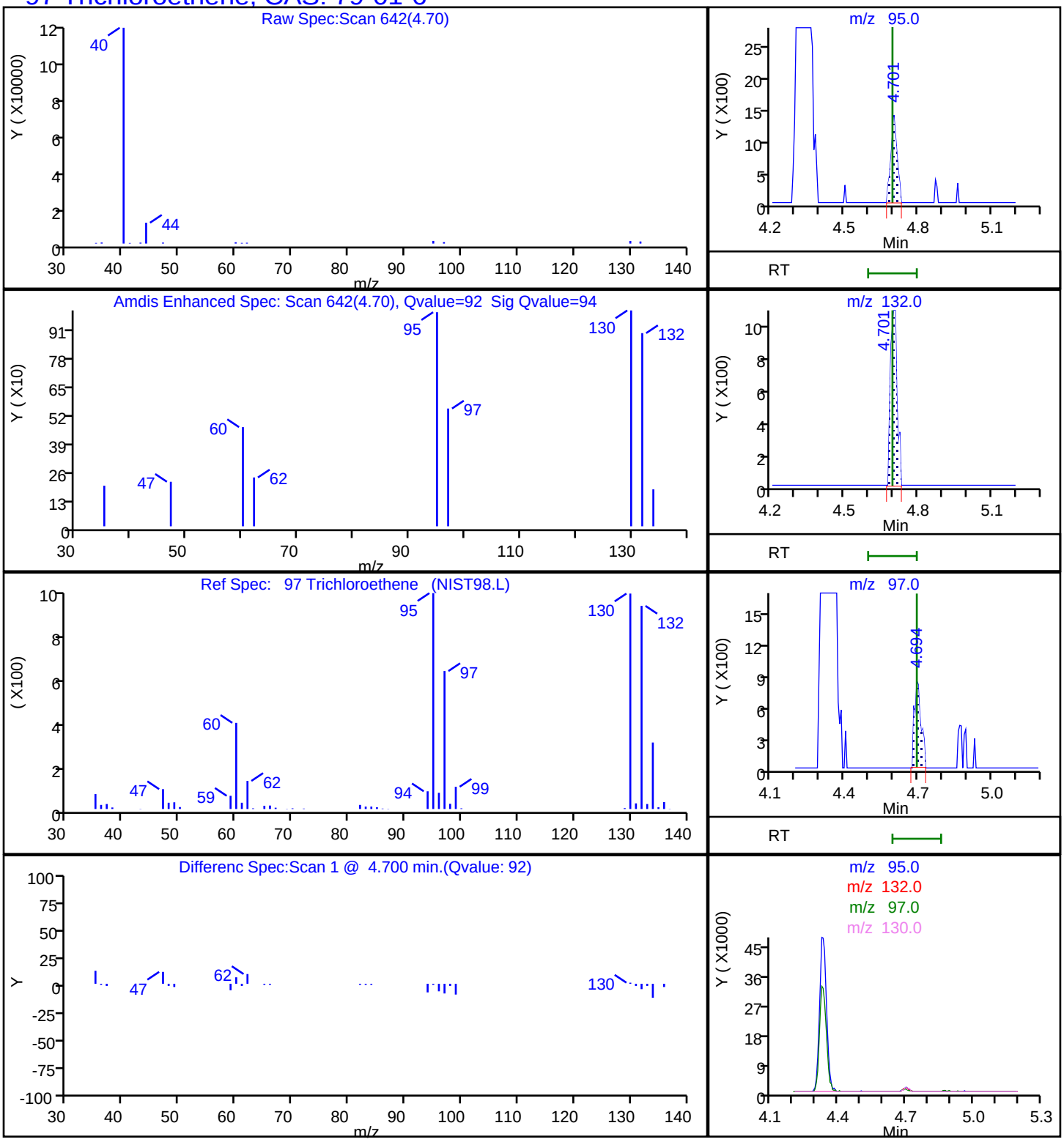
32 trans-1,2-Dichloroethene, CAS: 156-60-5



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X25.D				
Injection Date:	17-Oct-2025 17:59:30	Instrument ID:	15648		
Lims ID:	410-246092-A-8	Lab Sample ID:	410-246092-8		
Client ID:	HD-MW-115-0/1-0				
Operator ID:	HEC94097	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

97 Trichloroethene, CAS: 79-01-6



Report Date: 17-Oct-2025 20:24:59 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X25.D

Injection Date: 17-Oct-2025 17:59:30 Instrument ID: 15648

Lims ID: 410-246092-A-8 Lab Sample ID: 410-246092-8

Client ID: HD-MW-115-0/1-0

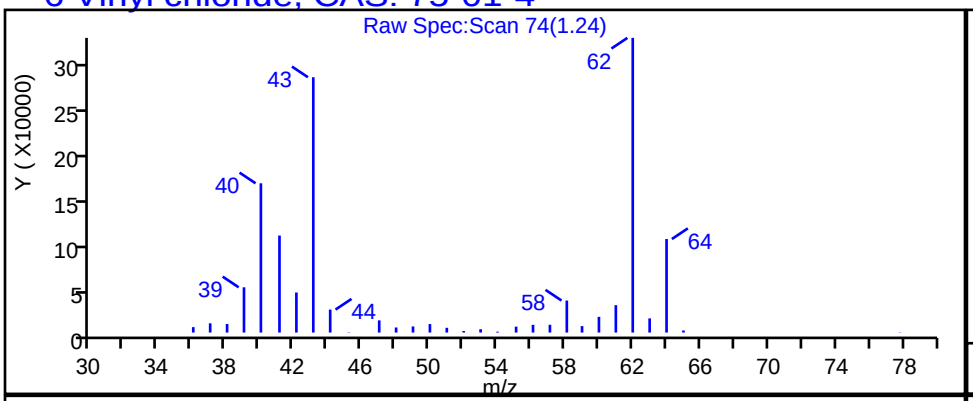
Operator ID: HEC94097 ALS Bottle#: 25 Worklist Smp#: 26

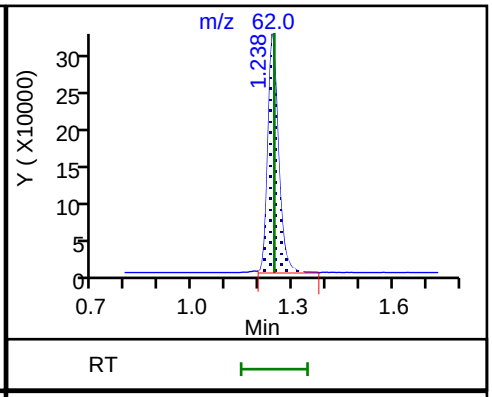
Purge Vol: 5.000 mL Dil. Factor: 1.0000

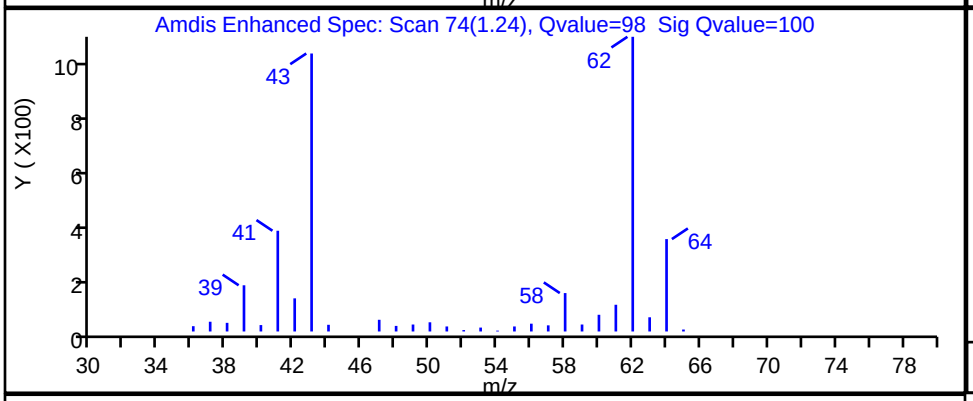
Method: MSVoa_15648 Limit Group: MSV - 8260C_D

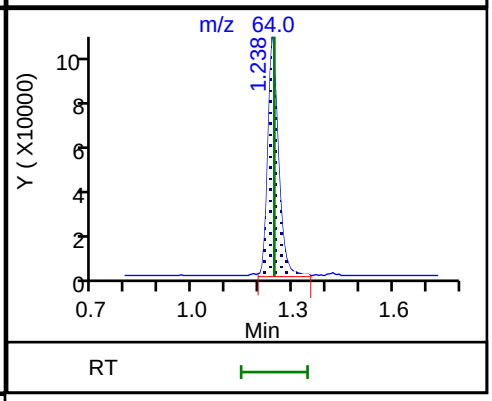
Column: DB-624 20m 0.18mm (0.18 mm) Detector MS Quad

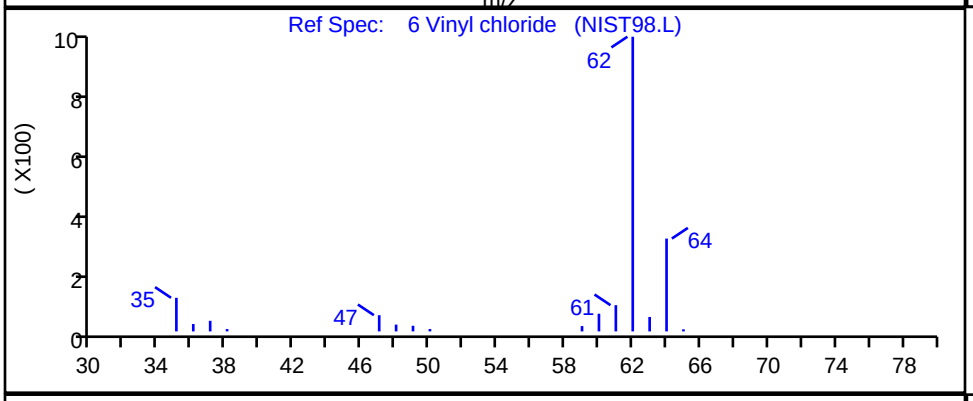
6 Vinyl chloride, CAS: 75-01-4

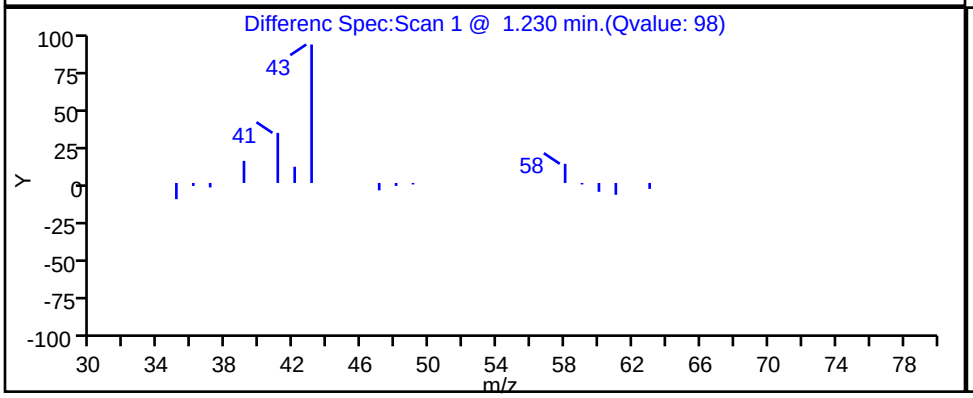


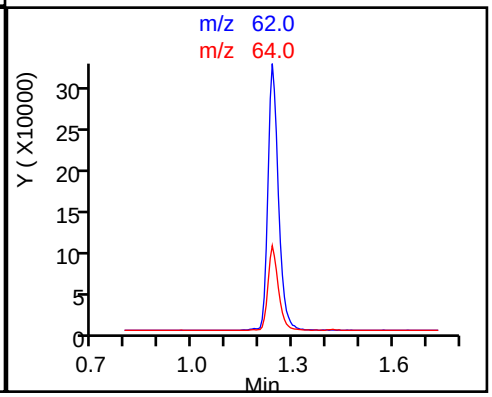












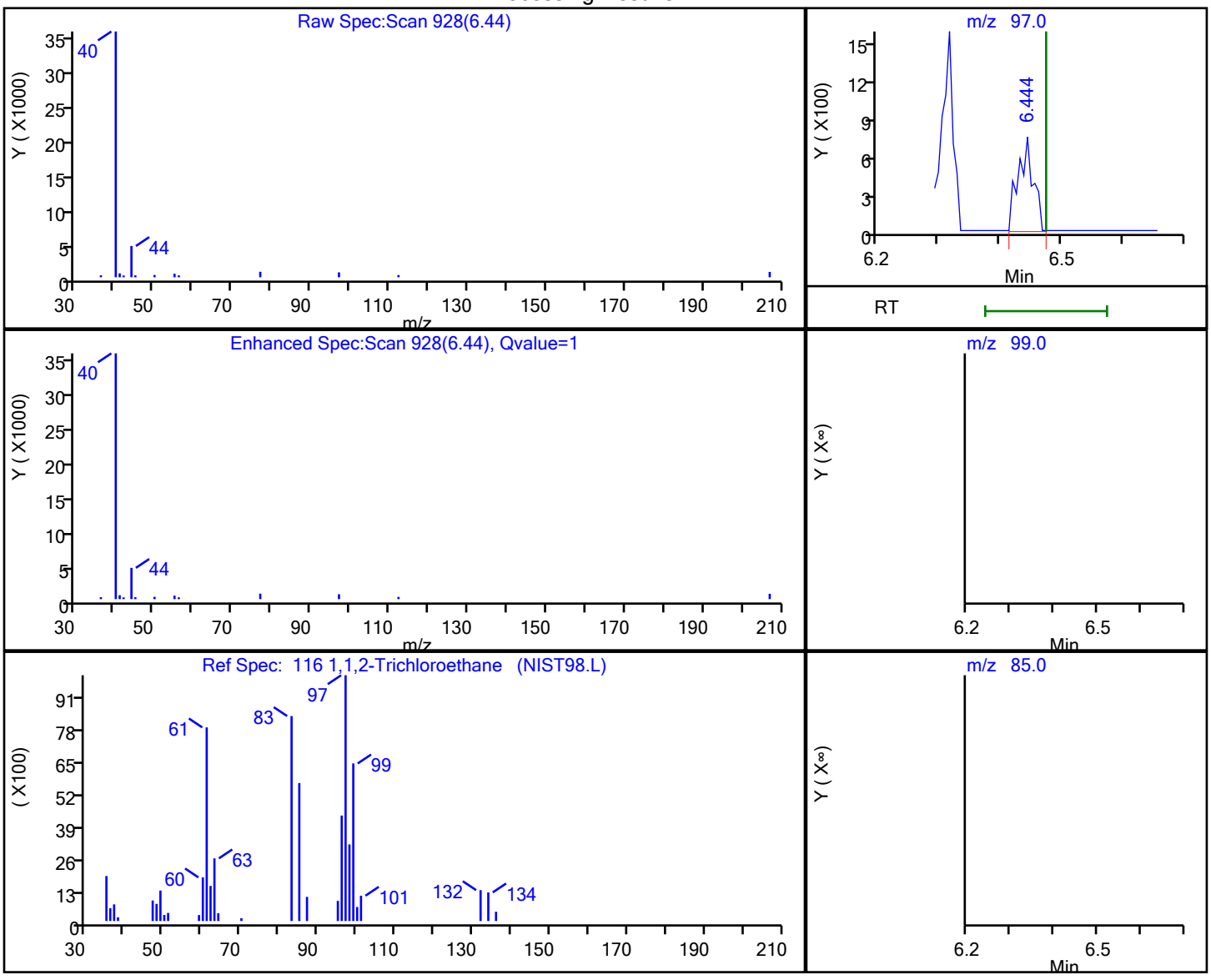
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X25.D				
Injection Date:	17-Oct-2025 17:59:30	Instrument ID:	15648		
Lims ID:	410-246092-A-8	Lab Sample ID:	410-246092-8		
Client ID:	HD-MW-115-0/1-0				
Operator ID:	HEC94097	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

116 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.44	97.00	1209	0.256280
6.47	99.00	0	
6.47	85.00	0	
6.47	83.00	0	

Reviewer: Y6ZN, 17-Oct-2025 20:23:50 -04:00:00 (UTC)

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

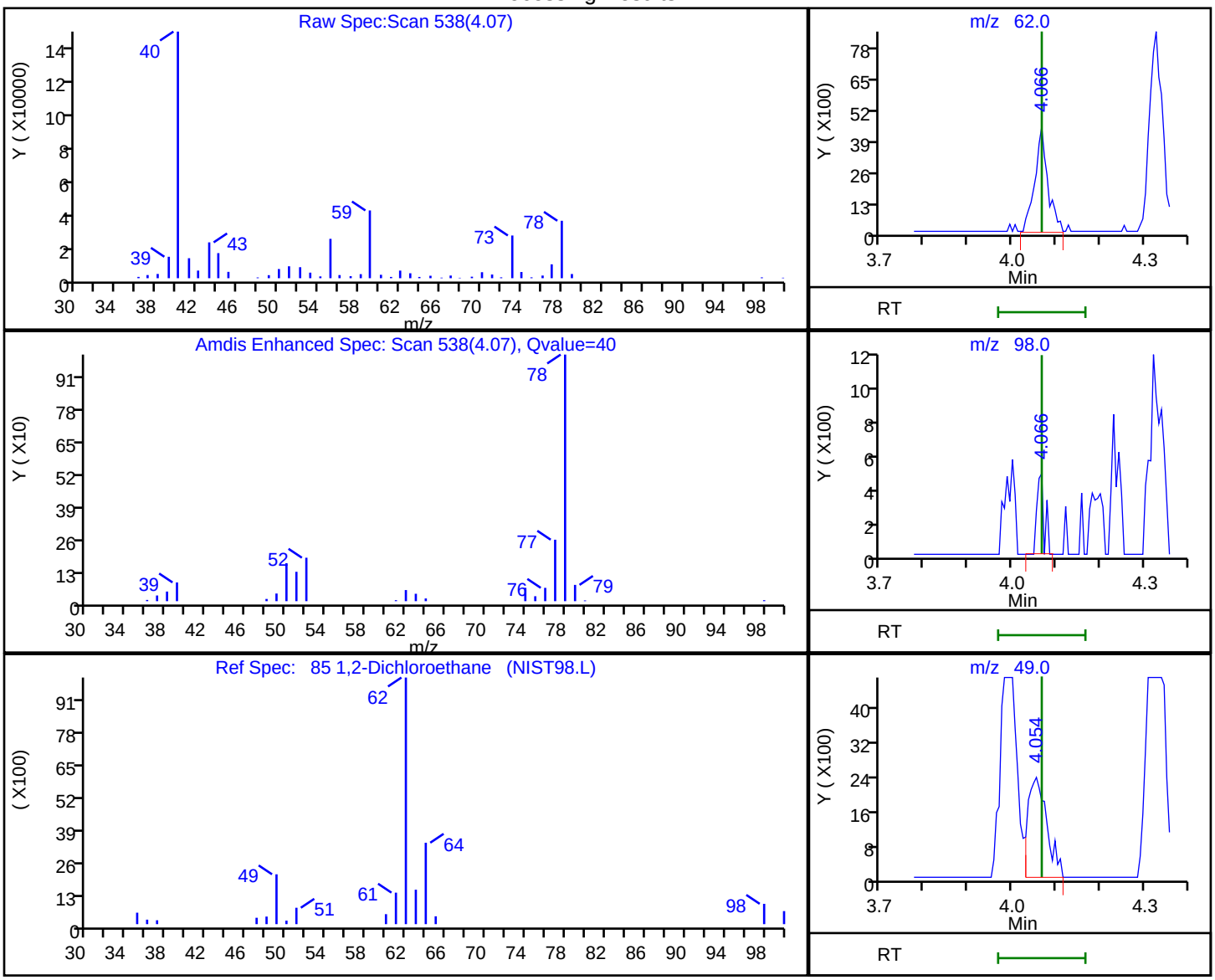
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X25.D				
Injection Date:	17-Oct-2025 17:59:30	Instrument ID:	15648		
Lims ID:	410-246092-A-8	Lab Sample ID:	410-246092-8		
Client ID:	HD-MW-115-0/1-0				
Operator ID:	HEC94097	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

85 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.07	62.00	9061	1.056856
4.07	98.00	544	
4.05	49.00	6872	

Reviewer: Y6ZN, 17-Oct-2025 20:23:40 -04:00:00 (UTC)

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

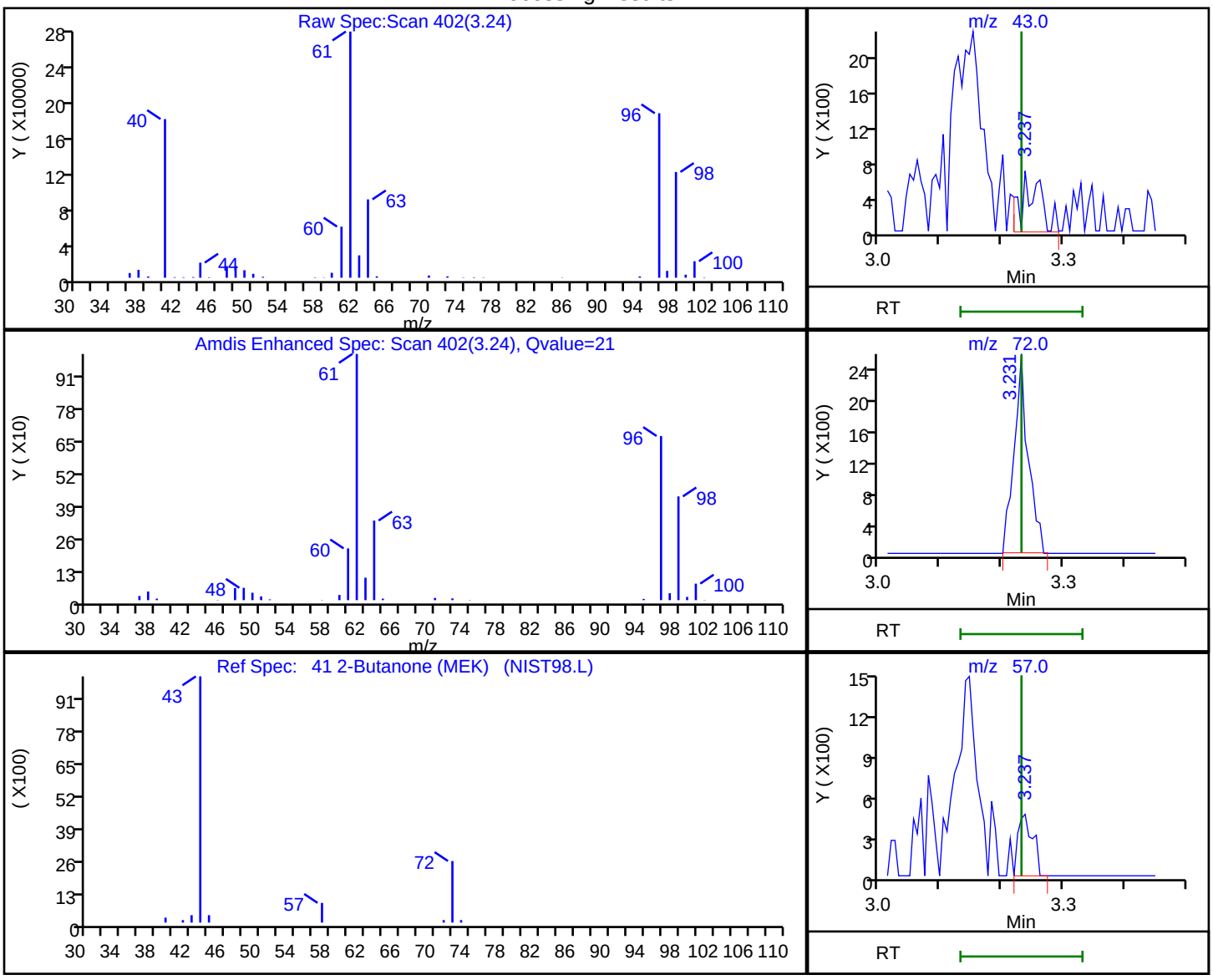
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X25.D				
Injection Date:	17-Oct-2025 17:59:30	Instrument ID:	15648		
Lims ID:	410-246092-A-8	Lab Sample ID:	410-246092-8		
Client ID:	HD-MW-115-0/1-0				
Operator ID:	HEC94097	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

41 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.24	43.00	1413	0.337336
3.23	72.00	4158	
3.24	57.00	737	

Reviewer: Y6ZN, 17-Oct-2025 20:23:36 -04:00:00 (UTC)

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

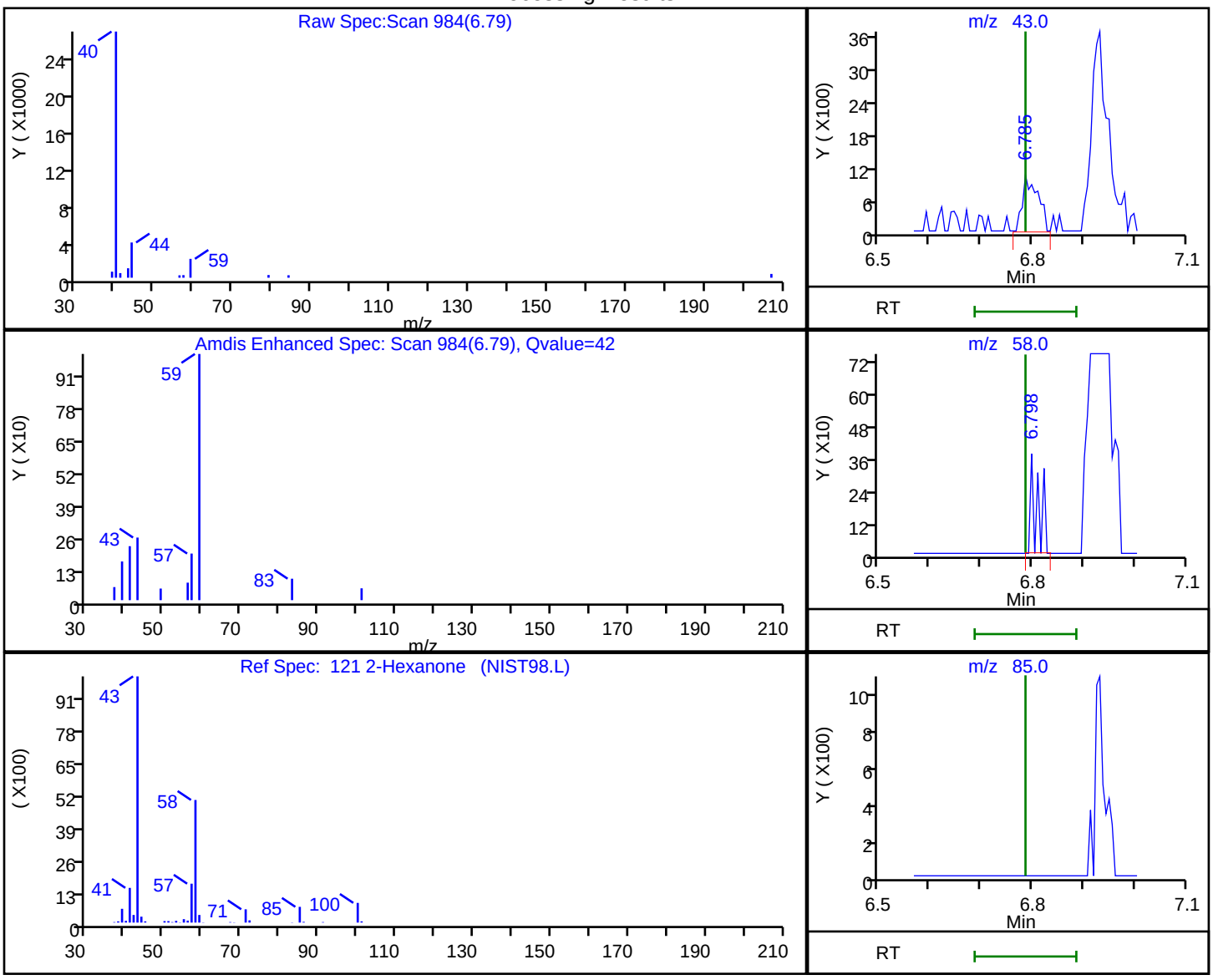
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X25.D				
Injection Date:	17-Oct-2025 17:59:30	Instrument ID:	15648		
Lims ID:	410-246092-A-8	Lab Sample ID:	410-246092-8		
Client ID:	HD-MW-115-0/1-0				
Operator ID:	HEC94097	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

121 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
6.79	43.00	2136	0.371031
6.80	58.00	363	
6.79	85.00	0	
6.79	100.00	0	

Reviewer: Y6ZN, 17-Oct-2025 20:23:53 -04:00:00 (UTC)

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

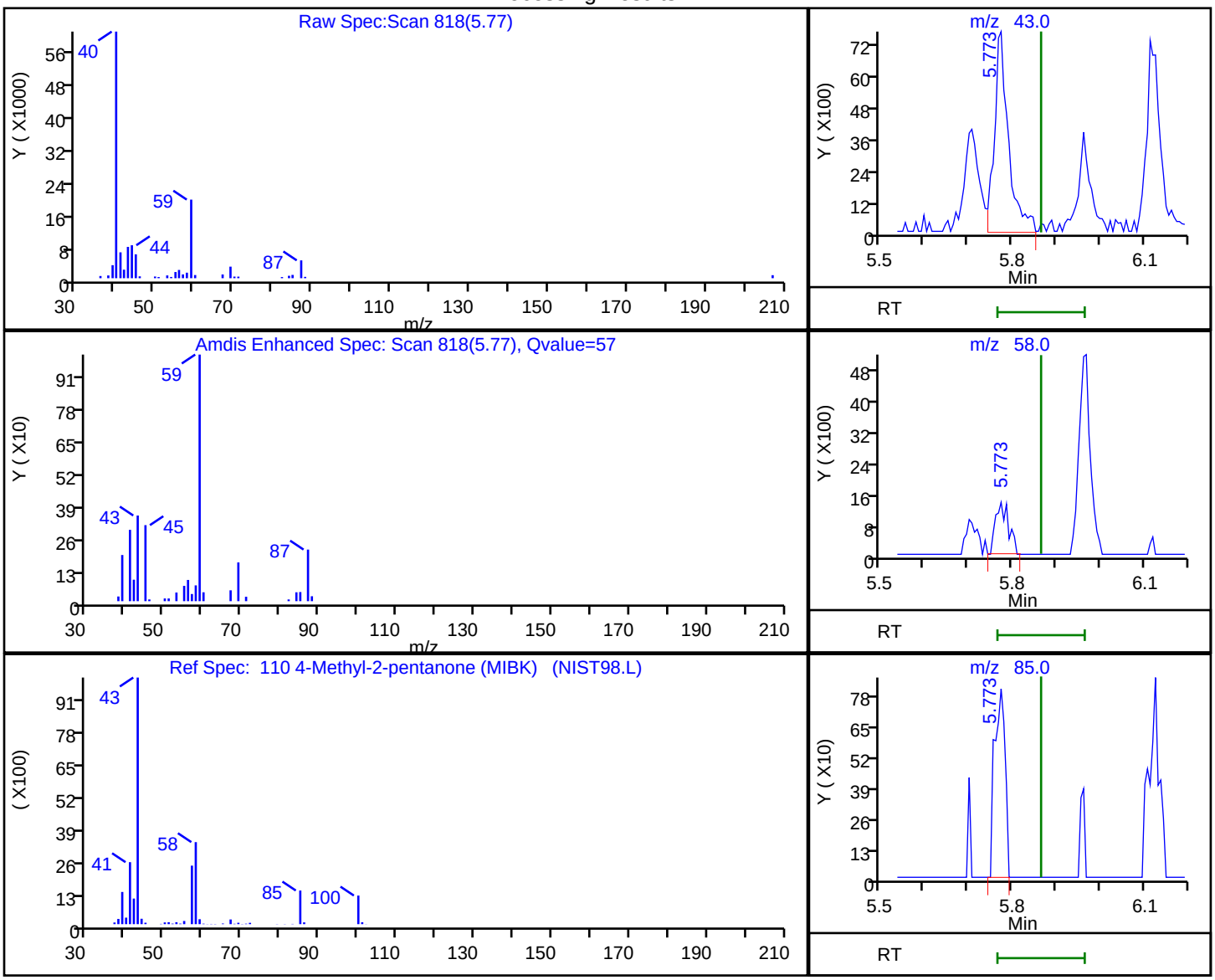
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X25.D				
Injection Date:	17-Oct-2025 17:59:30	Instrument ID:	15648		
Lims ID:	410-246092-A-8	Lab Sample ID:	410-246092-8		
Client ID:	HD-MW-115-0/1-0				
Operator ID:	HEC94097	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

110 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
5.77	43.00	16934	2.015876
5.77	58.00	2805	
5.77	85.00	1354	
5.87	100.00	0	

Reviewer: Y6ZN, 17-Oct-2025 20:23:48 -04:00:00 (UTC)

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

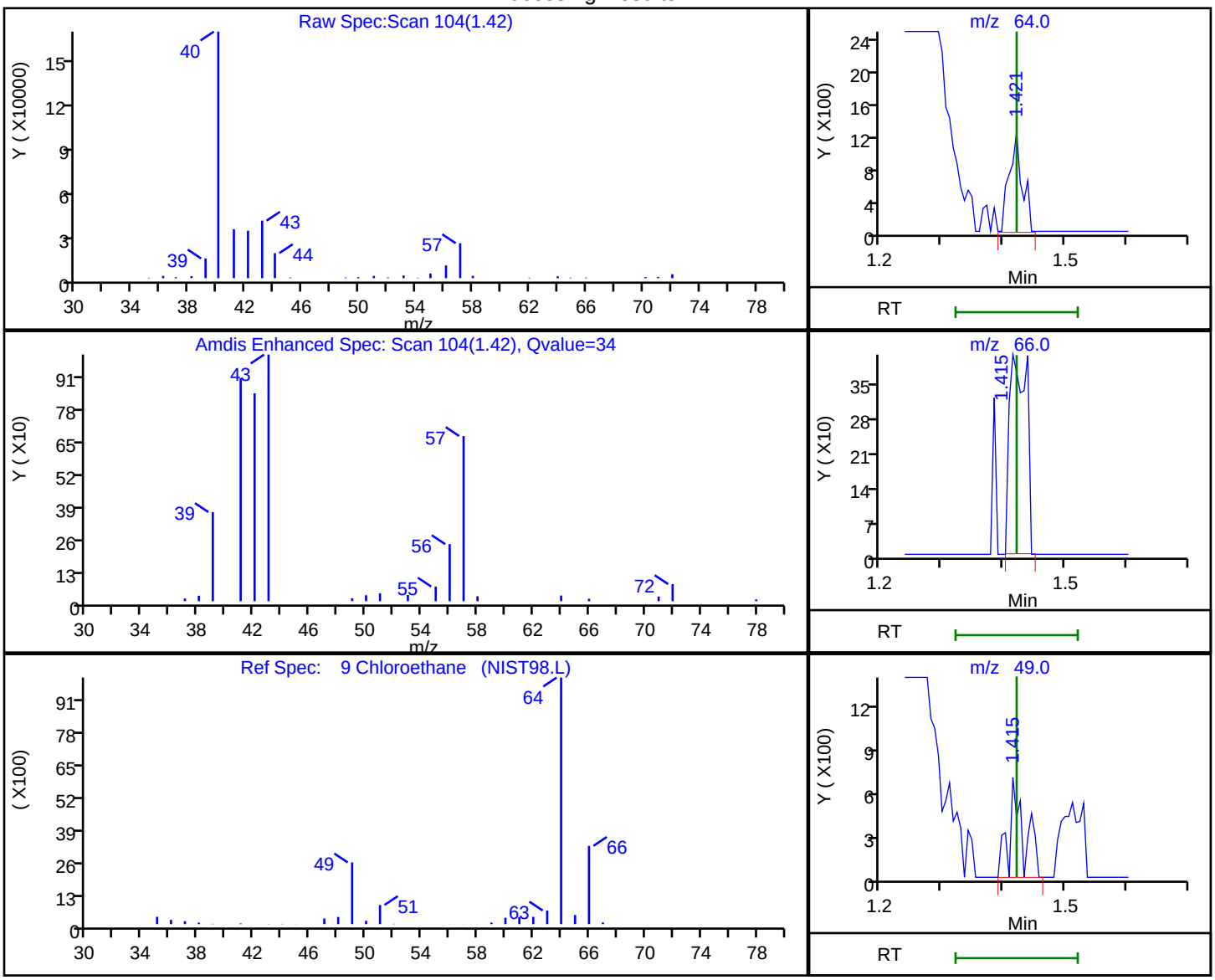
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X25.D				
Injection Date:	17-Oct-2025 17:59:30	Instrument ID:	15648		
Lims ID:	410-246092-A-8	Lab Sample ID:	410-246092-8		
Client ID:	HD-MW-115-0/1-0				
Operator ID:	HEC94097	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

9 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.42	64.00	1817	0.377462
1.41	66.00	781	
1.41	49.00	1156	

Reviewer: Y6ZN, 17-Oct-2025 20:23:24 -04:00:00 (UTC)

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

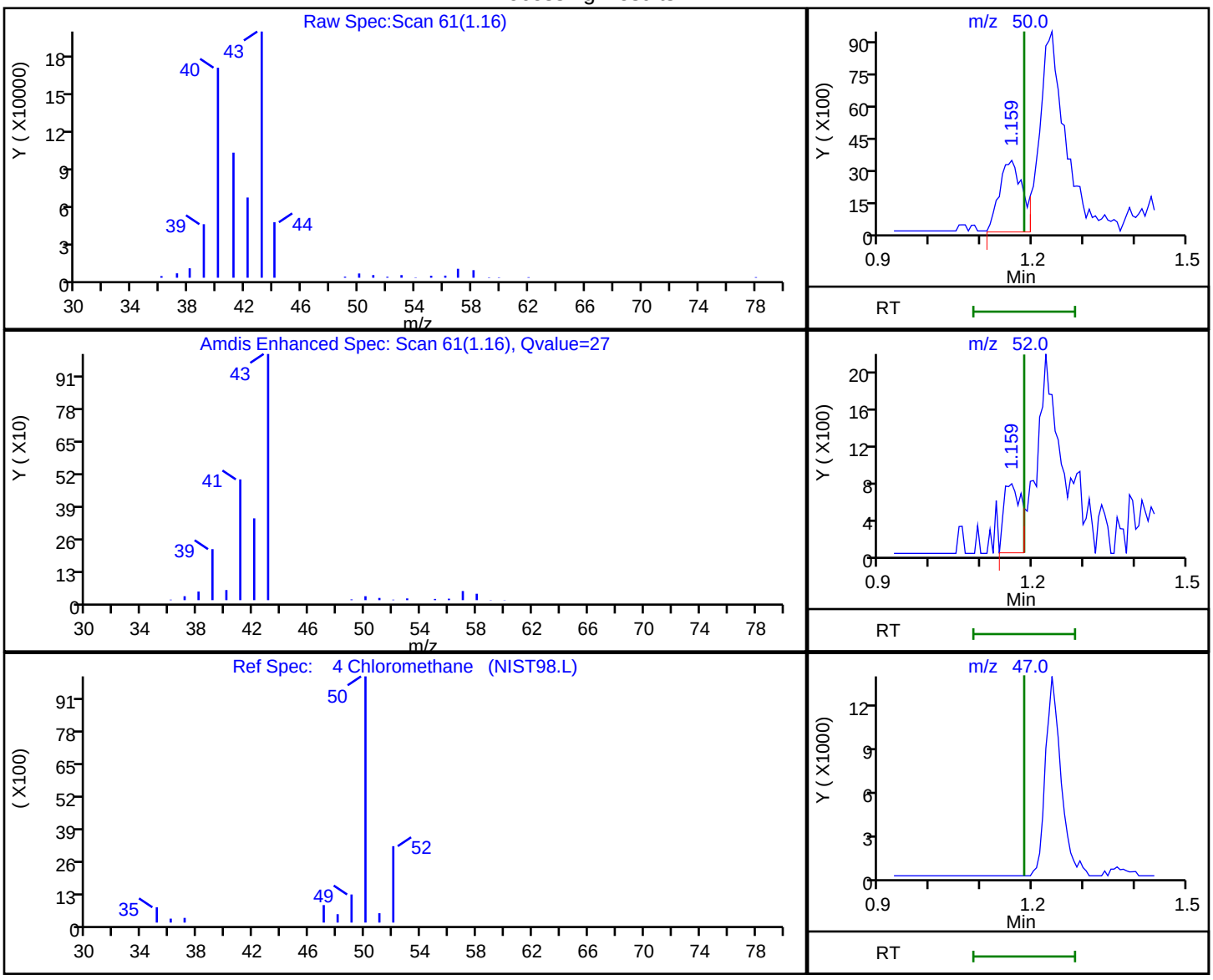
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X25.D				
Injection Date:	17-Oct-2025 17:59:30	Instrument ID:	15648		
Lims ID:	410-246092-A-8	Lab Sample ID:	410-246092-8		
Client ID:	HD-MW-115-0/1-0				
Operator ID:	HEC94097	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

4 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.16	50.00	10568	1.110252
1.16	52.00	1775	
1.18	47.00	0	

Reviewer: Y6ZN, 17-Oct-2025 20:23:21 -04:00:00 (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.: 410-246092-1

SDG No.:

Client Sample ID: HD-QC4-0/1-2
Lab Sample ID: 410-246092-9

Matrix: Water
Lab File ID: EC16X57.D

Analysis Method: 8260D
Date Collected: 10/06/2025 00:00

Sample wt/vol: 5(mL)
Date Analyzed: 10/16/2025 21:00

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715287
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND	^c cn	2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID: HD-QC4-0/1-2
Lab Sample ID: 410-246092-9

Matrix: Water
Lab File ID: EC16X57.D

Analysis Method: 8260D
Date Collected: 10/06/2025 00:00

Sample wt/vol: 5(mL)
Date Analyzed: 10/16/2025 21:00

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715287
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		80-120
460-00-4	4-Bromofluorobenzene (Surr)	91		80-120
1868-53-7	Dibromofluoromethane (Surr)	104		80-120
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X57.D
Lims ID: 410-246092-A-9
Client ID: HD-QC4-0/1-2
Sample Type: Client
Inject. Date: 16-Oct-2025 21:00:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163464-008
Operator ID: MCD07824 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 16-Oct-2025 22:00:25 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1609

First Level Reviewer: N9NA Date: 17-Oct-2025 12:27:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		1.183				ND	
6 Vinyl chloride	62		1.244				ND	
9 Chloroethane	64		1.421				ND	
8 Bromomethane	94		1.421				ND	
17 1,1-Dichloroethene	96		1.841				ND	
18 Acetone	58		1.860				ND	
23 Carbon disulfide	76		2.000				ND	
28 Methylene Chloride	84		2.158				ND	
* 27 t-Butyl alcohol-d10 (IS)	65	2.165	2.165	0.000	25	214954	250.0	
32 trans-1,2-Dichloroethene	96		2.372				ND	
33 Methyl tert-butyl ether	73		2.378				ND	
35 1,1-Dichloroethane	63		2.713				ND	
40 cis-1,2-Dichloroethene	96		3.238				ND	
41 2-Butanone (MEK)	43		3.238				ND	7
47 Chlorobromomethane	128		3.451				ND	
49 Chloroform	83		3.530				ND	
$ 50 Dibromofluoromethane (Surr)	113	3.670	3.676	-0.006	93	260406	52.2	
51 1,1,1-Trichloroethane	97		3.713				ND	
59 Carbon tetrachloride	117		3.872				ND	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	3.987	3.994	-0.007	81	396922	54.7	
84 Benzene	78		4.054				ND	
85 1,2-Dichloroethane	62		4.067				ND	
* 88 Fluorobenzene (IS)	96	4.329	4.329	0.000	98	1053625	50.0	
97 Trichloroethene	95		4.701				ND	
100 1,2-Dichloropropane	63		4.914				ND	
106 Dichlorobromomethane	83		5.207				ND	
109 cis-1,3-Dichloropropene	75		5.682				ND	
110 4-Methyl-2-pentanone (MIBK)	43		5.865				ND	
$ 111 Toluene-d8 (Surr)	98	5.963	5.969	-0.006	95	1074969	50.3	
112 Toluene	92		6.036				ND	7
114 trans-1,3-Dichloropropene	75		6.286				ND	
116 1,1,2-Trichloroethane	97		6.475				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
117 Tetrachloroethene	166		6.627				ND	
121 2-Hexanone	43		6.786				ND	
122 Chlorodibromomethane	129		6.895				ND	
124 Ethylene Dibromide	107		7.005				ND	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.517	0.000	90	759217	50.0	
127 Chlorobenzene	112		7.548				ND	
129 1,1,1,2-Tetrachloroethane	131		7.639				ND	
130 Ethylbenzene	91		7.676				ND	
132 m-Xylene & p-Xylene	106		7.798				ND	
133 o-Xylene	106		8.157				ND	
135 Styrene	104		8.170				ND	
136 Bromoform	173		8.304				ND	7
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	84	358606	45.3	
143 1,1,2,2-Tetrachloroethane	83		8.730				ND	
* 157 1,4-Dichlorobenzene-d4	152	9.498	9.499	-0.001	97	394213	50.0	
S 176 Xylenes, Total	106		11.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_Cent_ISSS_00048 Amount Added: 5.00 Units: uL Run Reagent

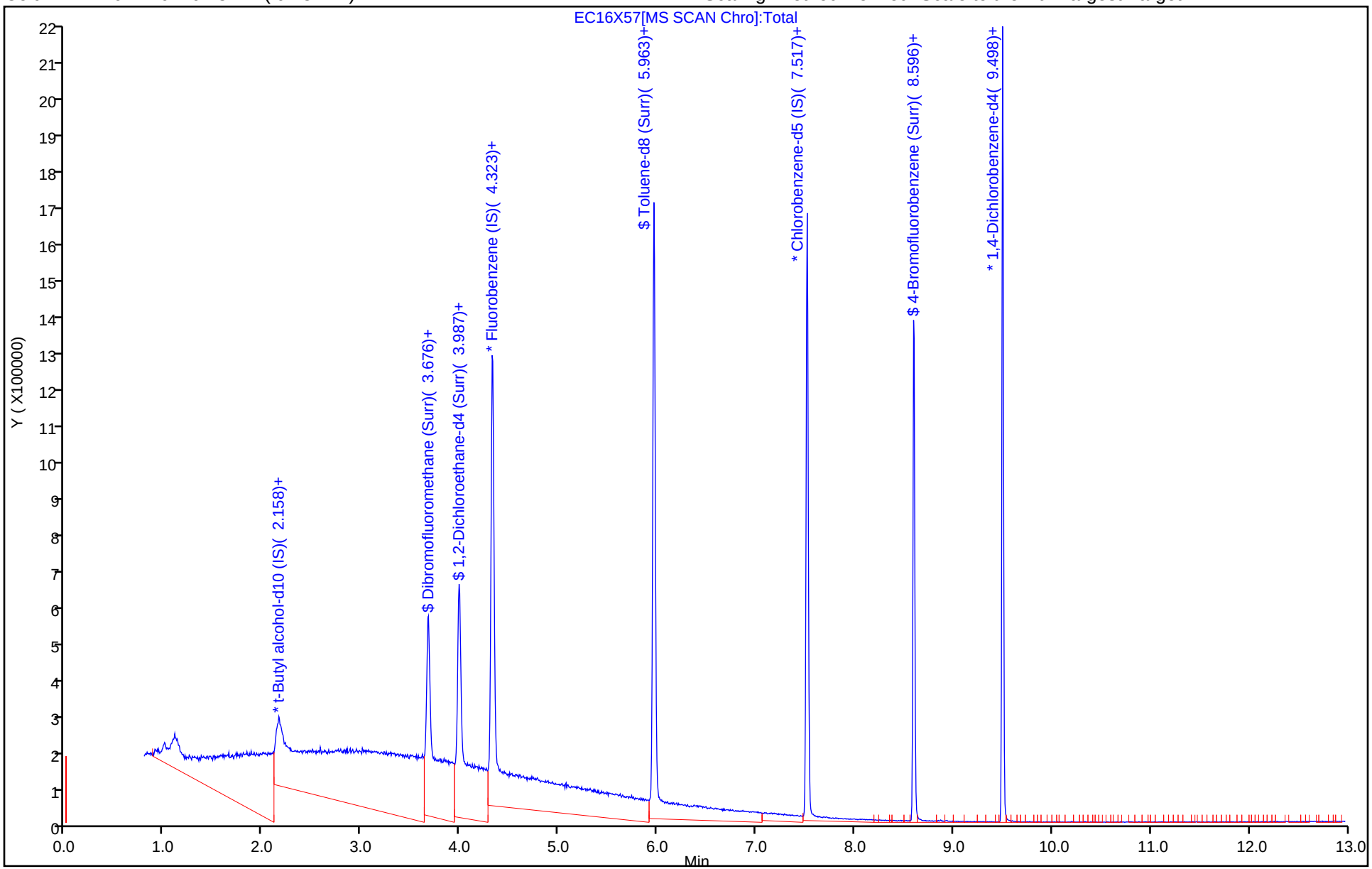
Report Date: 17-Oct-2025 12:27:21 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X57.D

Injection Date:	16-Oct-2025 21:00:30	Instrument ID:	15648	Operator ID:	MCD07824
Lims ID:	410-246092-A-9	Lab Sample ID:	410-246092-9	Worklist Smp#:	8
Client ID:	HD-QC4-0/1-2				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X57.D
Lims ID: 410-246092-A-9
Client ID: HD-QC4-0/1-2
Sample Type: Client
Inject. Date: 16-Oct-2025 21:00:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163464-008
Operator ID: MCD07824 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 16-Oct-2025 22:00:25 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1609

First Level Reviewer: N9NA Date: 17-Oct-2025 12:27:20

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.2	104.39
$ 79 1,2-Dichloroethane-d4 (Surr)	50.0	54.7	109.37
$ 111 Toluene-d8 (Surr)	50.0	50.3	100.55
$ 140 4-Bromofluorobenzene (Surr)	50.0	45.3	90.70

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/02/2025 23:43 Calibration End Date: 09/03/2025 01:22 Calibration ID: 76272

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-693589/3	ES02X02.D
Level 2	IC 410-693589/4	ES02X03.D
Level 3	IC 410-693589/5	ES02X04.D
Level 4	IC 410-693589/6	ES02X05.D
Level 5	IC 410-693589/7	ES02X06.D
Level 6	IC 410-693589/8	ES02X07.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.1626 0.1476	0.1552	0.1601	0.1558	0.1563	Ave		0.1563				3.3		20.0			
Chlorodifluoromethane	10.408 9.7116	10.160	10.684	10.089	10.392	Ave		10.241				3.3		20.0			
Freon 133a	0.3124 0.2870	0.3062	0.3055	0.3018	0.3035	Ave		0.3027				2.8		20.0			
Ethanol	0.0837 0.0658	0.0857	0.0803	0.0737	0.0704	Ave		0.0766				10.3		20.0			
Acetonitrile	1.3259 1.2179	1.2294	1.4620	1.2780	1.2698	Ave		1.2972				6.9		20.0			
Vinyl acetate	0.5916 0.6620	0.5356	0.6482	0.6313	0.6519	Ave		0.6201				7.8		20.0			
Ethyl acetate	0.3302 0.3559	0.3112	0.3613	0.3574	0.3532	Ave		0.3449				5.7		20.0			
Isopropyl acetate	0.5743 0.6479	0.5620	0.6621	0.6368	0.6360	Ave		0.6198				6.7		20.0			
n-Propyl acetate	0.1166 0.1389	0.1133	0.1340	0.1346	0.1359	Ave		0.1289				8.5		20.0			
3,4-Dichloro-1-butene	0.3139 0.3672	0.2938	0.3390	0.3387	0.3556	Ave		0.3347				8.1		20.0			
Butyl acetate	0.6300 0.7668	0.5996	0.7425	0.7187	0.7390	Ave		0.6994				9.7		20.0			
cis-1,4-Dichloro-2-butene	0.1678 0.2044	0.1573	0.1760	0.1850	0.1951	Ave		0.1809				9.6		20.0			
2,3,4-Trichlorobutene	0.4999 0.6100	0.4894	0.5700	0.5783	0.5966	Ave		0.5574				9.1		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.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/02/2025 23:43 Calibration End Date: 09/03/2025 01:22 Calibration ID: 76272

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Pentachloroethane	0.3541 0.4266	0.3743	0.4035	0.3964	0.4117	Ave		0.3944				6.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC | Job No.: 410-246092-1 | Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 | GC Column: DB-624 20m | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/02/2025 23:43 | Calibration End Date: 09/03/2025 01:22 | Calibration ID: 76272

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-693589/3	ES02X02.D
Level 2	IC 410-693589/4	ES02X03.D
Level 3	IC 410-693589/5	ES02X04.D
Level 4	IC 410-693589/6	ES02X05.D
Level 5	IC 410-693589/7	ES02X06.D
Level 6	IC 410-693589/8	ES02X07.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	14695 929845	29866	63105	159206	319980	4.00 300	10.0	20.0	50.0	100
Chlorodifluoromethane	TBAd10	Ave	37929 2348914	77698	160599	402155	810643	4.00 300	10.0	20.0	50.0	100
Freon 133a	FB	Ave	28227 1808298	58922	120398	308352	621445	4.00 300	10.0	20.0	50.0	100
Ethanol	TBAd10	Ave	19058 397694	32763	60369	73447	137276	250 7500	500	1000	1250	2500
Acetonitrile	TBAd10	Ave	24158 1472834	47009	109883	254715	495255	20.0 1500	50.0	100	250	500
Vinyl acetate	FB	Ave	53452 4170778	103078	255488	645049	1334912	4.00 300	10.0	20.0	50.0	100
Ethyl acetate	FB	Ave	29831 2242403	59898	142389	365151	723245	4.00 300	10.0	20.0	50.0	100
Isopropyl acetate	FB	Ave	51886 4081719	108160	260966	650615	1302298	4.00 300	10.0	20.0	50.0	100
n-Propyl acetate	FB	Ave	10532 875040	21805	52805	137515	278190	4.00 300	10.0	20.0	50.0	100
3,4-Dichloro-1-butene	CBZd5	Ave	20807 1697362	41887	98173	257173	537954	4.00 300	10.00	20.0	50.0	100.0
Butyl acetate	CBZd5	Ave	41769 3544962	85520	215075	545845	1118340	4.00 300	10.0	20.0	50.0	100
cis-1,4-Dichloro-2-butene	CBZd5	Ave	11124 944542	22423	50960	140500	295223	4.00 300	10.00	20.0	50.0	100.0
2,3,4-Trichlorobutene	DCBd4	Ave	17994 1504376	37617	88710	233271	476867	4.00 300	10.00	20.0	50.0	100.0
Pentachloroethane	DCBd4	Ave	12754 1052371	28784	62819	159971	329236	4.00 300	10.0	20.0	50.0	100

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC | Job No.: 410-246092-1 | Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 | GC Column: DB-624 20m | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/02/2025 23:43 | Calibration End Date: 09/03/2025 01:22 | Calibration ID: 76272

Curve Type Legend:
Ave = Average ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC | Job No.: 410-246092-1 | Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 | GC Column: DB-624 20m | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/02/2025 23:43 | Calibration End Date: 09/03/2025 01:22 | Calibration ID: 76272

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-693589/3	ES02X02.D
Level 2	IC 410-693589/4	ES02X03.D
Level 3	IC 410-693589/5	ES02X04.D
Level 4	IC 410-693589/6	ES02X05.D
Level 5	IC 410-693589/7	ES02X06.D
Level 6	IC 410-693589/8	ES02X07.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Chlorotrifluoroethene	4.1	-0.7	2.5	-0.3	0.0	-5.6	50	30	30	30	30	30
Chlorodifluoromethane	1.6	-0.8	4.3	-1.5	1.5	-5.2	50	30	30	30	30	30
Freon 133a	3.2	1.1	0.9	-0.3	0.3	-5.2	50	30	30	30	30	30
Ethanol	9.3	11.9	4.9	-3.8	-8.1	-14.1	50	30	30	30	30	30
Acetonitrile	2.2	-5.2	12.7	-1.5	-2.1	-6.1	50	30	30	30	30	30
Vinyl acetate	-4.6	-13.6	4.5	1.8	5.1	6.8	50	30	30	30	30	30
Ethyl acetate	-4.3	-9.8	4.8	3.6	2.4	3.2	50	30	30	30	30	30
Isopropyl acetate	-7.4	-9.3	6.8	2.7	2.6	4.5	50	30	30	30	30	30
n-Propyl acetate	-9.5	-12.1	4.0	4.4	5.4	7.8	50	30	30	30	30	30
3,4-Dichloro-1-butene	-6.2	-12.2	1.3	1.2	6.2	9.7	50	30	30	30	30	30
Butyl acetate	-9.9	-14.3	6.2	2.7	5.7	9.6	50	30	30	30	30	30
cis-1,4-Dichloro-2-butene	-7.2	-13.1	-2.7	2.3	7.9	12.9	50	30	30	30	30	30
2,3,4-Trichlorobutene	-10.3	-12.2	2.3	3.8	7.0	9.4	50	30	30	30	30	30
Pentachloroethane	-10.2	-5.1	2.3	0.5	4.4	8.1	50	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X02.D
Lims ID: IC sm v4
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 02-Sep-2025 23:43:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0158419-003
Misc. Info.: IC SM V4
Operator ID: gaw91131 Instrument ID: 15648
Sublist: chrom-MSVoa_15648*sub44

Method: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 04-Sep-2025 10:35:10 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: DVW2 Date: 03-Sep-2025 08:15:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.037	1.037	0.000	95	14695	4.00	4.16	
3 Chlorodifluoromethane	51	1.067	1.061	0.006	97	37929	4.00	4.07	
7 2-Chloro-1,1,1-Trifluoroethane	118	1.250	1.244	0.006	36	28227	4.00	4.13	
13 Ethanol	45	1.628	1.616	0.012	96	19058	250.0	273.1	
24 Acetonitrile	41	2.043	2.043	0.000	93	24158	20.0	20.4	
* 27 t-Butyl alcohol-d10 (IS)	65	2.171	2.165	0.006	26	227756	250.0	250.0	
36 Vinyl acetate	43	2.762	2.756	0.006	97	53452	4.00	3.82	
45 Ethyl acetate	43	3.317	3.305	0.012	99	29831	4.00	3.83	
86 Isopropyl acetate	43	4.170	4.164	0.006	99	51886	4.00	3.71	
* 88 Fluorobenzene (IS)	96	4.335	4.335	0.000	98	1129408	50.0	50.0	
105 n-Propyl acetate	61	5.164	5.152	0.012	98	10532	4.00	3.62	
120 3,4-Dichloro-1-butene	75	6.712	6.713	-0.001	86	20807	4.00	3.75	
123 n-Butyl acetate	43	6.969	6.962	0.007	98	41769	4.00	3.60	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.523	-0.006	89	828692	50.0	50.0	
139 cis-1,4-Dichloro-2-butene	88	8.541	8.541	0.000	0	11124	4.00	3.71	
150 2,3,4-Trichlorobutene	109	9.011	9.011	0.000	0	17994	4.00	3.59	
151 Pentachloroethane	167	9.218	9.218	0.000	89	12754	4.00	3.59	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	97	450168	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:

MSV_CCV_V5ACE_00053	Amount Added:	4.00	Units: uL
MSV_CCV_Penta_00071	Amount Added:	4.00	Units: uL
MSV_CCV_LKB_00013	Amount Added:	4.00	Units: uL
MSV_V_SMFreon_00054	Amount Added:	2.00	Units: uL
MSV_CCV_ETOH_00009	Amount Added:	20.00	Units: uL
MSV_Cent_ISO_00012	Amount Added:	5.00	Units: uL

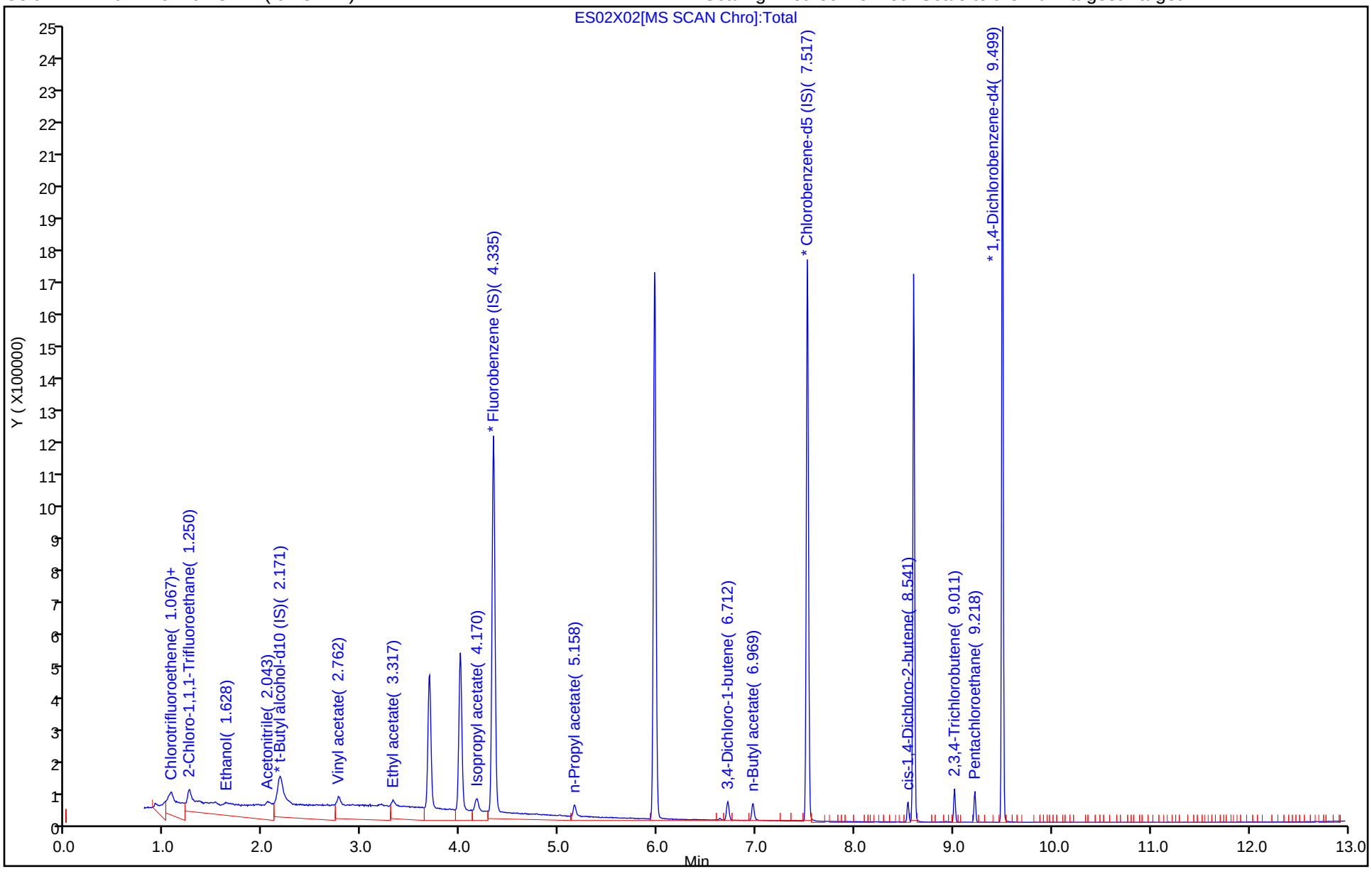
Report Date: 04-Sep-2025 10:35:10 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X02.D

Injection Date:	02-Sep-2025 23:43:30	Instrument ID:	15648	Operator ID:	gaw91131
Lims ID:	IC sm v4			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X03.D
Lims ID: IC sm v10
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Sep-2025 00:03:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0158419-004
Misc. Info.: IC SM V10
Operator ID: gaw91131 Instrument ID: 15648
Sublist: chrom-MSVoa_15648*sub44

Method: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 04-Sep-2025 10:35:14 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: DVW2 Date: 03-Sep-2025 08:15:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.037	1.037	0.000	96	29866	10.0	9.93	
3 Chlorodifluoromethane	51	1.067	1.061	0.006	97	77698	10.0	9.92	
7 2-Chloro-1,1,1-Trifluoroethane	118	1.244	1.244	0.000	35	58922	10.0	10.1	
13 Ethanol	45	1.616	1.616	0.000	98	32763	500.0	559.4	M
24 Acetonitrile	41	2.037	2.043	-0.006	97	47009	50.0	47.4	
* 27 t-Butyl alcohol-d10 (IS)	65	2.165	2.165	0.000	26	191183	250.0	250.0	
36 Vinyl acetate	43	2.762	2.756	0.006	98	103078	10.0	8.64	
45 Ethyl acetate	43	3.311	3.305	0.006	99	59898	10.0	9.02	
86 Isopropyl acetate	43	4.164	4.164	0.000	98	108160	10.0	9.07	
* 88 Fluorobenzene (IS)	96	4.335	4.335	0.000	98	962275	50.0	50.0	
105 n-Propyl acetate	61	5.152	5.152	0.000	99	21805	10.0	8.79	
120 3,4-Dichloro-1-butene	75	6.713	6.713	0.000	86	41887	10.0	8.77	
123 n-Butyl acetate	43	6.962	6.962	0.000	97	85520	10.0	8.57	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.523	-0.006	88	713113	50.0	50.0	
139 cis-1,4-Dichloro-2-butene	88	8.541	8.541	0.000	0	22423	10.0	8.69	
150 2,3,4-Trichlorobutene	109	9.011	9.011	0.000	0	37617	10.0	8.78	
151 Pentachloroethane	167	9.218	9.218	0.000	89	28784	10.0	9.49	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	97	384455	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

MSV_CCV_V5ACE_00053	Amount Added:	2.00	Units: uL
MSV_CCV_Penta_00071	Amount Added:	2.00	Units: uL
MSV_V_SMFreon_00054	Amount Added:	1.00	Units: uL
MSV_CCV_LKB_00013	Amount Added:	2.00	Units: uL
MSV_CCV_ETOH_00009	Amount Added:	8.00	Units: uL
MSV_Cent_ISO_00012	Amount Added:	5.00	Units: uL

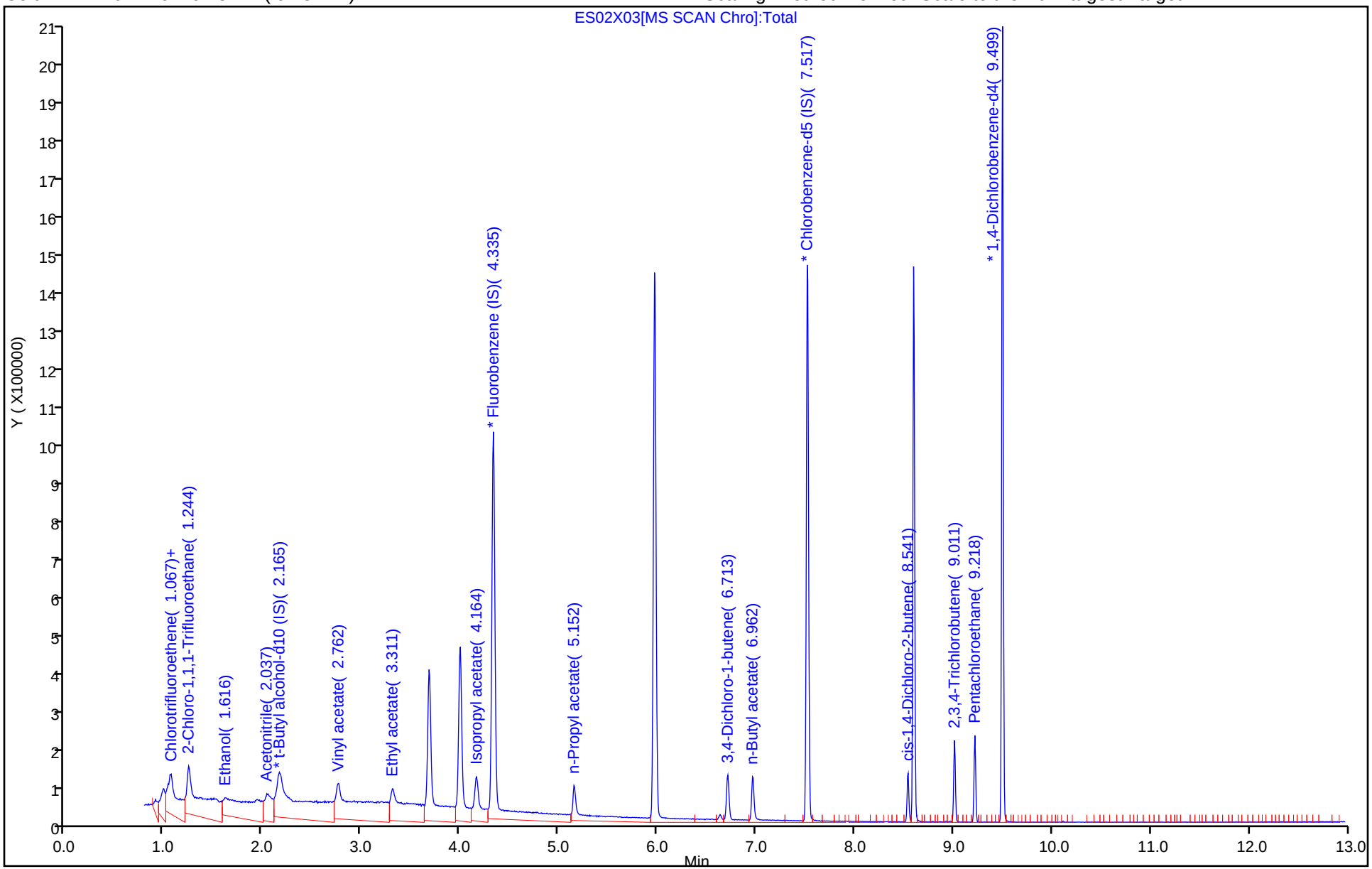
Report Date: 04-Sep-2025 10:35:15 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X03.D

Injection Date:	03-Sep-2025 00:03:30	Instrument ID:	15648	Operator ID:	gaw91131
Lims ID:	IC sm v10			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

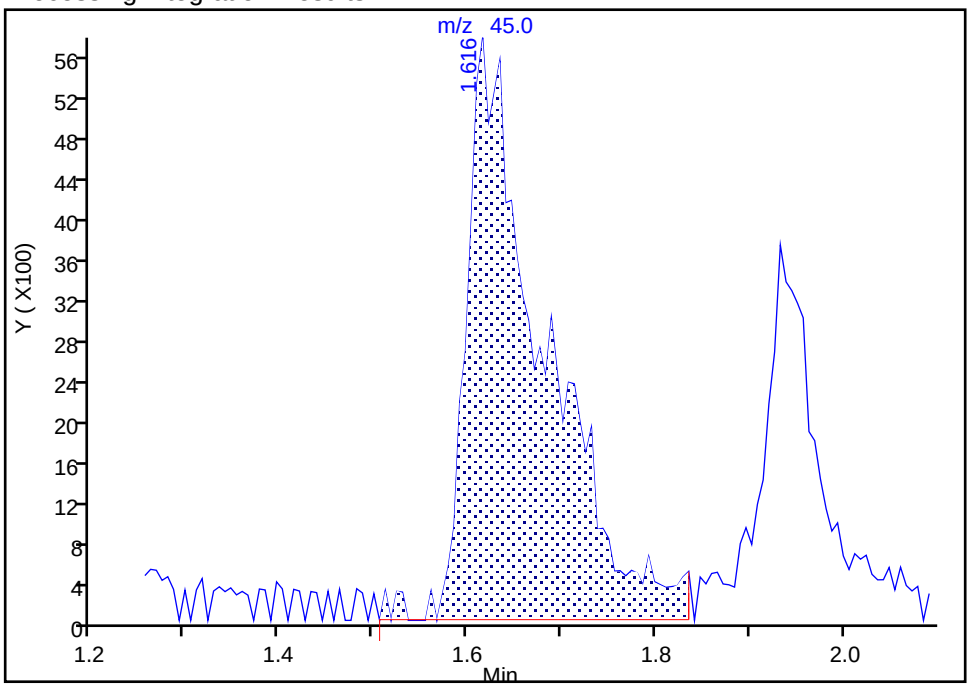
Data File:	\\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X03.D				
Injection Date:	03-Sep-2025 00:03:30	Instrument ID:	15648		
Lims ID:	IC sm v10				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

13 Ethanol, CAS: 64-17-5

Signal: 1

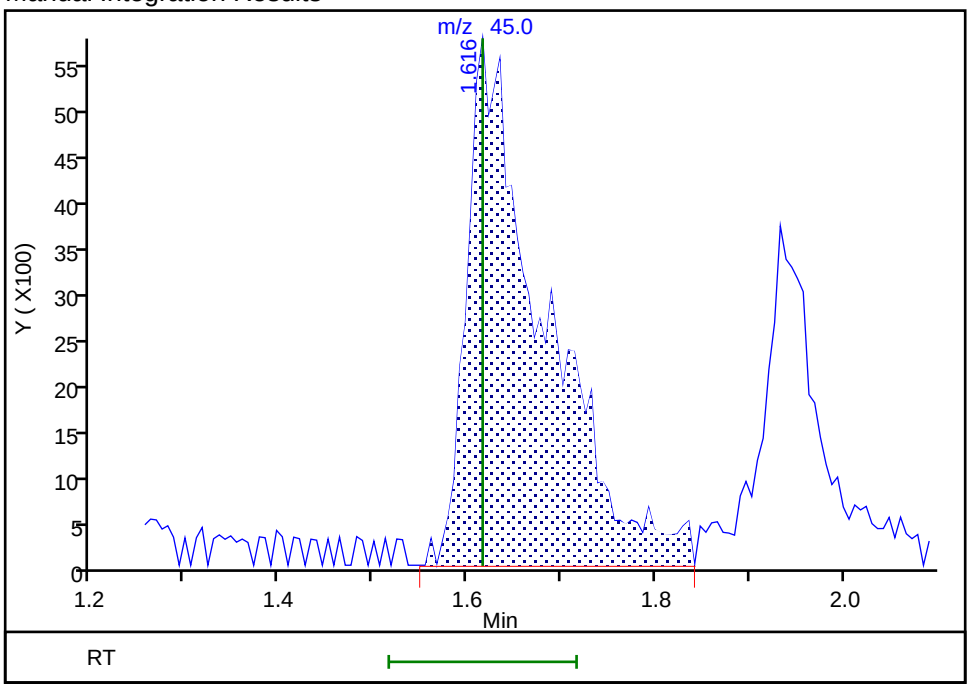
Processing Integration Results

RT: 1.62
Area: 33079
Amount: 562.4810
Amount Units: ug/l



Manual Integration Results

RT: 1.62
Area: 32763
Amount: 559.3601
Amount Units: ug/l



Reviewer: UCB5, 04-Sep-2025 10:14:23 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Shouldering

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X04.D
Lims ID: IC sm v20
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 03-Sep-2025 00:23:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0158419-005
Misc. Info.: IC SM V20
Operator ID: gaw91131 Instrument ID: 15648
Sublist: chrom-MSVoa_15648*sub44

Method: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 04-Sep-2025 10:35:17 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: DVW2 Date: 03-Sep-2025 08:14:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.037	1.037	0.000	95	63105	20.0	20.5	
3 Chlorodifluoromethane	51	1.067	1.067	0.000	97	160599	20.0	20.9	
7 2-Chloro-1,1,1-Trifluoroethane	118	1.244	1.244	0.000	36	120398	20.0	20.2	
13 Ethanol	45	1.622	1.622	0.000	98	60369	1000.0	1048.7	M
24 Acetonitrile	41	2.043	2.043	0.000	98	109883	100.0	112.7	
* 27 t-Butyl alcohol-d10 (IS)	65	2.171	2.171	0.000	33	187895	250.0	250.0	
36 Vinyl acetate	43	2.762	2.762	0.000	98	255488	20.0	20.9	
45 Ethyl acetate	43	3.311	3.311	0.000	100	142389	20.0	21.0	
86 Isopropyl acetate	43	4.164	4.164	0.000	98	260966	20.0	21.4	
* 88 Fluorobenzene (IS)	96	4.335	4.335	0.000	98	985336	50.0	50.0	
105 n-Propyl acetate	61	5.152	5.152	0.000	99	52805	20.0	20.8	
120 3,4-Dichloro-1-butene	75	6.712	6.712	0.000	87	98173	20.0	20.3	
123 n-Butyl acetate	43	6.962	6.962	0.000	97	215075	20.0	21.2	
* 126 Chlorobenzene-d5 (IS)	117	7.523	7.523	0.000	89	724143	50.0	50.0	
139 cis-1,4-Dichloro-2-butene	88	8.541	8.541	0.000	0	50960	20.0	19.4	
150 2,3,4-Trichlorobutene	109	9.011	9.011	0.000	0	88710	20.0	20.4	
151 Pentachloroethane	167	9.218	9.218	0.000	90	62819	20.0	20.5	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	97	389248	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

MSV_CCV_V5ACE_00053	Amount Added:	4.00	Units: uL
MSV_CCV_Penta_00071	Amount Added:	4.00	Units: uL
MSV_V_SMFreon_00054	Amount Added:	2.00	Units: uL
MSV_CCV_LKB_00013	Amount Added:	4.00	Units: uL
MSV_CCV_ETOH_00009	Amount Added:	16.00	Units: uL
MSV_Cent_ISO_00012	Amount Added:	5.00	Units: uL

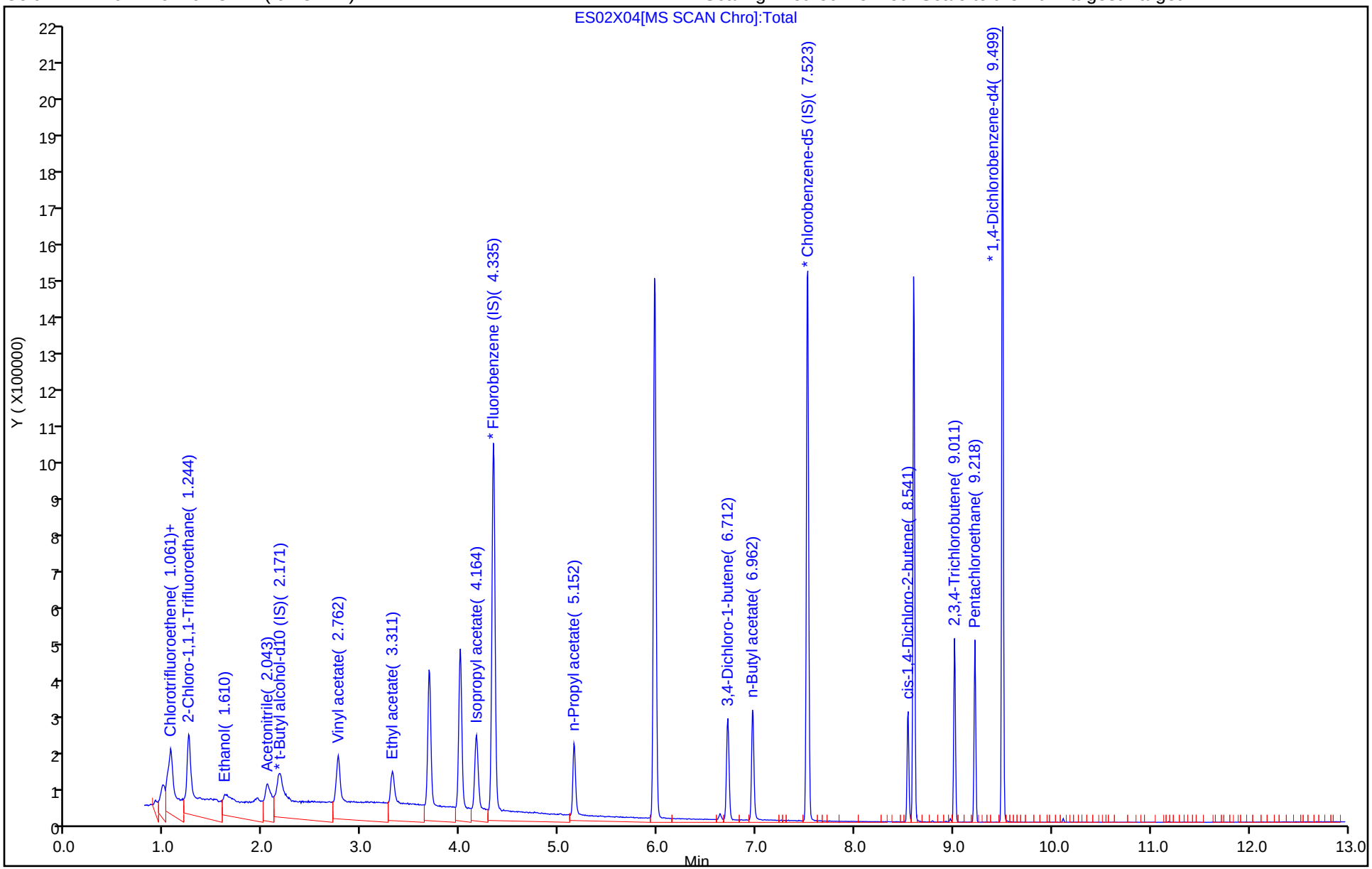
Report Date: 04-Sep-2025 10:35:18 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X04.D

Injection Date:	03-Sep-2025 00:23:30	Instrument ID:	15648	Operator ID:	gaw91131
Lims ID:	IC sm v20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

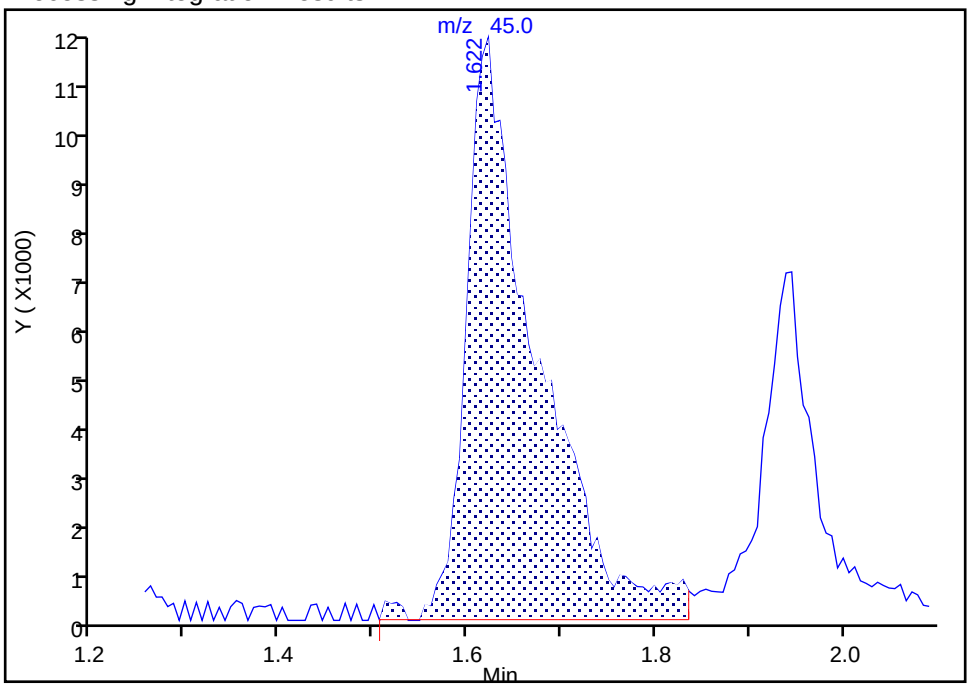
Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X04.D
Injection Date: 03-Sep-2025 00:23:30 Instrument ID: 15648
Lims ID: IC sm v20
Client ID:
Operator ID: gaw91131 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15648 Limit Group: MSV - 8260C_D
Column: DB-624 20m 0.18mm (0.18 mm) Detector MS Quad

13 Ethanol, CAS: 64-17-5

Signal: 1

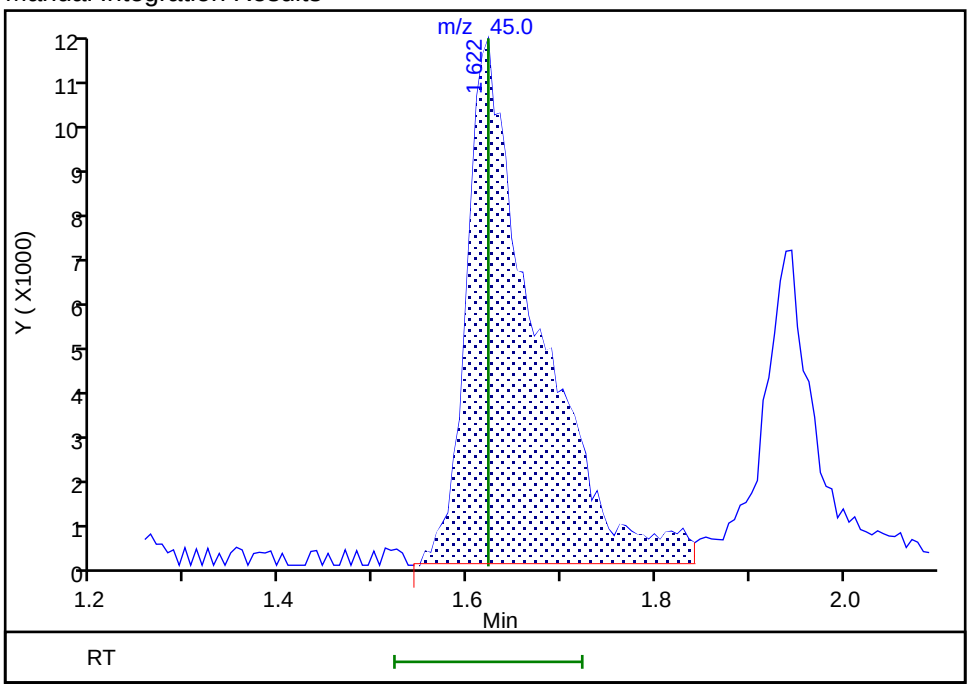
Processing Integration Results

RT: 1.62
Area: 61026
Amount: 1057.7499
Amount Units: ug/l



Manual Integration Results

RT: 1.62
Area: 60369
Amount: 1048.7111
Amount Units: ug/l



Reviewer: UCB5, 04-Sep-2025 10:14:59 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Shouldering

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X05.D
Lims ID: IC sm v50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 03-Sep-2025 00:42:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0158419-006
Misc. Info.: IC SM V50
Operator ID: gaw91131 Instrument ID: 15648
Sublist: chrom-MSVoa_15648*sub44

Method: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 04-Sep-2025 10:35:20 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: DVW2 Date: 03-Sep-2025 08:14:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.037	1.037	0.000	96	159206	50.0	49.9	
3 Chlorodifluoromethane	51	1.061	1.061	0.000	97	402155	50.0	49.3	
7 2-Chloro-1,1,1-Trifluoroethane	118	1.244	1.244	0.000	36	308352	50.0	49.8	
13 Ethanol	45	1.616	1.616	0.000	100	73447	1250.0	1202.8	
24 Acetonitrile	41	2.043	2.043	0.000	99	254715	250.0	246.3	
* 27 t-Butyl alcohol-d10 (IS)	65	2.165	2.165	0.000	32	199309	250.0	250.0	
36 Vinyl acetate	43	2.756	2.756	0.000	98	645049	50.0	50.9	
45 Ethyl acetate	43	3.305	3.305	0.000	100	365151	50.0	51.8	
86 Isopropyl acetate	43	4.164	4.164	0.000	98	650615	50.0	51.4	
* 88 Fluorobenzene (IS)	96	4.335	4.335	0.000	98	1021771	50.0	50.0	
105 n-Propyl acetate	61	5.152	5.152	0.000	99	137515	50.0	52.2	
120 3,4-Dichloro-1-butene	75	6.713	6.713	0.000	88	257173	50.0	50.6	
123 n-Butyl acetate	43	6.962	6.962	0.000	97	545845	50.0	51.4	
* 126 Chlorobenzene-d5 (IS)	117	7.523	7.523	0.000	88	759540	50.0	50.0	
139 cis-1,4-Dichloro-2-butene	88	8.541	8.541	0.000	0	140500	50.0	51.1	
150 2,3,4-Trichlorobutene	109	9.011	9.011	0.000	0	233271	50.0	51.9	
151 Pentachloroethane	167	9.218	9.218	0.000	90	159971	50.0	50.2	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	97	403548	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:

MSV_CCV_V5ACE_00053	Amount Added:	5.00	Units: uL
MSV_CCV_Penta_00071	Amount Added:	5.00	Units: uL
MSV_V_SMFreon_00054	Amount Added:	2.50	Units: uL
MSV_CCV_LKB_00013	Amount Added:	5.00	Units: uL
MSV_CCV_ETOH_00009	Amount Added:	10.00	Units: uL
MSV_Cent_ISO_00012	Amount Added:	5.00	Units: uL

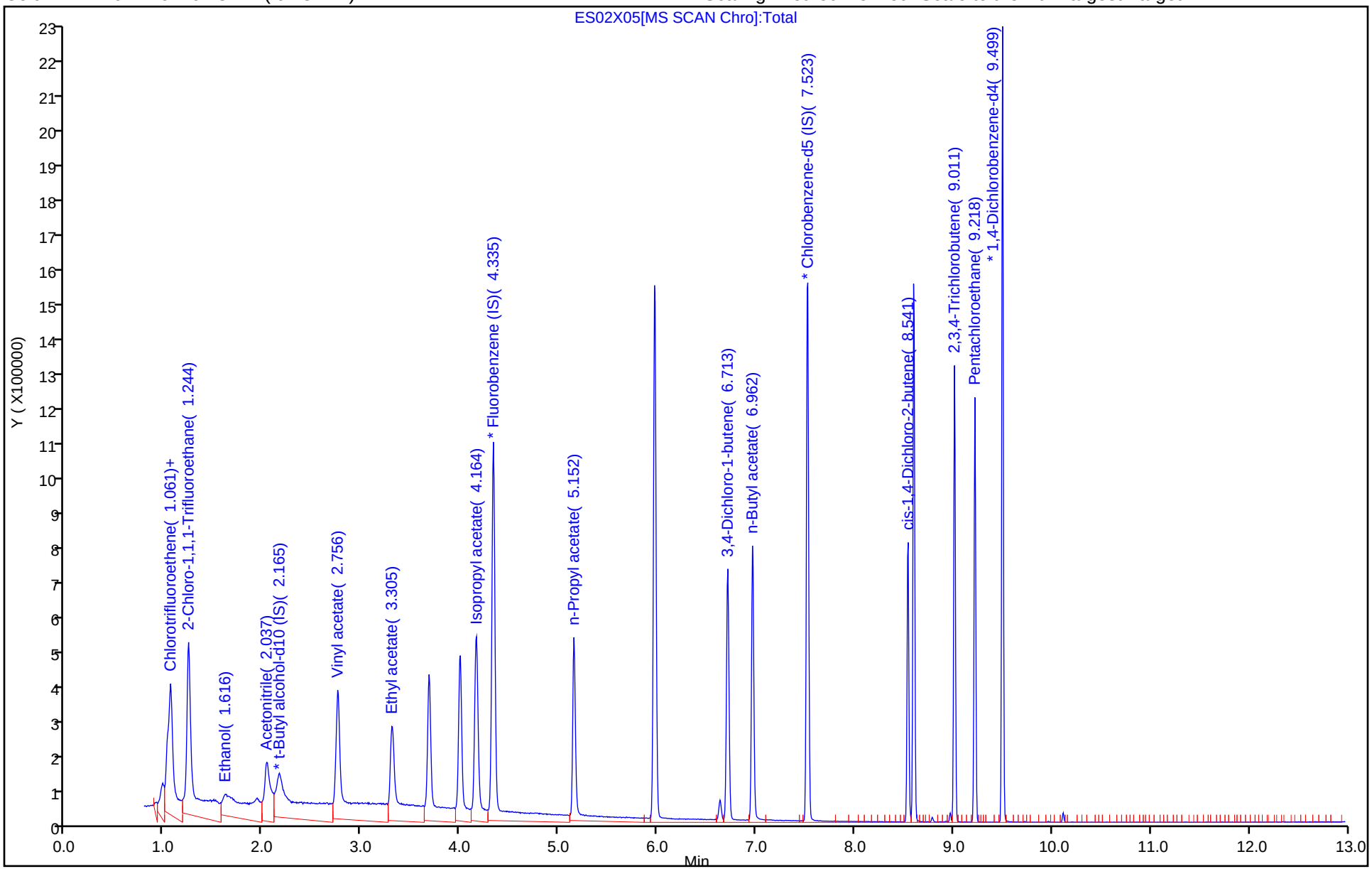
Report Date: 04-Sep-2025 10:35:21 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X05.D

Injection Date:	03-Sep-2025 00:42:30	Instrument ID:	15648	Operator ID:	gaw91131
Lims ID:	IC sm v50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X06.D
Lims ID: IC sm v100
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 03-Sep-2025 01:02:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0158419-007
Misc. Info.: IC SM V100
Operator ID: gaw91131 Instrument ID: 15648
Sublist: chrom-MSVoa_15648*sub44

Method: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 04-Sep-2025 10:35:25 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: DVW2 Date: 03-Sep-2025 08:14:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.043	1.037	0.006	95	319980	100.0	100.0	
3 Chlorodifluoromethane	51	1.073	1.061	0.012	97	810643	100.0	101.5	
7 2-Chloro-1,1,1-Trifluoroethane	118	1.256	1.244	0.012	36	621445	100.0	100.3	
13 Ethanol	45	1.628	1.616	0.012	99	137276	2500.0	2297.7	M
24 Acetonitrile	41	2.043	2.043	0.000	100	495255	500.0	489.5	
* 27 t-Butyl alcohol-d10 (IS)	65	2.177	2.165	0.012	33	195010	250.0	250.0	
36 Vinyl acetate	43	2.762	2.756	0.006	98	1334912	100.0	105.1	
45 Ethyl acetate	43	3.311	3.305	0.006	100	723245	100.0	102.4	
86 Isopropyl acetate	43	4.164	4.164	0.000	98	1302298	100.0	102.6	
* 88 Fluorobenzene (IS)	96	4.341	4.335	0.006	98	1023795	50.0	50.0	
105 n-Propyl acetate	61	5.158	5.152	0.006	99	278190	100.0	105.4	
120 3,4-Dichloro-1-butene	75	6.713	6.713	-0.001	88	537954	100.0	106.2	
123 n-Butyl acetate	43	6.962	6.962	0.000	97	1118340	100.0	105.7	
* 126 Chlorobenzene-d5 (IS)	117	7.523	7.523	0.000	88	756626	50.0	50.0	
139 cis-1,4-Dichloro-2-butene	88	8.541	8.541	0.000	0	295223	100.0	107.8	
150 2,3,4-Trichlorobutene	109	9.011	9.011	0.000	0	476867	100.0	107.0	
151 Pentachloroethane	167	9.218	9.218	0.000	91	329236	100.0	104.4	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	97	399833	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

MSV_CCV_V5ACE_00053	Amount Added:	5.00	Units: uL
MSV_CCV_Penta_00071	Amount Added:	5.00	Units: uL
MSV_V_SMFreon_00054	Amount Added:	2.50	Units: uL
MSV_CCV_LKB_00013	Amount Added:	5.00	Units: uL
MSV_CCV_ETOH_00009	Amount Added:	10.00	Units: uL
MSV_Cent_ISO_00012	Amount Added:	5.00	Units: uL

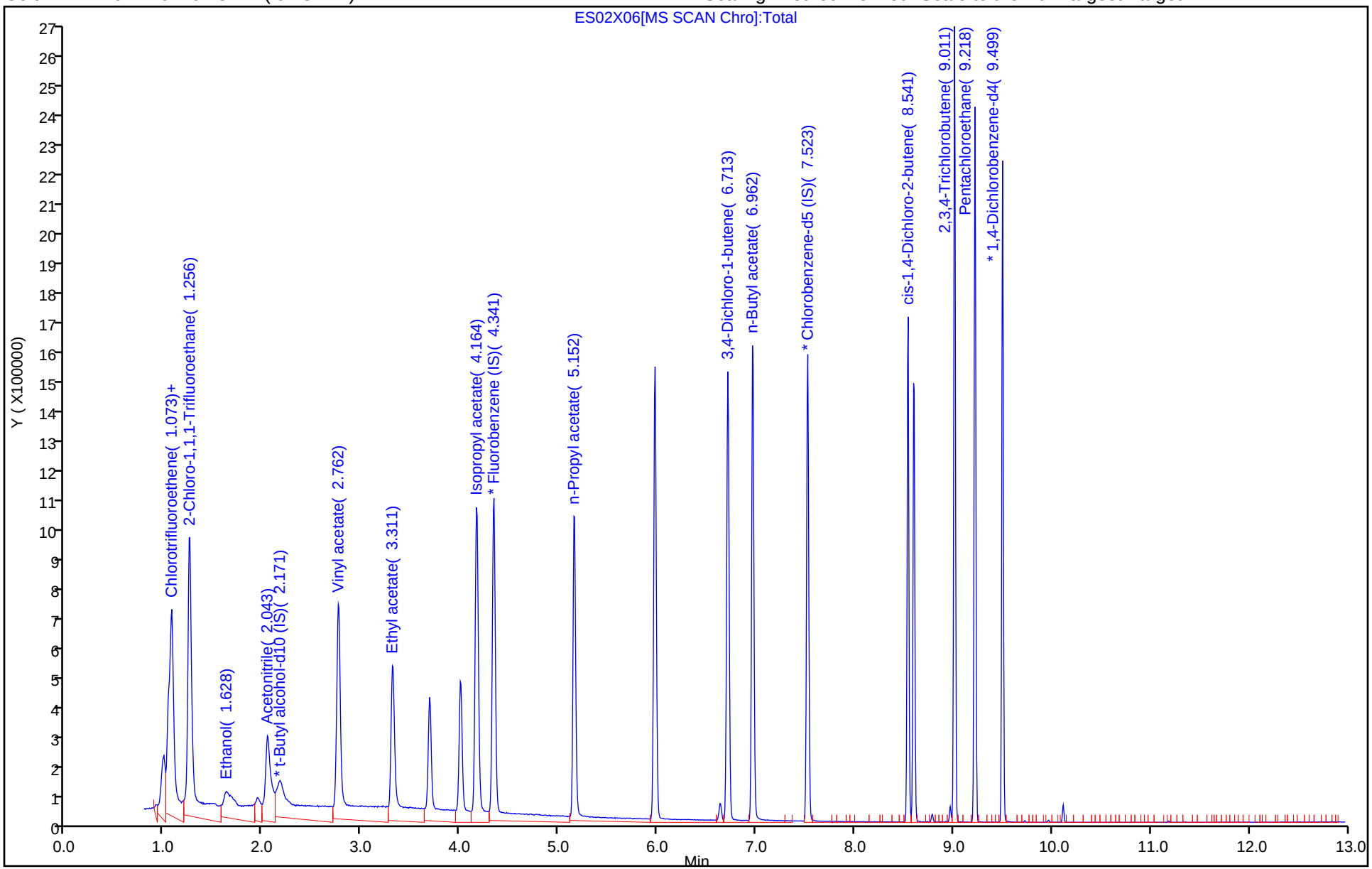
Report Date: 04-Sep-2025 10:35:26 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X06.D

Injection Date:	03-Sep-2025 01:02:30	Instrument ID:	15648	Operator ID:	gaw91131
Lims ID:	IC sm v100			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

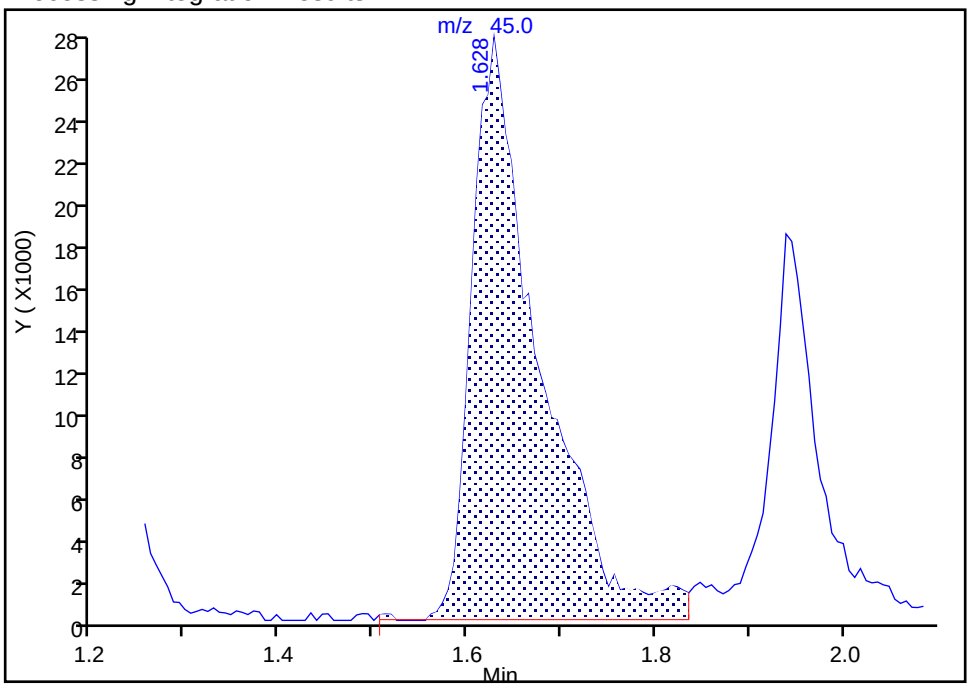
Data File:	\\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X06.D				
Injection Date:	03-Sep-2025 01:02:30	Instrument ID:	15648		
Lims ID:	IC sm v100				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

13 Ethanol, CAS: 64-17-5

Signal: 1

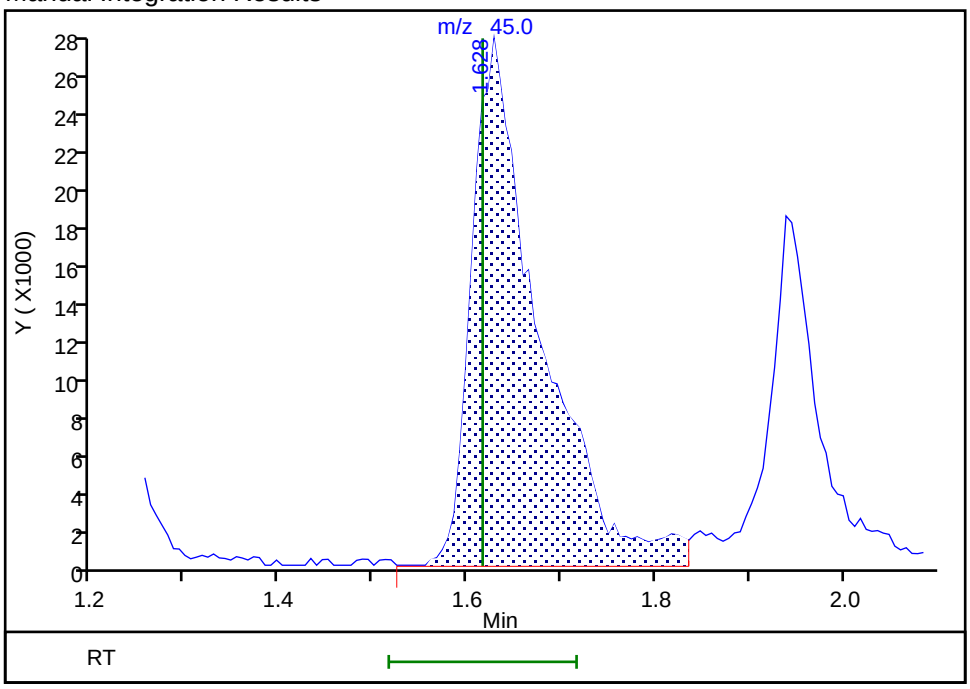
Processing Integration Results

RT: 1.63
Area: 137583
Amount: 2302.0580
Amount Units: ug/l



Manual Integration Results

RT: 1.63
Area: 137276
Amount: 2297.7081
Amount Units: ug/l



Reviewer: UCB5, 04-Sep-2025 10:15:36 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X07.D
Lims ID: IC sm v300
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 03-Sep-2025 01:22:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0158419-008
Misc. Info.: IC SM V300
Operator ID: gaw91131 Instrument ID: 15648
Sublist: chrom-MSVoa_15648*sub44

Method: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 04-Sep-2025 10:35:28 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: DVW2 Date: 03-Sep-2025 08:14:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.037	1.037	0.000	95	929845	300.0	283.3	
3 Chlorodifluoromethane	51	1.067	1.061	0.006	97	2348914	300.0	284.5	
7 2-Chloro-1,1,1-Trifluoroethane	118	1.244	1.244	0.000	38	1808298	300.0	284.4	
13 Ethanol	45	1.616	1.616	0.000	99	397694	7500.0	6440.4	
24 Acetonitrile	41	2.031	2.043	-0.012	99	1472834	1500.0	1408.3	
* 27 t-Butyl alcohol-d10 (IS)	65	2.165	2.165	0.000	33	201556	250.0	250.0	
36 Vinyl acetate	43	2.756	2.756	0.000	98	4170778	300.0	320.3	
45 Ethyl acetate	43	3.305	3.305	0.000	100	2242403	300.0	309.6	
86 Isopropyl acetate	43	4.158	4.164	-0.006	98	4081719	300.0	313.6	
* 88 Fluorobenzene (IS)	96	4.335	4.335	0.000	98	1050055	50.0	50.0	
105 n-Propyl acetate	61	5.152	5.152	0.000	99	875040	300.0	323.3	
120 3,4-Dichloro-1-butene	75	6.713	6.713	0.000	89	1697362	299.9	329.1	
123 n-Butyl acetate	43	6.963	6.962	0.001	98	3544962	300.0	328.9	
* 126 Chlorobenzene-d5 (IS)	117	7.523	7.523	0.000	88	770519	50.0	50.0	
139 cis-1,4-Dichloro-2-butene	88	8.541	8.541	0.000	0	944542	299.9	338.7	
150 2,3,4-Trichlorobutene	109	9.011	9.011	0.000	0	1504376	299.9	328.2	
151 Pentachloroethane	167	9.218	9.218	0.000	92	1052371	300.0	324.4	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	97	411194	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:

MSV_CCV_V5ACE_00053	Amount Added:	15.00	Units: uL
MSV_CCV_Penta_00071	Amount Added:	15.00	Units: uL
MSV_V_SMFreon_00054	Amount Added:	7.50	Units: uL
MSV_CCV_LKB_00013	Amount Added:	15.00	Units: uL
MSV_CCV_ETOH_00009	Amount Added:	30.00	Units: uL
MSV_Cent_ISO_00012	Amount Added:	5.00	Units: uL

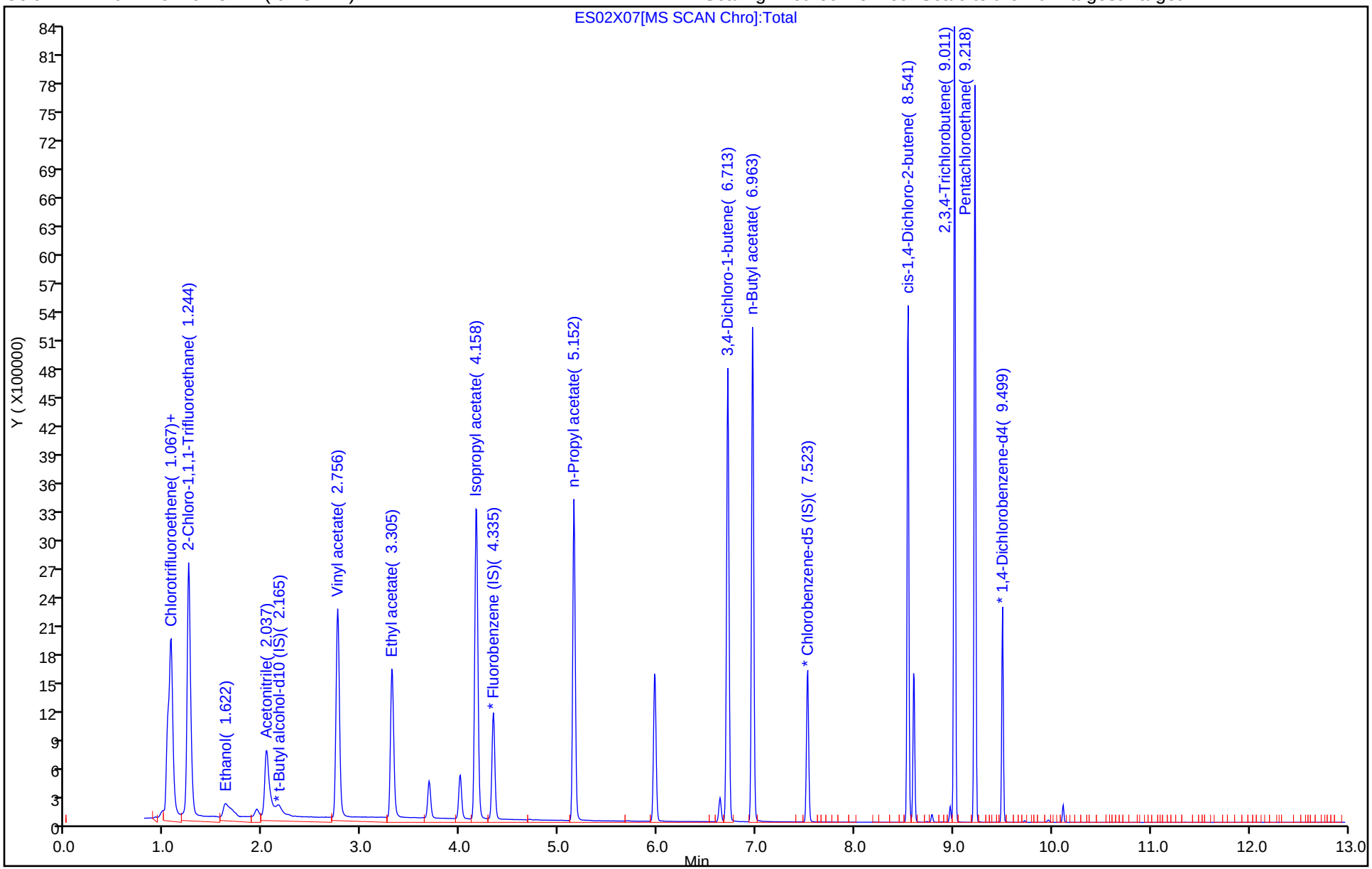
Report Date: 04-Sep-2025 10:35:28 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X07.D

Injection Date:	03-Sep-2025 01:22:30	Instrument ID:	15648	Operator ID:	gaw91131
Lims ID:	IC sm v300			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

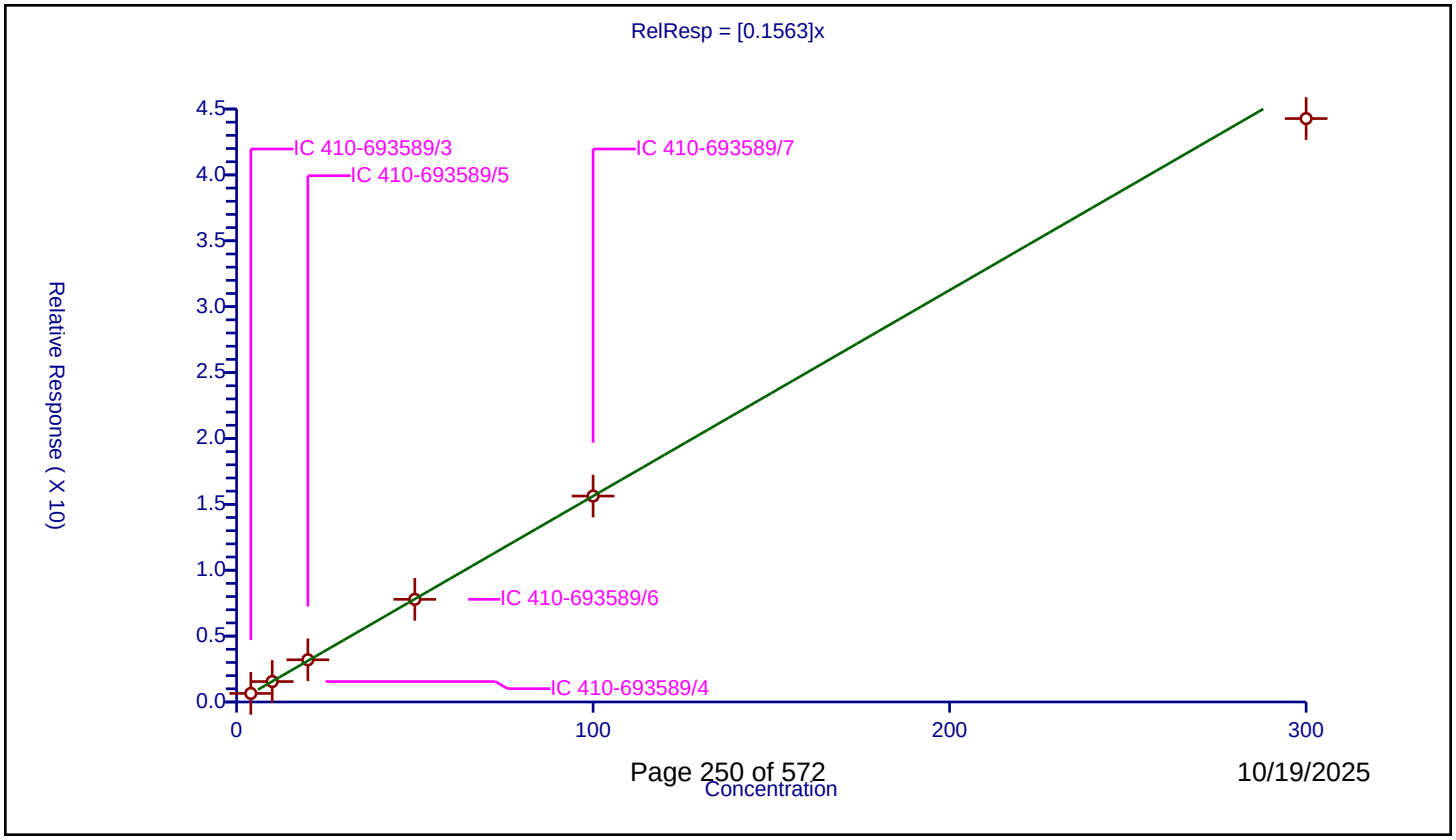
Curve Coefficients

Intercept:	0
Slope:	0.1563

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/3	4.0	0.650562	50.0	1129408.0	0.162641	Y
2	IC 410-693589/4	10.0	1.551843	50.0	962275.0	0.155184	Y
3	IC 410-693589/5	20.0	3.202207	50.0	985336.0	0.16011	Y
4	IC 410-693589/6	50.0	7.790689	50.0	1021771.0	0.155814	Y
5	IC 410-693589/7	100.0	15.627152	50.0	1023795.0	0.156272	Y
6	IC 410-693589/8	300.0	44.276014	50.0	1050055.0	0.147587	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

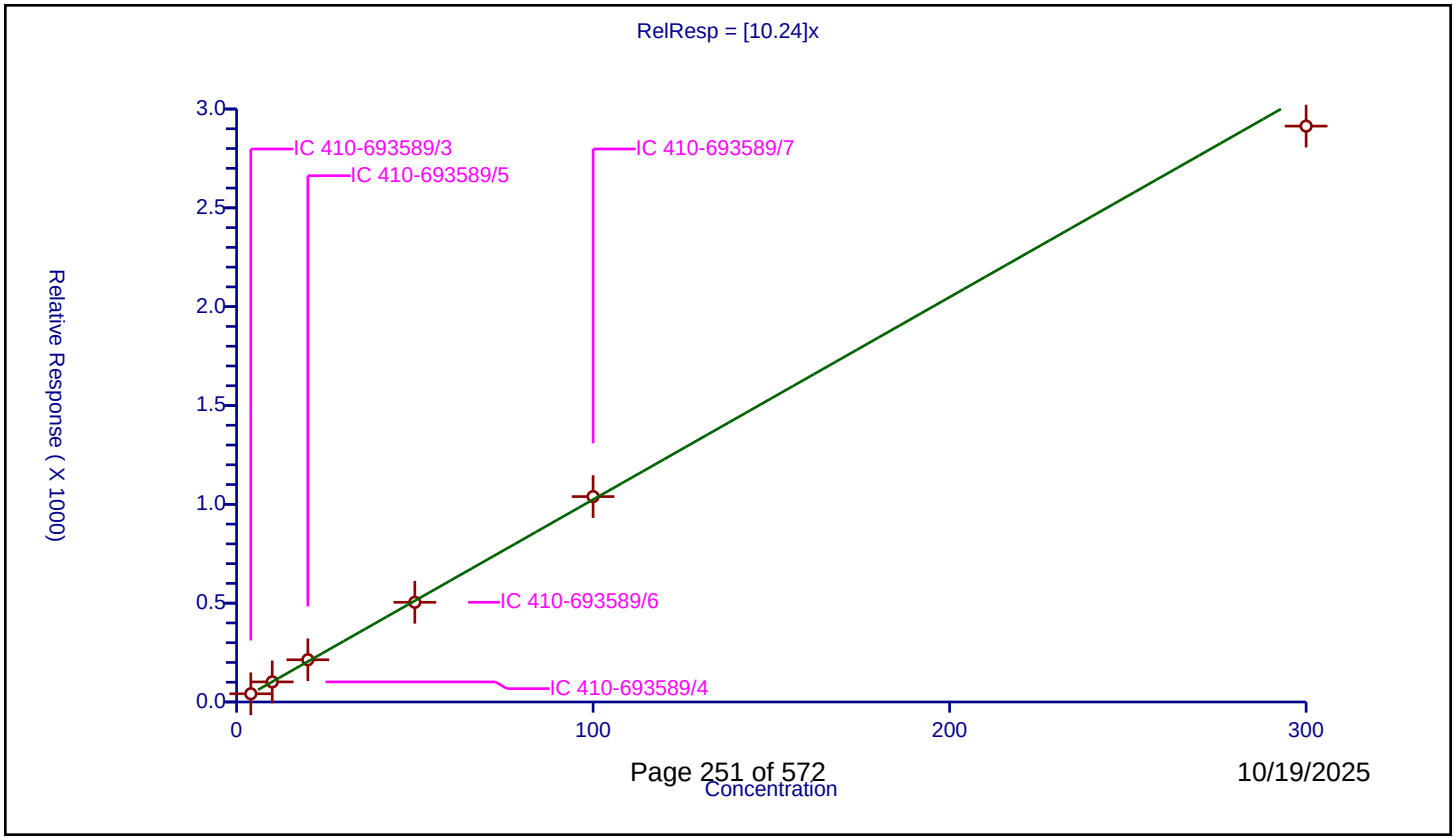
Curve Coefficients

Intercept:	0
Slope:	10.24

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/3	4.0	41.633371	250.0	227756.0	10.408343	Y
2	IC 410-693589/4	10.0	101.601607	250.0	191183.0	10.160161	Y
3	IC 410-693589/5	20.0	213.681844	250.0	187895.0	10.684092	Y
4	IC 410-693589/6	50.0	504.436578	250.0	199309.0	10.088732	Y
5	IC 410-693589/7	100.0	1039.232603	250.0	195010.0	10.392326	Y
6	IC 410-693589/8	300.0	2913.475659	250.0	201556.0	9.711586	Y



Calibration / 2-Chloro-1,1,1-Trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

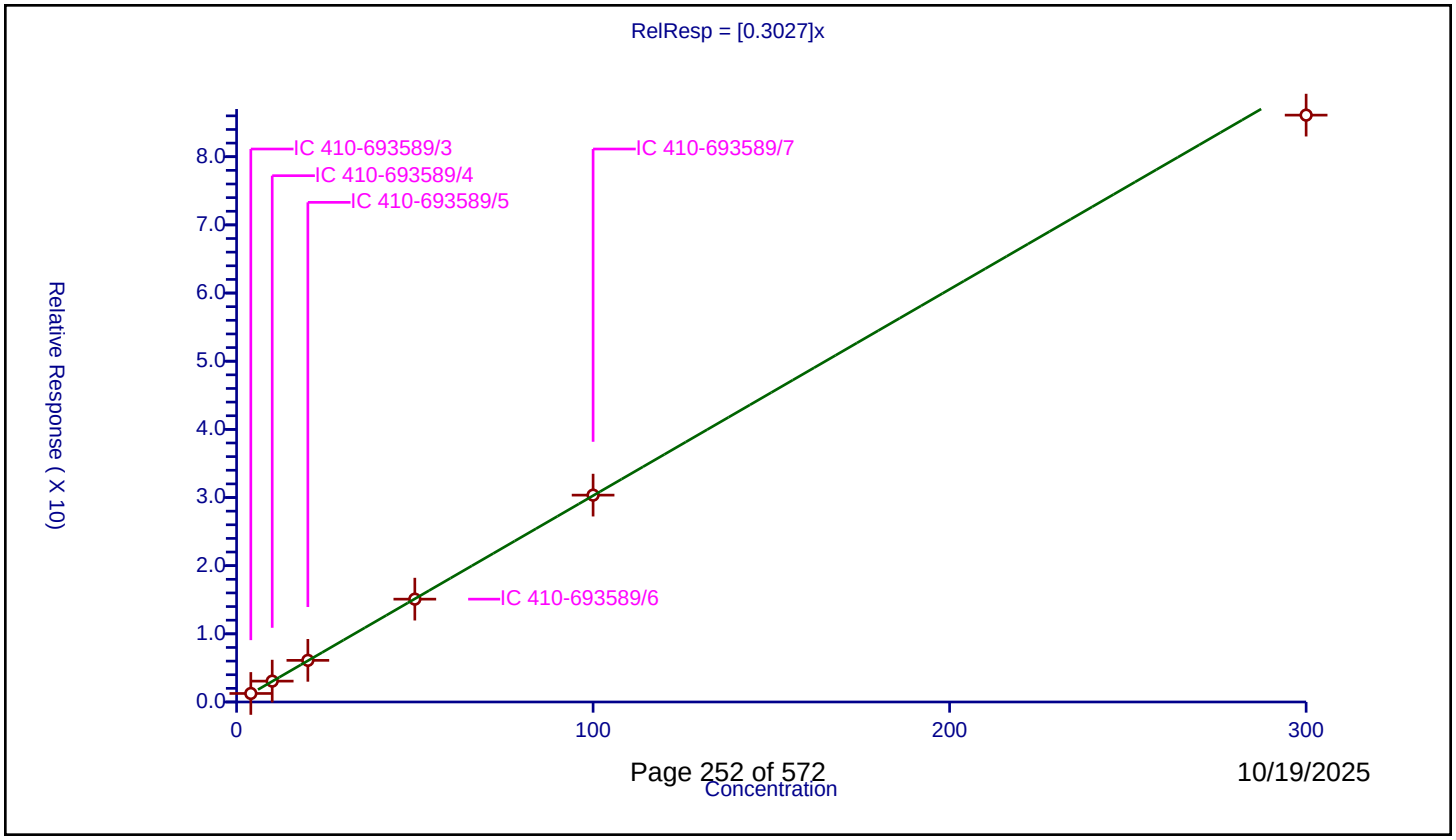
Curve Coefficients

Intercept:	0
Slope:	0.3027

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/3	4.0	1.249637	50.0	1129408.0	0.312409	Y
2	IC 410-693589/4	10.0	3.061599	50.0	962275.0	0.30616	Y
3	IC 410-693589/5	20.0	6.10949	50.0	985336.0	0.305474	Y
4	IC 410-693589/6	50.0	15.089095	50.0	1021771.0	0.301782	Y
5	IC 410-693589/7	100.0	30.35007	50.0	1023795.0	0.303501	Y
6	IC 410-693589/8	300.0	86.104918	50.0	1050055.0	0.287016	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

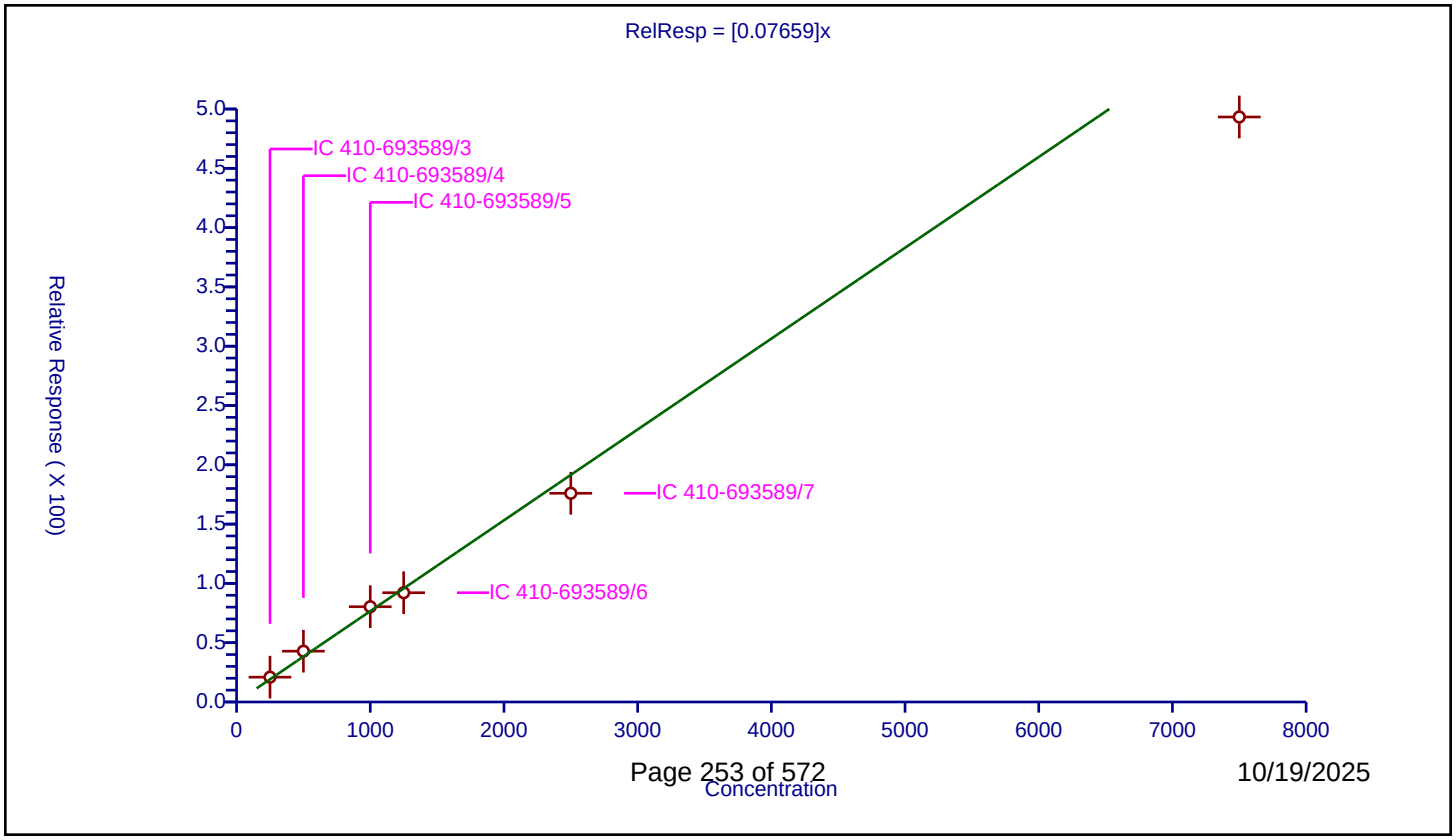
Curve Coefficients

Intercept:	0
Slope:	0.07659

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/3	250.00008	20.919317	250.0	227756.0	0.083677	Y
2	IC 410-693589/4	500.00016	42.84246	250.0	191183.0	0.085685	Y
3	IC 410-693589/5	1000.00032	80.322787	250.0	187895.0	0.080323	Y
4	IC 410-693589/6	1250.0004	92.127049	250.0	199309.0	0.073702	Y
5	IC 410-693589/7	2500.0008	175.985847	250.0	195010.0	0.070394	Y
6	IC 410-693589/8	7500.0024	493.279783	250.0	201556.0	0.065771	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

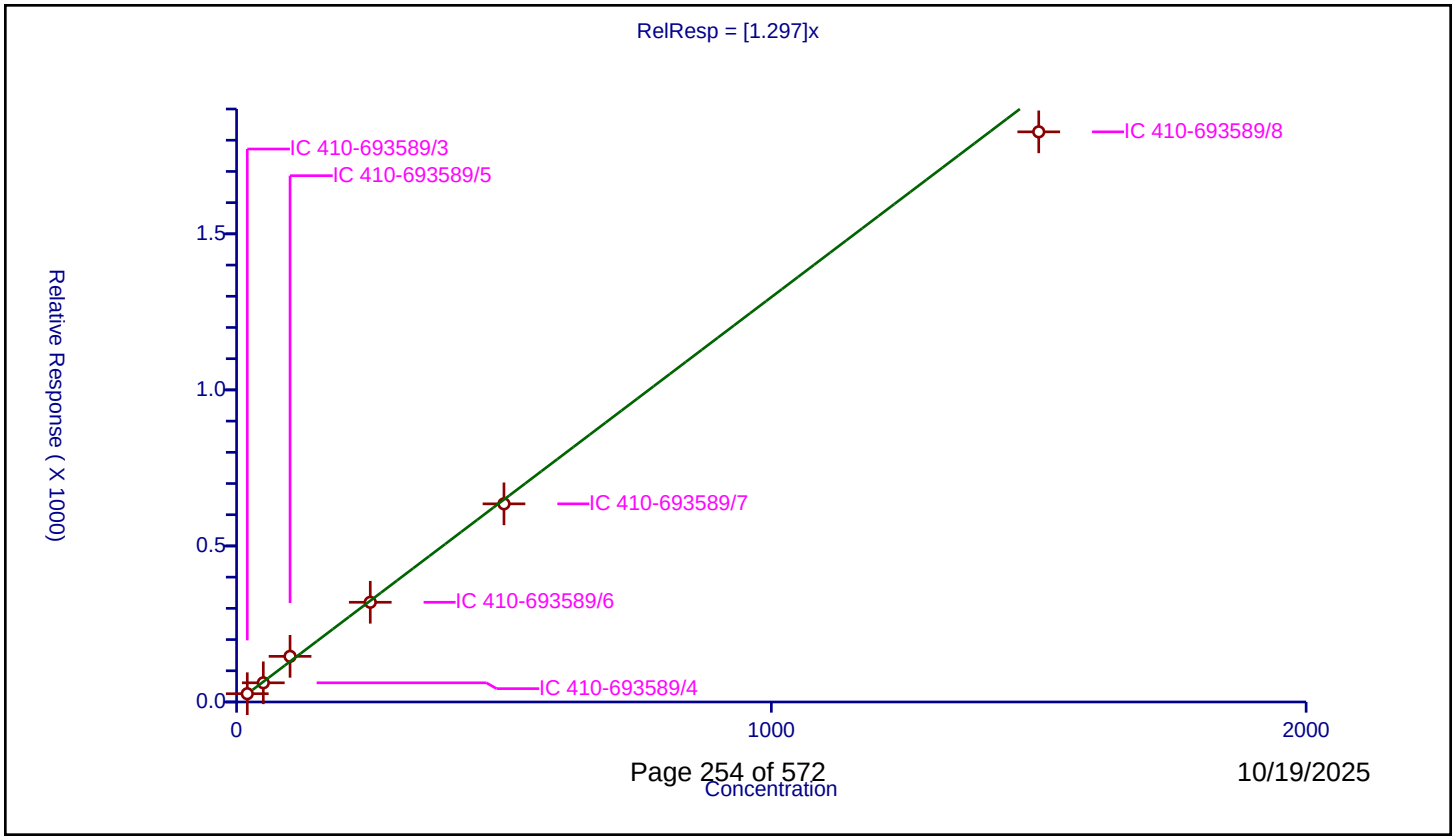
Curve Coefficients

Intercept:	0
Slope:	1.297

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/3	20.0	26.517413	250.0	227756.0	1.325871	Y
2	IC 410-693589/4	50.0	61.471208	250.0	191183.0	1.229424	Y
3	IC 410-693589/5	100.0	146.202666	250.0	187895.0	1.462027	Y
4	IC 410-693589/6	250.0	319.497614	250.0	199309.0	1.27799	Y
5	IC 410-693589/7	500.0	634.909748	250.0	195010.0	1.269819	Y
6	IC 410-693589/8	1500.0	1826.829764	250.0	201556.0	1.217887	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

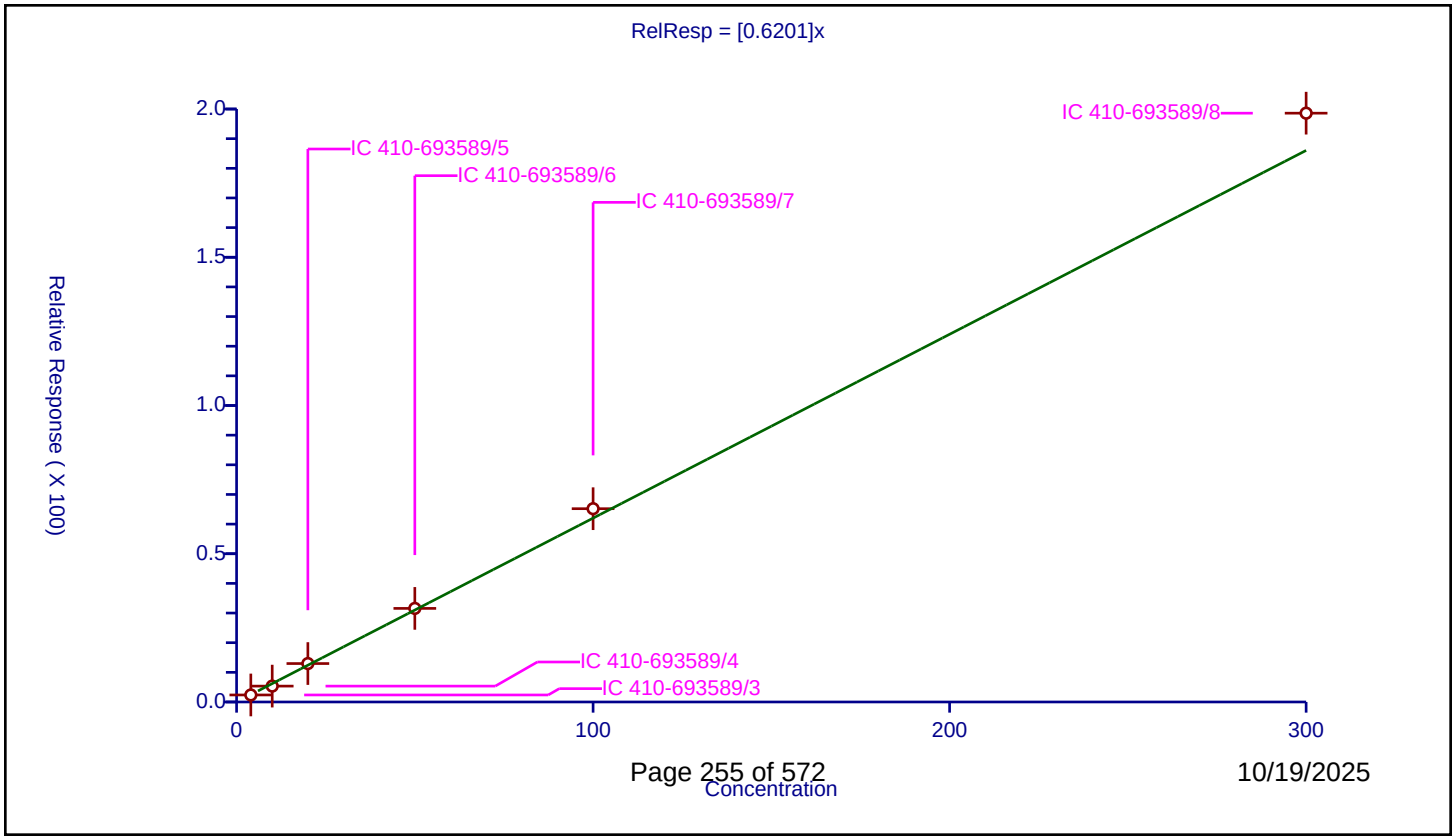
Curve Coefficients

Intercept:	0
Slope:	0.6201

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/3	4.0	2.366372	50.0	1129408.0	0.591593	Y
2	IC 410-693589/4	10.0	5.355953	50.0	962275.0	0.535595	Y
3	IC 410-693589/5	20.0	12.964512	50.0	985336.0	0.648226	Y
4	IC 410-693589/6	50.0	31.565243	50.0	1021771.0	0.631305	Y
5	IC 410-693589/7	100.0	65.194302	50.0	1023795.0	0.651943	Y
6	IC 410-693589/8	300.0	198.598073	50.0	1050055.0	0.661994	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

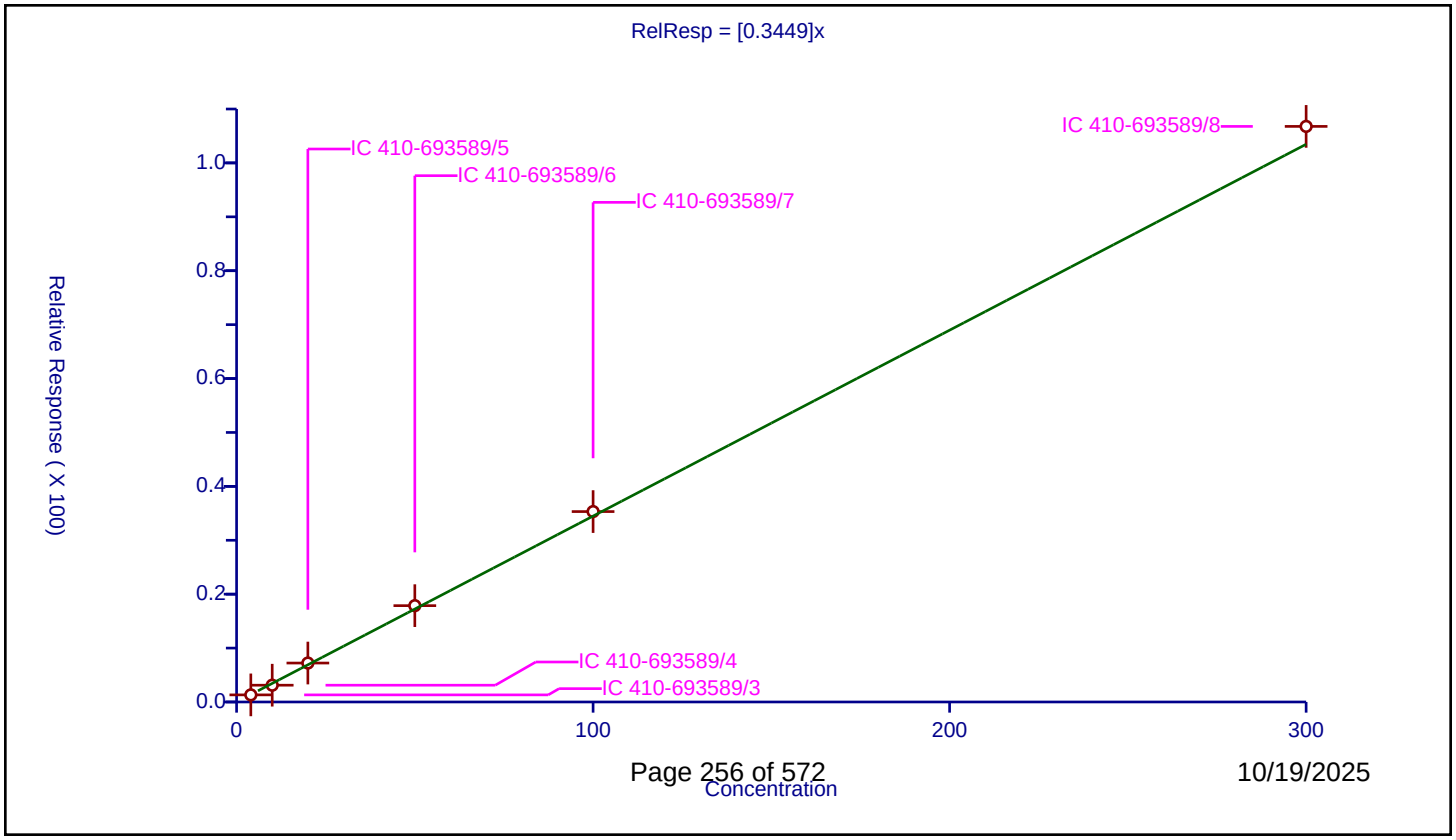
Curve Coefficients

Intercept:	0
Slope:	0.3449

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/3	4.0	1.320648	50.0	1129408.0	0.330162	Y
2	IC 410-693589/4	10.0	3.112312	50.0	962275.0	0.311231	Y
3	IC 410-693589/5	20.0	7.225403	50.0	985336.0	0.36127	Y
4	IC 410-693589/6	50.0	17.868534	50.0	1021771.0	0.357371	Y
5	IC 410-693589/7	100.0	35.321769	50.0	1023795.0	0.353218	Y
6	IC 410-693589/8	300.0	106.775502	50.0	1050055.0	0.355918	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

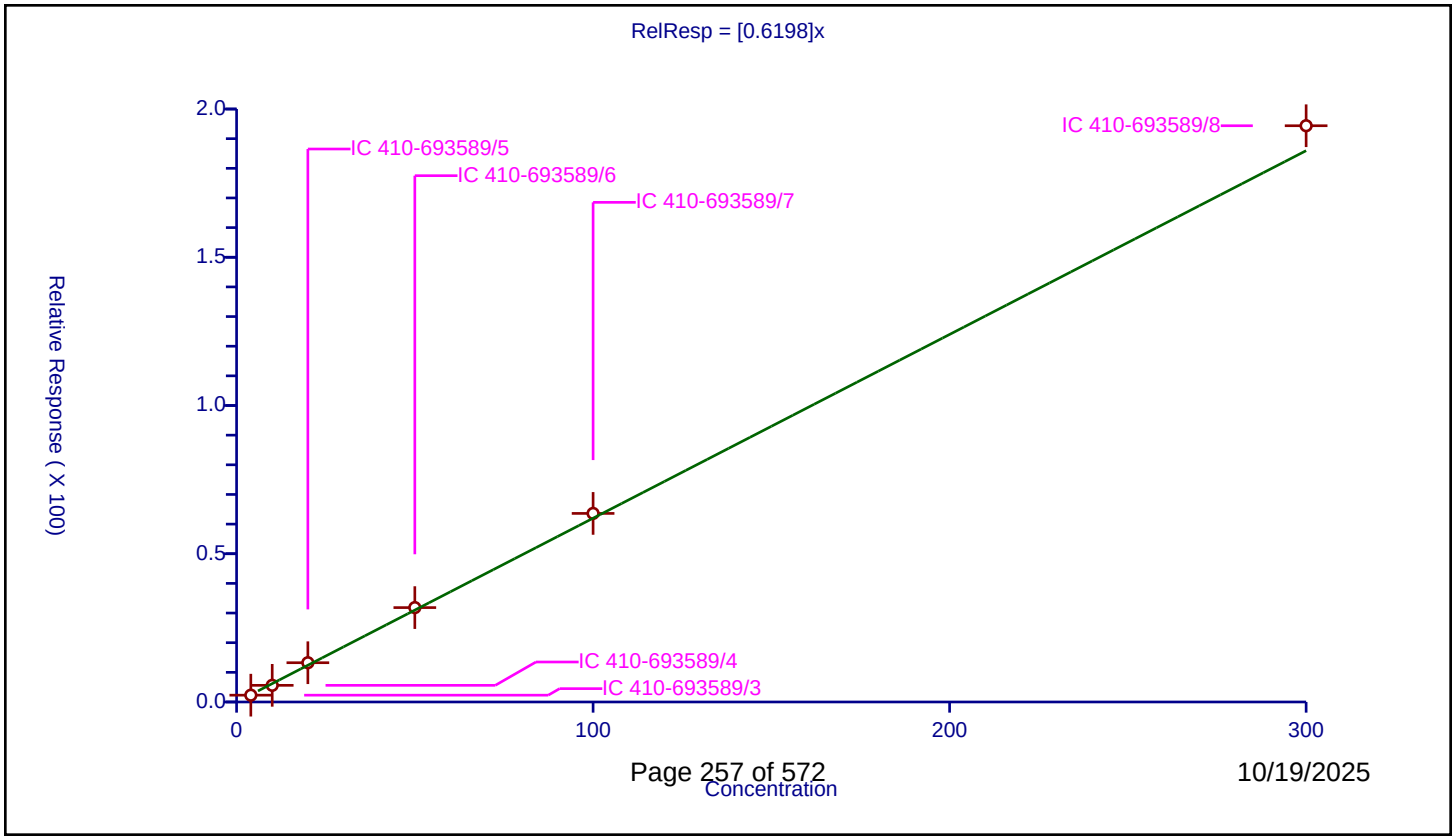
Curve Coefficients

Intercept:	0
Slope:	0.6198

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/3	4.0	2.297044	50.0	1129408.0	0.574261	Y
2	IC 410-693589/4	10.0	5.620015	50.0	962275.0	0.562002	Y
3	IC 410-693589/5	20.0	13.242488	50.0	985336.0	0.662124	Y
4	IC 410-693589/6	50.0	31.837613	50.0	1021771.0	0.636752	Y
5	IC 410-693589/7	100.0	63.601502	50.0	1023795.0	0.636015	Y
6	IC 410-693589/8	300.0	194.357391	50.0	1050055.0	0.647858	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

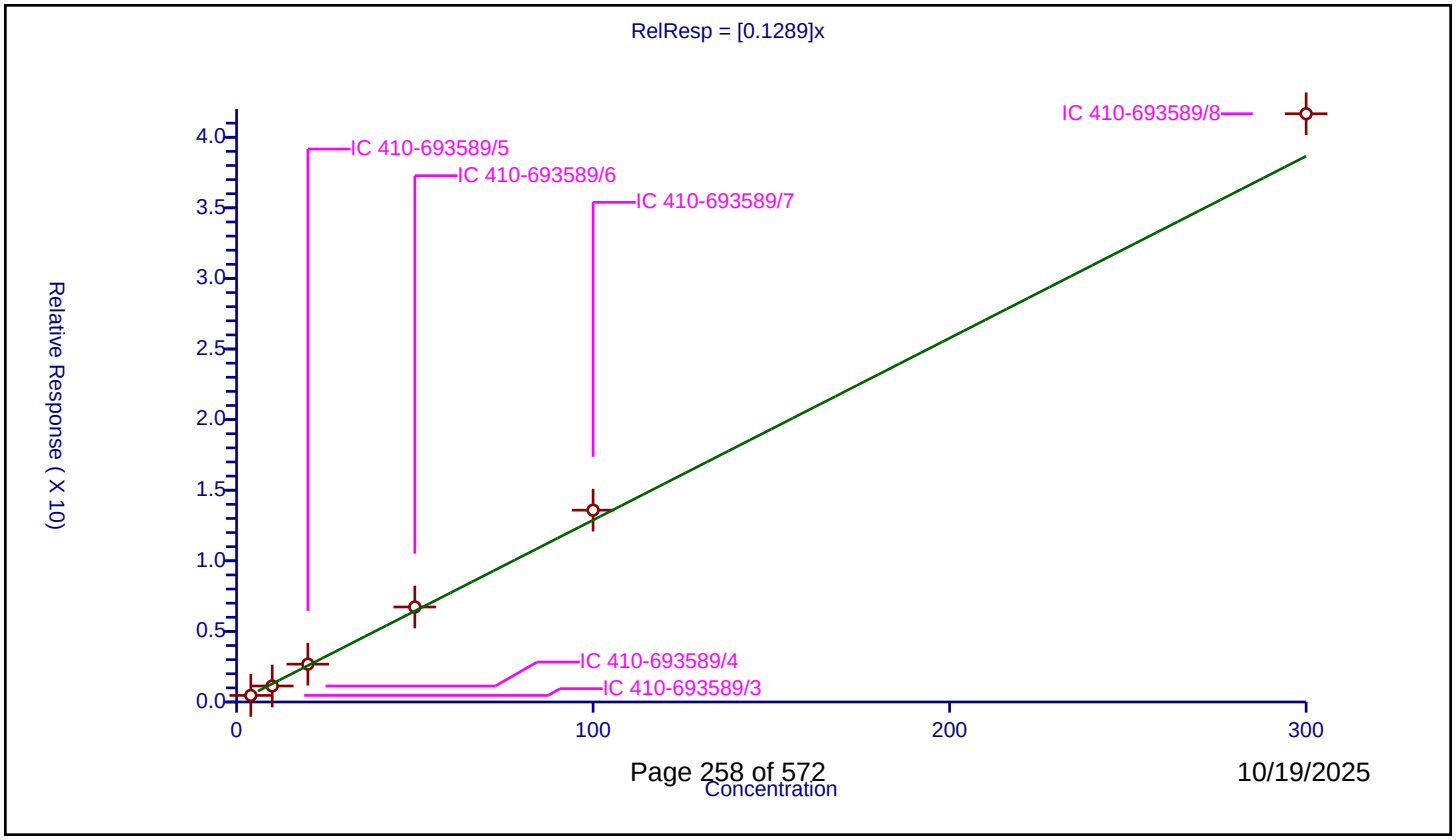
Curve Coefficients

Intercept:	0
Slope:	0.1289

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/3	4.0	0.466262	50.0	1129408.0	0.116565	Y
2	IC 410-693589/4	10.0	1.132992	50.0	962275.0	0.113299	Y
3	IC 410-693589/5	20.0	2.679543	50.0	985336.0	0.133977	Y
4	IC 410-693589/6	50.0	6.729248	50.0	1021771.0	0.134585	Y
5	IC 410-693589/7	100.0	13.586216	50.0	1023795.0	0.135862	Y
6	IC 410-693589/8	300.0	41.666389	50.0	1050055.0	0.138888	Y



Calibration / 3,4-Dichloro-1-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

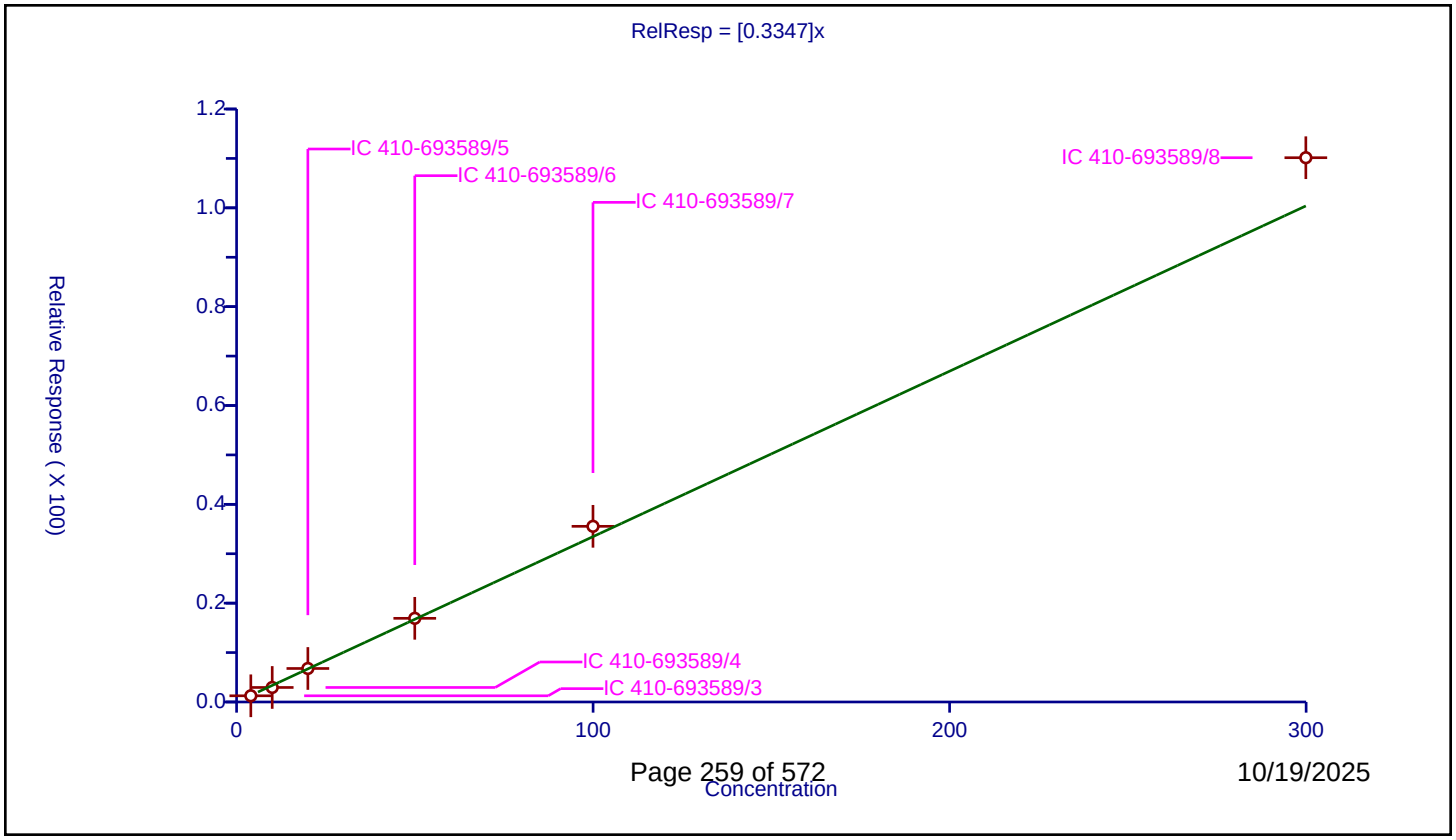
Curve Coefficients

Intercept:	0
Slope:	0.3347

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/3	3.99894	1.255412	50.0	828692.0	0.313936	Y
2	IC 410-693589/4	9.99735	2.936912	50.0	713113.0	0.293769	Y
3	IC 410-693589/5	19.9947	6.778564	50.0	724143.0	0.339018	Y
4	IC 410-693589/6	49.98675	16.929523	50.0	759540.0	0.33868	Y
5	IC 410-693589/7	99.9735	35.549532	50.0	756626.0	0.35559	Y
6	IC 410-693589/8	299.9205	110.144072	50.0	770519.0	0.367244	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

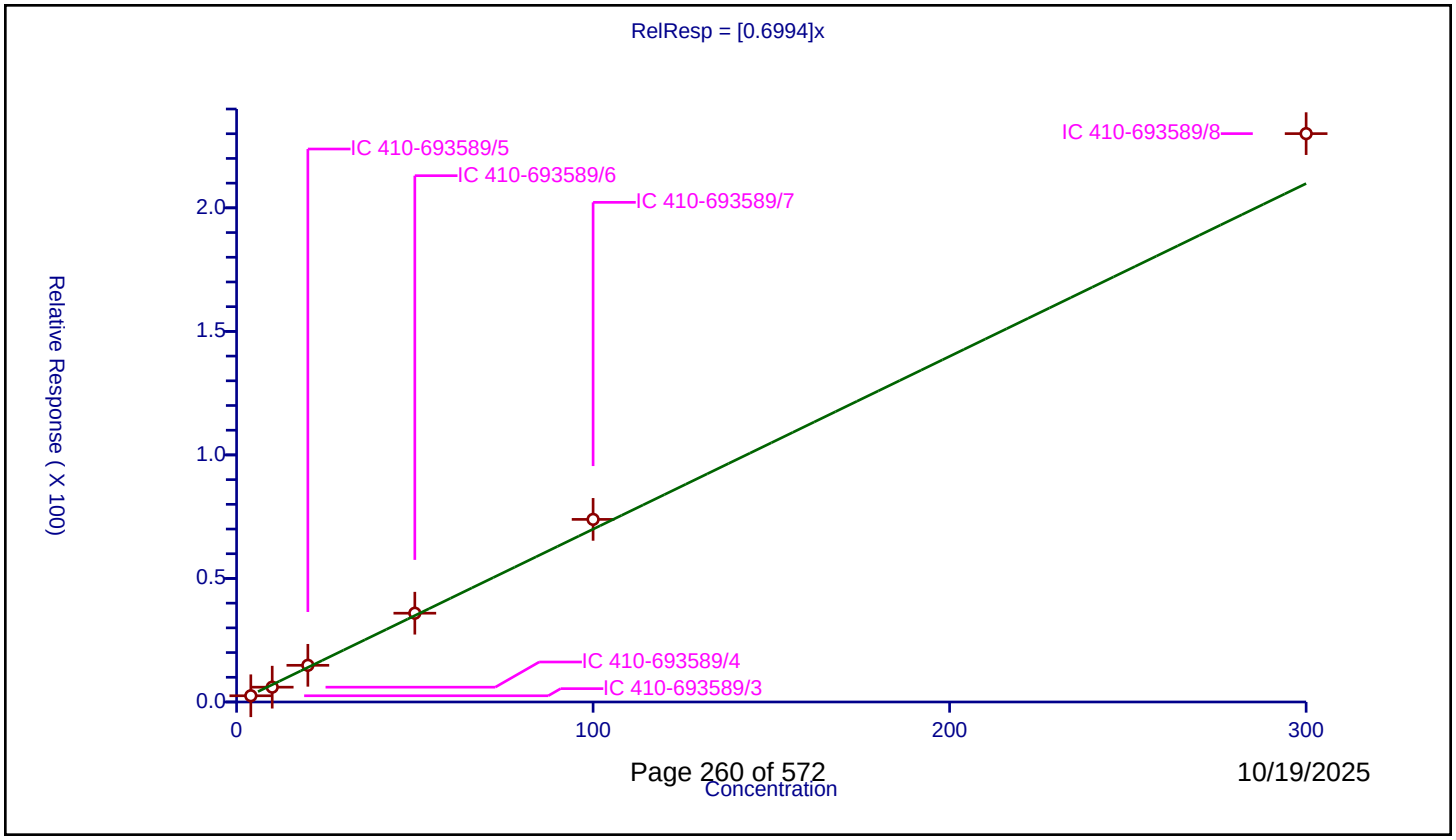
Curve Coefficients

Intercept:	0
Slope:	0.6994

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/3	4.0	2.520176	50.0	828692.0	0.630044	Y
2	IC 410-693589/4	10.0	5.996245	50.0	713113.0	0.599624	Y
3	IC 410-693589/5	20.0	14.850313	50.0	724143.0	0.742516	Y
4	IC 410-693589/6	50.0	35.932604	50.0	759540.0	0.718652	Y
5	IC 410-693589/7	100.0	73.903091	50.0	756626.0	0.739031	Y
6	IC 410-693589/8	300.0	230.037287	50.0	770519.0	0.766791	Y



Calibration / cis-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

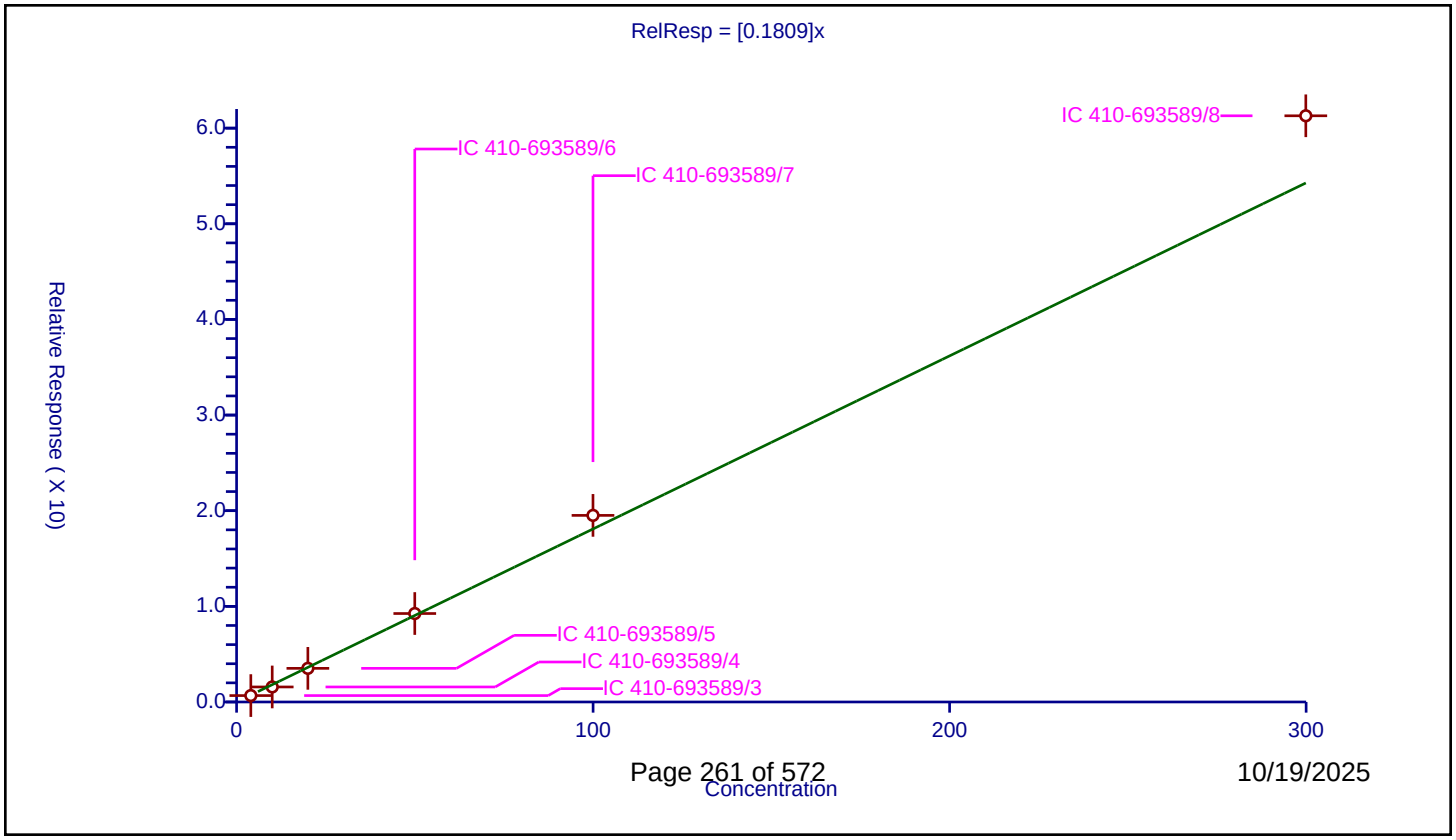
Curve Coefficients

Intercept:	0
Slope:	0.1809

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/3	3.998831	0.671178	50.0	828692.0	0.167844	Y
2	IC 410-693589/4	9.997078	1.572191	50.0	713113.0	0.157265	Y
3	IC 410-693589/5	19.994156	3.518642	50.0	724143.0	0.175984	Y
4	IC 410-693589/6	49.98539	9.249019	50.0	759540.0	0.185034	Y
5	IC 410-693589/7	99.97078	19.509176	50.0	756626.0	0.195149	Y
6	IC 410-693589/8	299.91234	61.292583	50.0	770519.0	0.204368	Y



Calibration / 2,3,4-Trichlorobutene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

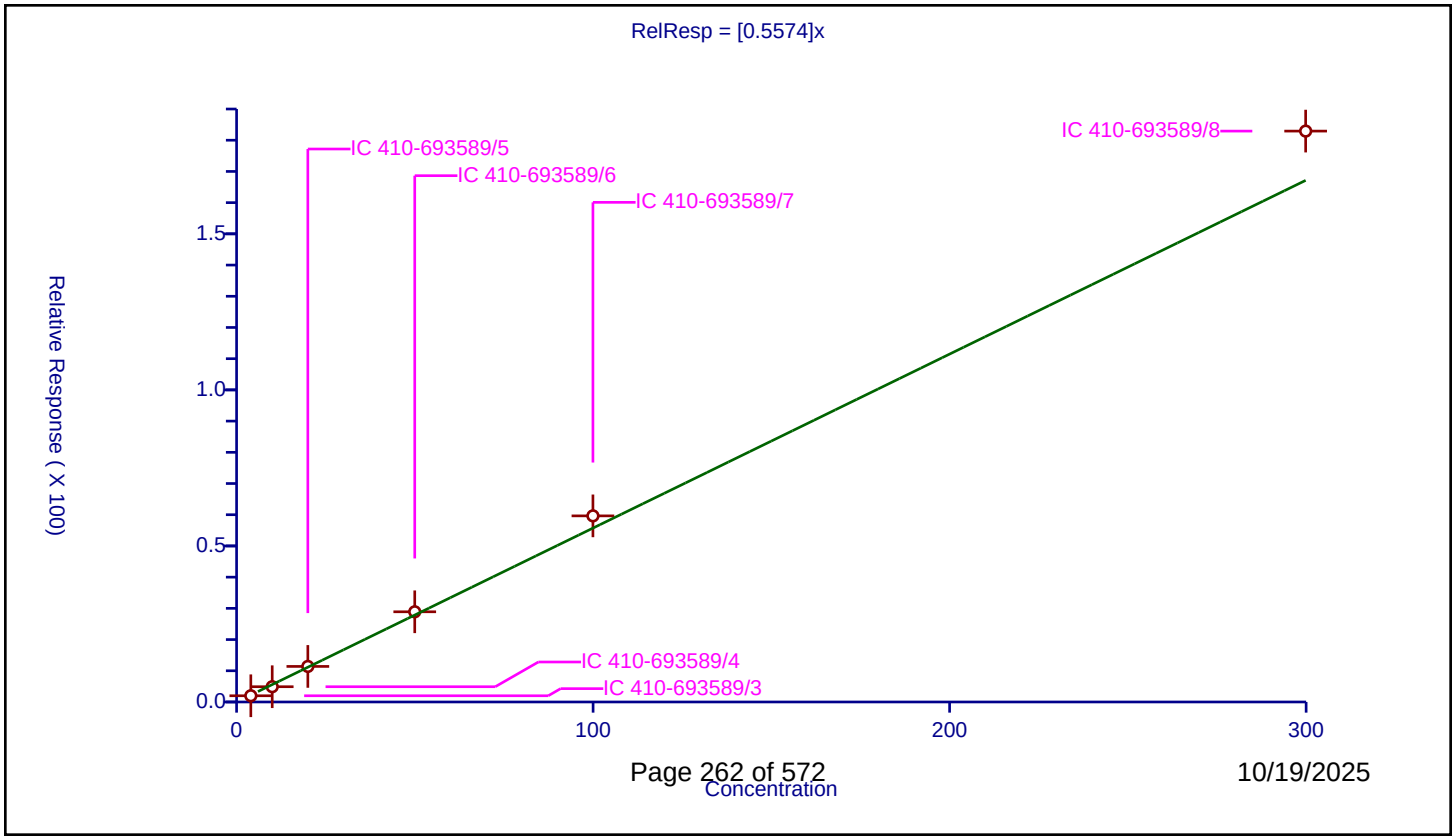
Curve Coefficients

Intercept:	0
Slope:	0.5574

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/3	3.998303	1.998587	50.0	450168.0	0.499859	Y
2	IC 410-693589/4	9.995756	4.89225	50.0	384455.0	0.489433	Y
3	IC 410-693589/5	19.991513	11.395049	50.0	389248.0	0.569994	Y
4	IC 410-693589/6	49.978782	28.90251	50.0	403548.0	0.578296	Y
5	IC 410-693589/7	99.957564	59.633272	50.0	399833.0	0.596586	Y
6	IC 410-693589/8	299.872692	182.927766	50.0	411194.0	0.610018	Y



Calibration / Pentachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

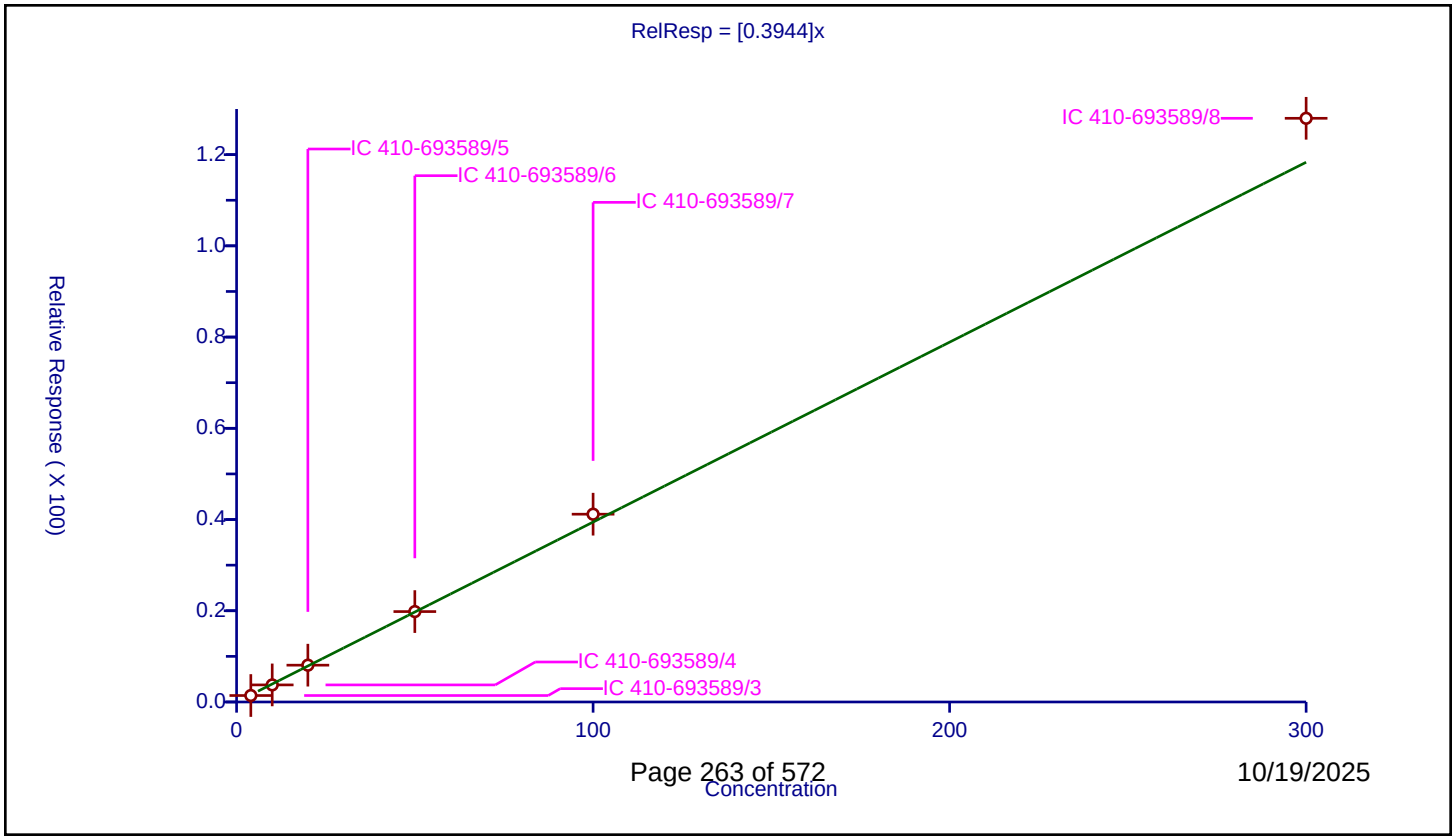
Curve Coefficients

Intercept:	0
Slope:	0.3944

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/3	4.0	1.416582	50.0	450168.0	0.354146	Y
2	IC 410-693589/4	10.0	3.743481	50.0	384455.0	0.374348	Y
3	IC 410-693589/5	20.0	8.069277	50.0	389248.0	0.403464	Y
4	IC 410-693589/6	50.0	19.820567	50.0	403548.0	0.396411	Y
5	IC 410-693589/7	100.0	41.171689	50.0	399833.0	0.411717	Y
6	IC 410-693589/8	300.0	127.965267	50.0	411194.0	0.426551	Y



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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 Calibration End Date: 09/03/2025 04:40 Calibration ID: 76275

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-693589/12	ES02X11.D
Level 2	IC 410-693589/13	ES02X12.D
Level 3	IC 410-693589/14	ES02X13.D
Level 4	IC 410-693589/15	ES02X14.D
Level 5	ICIS 410-693589/16	ES02X15.D
Level 6	IC 410-693589/17	ES02X16.D
Level 7	IC 410-693589/18	ES02X17.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3681 0.4350	0.4910 0.4063	0.4175	0.3969	0.4594	Ave		0.4249			0.1000	9.6		20.0			
Chloromethane	0.4371 0.4279	0.4986 0.4064	0.4624	0.4022	0.4679	Ave		0.4432			0.1000	7.9		20.0			
1,3-Butadiene	0.4581 0.3911	0.4701 0.3788	0.3931	0.3629	0.4027	Ave		0.4081				9.9		20.0			
Vinyl chloride	0.3527 0.4028	0.4330 0.3847	0.3972	0.3750	0.4133	Ave		0.3941			0.1000	6.7		20.0			
Bromomethane	0.2161 0.2371	0.2662 0.2266	0.2422	0.2266	0.2512	Ave		0.2380			0.1000	7.1		20.0			
Chloroethane	0.2140 0.2202	0.2540 0.2126	0.2294	0.2080	0.2308	Ave		0.2241			0.1000	7.0		20.0			
Dichlorofluoromethane	0.5354 0.5309	0.5874 0.5070	0.5323	0.5034	0.5646	Ave		0.5373			0.1000	5.6		20.0			
n-Pentane	0.5300 0.4949	0.5181 0.4900	0.4170	0.4806	0.4705	Ave		0.4859				7.6		20.0			
Trichlorofluoromethane	0.4487 0.4911	0.5376 0.4667	0.4707	0.4482	0.5125	Ave		0.4822			0.1000	6.9		20.0			
Ethyl ether	0.2259 0.2257	0.2429 0.2165	0.2283	0.2402	0.2377	Ave		0.2310				4.1		20.0			
Freon 123a	0.2972 0.3156	0.3711 0.3058	0.3125	0.2905	0.3322	Ave		0.3178				8.5		20.0			
Acrolein	2.1106 2.2493	2.5358 2.1027	2.1183	2.1533	2.2472	Ave		2.2167				6.9		20.0			
1,1-Dichloroethene	0.1686 0.2046	0.2173 0.2019	0.1900	0.2097	0.2017	Ave		0.1991			0.1000	8.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 Calibration End Date: 09/03/2025 04:40 Calibration ID: 76275

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetone	1.0758 0.9517	1.0169 0.8824	0.9351	0.9052	0.9495	Ave		0.9595			0.1000	6.9		20.0			
Freon 113	0.1940 0.2328	0.2331 0.2292	0.1983	0.2332	0.2267	Ave		0.2210			0.1000	7.8		20.0			
2-Propanol	0.7662 0.5832	0.7445 0.5303	0.6720	0.6422	0.5695	Ave		0.6440				13.9		20.0			
Methyl iodide	0.3172 0.3586	0.3831 0.3392	0.3560	0.3710	0.3626	Ave		0.3554				6.1		20.0			
Carbon disulfide	0.5489 0.5699	0.6724 0.5893	0.5526	0.6206	0.5564	Ave		0.5872			0.1000	7.7		20.0			
Allyl chloride	0.4069 0.4211	0.4505 0.4080	0.4143	0.4271	0.4165	Ave		0.4206				3.5		20.0			
Methyl acetate	0.3974 0.2726	0.3378 0.2620	0.2695	0.2844	0.2787	Ave		0.3003			0.1000	16.5		20.0			
Methylene Chloride	0.2156 0.2324	0.2480 0.2179	0.2350	0.2419	0.2372	Ave		0.2326			0.1000	5.1		20.0			
t-Butyl alcohol	1.0363 0.9920	1.1778 0.9312	1.0111	1.0581	1.0468	Ave		1.0362				7.3		20.0			
Acrylonitrile	0.1379 0.1389	0.1490 0.1319	0.1401	0.1444	0.1431	Ave		0.1408				3.9		20.0			
trans-1,2-Dichloroethene	0.1878 0.2287	0.2376 0.2215	0.2144	0.2331	0.2276	Ave		0.2215			0.1000	7.5		20.0			
Methyl tert-butyl ether	0.7801 0.8239	0.8883 0.7897	0.8012	0.8400	0.8411	Ave		0.8235			0.1000	4.5		20.0			
n-Hexane	0.2970 0.4154	0.3878 0.4152	0.3052	0.3805	0.3680	Ave		0.3670				13.2		20.0			
1,1-Dichloroethane	0.4200 0.4588	0.4813 0.4306	0.4471	0.4703	0.4607	Ave		0.4527			0.2000	4.8		20.0			
Isopropyl ether	0.7935 0.8442	0.8926 0.8139	0.8168	0.8507	0.8583	Ave		0.8386				4.0		20.0			
2-Chloro-1,3-butadiene	0.3602 0.4480	0.4563 0.4377	0.4051	0.4486	0.4454	Ave		0.4288				8.0		20.0			
Ethyl t-butyl ether	0.7519 0.8152	0.8304 0.7779	0.7890	0.8217	0.8245	Ave		0.8015				3.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 Calibration End Date: 09/03/2025 04:40 Calibration ID: 76275

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	0.2142 0.2505	0.2594 0.2381	0.2461	0.2566	0.2499	Ave		0.2450			0.1000	6.2		20.0			
2-Butanone (MEK)	0.2435 0.1918	0.2071 0.1846	0.1687	0.1762	0.1934	Ave		0.1950			0.1000	12.7		20.0			
2,2-Dichloropropane	0.3469 0.3972	0.4003 0.3890	0.3587	0.3973	0.3890	Ave		0.3826				5.5		20.0			
Propionitrile	1.3946 1.5332	1.7154 1.4257	1.5201	1.5591	1.5281	Ave		1.5252				6.8		20.0			
Methyl acrylate	0.3062 0.3891	0.4070 0.3331	0.3502	0.3452	0.3777	Ave		0.3584				9.7		20.0			
Methacrylonitrile	0.1343 0.1497	0.1554 0.1446	0.1456	0.1506	0.1544	Ave		0.1478				4.9		20.0			
Bromochloromethane	0.1028 0.1227	0.1262 0.1168	0.1163	0.1273	0.1252	Ave		0.1196				7.2		20.0			
Tetrahydrofuran	1.3621 1.2655	1.3621 1.1993	1.2591	1.2952	1.2825	Ave		1.2894				4.5		20.0			
Chloroform	0.3715 0.4237	0.4594 0.4001	0.4206	0.4356	0.4286	Ave		0.4199			0.2000	6.6		20.0			
1,1,1-Trichloroethane	0.3259 0.3803	0.3930 0.3675	0.3613	0.3912	0.3761	Ave		0.3708			0.1000	6.2		20.0			
Cyclohexane	0.3622 0.4873	0.4705 0.4853	0.3946	0.4704	0.4555	Ave		0.4465			0.1000	10.9		20.0			
1,1-Dichloropropene	0.2927 0.3662	0.3755 0.3594	0.3307	0.3705	0.3548	Ave		0.3500				8.3		20.0			
Carbon tetrachloride	0.2786 0.3341	0.3405 0.3261	0.3047	0.3386	0.3268	Ave		0.3213			0.1000	6.9		20.0			
Isobutyl alcohol	0.4423 0.3520	0.4192 0.3442	0.3576	0.3386	0.3484	Ave		0.3718				11.1		20.0			
Benzene	0.8981 1.0201	1.0496 0.9899	0.9697	1.0338	1.0217	Ave		0.9976			0.5000	5.1		20.0			
1,2-Dichloroethane	0.4011 0.3925	0.4319 0.3711	0.3933	0.4056	0.3990	Ave		0.3992			0.1000	4.6		20.0			
t-Amyl methyl ether	0.6572 0.7757	0.8004 0.7463	0.7337	0.7792	0.7790	Ave		0.7531				6.3		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.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 Calibration End Date: 09/03/2025 04:40 Calibration ID: 76275

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Heptane	0.3374 0.4079	0.3620 0.4123	0.2910	0.3626	0.3348	Ave		0.3583				11.9		20.0			
n-Butanol	0.2063 0.2541	0.2420 0.2564	0.2250	0.2338	0.2460	Ave		0.2377				7.4		20.0			
Trichloroethene	0.2224 0.2537	0.2590 0.2468	0.2430	0.2570	0.2539	Ave		0.2480			0.2000	5.1		20.0			
Ethyl acrylate	0.3401 0.4690	0.4051 0.4584	0.4139	0.4307	0.4456	Ave		0.4233				10.2		20.0			
Methylcyclohexane	0.3598 0.4980	0.4554 0.5047	0.3674	0.4622	0.4378	Ave		0.4408			0.1000	13.1		20.0			
1,2-Dichloropropane	0.2462 0.2777	0.2841 0.2716	0.2633	0.2770	0.2780	Ave		0.2711			0.1000	4.7		20.0			
t-Amyl ethyl ether	0.3156 0.3989	0.3854 0.3928	0.3628	0.3843	0.3986	Ave		0.3769				7.9		20.0			
Dibromomethane	0.1622 0.1653	0.1683 0.1582	0.1614	0.1700	0.1669	Ave		0.1646				2.5		20.0			
1,4-Dioxane	+++++ 0.0796	0.0783 0.0781	0.0829	0.0787	0.0824	Ave		0.0800			0.0050	2.6		20.0			
Methyl methacrylate	0.1959 0.2462	0.2357 0.2418	0.2222	0.2428	0.2458	Ave		0.2329				7.9		20.0			
Bromodichloromethane	0.2830 0.3373	0.3698 0.3240	0.3319	0.3473	0.3414	Ave		0.3335			0.2000	8.0		20.0			
2-Nitropropane	3.4710 3.4263	3.6445 3.2094	3.2971	3.4935	3.4454	Ave		3.4267				4.1		20.0			
2-Chloroethyl vinyl ether	0.1883 0.2165	0.2085 0.2121	0.2011	0.2131	0.2220	Ave		0.2088				5.3		20.0			
cis-1,3-Dichloropropene	0.3353 0.4406	0.4421 0.4313	0.3997	0.4374	0.4430	Ave		0.4185			0.2000	9.5		20.0			
4-Methyl-2-pentanone (MIBK)	0.3574 0.4136	0.4106 0.3936	0.3699	0.3781	0.4148	Ave		0.3911			0.1000	5.9		20.0			
Toluene	0.7718 0.8916	0.9180 0.8597	0.8176	0.8981	0.8772	Ave		0.8620			0.4000	5.9		20.0			
trans-1,3-Dichloropropene	0.4561 0.5793	0.5605 0.5706	0.5090	0.5513	0.5675	Ave		0.5420			0.1000	8.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 Calibration End Date: 09/03/2025 04:40 Calibration ID: 76275

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	0.4833 0.5821	0.5307 0.5778	0.5073	0.5483	0.5687	Ave		0.5426				6.9		20.0			
1,1,2-Trichloroethane	0.2996 0.3238	0.3357 0.3082	0.3222	0.3287	0.3268	Ave		0.3207			0.1000	3.9		20.0			
Tetrachloroethene	0.2762 0.3582	0.3737 0.3513	0.3252	0.3598	0.3391	Ave		0.3405			0.2000	9.5		20.0			
1,3-Dichloropropane	0.5512 0.5939	0.5960 0.5737	0.5592	0.5937	0.5949	Ave		0.5804				3.3		20.0			
2-Hexanone	0.3487 0.4150	0.4174 0.4010	0.3562	0.3790	0.4224	Ave		0.3914			0.1000	7.7		20.0			
Dibromochloromethane	0.3175 0.3709	0.3616 0.3556	0.3468	0.3664	0.3726	Ave		0.3559				5.4		20.0			
1,2-Dibromoethane (EDB)	0.3045 0.3442	0.3533 0.3303	0.3245	0.3416	0.3467	Ave		0.3350			0.1000	5.0		20.0			
Chlorobenzene	0.8447 0.9637	0.9871 0.9296	0.8921	0.9688	0.9504	Ave		0.9338			0.5000	5.3		20.0			
1-Chlorohexane	0.3358 0.4906	0.4360 0.4962	0.3826	0.4576	0.4369	Ave		0.4337				13.3		20.0			
1,1,1,2-Tetrachloroethane	0.2738 0.3238	0.3199 0.3169	0.2927	0.3264	0.3193	Ave		0.3104				6.3		20.0			
Ethylbenzene	1.3784 1.7201	1.7443 1.6735	1.5365	1.6992	1.6733	Ave		1.6322			0.1000	8.0		20.0			
m&p-Xylene	0.5080 0.6658	0.6555 0.6600	0.5967	0.6659	0.6440	Ave		0.6280			0.1000	9.3		20.0			
o-Xylene	0.4894 0.6522	0.6346 0.6418	0.5824	0.6422	0.6341	Ave		0.6109			0.3000	9.5		20.0			
n-Butyl acrylate	0.6187 0.9343	0.7763 0.9472	0.7617	0.8244	0.8659	Ave		0.8184				13.9		20.0			
Styrene	0.7891 1.1200	1.0595 1.1062	0.9928	1.1040	1.0989	Ave		1.0386			0.3000	11.4		20.0			
Bromoform	0.2482 0.2684	0.2606 0.2637	0.2509	0.2607	0.2695	Ave		0.2603			0.1000	3.1		20.0			
Isopropylbenzene	1.2452 1.6993	1.6145 1.6552	1.4311	1.6282	1.5747	Ave		1.5497			0.1000	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.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 Calibration End Date: 09/03/2025 04:40 Calibration ID: 76275

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclohexanone	0.3433 0.3943	0.3828 0.3847	0.3765	0.3928	0.3998	Ave		0.3820				4.9		20.0			
Bromobenzene	0.6130 0.7145	0.7301 0.6754	0.6910	0.7150	0.7125	Ave		0.6931				5.7		20.0			
1,1,2,2-Tetrachloroethane	0.8902 0.9599	1.0571 0.9067	0.9314	0.9599	0.9740	Ave		0.9542			0.3000	5.7		20.0			
1,2,3-Trichloropropane	0.2685 0.2833	0.3211 0.2607	0.2777	0.2832	0.2901	Ave		0.2835				6.8		20.0			
trans-1,4-Dichloro-2-butene	0.3074 0.3653	0.3604 0.3541	0.3294	0.3542	0.3699	Ave		0.3487				6.4		20.0			
N-Propylbenzene	2.8716 3.7146	3.5433 3.4218	3.1470	3.5148	3.4151	Ave		3.3755				8.3		20.0			
2-Chlorotoluene	0.5476 0.6960	0.7014 0.6645	0.6387	0.6881	0.6706	Ave		0.6581				8.1		20.0			
4-Chlorotoluene	0.5705 0.7330	0.7452 0.7109	0.6599	0.7089	0.7062	Ave		0.6907				8.6		20.0			
1,3,5-Trimethylbenzene	1.8388 2.5663	2.4557 2.5046	2.2181	2.4473	2.4050	Ave		2.3480				10.6		20.0			
tert-Butylbenzene	0.3993 0.5305	0.5000 0.5217	0.4405	0.4972	0.4847	Ave		0.4820				9.7		20.0			
1,2,4-Trimethylbenzene	1.9642 2.6556	2.5321 2.5235	2.2884	2.5702	2.5044	Ave		2.4341				9.7		20.0			
sec-Butylbenzene	2.3350 3.2628	2.9793 3.0763	2.5980	2.9872	2.8654	Ave		2.8720				10.9		20.0			
1,3-Dichlorobenzene	1.0823 1.3490	1.3966 1.3004	1.2252	1.3187	1.3064	Ave		1.2827			0.6000	8.0		20.0			
p-Isopropyltoluene	2.0464 2.8483	2.6305 2.7485	2.3067	2.6501	2.5073	Ave		2.5340				10.9		20.0			
1,4-Dichlorobenzene	1.2903 1.3800	1.4638 1.3380	1.2850	1.3505	1.3197	Ave		1.3467			0.5000	4.6		20.0			
1,2,3-Trimethylbenzene	2.0847 2.6397	2.6871 2.5239	2.3917	2.6196	2.5183	Ave		2.4950				8.2		20.0			
Benzyl chloride	1.3324 1.9465	1.5632 1.9661	1.5697	1.7075	1.8566	Ave		1.7060				13.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 Calibration End Date: 09/03/2025 04:40 Calibration ID: 76275

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Diethylbenzene	1.0434 1.5653	1.4376 1.5249	1.2371	1.4476	1.3970	Ave		1.3790				13.1		20.0			
1,4-Diethylbenzene	1.2528 1.7182	1.5485 1.7017	1.3619	1.5738	1.5221	Ave		1.5256				11.1		20.0			
1,2-Dichlorobenzene	1.1547 1.3399	1.4157 1.3076	1.2349	1.3206	1.3202	Ave		1.2991			0.4000	6.4		20.0			
n-Butylbenzene	0.9409 1.3936	1.2368 1.3891	1.0768	1.2697	1.2072	Ave		1.2163				13.4		20.0			
1,2-Diethylbenzene	1.0219 1.3617	1.3163 1.3213	1.1510	1.3026	1.2221	Ave		1.2424				9.7		20.0			
1,2-Dibromo-3-Chloropropane	0.1990 0.2375	0.2416 0.2317	0.2213	0.2298	0.2399	Ave		0.2287			0.0500	6.5		20.0			
1,3,5-Trichlorobenzene	0.7213 0.9956	0.9811 0.9551	0.8300	0.9468	0.8968	Ave		0.9038				10.8		20.0			
1,2,4-Trichlorobenzene	0.6895 0.9417	0.9154 0.9004	0.7918	0.8830	0.8650	Ave		0.8553			0.2000	10.2		20.0			
Hexachlorobutadiene	0.3221 0.4031	0.3845 0.3772	0.3269	0.3744	0.3452	Ave		0.3619				8.5		20.0			
2-Ethylhexyl acrylate	+++++ 1.0729	0.6615 1.0608	0.7003	0.7960	0.9106	Ave		0.8670				20.4	*	20.0			
Naphthalene	2.2146 3.1742	3.0527 2.9465	2.8149	3.0215	3.0920	Ave		2.9023				11.2		20.0			
1,2,3-Trichlorobenzene	0.7514 0.9132	0.9318 0.8414	0.7836	0.8620	0.8519	Ave		0.8479				7.6		20.0			
2-Methylnaphthalene	0.7919 1.5802	1.2540 1.3882	1.1967	1.3762	1.4375	Ave		1.2893				19.5		20.0			
Dibromofluoromethane (Surr)	0.2392 0.2323	0.2384 0.2302	0.2392	0.2401	0.2378	Ave		0.2368				1.6		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3500 0.3371	0.3510 0.3301	0.3528	0.3472	0.3429	Ave		0.3444				2.4		20.0			
Toluene-d8 (Surr)	1.4121 1.4008	1.4024 1.4112	1.4067	1.4172	1.4066	Ave		1.4082				0.4		20.0			
4-Bromofluorobenzene (Surr)	0.5137 0.5235	0.5147 0.5234	0.5172	0.5288	0.5242	Ave		0.5208				1.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC | Job No.: 410-246092-1 | Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 | GC Column: DB-624 20m | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 | Calibration End Date: 09/03/2025 04:40 | Calibration ID: 76275

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-693589/12	ES02X11.D
Level 2	IC 410-693589/13	ES02X12.D
Level 3	IC 410-693589/14	ES02X13.D
Level 4	IC 410-693589/15	ES02X14.D
Level 5	ICIS 410-693589/16	ES02X15.D
Level 6	IC 410-693589/17	ES02X16.D
Level 7	IC 410-693589/18	ES02X17.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	7433 934057	39410 2814032	83546	162250	468279	1.00 100	4.00 300	10.0	20.0	50.0
Chloromethane	FB	Ave	8826 918743	40020 2814987	92543	164412	476967	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Butadiene	FB	Ave	9250 839919	37731 2623705	78666	148355	410567	1.00 100	4.00 300	10.0	20.0	50.0
Vinyl chloride	FB	Ave	7122 864956	34751 2664191	79484	153280	421372	1.00 100	4.00 300	10.0	20.0	50.0
Bromomethane	FB	Ave	4363 509170	21365 1569254	48473	92643	256106	1.00 100	4.00 300	10.0	20.0	50.0
Chloroethane	FB	Ave	4322 472770	20387 1472528	45905	85038	235252	1.00 100	4.00 300	10.0	20.0	50.0
Dichlorofluoromethane	FB	Ave	10812 1140101	47146 3511441	106537	205778	575591	1.00 100	4.00 300	10.0	20.0	50.0
n-Pentane	FB	Ave	10703 1062669	41578 3393872	83447	196449	479590	1.00 100	4.00 300	10.0	20.0	50.0
Trichlorofluoromethane	FB	Ave	9061 1054566	43145 3232616	94194	183213	522423	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl ether	FB	Ave	4563 484736	19503 1499788	45708	98243	242435	1.00 100	4.00 300	10.0	20.0	50.0
Freon 123a	FB	Ave	6002 677654	29782 2118282	62543	118763	338607	1.00 100	4.00 300	10.0	20.0	50.0
Acrolein	TBAd10	Ave	15220 1746828	72791 5377785	154413	313734	844619	9.76 976	39.0 2927	97.6	195	488
1,1-Dichloroethene	FB	Ave	3404 439416	17441 1398292	38022	85735	205575	1.00 100	4.00 300	10.0	20.0	50.0
Acetone	TBAd10	Ave	1590 151473	5983 462516	13970	27031	73142	2.00 200	8.00 600	20.0	40.0	100

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 Calibration End Date: 09/03/2025 04:40 Calibration ID: 76275

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Freon 113	FB	Ave	3917 499877	18708 1587201	39681	95314	231095	1.00 100	4.00 300	10.0	20.0	50.0
2-Propanol	TBAd10	Ave	2831 232056	10950 694912	25100	47940	109669	5.00 500	20.0 1500	50.0	100	250
Methyl iodide	FB	Ave	6406 770120	30745 2349553	71245	151682	369647	1.00 100	4.00 300	10.0	20.0	50.0
Carbon disulfide	FB	Ave	11085 1223868	53966 4081242	110582	253702	567175	1.00 100	4.00 300	10.0	20.0	50.0
Allyl chloride	FB	Ave	8217 904201	36154 2825904	82914	174581	424577	1.00 100	4.00 300	10.0	20.0	50.0
Methyl acetate	FB	Ave	8024 585304	27110 1814414	53941	116244	284149	1.00 100	4.00 300	10.0	20.0	50.0
Methylene Chloride	FB	Ave	4353 499033	19904 1509007	47022	98894	241844	1.00 100	4.00 300	10.0	20.0	50.0
t-Butyl alcohol	TBAd10	Ave	3829 394721	17323 1220306	37764	78991	201603	5.00 500	20.0 1500	50.0	100	250
Acrylonitrile	FB	Ave	6963 745545	29899 2283731	70119	147560	364749	2.50 250	10.0 750	25.0	50.0	125
trans-1,2-Dichloroethene	FB	Ave	3793 491069	19072 1534209	42905	95281	231977	1.00 100	4.00 300	10.0	20.0	50.0
Methyl tert-butyl ether	FB	Ave	15752 1769169	71291 5469659	160337	343385	857411	1.00 100	4.00 300	10.0	20.0	50.0
n-Hexane	FB	Ave	5997 891961	31123 2875670	61079	155539	375184	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloroethane	FB	Ave	8482 985197	38625 2982555	89483	192247	469604	1.00 100	4.00 300	10.0	20.0	50.0
Isopropyl ether	FB	Ave	16024 1812710	71641 5637122	163463	347761	874940	1.00 100	4.00 300	10.0	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	7274 962096	36618 3031491	81068	183395	454095	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl t-butyl ether	FB	Ave	15183 1750553	66644 5387784	157907	335894	840477	1.00 100	4.00 300	10.0	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	4326 537865	20815 1649006	49247	104888	254750	1.00 100	4.00 300	10.0	20.0	50.0
2-Butanone (MEK)	FB	Ave	9834 823604	33249 2557024	67522	144060	394249	2.00 200	8.00 600	20.0	40.0	100
2,2-Dichloropropane	FB	Ave	7006 852983	32125 2694139	71790	162413	396553	1.00 100	4.00 300	10.0	20.0	50.0

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 Calibration End Date: 09/03/2025 04:40 Calibration ID: 76275

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propionitrile	TBAd10	Ave	5153 610095	25231 1868237	56777	116392	294288	5.00 500	20.0 1500	50.0	100	250
Methyl acrylate	FB	Ave	6185 835784	32673 2307616	70105	141137	385160	1.00 100	4.00 300	10.0	20.0	50.0
Methacrylonitrile	FB	Ave	6782 803509	31185 2503674	72864	153872	393556	2.50 250	10.0 750	25.0	50.0	125
Bromochloromethane	FB	Ave	2075 263522	10129 809005	23268	52058	127655	1.00 100	4.00 300	10.0	20.0	50.0
Tetrahydrofuran	TBAd10	Ave	5033 503555	20034 1571596	47028	96691	246994	5.00 500	20.0 1500	50.0	100	250
Chloroform	FB	Ave	7502 909785	36868 2771300	84164	178055	436903	1.00 100	4.00 300	10.0	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	6581 816648	31542 2545602	72307	159901	383401	1.00 100	4.00 300	10.0	20.0	50.0
Cyclohexane	FB	Ave	7313 1046382	37765 3360877	78977	192300	464367	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloropropene	FB	Ave	5910 786339	30133 2489439	66192	151475	361725	1.00 100	4.00 300	10.0	20.0	50.0
Carbon tetrachloride	FB	Ave	5626 717328	27325 2258329	60978	138404	333129	1.00 100	4.00 300	10.0	20.0	50.0
Isobutyl alcohol	TBAd10	Ave	4086 350169	15416 1127537	33395	63191	167735	12.5 1250	50.0 3750	125	250	625
Benzene	FB	Ave	18136 2190478	84241 6856094	194073	422609	1041584	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichloroethane	FB	Ave	8100 842814	34667 2570055	78707	165796	406731	1.00 100	4.00 300	10.0	20.0	50.0
t-Amyl methyl ether	FB	Ave	13271 1665653	64235 5168604	146832	318550	794123	1.00 100	4.00 300	10.0	20.0	50.0
n-Heptane	FB	Ave	6814 875968	29056 2855809	58233	148237	341279	1.00 100	4.00 300	10.0	20.0	50.0
n-Butanol	TBAd10	Ave	1906 252762	8900 840112	21005	43629	118443	12.5 1250	50.0 3750	125	250	625
Trichloroethene	FB	Ave	4491 544802	20785 1709351	48639	105046	258877	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl acrylate	FB	Ave	6871 1007665	32528 3176367	82878	176134	454460	1.00 100	4.00 300	10.0	20.0	50.0
Methylcyclohexane	FB	Ave	7266	36553	73535	188938	446306	1.00	4.00	10.0	20.0	50.0

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 Calibration End Date: 09/03/2025 04:40 Calibration ID: 76275

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1069480	3495839				100	300			
1,2-Dichloropropane	FB	Ave	4972 596262	22800 1881254	52700	113251	283409	1.00 100	4.00 300	10.0	20.0	50.0
t-Amyl ethyl ether	FB	Ave	6372 856552	30929 2720448	72602	157101	406352	1.00 100	4.00 300	10.0	20.0	50.0
Dibromomethane	FB	Ave	3276 354898	13508 1095796	32305	69498	170124	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Dioxane	TBAd10	Ave	+++++ 79176	2879 255871	7740	14697	39680	+++++ 1250	50.0 3750	125	250	625
Methyl methacrylate	FB	Ave	3955 528708	18913 1674756	44467	99247	250613	1.00 100	4.00 300	10.0	20.0	50.0
Bromodichloromethane	FB	Ave	5714 724244	29682 2243875	66420	141990	348033	1.00 100	4.00 300	10.0	20.0	50.0
2-Nitropropane	TBAd10	Ave	12825 1363402	53605 4205754	123146	260805	663525	5.00 500	20.0 1500	50.0	100	250
2-Chloroethyl vinyl ether	FB	Ave	3802 464972	16737 1469287	40239	87134	226290	1.00 100	4.00 300	10.0	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	6771 946130	35484 2987429	79991	178824	451552	1.00 100	4.00 300	10.0	20.0	50.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	14436 1776367	65916 5451982	148041	309123	845610	2.00 200	8.00 600	20.0	40.0	100
Toluene	CBZd5	Ave	11331 1391921	53913 4303629	120554	268470	655602	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,3-Dichloropropene	CBZd5	Ave	6696 904360	32919 2856323	75058	164808	424163	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl methacrylate	CBZd5	Ave	7095 908787	31169 2892446	74795	163921	425073	1.00 100	4.00 300	10.0	20.0	50.0
1,1,2-Trichloroethane	CBZd5	Ave	4398 505511	19716 1542755	47503	98266	244279	1.00 100	4.00 300	10.0	20.0	50.0
Tetrachloroethene	CBZd5	Ave	4055 559300	21950 1758774	47958	107572	253404	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Dichloropropane	CBZd5	Ave	8092 927166	35006 2871782	82456	177477	444624	1.00 100	4.00 300	10.0	20.0	50.0
2-Hexanone	CBZd5	Ave	10238 1295673	49031 4014728	105037	226602	631357	2.00 200	8.00 600	20.0	40.0	100
Dibromochloromethane	CBZd5	Ave	4661 579104	21239 1780276	51139	109528	278452	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dibromoethane (EDB)	CBZd5	Ave	4470 537327	20747 1653318	47842	102116	259092	1.00 100	4.00 300	10.0	20.0	50.0

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 Calibration End Date: 09/03/2025 04:40 Calibration ID: 76275

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorobenzene	CBZd5	Ave	12401 1504592	57971 4653805	131547	289634	710300	1.00 100	4.00 300	10.0	20.0	50.0
1-Chlorohexane	CBZd5	Ave	4929 765986	25604 2484244	56418	136792	326506	1.00 100	4.00 300	10.0	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZd5	Ave	4019 505548	18787 1586613	43162	97570	238627	1.00 100	4.00 300	10.0	20.0	50.0
Ethylbenzene	CBZd5	Ave	20235 2685445	102444 8377632	226563	507966	1250615	1.00 100	4.00 300	10.0	20.0	50.0
m&p-Xylene	CBZd5	Ave	14914 2078936	76994 6608442	175953	398165	962659	2.00 200	8.00 600	20.0	40.0	100
o-Xylene	CBZd5	Ave	7184 1018179	37269 3212658	85881	191971	473902	1.00 100	4.00 300	10.0	20.0	50.0
n-Butyl acrylate	CBZd5	Ave	9084 1458815	45598 4742074	112321	246490	647208	1.00 100	4.00 300	10.0	20.0	50.0
Styrene	CBZd5	Ave	11584 1748514	62225 5537821	146385	330026	821266	1.00 100	4.00 300	10.0	20.0	50.0
Bromoform	CBZd5	Ave	3644 419001	15305 1320029	36993	77930	201416	1.00 100	4.00 300	10.0	20.0	50.0
Isopropylbenzene	CBZd5	Ave	18280 2653004	94822 8285863	211022	486740	1176870	1.00 100	4.00 300	10.0	20.0	50.0
Cyclohexanone	TBAd10	Ave	12685 392212	56302 1260473	70320	146618	192483	50.0 1250	200 3750	250	500	625
Bromobenzene	DCBd4	Ave	4878 624285	23265 1938590	55897	119625	297186	1.00 100	4.00 300	10.0	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	7084 838689	33682 2602643	75350	160596	406256	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trichloropropane	DCBd4	Ave	2137 247492	10231 748422	22466	47387	121006	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	6116 797888	28709 2540762	66612	148171	385753	2.50 250	10.0 750	25.0	50.0	125
N-Propylbenzene	DCBd4	Ave	22852 3245455	112903 9821695	254577	588067	1424509	1.00 100	4.00 300	10.0	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	4358 608134	22348 1907242	51667	115122	279713	1.00 100	4.00 300	10.0	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	4540 640387	23745 2040643	53386	118611	294589	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	14633 2242210	78248 7189187	179436	409471	1003150	1.00 100	4.00 300	10.0	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	3178	15931	35632	83188	202177	1.00	4.00	10.0	20.0	50.0

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 Calibration End Date: 09/03/2025 04:40 Calibration ID: 76275

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			463457	1497473				100	300			
1,2,4-Trimethylbenzene	DCBd4	Ave	15631 2320207	80680 7243266	185123	430034	1044628	1.00 100	4.00 300	10.0	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	18582 2850720	94932 8829984	210168	499798	1195203	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	8613 1178607	44500 3732601	99112	220638	544924	1.00 100	4.00 300	10.0	20.0	50.0
p-Isopropyltoluene	DCBd4	Ave	16285 2488585	83816 7889291	186601	443395	1045856	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	10268 1205674	46642 3840451	103955	225952	550452	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trimethylbenzene	DCBd4	Ave	16590 2306274	85620 7244489	193475	438297	1050418	1.00 100	4.00 300	10.0	20.0	50.0
Benzyl chloride	DCBd4	Ave	10603 1700625	49808 5643328	126982	285692	774440	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Diethylbenzene	DCBd4	Ave	8303 1367620	45807 4377078	100077	242196	582718	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Diethylbenzene	DCBd4	Ave	9970 1501190	49339 4884478	110169	263323	634909	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	9189 1170653	45110 3753310	99895	220955	550685	1.00 100	4.00 300	10.0	20.0	50.0
n-Butylbenzene	DCBd4	Ave	7488 1217626	39410 3987275	87107	212441	503545	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Diethylbenzene	DCBd4	Ave	8132 1189757	41942 3792639	93109	217946	509770	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	1584 207490	7699 664957	17904	38453	100067	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	5740 869873	31261 2741617	67147	158419	374061	1.00 100	4.00 300	10.0	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	5487 822776	29168 2584340	64056	147734	360794	1.00 100	4.00 300	10.0	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	2563 352166	12250 1082649	26446	62639	143986	1.00 100	4.00 300	10.0	20.0	50.0
2-Ethylhexyl acrylate	DCBd4	Ave	+++++ 937573	21082 3045505	56660	133200	379875	+++++ 100	4.00 300	10.0	20.0	50.0
Naphthalene	DCBd4	Ave	17624 2773269	97268 8457393	227713	505536	1289738	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	5980 797824	29690 2415213	63389	144230	355333	1.00 100	4.00 300	10.0	20.0	50.0
2-Methylnaphthalene	DCBd4	Ave	6302	39958	96804	230259	599611	1.00	4.00	10.0	20.0	50.0

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 Calibration End Date: 09/03/2025 04:40 Calibration ID: 76275

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1380608	3984730				100	300			
Dibromofluoromethane (Surr)	FB	Ave	241558 249368	239143 265770	239402	245430	242401	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	353331 361960	352175 381045	353053	354826	349565	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZd5	Ave	1036545 1093487	1029539 1177439	1037119	1059144	1051299	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	CBZd5	Ave	377086 408651	377826 436713	381282	395176	391745	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:
Ave = Average ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC | Job No.: 410-246092-1 | Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 | GC Column: DB-624 20m | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 | Calibration End Date: 09/03/2025 04:40 | Calibration ID: 76275

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-693589/12	ES02X11.D
Level 2	IC 410-693589/13	ES02X12.D
Level 3	IC 410-693589/14	ES02X13.D
Level 4	IC 410-693589/15	ES02X14.D
Level 5	ICIS 410-693589/16	ES02X15.D
Level 6	IC 410-693589/17	ES02X16.D
Level 7	IC 410-693589/18	ES02X17.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Dichlorodifluoromethane	-13.4 -4.4	15.6	-1.7	-6.6	8.1	2.4	50 30	30	30	30	30	30
Chloromethane	-1.4 -8.3	12.5	4.3	-9.3	5.6	-3.5	50 30	30	30	30	30	30
1,3-Butadiene	12.2 -7.2	15.2	-3.7	-11.1	-1.3	-4.2	50 30	30	30	30	30	30
Vinyl chloride	-10.5 -2.4	9.9	0.8	-4.9	4.9	2.2	50 30	30	30	30	30	30
Bromomethane	-9.2 -4.8	11.8	1.8	-4.8	5.6	-0.4	50 30	30	30	30	30	30
Chloroethane	-4.5 -5.1	13.3	2.3	-7.2	3.0	-1.8	50 30	30	30	30	30	30
Dichlorofluoromethane	-0.3 -5.6	9.3	-0.9	-6.3	5.1	-1.2	50 30	30	30	30	30	30
n-Pentane	9.1 0.9	6.6	-14.2	-1.1	-3.2	1.9	50 30	30	30	30	30	30
Trichlorofluoromethane	-6.9 -3.2	11.5	-2.4	-7.1	6.3	1.8	50 30	30	30	30	30	30
Ethyl ether	-2.2 -6.3	5.1	-1.2	4.0	2.9	-2.3	50 30	30	30	30	30	30
Freon 123a	-6.5 -3.8	16.7	-1.7	-8.6	4.5	-0.7	50 30	30	30	30	30	30
Acrolein	-4.8 -5.1	14.4	-4.4	-2.9	1.4	1.5	50 30	30	30	30	30	30
1,1-Dichloroethene	-15.3 1.4	9.1	-4.6	5.3	1.3	2.8	50 30	30	30	30	30	30
Acetone	12.1 -8.0	6.0	-2.5	-5.7	-1.0	-0.8	50 30	30	30	30	30	30
Freon 113	-12.2 3.7	5.5	-10.3	5.5	2.6	5.3	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 Calibration End Date: 09/03/2025 04:40 Calibration ID: 76275

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
2-Propanol	19.0 -17.7	15.6	4.4	-0.3	-11.6	-9.4	50 30	30	30	30	30	30
Methyl iodide	-10.7 -4.5	7.8	0.2	4.4	2.0	0.9	50 30	30	30	30	30	30
Carbon disulfide	-6.5 0.4	14.5	-5.9	5.7	-5.2	-2.9	50 30	30	30	30	30	30
Allyl chloride	-3.3 -3.0	7.1	-1.5	1.5	-1.0	0.1	50 30	30	30	30	30	30
Methyl acetate	32.3 -12.8	12.5	-10.3	-5.3	-7.2	-9.2	50 30	30	30	30	30	30
Methylene Chloride	-7.3 -6.3	6.6	1.0	4.0	2.0	-0.1	50 30	30	30	30	30	30
t-Butyl alcohol	0.0 -10.1	13.7	-2.4	2.1	1.0	-4.3	50 30	30	30	30	30	30
Acrylonitrile	-2.0 -6.3	5.9	-0.4	2.6	1.7	-1.3	50 30	30	30	30	30	30
trans-1,2-Dichloroethene	-15.2 0.0	7.3	-3.2	5.2	2.7	3.2	50 30	30	30	30	30	30
Methyl tert-butyl ether	-5.3 -4.1	7.9	-2.7	2.0	2.1	0.1	50 30	30	30	30	30	30
n-Hexane	-19.1 13.1	5.7	-16.8	3.7	0.3	13.2	50 30	30	30	30	30	30
1,1-Dichloroethane	-7.2 -4.9	6.3	-1.2	3.9	1.8	1.4	50 30	30	30	30	30	30
Isopropyl ether	-5.4 -2.9	6.4	-2.6	1.4	2.3	0.7	50 30	30	30	30	30	30
2-Chloro-1,3-butadiene	-16.0 2.1	6.4	-5.5	4.6	3.9	4.5	50 30	30	30	30	30	30
Ethyl t-butyl ether	-6.2 -2.9	3.6	-1.6	2.5	2.9	1.7	50 30	30	30	30	30	30
cis-1,2-Dichloroethene	-12.5 -2.8	5.9	0.5	4.7	2.0	2.3	50 30	30	30	30	30	30
2-Butanone (MEK)	24.8 -5.4	6.2	-13.5	-9.7	-0.9	-1.7	50 30	30	30	30	30	30
2,2-Dichloropropane	-9.3 1.7	4.6	-6.2	3.8	1.7	3.8	50 30	30	30	30	30	30
Propionitrile	-8.6 -6.5	12.5	-0.3	2.2	0.2	0.5	50 30	30	30	30	30	30
Methyl acrylate	-14.6 -7.0	13.6	-2.3	-3.7	5.4	8.6	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 Calibration End Date: 09/03/2025 04:40 Calibration ID: 76275

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Methacrylonitrile	-9.1 -2.2	5.2	-1.5	1.9	4.5	1.3	50 30	30	30	30	30	30
Bromochloromethane	-14.1 -2.3	5.5	-2.8	6.5	4.7	2.6	50 30	30	30	30	30	30
Tetrahydrofuran	5.6 -7.0	5.6	-2.3	0.4	-0.5	-1.9	50 30	30	30	30	30	30
Chloroform	-11.5 -4.7	9.4	0.2	3.7	2.1	0.9	50 30	30	30	30	30	30
1,1,1-Trichloroethane	-12.1 -0.9	6.0	-2.5	5.5	1.4	2.6	50 30	30	30	30	30	30
Cyclohexane	-18.9 8.7	5.4	-11.6	5.3	2.0	9.1	50 30	30	30	30	30	30
1,1-Dichloropropene	-16.4 2.7	7.3	-5.5	5.9	1.4	4.6	50 30	30	30	30	30	30
Carbon tetrachloride	-13.3 1.5	6.0	-5.2	5.4	1.7	4.0	50 30	30	30	30	30	30
Isobutyl alcohol	19.0 -7.4	12.8	-3.8	-8.9	-6.3	-5.3	50 30	30	30	30	30	30
Benzene	-10.0 -0.8	5.2	-2.8	3.6	2.4	2.3	50 30	30	30	30	30	30
1,2-Dichloroethane	0.5 -7.0	8.2	-1.5	1.6	-0.1	-1.7	50 30	30	30	30	30	30
t-Amyl methyl ether	-12.7 -0.9	6.3	-2.6	3.5	3.4	3.0	50 30	30	30	30	30	30
n-Heptane	-5.8 15.1	1.0	-18.8	1.2	-6.6	13.9	50 30	30	30	30	30	30
n-Butanol	-13.2 7.9	1.8	-5.3	-1.6	3.5	6.9	50 30	30	30	30	30	30
Trichloroethene	-10.3 -0.5	4.4	-2.0	3.6	2.4	2.3	50 30	30	30	30	30	30
Ethyl acrylate	-19.6 8.3	-4.3	-2.2	1.7	5.3	10.8	50 30	30	30	30	30	30
Methylcyclohexane	-18.4 14.5	3.3	-16.6	4.9	-0.7	13.0	50 30	30	30	30	30	30
1,2-Dichloropropane	-9.2 0.2	4.8	-2.9	2.2	2.5	2.4	50 30	30	30	30	30	30
t-Amyl ethyl ether	-16.3 4.2	2.2	-3.7	2.0	5.8	5.8	50 30	30	30	30	30	30
Dibromomethane	-1.5 -3.9	2.2	-1.9	3.3	1.4	0.4	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 Calibration End Date: 09/03/2025 04:40 Calibration ID: 76275

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
1,4-Dioxane	+++++ -2.4	-2.1	3.6	-1.6	3.0	-0.5	30	50	30	30	30	30
Methyl methacrylate	-15.9 3.8	1.2	-4.6	4.2	5.6	5.7	50 30	30	30	30	30	30
Bromodichloromethane	-15.2 -2.9	10.9	-0.5	4.1	2.4	1.1	50 30	30	30	30	30	30
2-Nitropropane	1.3 -6.3	6.4	-3.8	1.9	0.5	0.0	50 30	30	30	30	30	30
2-Chloroethyl vinyl ether	-9.8 1.6	-0.1	-3.7	2.1	6.3	3.7	50 30	30	30	30	30	30
cis-1,3-Dichloropropene	-19.9 3.1	5.6	-4.5	4.5	5.8	5.3	50 30	30	30	30	30	30
4-Methyl-2-pentanone (MIBK)	-8.6 0.6	5.0	-5.4	-3.3	6.0	5.7	50 30	30	30	30	30	30
Toluene	-10.5 -0.3	6.5	-5.2	4.2	1.8	3.4	50 30	30	30	30	30	30
trans-1,3-Dichloropropene	-15.9 5.3	3.4	-6.1	1.7	4.7	6.9	50 30	30	30	30	30	30
Ethyl methacrylate	-10.9 6.5	-2.2	-6.5	1.1	4.8	7.3	50 30	30	30	30	30	30
1,1,2-Trichloroethane	-6.6 -3.9	4.7	0.5	2.5	1.9	1.0	50 30	30	30	30	30	30
Tetrachloroethene	-18.9 3.2	9.8	-4.5	5.7	-0.4	5.2	50 30	30	30	30	30	30
1,3-Dichloropropane	-5.0 -1.2	2.7	-3.6	2.3	2.5	2.3	50 30	30	30	30	30	30
2-Hexanone	-10.9 2.5	6.7	-9.0	-3.2	7.9	6.0	50 30	30	30	30	30	30
Dibromochloromethane	-10.8 -0.1	1.6	-2.6	2.9	4.7	4.2	50 30	30	30	30	30	30
1,2-Dibromoethane (EDB)	-9.1 -1.4	5.5	-3.1	2.0	3.5	2.7	50 30	30	30	30	30	30
Chlorobenzene	-9.5 -0.4	5.7	-4.5	3.8	1.8	3.2	50 30	30	30	30	30	30
1-Chlorohexane	-22.6 14.4	0.5	-11.8	5.5	0.7	13.1	50 30	30	30	30	30	30
1,1,1,2-Tetrachloroethane	-11.8 2.1	3.1	-5.7	5.1	2.9	4.3	50 30	30	30	30	30	30
Ethylbenzene	-15.6 2.5	6.9	-5.9	4.1	2.5	5.4	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 Calibration End Date: 09/03/2025 04:40 Calibration ID: 76275

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
m&p-Xylene	-19.1 5.1	4.4	-5.0	6.0	2.6	6.0	50 30	30	30	30	30	30
o-Xylene	-19.9 5.0	3.9	-4.7	5.1	3.8	6.8	50 30	30	30	30	30	30
n-Butyl acrylate	-24.4 15.7	-5.1	-6.9	0.7	5.8	14.2	50 30	30	30	30	30	30
Styrene	-24.0 6.5	2.0	-4.4	6.3	5.8	7.8	50 30	30	30	30	30	30
Bromoform	-4.6 1.3	0.1	-3.6	0.2	3.5	3.1	50 30	30	30	30	30	30
Isopropylbenzene	-19.7 6.8	4.2	-7.7	5.1	1.6	9.7	50 30	30	30	30	30	30
Cyclohexanone	-10.1 0.7	0.2	-1.4	2.8	4.6	3.2	50 30	30	30	30	30	30
Bromobenzene	-11.6 -2.6	5.4	-0.3	3.2	2.8	3.1	50 30	30	30	30	30	30
1,1,2,2-Tetrachloroethane	-6.7 -5.0	10.8	-2.4	0.6	2.1	0.6	50 30	30	30	30	30	30
1,2,3-Trichloropropane	-5.3 -8.0	13.2	-2.0	-0.1	2.3	-0.1	50 30	30	30	30	30	30
trans-1,4-Dichloro-2-butene	-11.8 1.5	3.4	-5.5	1.6	6.1	4.8	50 30	30	30	30	30	30
N-Propylbenzene	-14.9 1.4	5.0	-6.8	4.1	1.2	10.0	50 30	30	30	30	30	30
2-Chlorotoluene	-16.8 1.0	6.6	-3.0	4.6	1.9	5.8	50 30	30	30	30	30	30
4-Chlorotoluene	-17.4 2.9	7.9	-4.5	2.6	2.3	6.1	50 30	30	30	30	30	30
1,3,5-Trimethylbenzene	-21.7 6.7	4.6	-5.5	4.2	2.4	9.3	50 30	30	30	30	30	30
tert-Butylbenzene	-17.1 8.2	3.7	-8.6	3.2	0.6	10.1	50 30	30	30	30	30	30
1,2,4-Trimethylbenzene	-19.3 3.7	4.0	-6.0	5.6	2.9	9.1	50 30	30	30	30	30	30
sec-Butylbenzene	-18.7 7.1	3.7	-9.5	4.0	-0.2	13.6	50 30	30	30	30	30	30
1,3-Dichlorobenzene	-15.6 1.4	8.9	-4.5	2.8	1.9	5.2	50 30	30	30	30	30	30
p-Isopropyltoluene	-19.2 8.5	3.8	-9.0	4.6	-1.1	12.4	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1 Analy Batch No.: 693589

SDG No.:

Instrument ID: 15648 GC Column: DB-624 20m ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/03/2025 02:42 Calibration End Date: 09/03/2025 04:40 Calibration ID: 76275

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
1,4-Dichlorobenzene	-4.2 -0.7	8.7	-4.6	0.3	-2.0	2.5	50 30	30	30	30	30	30
1,2,3-Trimethylbenzene	-16.4 1.2	7.7	-4.1	5.0	0.9	5.8	50 30	30	30	30	30	30
Benzyl chloride	-21.9 15.2	-8.4	-8.0	0.1	8.8	14.1	50 30	30	30	30	30	30
1,3-Diethylbenzene	-24.3 10.6	4.3	-10.3	5.0	1.3	13.5	50 30	30	30	30	30	30
1,4-Diethylbenzene	-17.9 11.5	1.5	-10.7	3.2	-0.2	12.6	50 30	30	30	30	30	30
1,2-Dichlorobenzene	-11.1 0.7	9.0	-4.9	1.7	1.6	3.1	50 30	30	30	30	30	30
n-Butylbenzene	-22.6 14.2	1.7	-11.5	4.4	-0.7	14.6	50 30	30	30	30	30	30
1,2-Diethylbenzene	-17.8 6.3	5.9	-7.4	4.8	-1.6	9.6	50 30	30	30	30	30	30
1,2-Dibromo-3-Chloropropane	-13.0 1.3	5.7	-3.2	0.5	4.9	3.8	50 30	30	30	30	30	30
1,3,5-Trichlorobenzene	-20.2 5.7	8.5	-8.2	4.8	-0.8	10.2	50 30	30	30	30	30	30
1,2,4-Trichlorobenzene	-19.4 5.3	7.0	-7.4	3.2	1.1	10.1	50 30	30	30	30	30	30
Hexachlorobutadiene	-11.0 4.2	6.2	-9.7	3.5	-4.6	11.4	50 30	30	30	30	30	30
2-Ethylhexyl acrylate	+++++ 22.4	-23.7	-19.2	-8.2	5.0	23.7	 30	50	30	30	30	30
Naphthalene	-23.7 1.5	5.2	-3.0	4.1	6.5	9.4	50 30	30	30	30	30	30
1,2,3-Trichlorobenzene	-11.4 -0.8	9.9	-7.6	1.7	0.5	7.7	50 30	30	30	30	30	30
2-Methylnaphthalene	-38.6 7.7	-2.7	-7.2	6.7	11.5	22.6	50 30	30	30	30	30	30
Dibromofluoromethane (Surr)	1.1 -2.8	0.7	1.1	1.4	0.4	-1.9	50 30	30	30	30	30	30
1,2-Dichloroethane-d4 (Surr)	1.6 -4.2	1.9	2.4	0.8	-0.4	-2.1	50 30	30	30	30	30	30
Toluene-d8 (Surr)	0.3 0.2	-0.4	-0.1	0.6	-0.1	-0.5	50 30	30	30	30	30	30
4-Bromofluorobenzene (Surr)	-1.4 0.5	-1.2	-0.7	1.5	0.6	0.5	50 30	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X11.D
Lims ID: IC v1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 03-Sep-2025 02:42:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0158419-012
Misc. Info.: IC V1
Operator ID: gaw91131 Instrument ID: 15648
Sublist: chrom-MSVoa_15648*sub75

Method: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 04-Sep-2025 10:35:31 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: DVW2 Date: 03-Sep-2025 07:57:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.067	1.055	0.012	79	7433	1.00	0.8664	
4 Chloromethane	50	1.177	1.171	0.006	97	8826	1.00	0.9862	M
5 Butadiene	39	1.220	1.220	0.000	91	9250	1.00	1.12	
6 Vinyl chloride	62	1.232	1.226	0.006	97	7122	1.00	0.8950	
8 Bromomethane	94	1.403	1.403	0.000	88	4363	1.00	0.9078	
9 Chloroethane	64	1.415	1.415	0.000	61	4322	1.00	0.9549	
10 Dichlorofluoromethane	67	1.549	1.543	0.006	96	10812	1.00	1.00	
11 Pentane	43	1.567	1.561	0.006	91	10703	1.00	1.09	
12 Trichlorofluoromethane	101	1.604	1.598	0.006	91	9061	1.00	0.9305	
14 Ethyl ether	59	1.677	1.677	0.000	95	4563	1.00	0.9781	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	1.689	1.714	-0.025	57	6002	1.00	0.9351	M
16 Acrolein	56	1.768	1.756	0.012	93	15220	9.76	9.29	
17 1,1-Dichloroethene	96	1.835	1.836	-0.001	94	3404	1.00	0.8466	
18 Acetone	58	1.866	1.848	0.018	24	1590	2.00	2.24	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.884	1.872	0.012	36	3917	1.00	0.8776	
20 Isopropyl alcohol	45	1.951	1.933	0.018	42	2831	5.00	5.95	
22 Iodomethane	142	1.939	1.939	0.000	99	6406	1.00	0.8926	
23 Carbon disulfide	76	1.994	1.988	0.006	98	11085	1.00	0.9349	
25 3-Chloro-1-propene	41	2.067	2.061	0.006	83	8217	1.00	0.9674	
26 Methyl acetate	43	2.079	2.067	0.012	52	8024	1.00	1.32	
28 Methylene Chloride	84	2.159	2.153	0.006	33	4353	1.00	0.9269	
* 27 t-Butyl alcohol-d10 (IS)	65	2.165	2.165	0.000	35	184747	250.0	250.0	
29 2-Methyl-2-propanol	59	2.238	2.226	0.012	1	3829	5.00	5.00	
31 Acrylonitrile	53	2.329	2.323	0.006	96	6963	2.50	2.45	
32 trans-1,2-Dichloroethene	96	2.366	2.366	0.000	95	3793	1.00	0.8479	
33 Methyl tert-butyl ether	73	2.366	2.372	-0.006	94	15752	1.00	0.9473	M
34 Hexane	57	2.604	2.598	0.006	89	5997	1.00	0.8092	
35 1,1-Dichloroethane	63	2.719	2.713	0.006	95	8482	1.00	0.9279	
37 Isopropyl ether	45	2.793	2.787	0.006	91	16024	1.00	0.9463	
38 2-Chloro-1,3-butadiene	53	2.793	2.799	-0.006	91	7274	1.00	0.8401	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	3.122	3.122	0.000	96	15183	1.00	0.9381	
40 cis-1,2-Dichloroethene	96	3.232	3.232	0.000	83	4326	1.00	0.8746	
41 2-Butanone (MEK)	43	3.250	3.238	0.012	70	9834	2.00	2.50	
42 2,2-Dichloropropane	77	3.232	3.244	-0.012	50	7006	1.00	0.9067	
44 Propionitrile	54	3.305	3.286	0.019	91	5153	5.00	4.57	
43 Methyl acrylate	55	3.353	3.335	0.018	97	6185	1.00	0.8547	
46 Methacrylonitrile	67	3.445	3.433	0.012	82	6782	2.50	2.27	
47 Chlorobromomethane	128	3.463	3.451	0.012	63	2075	1.00	0.8590	
48 Tetrahydrofuran	71	3.494	3.488	0.006	91	5033	5.00	5.28	
49 Chloroform	83	3.530	3.530	0.000	94	7502	1.00	0.8847	
$ 50 Dibromofluoromethane (Surr)	113	3.683	3.683	0.000	93	241558	50.0	50.5	
51 1,1,1-Trichloroethane	97	3.713	3.713	0.000	93	6581	1.00	0.8790	
53 Cyclohexane	56	3.774	3.768	0.006	27	7313	1.00	0.8110	
58 1,1-Dichloropropene	75	3.866	3.860	0.006	84	5910	1.00	0.8363	
59 Carbon tetrachloride	117	3.878	3.872	0.006	83	5626	1.00	0.8671	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	4.000	3.994	0.006	81	353331	50.0	50.8	
78 Isobutyl alcohol	41	4.006	4.000	0.006	31	4086	12.5	14.9	
84 Benzene	78	4.061	4.055	0.006	94	18136	1.00	0.9003	
85 1,2-Dichloroethane	62	4.073	4.067	0.006	47	8100	1.00	1.00	
87 Tert-amyl methyl ether	73	4.195	4.195	0.000	95	13271	1.00	0.8727	
* 88 Fluorobenzene (IS)	96	4.335	4.335	0.000	98	1009659	50.0	50.0	
89 n-Heptane	43	4.359	4.353	0.006	88	6814	1.00	0.9418	
96 n-Butanol	56	4.689	4.664	0.025	34	1906	12.5	10.9	
97 Trichloroethene	95	4.701	4.701	0.000	91	4491	1.00	0.8969	
99 Ethyl acrylate	55	4.853	4.841	0.012	97	6871	1.00	0.8039	Ma
98 Methylcyclohexane	83	4.902	4.902	0.000	86	7266	1.00	0.8163	
100 1,2-Dichloropropane	63	4.914	4.920	-0.006	77	4972	1.00	0.9081	
101 2-ethoxy-2-methyl butane	87	4.999	5.000	-0.001	92	6372	1.00	0.8372	
102 Dibromomethane	93	5.042	5.036	0.006	89	3276	1.00	0.9855	
103 1,4-Dioxane	88		5.073				ND	ND	
104 Methyl methacrylate	69	5.091	5.079	0.012	89	3955	1.00	0.8409	
106 Dichlorobromomethane	83	5.219	5.213	0.006	95	5714	1.00	0.8484	
107 2-Nitropropane	41	5.451	5.445	0.006	97	12825	5.00	5.06	
108 2-Chloroethyl vinyl ether	63	5.566	5.554	0.012	91	3802	1.00	0.9017	
109 cis-1,3-Dichloropropene	75	5.688	5.688	0.000	89	6771	1.00	0.8012	
110 4-Methyl-2-pentanone (MIBK)	43	5.871	5.871	0.000	97	14436	2.00	1.83	
$ 111 Toluene-d8 (Surr)	98	5.975	5.969	0.006	94	1036545	50.0	50.1	
112 Toluene	92	6.048	6.042	0.006	97	11331	1.00	0.8954	
S 113 1,2-Dichloroethene, Total	100				0			1.72	
114 trans-1,3-Dichloropropene	75	6.298	6.292	0.006	96	6696	1.00	0.8415	
115 Ethyl methacrylate	69	6.444	6.432	0.012	89	7095	1.00	0.8907	
116 1,1,2-Trichloroethane	97	6.487	6.481	0.006	90	4398	1.00	0.9341	
117 Tetrachloroethene	166	6.633	6.633	0.000	87	4055	1.00	0.8112	
119 1,3-Dichloropropane	76	6.664	6.658	0.006	95	8092	1.00	0.9498	
121 2-Hexanone	43	6.798	6.786	0.012	94	10238	2.00	1.78	
122 Chlorodibromomethane	129	6.902	6.902	0.000	86	4661	1.00	0.8920	
124 Ethylene Dibromide	107	7.011	7.005	0.006	95	4470	1.00	0.9090	
* 126 Chlorobenzene-d5 (IS)	117	7.523	7.523	0.000	88	734024	50.0	50.0	
127 Chlorobenzene	112	7.554	7.548	0.006	97	12401	1.00	0.9046	
128 1-Chlorohexane	91	7.572	7.566	0.006	89	4929	1.00	0.7742	
129 1,1,1,2-Tetrachloroethane	131	7.645	7.639	0.006	91	4019	1.00	0.8820	
130 Ethylbenzene	91	7.682	7.676	0.006	99	20235	1.00	0.8445	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
132 m-Xylene & p-Xylene	106	7.798	7.798	0.000	98	14914	2.00	1.62	
133 o-Xylene	106	8.163	8.157	0.006	98	7184	1.00	0.8010	
134 n-Butyl acrylate	55	8.176	8.170	0.006	90	9084	1.00	0.7561	
135 Styrene	104	8.170	8.170	0.000	92	11584	1.00	0.7597	
136 Bromoform	173	8.316	8.310	0.006	94	3644	1.00	0.9537	
137 Isopropylbenzene	105	8.487	8.487	0.000	96	18280	1.00	0.8035	
138 Cyclohexanone	55	8.535	8.535	0.000	93	12685	50.0	44.9	
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	87	377086	50.0	49.3	
142 Bromobenzene	156	8.712	8.712	0.000	97	4878	1.00	0.8844	
143 1,1,2,2-Tetrachloroethane	83	8.737	8.731	0.006	95	7084	1.00	0.9329	
144 1,2,3-Trichloropropane	110	8.761	8.755	0.006	89	2137	1.00	0.9471	
145 trans-1,4-Dichloro-2-butene	53	8.779	8.779	0.000	85	6116	2.50	2.20	
146 N-Propylbenzene	91	8.828	8.822	0.006	99	22852	1.00	0.8507	
147 2-Chlorotoluene	126	8.877	8.877	0.000	95	4358	1.00	0.8321	
148 4-Chlorotoluene	126	8.968	8.968	0.000	98	4540	1.00	0.8260	
149 1,3,5-Trimethylbenzene	105	8.974	8.974	0.000	93	14633	1.00	0.7831	
152 tert-Butylbenzene	134	9.218	9.218	0.000	94	3178	1.00	0.8286	
153 1,2,4-Trimethylbenzene	105	9.255	9.255	0.000	96	15631	1.00	0.8070	
154 sec-Butylbenzene	105	9.383	9.383	0.000	95	18582	1.00	0.8130	
155 1,3-Dichlorobenzene	146	9.450	9.450	0.000	95	8613	1.00	0.8438	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	97	397900	50.0	50.0	
156 4-Isopropyltoluene	119	9.499	9.499	0.000	47	16285	1.00	0.8076	
159 1,4-Dichlorobenzene	146	9.517	9.517	0.000	93	10268	1.00	0.9581	
160 1,2,3-Trimethylbenzene	105	9.566	9.566	0.000	98	16590	1.00	0.8356	
161 Benzyl chloride	91	9.621	9.621	-0.001	98	10603	1.00	0.7810	
162 1,3-Diethylbenzene	119	9.718	9.718	0.000	93	8303	1.00	0.7566	
163 p-Diethylbenzene	119	9.773	9.773	0.000	96	9970	1.00	0.8212	
164 1,2-Dichlorobenzene	146	9.785	9.785	0.000	95	9189	1.00	0.8888	
165 n-Butylbenzene	92	9.791	9.791	0.000	98	7488	1.00	0.7736	
166 o-diethylbenzene	119	9.858	9.858	0.000	96	8132	1.00	0.8225	
S 168 1,3-Dichloropropene, Total	100				0			1.64	
169 1,2-Dibromo-3-Chloropropane	75	10.322	10.322	0.000	74	1584	1.00	0.8703	
170 1,3,5-Trichlorobenzene	180	10.474	10.474	0.000	96	5740	1.00	0.7980	
171 1,2,4-Trichlorobenzene	180	10.882	10.883	-0.001	91	5487	1.00	0.8062	
172 Hexachlorobutadiene	225	10.998	10.998	0.000	93	2563	1.00	0.8899	
173 2-Ethylhexyl acrylate	55	11.029	11.029	0.000	87	4232	1.00	0.6134	
174 Naphthalene	128	11.041	11.035	0.006	98	17624	1.00	0.7631	
175 1,2,3-Trichlorobenzene	180	11.193	11.193	0.000	93	5980	1.00	0.8862	
S 176 Xylenes, Total	106				0			2.42	
177 2-Methylnaphthalene	142	11.754	11.754	0.000	89	6302	1.00	0.6142	
S 193 Total Diethylbenzene	1				0			2.40	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_4ppbEE_00644	Amount Added: 12.50	Units: mL	
MSV_Cent_ISSS_00038	Amount Added: 5.00	Units: uL	Run Reagent

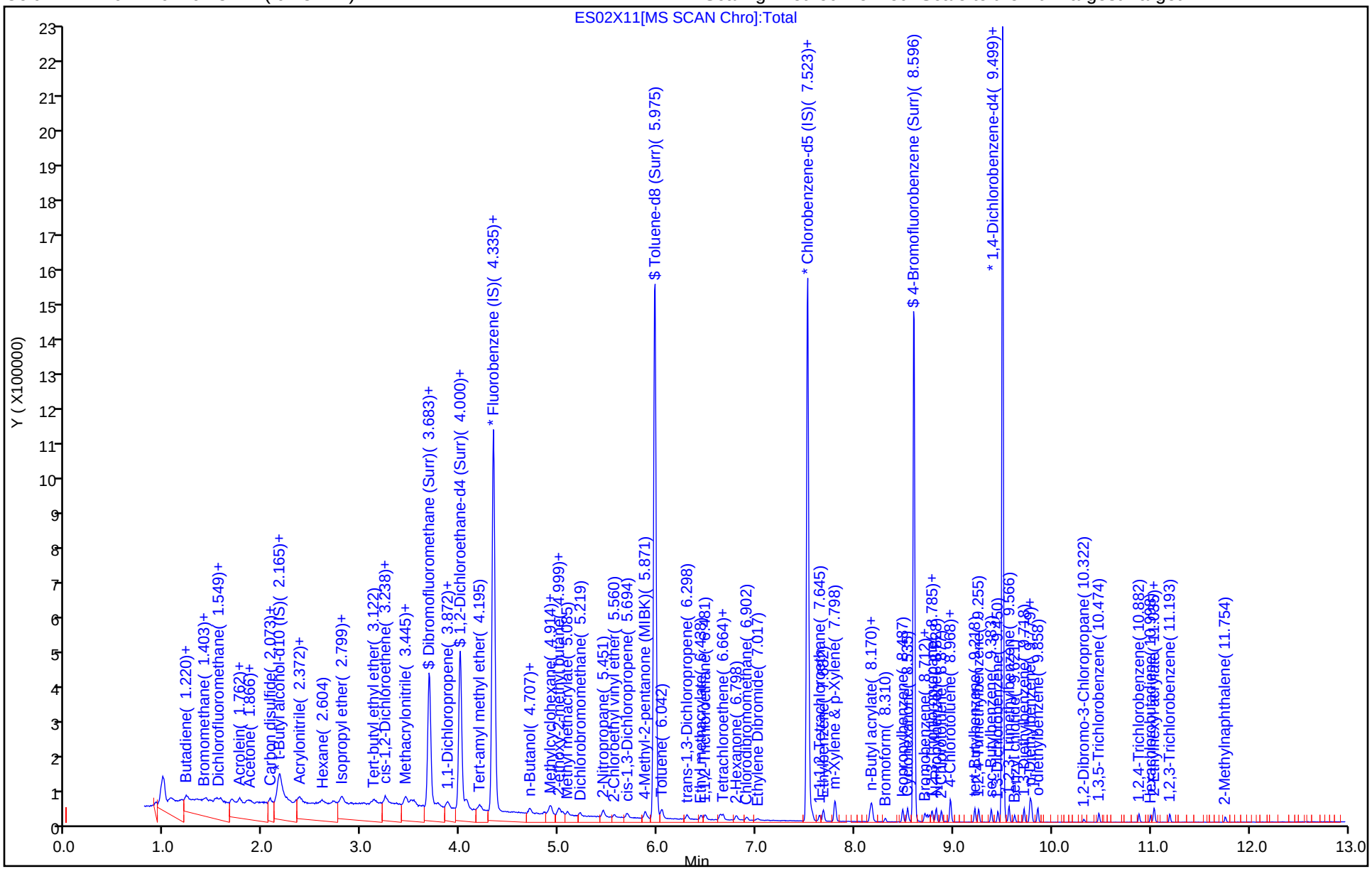
Report Date: 04-Sep-2025 10:35:32 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X11.D

Injection Date:	03-Sep-2025 02:42:30	Instrument ID:	15648	Operator ID:	gaw91131
Lims ID:	IC v1			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

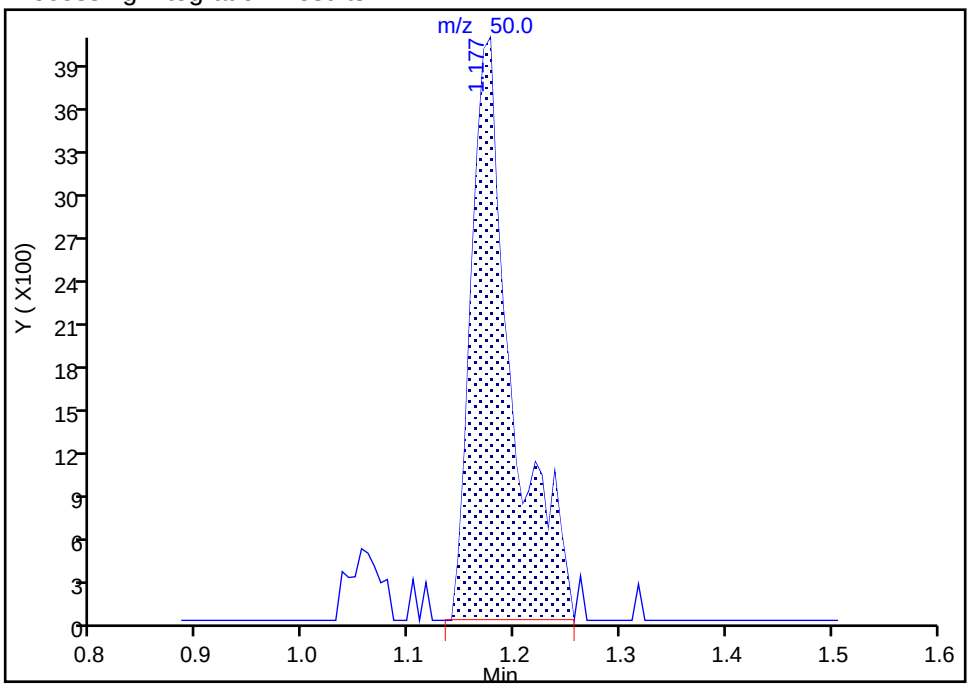
Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X11.D
Injection Date: 03-Sep-2025 02:42:30 Instrument ID: 15648
Lims ID: IC v1
Client ID:
Operator ID: gaw91131 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15648 Limit Group: MSV - 8260C_D
Column: DB-624 20m 0.18mm (0.18 mm) Detector MS Quad

4 Chloromethane, CAS: 74-87-3

Signal: 1

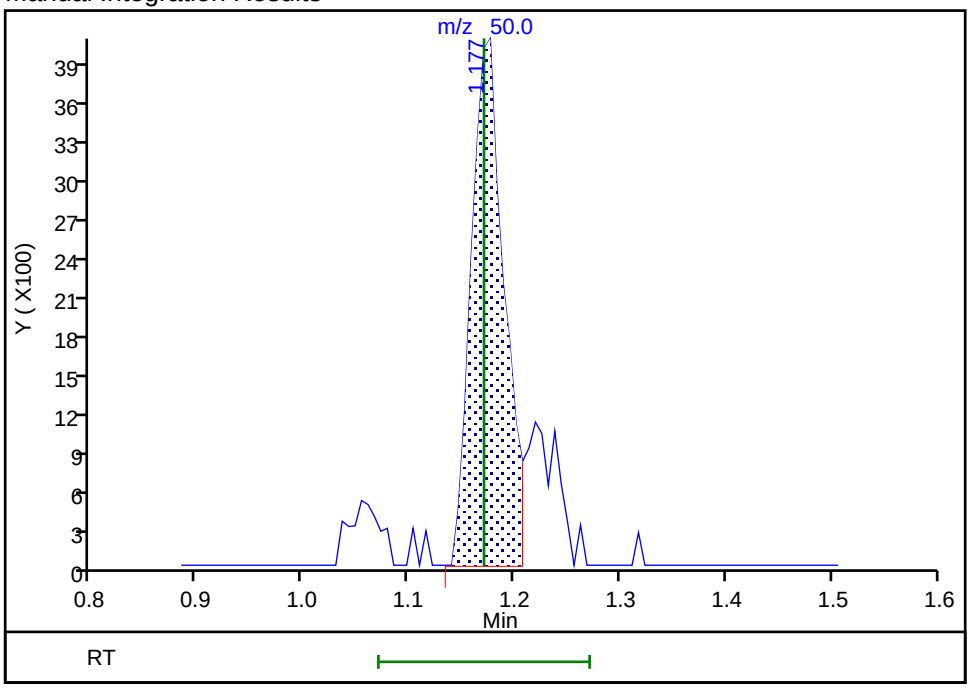
Processing Integration Results

RT: 1.18
Area: 10893
Amount: 1.178235
Amount Units: ug/l



Manual Integration Results

RT: 1.18
Area: 8826
Amount: 0.986156
Amount Units: ug/l



Reviewer: DVW2, 03-Sep-2025 07:57:00 -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

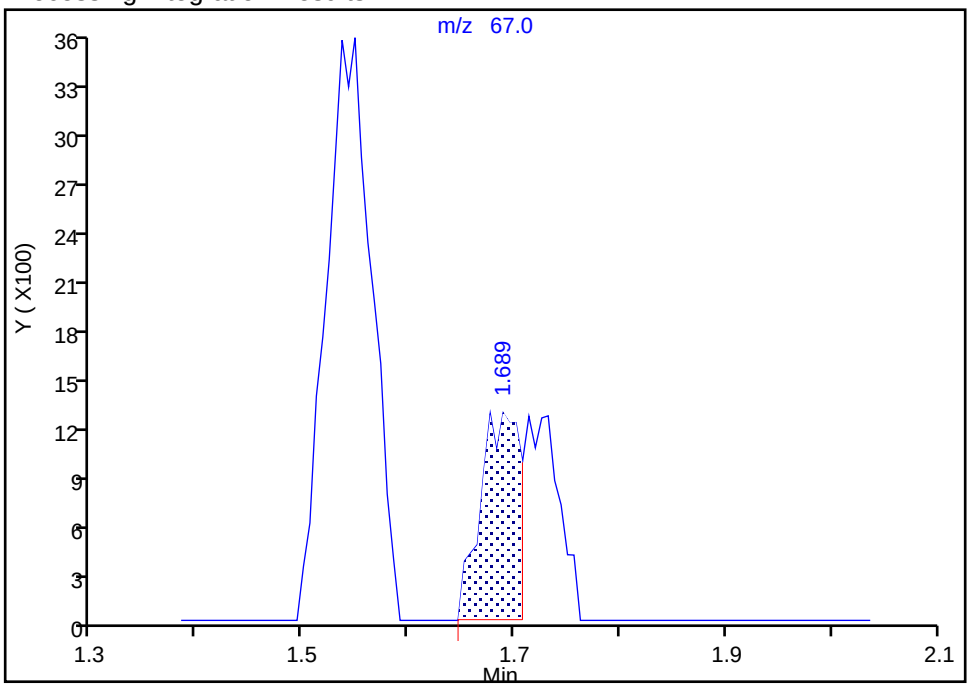
Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X11.D
Injection Date: 03-Sep-2025 02:42:30 Instrument ID: 15648
Lims ID: IC v1
Client ID:
Operator ID: gaw91131 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15648 Limit Group: MSV - 8260C_D
Column: DB-624 20m 0.18mm (0.18 mm) Detector MS Quad

15 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

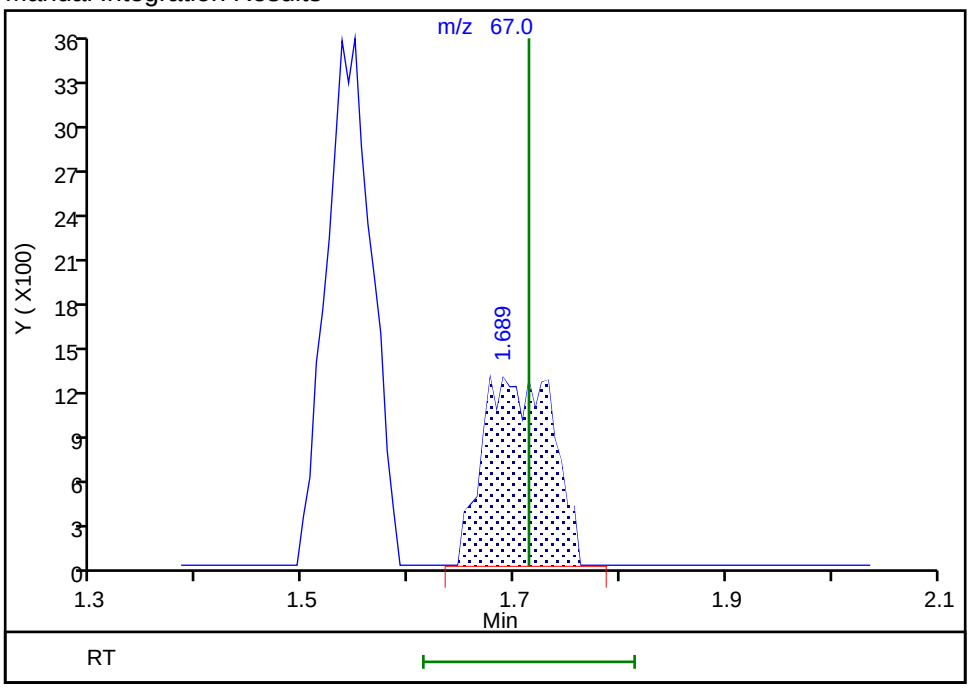
Processing Integration Results

RT: 1.69
Area: 3362
Amount: 0.723355
Amount Units: ug/l



Manual Integration Results

RT: 1.69
Area: 6002
Amount: 0.935135
Amount Units: ug/l



Reviewer: DVW2, 03-Sep-2025 07:58:32 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

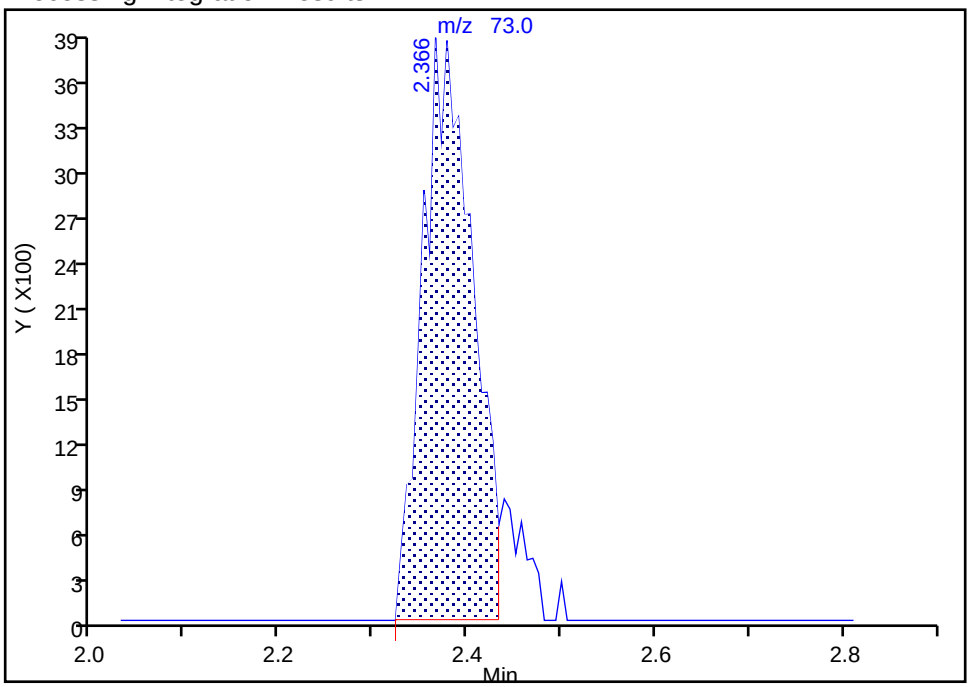
Data File:	\\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X11.D				
Injection Date:	03-Sep-2025 02:42:30	Instrument ID:	15648		
Lims ID:	IC v1				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

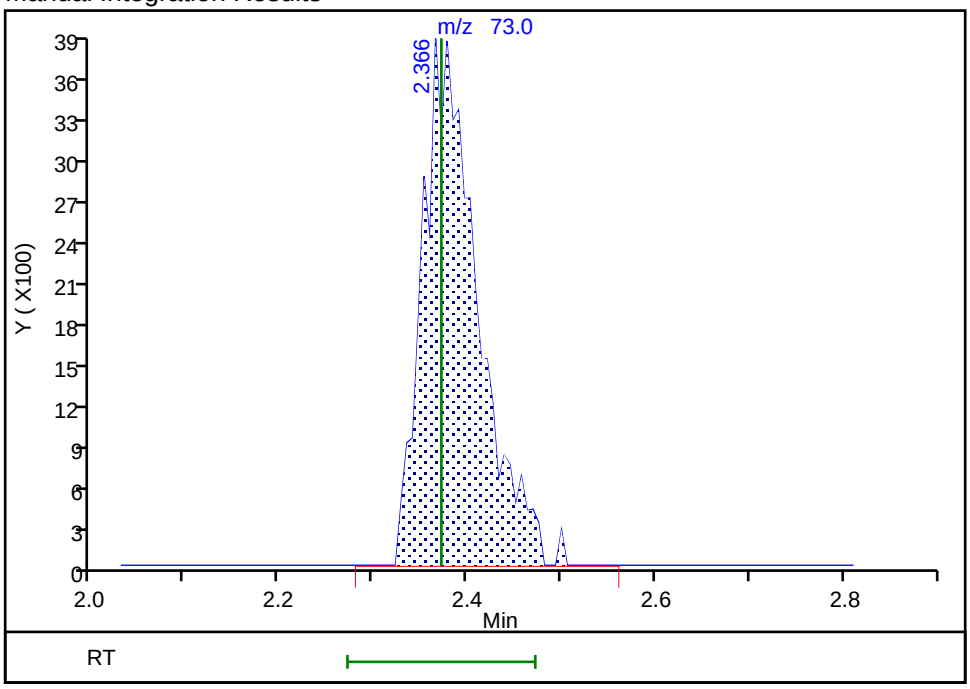
Processing Integration Results

RT: 2.37
Area: 14281
Amount: 0.869834
Amount Units: ug/l



Manual Integration Results

RT: 2.37
Area: 15752
Amount: 0.947305
Amount Units: ug/l



Reviewer: DVW2, 03-Sep-2025 07:58:42 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

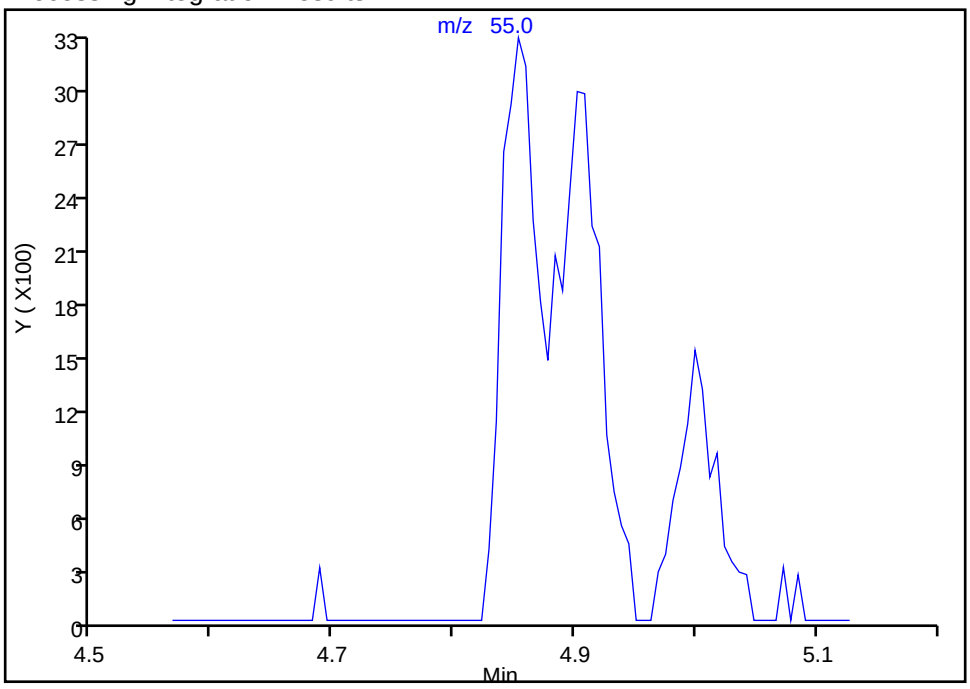
Data File:	\\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X11.D				
Injection Date:	03-Sep-2025 02:42:30	Instrument ID:	15648		
Lims ID:	IC v1				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

99 Ethyl acrylate, CAS: 140-88-5

Signal: 1

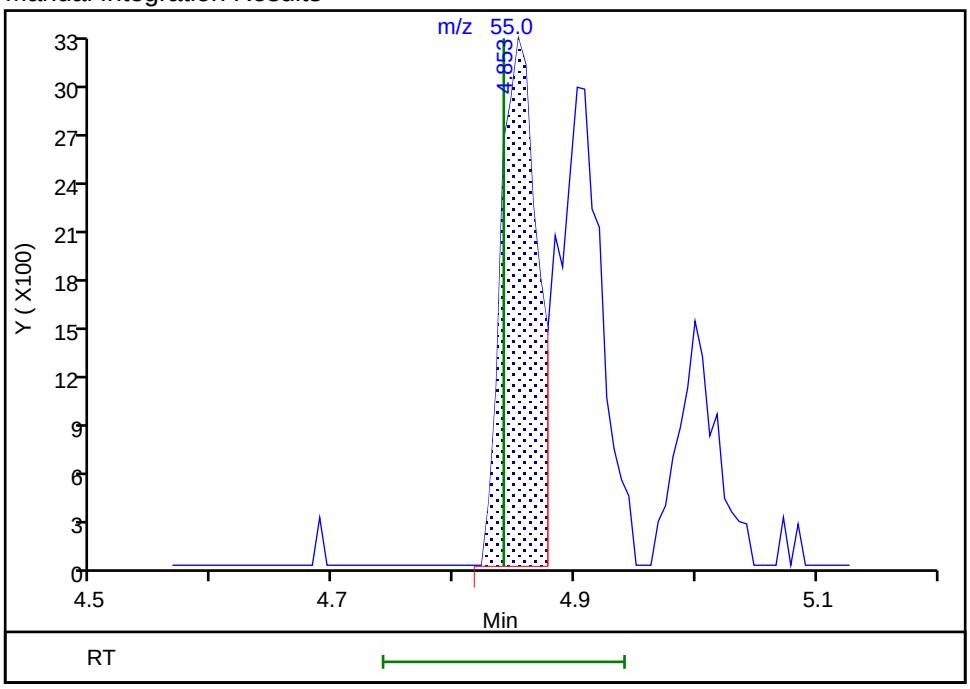
Not Detected
Expected RT: 4.84

Processing Integration Results



Manual Integration Results

RT: 4.85
Area: 6871
Amount: 0.803916
Amount Units: ug/l



Reviewer: UCB5, 04-Sep-2025 10:18:37 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Wrong peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X12.D
Lims ID: IC v4
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 03-Sep-2025 03:01:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0158419-013
Misc. Info.: IC V4
Operator ID: gaw91131 Instrument ID: 15648
Sublist: chrom-MSVoa_15648*sub75

Method: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 04-Sep-2025 10:35:46 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: DVW2 Date: 03-Sep-2025 07:56:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.061	1.055	0.006	98	39410	4.00	4.62	
4 Chloromethane	50	1.171	1.171	0.000	99	40020	4.00	4.50	M
5 Butadiene	39	1.220	1.220	0.000	88	37731	4.00	4.61	
6 Vinyl chloride	62	1.226	1.226	0.000	97	34751	4.00	4.39	
8 Bromomethane	94	1.403	1.403	0.000	91	21365	4.00	4.47	
9 Chloroethane	64	1.421	1.415	0.006	99	20387	4.00	4.53	
10 Dichlorofluoromethane	67	1.543	1.543	0.000	97	47146	4.00	4.37	
11 Pentane	43	1.567	1.561	0.006	96	41578	4.00	4.27	
12 Trichlorofluoromethane	101	1.604	1.598	0.006	95	43145	4.00	4.46	
14 Ethyl ether	59	1.683	1.677	0.006	95	19503	4.00	4.21	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	1.707	1.714	-0.007	94	29782	4.00	4.67	
16 Acrolein	56	1.762	1.756	0.006	99	72791	39.0	44.7	
17 1,1-Dichloroethene	96	1.835	1.836	-0.001	97	17441	4.00	4.37	
18 Acetone	58	1.854	1.848	0.006	98	5983	8.00	8.48	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.878	1.872	0.006	92	18708	4.00	4.22	
20 Isopropyl alcohol	45	1.933	1.933	0.000	39	10950	20.0	23.1	
22 Iodomethane	142	1.945	1.939	0.006	98	30745	4.00	4.31	
23 Carbon disulfide	76	1.994	1.988	0.006	100	53966	4.00	4.58	
25 3-Chloro-1-propene	41	2.073	2.061	0.012	84	36154	4.00	4.28	
26 Methyl acetate	43	2.073	2.067	0.006	52	27110	4.00	4.50	
28 Methylene Chloride	84	2.159	2.153	0.006	63	19904	4.00	4.27	
* 27 t-Butyl alcohol-d10 (IS)	65	2.165	2.165	0.000	52	183855	250.0	250.0	
29 2-Methyl-2-propanol	59	2.232	2.226	0.006	98	17323	20.0	22.7	
31 Acrylonitrile	53	2.335	2.323	0.012	98	29899	10.0	10.6	
32 trans-1,2-Dichloroethene	96	2.372	2.366	0.006	95	19072	4.00	4.29	
33 Methyl tert-butyl ether	73	2.372	2.372	0.000	98	71291	4.00	4.31	
34 Hexane	57	2.597	2.598	-0.001	94	31123	4.00	4.23	
35 1,1-Dichloroethane	63	2.719	2.713	0.006	96	38625	4.00	4.25	
37 Isopropyl ether	45	2.799	2.787	0.012	91	71641	4.00	4.26	
38 2-Chloro-1,3-butadiene	53	2.805	2.799	0.006	94	36618	4.00	4.26	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	3.122	3.122	0.000	98	66644	4.00	4.14	
40 cis-1,2-Dichloroethene	96	3.238	3.232	0.006	85	20815	4.00	4.24	
41 2-Butanone (MEK)	43	3.244	3.238	0.006	98	33249	8.00	8.50	
42 2,2-Dichloropropane	77	3.244	3.244	0.000	76	32125	4.00	4.18	
44 Propionitrile	54	3.305	3.286	0.019	97	25231	20.0	22.5	
43 Methyl acrylate	55	3.347	3.335	0.012	99	32673	4.00	4.54	
46 Methacrylonitrile	67	3.439	3.433	0.006	90	31185	10.0	10.5	
47 Chlorobromomethane	128	3.457	3.451	0.006	98	10129	4.00	4.22	
48 Tetrahydrofuran	71	3.506	3.488	0.018	90	20034	20.0	21.1	
49 Chloroform	83	3.536	3.530	0.006	94	36868	4.00	4.38	
$ 50 Dibromofluoromethane (Surr)	113	3.689	3.683	0.006	93	239143	50.0	50.3	
51 1,1,1-Trichloroethane	97	3.719	3.713	0.006	96	31542	4.00	4.24	
53 Cyclohexane	56	3.768	3.768	0.000	94	37765	4.00	4.21	
58 1,1-Dichloropropene	75	3.866	3.860	0.006	90	30133	4.00	4.29	
59 Carbon tetrachloride	117	3.878	3.872	0.006	75	27325	4.00	4.24	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	4.000	3.994	0.006	83	352175	50.0	51.0	
78 Isobutyl alcohol	41	4.006	4.000	0.006	31	15416	50.0	56.4	a
84 Benzene	78	4.061	4.055	0.006	96	84241	4.00	4.21	
85 1,2-Dichloroethane	62	4.079	4.067	0.012	95	34667	4.00	4.33	
87 Tert-amyl methyl ether	73	4.195	4.195	0.000	96	64235	4.00	4.25	
* 88 Fluorobenzene (IS)	96	4.335	4.335	0.000	98	1003228	50.0	50.0	
89 n-Heptane	43	4.353	4.353	0.000	93	29056	4.00	4.04	
96 n-Butanol	56	4.676	4.664	0.012	93	8900	50.0	50.9	
97 Trichloroethene	95	4.707	4.701	0.006	96	20785	4.00	4.18	
99 Ethyl acrylate	55	4.847	4.841	0.006	98	32528	4.00	3.83	M
98 Methylcyclohexane	83	4.902	4.902	0.000	90	36553	4.00	4.13	
100 1,2-Dichloropropane	63	4.920	4.920	0.000	91	22800	4.00	4.19	
101 2-ethoxy-2-methyl butane	87	4.999	5.000	-0.001	92	30929	4.00	4.09	
102 Dibromomethane	93	5.036	5.036	0.000	96	13508	4.00	4.09	
103 1,4-Dioxane	88	5.079	5.073	0.006	32	2879	50.0	48.9	
104 Methyl methacrylate	69	5.085	5.079	0.006	92	18913	4.00	4.05	
106 Dichlorobromomethane	83	5.213	5.213	0.000	98	29682	4.00	4.44	
107 2-Nitropropane	41	5.451	5.445	0.006	99	53605	20.0	21.3	
108 2-Chloroethyl vinyl ether	63	5.560	5.554	0.006	92	16737	4.00	3.99	
109 cis-1,3-Dichloropropene	75	5.688	5.688	0.000	92	35484	4.00	4.23	
110 4-Methyl-2-pentanone (MIBK)	43	5.871	5.871	0.000	98	65916	8.00	8.40	
$ 111 Toluene-d8 (Surr)	98	5.975	5.969	0.006	94	1029539	50.0	49.8	
112 Toluene	92	6.042	6.042	0.000	98	53913	4.00	4.26	
S 113 1,2-Dichloroethene, Total	100				0			8.53	
114 trans-1,3-Dichloropropene	75	6.298	6.292	0.006	98	32919	4.00	4.14	
115 Ethyl methacrylate	69	6.438	6.432	0.006	92	31169	4.00	3.91	
116 1,1,2-Trichloroethane	97	6.487	6.481	0.006	92	19716	4.00	4.19	
117 Tetrachloroethene	166	6.633	6.633	0.000	94	21950	4.00	4.39	
119 1,3-Dichloropropane	76	6.664	6.658	0.006	95	35006	4.00	4.11	
121 2-Hexanone	43	6.792	6.786	0.006	98	49031	8.00	8.53	
122 Chlorodibromomethane	129	6.902	6.902	0.000	92	21239	4.00	4.06	
124 Ethylene Dibromide	107	7.011	7.005	0.006	98	20747	4.00	4.22	
* 126 Chlorobenzene-d5 (IS)	117	7.523	7.523	0.000	88	734131	50.0	50.0	
127 Chlorobenzene	112	7.554	7.548	0.006	95	57971	4.00	4.23	
128 1-Chlorohexane	91	7.572	7.566	0.006	93	25604	4.00	4.02	
129 1,1,1,2-Tetrachloroethane	131	7.645	7.639	0.006	94	18787	4.00	4.12	
130 Ethylbenzene	91	7.682	7.676	0.006	99	102444	4.00	4.27	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
132 m-Xylene & p-Xylene	106	7.798	7.798	0.000	99	76994	8.00	8.35	
133 o-Xylene	106	8.157	8.157	0.000	98	37269	4.00	4.15	
134 n-Butyl acrylate	55	8.170	8.170	0.000	96	45598	4.00	3.79	
135 Styrene	104	8.170	8.170	0.000	94	62225	4.00	4.08	
136 Bromoform	173	8.310	8.310	0.000	94	15305	4.00	4.00	
137 Isopropylbenzene	105	8.487	8.487	0.000	96	94822	4.00	4.17	
138 Cyclohexanone	55	8.535	8.535	0.000	95	56302	200.0	200.4	
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	87	377826	50.0	49.4	
142 Bromobenzene	156	8.712	8.712	0.000	97	23265	4.00	4.21	
143 1,1,2,2-Tetrachloroethane	83	8.730	8.731	-0.001	95	33682	4.00	4.43	
144 1,2,3-Trichloropropane	110	8.755	8.755	0.000	87	10231	4.00	4.53	
145 trans-1,4-Dichloro-2-butene	53	8.779	8.779	0.000	88	28709	10.0	10.3	
146 N-Propylbenzene	91	8.828	8.822	0.006	99	112903	4.00	4.20	
147 2-Chlorotoluene	126	8.877	8.877	0.000	95	22348	4.00	4.26	
148 4-Chlorotoluene	126	8.968	8.968	0.000	98	23745	4.00	4.32	
149 1,3,5-Trimethylbenzene	105	8.974	8.974	0.000	94	78248	4.00	4.18	
152 tert-Butylbenzene	134	9.218	9.218	0.000	95	15931	4.00	4.15	
153 1,2,4-Trimethylbenzene	105	9.255	9.255	0.000	98	80680	4.00	4.16	
154 sec-Butylbenzene	105	9.383	9.383	0.000	95	94932	4.00	4.15	
155 1,3-Dichlorobenzene	146	9.450	9.450	0.000	97	44500	4.00	4.36	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	97	398292	50.0	50.0	
156 4-Isopropyltoluene	119	9.499	9.499	0.000	53	83816	4.00	4.15	
159 1,4-Dichlorobenzene	146	9.517	9.517	0.000	93	46642	4.00	4.35	
160 1,2,3-Trimethylbenzene	105	9.566	9.566	0.000	99	85620	4.00	4.31	
161 Benzyl chloride	91	9.620	9.621	-0.001	99	49808	4.00	3.67	
162 1,3-Diethylbenzene	119	9.718	9.718	0.000	96	45807	4.00	4.17	
163 p-Diethylbenzene	119	9.773	9.773	0.000	94	49339	4.00	4.06	
164 1,2-Dichlorobenzene	146	9.785	9.785	0.000	96	45110	4.00	4.36	
165 n-Butylbenzene	92	9.791	9.791	0.000	97	39410	4.00	4.07	
166 o-diethylbenzene	119	9.858	9.858	0.000	96	41942	4.00	4.24	
S 168 1,3-Dichloropropene, Total	100				0			8.36	
169 1,2-Dibromo-3-Chloropropane	75	10.322	10.322	0.000	77	7699	4.00	4.23	
170 1,3,5-Trichlorobenzene	180	10.474	10.474	0.000	96	31261	4.00	4.34	
171 1,2,4-Trichlorobenzene	180	10.882	10.883	-0.001	93	29168	4.00	4.28	
172 Hexachlorobutadiene	225	10.998	10.998	0.000	95	12250	4.00	4.25	
173 2-Ethylhexyl acrylate	55	11.029	11.029	0.000	85	21082	4.00	3.05	
174 Naphthalene	128	11.035	11.035	0.000	98	97268	4.00	4.21	
175 1,2,3-Trichlorobenzene	180	11.193	11.193	0.000	94	29690	4.00	4.40	
S 176 Xylenes, Total	106				0			12.5	
177 2-Methylnaphthalene	142	11.754	11.754	0.000	93	39958	4.00	3.89	
S 193 Total Diethylbenzene	1				0			12.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#3_00253	Amount Added:	3.20	Units: uL	
MSV_CCV_2CEVE_00243	Amount Added:	4.00	Units: uL	
MSV_CCV_GASES_01095	Amount Added:	2.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added:	32.00	Units: uL	
MSV_CCV_OH_Sp_00025	Amount Added:	4.00	Units: uL	
MSV_CCV_VOC#1_00251	Amount Added:	4.00	Units: uL	
MSV_CCV_EE_00009	Amount Added:	4.00	Units: uL	
MSV_Cent_ISSS_00038	Amount Added:	5.00	Units: uL	Run Reagent

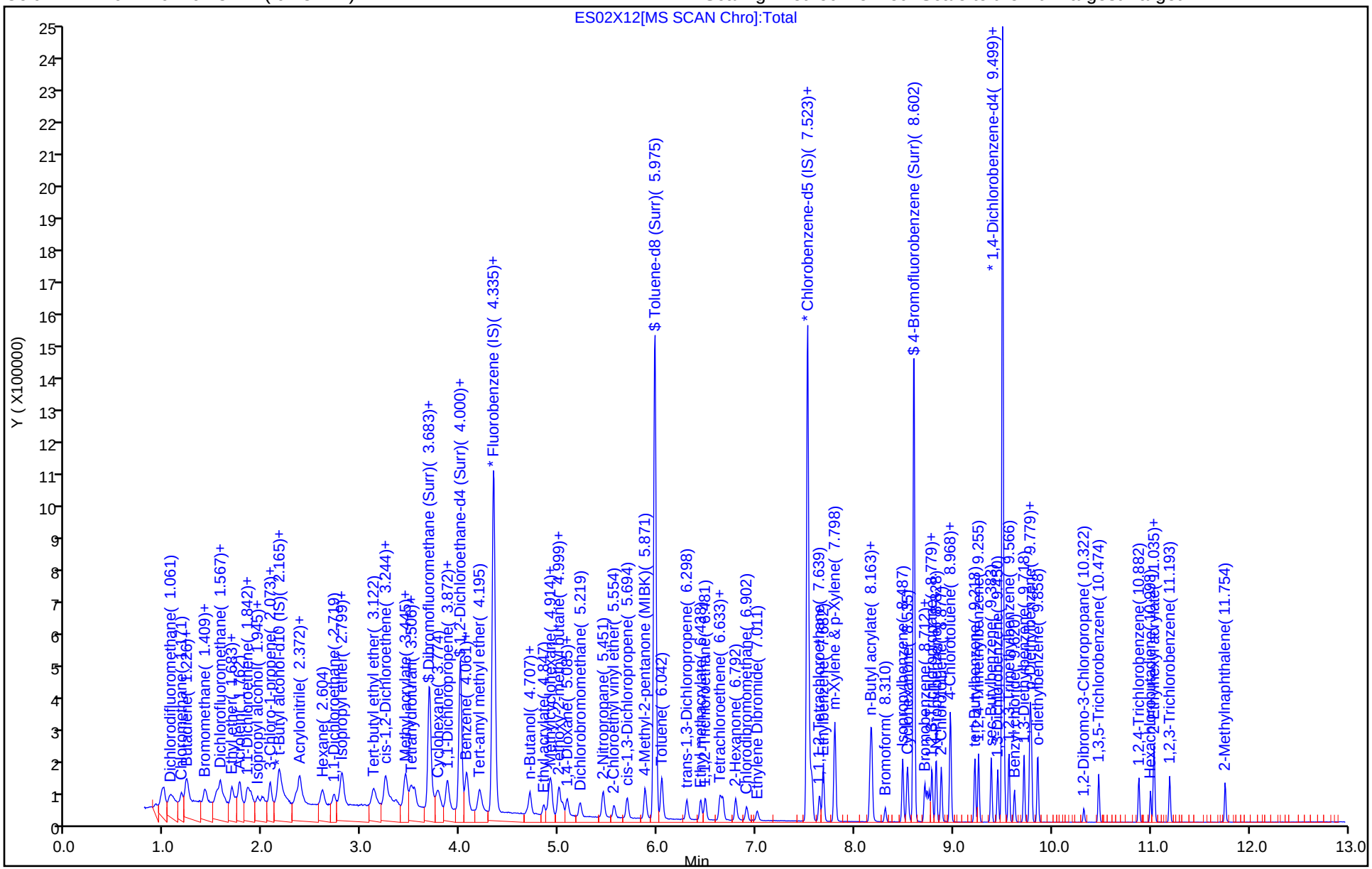
Report Date: 04-Sep-2025 10:35:47 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X12.D

Injection Date:	03-Sep-2025 03:01:30	Instrument ID:	15648	Operator ID:	gaw91131
Lims ID:	IC v4			Worklist Smp#:	13
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

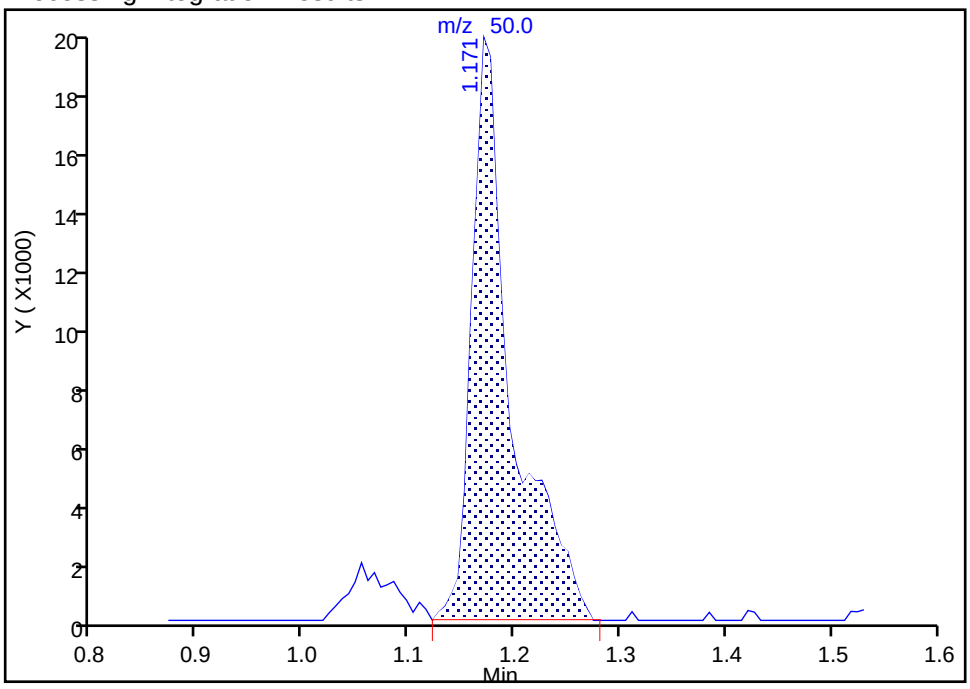
Data File:	\\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X12.D				
Injection Date:	03-Sep-2025 03:01:30	Instrument ID:	15648		
Lims ID:	IC v4				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

4 Chloromethane, CAS: 74-87-3

Signal: 1

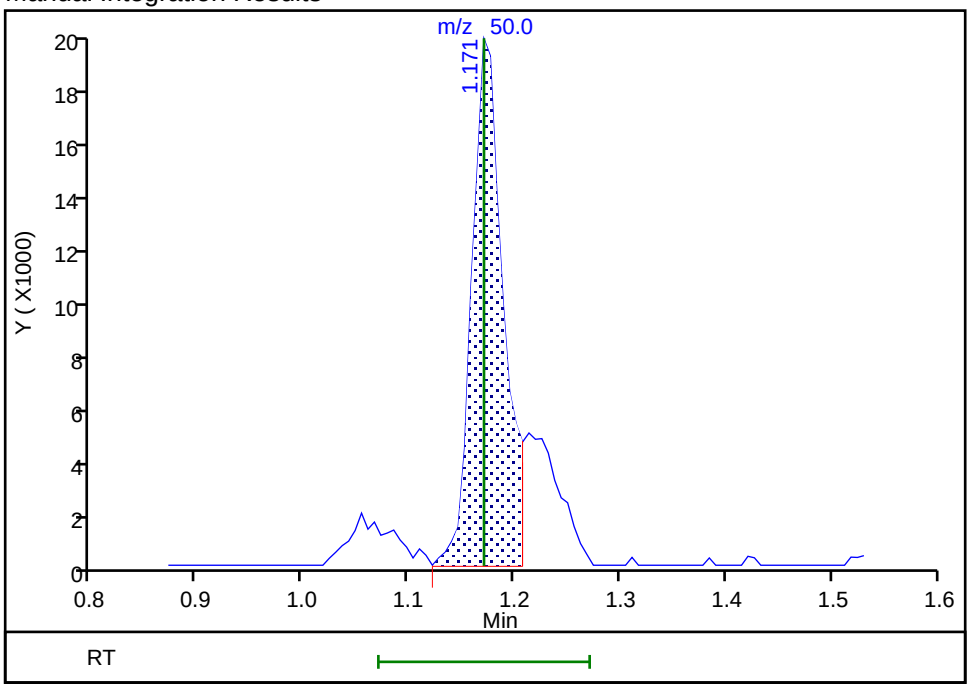
Processing Integration Results

RT: 1.17
Area: 50497
Amount: 5.086485
Amount Units: ug/l



Manual Integration Results

RT: 1.17
Area: 40020
Amount: 4.500221
Amount Units: ug/l



Reviewer: DVW2, 03-Sep-2025 07:56:35 -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

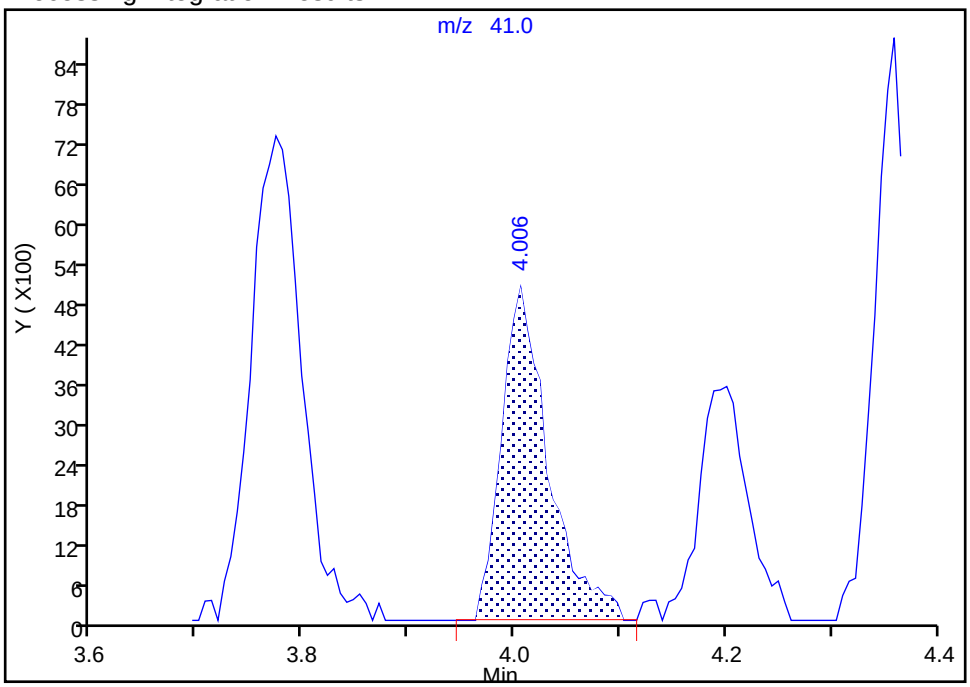
Data File:	\\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X12.D				
Injection Date:	03-Sep-2025 03:01:30	Instrument ID:	15648		
Lims ID:	IC v4				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

78 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

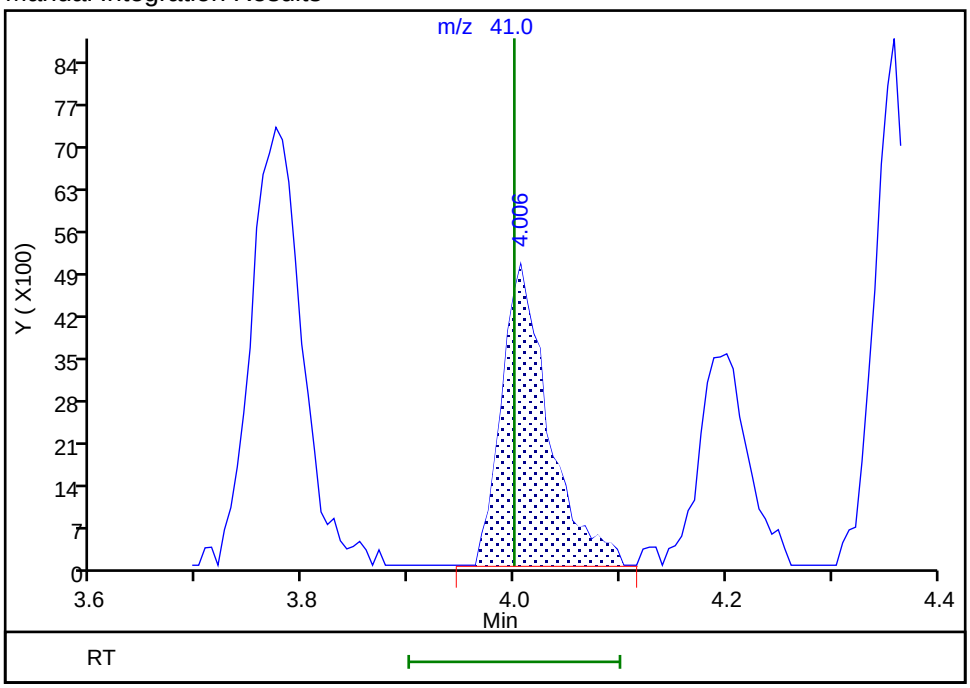
Processing Integration Results

RT: 4.01
Area: 15416
Amount: 56.385402
Amount Units: ug/l



Manual Integration Results

RT: 4.01
Area: 15416
Amount: 56.385402
Amount Units: ug/l



Reviewer: DVW2, 03-Sep-2025 08:01:26 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

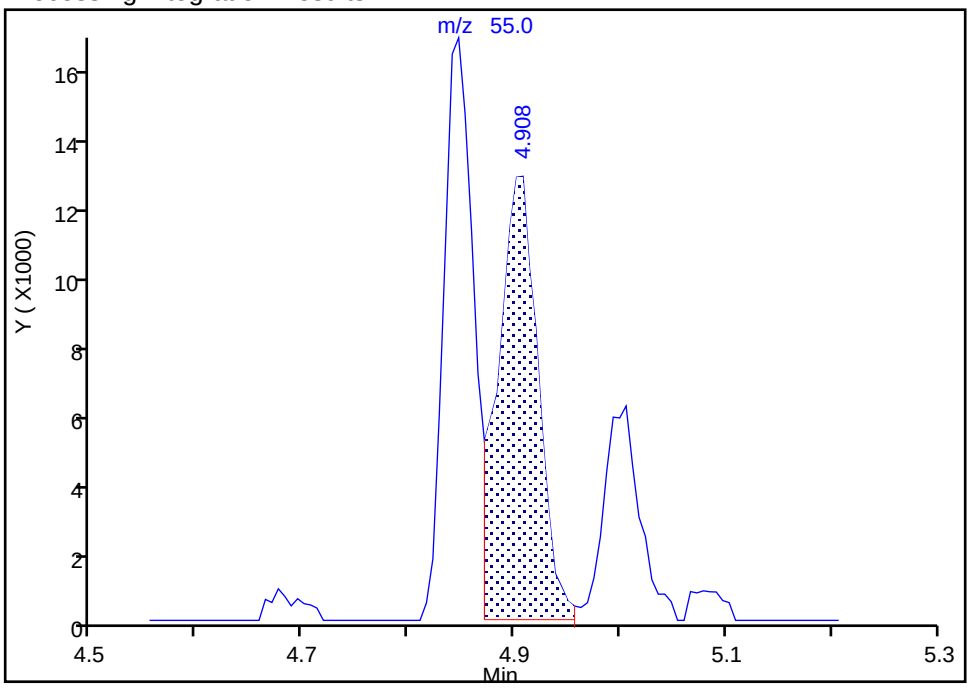
Data File:	\\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X12.D				
Injection Date:	03-Sep-2025 03:01:30	Instrument ID:	15648		
Lims ID:	IC v4				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

99 Ethyl acrylate, CAS: 140-88-5

Signal: 1

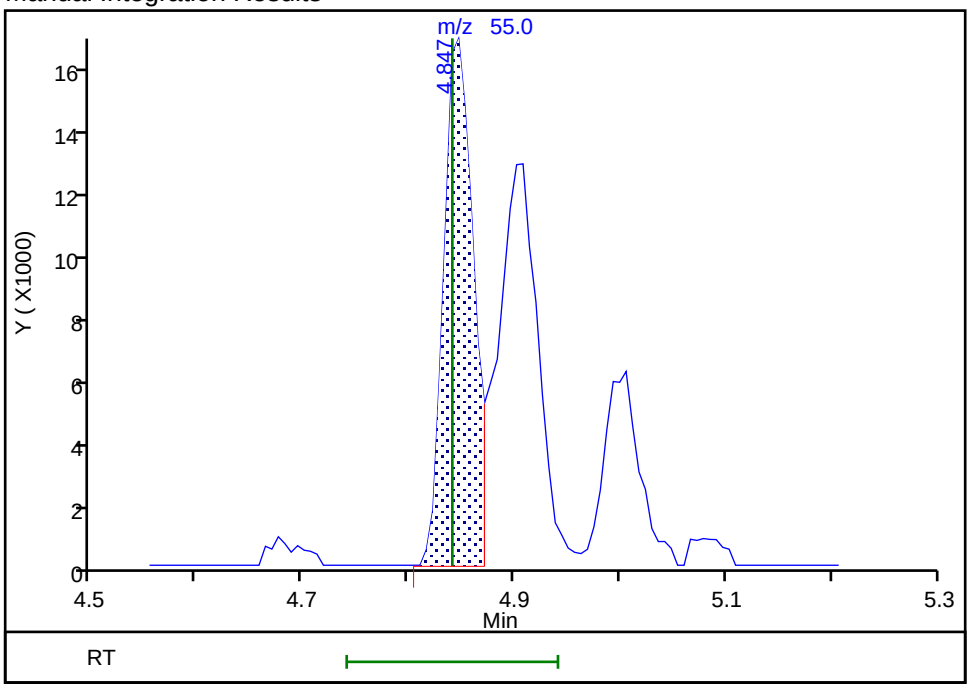
Processing Integration Results

RT: 4.91
Area: 33748
Amount: 4.438352
Amount Units: ug/l



Manual Integration Results

RT: 4.85
Area: 32528
Amount: 3.830214
Amount Units: ug/l



Reviewer: UCB5, 04-Sep-2025 10:19:35 -04:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Wrong peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X13.D
Lims ID: IC v10
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Sep-2025 03:21:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0158419-014
Misc. Info.: IC V10
Operator ID: gaw91131 Instrument ID: 15648
Sublist: chrom-MSVoa_15648*sub75

Method: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 04-Sep-2025 10:36:01 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: DVW2 Date: 03-Sep-2025 07:56:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.061	1.055	0.006	99	83546	10.0	9.83	
4 Chloromethane	50	1.171	1.171	0.000	98	92543	10.0	10.4	M
5 Butadiene	39	1.220	1.220	0.000	90	78666	10.0	9.63	
6 Vinyl chloride	62	1.226	1.226	0.000	98	79484	10.0	10.1	
8 Bromomethane	94	1.402	1.403	-0.001	92	48473	10.0	10.2	
9 Chloroethane	64	1.415	1.415	0.000	100	45905	10.0	10.2	
10 Dichlorofluoromethane	67	1.537	1.543	-0.006	98	106537	10.0	9.91	
11 Pentane	43	1.567	1.561	0.006	95	83447	10.0	8.58	
12 Trichlorofluoromethane	101	1.598	1.598	0.000	97	94194	10.0	9.76	
14 Ethyl ether	59	1.683	1.677	0.006	93	45708	10.0	9.89	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	1.713	1.714	-0.001	94	62543	10.0	9.83	
16 Acrolein	56	1.762	1.756	0.006	98	154413	97.6	93.2	
17 1,1-Dichloroethene	96	1.835	1.836	-0.001	97	38022	10.0	9.54	
18 Acetone	58	1.854	1.848	0.006	100	13970	20.0	19.5	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.878	1.872	0.006	93	39681	10.0	8.97	
20 Isopropyl alcohol	45	1.945	1.933	0.012	39	25100	50.0	52.2	
22 Iodomethane	142	1.945	1.939	0.006	98	71245	10.0	10.0	
23 Carbon disulfide	76	1.994	1.988	0.006	100	110582	10.0	9.41	
25 3-Chloro-1-propene	41	2.067	2.061	0.006	84	82914	10.0	9.85	
26 Methyl acetate	43	2.073	2.067	0.006	55	53941	10.0	8.97	
28 Methylene Chloride	84	2.158	2.153	0.005	96	47022	10.0	10.1	
* 27 t-Butyl alcohol-d10 (IS)	65	2.171	2.165	0.006	84	186751	250.0	250.0	
29 2-Methyl-2-propanol	59	2.225	2.226	-0.001	85	37764	50.0	48.8	
31 Acrylonitrile	53	2.335	2.323	0.012	98	70119	25.0	24.9	
32 trans-1,2-Dichloroethene	96	2.372	2.366	0.006	95	42905	10.0	9.68	
33 Methyl tert-butyl ether	73	2.378	2.372	0.006	97	160337	10.0	9.73	
34 Hexane	57	2.603	2.598	0.005	95	61079	10.0	8.32	
35 1,1-Dichloroethane	63	2.719	2.713	0.006	97	89483	10.0	9.88	
37 Isopropyl ether	45	2.792	2.787	0.005	92	163463	10.0	9.74	
38 2-Chloro-1,3-butadiene	53	2.798	2.799	-0.001	95	81068	10.0	9.45	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	3.116	3.122	-0.006	97	157907	10.0	9.84	
40 cis-1,2-Dichloroethene	96	3.237	3.232	0.005	85	49247	10.0	10.0	
41 2-Butanone (MEK)	43	3.244	3.238	0.006	97	67522	20.0	17.3	
42 2,2-Dichloropropane	77	3.244	3.244	0.000	77	71790	10.0	9.38	
44 Propionitrile	54	3.292	3.286	0.006	95	56777	50.0	49.8	
43 Methyl acrylate	55	3.341	3.335	0.006	99	70105	10.0	9.78	a
46 Methacrylonitrile	67	3.439	3.433	0.006	91	72864	25.0	24.6	
47 Chlorobromomethane	128	3.451	3.451	0.000	95	23268	10.0	9.72	
48 Tetrahydrofuran	71	3.493	3.488	0.005	90	47028	50.0	48.8	
49 Chloroform	83	3.536	3.530	0.006	95	84164	10.0	10.0	
$ 50 Dibromofluoromethane (Surr)	113	3.682	3.683	-0.001	93	239402	50.0	50.5	
51 1,1,1-Trichloroethane	97	3.719	3.713	0.006	97	72307	10.0	9.75	
53 Cyclohexane	56	3.774	3.768	0.006	93	78977	10.0	8.84	
58 1,1-Dichloropropene	75	3.865	3.860	0.005	91	66192	10.0	9.45	
59 Carbon tetrachloride	117	3.878	3.872	0.006	96	60978	10.0	9.48	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	3.999	3.994	0.005	85	353053	50.0	51.2	
78 Isobutyl alcohol	41	3.999	4.000	-0.001	34	33395	125.0	120.3	
84 Benzene	78	4.060	4.055	0.005	97	194073	10.0	9.72	
85 1,2-Dichloroethane	62	4.073	4.067	0.006	96	78707	10.0	9.85	
87 Tert-amyl methyl ether	73	4.195	4.195	0.000	96	146832	10.0	9.74	
* 88 Fluorobenzene (IS)	96	4.335	4.335	0.000	98	1000636	50.0	50.0	
89 n-Heptane	43	4.353	4.353	0.000	93	58233	10.0	8.12	
96 n-Butanol	56	4.670	4.664	0.006	90	21005	125.0	118.3	
97 Trichloroethene	95	4.707	4.701	0.006	96	48639	10.0	9.80	
99 Ethyl acrylate	55	4.841	4.841	0.000	98	82878	10.0	9.78	M
98 Methylcyclohexane	83	4.902	4.902	0.000	92	73535	10.0	8.34	
100 1,2-Dichloropropane	63	4.920	4.920	0.000	93	52700	10.0	9.71	
101 2-ethoxy-2-methyl butane	87	4.999	5.000	-0.001	91	72602	10.0	9.63	
102 Dibromomethane	93	5.036	5.036	0.000	96	32305	10.0	9.81	
103 1,4-Dioxane	88	5.085	5.073	0.012	31	7740	125.0	129.5	
104 Methyl methacrylate	69	5.085	5.079	0.006	90	44467	10.0	9.54	
106 Dichlorobromomethane	83	5.213	5.213	0.000	98	66420	10.0	9.95	
107 2-Nitropropane	41	5.450	5.445	0.005	99	123146	50.0	48.1	
108 2-Chloroethyl vinyl ether	63	5.560	5.554	0.006	93	40239	10.0	9.63	
109 cis-1,3-Dichloropropene	75	5.688	5.688	0.000	91	79991	10.0	9.55	
110 4-Methyl-2-pentanone (MIBK)	43	5.871	5.871	0.000	98	148041	20.0	18.9	
$ 111 Toluene-d8 (Surr)	98	5.975	5.969	0.006	94	1037119	50.0	49.9	
112 Toluene	92	6.042	6.042	0.000	97	120554	10.0	9.48	
S 113 1,2-Dichloroethene, Total	100				0			19.7	
114 trans-1,3-Dichloropropene	75	6.292	6.292	0.000	98	75058	10.0	9.39	
115 Ethyl methacrylate	69	6.438	6.432	0.006	90	74795	10.0	9.35	
116 1,1,2-Trichloroethane	97	6.481	6.481	0.000	92	47503	10.0	10.0	
117 Tetrachloroethene	166	6.633	6.633	0.000	95	47958	10.0	9.55	
119 1,3-Dichloropropane	76	6.657	6.658	-0.001	96	82456	10.0	9.64	
121 2-Hexanone	43	6.792	6.786	0.006	98	105037	20.0	18.2	
122 Chlorodibromomethane	129	6.901	6.902	-0.001	90	51139	10.0	9.74	
124 Ethylene Dibromide	107	7.011	7.005	0.006	100	47842	10.0	9.69	
* 126 Chlorobenzene-d5 (IS)	117	7.523	7.523	0.000	88	737252	50.0	50.0	
127 Chlorobenzene	112	7.548	7.548	0.000	93	131547	10.0	9.55	
128 1-Chlorohexane	91	7.566	7.566	0.000	93	56418	10.0	8.82	
129 1,1,1,2-Tetrachloroethane	131	7.645	7.639	0.006	94	43162	10.0	9.43	
130 Ethylbenzene	91	7.682	7.676	0.006	99	226563	10.0	9.41	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
132 m-Xylene & p-Xylene	106	7.798	7.798	0.000	99	175953	20.0	19.0	
133 o-Xylene	106	8.157	8.157	0.000	98	85881	10.0	9.53	
134 n-Butyl acrylate	55	8.169	8.170	-0.001	85	112321	10.0	9.31	
135 Styrene	104	8.169	8.170	-0.001	95	146385	10.0	9.56	
136 Bromoform	173	8.310	8.310	0.000	94	36993	10.0	9.64	
137 Isopropylbenzene	105	8.486	8.487	-0.001	96	211022	10.0	9.23	
138 Cyclohexanone	55	8.535	8.535	0.000	95	70320	250.0	246.4	
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	87	381282	50.0	49.7	
142 Bromobenzene	156	8.712	8.712	0.000	97	55897	10.0	9.97	
143 1,1,2,2-Tetrachloroethane	83	8.730	8.731	-0.001	95	75350	10.0	9.76	
144 1,2,3-Trichloropropane	110	8.755	8.755	0.000	87	22466	10.0	9.80	
145 trans-1,4-Dichloro-2-butene	53	8.779	8.779	0.000	91	66612	25.0	23.6	
146 N-Propylbenzene	91	8.822	8.822	0.000	99	254577	10.0	9.32	
147 2-Chlorotoluene	126	8.877	8.877	0.000	95	51667	10.0	9.70	
148 4-Chlorotoluene	126	8.968	8.968	0.000	99	53386	10.0	9.55	
149 1,3,5-Trimethylbenzene	105	8.974	8.974	0.000	94	179436	10.0	9.45	
152 tert-Butylbenzene	134	9.218	9.218	0.000	94	35632	10.0	9.14	
153 1,2,4-Trimethylbenzene	105	9.255	9.255	0.000	99	185123	10.0	9.40	
154 sec-Butylbenzene	105	9.383	9.383	0.000	95	210168	10.0	9.05	
155 1,3-Dichlorobenzene	146	9.450	9.450	0.000	97	99112	10.0	9.55	
* 157 1,4-Dichlorobenzene-d4	152	9.498	9.499	-0.001	97	404479	50.0	50.0	
156 4-Isopropyltoluene	119	9.498	9.499	-0.001	67	186601	10.0	9.10	
159 1,4-Dichlorobenzene	146	9.517	9.517	0.000	94	103955	10.0	9.54	
160 1,2,3-Trimethylbenzene	105	9.565	9.566	-0.001	99	193475	10.0	9.59	
161 Benzyl chloride	91	9.620	9.621	-0.001	99	126982	10.0	9.20	
162 1,3-Diethylbenzene	119	9.718	9.718	0.000	95	100077	10.0	8.97	
163 p-Diethylbenzene	119	9.773	9.773	0.000	94	110169	10.0	8.93	
164 1,2-Dichlorobenzene	146	9.785	9.785	0.000	95	99895	10.0	9.51	
165 n-Butylbenzene	92	9.791	9.791	0.000	97	87107	10.0	8.85	
166 o-diethylbenzene	119	9.858	9.858	0.000	95	93109	10.0	9.26	
S 168 1,3-Dichloropropene, Total	100				0			18.9	
169 1,2-Dibromo-3-Chloropropane	75	10.321	10.322	-0.001	86	17904	10.0	9.68	
170 1,3,5-Trichlorobenzene	180	10.474	10.474	0.000	96	67147	10.0	9.18	
171 1,2,4-Trichlorobenzene	180	10.882	10.883	-0.001	94	64056	10.0	9.26	
172 Hexachlorobutadiene	225	10.998	10.998	0.000	98	26446	10.0	9.03	
173 2-Ethylhexyl acrylate	55	11.029	11.029	0.000	85	56660	10.0	8.08	
174 Naphthalene	128	11.035	11.035	0.000	97	227713	10.0	9.70	
175 1,2,3-Trichlorobenzene	180	11.193	11.193	0.000	94	63389	10.0	9.24	
S 176 Xylenes, Total	106				0			28.5	
177 2-Methylnaphthalene	142	11.754	11.754	0.000	92	96804	10.0	9.28	
S 193 Total Diethylbenzene	1				0			27.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#3_00253	Amount Added:	1.60	Units: uL	
MSV_CCV_2CEVE_00243	Amount Added:	2.00	Units: uL	
MSV_CCV_GASES_01095	Amount Added:	1.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added:	8.00	Units: uL	
MSV_CCV_OH_Sp_00025	Amount Added:	2.00	Units: uL	
MSV_CCV_EE_00009	Amount Added:	2.00	Units: uL	
MSV_CCV_VOC#1_00251	Amount Added:	2.00	Units: uL	
MSV_Cent_ISSS_00038	Amount Added:	5.00	Units: uL	Run Reagent

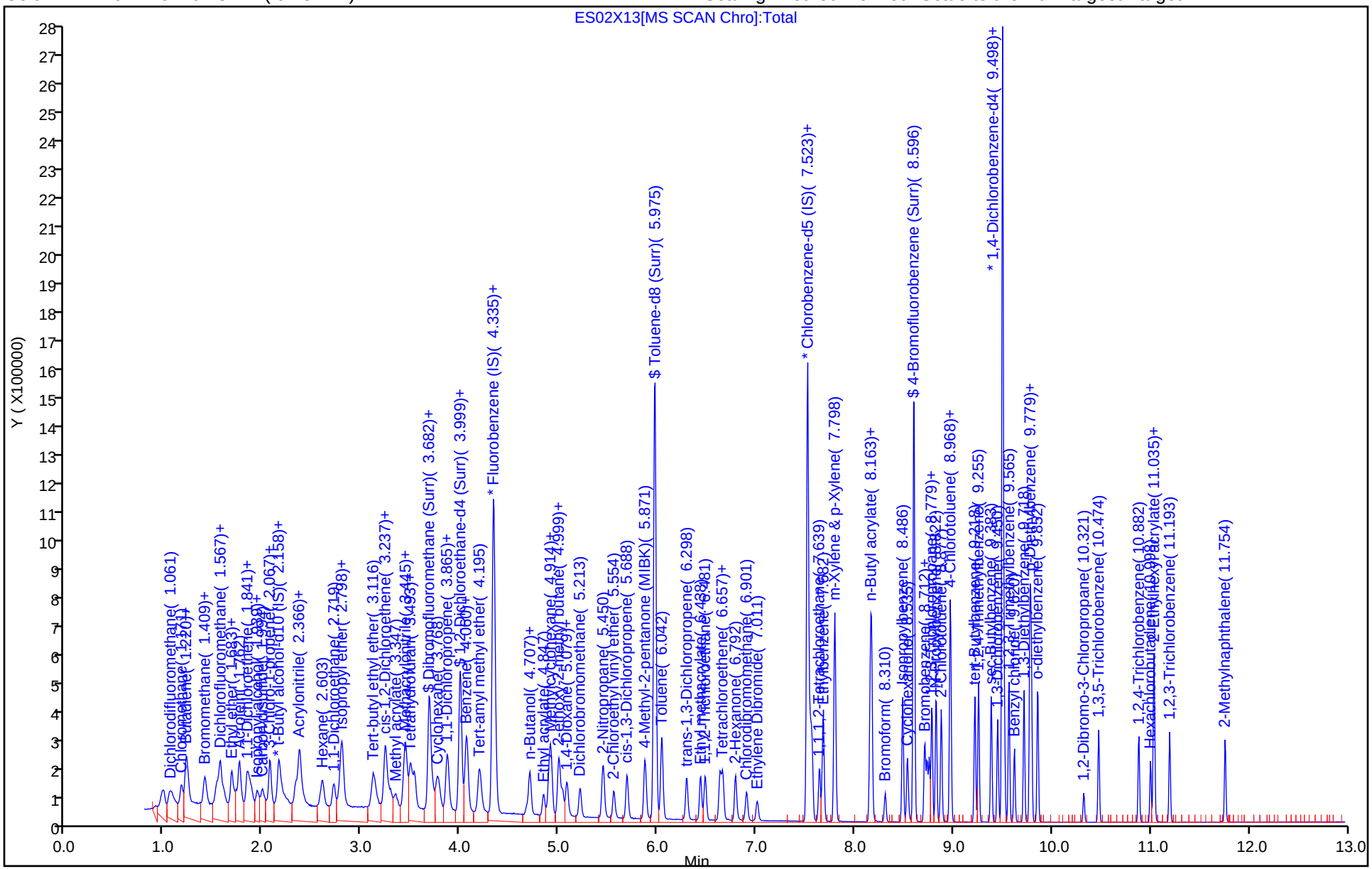
Report Date: 04-Sep-2025 10:36:02 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X13.D

Injection Date:	03-Sep-2025 03:21:30	Instrument ID:	15648	Operator ID:	gaw91131
Lims ID:	IC v10			Worklist Smp#:	14
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

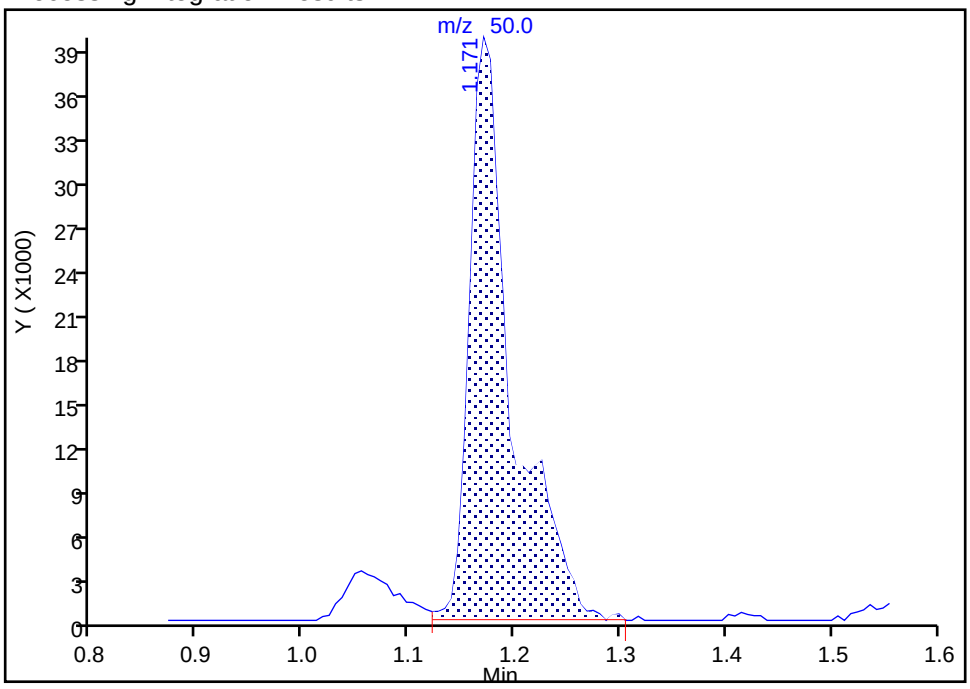
Data File:	\\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X13.D				
Injection Date:	03-Sep-2025 03:21:30	Instrument ID:	15648		
Lims ID:	IC v10				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

4 Chloromethane, CAS: 74-87-3

Signal: 1

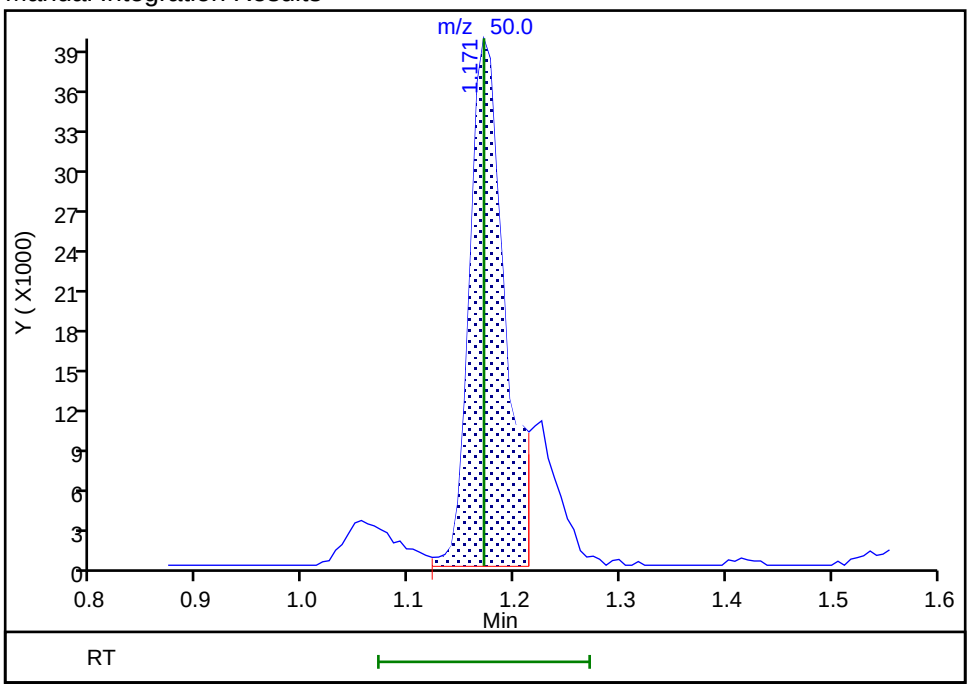
Processing Integration Results

RT: 1.17
Area: 111174
Amount: 11.342046
Amount Units: ug/l



Manual Integration Results

RT: 1.17
Area: 92543
Amount: 10.433353
Amount Units: ug/l



Reviewer: DVW2, 03-Sep-2025 07:56:10 -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

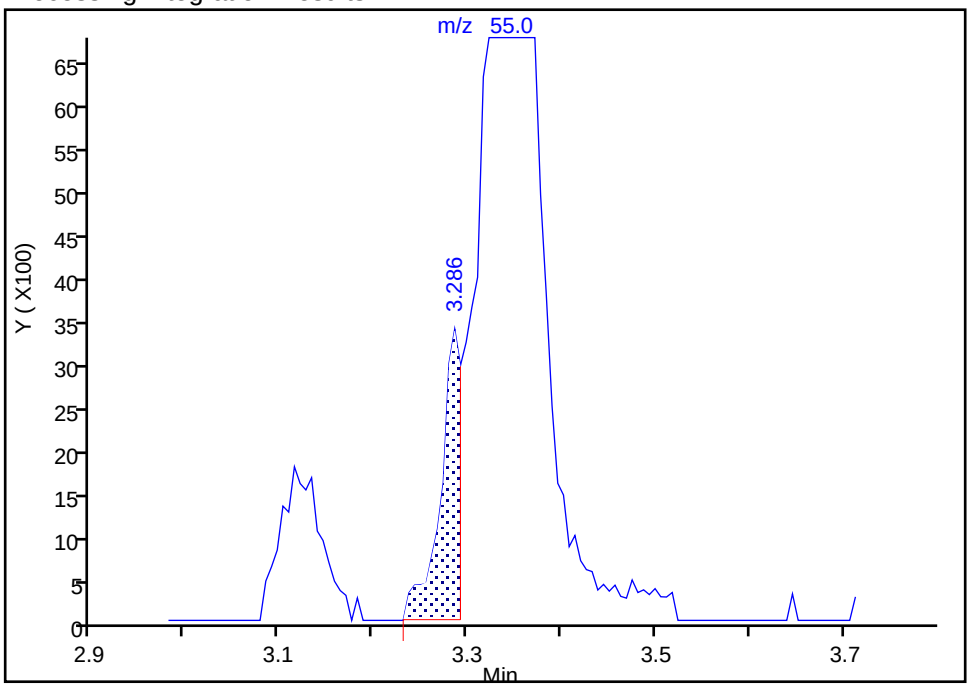
Data File:	\\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X13.D				
Injection Date:	03-Sep-2025 03:21:30	Instrument ID:	15648		
Lims ID:	IC v10				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

43 Methyl acrylate, CAS: 96-33-3

Signal: 1

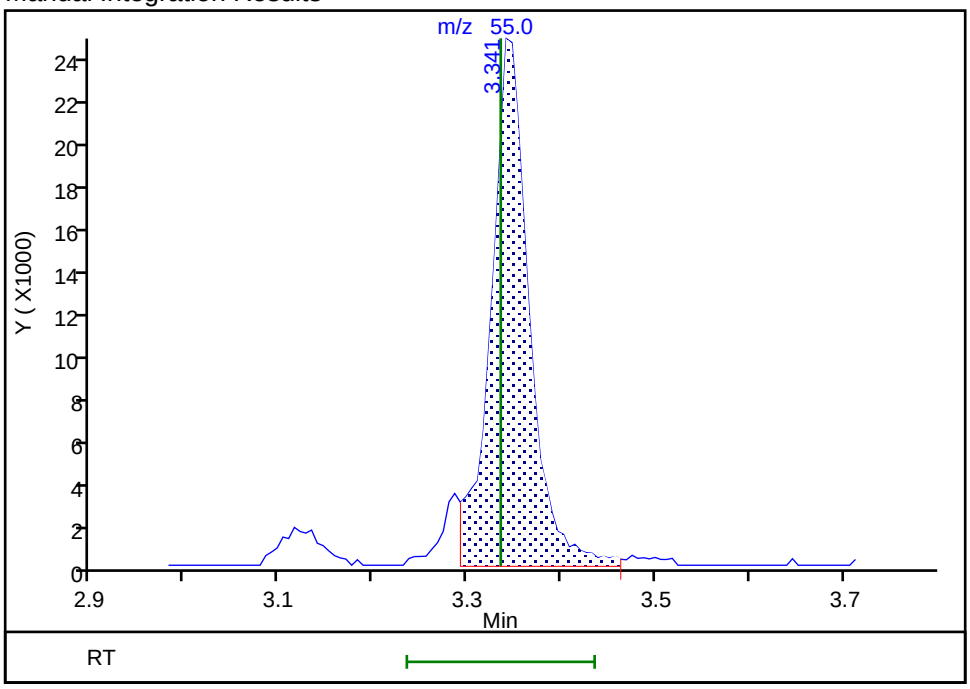
Processing Integration Results

RT: 3.29
Area: 5213
Amount: 0.834773
Amount Units: ug/l



Manual Integration Results

RT: 3.34
Area: 70105
Amount: 9.775391
Amount Units: ug/l



Reviewer: DVW2, 03-Sep-2025 08:05:14 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

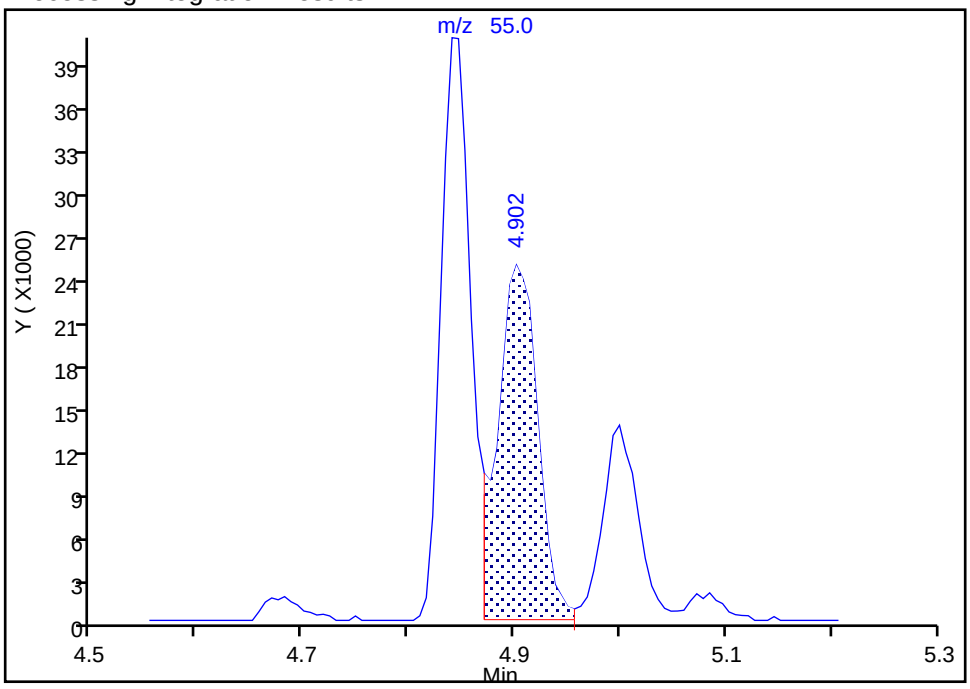
Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X13.D
Injection Date: 03-Sep-2025 03:21:30 Instrument ID: 15648
Lims ID: IC v10
Client ID:
Operator ID: gaw91131 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15648 Limit Group: MSV - 8260C_D
Column: DB-624 20m 0.18mm (0.18 mm) Detector MS Quad

99 Ethyl acrylate, CAS: 140-88-5

Signal: 1

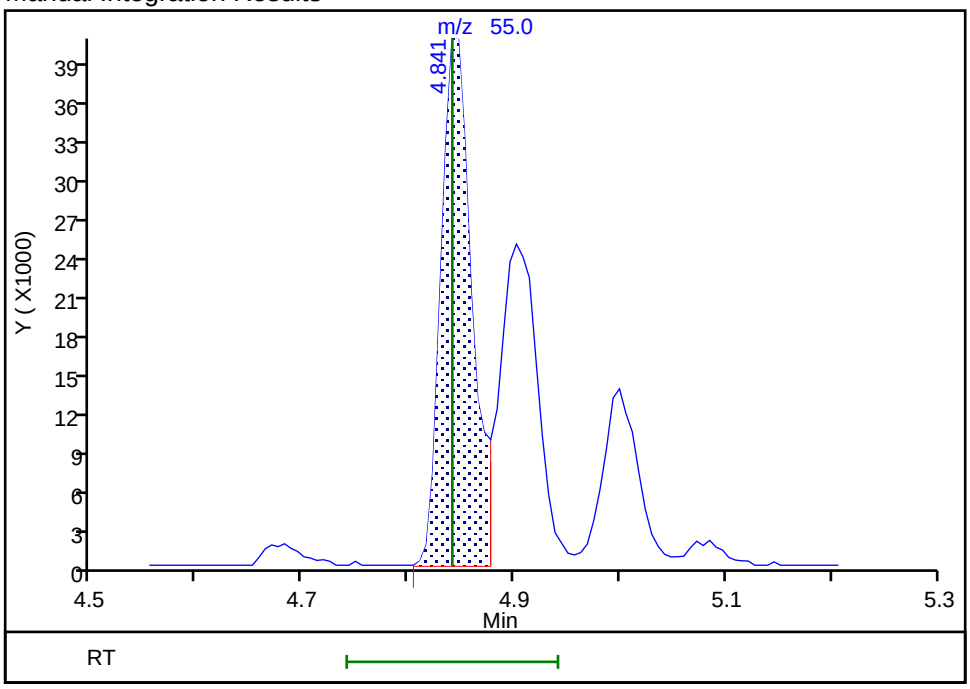
Processing Integration Results

RT: 4.90
Area: 65782
Amount: 8.723663
Amount Units: ug/l



Manual Integration Results

RT: 4.84
Area: 82878
Amount: 9.784271
Amount Units: ug/l



Reviewer: UCB5, 04-Sep-2025 10:20:41 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Wrong peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X14.D
Lims ID: IC v20
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 03-Sep-2025 03:41:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0158419-015
Misc. Info.: IC V20
Operator ID: gaw91131 Instrument ID: 15648
Sublist: chrom-MSVoa_15648*sub75

Method: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 04-Sep-2025 10:36:17 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: DVW2 Date: 03-Sep-2025 07:55:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.055	1.055	0.000	99	162250	20.0	18.7	
4 Chloromethane	50	1.171	1.171	0.000	98	164412	20.0	18.1	M
5 Butadiene	39	1.220	1.220	0.000	91	148355	20.0	17.8	
6 Vinyl chloride	62	1.226	1.226	0.000	98	153280	20.0	19.0	
8 Bromomethane	94	1.403	1.403	0.000	91	92643	20.0	19.0	
9 Chloroethane	64	1.421	1.421	0.000	100	85038	20.0	18.6	
10 Dichlorofluoromethane	67	1.537	1.537	0.000	97	205778	20.0	18.7	
11 Pentane	43	1.567	1.567	0.000	96	196449	20.0	19.8	
12 Trichlorofluoromethane	101	1.598	1.598	0.000	98	183213	20.0	18.6	
14 Ethyl ether	59	1.677	1.677	0.000	94	98243	20.0	20.8	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	1.714	1.714	0.000	94	118763	20.0	18.3	
16 Acrolein	56	1.756	1.756	0.000	98	313734	195.2	189.6	
17 1,1-Dichloroethene	96	1.835	1.835	0.000	95	85735	20.0	21.1	
18 Acetone	58	1.848	1.848	0.000	98	27031	40.0	37.7	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.872	1.872	0.000	94	95314	20.0	21.1	
20 Isopropyl alcohol	45	1.933	1.933	0.000	46	47940	100.0	99.7	
22 Iodomethane	142	1.939	1.939	0.000	99	151682	20.0	20.9	
23 Carbon disulfide	76	1.988	1.988	0.000	100	253702	20.0	21.1	
25 3-Chloro-1-propene	41	2.067	2.067	0.000	85	174581	20.0	20.3	
26 Methyl acetate	43	2.073	2.073	0.000	98	116244	20.0	18.9	
28 Methylene Chloride	84	2.159	2.159	0.000	96	98894	20.0	20.8	
* 27 t-Butyl alcohol-d10 (IS)	65	2.165	2.165	0.000	91	186634	250.0	250.0	
29 2-Methyl-2-propanol	59	2.220	2.220	0.000	98	78991	100.0	102.1	
31 Acrylonitrile	53	2.329	2.329	0.000	99	147560	50.0	51.3	
32 trans-1,2-Dichloroethene	96	2.366	2.366	0.000	95	95281	20.0	21.0	
33 Methyl tert-butyl ether	73	2.378	2.378	0.000	97	343385	20.0	20.4	
34 Hexane	57	2.598	2.598	0.000	96	155539	20.0	20.7	
35 1,1-Dichloroethane	63	2.713	2.713	0.000	97	192247	20.0	20.8	
37 Isopropyl ether	45	2.787	2.787	0.000	91	347761	20.0	20.3	
38 2-Chloro-1,3-butadiene	53	2.799	2.799	0.000	95	183395	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	3.122	3.122	0.000	97	335894	20.0	20.5	
40 cis-1,2-Dichloroethene	96	3.238	3.238	0.000	85	104888	20.0	20.9	
41 2-Butanone (MEK)	43	3.238	3.238	0.000	97	144060	40.0	36.1	
42 2,2-Dichloropropane	77	3.250	3.250	0.000	89	162413	20.0	20.8	
44 Propionitrile	54	3.293	3.293	0.000	96	116392	100.0	102.2	
43 Methyl acrylate	55	3.341	3.341	0.000	99	141137	20.0	19.3	
46 Methacrylonitrile	67	3.433	3.433	0.000	91	153872	50.0	50.9	
47 Chlorobromomethane	128	3.451	3.451	0.000	97	52058	20.0	21.3	
48 Tetrahydrofuran	71	3.494	3.494	0.000	91	96691	100.0	100.4	
49 Chloroform	83	3.536	3.536	0.000	95	178055	20.0	20.7	
$ 50 Dibromofluoromethane (Surr)	113	3.683	3.683	0.000	93	245430	50.0	50.7	
51 1,1,1-Trichloroethane	97	3.719	3.719	0.000	98	159901	20.0	21.1	
53 Cyclohexane	56	3.774	3.774	0.000	94	192300	20.0	21.1	
58 1,1-Dichloropropene	75	3.866	3.866	0.000	93	151475	20.0	21.2	
59 Carbon tetrachloride	117	3.872	3.872	0.000	97	138404	20.0	21.1	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	4.000	4.000	0.000	89	354826	50.0	50.4	
78 Isobutyl alcohol	41	4.006	4.006	0.000	44	63191	250.0	227.7	
84 Benzene	78	4.055	4.055	0.000	97	422609	20.0	20.7	
85 1,2-Dichloroethane	62	4.067	4.067	0.000	94	165796	20.0	20.3	
87 Tert-amyl methyl ether	73	4.195	4.195	0.000	97	318550	20.0	20.7	
* 88 Fluorobenzene (IS)	96	4.335	4.335	0.000	98	1021991	50.0	50.0	
89 n-Heptane	43	4.353	4.353	0.000	93	148237	20.0	20.2	
96 n-Butanol	56	4.670	4.670	0.000	94	43629	250.0	245.9	
97 Trichloroethene	95	4.701	4.701	0.000	97	105046	20.0	20.7	
99 Ethyl acrylate	55	4.841	4.841	0.000	98	176134	20.0	20.4	M
98 Methylcyclohexane	83	4.902	4.902	0.000	91	188938	20.0	21.0	
100 1,2-Dichloropropane	63	4.920	4.920	0.000	92	113251	20.0	20.4	
101 2-ethoxy-2-methyl butane	87	4.999	4.999	0.000	92	157101	20.0	20.4	
102 Dibromomethane	93	5.036	5.036	0.000	95	69498	20.0	20.7	
103 1,4-Dioxane	88	5.073	5.073	0.000	30	14697	250.0	246.1	
104 Methyl methacrylate	69	5.079	5.079	0.000	91	99247	20.0	20.8	
106 Dichlorobromomethane	83	5.213	5.213	0.000	98	141990	20.0	20.8	
107 2-Nitropropane	41	5.445	5.445	0.000	99	260805	100.0	101.9	
108 2-Chloroethyl vinyl ether	63	5.554	5.554	0.000	93	87134	20.0	20.4	
109 cis-1,3-Dichloropropene	75	5.688	5.688	0.000	92	178824	20.0	20.9	
110 4-Methyl-2-pentanone (MIBK)	43	5.871	5.871	0.000	98	309123	40.0	38.7	
$ 111 Toluene-d8 (Surr)	98	5.975	5.975	0.000	95	1059144	50.0	50.3	
112 Toluene	92	6.042	6.042	0.000	98	268470	20.0	20.8	
S 113 1,2-Dichloroethene, Total	100				0			42.0	
114 trans-1,3-Dichloropropene	75	6.292	6.292	0.000	98	164808	20.0	20.3	
115 Ethyl methacrylate	69	6.432	6.432	0.000	90	163921	20.0	20.2	
116 1,1,2-Trichloroethane	97	6.481	6.481	0.000	92	98266	20.0	20.5	
117 Tetrachloroethene	166	6.633	6.633	0.000	95	107572	20.0	21.1	
119 1,3-Dichloropropane	76	6.658	6.658	0.000	95	177477	20.0	20.5	
121 2-Hexanone	43	6.792	6.792	0.000	98	226602	40.0	38.7	
122 Chlorodibromomethane	129	6.902	6.902	0.000	91	109528	20.0	20.6	
124 Ethylene Dibromide	107	7.011	7.011	0.000	98	102116	20.0	20.4	
* 126 Chlorobenzene-d5 (IS)	117	7.523	7.523	0.000	88	747368	50.0	50.0	
127 Chlorobenzene	112	7.548	7.548	0.000	93	289634	20.0	20.8	
128 1-Chlorohexane	91	7.566	7.566	0.000	94	136792	20.0	21.1	
129 1,1,1,2-Tetrachloroethane	131	7.645	7.645	0.000	94	97570	20.0	21.0	
130 Ethylbenzene	91	7.682	7.682	0.000	99	507966	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
132 m-Xylene & p-Xylene	106	7.798	7.798	0.000	99	398165	40.0	42.4	
133 o-Xylene	106	8.157	8.157	0.000	98	191971	20.0	21.0	
134 n-Butyl acrylate	55	8.170	8.170	0.000	83	246490	20.0	20.2	
135 Styrene	104	8.170	8.170	0.000	95	330026	20.0	21.3	
136 Bromoform	173	8.310	8.310	0.000	95	77930	20.0	20.0	
137 Isopropylbenzene	105	8.487	8.487	0.000	96	486740	20.0	21.0	
138 Cyclohexanone	55	8.535	8.535	0.000	94	146618	500.0	514.1	
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	87	395176	50.0	50.8	
142 Bromobenzene	156	8.712	8.712	0.000	96	119625	20.0	20.6	
143 1,1,2,2-Tetrachloroethane	83	8.730	8.730	0.000	95	160596	20.0	20.1	
144 1,2,3-Trichloropropane	110	8.755	8.755	0.000	86	47387	20.0	20.0	
145 trans-1,4-Dichloro-2-butene	53	8.779	8.779	0.000	93	148171	50.0	50.8	
146 N-Propylbenzene	91	8.822	8.822	0.000	99	588067	20.0	20.8	
147 2-Chlorotoluene	126	8.877	8.877	0.000	95	115122	20.0	20.9	
148 4-Chlorotoluene	126	8.968	8.968	0.000	99	118611	20.0	20.5	
149 1,3,5-Trimethylbenzene	105	8.974	8.974	0.000	94	409471	20.0	20.8	
152 tert-Butylbenzene	134	9.218	9.218	0.000	94	83188	20.0	20.6	
153 1,2,4-Trimethylbenzene	105	9.255	9.255	0.000	98	430034	20.0	21.1	
154 sec-Butylbenzene	105	9.383	9.383	0.000	95	499798	20.0	20.8	
155 1,3-Dichlorobenzene	146	9.450	9.450	0.000	98	220638	20.0	20.6	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	97	418281	50.0	50.0	
156 4-Isopropyltoluene	119	9.499	9.499	0.000	81	443395	20.0	20.9	
159 1,4-Dichlorobenzene	146	9.517	9.517	0.000	94	225952	20.0	20.1	
160 1,2,3-Trimethylbenzene	105	9.566	9.566	0.000	99	438297	20.0	21.0	
161 Benzyl chloride	91	9.621	9.621	0.000	99	285692	20.0	20.0	
162 1,3-Diethylbenzene	119	9.718	9.718	0.000	95	242196	20.0	21.0	
163 p-Diethylbenzene	119	9.773	9.773	0.000	95	263323	20.0	20.6	
164 1,2-Dichlorobenzene	146	9.779	9.779	0.000	96	220955	20.0	20.3	
165 n-Butylbenzene	92	9.791	9.791	0.000	98	212441	20.0	20.9	
166 o-diethylbenzene	119	9.858	9.858	0.000	96	217946	20.0	21.0	
S 168 1,3-Dichloropropene, Total	100				0			41.2	
169 1,2-Dibromo-3-Chloropropane	75	10.322	10.322	0.000	78	38453	20.0	20.1	
170 1,3,5-Trichlorobenzene	180	10.474	10.474	0.000	96	158419	20.0	21.0	
171 1,2,4-Trichlorobenzene	180	10.882	10.882	0.000	93	147734	20.0	20.6	
172 Hexachlorobutadiene	225	10.998	10.998	0.000	97	62639	20.0	20.7	
173 2-Ethylhexyl acrylate	55	11.029	11.029	0.000	85	133200	20.0	18.4	
174 Naphthalene	128	11.035	11.035	0.000	98	505536	20.0	20.8	a
175 1,2,3-Trichlorobenzene	180	11.193	11.193	0.000	95	144230	20.0	20.3	
S 176 Xylenes, Total	106				0			63.4	
177 2-Methylnaphthalene	142	11.754	11.754	0.000	93	230259	20.0	21.3	
S 193 Total Diethylbenzene	1				0			62.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#3_00253	Amount Added:	3.20	Units: uL	
MSV_CCV_2CEVE_00243	Amount Added:	4.00	Units: uL	
MSV_CCV_GASES_01095	Amount Added:	2.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added:	16.00	Units: uL	
MSV_CCV_OH_Sp_00025	Amount Added:	4.00	Units: uL	
MSV_CCV_EE_00009	Amount Added:	4.00	Units: uL	
MSV_CCV_VOC#1_00251	Amount Added:	4.00	Units: uL	
MSV_Cent_ISSS_00038	Amount Added:	5.00	Units: uL	Run Reagent

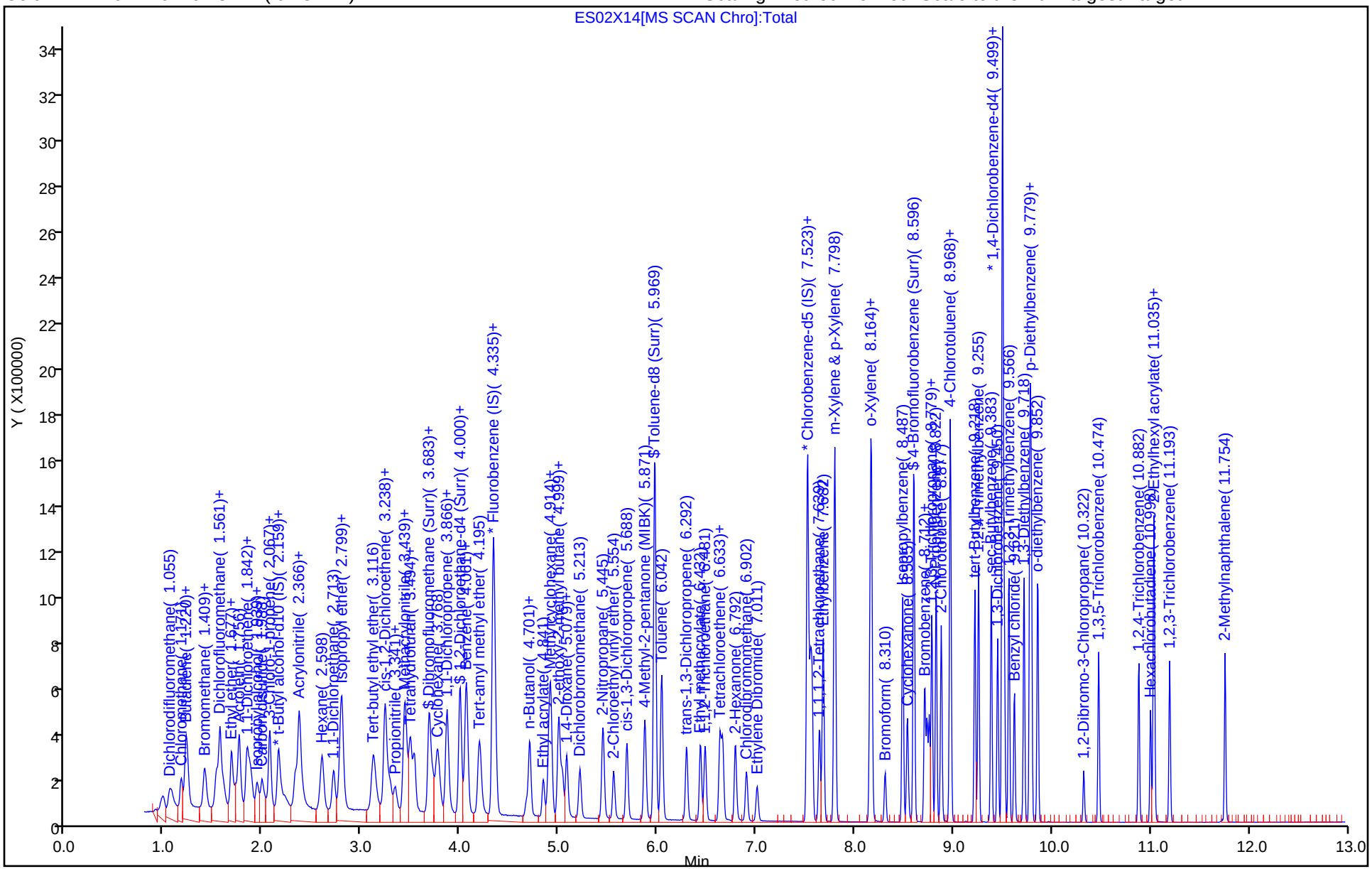
Report Date: 04-Sep-2025 10:36:19 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X14.D

Injection Date:	03-Sep-2025 03:41:30	Instrument ID:	15648	Operator ID:	gaw91131
Lims ID:	IC v20			Worklist Smp#:	15
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

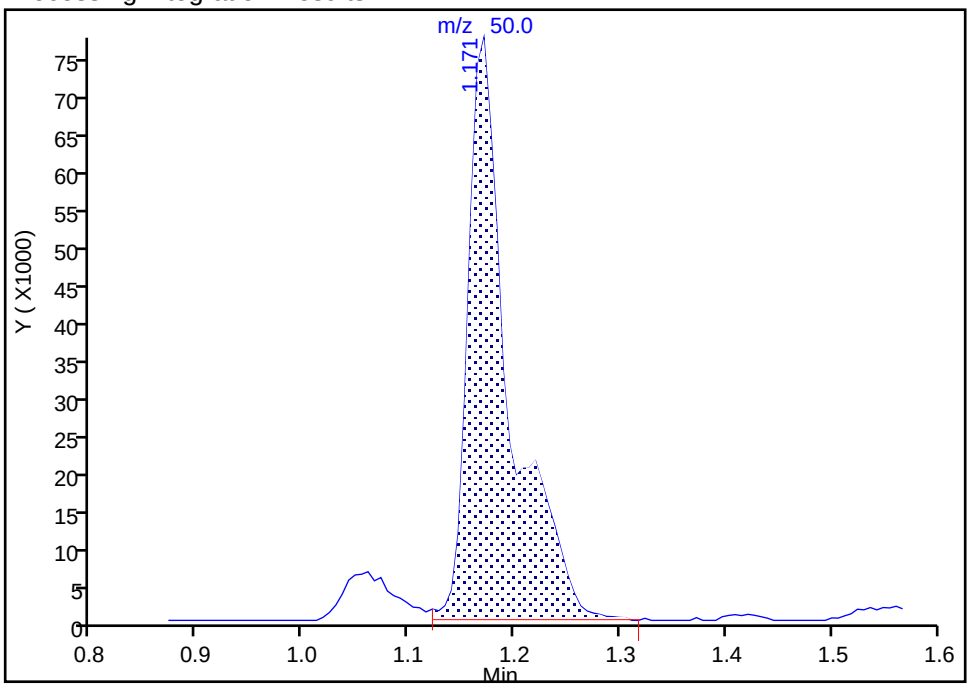
Data File:	\\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X14.D				
Injection Date:	03-Sep-2025 03:41:30	Instrument ID:	15648		
Lims ID:	IC v20				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

4 Chloromethane, CAS: 74-87-3

Signal: 1

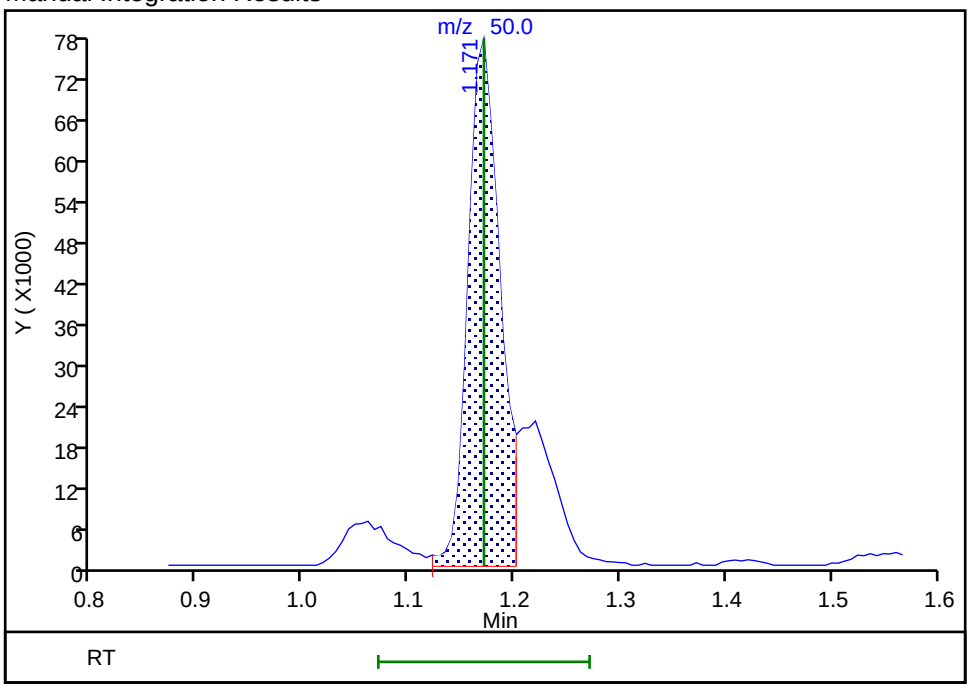
Processing Integration Results

RT: 1.17
Area: 213233
Amount: 20.582646
Amount Units: ug/l



Manual Integration Results

RT: 1.17
Area: 164412
Amount: 18.148590
Amount Units: ug/l



Reviewer: DVW2, 03-Sep-2025 07:55:53 -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

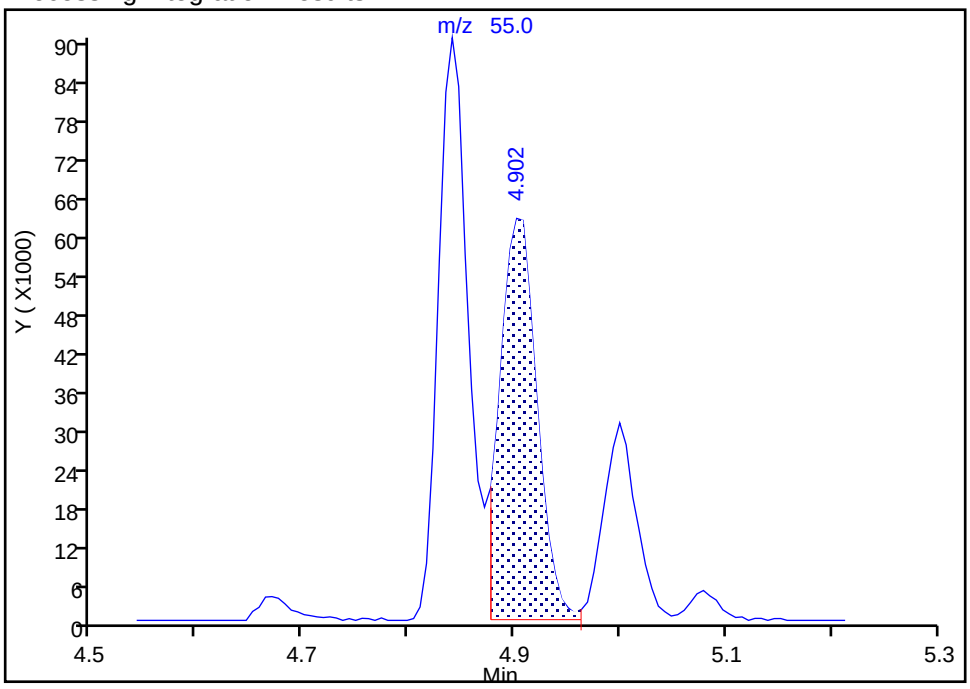
Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X14.D
Injection Date: 03-Sep-2025 03:41:30 Instrument ID: 15648
Lims ID: IC v20
Client ID:
Operator ID: gaw91131 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15648 Limit Group: MSV - 8260C_D
Column: DB-624 20m 0.18mm (0.18 mm) Detector MS Quad

99 Ethyl acrylate, CAS: 140-88-5

Signal: 1

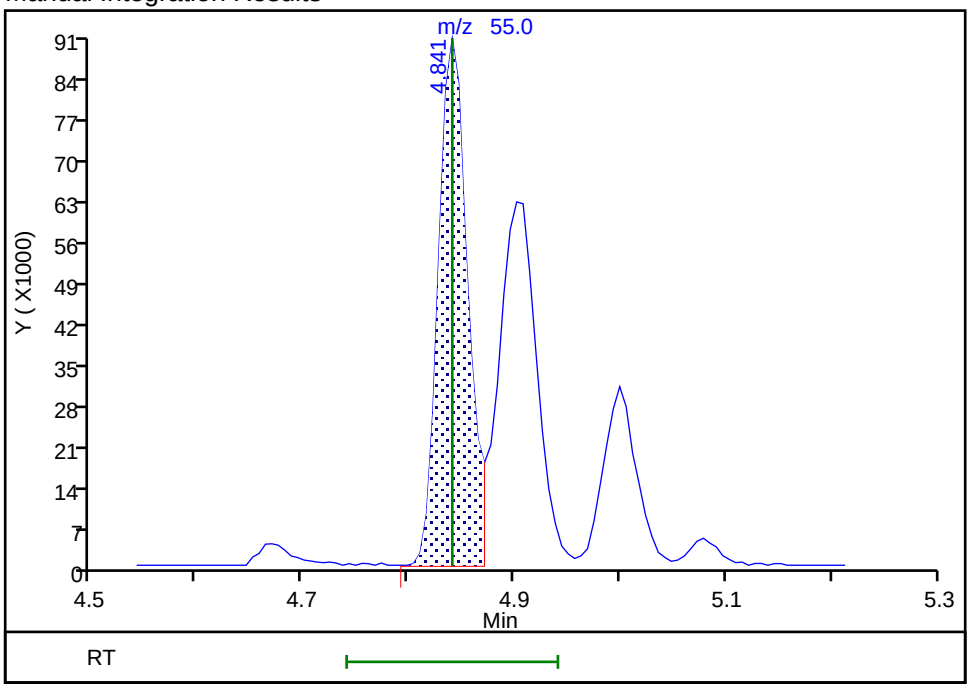
Processing Integration Results

RT: 4.90
Area: 153101
Amount: 19.255835
Amount Units: ug/l



Manual Integration Results

RT: 4.84
Area: 176134
Amount: 20.359236
Amount Units: ug/l



Reviewer: UCB5, 04-Sep-2025 10:21:40 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

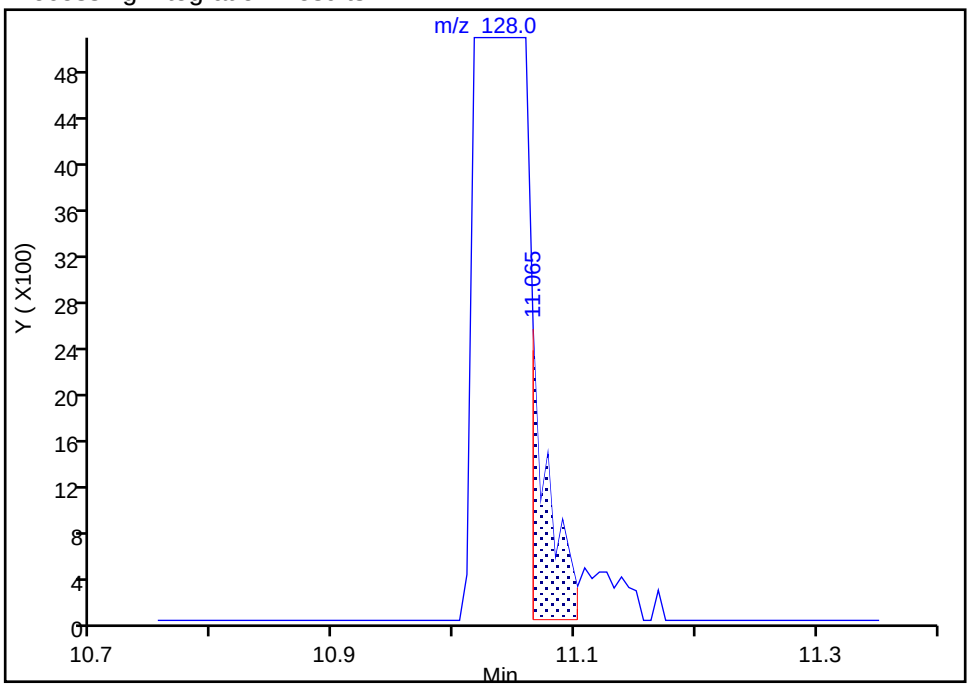
Data File:	\\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X14.D				
Injection Date:	03-Sep-2025 03:41:30	Instrument ID:	15648		
Lims ID:	IC v20				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

174 Naphthalene, CAS: 91-20-3

Signal: 1

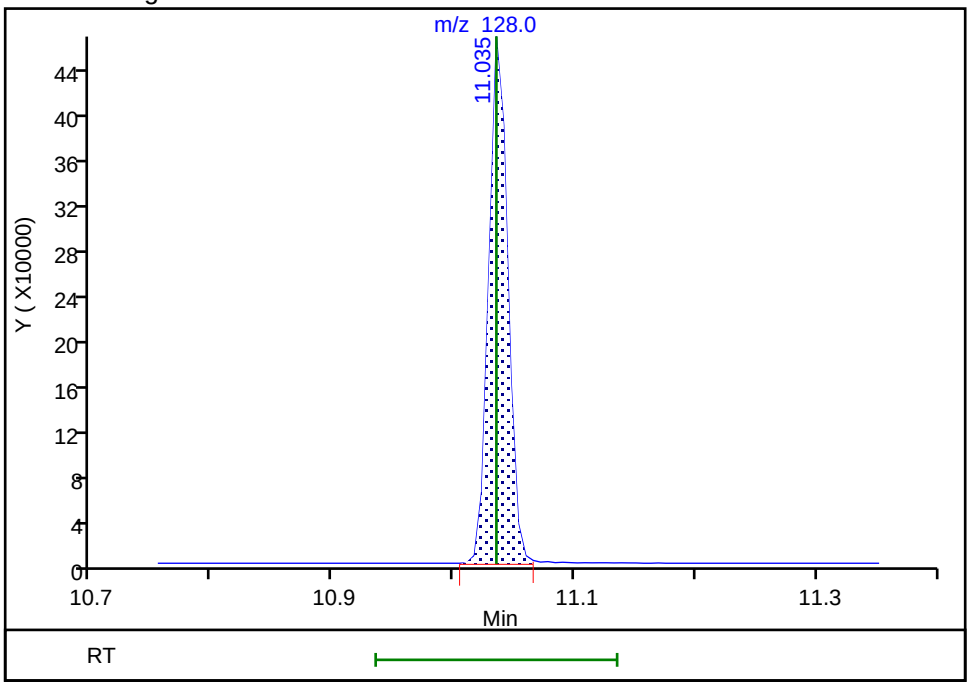
Processing Integration Results

RT: 11.07
Area: 2626
Amount: 0.126936
Amount Units: ug/l



Manual Integration Results

RT: 11.03
Area: 505536
Amount: 20.821233
Amount Units: ug/l



Reviewer: DVW2, 03-Sep-2025 08:06:49 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X15.D
Lims ID: ICIS v50
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 03-Sep-2025 04:01:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0158419-016
Misc. Info.: ICIS V50
Operator ID: gaw91131 Instrument ID: 15648
Sublist: chrom-MSVoa_15648*sub75

Method: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 04-Sep-2025 10:36:23 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: DVW2 Date: 03-Sep-2025 07:55:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.055	1.055	0.000	99	468279	50.0	54.1	
4 Chloromethane	50	1.171	1.171	0.000	99	476967	50.0	52.8	Ma
5 Butadiene	39	1.220	1.220	0.000	91	410567	50.0	49.3	
6 Vinyl chloride	62	1.226	1.226	0.000	98	421372	50.0	52.4	
8 Bromomethane	94	1.403	1.403	0.000	91	256106	50.0	52.8	
9 Chloroethane	64	1.415	1.415	0.000	100	235252	50.0	51.5	
10 Dichlorofluoromethane	67	1.543	1.543	0.000	97	575591	50.0	52.5	
11 Pentane	43	1.561	1.561	0.000	96	479590	50.0	48.4	
12 Trichlorofluoromethane	101	1.598	1.598	0.000	97	522423	50.0	53.1	
14 Ethyl ether	59	1.677	1.677	0.000	93	242435	50.0	51.5	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	1.714	1.714	0.000	95	338607	50.0	52.3	
16 Acrolein	56	1.756	1.756	0.000	98	844619	487.9	494.6	
17 1,1-Dichloroethene	96	1.836	1.836	0.000	95	205575	50.0	50.6	
18 Acetone	58	1.848	1.848	0.000	99	73142	100.0	99.0	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.872	1.872	0.000	94	231095	50.0	51.3	
20 Isopropyl alcohol	45	1.933	1.933	0.000	47	109669	250.0	221.1	
22 Iodomethane	142	1.939	1.939	0.000	99	369647	50.0	51.0	
23 Carbon disulfide	76	1.988	1.988	0.000	100	567175	50.0	47.4	
25 3-Chloro-1-propene	41	2.061	2.061	0.000	87	424577	50.0	49.5	
26 Methyl acetate	43	2.067	2.067	0.000	98	284149	50.0	46.4	
28 Methylene Chloride	84	2.153	2.153	0.000	96	241844	50.0	51.0	
* 27 t-Butyl alcohol-d10 (IS)	65	2.165	2.165	0.000	94	192585	250.0	250.0	
29 2-Methyl-2-propanol	59	2.226	2.226	0.000	99	201603	250.0	252.6	
31 Acrylonitrile	53	2.323	2.323	0.000	99	364749	125.0	127.1	
32 trans-1,2-Dichloroethene	96	2.366	2.366	0.000	95	231977	50.0	51.4	
33 Methyl tert-butyl ether	73	2.372	2.372	0.000	97	857411	50.0	51.1	
34 Hexane	57	2.598	2.598	0.000	95	375184	50.0	50.1	
35 1,1-Dichloroethane	63	2.713	2.713	0.000	97	469604	50.0	50.9	
37 Isopropyl ether	45	2.787	2.787	0.000	92	874940	50.0	51.2	
38 2-Chloro-1,3-butadiene	53	2.799	2.799	0.000	94	454095	50.0	51.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	3.122	3.122	0.000	97	840477	50.0	51.4	
40 cis-1,2-Dichloroethene	96	3.232	3.232	0.000	85	254750	50.0	51.0	
41 2-Butanone (MEK)	43	3.238	3.238	0.000	99	394249	100.0	99.1	
42 2,2-Dichloropropane	77	3.244	3.244	0.000	90	396553	50.0	50.8	
44 Propionitrile	54	3.286	3.286	0.000	99	294288	250.0	250.5	
43 Methyl acrylate	55	3.335	3.335	0.000	99	385160	50.0	52.7	
46 Methacrylonitrile	67	3.433	3.433	0.000	91	393556	125.0	130.6	
47 Chlorobromomethane	128	3.451	3.451	0.000	96	127655	50.0	52.3	
48 Tetrahydrofuran	71	3.488	3.488	0.000	91	246994	250.0	248.7	
49 Chloroform	83	3.530	3.530	0.000	95	436903	50.0	51.0	
$ 50 Dibromofluoromethane (Surr)	113	3.683	3.683	0.000	93	242401	50.0	50.2	
51 1,1,1-Trichloroethane	97	3.713	3.713	0.000	98	383401	50.0	50.7	
53 Cyclohexane	56	3.768	3.768	0.000	93	464367	50.0	51.0	
58 1,1-Dichloropropene	75	3.860	3.860	0.000	93	361725	50.0	50.7	
59 Carbon tetrachloride	117	3.872	3.872	0.000	97	333129	50.0	50.9	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	3.994	3.994	0.000	98	349565	50.0	49.8	
78 Isobutyl alcohol	41	4.000	4.000	0.000	89	167735	625.0	585.7	
84 Benzene	78	4.055	4.055	0.000	97	1041584	50.0	51.2	
85 1,2-Dichloroethane	62	4.067	4.067	0.000	95	406731	50.0	50.0	
87 Tert-amyl methyl ether	73	4.195	4.195	0.000	97	794123	50.0	51.7	
* 88 Fluorobenzene (IS)	96	4.335	4.335	0.000	98	1019414	50.0	50.0	
89 n-Heptane	43	4.353	4.353	0.000	93	341279	50.0	46.7	
96 n-Butanol	56	4.664	4.664	0.000	93	118443	625.0	646.9	
97 Trichloroethene	95	4.701	4.701	0.000	97	258877	50.0	51.2	
99 Ethyl acrylate	55	4.841	4.841	0.000	98	454460	50.0	52.7	M
98 Methylcyclohexane	83	4.902	4.902	0.000	92	446306	50.0	49.7	
100 1,2-Dichloropropane	63	4.920	4.920	0.000	92	283409	50.0	51.3	
101 2-ethoxy-2-methyl butane	87	5.000	5.000	0.000	93	406352	50.0	52.9	
102 Dibromomethane	93	5.036	5.036	0.000	97	170124	50.0	50.7	
103 1,4-Dioxane	88	5.073	5.073	0.000	32	39680	625.0	643.8	
104 Methyl methacrylate	69	5.079	5.079	0.000	92	250613	50.0	52.8	
106 Dichlorobromomethane	83	5.213	5.213	0.000	98	348033	50.0	51.2	
107 2-Nitropropane	41	5.445	5.445	0.000	98	663525	250.0	251.4	
108 2-Chloroethyl vinyl ether	63	5.554	5.554	0.000	93	226290	50.0	53.2	
109 cis-1,3-Dichloropropene	75	5.688	5.688	0.000	92	451552	50.0	52.9	
110 4-Methyl-2-pentanone (MIBK)	43	5.871	5.871	0.000	98	845610	100.0	106.0	
$ 111 Toluene-d8 (Surr)	98	5.969	5.969	0.000	94	1051299	50.0	49.9	
112 Toluene	92	6.042	6.042	0.000	97	655602	50.0	50.9	
114 trans-1,3-Dichloropropene	75	6.292	6.292	0.000	98	424163	50.0	52.4	
115 Ethyl methacrylate	69	6.432	6.432	0.000	91	425073	50.0	52.4	
116 1,1,2-Trichloroethane	97	6.481	6.481	0.000	92	244279	50.0	51.0	
117 Tetrachloroethene	166	6.633	6.633	0.000	95	253404	50.0	49.8	
119 1,3-Dichloropropane	76	6.658	6.658	0.000	95	444624	50.0	51.3	
121 2-Hexanone	43	6.786	6.786	0.000	98	631357	100.0	107.9	
122 Chlorodibromomethane	129	6.902	6.902	0.000	90	278452	50.0	52.3	
124 Ethylene Dibromide	107	7.005	7.005	0.000	98	259092	50.0	51.7	
* 126 Chlorobenzene-d5 (IS)	117	7.523	7.523	0.000	87	747385	50.0	50.0	
127 Chlorobenzene	112	7.548	7.548	0.000	93	710300	50.0	50.9	
128 1-Chlorohexane	91	7.566	7.566	0.000	94	326506	50.0	50.4	
129 1,1,1,2-Tetrachloroethane	131	7.639	7.639	0.000	94	238627	50.0	51.4	
130 Ethylbenzene	91	7.676	7.676	0.000	99	1250615	50.0	51.3	
132 m-Xylene & p-Xylene	106	7.798	7.798	0.000	99	962659	100.0	102.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
133 o-Xylene	106	8.157	8.157	0.000	98	473902	50.0	51.9	
134 n-Butyl acrylate	55	8.170	8.170	0.000	94	647208	50.0	52.9	
135 Styrene	104	8.170	8.170	0.000	95	821266	50.0	52.9	
136 Bromoform	173	8.310	8.310	0.000	96	201416	50.0	51.8	
137 Isopropylbenzene	105	8.487	8.487	0.000	97	1176870	50.0	50.8	
138 Cyclohexanone	55	8.535	8.535	0.000	94	192483	625.0	654.1	
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	88	391745	50.0	50.3	
142 Bromobenzene	156	8.712	8.712	0.000	97	297186	50.0	51.4	
143 1,1,2,2-Tetrachloroethane	83	8.731	8.731	0.000	96	406256	50.0	51.0	
144 1,2,3-Trichloropropane	110	8.755	8.755	0.000	87	121006	50.0	51.2	
145 trans-1,4-Dichloro-2-butene	53	8.779	8.779	0.000	94	385753	125.0	132.6	
146 N-Propylbenzene	91	8.822	8.822	0.000	99	1424509	50.0	50.6	
147 2-Chlorotoluene	126	8.877	8.877	0.000	95	279713	50.0	50.9	
148 4-Chlorotoluene	126	8.968	8.968	0.000	99	294589	50.0	51.1	
149 1,3,5-Trimethylbenzene	105	8.974	8.974	0.000	94	1003150	50.0	51.2	
152 tert-Butylbenzene	134	9.218	9.218	0.000	94	202177	50.0	50.3	
153 1,2,4-Trimethylbenzene	105	9.255	9.255	0.000	98	1044628	50.0	51.4	
154 sec-Butylbenzene	105	9.383	9.383	0.000	95	1195203	50.0	49.9	
155 1,3-Dichlorobenzene	146	9.450	9.450	0.000	98	544924	50.0	50.9	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	79	417118	50.0	50.0	
156 4-Isopropyltoluene	119	9.499	9.499	0.000	94	1045856	50.0	49.5	
159 1,4-Dichlorobenzene	146	9.517	9.517	0.000	93	550452	50.0	49.0	
160 1,2,3-Trimethylbenzene	105	9.566	9.566	0.000	99	1050418	50.0	50.5	
161 Benzyl chloride	91	9.621	9.621	0.000	99	774440	50.0	54.4	
162 1,3-Diethylbenzene	119	9.718	9.718	0.000	95	582718	50.0	50.7	
163 p-Diethylbenzene	119	9.773	9.773	0.000	95	634909	50.0	49.9	
164 1,2-Dichlorobenzene	146	9.785	9.785	0.000	97	550685	50.0	50.8	
165 n-Butylbenzene	92	9.791	9.791	0.000	97	503545	50.0	49.6	
166 o-diethylbenzene	119	9.858	9.858	0.000	96	509770	50.0	49.2	
169 1,2-Dibromo-3-Chloropropane	75	10.322	10.322	0.000	80	100067	50.0	52.4	
170 1,3,5-Trichlorobenzene	180	10.474	10.474	0.000	96	374061	50.0	49.6	
171 1,2,4-Trichlorobenzene	180	10.883	10.883	0.000	94	360794	50.0	50.6	
172 Hexachlorobutadiene	225	10.998	10.998	0.000	96	143986	50.0	47.7	
173 2-Ethylhexyl acrylate	55	11.029	11.029	0.000	84	379875	50.0	52.5	
174 Naphthalene	128	11.035	11.035	0.000	98	1289738	50.0	53.3	
175 1,2,3-Trichlorobenzene	180	11.193	11.193	0.000	95	355333	50.0	50.2	
177 2-Methylnaphthalene	142	11.754	11.754	0.000	92	599611	50.0	55.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#3_00253	Amount Added:	4.00	Units: uL	
MSV_CCV_2CEVE_00243	Amount Added:	5.00	Units: uL	
MSV_CCV_GASES_01095	Amount Added:	2.50	Units: uL	
MSV_CCV_CYC_00012	Amount Added:	10.00	Units: uL	
MSV_CCV_OH_Sp_00025	Amount Added:	5.00	Units: uL	
MSV_CCV_EE_00009	Amount Added:	5.00	Units: uL	
MSV_CCV_VOC#1_00251	Amount Added:	5.00	Units: uL	
MSV_Cent_ISSS_00038	Amount Added:	5.00	Units: uL	Run Reagent

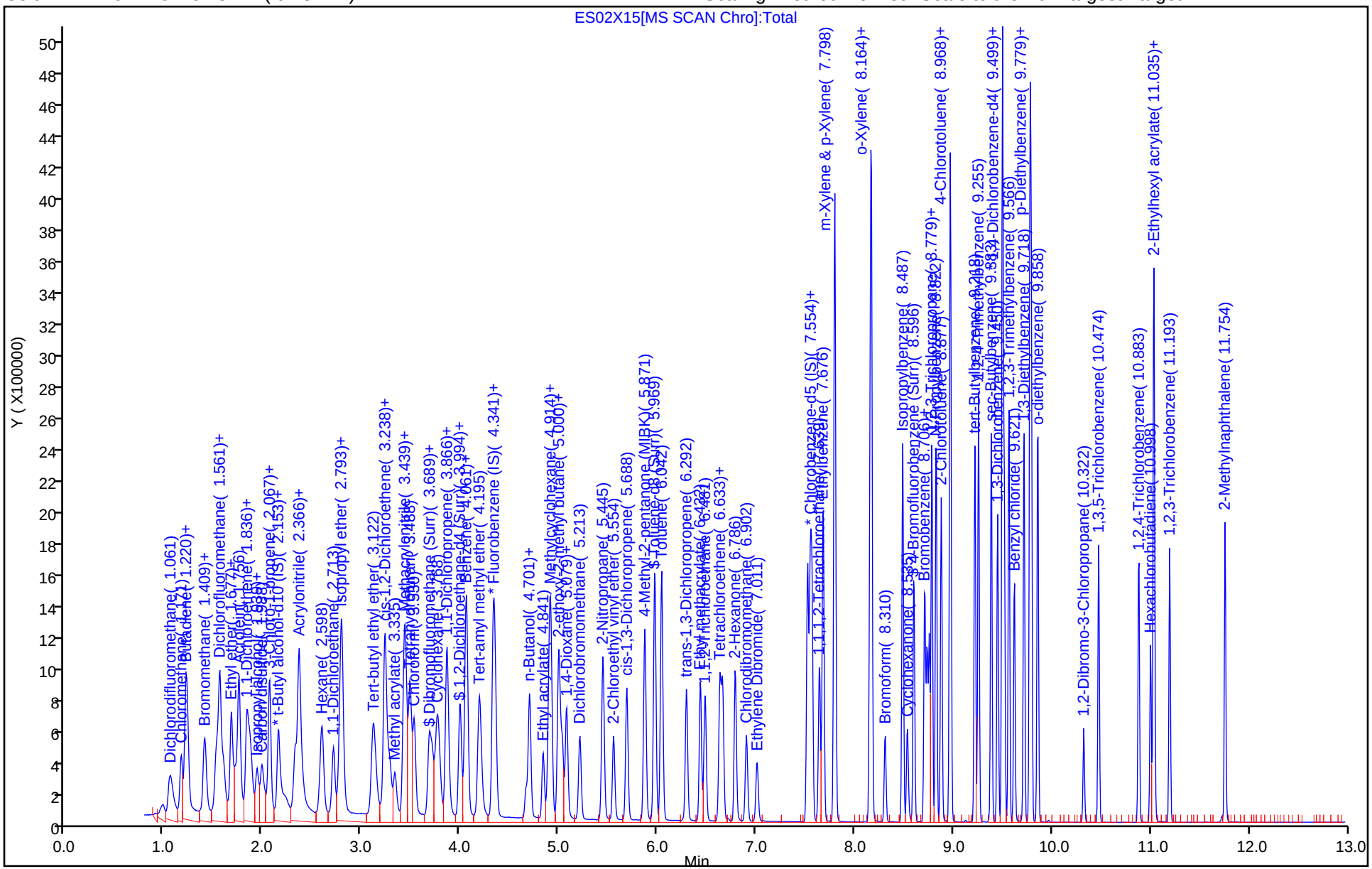
Report Date: 04-Sep-2025 10:36:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X15.D

Injection Date:	03-Sep-2025 04:01:30	Instrument ID:	15648	Operator ID:	gaw91131
Lims ID:	ICIS v50			Worklist Smp#:	16
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

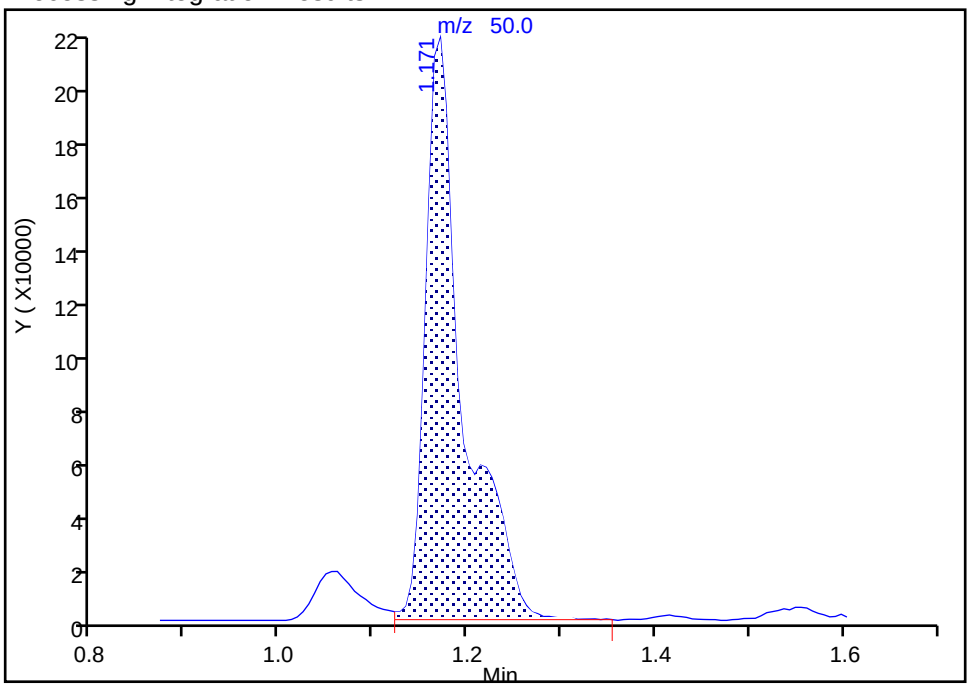
Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X15.D
Injection Date: 03-Sep-2025 04:01:30 Instrument ID: 15648
Lims ID: ICIS v50
Client ID:
Operator ID: gaw91131 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15648 Limit Group: MSV - 8260C_D
Column: DB-624 20m 0.18mm (0.18 mm) Detector MS Quad

4 Chloromethane, CAS: 74-87-3

Signal: 1

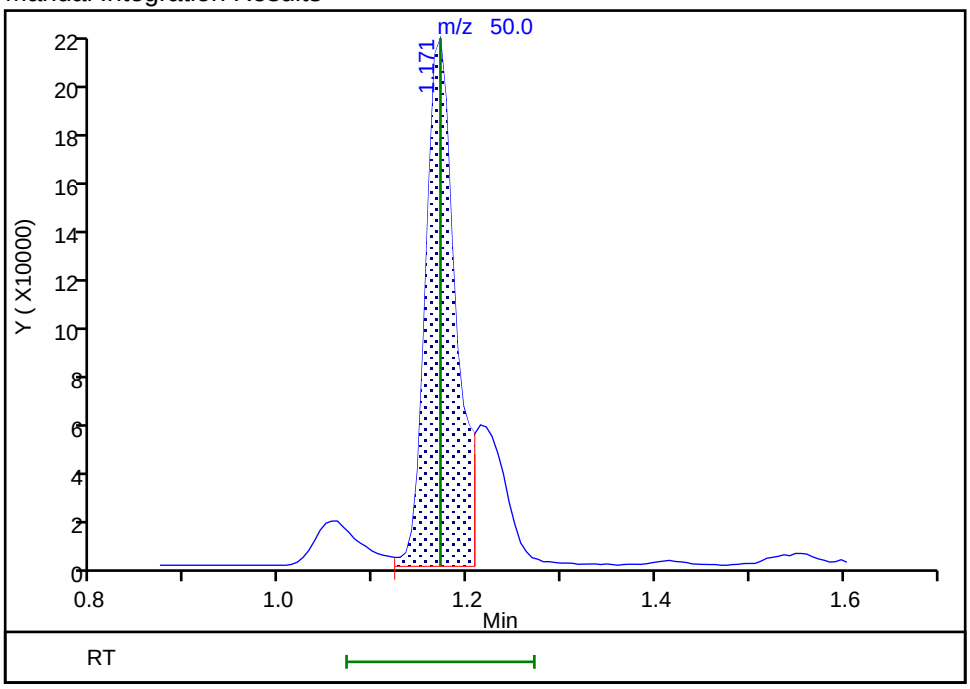
Processing Integration Results

RT: 1.17
Area: 593128
Amount: 52.106653
Amount Units: ug/l



Manual Integration Results

RT: 1.17
Area: 476967
Amount: 52.783013
Amount Units: ug/l



Reviewer: DVW2, 03-Sep-2025 07:55:00 -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

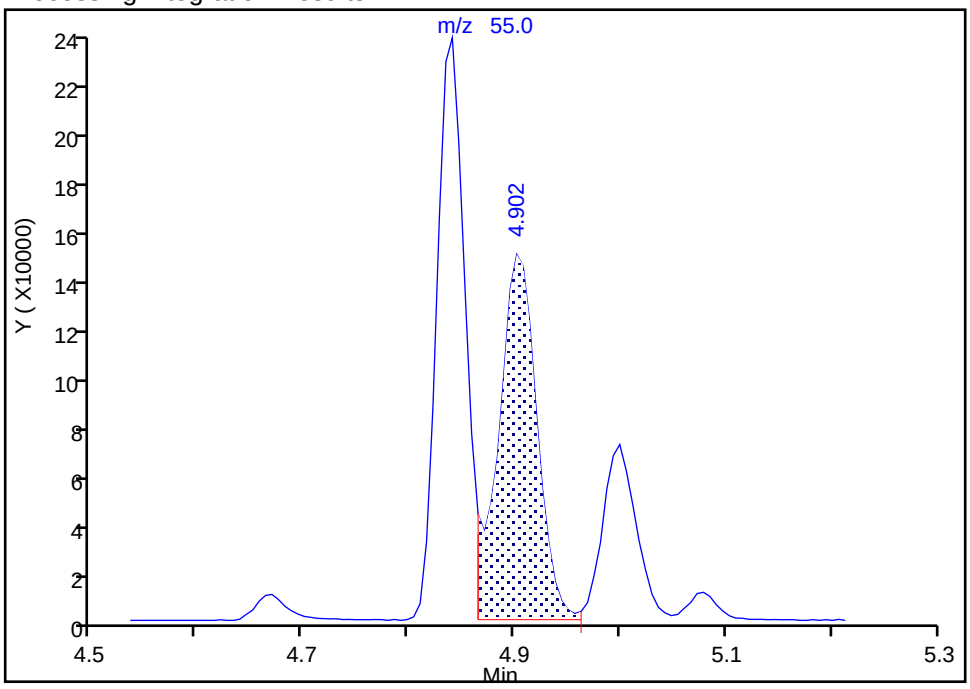
Data File:	\\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X15.D				
Injection Date:	03-Sep-2025 04:01:30	Instrument ID:	15648		
Lims ID:	ICIS v50				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

99 Ethyl acrylate, CAS: 140-88-5

Signal: 1

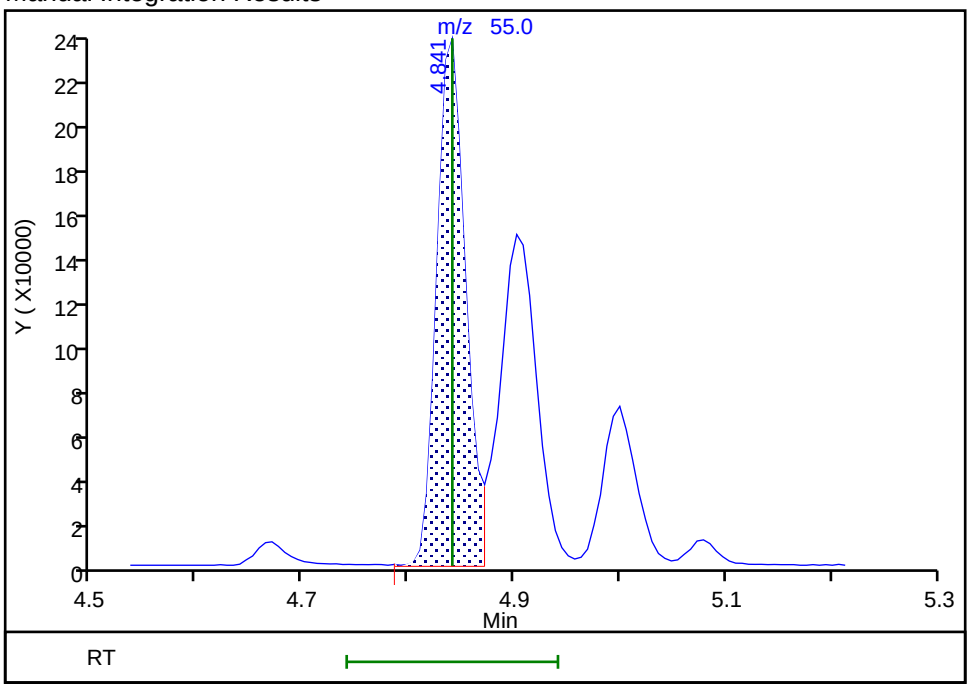
Processing Integration Results

RT: 4.90
Area: 384020
Amount: 47.439933
Amount Units: ug/l



Manual Integration Results

RT: 4.84
Area: 454460
Amount: 52.663585
Amount Units: ug/l



Reviewer: UCB5, 04-Sep-2025 10:22:29 -04:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Wrong peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X16.D
Lims ID: IC v100
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 03-Sep-2025 04:21:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0158419-017
Misc. Info.: IC V100
Operator ID: gaw91131 Instrument ID: 15648
Sublist: chrom-MSVoa_15648*sub75

Method: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 04-Sep-2025 10:36:32 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: DVW2 Date: 03-Sep-2025 07:55:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.067	1.055	0.012	99	934057	100.0	102.4	
4 Chloromethane	50	1.183	1.171	0.012	99	918743	100.0	96.5	M
5 Butadiene	39	1.226	1.220	0.006	93	839919	100.0	95.8	
6 Vinyl chloride	62	1.232	1.226	0.006	98	864956	100.0	102.2	
8 Bromomethane	94	1.415	1.403	0.012	91	509170	100.0	99.6	
9 Chloroethane	64	1.427	1.415	0.012	100	472770	100.0	98.2	
10 Dichlorofluoromethane	67	1.549	1.543	0.006	98	1140101	100.0	98.8	
11 Pentane	43	1.573	1.561	0.012	96	1062669	100.0	101.9	
12 Trichlorofluoromethane	101	1.604	1.598	0.006	99	1054566	100.0	101.8	
14 Ethyl ether	59	1.689	1.677	0.012	93	484736	100.0	97.7	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	1.719	1.714	0.005	94	677654	100.0	99.3	
16 Acrolein	56	1.768	1.756	0.012	99	1746828	975.8	990.2	
17 1,1-Dichloroethene	96	1.847	1.836	0.011	96	439416	100.0	102.8	
18 Acetone	58	1.860	1.848	0.012	99	151473	200.0	198.4	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.878	1.872	0.006	94	499877	100.0	105.3	
20 Isopropyl alcohol	45	1.945	1.933	0.012	99	232056	500.0	452.8	
22 Iodomethane	142	1.951	1.939	0.012	99	770120	100.0	100.9	
23 Carbon disulfide	76	2.000	1.988	0.012	100	1223868	100.0	97.1	
25 3-Chloro-1-propene	41	2.073	2.061	0.012	88	904201	100.0	100.1	
26 Methyl acetate	43	2.079	2.067	0.012	98	585304	100.0	90.8	
28 Methylene Chloride	84	2.164	2.153	0.011	96	499033	100.0	99.9	
* 27 t-Butyl alcohol-d10 (IS)	65	2.177	2.165	0.012	96	198960	250.0	250.0	
29 2-Methyl-2-propanol	59	2.232	2.226	0.006	98	394721	500.0	478.7	
31 Acrylonitrile	53	2.335	2.323	0.012	98	745545	250.0	246.6	
32 trans-1,2-Dichloroethene	96	2.372	2.366	0.006	95	491069	100.0	103.2	
33 Methyl tert-butyl ether	73	2.384	2.372	0.012	97	1769169	100.0	100.1	
34 Hexane	57	2.610	2.598	0.012	95	891961	100.0	113.2	
35 1,1-Dichloroethane	63	2.725	2.713	0.012	96	985197	100.0	101.4	
37 Isopropyl ether	45	2.798	2.787	0.011	93	1812710	100.0	100.7	
38 2-Chloro-1,3-butadiene	53	2.805	2.799	0.006	94	962096	100.0	104.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	3.128	3.122	0.006	98	1750553	100.0	101.7	
40 cis-1,2-Dichloroethene	96	3.244	3.232	0.012	85	537865	100.0	102.3	
41 2-Butanone (MEK)	43	3.244	3.238	0.006	100	823604	200.0	196.7	
42 2,2-Dichloropropane	77	3.256	3.244	0.012	94	852983	100.0	103.8	
44 Propionitrile	54	3.298	3.286	0.012	95	610095	500.0	502.6	
43 Methyl acrylate	55	3.347	3.335	0.012	100	835784	100.0	108.6	
46 Methacrylonitrile	67	3.439	3.433	0.006	95	803509	250.0	253.2	
47 Chlorobromomethane	128	3.457	3.451	0.006	96	263522	100.0	102.6	
48 Tetrahydrofuran	71	3.500	3.488	0.012	92	503555	500.0	490.7	
49 Chloroform	83	3.542	3.530	0.012	95	909785	100.0	100.9	
$ 50 Dibromofluoromethane (Surr)	113	3.689	3.683	0.006	93	249368	50.0	49.0	
51 1,1,1-Trichloroethane	97	3.719	3.713	0.006	98	816648	100.0	102.6	
53 Cyclohexane	56	3.780	3.768	0.012	93	1046382	100.0	109.1	
58 1,1-Dichloropropene	75	3.871	3.860	0.011	93	786339	100.0	104.6	
59 Carbon tetrachloride	117	3.878	3.872	0.006	97	717328	100.0	104.0	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	4.006	3.994	0.012	82	361960	50.0	48.9	
78 Isobutyl alcohol	41	4.006	4.000	0.006	93	350169	1250.0	1183.5	
84 Benzene	78	4.067	4.055	0.012	97	2190478	100.0	102.3	
85 1,2-Dichloroethane	62	4.079	4.067	0.012	95	842814	100.0	98.3	
87 Tert-amyl methyl ether	73	4.201	4.195	0.006	97	1665653	100.0	103.0	
* 88 Fluorobenzene (IS)	96	4.341	4.335	0.006	98	1073671	50.0	50.0	
89 n-Heptane	43	4.359	4.353	0.006	94	875968	100.0	113.9	
96 n-Butanol	56	4.670	4.664	0.006	91	252762	1250.0	1336.4	
97 Trichloroethene	95	4.707	4.701	0.006	98	544802	100.0	102.3	
99 Ethyl acrylate	55	4.847	4.841	0.006	98	1007665	100.0	110.9	M
98 Methylcyclohexane	83	4.914	4.902	0.012	92	1069480	100.0	113.0	
100 1,2-Dichloropropane	63	4.926	4.920	0.006	93	596262	100.0	102.4	
101 2-ethoxy-2-methyl butane	87	5.005	5.000	0.005	93	856552	100.0	105.8	
102 Dibromomethane	93	5.042	5.036	0.006	95	354898	100.0	100.4	
103 1,4-Dioxane	88	5.072	5.073	-0.001	87	79176	1250.0	1243.5	
104 Methyl methacrylate	69	5.085	5.079	0.006	91	528708	100.0	105.7	
106 Dichlorobromomethane	83	5.219	5.213	0.006	98	724244	100.0	101.1	
107 2-Nitropropane	41	5.450	5.445	0.005	98	1363402	500.0	499.9	
108 2-Chloroethyl vinyl ether	63	5.560	5.554	0.006	93	464972	100.0	103.7	
109 cis-1,3-Dichloropropene	75	5.694	5.688	0.006	92	946130	100.0	105.3	
110 4-Methyl-2-pentanone (MIBK)	43	5.871	5.871	0.000	98	1776367	200.0	211.5	
$ 111 Toluene-d8 (Surr)	98	5.975	5.969	0.006	94	1093487	50.0	49.7	
112 Toluene	92	6.048	6.042	0.006	97	1391921	100.0	103.4	
S 113 1,2-Dichloroethene, Total	100				0			205.5	
114 trans-1,3-Dichloropropene	75	6.298	6.292	0.006	97	904360	100.0	106.9	
115 Ethyl methacrylate	69	6.438	6.432	0.006	90	908787	100.0	107.3	
116 1,1,2-Trichloroethane	97	6.487	6.481	0.006	92	505511	100.0	101.0	
117 Tetrachloroethene	166	6.633	6.633	0.000	95	559300	100.0	105.2	
119 1,3-Dichloropropane	76	6.664	6.658	0.006	95	927166	100.0	102.3	
121 2-Hexanone	43	6.792	6.786	0.006	98	1295673	200.0	212.1	
122 Chlorodibromomethane	129	6.901	6.902	-0.001	90	579104	100.0	104.2	
124 Ethylene Dibromide	107	7.011	7.005	0.006	98	537327	100.0	102.7	
* 126 Chlorobenzene-d5 (IS)	117	7.523	7.523	0.000	88	780603	50.0	50.0	
127 Chlorobenzene	112	7.554	7.548	0.006	93	1504592	100.0	103.2	
128 1-Chlorohexane	91	7.572	7.566	0.006	95	765986	100.0	113.1	
129 1,1,1,2-Tetrachloroethane	131	7.645	7.639	0.006	95	505548	100.0	104.3	
130 Ethylbenzene	91	7.682	7.676	0.006	99	2685445	100.0	105.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
132 m-Xylene & p-Xylene	106	7.798	7.798	0.000	99	2078936	200.0	212.0	
133 o-Xylene	106	8.157	8.157	0.000	98	1018179	100.0	106.8	
134 n-Butyl acrylate	55	8.169	8.170	-0.001	95	1458815	100.0	114.2	
135 Styrene	104	8.169	8.170	-0.001	95	1748514	100.0	107.8	
136 Bromoform	173	8.310	8.310	0.000	96	419001	100.0	103.1	
137 Isopropylbenzene	105	8.486	8.487	-0.001	97	2653004	100.0	109.7	
138 Cyclohexanone	55	8.535	8.535	0.000	95	392212	1250.0	1290.0	
$ 140 4-Bromofluorobenzene (Surr)	95	8.602	8.596	0.006	88	408651	50.0	50.3	
142 Bromobenzene	156	8.712	8.712	0.000	97	624285	100.0	103.1	
143 1,1,2,2-Tetrachloroethane	83	8.736	8.731	0.005	95	838689	100.0	100.6	
144 1,2,3-Trichloropropane	110	8.755	8.755	0.000	86	247492	100.0	99.9	
145 trans-1,4-Dichloro-2-butene	53	8.785	8.779	0.006	94	797888	250.0	261.9	
146 N-Propylbenzene	91	8.828	8.822	0.006	99	3245455	100.0	110.0	
147 2-Chlorotoluene	126	8.877	8.877	0.000	95	608134	100.0	105.8	
148 4-Chlorotoluene	126	8.968	8.968	0.000	99	640387	100.0	106.1	
149 1,3,5-Trimethylbenzene	105	8.974	8.974	0.000	95	2242210	100.0	109.3	
152 tert-Butylbenzene	134	9.218	9.218	0.000	94	463457	100.0	110.1	
153 1,2,4-Trimethylbenzene	105	9.255	9.255	0.000	98	2320207	100.0	109.1	
154 sec-Butylbenzene	105	9.383	9.383	0.000	95	2850720	100.0	113.6	
155 1,3-Dichlorobenzene	146	9.450	9.450	0.000	97	1178607	100.0	105.2	
* 157 1,4-Dichlorobenzene-d4	152	9.498	9.499	-0.001	60	436849	50.0	50.0	
156 4-Isopropyltoluene	119	9.498	9.499	-0.001	96	2488585	100.0	112.4	
159 1,4-Dichlorobenzene	146	9.517	9.517	0.000	93	1205674	100.0	102.5	
160 1,2,3-Trimethylbenzene	105	9.565	9.566	-0.001	99	2306274	100.0	105.8	
161 Benzyl chloride	91	9.620	9.621	-0.001	99	1700625	100.0	114.1	
162 1,3-Diethylbenzene	119	9.718	9.718	0.000	95	1367620	100.0	113.5	
163 p-Diethylbenzene	119	9.779	9.773	0.006	95	1501190	100.0	112.6	
164 1,2-Dichlorobenzene	146	9.785	9.785	0.000	96	1170653	100.0	103.1	
165 n-Butylbenzene	92	9.791	9.791	0.000	98	1217626	100.0	114.6	
166 o-diethylbenzene	119	9.858	9.858	0.000	96	1189757	100.0	109.6	
S 168 1,3-Dichloropropene, Total	100				0			212.2	
169 1,2-Dibromo-3-Chloropropane	75	10.321	10.322	-0.001	80	207490	100.0	103.8	
170 1,3,5-Trichlorobenzene	180	10.474	10.474	0.000	96	869873	100.0	110.2	
171 1,2,4-Trichlorobenzene	180	10.882	10.883	-0.001	94	822776	100.0	110.1	
172 Hexachlorobutadiene	225	10.998	10.998	0.000	98	352166	100.0	111.4	
173 2-Ethylhexyl acrylate	55	11.029	11.029	0.000	84	937573	100.0	123.8	
174 Naphthalene	128	11.035	11.035	0.000	98	2773269	100.0	109.4	
175 1,2,3-Trichlorobenzene	180	11.193	11.193	0.000	95	797824	100.0	107.7	
S 176 Xylenes, Total	106				0			318.8	
177 2-Methylnaphthalene	142	11.754	11.754	0.000	92	1380608	100.0	122.6	
S 193 Total Diethylbenzene	1				0			335.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#3_00253	Amount Added:	4.00	Units: uL	
MSV_CCV_2CEVE_00243	Amount Added:	5.00	Units: uL	
MSV_CCV_GASES_01095	Amount Added:	2.50	Units: uL	
MSV_CCV_CYC_00012	Amount Added:	10.00	Units: uL	
MSV_CCV_OH_Sp_00025	Amount Added:	5.00	Units: uL	
MSV_CCV_EE_00009	Amount Added:	5.00	Units: uL	
MSV_CCV_VOC#1_00251	Amount Added:	5.00	Units: uL	
MSV_Cent_ISSS_00038	Amount Added:	5.00	Units: uL	Run Reagent

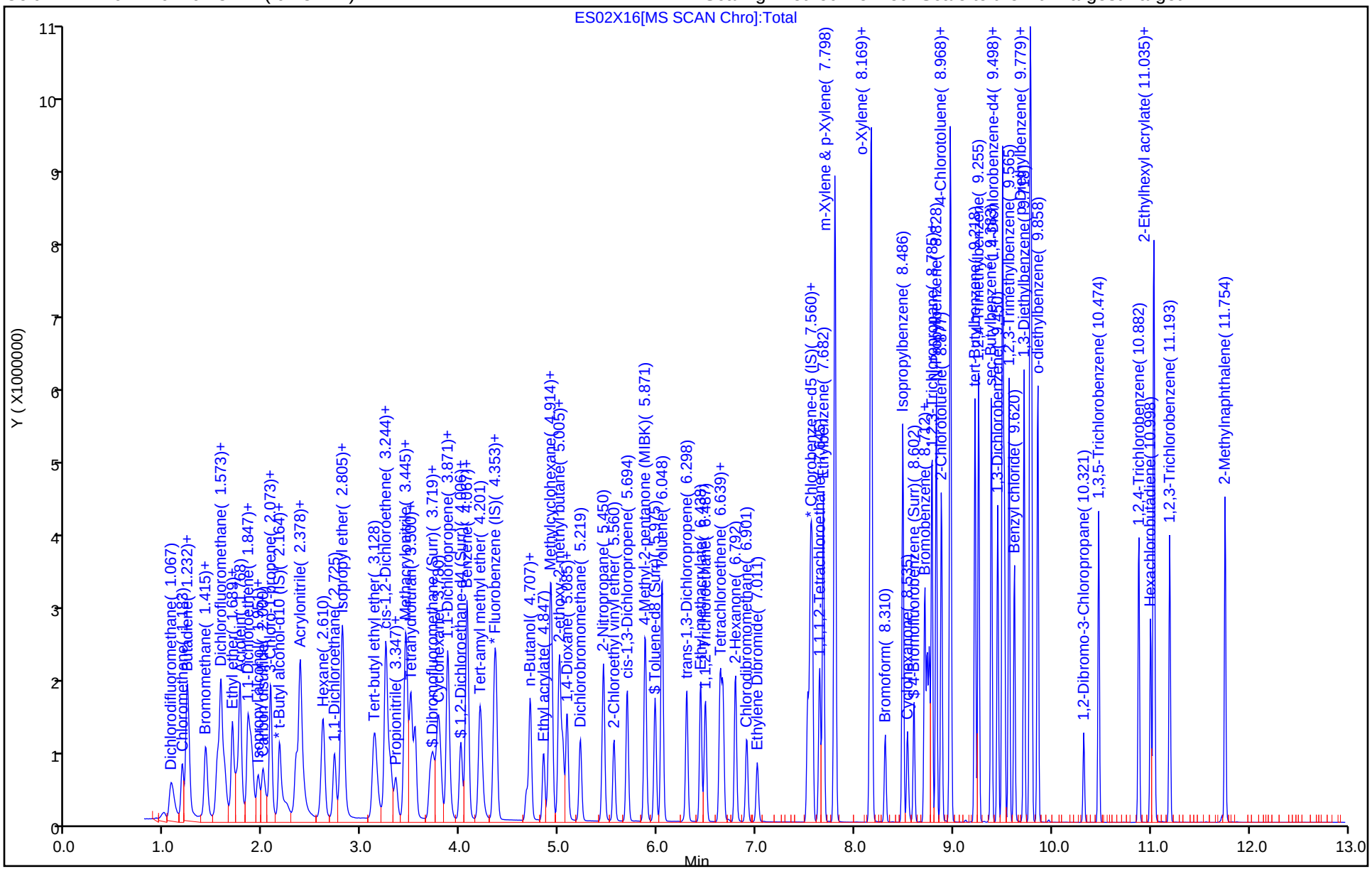
Report Date: 04-Sep-2025 10:36:33 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X16.D

Injection Date:	03-Sep-2025 04:21:30	Instrument ID:	15648	Operator ID:	gaw91131
Lims ID:	IC v100			Worklist Smp#:	17
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

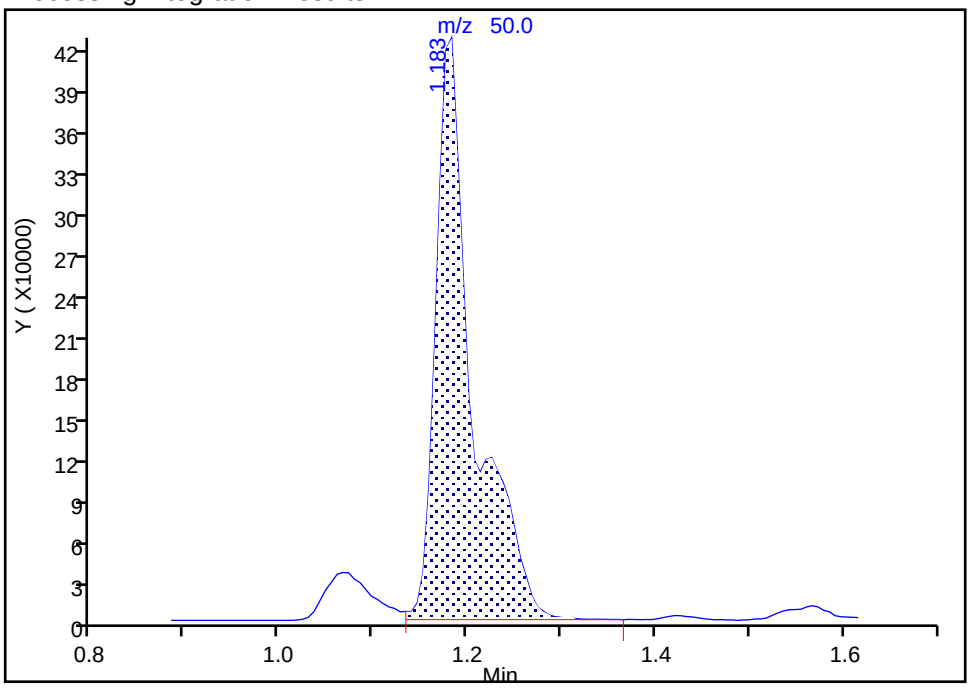
Data File:	\\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X16.D				
Injection Date:	03-Sep-2025 04:21:30	Instrument ID:	15648		
Lims ID:	IC v100				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

4 Chloromethane, CAS: 74-87-3

Signal: 1

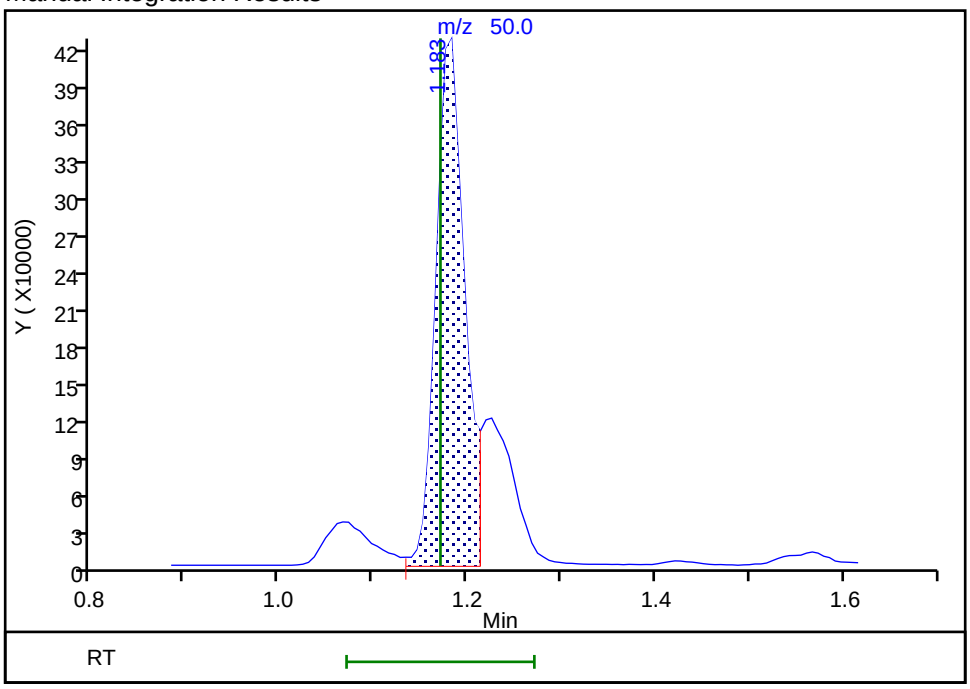
Processing Integration Results

RT: 1.18
Area: 1187387
Amount: 102.0158
Amount Units: ug/l



Manual Integration Results

RT: 1.18
Area: 918743
Amount: 96.533769
Amount Units: ug/l



Reviewer: DVW2, 03-Sep-2025 07:55:17 -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

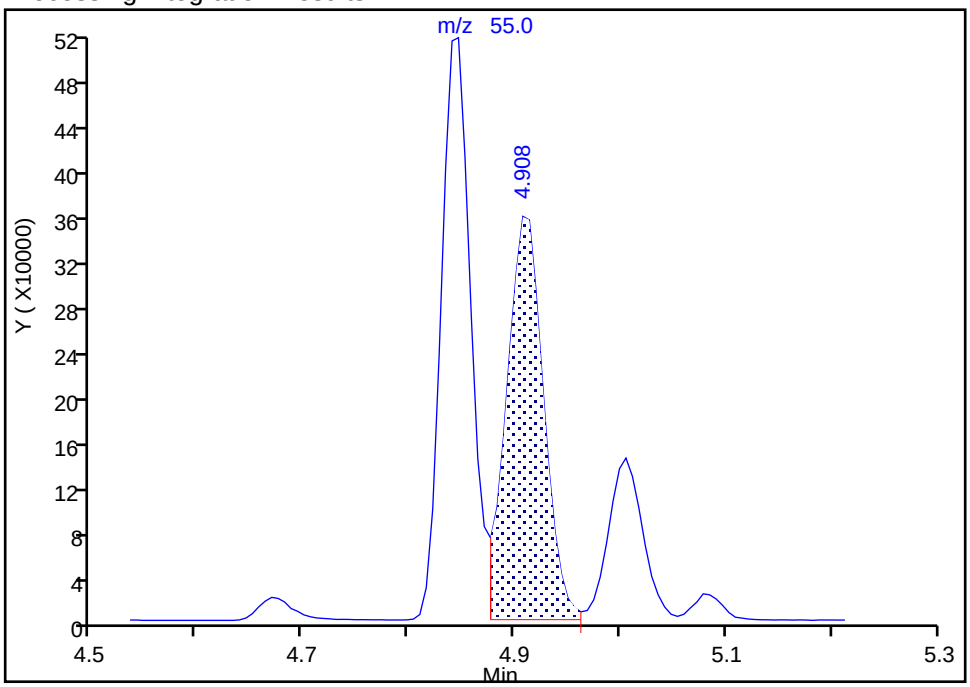
Data File:	\\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X16.D				
Injection Date:	03-Sep-2025 04:21:30	Instrument ID:	15648		
Lims ID:	IC v100				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

99 Ethyl acrylate, CAS: 140-88-5

Signal: 1

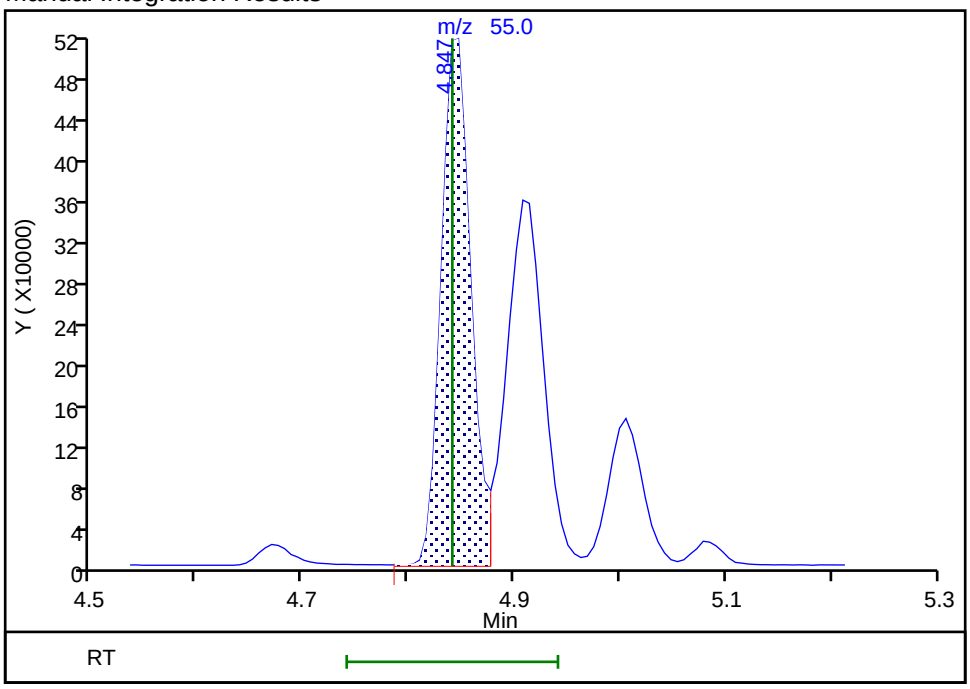
Processing Integration Results

RT: 4.91
Area: 871588
Amount: 99.751714
Amount Units: ug/l



Manual Integration Results

RT: 4.85
Area: 1007665
Amount: 110.8690
Amount Units: ug/l



Reviewer: UCB5, 04-Sep-2025 10:23:18 -04:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Wrong peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D
Lims ID: IC v300
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 03-Sep-2025 04:40:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0158419-018
Misc. Info.: IC V300
Operator ID: gaw91131 Instrument ID: 15648
Sublist: chrom-MSVoa_15648*sub75

Method: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 04-Sep-2025 10:36:37 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1682

First Level Reviewer: DVW2 Date: 03-Sep-2025 07:55:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.067	1.055	0.012	99	2814032	300.0	286.9	
4 Chloromethane	50	1.177	1.171	0.006	99	2814987	300.0	275.1	M
5 Butadiene	39	1.238	1.220	0.018	96	2623705	300.0	278.5	
6 Vinyl chloride	62	1.232	1.226	0.006	98	2664191	300.0	292.8	
8 Bromomethane	94	1.409	1.403	0.006	91	1569254	300.0	285.6	
9 Chloroethane	64	1.427	1.415	0.012	100	1472528	300.0	284.6	
10 Dichlorofluoromethane	67	1.555	1.543	0.012	98	3511441	300.0	283.1	
11 Pentane	43	1.573	1.561	0.012	97	3393872	300.0	302.6	
12 Trichlorofluoromethane	101	1.610	1.598	0.012	98	3232616	300.0	290.4	
14 Ethyl ether	59	1.689	1.677	0.012	93	1499788	300.1	281.2	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	1.726	1.714	0.012	94	2118282	300.0	288.7	
16 Acrolein	56	1.768	1.756	0.012	99	5377785	2927.5	2776.9	
17 1,1-Dichloroethene	96	1.848	1.836	0.012	96	1398292	300.0	304.2	
18 Acetone	58	1.854	1.848	0.006	99	462516	600.0	551.8	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.884	1.872	0.012	95	1587201	300.0	311.1	
20 Isopropyl alcohol	45	1.939	1.933	0.006	100	694912	1500.0	1235.2	
22 Iodomethane	142	1.963	1.939	0.024	98	2349553	300.0	286.4	
23 Carbon disulfide	76	2.006	1.988	0.018	100	4081242	300.0	301.1	
25 3-Chloro-1-propene	41	2.073	2.061	0.012	87	2825904	300.0	291.0	
26 Methyl acetate	43	2.079	2.067	0.012	98	1814414	300.0	261.7	
28 Methylene Chloride	84	2.171	2.153	0.018	96	1509007	300.0	281.1	
* 27 t-Butyl alcohol-d10 (IS)	65	2.171	2.165	0.006	93	218405	250.0	250.0	
29 2-Methyl-2-propanol	59	2.238	2.226	0.012	99	1220306	1500.0	1348.1	
31 Acrylonitrile	53	2.329	2.323	0.006	98	2283731	750.0	702.7	
32 trans-1,2-Dichloroethene	96	2.372	2.366	0.006	95	1534209	300.0	300.0	
33 Methyl tert-butyl ether	73	2.384	2.372	0.012	97	5469659	300.0	287.7	
34 Hexane	57	2.604	2.598	0.006	95	2875670	300.0	339.4	
35 1,1-Dichloroethane	63	2.725	2.713	0.012	96	2982555	300.0	285.4	
37 Isopropyl ether	45	2.799	2.787	0.012	93	5637122	300.0	291.2	
38 2-Chloro-1,3-butadiene	53	2.805	2.799	0.006	93	3031491	300.0	306.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	3.134	3.122	0.012	98	5387784	300.0	291.2	
40 cis-1,2-Dichloroethene	96	3.244	3.232	0.012	84	1649006	300.0	291.6	
41 2-Butanone (MEK)	43	3.244	3.238	0.006	100	2557024	600.0	567.9	
42 2,2-Dichloropropane	77	3.262	3.244	0.018	90	2694139	300.0	305.0	
44 Propionitrile	54	3.292	3.286	0.006	96	1868237	1500.0	1402.1	
43 Methyl acrylate	55	3.347	3.335	0.012	99	2307616	300.1	278.9	
46 Methacrylonitrile	67	3.445	3.433	0.012	94	2503674	750.0	733.7	
47 Chlorobromomethane	128	3.463	3.451	0.012	96	809005	300.0	293.0	
48 Tetrahydrofuran	71	3.500	3.488	0.012	93	1571596	1500.0	1395.2	
49 Chloroform	83	3.542	3.530	0.012	95	2771300	300.0	285.9	
$ 50 Dibromofluoromethane (Surr)	113	3.689	3.683	0.006	93	265770	50.0	48.6	
51 1,1,1-Trichloroethane	97	3.719	3.713	0.006	98	2545602	300.0	297.4	
53 Cyclohexane	56	3.786	3.768	0.018	93	3360877	300.0	326.0	
58 1,1-Dichloropropene	75	3.872	3.860	0.012	94	2489439	300.0	308.1	
59 Carbon tetrachloride	117	3.878	3.872	0.006	97	2258329	300.0	304.4	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	4.006	3.994	0.012	76	381045	50.0	47.9	
78 Isobutyl alcohol	41	4.006	4.000	0.006	94	1127537	3750.0	3471.7	
84 Benzene	78	4.067	4.055	0.012	97	6856094	300.0	297.7	
85 1,2-Dichloroethane	62	4.079	4.067	0.012	98	2570055	300.0	278.9	
87 Tert-amyl methyl ether	73	4.207	4.195	0.012	97	5168604	300.0	297.3	
* 88 Fluorobenzene (IS)	96	4.341	4.335	0.006	99	1154330	50.0	50.0	
89 n-Heptane	43	4.359	4.353	0.006	93	2855809	300.0	345.2	
96 n-Butanol	56	4.670	4.664	0.006	92	840112	3750.0	4046.3	
97 Trichloroethene	95	4.713	4.701	0.012	97	1709351	300.0	298.6	
99 Ethyl acrylate	55	4.847	4.841	0.006	99	3176367	300.1	325.1	M
98 Methylcyclohexane	83	4.914	4.902	0.012	92	3495839	300.0	343.5	
100 1,2-Dichloropropane	63	4.926	4.920	0.006	94	1881254	300.0	300.5	
101 2-ethoxy-2-methyl butane	87	5.005	5.000	0.005	92	2720448	300.0	312.6	
102 Dibromomethane	93	5.042	5.036	0.006	96	1095796	300.0	288.3	
103 1,4-Dioxane	88	5.073	5.073	0.000	89	255871	3750.0	3660.7	
104 Methyl methacrylate	69	5.085	5.079	0.006	93	1674756	300.0	311.5	
106 Dichlorobromomethane	83	5.219	5.213	0.006	99	2243875	300.0	291.4	
107 2-Nitropropane	41	5.457	5.445	0.012	98	4205754	1500.0	1404.9	
108 2-Chloroethyl vinyl ether	63	5.560	5.554	0.006	92	1469287	300.0	304.8	
109 cis-1,3-Dichloropropene	75	5.694	5.688	0.006	92	2987429	300.0	309.2	
110 4-Methyl-2-pentanone (MIBK)	43	5.877	5.871	0.006	98	5451982	600.0	603.7	
$ 111 Toluene-d8 (Surr)	98	5.975	5.969	0.006	94	1177439	50.0	50.1	
112 Toluene	92	6.048	6.042	0.006	98	4303629	300.0	299.2	
S 113 1,2-Dichloroethene, Total	100				0			591.6	
114 trans-1,3-Dichloropropene	75	6.298	6.292	0.006	97	2856323	300.0	315.8	
115 Ethyl methacrylate	69	6.438	6.432	0.006	90	2892446	300.0	319.5	
116 1,1,2-Trichloroethane	97	6.487	6.481	0.006	92	1542755	300.0	288.3	
117 Tetrachloroethene	166	6.639	6.633	0.006	98	1758774	300.0	309.5	
119 1,3-Dichloropropane	76	6.664	6.658	0.006	94	2871782	300.0	296.5	
121 2-Hexanone	43	6.792	6.786	0.006	98	4014728	600.0	614.7	
122 Chlorodibromomethane	129	6.908	6.902	0.006	91	1780276	300.0	299.7	
124 Ethylene Dibromide	107	7.011	7.005	0.006	99	1653318	300.0	295.8	
* 126 Chlorobenzene-d5 (IS)	117	7.523	7.523	0.000	87	834341	50.0	50.0	
127 Chlorobenzene	112	7.554	7.548	0.006	94	4653805	300.0	298.7	
128 1-Chlorohexane	91	7.572	7.566	0.006	95	2484244	300.0	343.3	
129 1,1,1,2-Tetrachloroethane	131	7.645	7.639	0.006	95	1586613	300.0	306.3	
130 Ethylbenzene	91	7.682	7.676	0.006	99	8377632	300.0	307.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
132 m-Xylene & p-Xylene	106	7.804	7.798	0.006	97	6608442	600.0	630.6	
133 o-Xylene	106	8.157	8.157	0.000	96	3212658	300.0	315.1	
134 n-Butyl acrylate	55	8.170	8.170	-0.001	96	4742074	300.0	347.3	
135 Styrene	104	8.176	8.170	0.006	95	5537821	300.0	319.5	
136 Bromoform	173	8.310	8.310	0.000	96	1320029	300.0	303.9	
137 Isopropylbenzene	105	8.487	8.487	0.000	97	8285863	300.0	320.4	
138 Cyclohexanone	55	8.535	8.535	0.000	96	1260473	3750.1	3776.7	
$ 140 4-Bromofluorobenzene (Surr)	95	8.602	8.596	0.006	88	436713	50.0	50.3	
142 Bromobenzene	156	8.712	8.712	0.000	97	1938590	300.0	292.3	
143 1,1,2,2-Tetrachloroethane	83	8.736	8.731	0.005	96	2602643	300.0	285.1	
144 1,2,3-Trichloropropane	110	8.761	8.755	0.006	87	748422	300.0	275.9	
145 trans-1,4-Dichloro-2-butene	53	8.785	8.779	0.006	95	2540762	750.0	761.6	
146 N-Propylbenzene	91	8.828	8.822	0.006	98	9821695	300.0	304.1	
147 2-Chlorotoluene	126	8.883	8.877	0.006	96	1907242	300.0	302.9	
148 4-Chlorotoluene	126	8.968	8.968	0.000	99	2040643	300.0	308.8	
149 1,3,5-Trimethylbenzene	105	8.974	8.974	0.000	95	7189187	300.0	320.0	
152 tert-Butylbenzene	134	9.218	9.218	0.000	94	1497473	300.0	324.7	
153 1,2,4-Trimethylbenzene	105	9.261	9.255	0.006	98	7243266	300.0	311.0	
154 sec-Butylbenzene	105	9.389	9.383	0.006	95	8829984	300.0	321.3	
155 1,3-Dichlorobenzene	146	9.450	9.450	0.000	97	3732601	300.0	304.1	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	51	478393	50.0	50.0	
156 4-Isopropyltoluene	119	9.499	9.499	0.000	96	7889291	300.0	325.4	
159 1,4-Dichlorobenzene	146	9.517	9.517	0.000	95	3840451	300.0	298.0	
160 1,2,3-Trimethylbenzene	105	9.566	9.566	0.000	99	7244489	300.0	303.5	
161 Benzyl chloride	91	9.620	9.621	-0.001	99	5643328	300.0	345.7	
162 1,3-Diethylbenzene	119	9.718	9.718	0.000	95	4377078	300.0	331.7	
163 p-Diethylbenzene	119	9.779	9.773	0.006	95	4884478	300.0	334.6	
164 1,2-Dichlorobenzene	146	9.785	9.785	0.000	96	3753310	300.0	302.0	
165 n-Butylbenzene	92	9.797	9.791	0.006	97	3987275	300.0	342.6	
166 o-diethylbenzene	119	9.858	9.858	0.000	96	3792639	300.0	319.0	
S 168 1,3-Dichloropropene, Total	100				0			625.0	
169 1,2-Dibromo-3-Chloropropane	75	10.322	10.322	0.000	81	664957	300.0	303.9	
170 1,3,5-Trichlorobenzene	180	10.474	10.474	0.000	97	2741617	300.0	317.0	
171 1,2,4-Trichlorobenzene	180	10.882	10.883	-0.001	94	2584340	300.0	315.8	
172 Hexachlorobutadiene	225	10.998	10.998	0.000	98	1082649	300.0	312.7	
173 2-Ethylhexyl acrylate	55	11.029	11.029	0.000	83	3045505	300.1	367.1	
174 Naphthalene	128	11.035	11.035	0.000	98	8457393	300.0	304.6	
175 1,2,3-Trichlorobenzene	180	11.193	11.193	0.000	95	2415213	300.0	297.7	
S 176 Xylenes, Total	106				0			945.8	
177 2-Methylnaphthalene	142	11.754	11.754	0.000	92	3984730	300.0	323.0	
S 193 Total Diethylbenzene	1				0			985.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#3_00253	Amount Added:	12.00	Units: uL	
MSV_CCV_2CEVE_00243	Amount Added:	15.00	Units: uL	
MSV_CCV_GASES_01095	Amount Added:	7.50	Units: uL	
MSV_CCV_CYC_00012	Amount Added:	30.00	Units: uL	
MSV_CCV_OH_Sp_00025	Amount Added:	15.00	Units: uL	
MSV_CCV_EE_00009	Amount Added:	15.00	Units: uL	
MSV_CCV_VOC#1_00251	Amount Added:	15.00	Units: uL	
MSV_Cent_ISSS_00038	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 04-Sep-2025 10:36:39 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Injection Date: 03-Sep-2025 04:40:30 Instrument ID: 15648 Operator ID: gaw91131

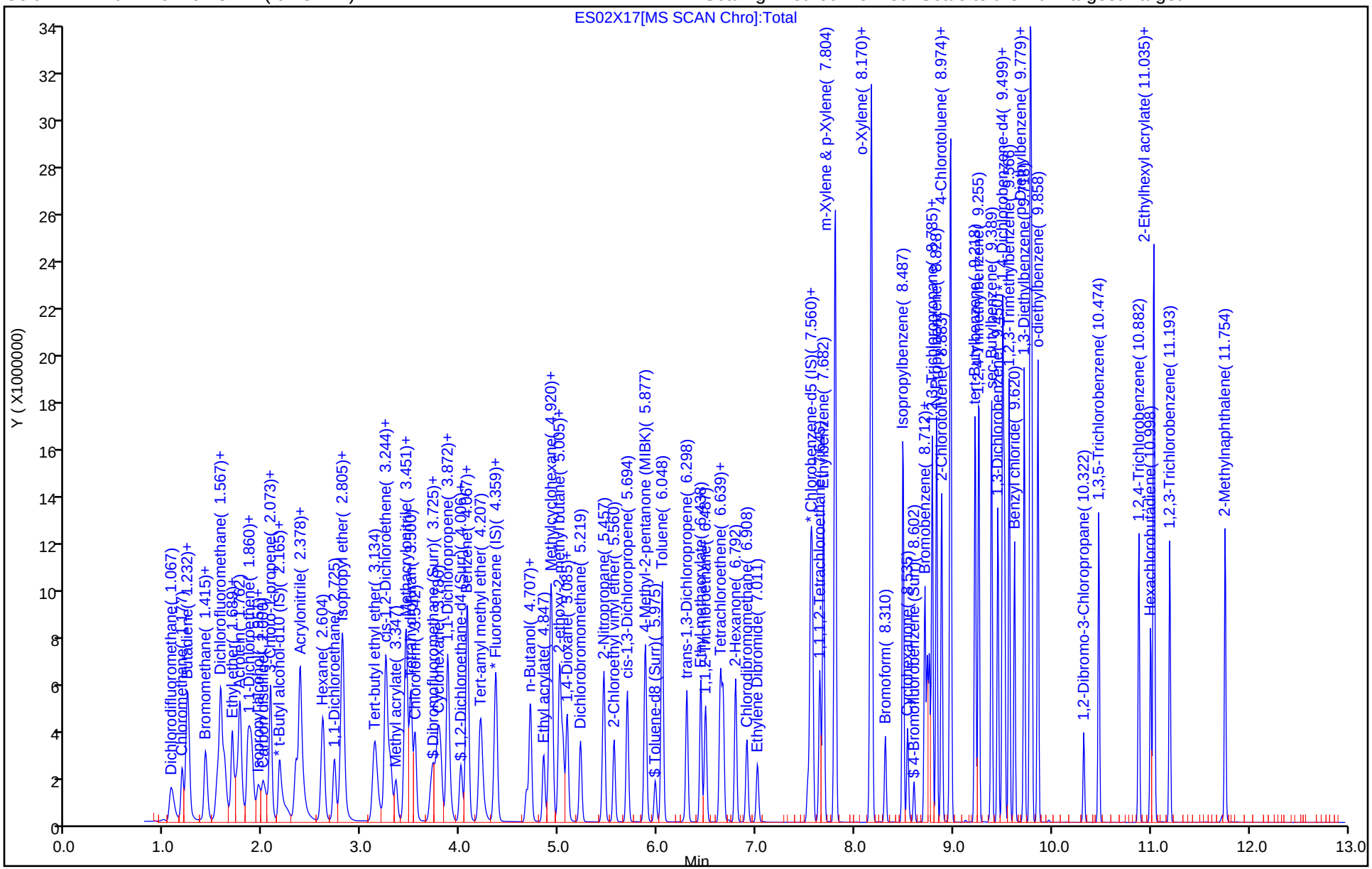
Lims ID: IC v300 Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: MSVoa_15648 Limit Group: MSV - 8260C_D

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

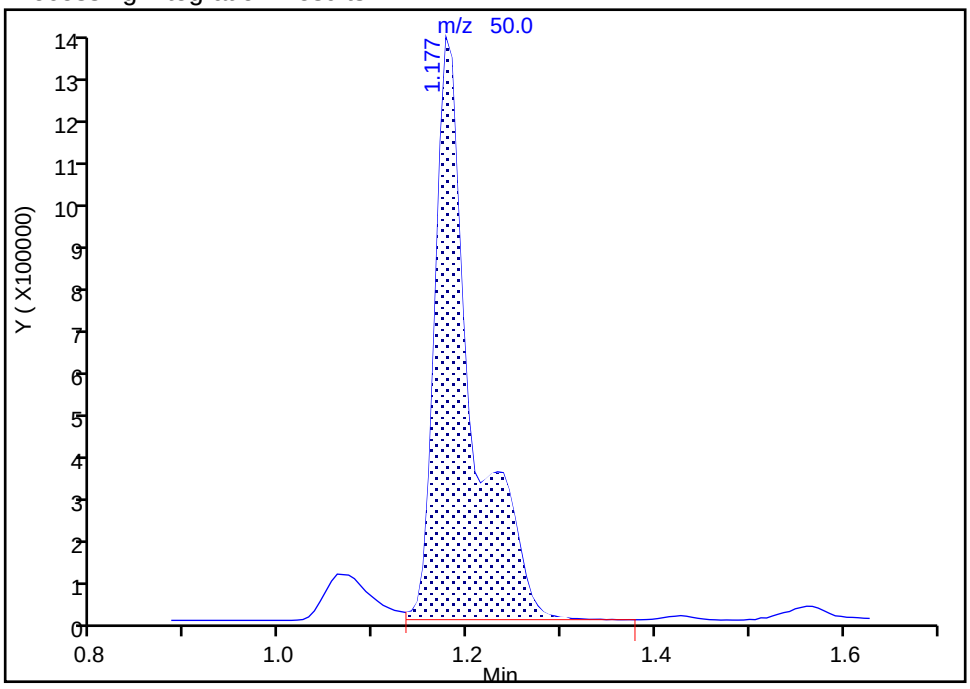
Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D
Injection Date: 03-Sep-2025 04:40:30 Instrument ID: 15648
Lims ID: IC v300
Client ID:
Operator ID: gaw91131 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15648 Limit Group: MSV - 8260C_D
Column: DB-624 20m 0.18mm (0.18 mm) Detector MS Quad

4 Chloromethane, CAS: 74-87-3

Signal: 1

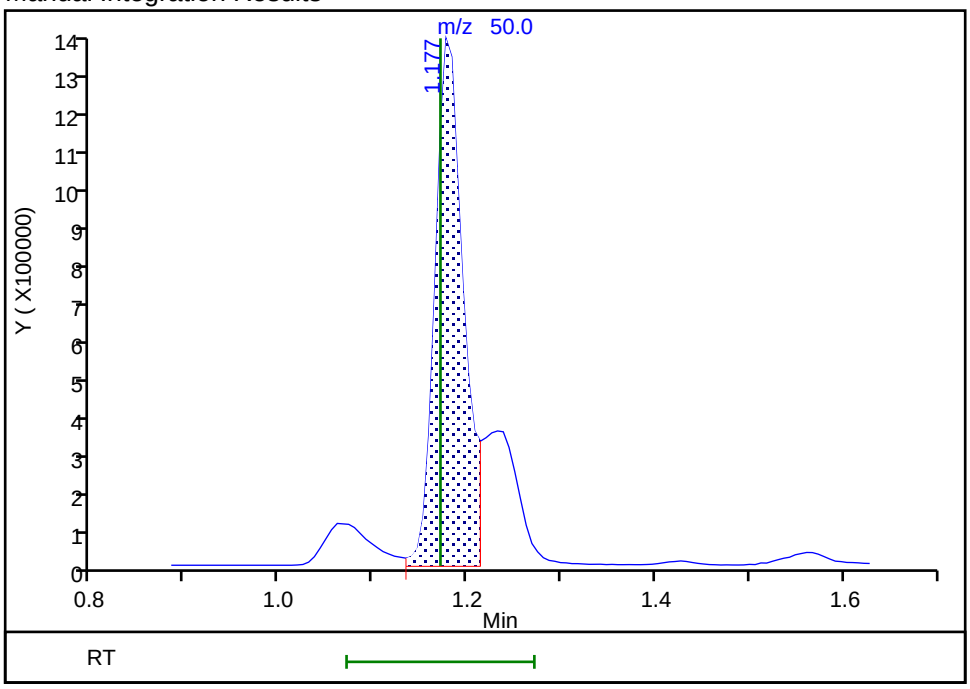
Processing Integration Results

RT: 1.18
Area: 3654319
Amount: 301.9840
Amount Units: ug/l



Manual Integration Results

RT: 1.18
Area: 2814987
Amount: 275.1078
Amount Units: ug/l



Reviewer: DVW2, 03-Sep-2025 07:55:37 -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

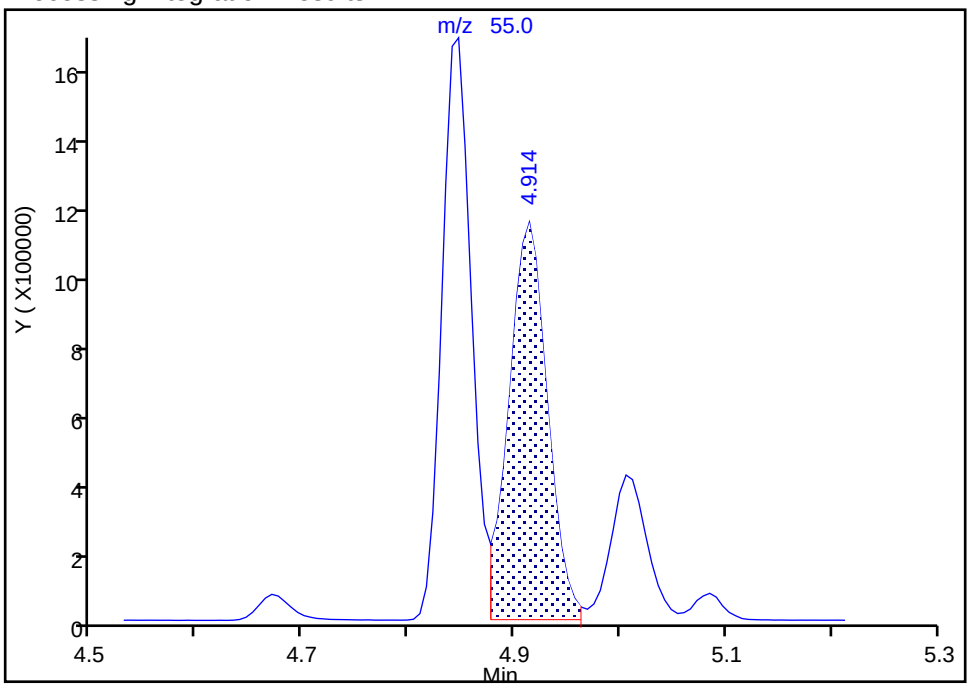
Data File:	\\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D				
Injection Date:	03-Sep-2025 04:40:30	Instrument ID:	15648		
Lims ID:	IC v300				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

99 Ethyl acrylate, CAS: 140-88-5

Signal: 1

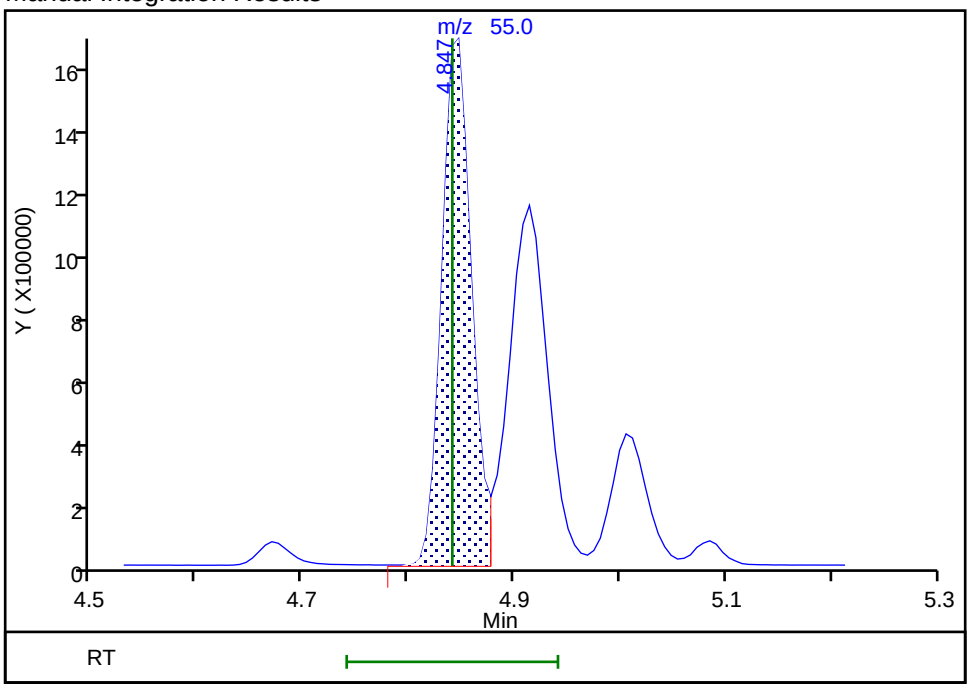
Processing Integration Results

RT: 4.91
Area: 2821933
Amount: 293.8632
Amount Units: ug/l



Manual Integration Results

RT: 4.85
Area: 3176367
Amount: 325.0619
Amount Units: ug/l



Reviewer: UCB5, 04-Sep-2025 10:23:52 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Wrong peak

Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

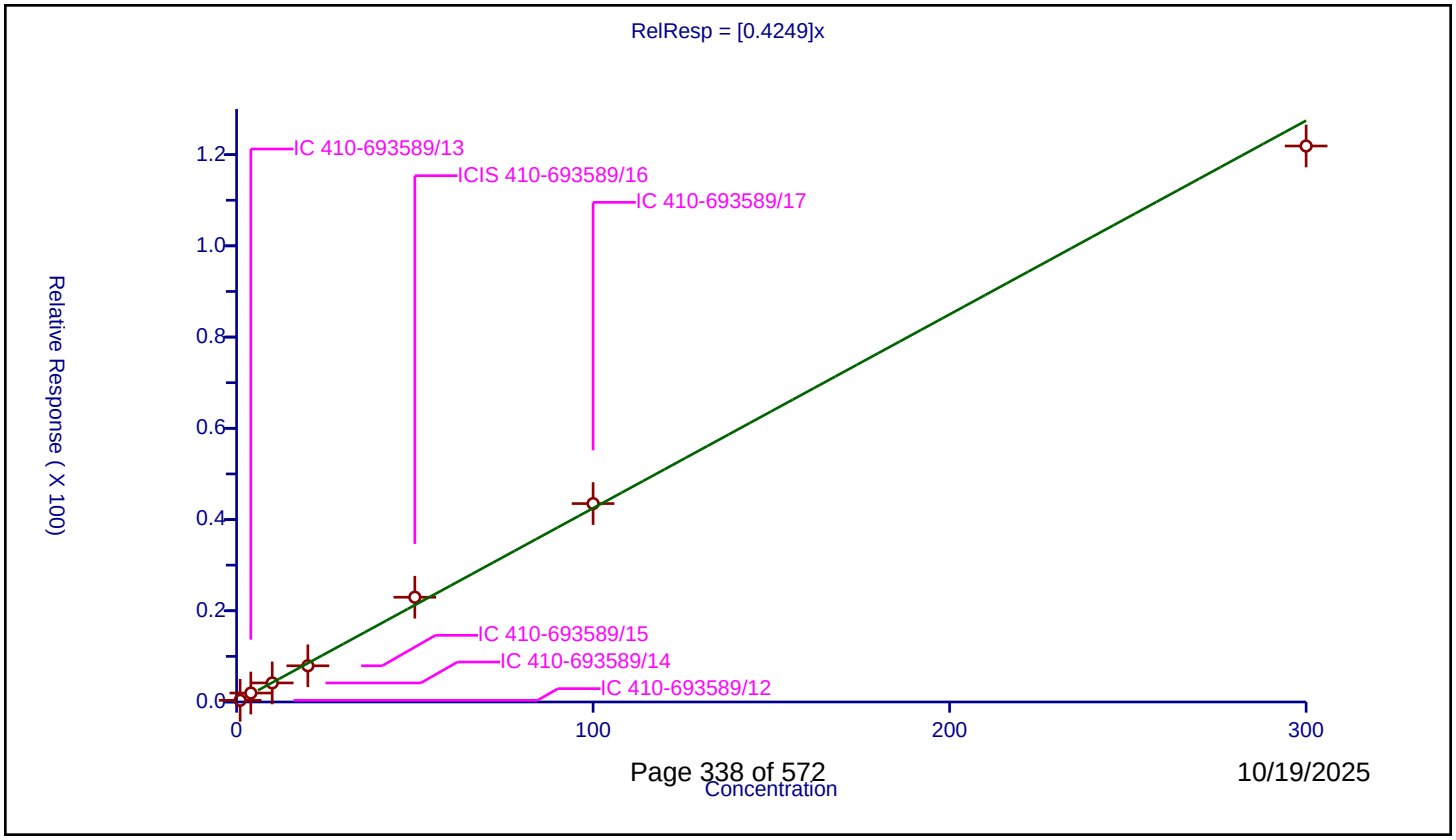
Curve Coefficients

Intercept:	0
Slope:	0.4249

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.368095	50.0	1009659.0	0.368095	Y
2	IC 410-693589/13	4.0	1.96416	50.0	1003228.0	0.49104	Y
3	IC 410-693589/14	10.0	4.174645	50.0	1000636.0	0.417464	Y
4	IC 410-693589/15	20.0	7.937937	50.0	1021991.0	0.396897	Y
5	ICIS 410-693589/16	50.0	22.968048	50.0	1019414.0	0.459361	Y
6	IC 410-693589/17	100.0	43.498288	50.0	1073671.0	0.434983	Y
7	IC 410-693589/18	300.0	121.890274	50.0	1154330.0	0.406301	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

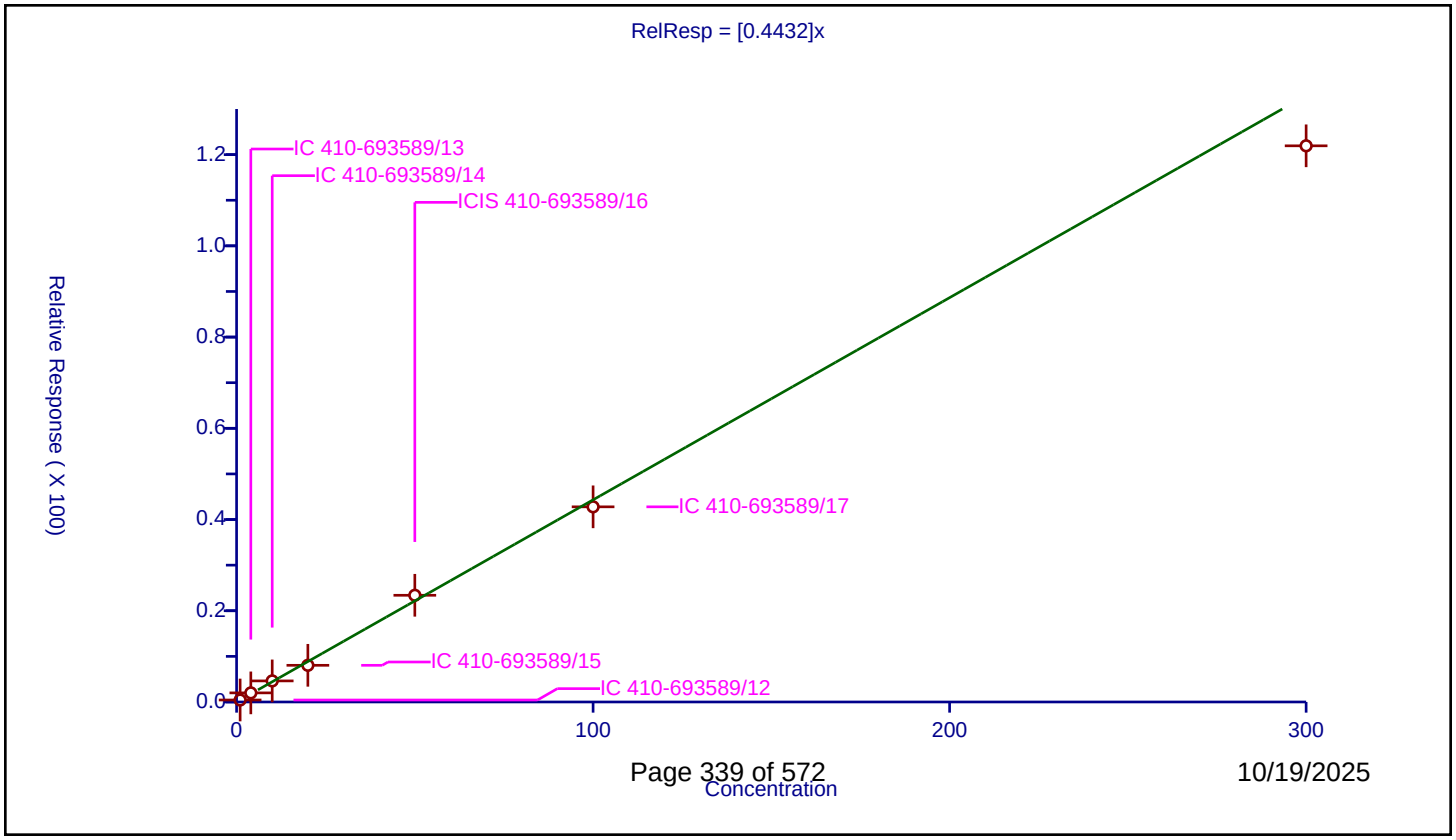
Curve Coefficients

Intercept:	0
Slope:	0.4432

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.437078	50.0	1009659.0	0.437078	Y
2	IC 410-693589/13	4.0	1.994562	50.0	1003228.0	0.49864	Y
3	IC 410-693589/14	10.0	4.624209	50.0	1000636.0	0.462421	Y
4	IC 410-693589/15	20.0	8.043711	50.0	1021991.0	0.402186	Y
5	ICIS 410-693589/16	50.0	23.394175	50.0	1019414.0	0.467884	Y
6	IC 410-693589/17	100.0	42.785127	50.0	1073671.0	0.427851	Y
7	IC 410-693589/18	300.0	121.93164	50.0	1154330.0	0.406439	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

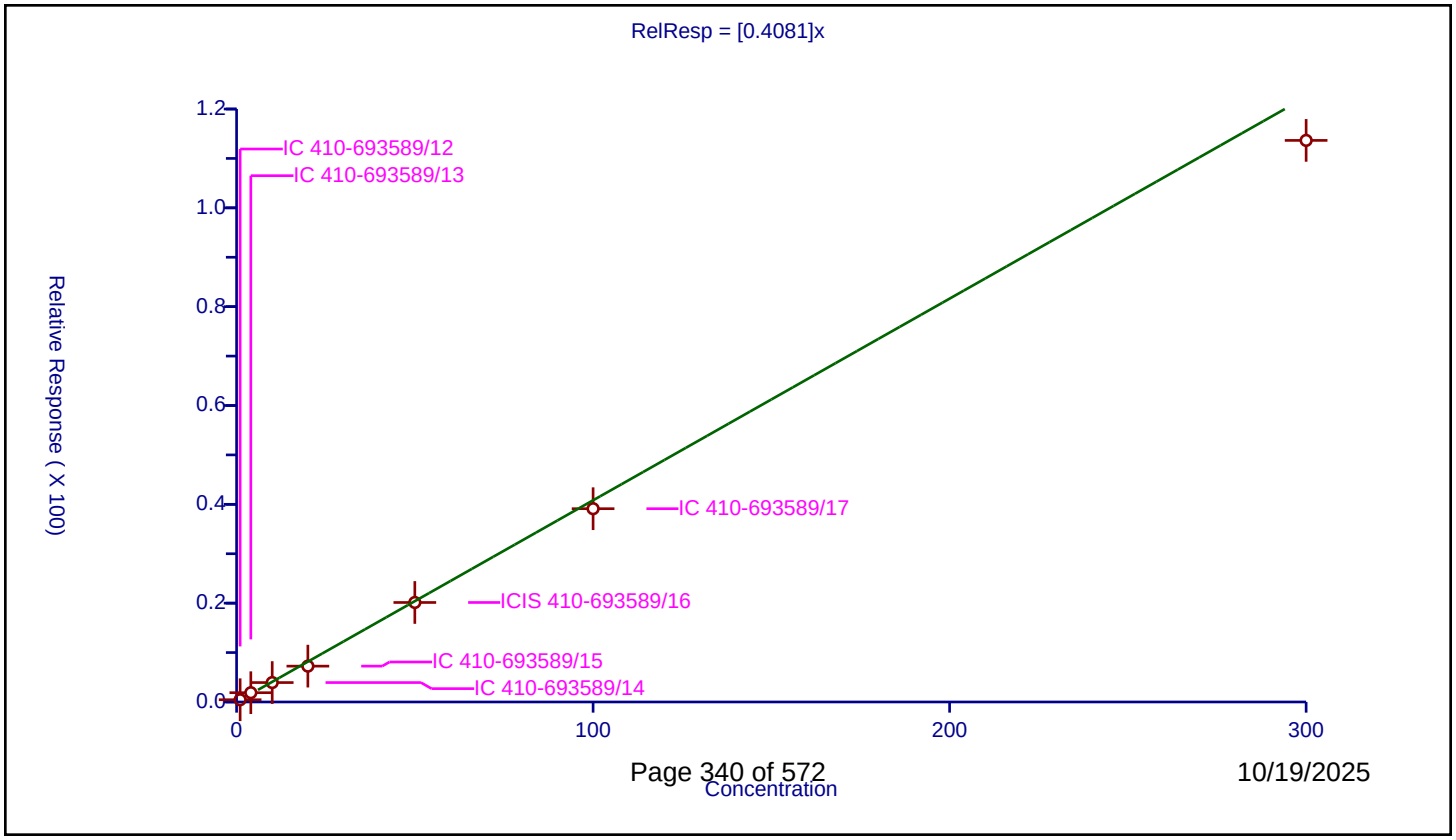
Curve Coefficients

Intercept:	0
Slope:	0.4081

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.458075	50.0	1009659.0	0.458075	Y
2	IC 410-693589/13	4.0	1.88048	50.0	1003228.0	0.47012	Y
3	IC 410-693589/14	10.0	3.9308	50.0	1000636.0	0.39308	Y
4	IC 410-693589/15	20.0	7.258136	50.0	1021991.0	0.362907	Y
5	ICIS 410-693589/16	50.0	20.137402	50.0	1019414.0	0.402748	Y
6	IC 410-693589/17	100.0	39.114356	50.0	1073671.0	0.391144	Y
7	IC 410-693589/18	300.0	113.646228	50.0	1154330.0	0.378821	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

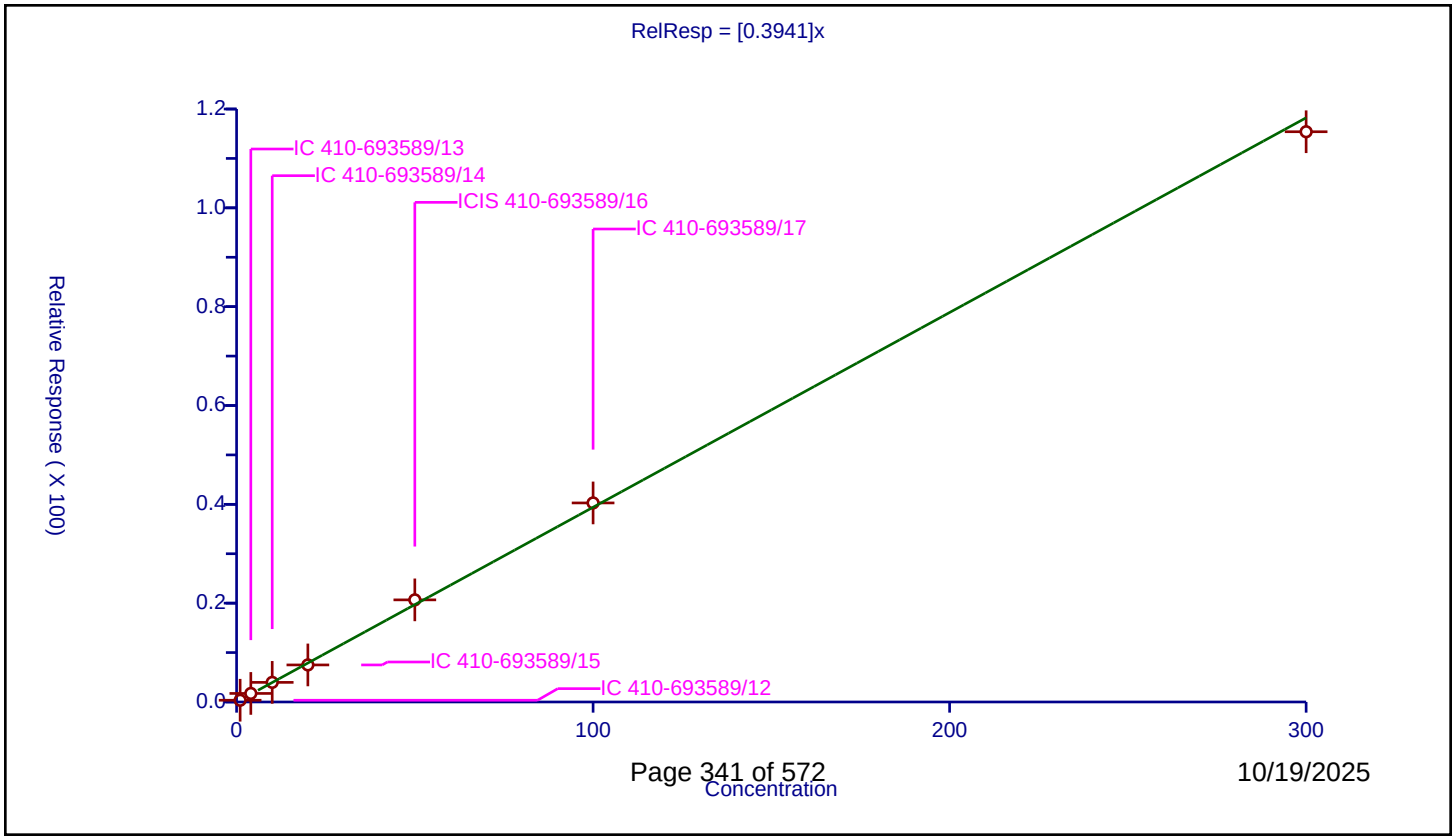
Curve Coefficients

Intercept:	0
Slope:	0.3941

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.352693	50.0	1009659.0	0.352693	Y
2	IC 410-693589/13	4.0	1.731959	50.0	1003228.0	0.43299	Y
3	IC 410-693589/14	10.0	3.971674	50.0	1000636.0	0.397167	Y
4	IC 410-693589/15	20.0	7.499088	50.0	1021991.0	0.374954	Y
5	ICIS 410-693589/16	50.0	20.667364	50.0	1019414.0	0.413347	Y
6	IC 410-693589/17	100.0	40.280309	50.0	1073671.0	0.402803	Y
7	IC 410-693589/18	300.0	115.399886	50.0	1154330.0	0.384666	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

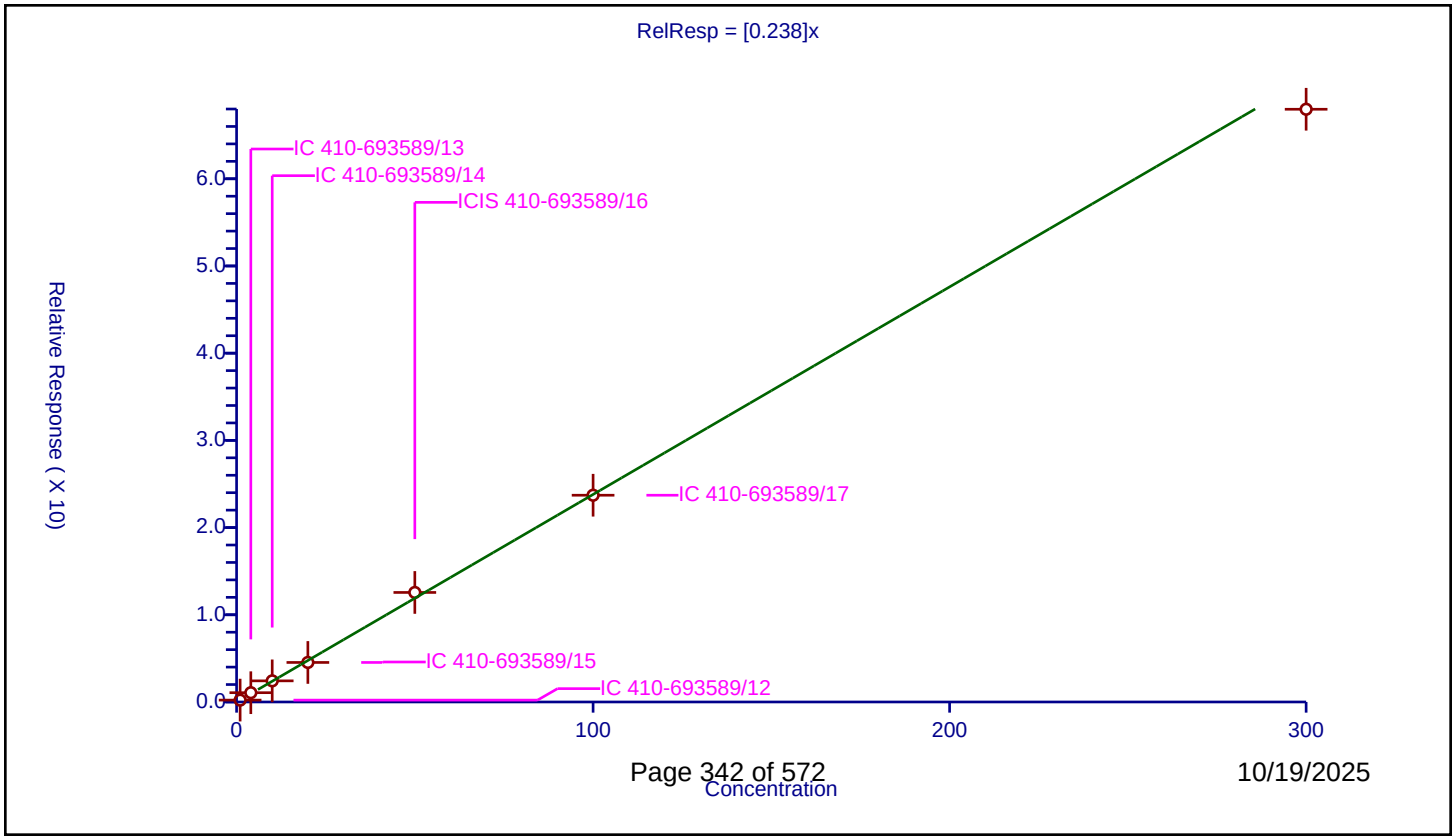
Curve Coefficients

Intercept:	0
Slope:	0.238

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.216063	50.0	1009659.0	0.216063	Y
2	IC 410-693589/13	4.0	1.064813	50.0	1003228.0	0.266203	Y
3	IC 410-693589/14	10.0	2.42211	50.0	1000636.0	0.242211	Y
4	IC 410-693589/15	20.0	4.532476	50.0	1021991.0	0.226624	Y
5	ICIS 410-693589/16	50.0	12.561432	50.0	1019414.0	0.251229	Y
6	IC 410-693589/17	100.0	23.71164	50.0	1073671.0	0.237116	Y
7	IC 410-693589/18	300.0	67.972504	50.0	1154330.0	0.226575	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

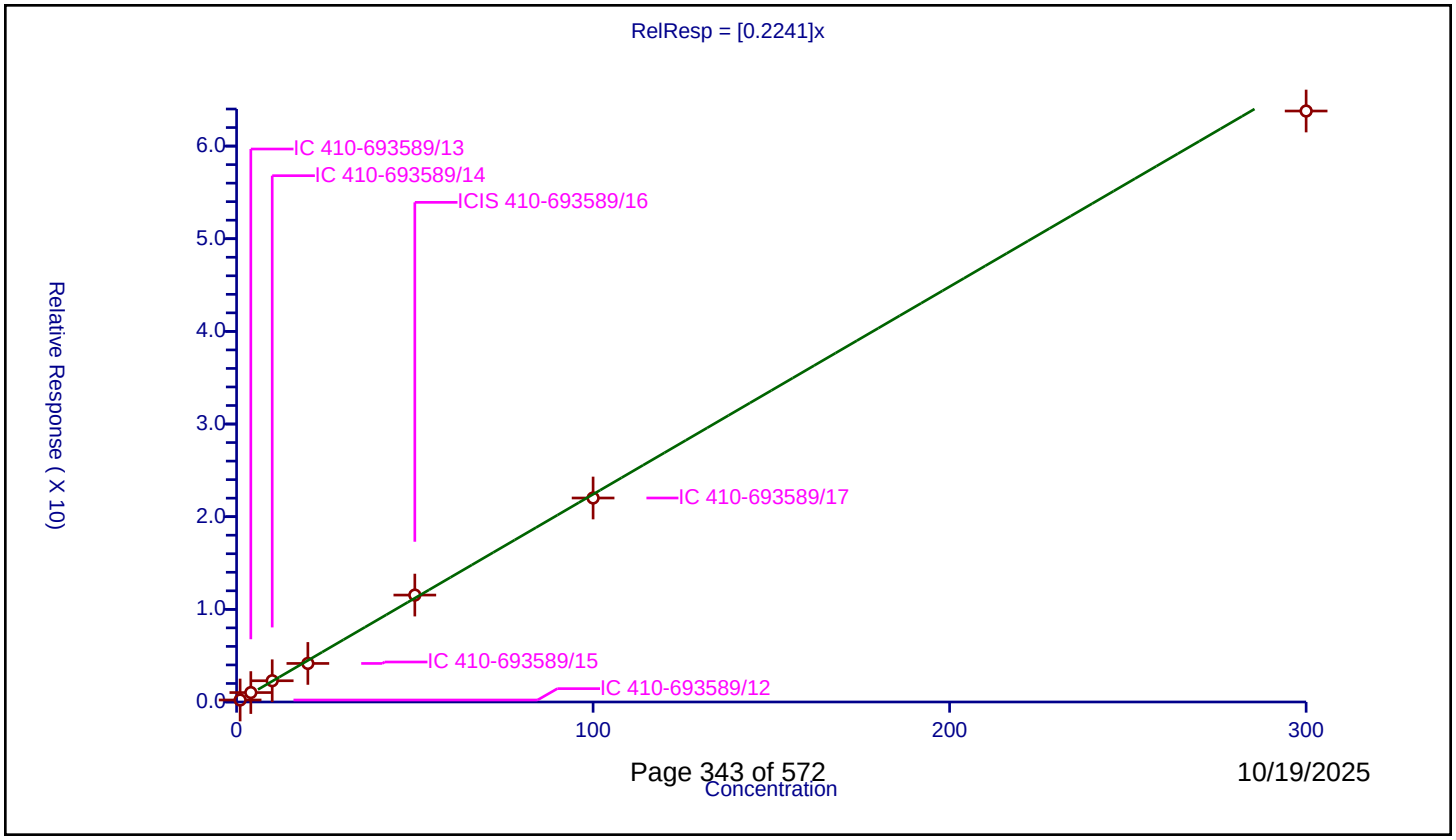
Curve Coefficients

Intercept:	0
Slope:	0.2241

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.214033	50.0	1009659.0	0.214033	Y
2	IC 410-693589/13	4.0	1.01607	50.0	1003228.0	0.254018	Y
3	IC 410-693589/14	10.0	2.293791	50.0	1000636.0	0.229379	Y
4	IC 410-693589/15	20.0	4.160408	50.0	1021991.0	0.20802	Y
5	ICIS 410-693589/16	50.0	11.53859	50.0	1019414.0	0.230772	Y
6	IC 410-693589/17	100.0	22.016521	50.0	1073671.0	0.220165	Y
7	IC 410-693589/18	300.0	63.7828	50.0	1154330.0	0.212609	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

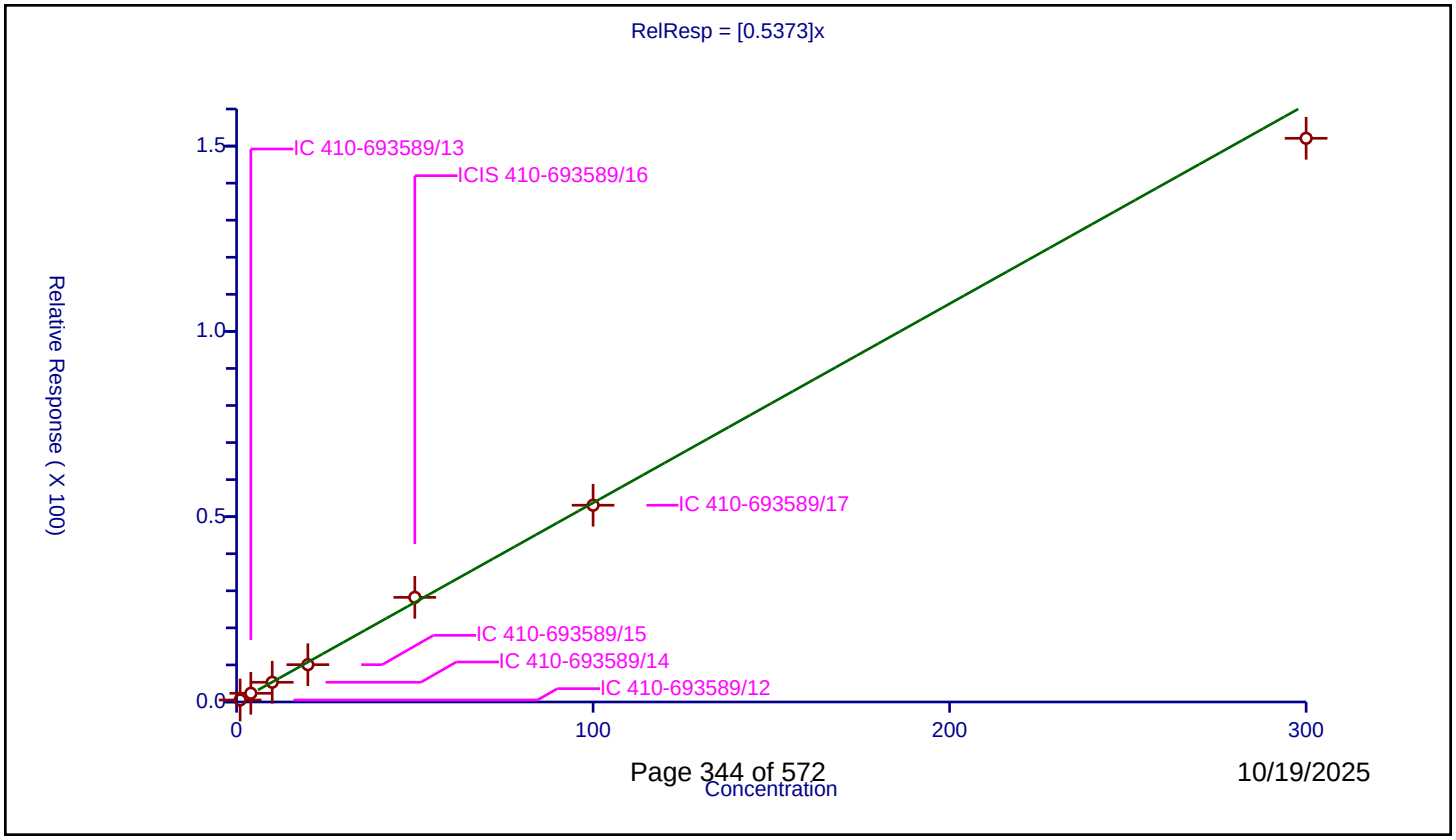
Curve Coefficients

Intercept:	0
Slope:	0.5373

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.535428	50.0	1009659.0	0.535428	Y
2	IC 410-693589/13	4.0	2.349715	50.0	1003228.0	0.587429	Y
3	IC 410-693589/14	10.0	5.323464	50.0	1000636.0	0.532346	Y
4	IC 410-693589/15	20.0	10.067505	50.0	1021991.0	0.503375	Y
5	ICIS 410-693589/16	50.0	28.231464	50.0	1019414.0	0.564629	Y
6	IC 410-693589/17	100.0	53.093592	50.0	1073671.0	0.530936	Y
7	IC 410-693589/18	300.0	152.098663	50.0	1154330.0	0.506996	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

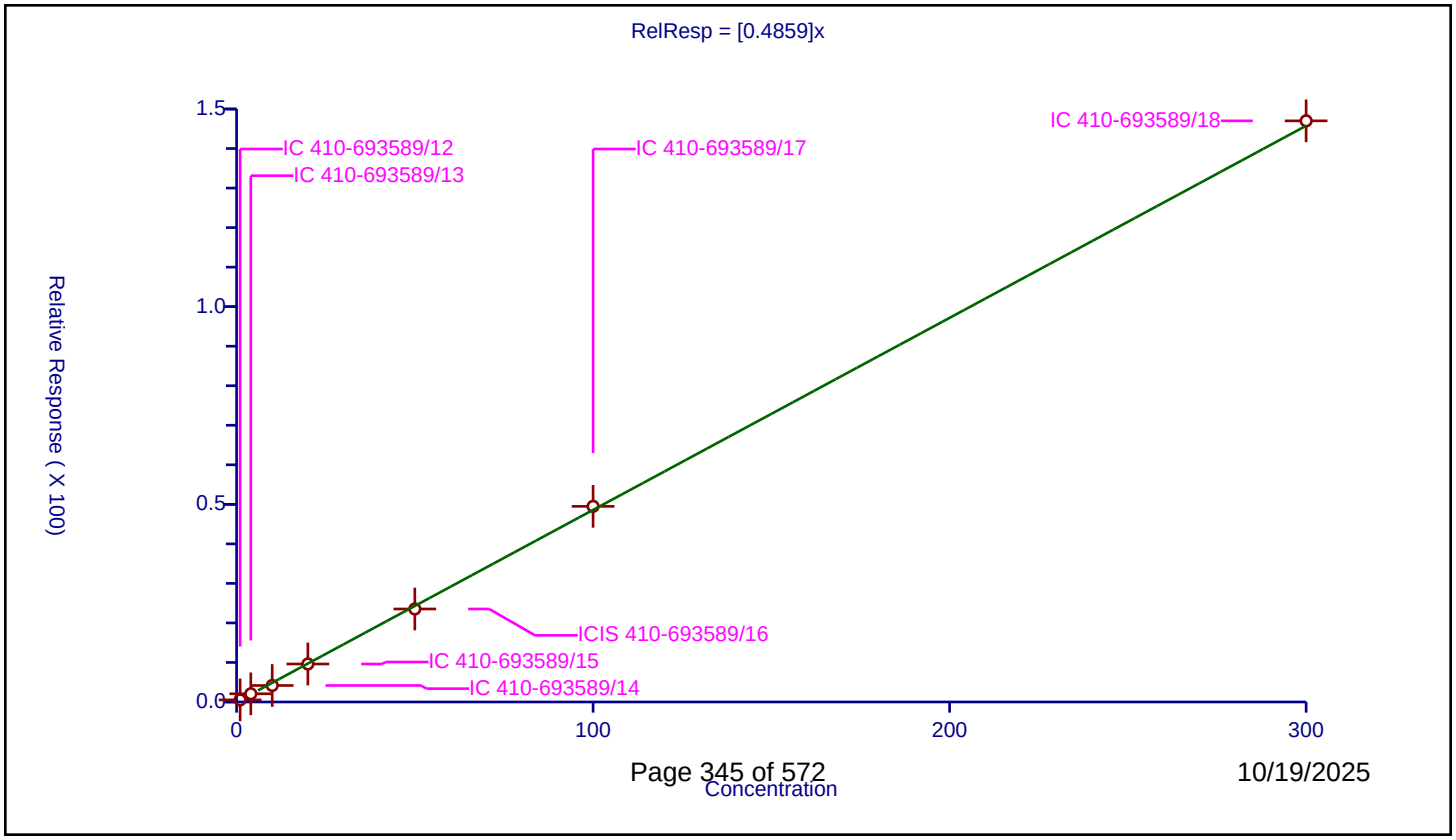
Curve Coefficients

Intercept:	0
Slope:	0.4859

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.53003	50.0	1009659.0	0.53003	Y
2	IC 410-693589/13	4.0	2.072211	50.0	1003228.0	0.518053	Y
3	IC 410-693589/14	10.0	4.169698	50.0	1000636.0	0.41697	Y
4	IC 410-693589/15	20.0	9.611092	50.0	1021991.0	0.480555	Y
5	ICIS 410-693589/16	50.0	23.522828	50.0	1019414.0	0.470457	Y
6	IC 410-693589/17	100.0	49.487646	50.0	1073671.0	0.494876	Y
7	IC 410-693589/18	300.0	147.006142	50.0	1154330.0	0.49002	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

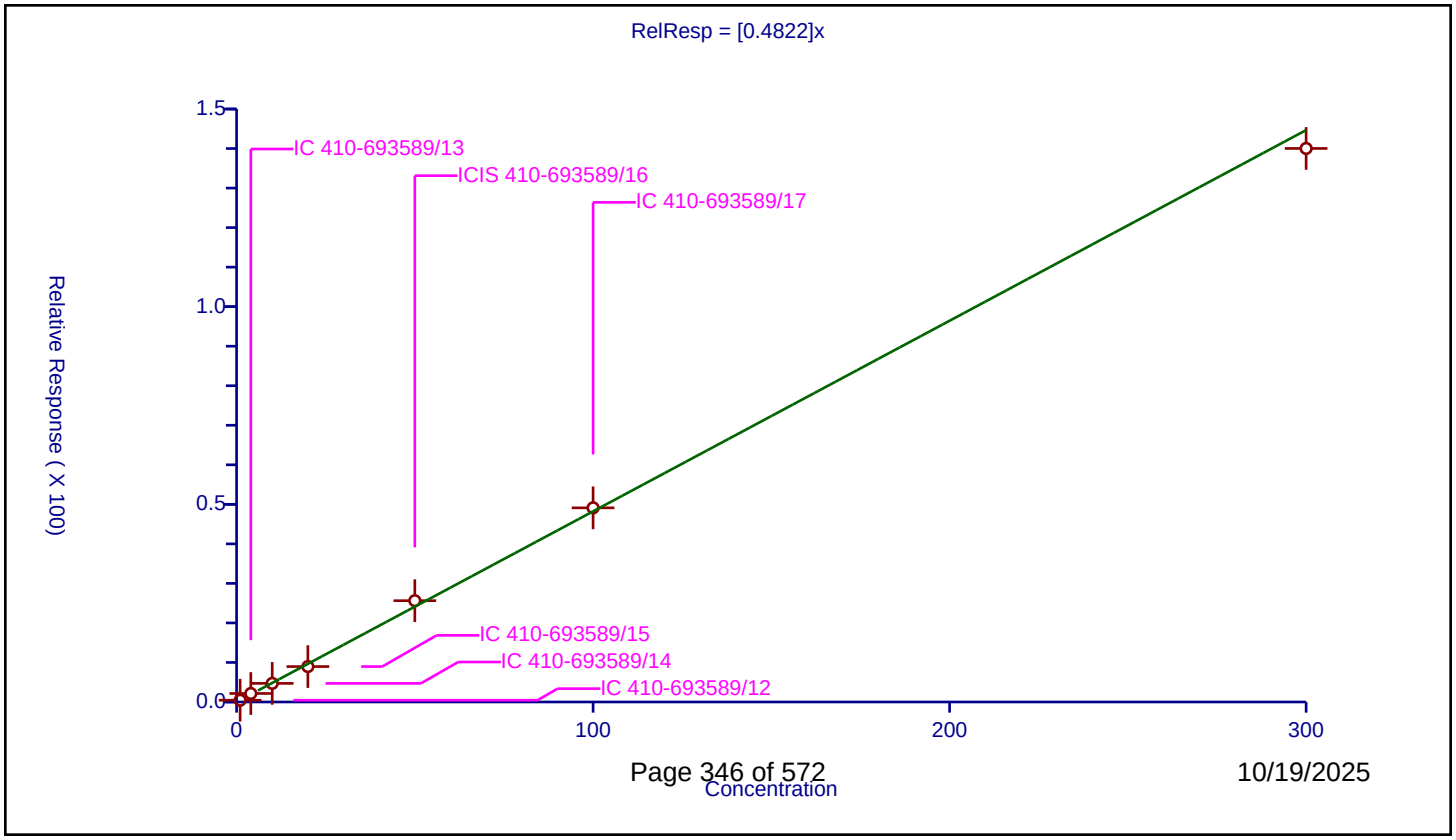
Curve Coefficients

Intercept:	0
Slope:	0.4822

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.448716	50.0	1009659.0	0.448716	Y
2	IC 410-693589/13	4.0	2.150309	50.0	1003228.0	0.537577	Y
3	IC 410-693589/14	10.0	4.706707	50.0	1000636.0	0.470671	Y
4	IC 410-693589/15	20.0	8.963533	50.0	1021991.0	0.448177	Y
5	ICIS 410-693589/16	50.0	25.623692	50.0	1019414.0	0.512474	Y
6	IC 410-693589/17	100.0	49.110295	50.0	1073671.0	0.491103	Y
7	IC 410-693589/18	300.0	140.021311	50.0	1154330.0	0.466738	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

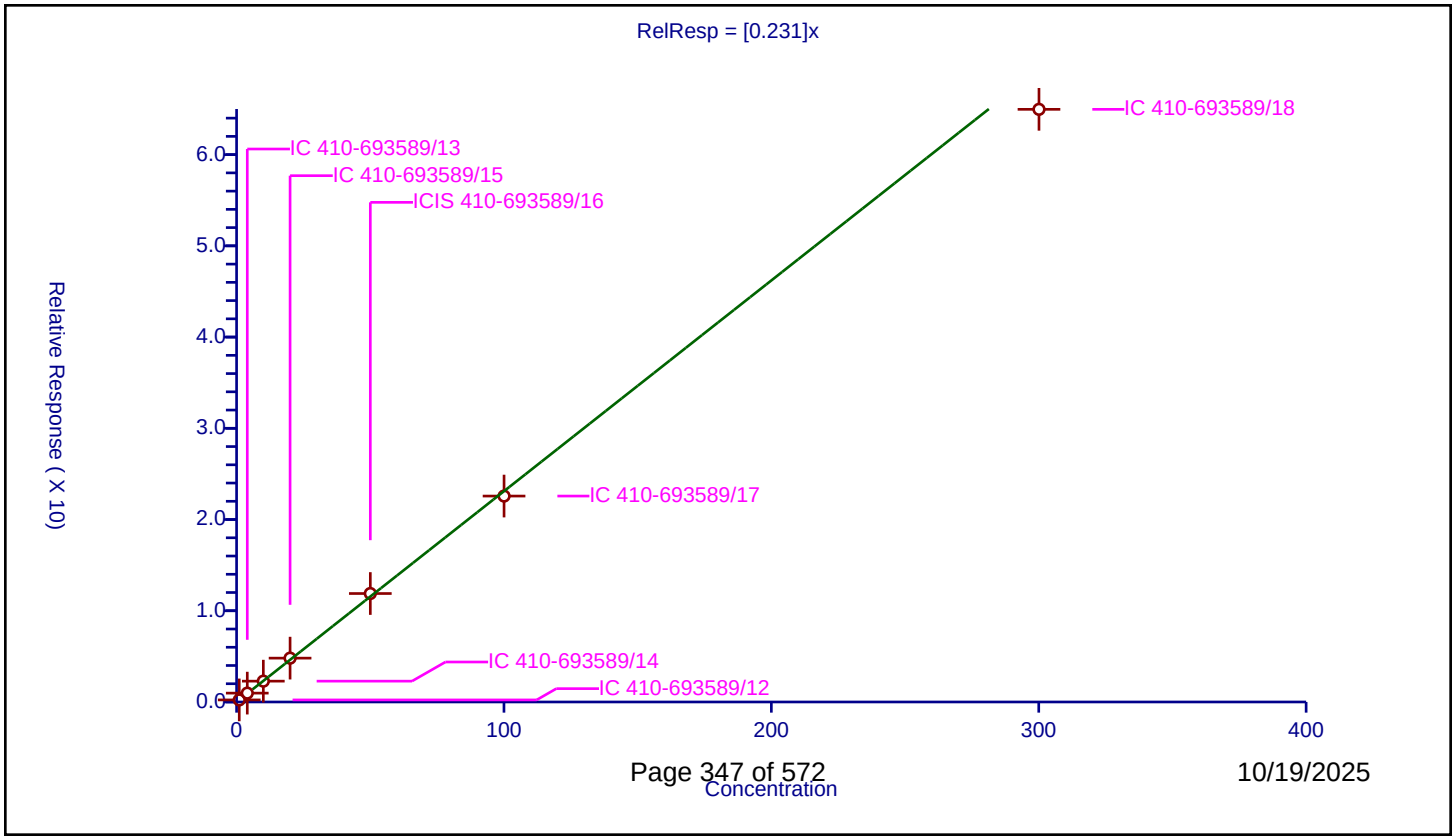
Curve Coefficients

Intercept:	0
Slope:	0.231

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.000332	0.225967	50.0	1009659.0	0.225892	Y
2	IC 410-693589/13	4.001328	0.972012	50.0	1003228.0	0.242922	Y
3	IC 410-693589/14	10.00332	2.283947	50.0	1000636.0	0.228319	Y
4	IC 410-693589/15	20.00664	4.806451	50.0	1021991.0	0.240243	Y
5	ICIS 410-693589/16	50.0166	11.8909	50.0	1019414.0	0.237739	Y
6	IC 410-693589/17	100.0332	22.573768	50.0	1073671.0	0.225663	Y
7	IC 410-693589/18	300.0996	64.963572	50.0	1154330.0	0.216473	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

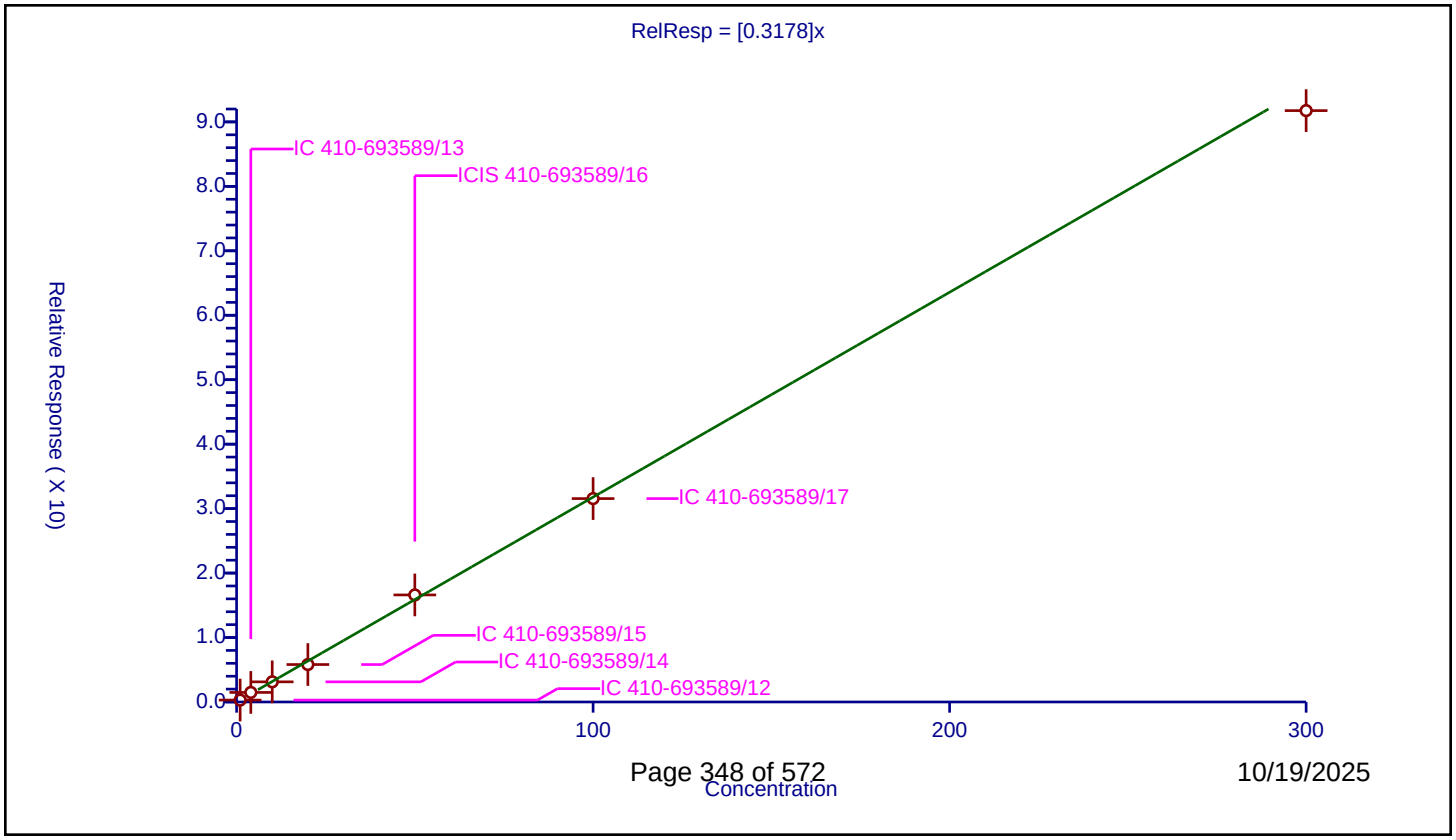
Curve Coefficients

Intercept:	0
Slope:	0.3178

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.297229	50.0	1009659.0	0.297229	Y
2	IC 410-693589/13	4.0	1.484309	50.0	1003228.0	0.371077	Y
3	IC 410-693589/14	10.0	3.125162	50.0	1000636.0	0.312516	Y
4	IC 410-693589/15	20.0	5.810374	50.0	1021991.0	0.290519	Y
5	ICIS 410-693589/16	50.0	16.607924	50.0	1019414.0	0.332158	Y
6	IC 410-693589/17	100.0	31.557805	50.0	1073671.0	0.315578	Y
7	IC 410-693589/18	300.0	91.753745	50.0	1154330.0	0.305846	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

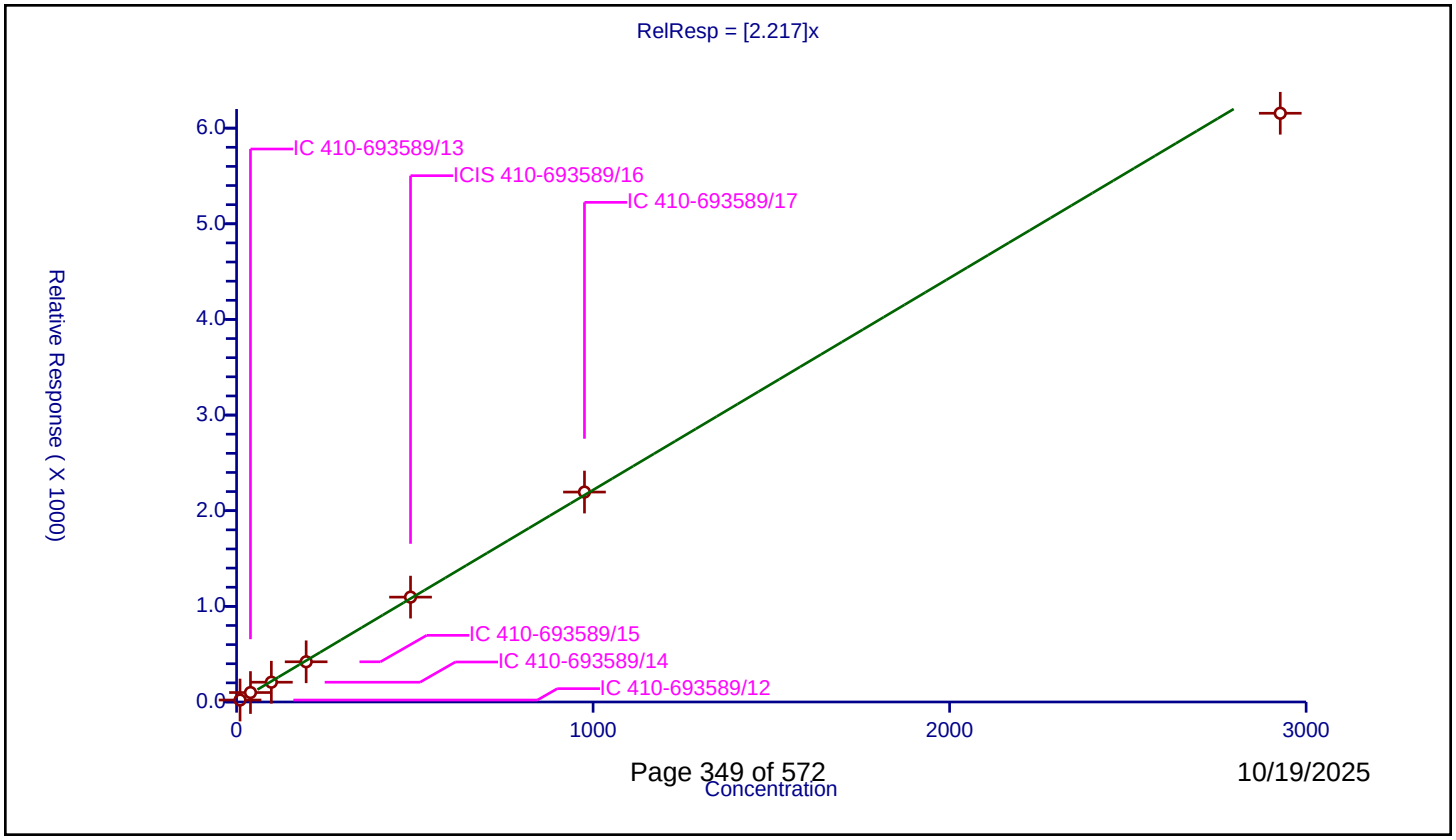
Curve Coefficients

Intercept:	0
Slope:	2.217

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	9.758304	20.595734	250.0	184747.0	2.110585	Y
2	IC 410-693589/13	39.033216	98.978815	250.0	183855.0	2.535759	Y
3	IC 410-693589/14	97.58304	206.709736	250.0	186751.0	2.118296	Y
4	IC 410-693589/15	195.16608	420.253009	250.0	186634.0	2.15331	Y
5	ICIS 410-693589/16	487.9152	1096.423657	250.0	192585.0	2.24716	Y
6	IC 410-693589/17	975.830399	2194.948733	250.0	198960.0	2.249314	Y
7	IC 410-693589/18	2927.491198	6155.748495	250.0	218405.0	2.102739	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

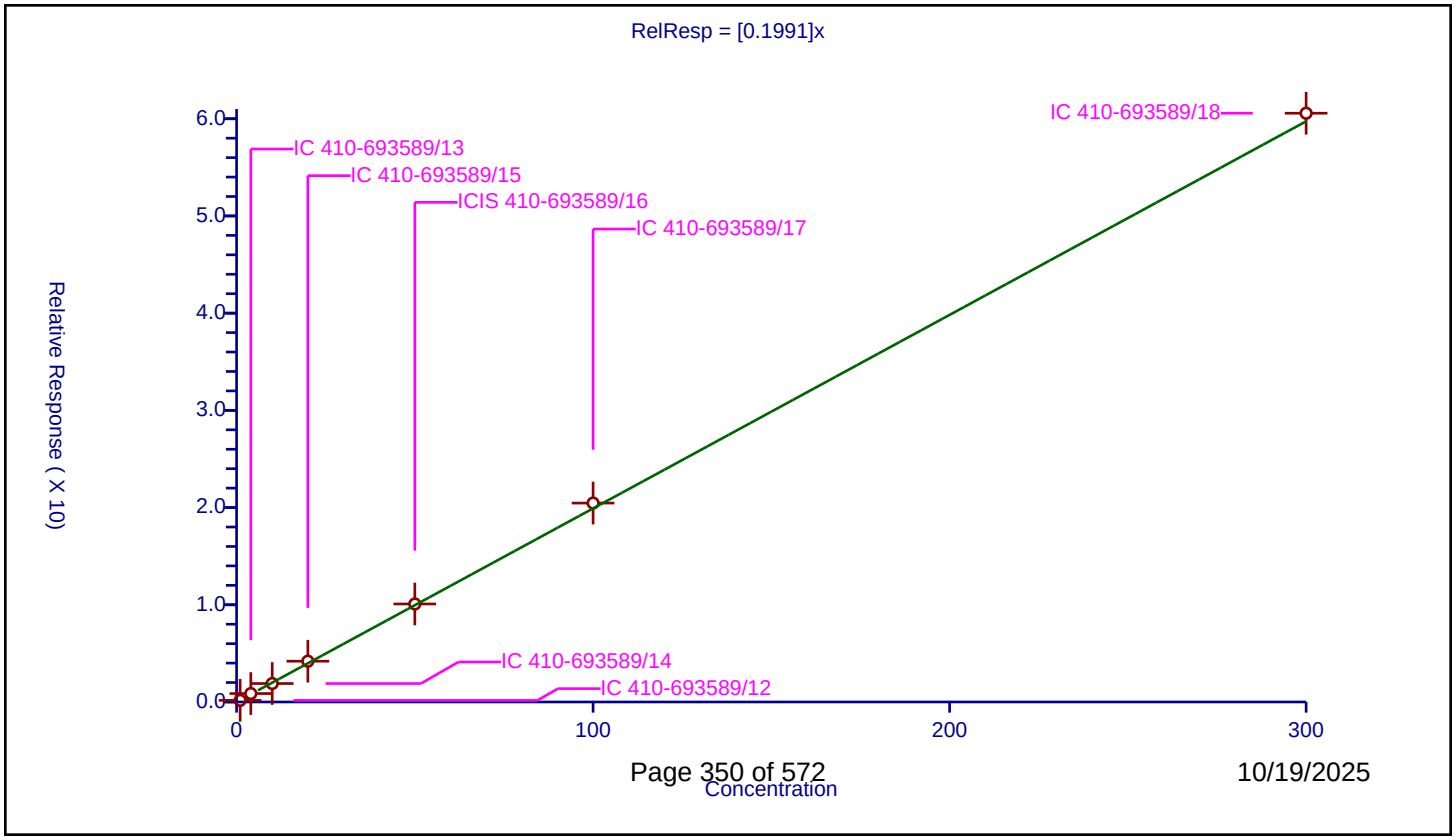
Curve Coefficients

Intercept:	0
Slope:	0.1991

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.168572	50.0	1009659.0	0.168572	Y
2	IC 410-693589/13	4.0	0.869244	50.0	1003228.0	0.217311	Y
3	IC 410-693589/14	10.0	1.899892	50.0	1000636.0	0.189989	Y
4	IC 410-693589/15	20.0	4.194509	50.0	1021991.0	0.209725	Y
5	ICIS 410-693589/16	50.0	10.082999	50.0	1019414.0	0.20166	Y
6	IC 410-693589/17	100.0	20.463252	50.0	1073671.0	0.204633	Y
7	IC 410-693589/18	300.0	60.567255	50.0	1154330.0	0.201891	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

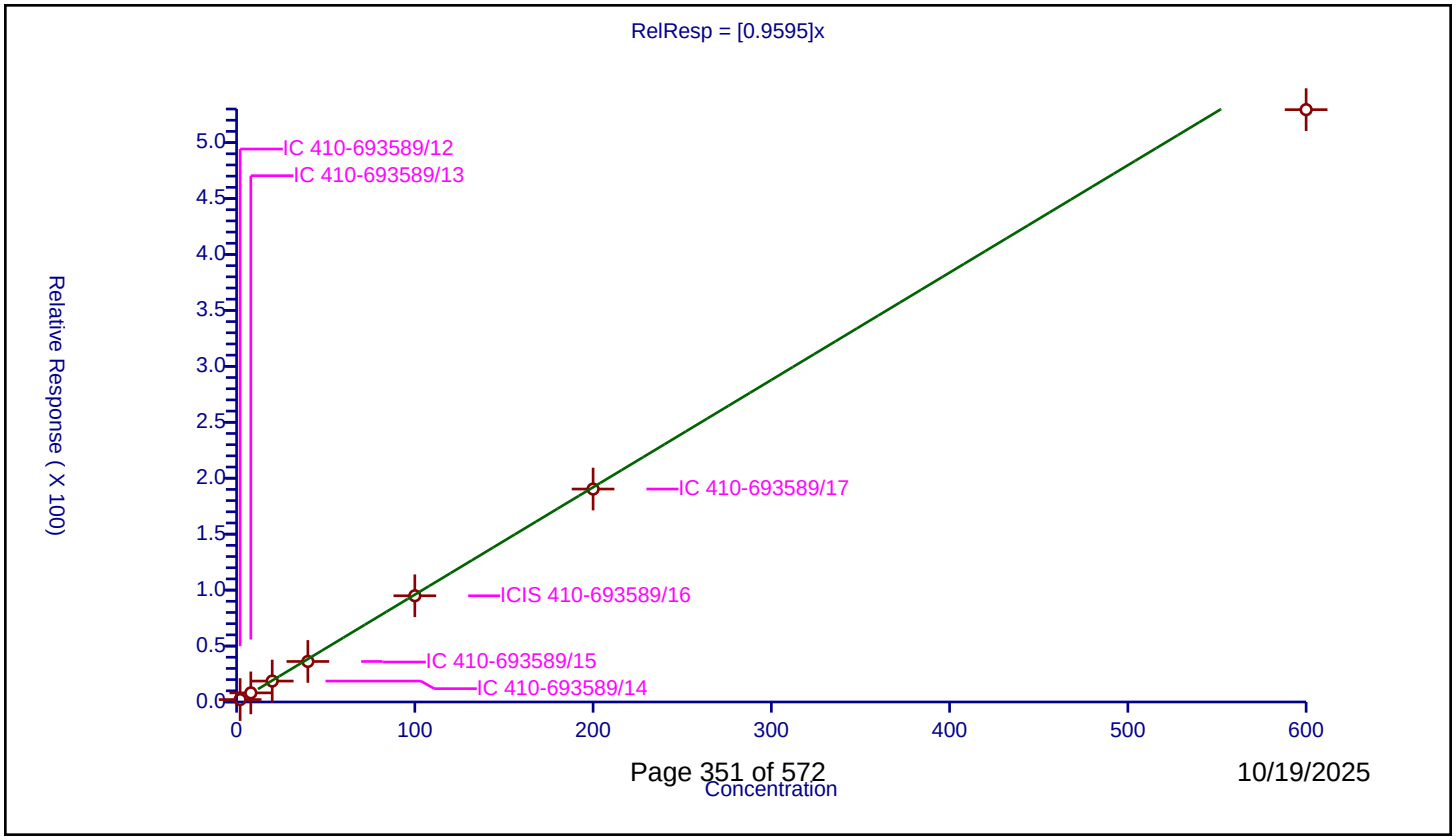
Curve Coefficients

Intercept:	0
Slope:	0.9595

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	2.0	2.151591	250.0	184747.0	1.075796	Y
2	IC 410-693589/13	8.0	8.135487	250.0	183855.0	1.016936	Y
3	IC 410-693589/14	20.0	18.701372	250.0	186751.0	0.935069	Y
4	IC 410-693589/15	40.0	36.208569	250.0	186634.0	0.905214	Y
5	ICIS 410-693589/16	100.0	94.947685	250.0	192585.0	0.949477	Y
6	IC 410-693589/17	200.0	190.330971	250.0	198960.0	0.951655	Y
7	IC 410-693589/18	600.0	529.424693	250.0	218405.0	0.882374	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

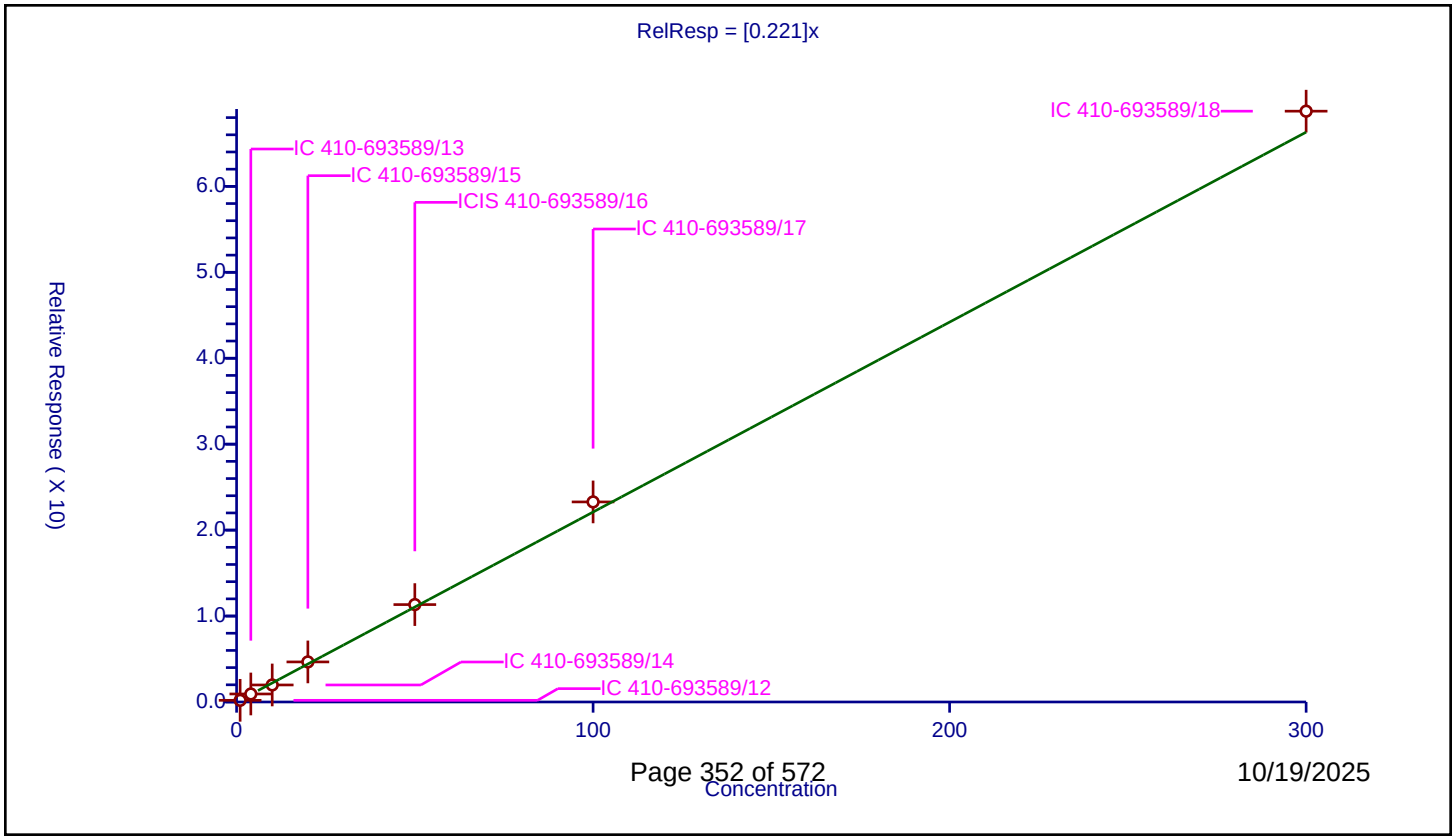
Curve Coefficients

Intercept:	0
Slope:	0.221

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.193976	50.0	1009659.0	0.193976	Y
2	IC 410-693589/13	4.0	0.93239	50.0	1003228.0	0.233098	Y
3	IC 410-693589/14	10.0	1.982789	50.0	1000636.0	0.198279	Y
4	IC 410-693589/15	20.0	4.663153	50.0	1021991.0	0.233158	Y
5	ICIS 410-693589/16	50.0	11.334698	50.0	1019414.0	0.226694	Y
6	IC 410-693589/17	100.0	23.278872	50.0	1073671.0	0.232789	Y
7	IC 410-693589/18	300.0	68.749881	50.0	1154330.0	0.229166	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

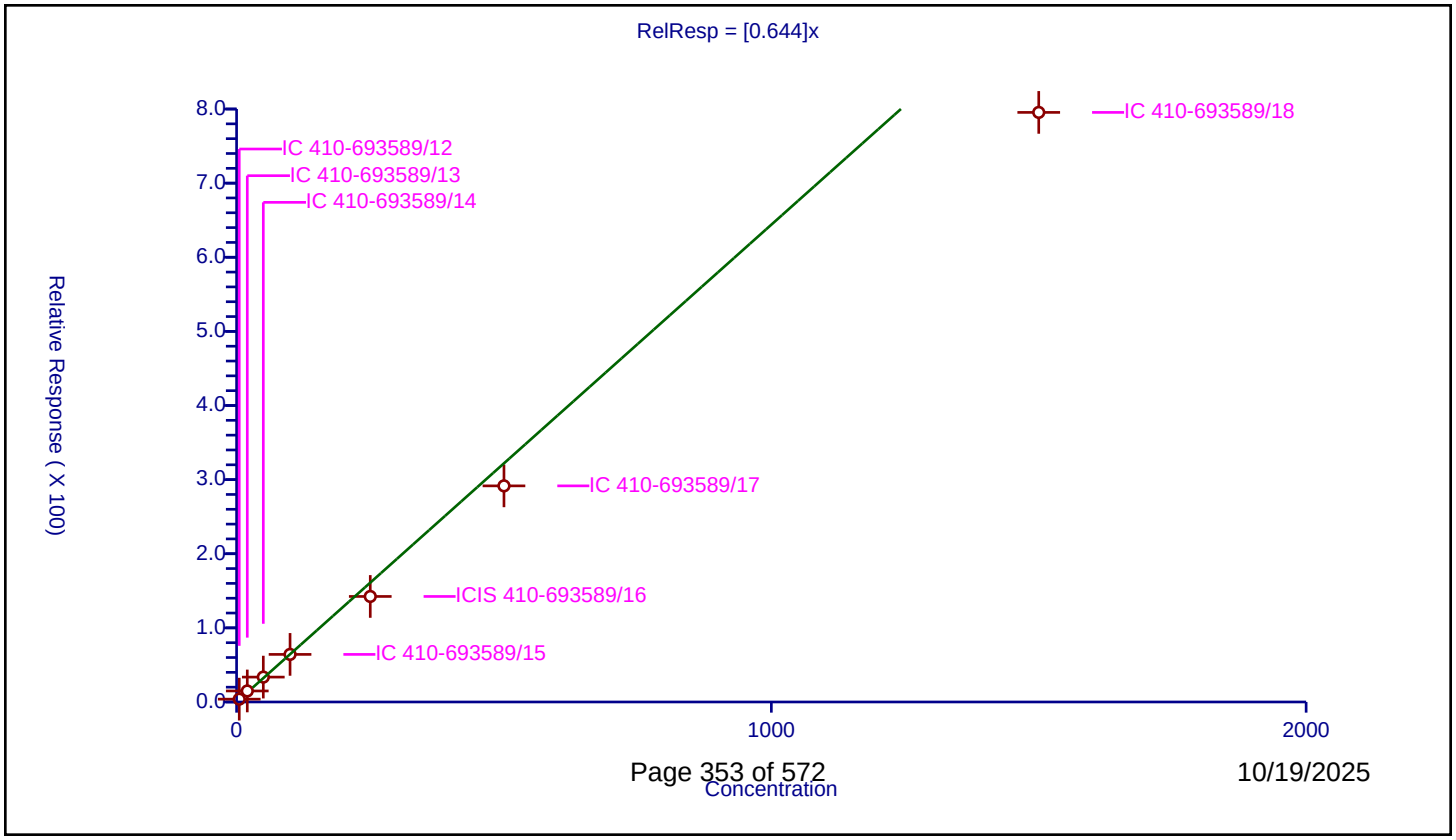
Curve Coefficients

Intercept:	0
Slope:	0.644

Error Coefficients

Relative Standard Deviation:	13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	5.0	3.830915	250.0	184747.0	0.766183	Y
2	IC 410-693589/13	20.0	14.889451	250.0	183855.0	0.744473	Y
3	IC 410-693589/14	50.0	33.600891	250.0	186751.0	0.672018	Y
4	IC 410-693589/15	100.0	64.216595	250.0	186634.0	0.642166	Y
5	ICIS 410-693589/16	250.0	142.364411	250.0	192585.0	0.569458	Y
6	IC 410-693589/17	500.0	291.586248	250.0	198960.0	0.583172	Y
7	IC 410-693589/18	1500.0	795.439665	250.0	218405.0	0.530293	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

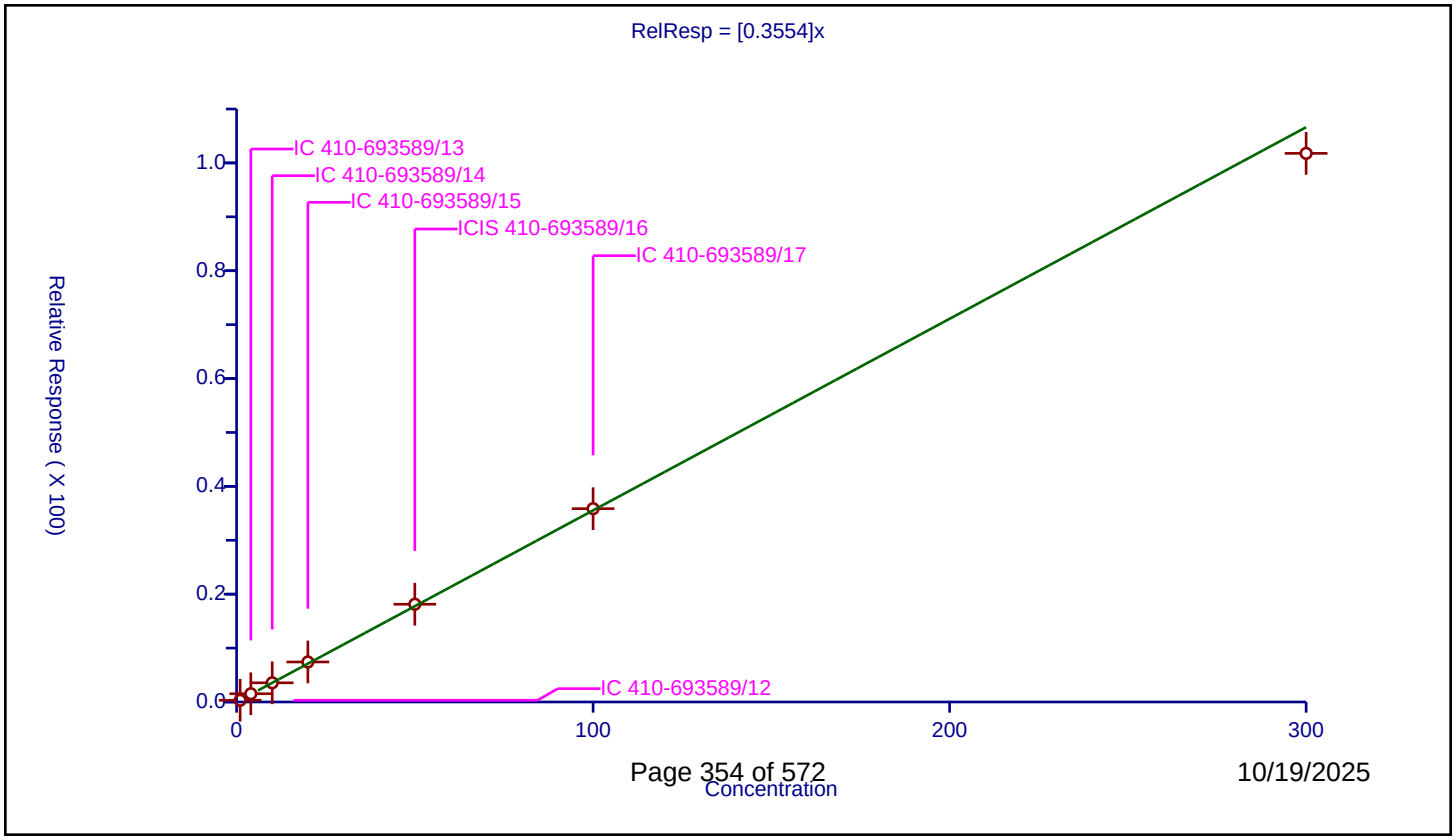
Curve Coefficients

Intercept:	0
Slope:	0.3554

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.317236	50.0	1009659.0	0.317236	Y
2	IC 410-693589/13	4.0	1.532304	50.0	1003228.0	0.383076	Y
3	IC 410-693589/14	10.0	3.559986	50.0	1000636.0	0.355999	Y
4	IC 410-693589/15	20.0	7.420907	50.0	1021991.0	0.371045	Y
5	ICIS 410-693589/16	50.0	18.130367	50.0	1019414.0	0.362607	Y
6	IC 410-693589/17	100.0	35.863873	50.0	1073671.0	0.358639	Y
7	IC 410-693589/18	300.0	101.771287	50.0	1154330.0	0.339238	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

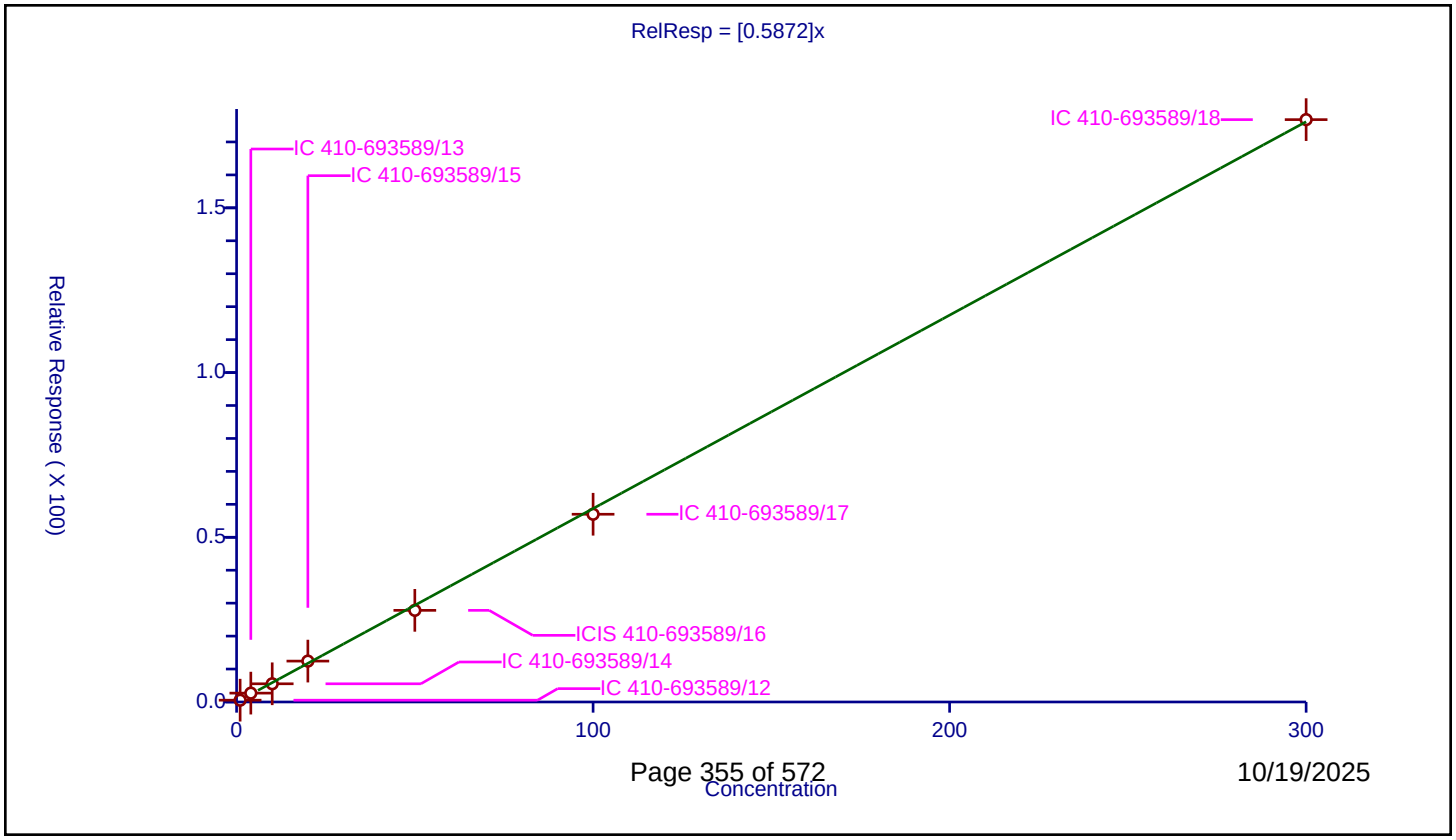
Curve Coefficients

Intercept:	0
Slope:	0.5872

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.548948	50.0	1009659.0	0.548948	Y
2	IC 410-693589/13	4.0	2.689618	50.0	1003228.0	0.672404	Y
3	IC 410-693589/14	10.0	5.525586	50.0	1000636.0	0.552559	Y
4	IC 410-693589/15	20.0	12.412145	50.0	1021991.0	0.620607	Y
5	ICIS 410-693589/16	50.0	27.818678	50.0	1019414.0	0.556374	Y
6	IC 410-693589/17	100.0	56.994554	50.0	1073671.0	0.569946	Y
7	IC 410-693589/18	300.0	176.77969	50.0	1154330.0	0.589266	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

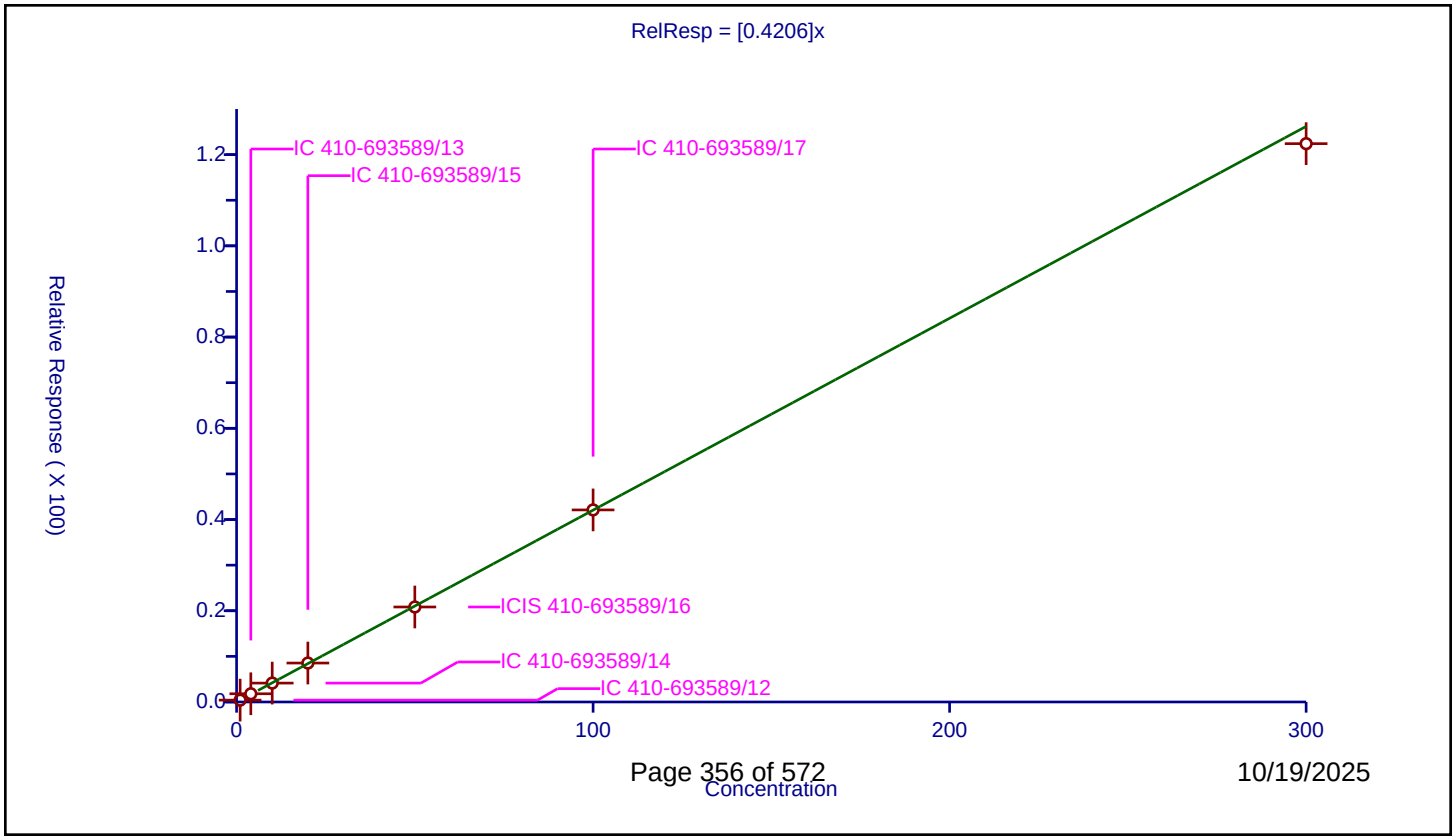
Curve Coefficients

Intercept:	0
Slope:	0.4206

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.40692	50.0	1009659.0	0.40692	Y
2	IC 410-693589/13	4.0	1.801884	50.0	1003228.0	0.450471	Y
3	IC 410-693589/14	10.0	4.143065	50.0	1000636.0	0.414307	Y
4	IC 410-693589/15	20.0	8.54122	50.0	1021991.0	0.427061	Y
5	ICIS 410-693589/16	50.0	20.824562	50.0	1019414.0	0.416491	Y
6	IC 410-693589/17	100.0	42.107918	50.0	1073671.0	0.421079	Y
7	IC 410-693589/18	300.0	122.404512	50.0	1154330.0	0.408015	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

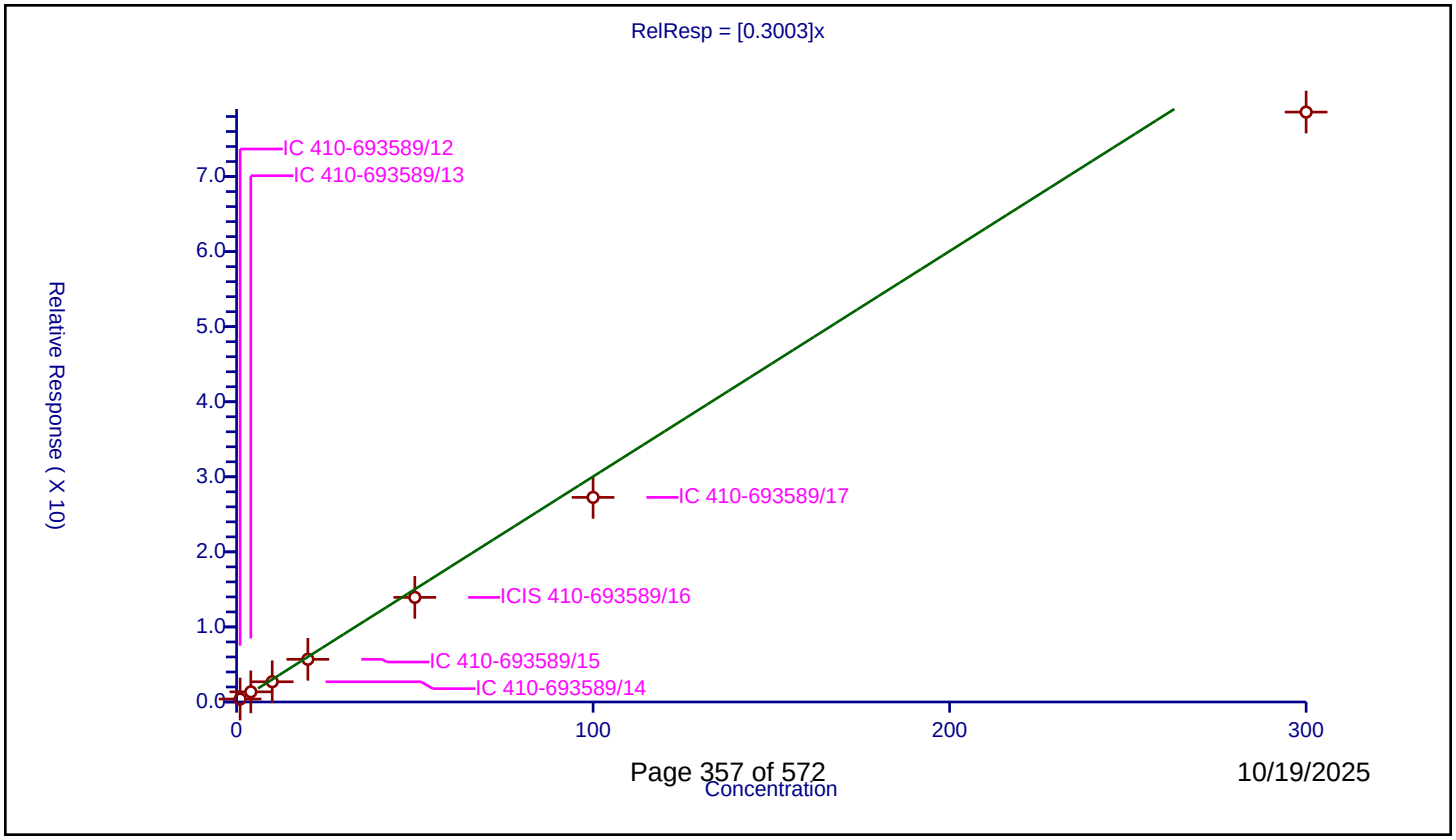
Curve Coefficients

Intercept:	0
Slope:	0.3003

Error Coefficients

Relative Standard Deviation:	16.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.397362	50.0	1009659.0	0.397362	Y
2	IC 410-693589/13	4.0	1.351139	50.0	1003228.0	0.337785	Y
3	IC 410-693589/14	10.0	2.695336	50.0	1000636.0	0.269534	Y
4	IC 410-693589/15	20.0	5.687134	50.0	1021991.0	0.284357	Y
5	ICIS 410-693589/16	50.0	13.936879	50.0	1019414.0	0.278738	Y
6	IC 410-693589/17	100.0	27.257139	50.0	1073671.0	0.272571	Y
7	IC 410-693589/18	300.0	78.591651	50.0	1154330.0	0.261972	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

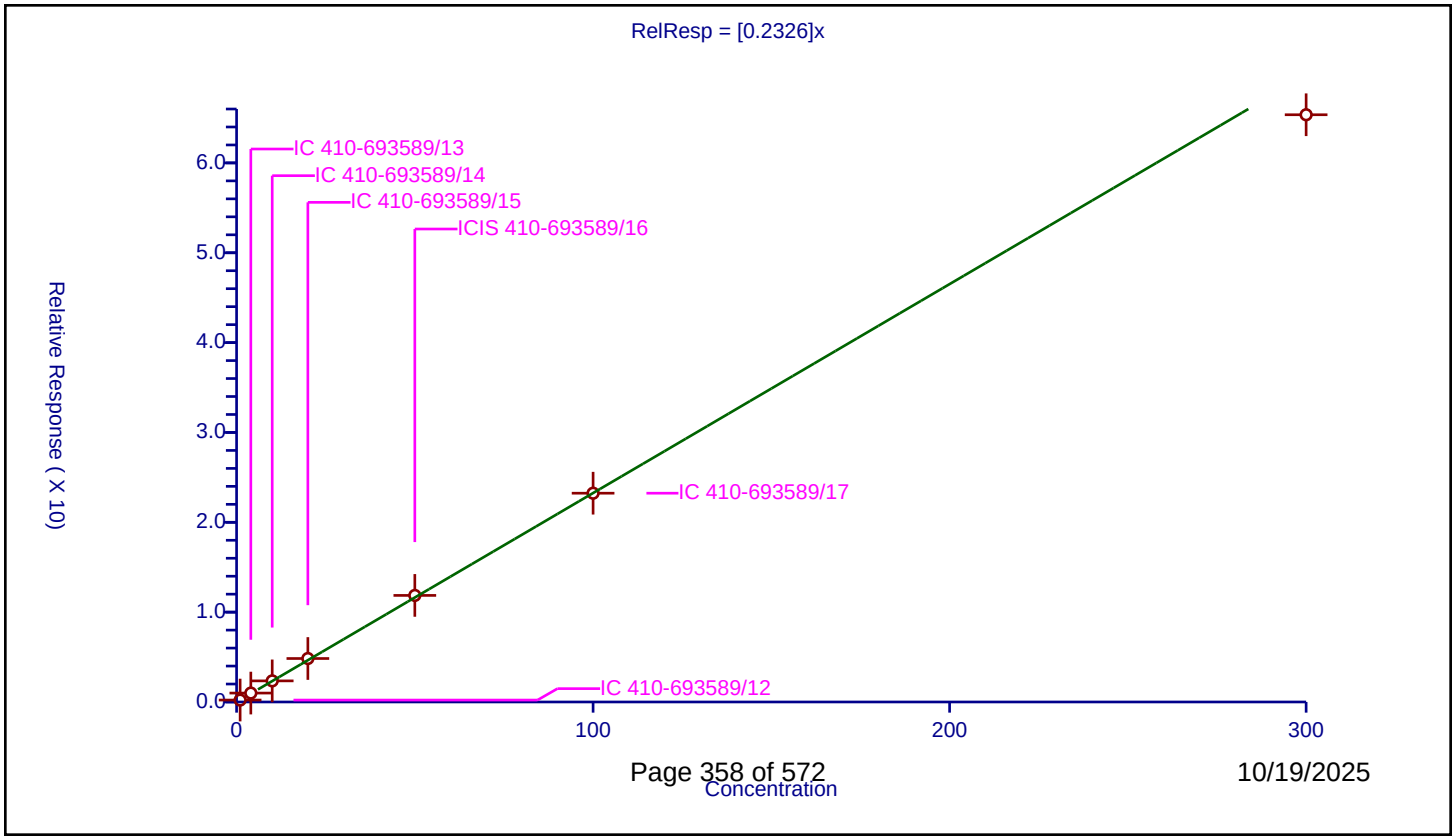
Curve Coefficients

Intercept:	0
Slope:	0.2326

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.215568	50.0	1009659.0	0.215568	Y
2	IC 410-693589/13	4.0	0.991998	50.0	1003228.0	0.247999	Y
3	IC 410-693589/14	10.0	2.349606	50.0	1000636.0	0.234961	Y
4	IC 410-693589/15	20.0	4.838301	50.0	1021991.0	0.241915	Y
5	ICIS 410-693589/16	50.0	11.861913	50.0	1019414.0	0.237238	Y
6	IC 410-693589/17	100.0	23.239568	50.0	1073671.0	0.232396	Y
7	IC 410-693589/18	300.0	65.362894	50.0	1154330.0	0.217876	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

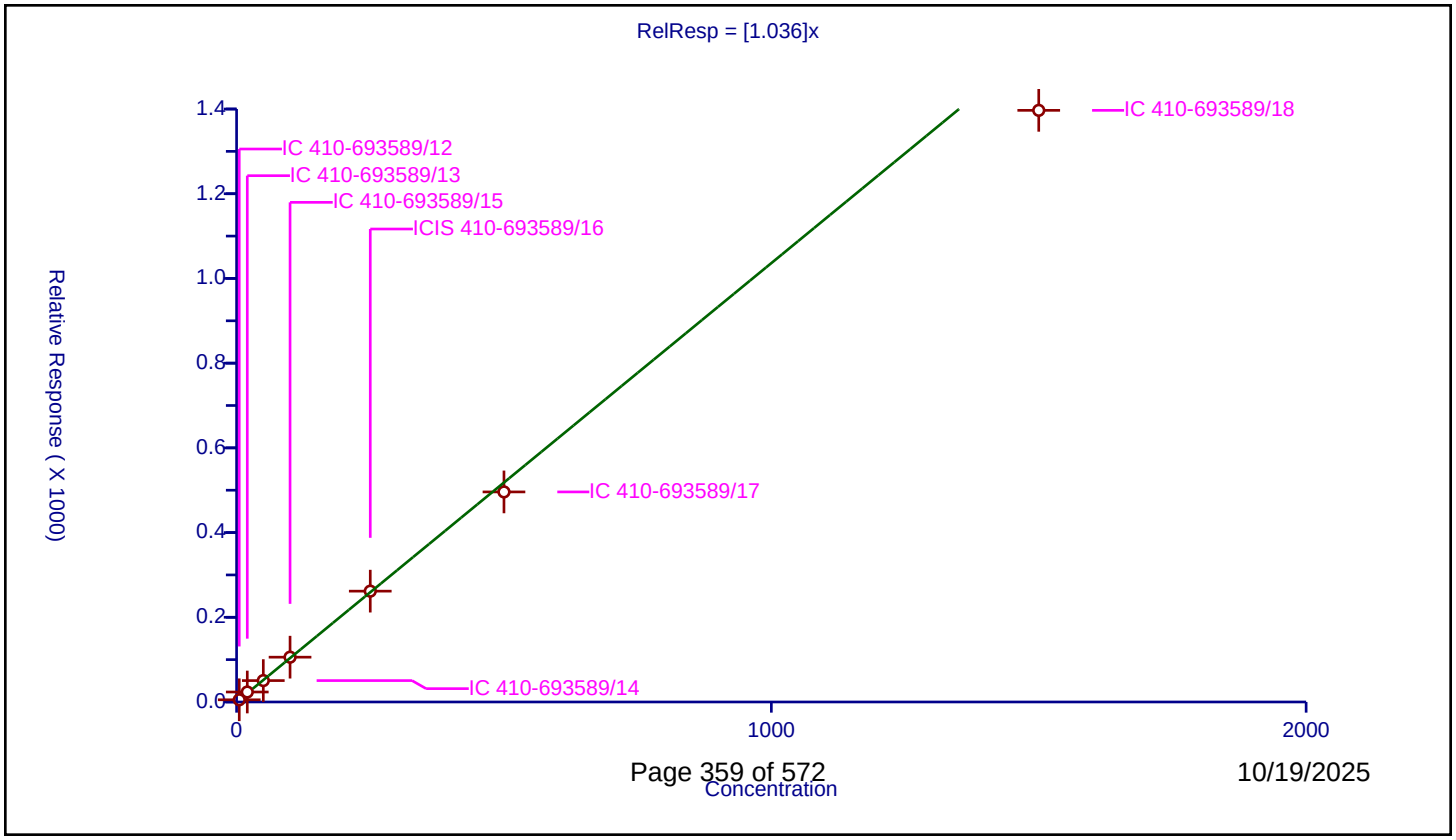
Curve Coefficients

Intercept:	0
Slope:	1.036

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	5.0	5.18141	250.0	184747.0	1.036282	Y
2	IC 410-693589/13	20.0	23.555247	250.0	183855.0	1.177762	Y
3	IC 410-693589/14	50.0	50.553946	250.0	186751.0	1.011079	Y
4	IC 410-693589/15	100.0	105.810035	250.0	186634.0	1.0581	Y
5	ICIS 410-693589/16	250.0	261.706519	250.0	192585.0	1.046826	Y
6	IC 410-693589/17	500.0	495.980348	250.0	198960.0	0.991961	Y
7	IC 410-693589/18	1500.0	1396.838442	250.0	218405.0	0.931226	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

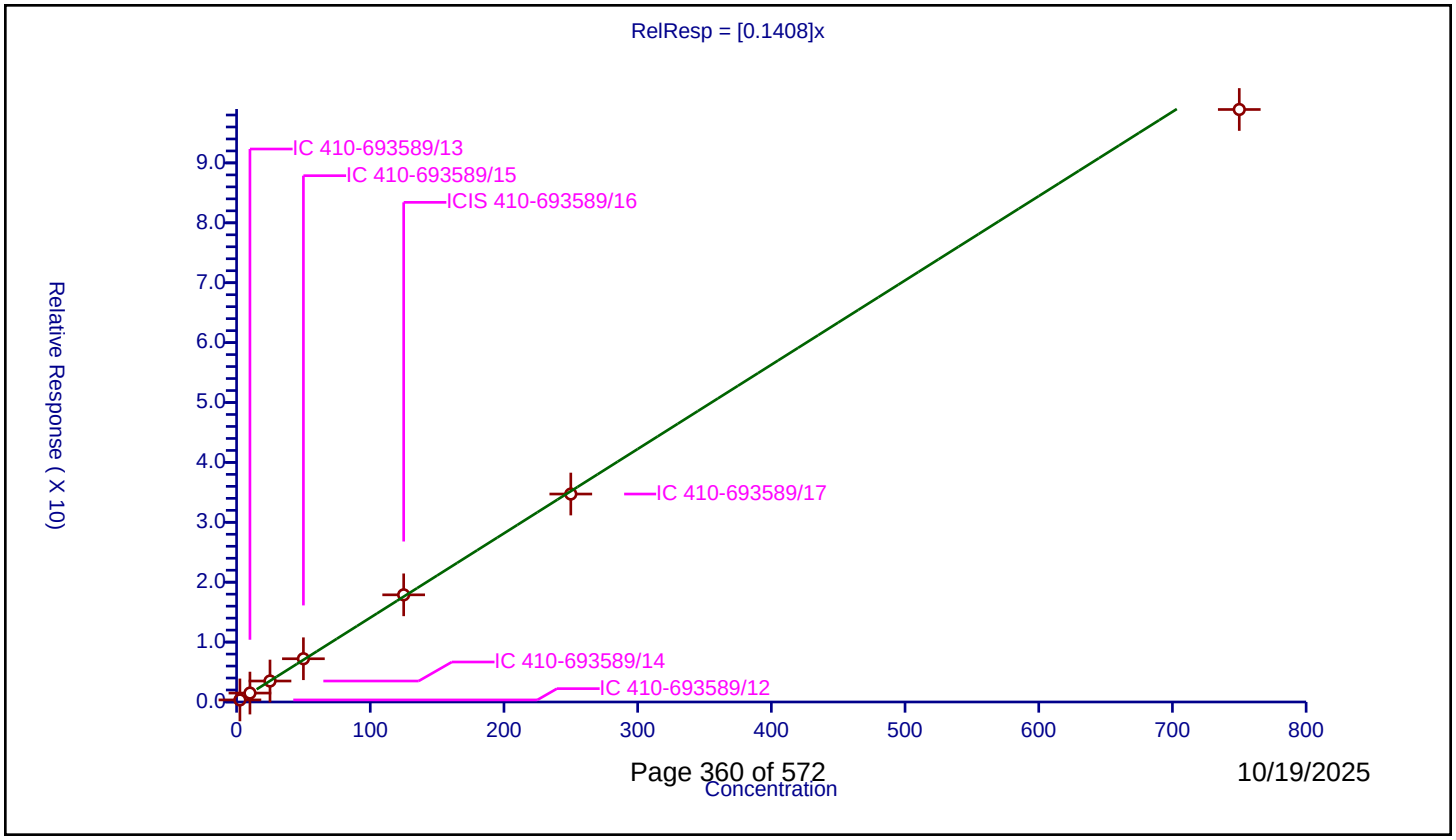
Curve Coefficients

Intercept:	0
Slope:	0.1408

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	2.5	0.344819	50.0	1009659.0	0.137928	Y
2	IC 410-693589/13	10.0	1.49014	50.0	1003228.0	0.149014	Y
3	IC 410-693589/14	25.0	3.503722	50.0	1000636.0	0.140149	Y
4	IC 410-693589/15	50.0	7.219242	50.0	1021991.0	0.144385	Y
5	ICIS 410-693589/16	125.0	17.890131	50.0	1019414.0	0.143121	Y
6	IC 410-693589/17	250.0	34.719435	50.0	1073671.0	0.138878	Y
7	IC 410-693589/18	750.0	98.920196	50.0	1154330.0	0.131894	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

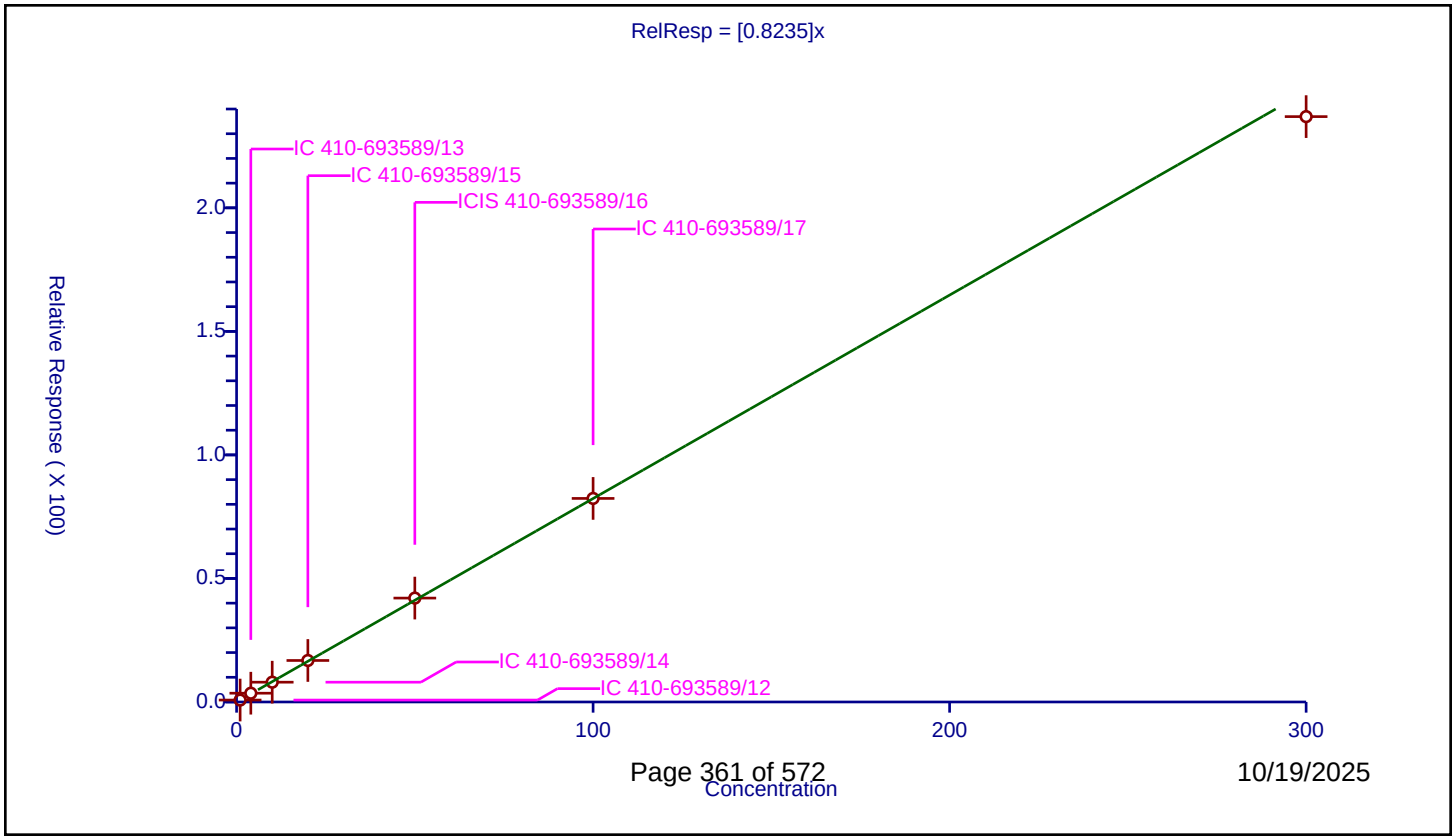
Curve Coefficients

Intercept:	0
Slope:	0.8235

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.780065	50.0	1009659.0	0.780065	Y
2	IC 410-693589/13	4.0	3.553081	50.0	1003228.0	0.88827	Y
3	IC 410-693589/14	10.0	8.011755	50.0	1000636.0	0.801175	Y
4	IC 410-693589/15	20.0	16.799805	50.0	1021991.0	0.83999	Y
5	ICIS 410-693589/16	50.0	42.054111	50.0	1019414.0	0.841082	Y
6	IC 410-693589/17	100.0	82.388786	50.0	1073671.0	0.823888	Y
7	IC 410-693589/18	300.0	236.919209	50.0	1154330.0	0.789731	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

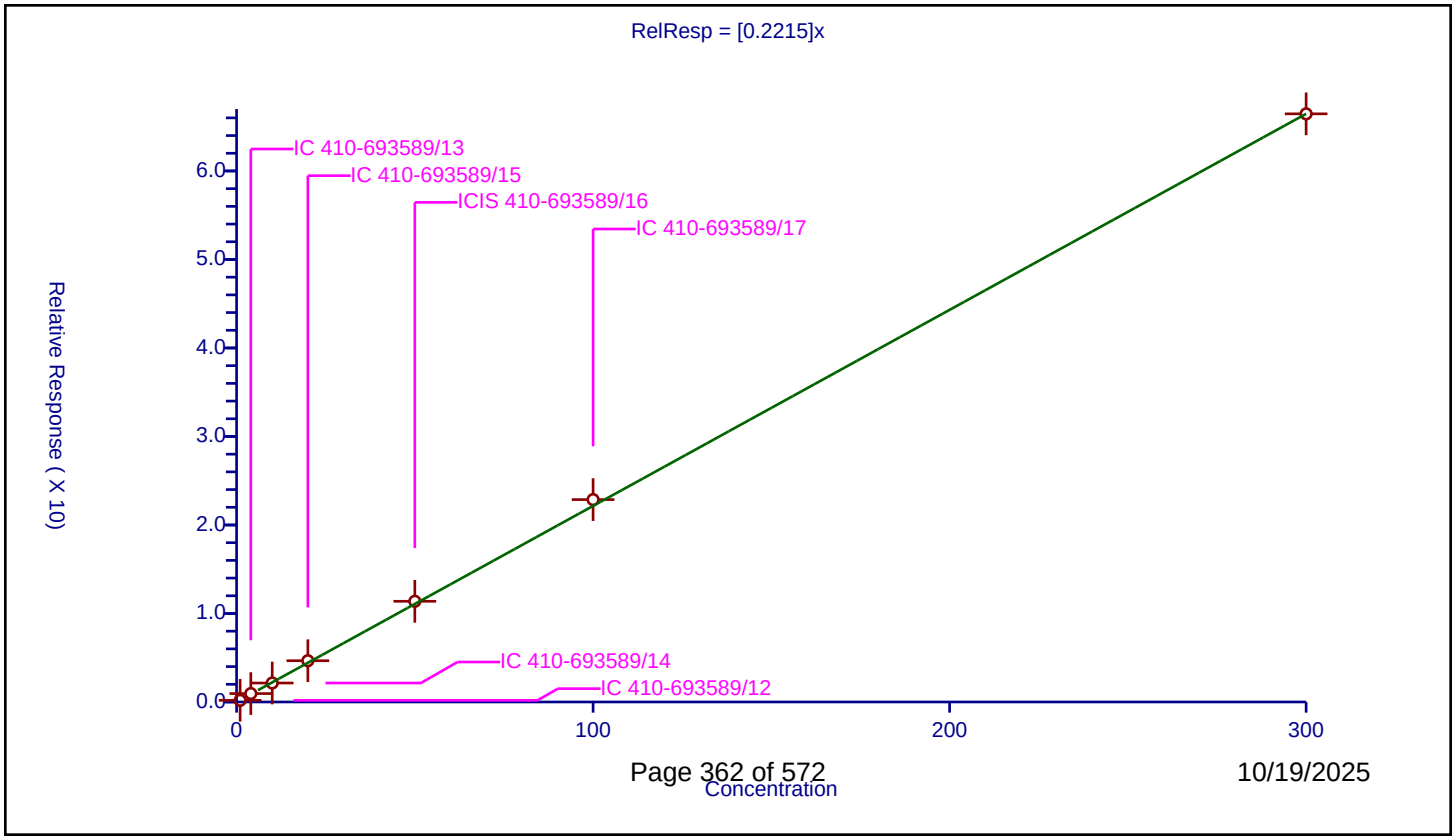
Curve Coefficients

Intercept:	0
Slope:	0.2215

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.187836	50.0	1009659.0	0.187836	Y
2	IC 410-693589/13	4.0	0.950532	50.0	1003228.0	0.237633	Y
3	IC 410-693589/14	10.0	2.143886	50.0	1000636.0	0.214389	Y
4	IC 410-693589/15	20.0	4.661538	50.0	1021991.0	0.233077	Y
5	ICIS 410-693589/16	50.0	11.377958	50.0	1019414.0	0.227559	Y
6	IC 410-693589/17	100.0	22.868691	50.0	1073671.0	0.228687	Y
7	IC 410-693589/18	300.0	66.454523	50.0	1154330.0	0.221515	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

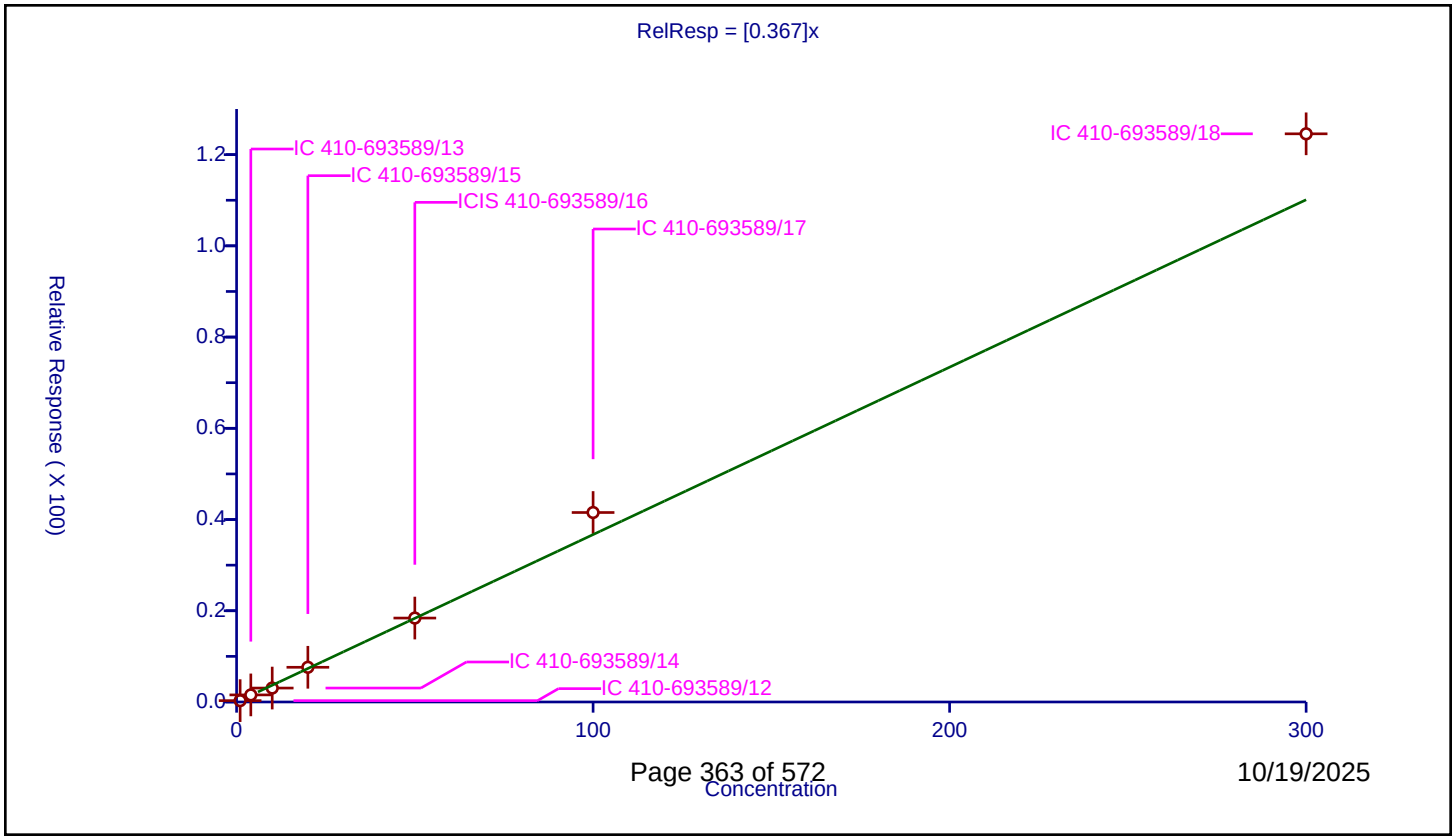
Curve Coefficients

Intercept:	0
Slope:	0.367

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.296981	50.0	1009659.0	0.296981	Y
2	IC 410-693589/13	4.0	1.551143	50.0	1003228.0	0.387786	Y
3	IC 410-693589/14	10.0	3.052009	50.0	1000636.0	0.305201	Y
4	IC 410-693589/15	20.0	7.609607	50.0	1021991.0	0.38048	Y
5	ICIS 410-693589/16	50.0	18.401945	50.0	1019414.0	0.368039	Y
6	IC 410-693589/17	100.0	41.537911	50.0	1073671.0	0.415379	Y
7	IC 410-693589/18	300.0	124.560134	50.0	1154330.0	0.4152	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

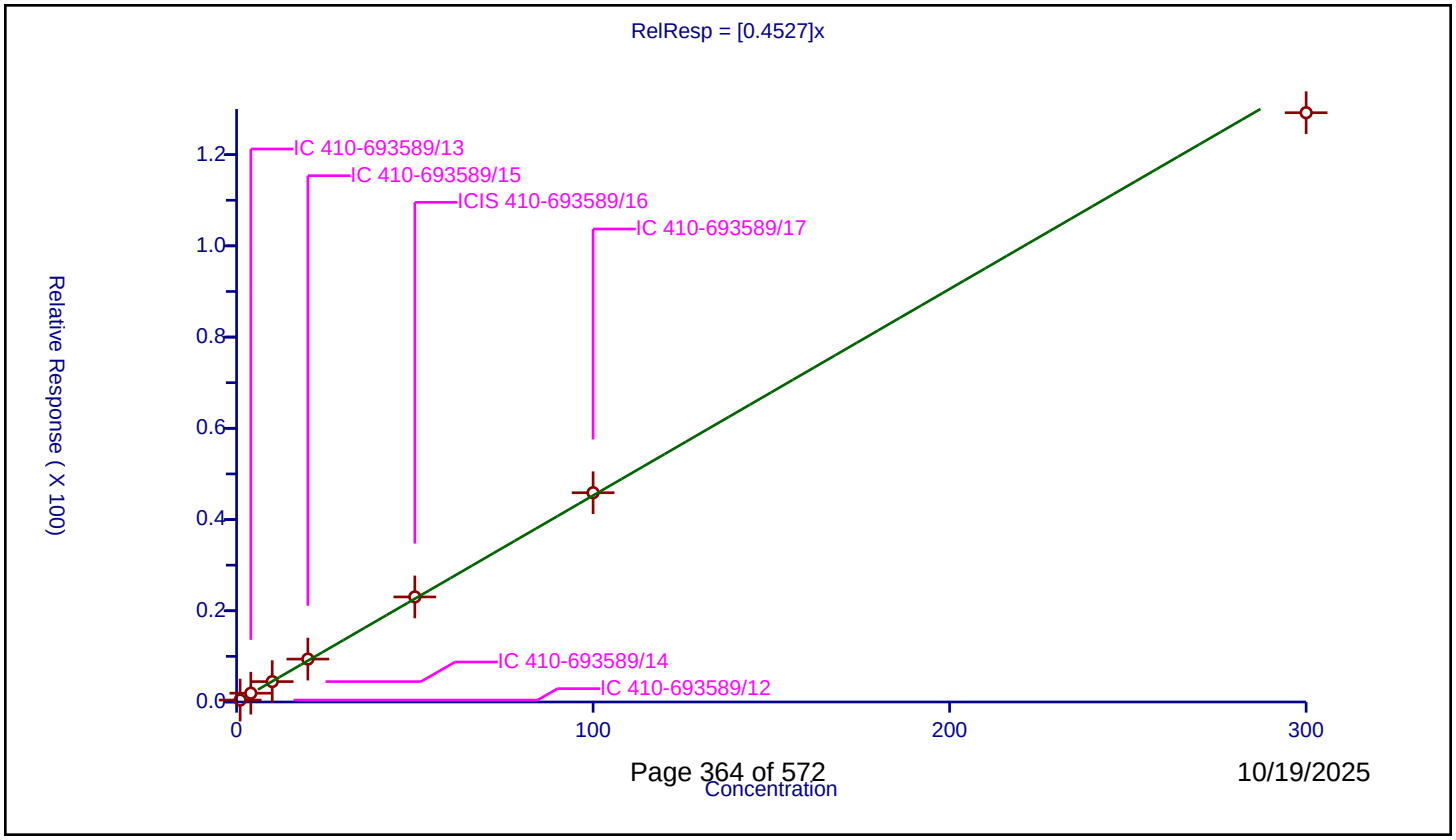
Curve Coefficients

Intercept:	0
Slope:	0.4527

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.420043	50.0	1009659.0	0.420043	Y
2	IC 410-693589/13	4.0	1.925036	50.0	1003228.0	0.481259	Y
3	IC 410-693589/14	10.0	4.471306	50.0	1000636.0	0.447131	Y
4	IC 410-693589/15	20.0	9.405513	50.0	1021991.0	0.470276	Y
5	ICIS 410-693589/16	50.0	23.033037	50.0	1019414.0	0.460661	Y
6	IC 410-693589/17	100.0	45.879837	50.0	1073671.0	0.458798	Y
7	IC 410-693589/18	300.0	129.189876	50.0	1154330.0	0.430633	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

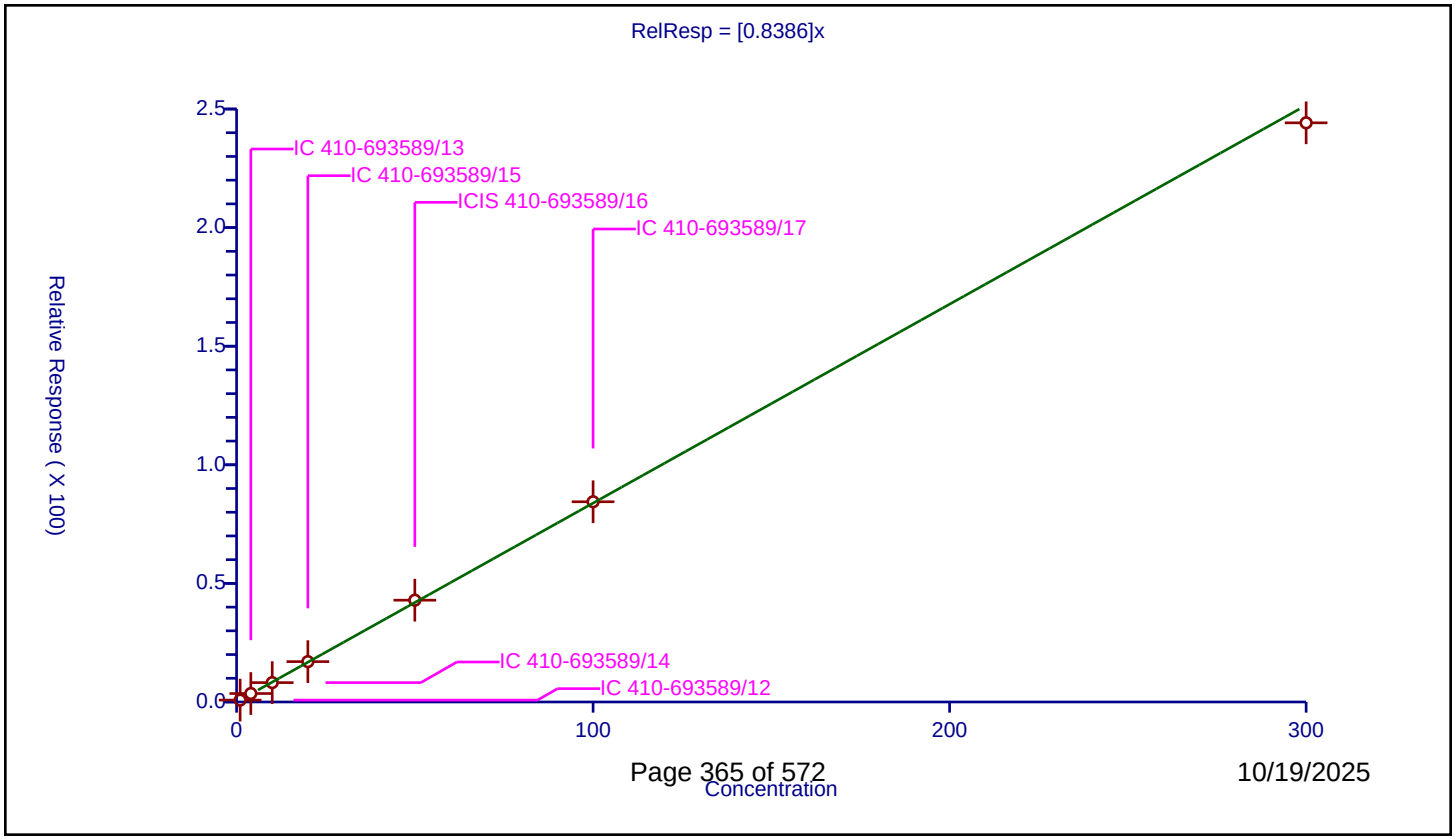
Curve Coefficients

Intercept:	0
Slope:	0.8386

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.793535	50.0	1009659.0	0.793535	Y
2	IC 410-693589/13	4.0	3.570524	50.0	1003228.0	0.892631	Y
3	IC 410-693589/14	10.0	8.167955	50.0	1000636.0	0.816796	Y
4	IC 410-693589/15	20.0	17.013897	50.0	1021991.0	0.850695	Y
5	ICIS 410-693589/16	50.0	42.91387	50.0	1019414.0	0.858277	Y
6	IC 410-693589/17	100.0	84.416455	50.0	1073671.0	0.844165	Y
7	IC 410-693589/18	300.0	244.172897	50.0	1154330.0	0.81391	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

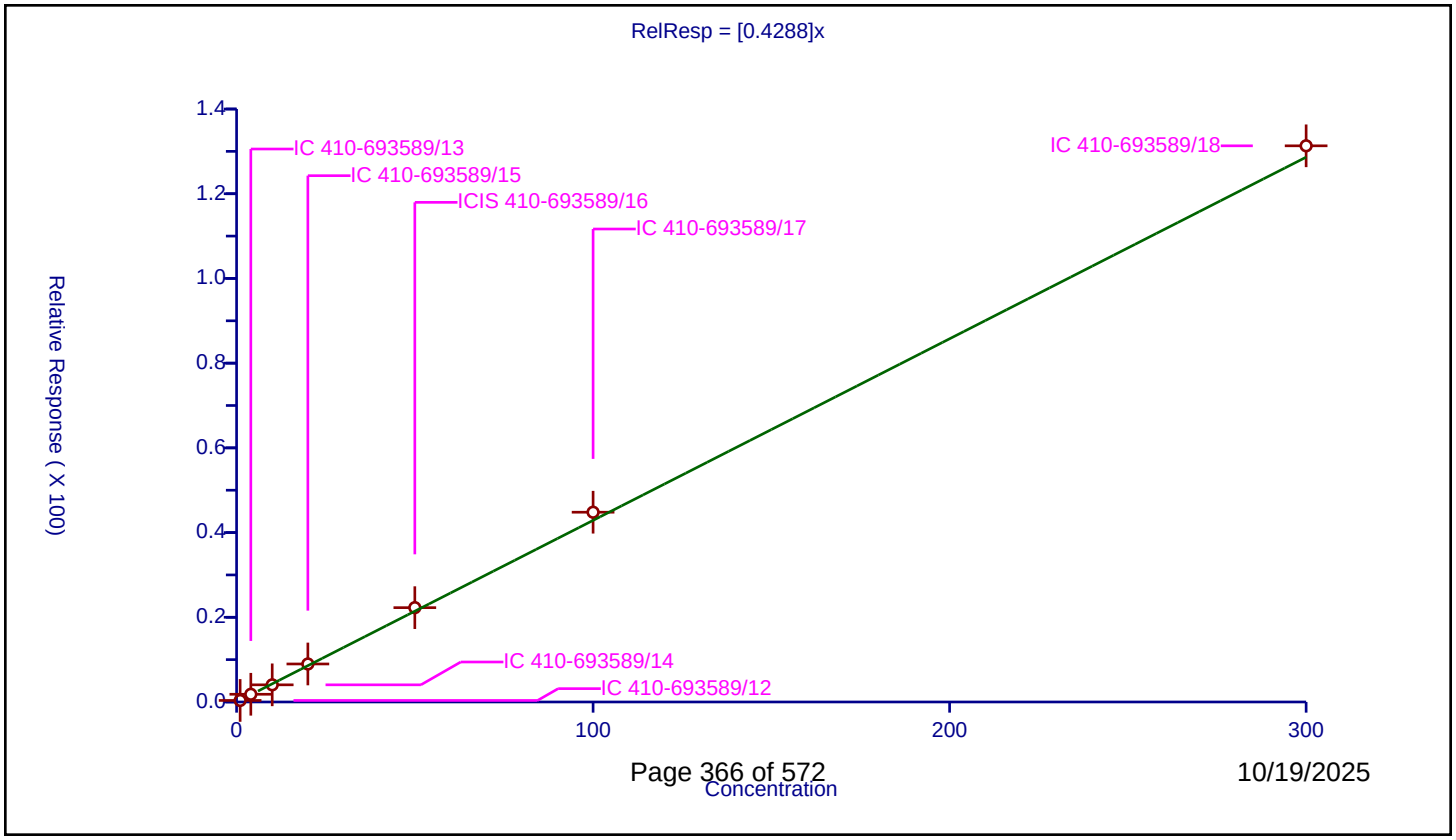
Curve Coefficients

Intercept:	0
Slope:	0.4288

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.360221	50.0	1009659.0	0.360221	Y
2	IC 410-693589/13	4.0	1.825009	50.0	1003228.0	0.456252	Y
3	IC 410-693589/14	10.0	4.050824	50.0	1000636.0	0.405082	Y
4	IC 410-693589/15	20.0	8.972437	50.0	1021991.0	0.448622	Y
5	ICIS 410-693589/16	50.0	22.272355	50.0	1019414.0	0.445447	Y
6	IC 410-693589/17	100.0	44.804041	50.0	1073671.0	0.44804	Y
7	IC 410-693589/18	300.0	131.309548	50.0	1154330.0	0.437698	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

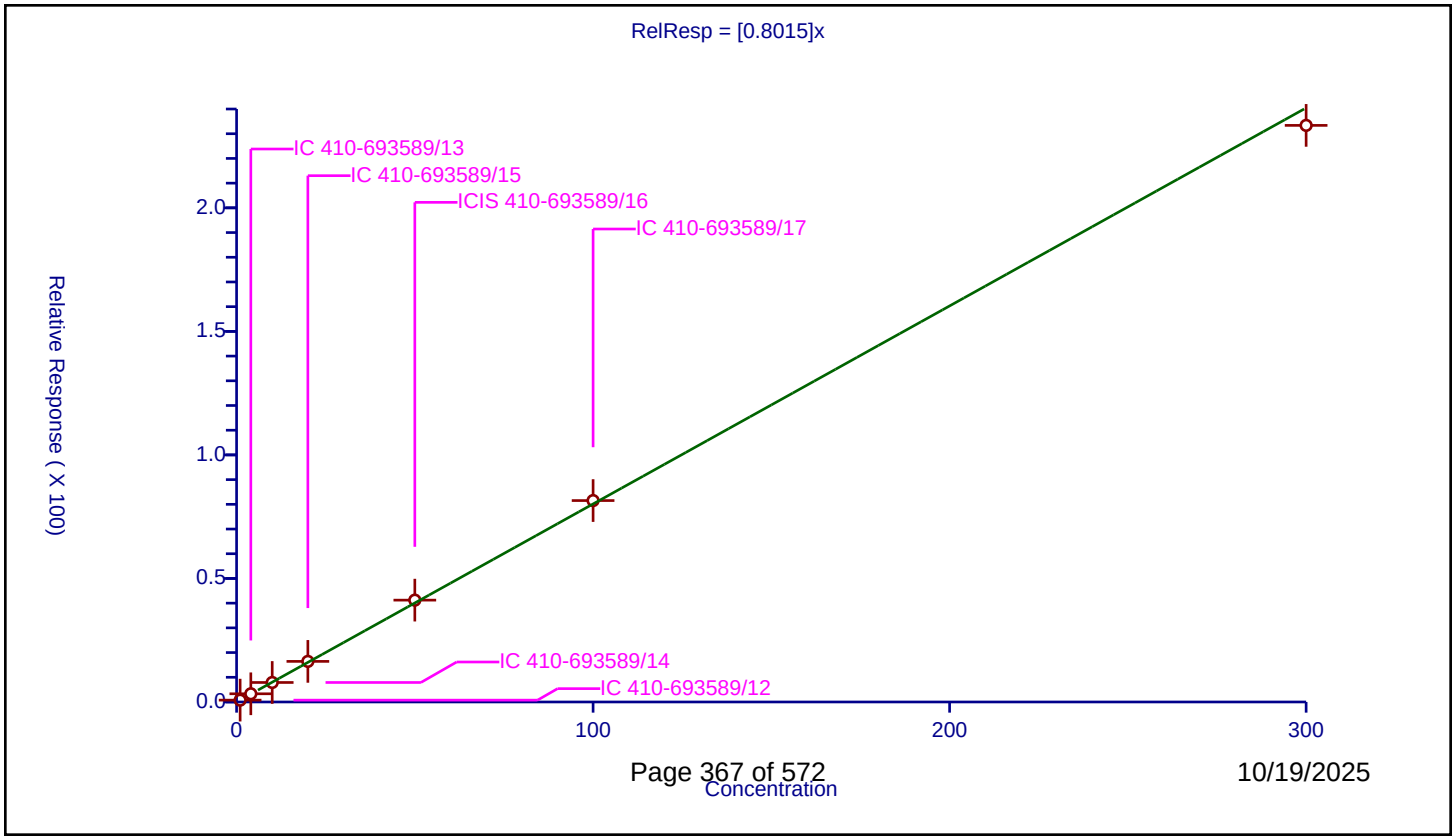
Curve Coefficients

Intercept:	0
Slope:	0.8015

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.751888	50.0	1009659.0	0.751888	Y
2	IC 410-693589/13	4.0	3.321478	50.0	1003228.0	0.83037	Y
3	IC 410-693589/14	10.0	7.890332	50.0	1000636.0	0.789033	Y
4	IC 410-693589/15	20.0	16.433315	50.0	1021991.0	0.821666	Y
5	ICIS 410-693589/16	50.0	41.223536	50.0	1019414.0	0.824471	Y
6	IC 410-693589/17	100.0	81.521854	50.0	1073671.0	0.815219	Y
7	IC 410-693589/18	300.0	233.372779	50.0	1154330.0	0.777909	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

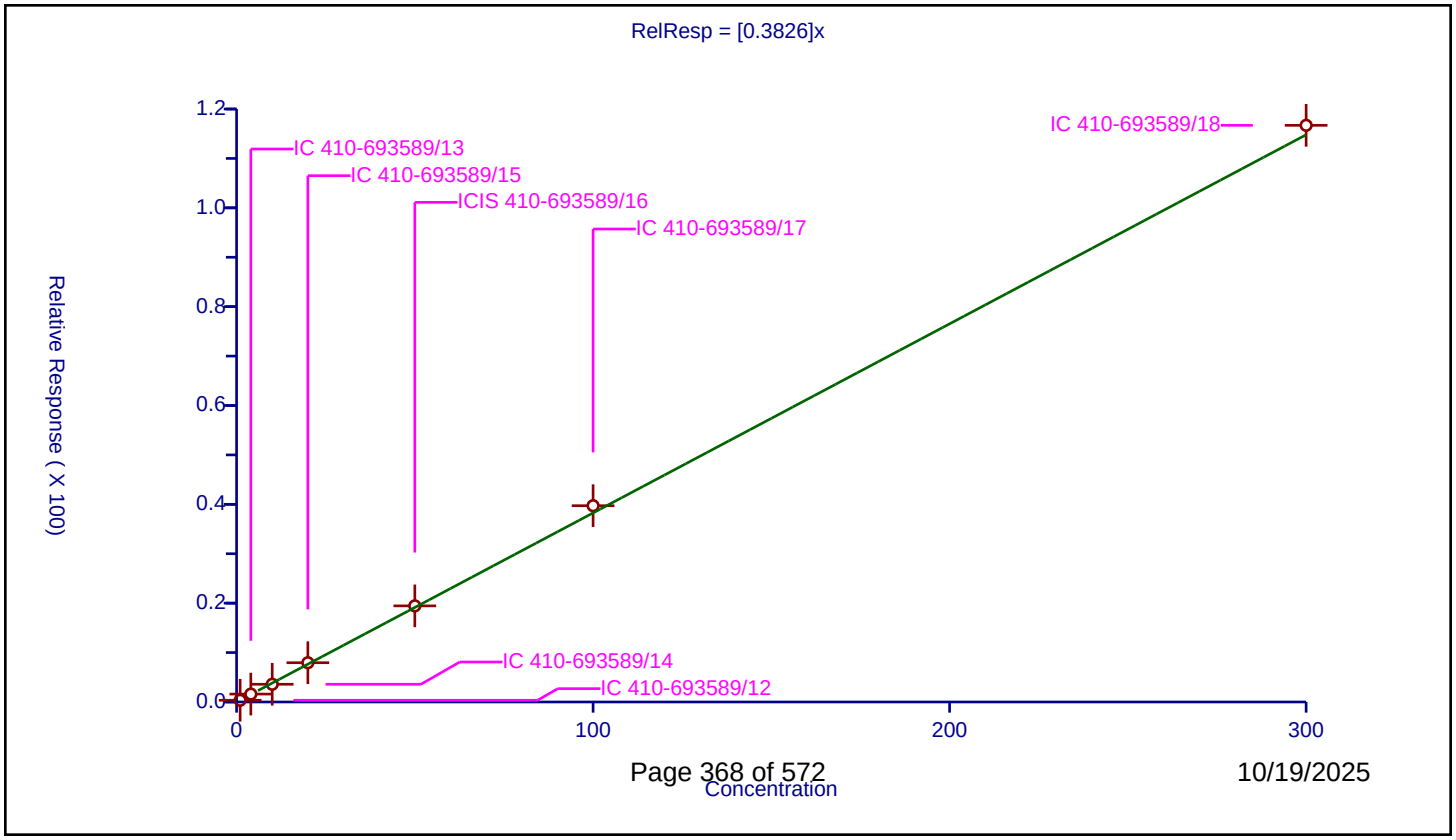
Curve Coefficients

Intercept:	0
Slope:	0.3826

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.346949	50.0	1009659.0	0.346949	Y
2	IC 410-693589/13	4.0	1.601082	50.0	1003228.0	0.40027	Y
3	IC 410-693589/14	10.0	3.587219	50.0	1000636.0	0.358722	Y
4	IC 410-693589/15	20.0	7.945911	50.0	1021991.0	0.397296	Y
5	ICIS 410-693589/16	50.0	19.450047	50.0	1019414.0	0.389001	Y
6	IC 410-693589/17	100.0	39.722736	50.0	1073671.0	0.397227	Y
7	IC 410-693589/18	300.0	116.697088	50.0	1154330.0	0.38899	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

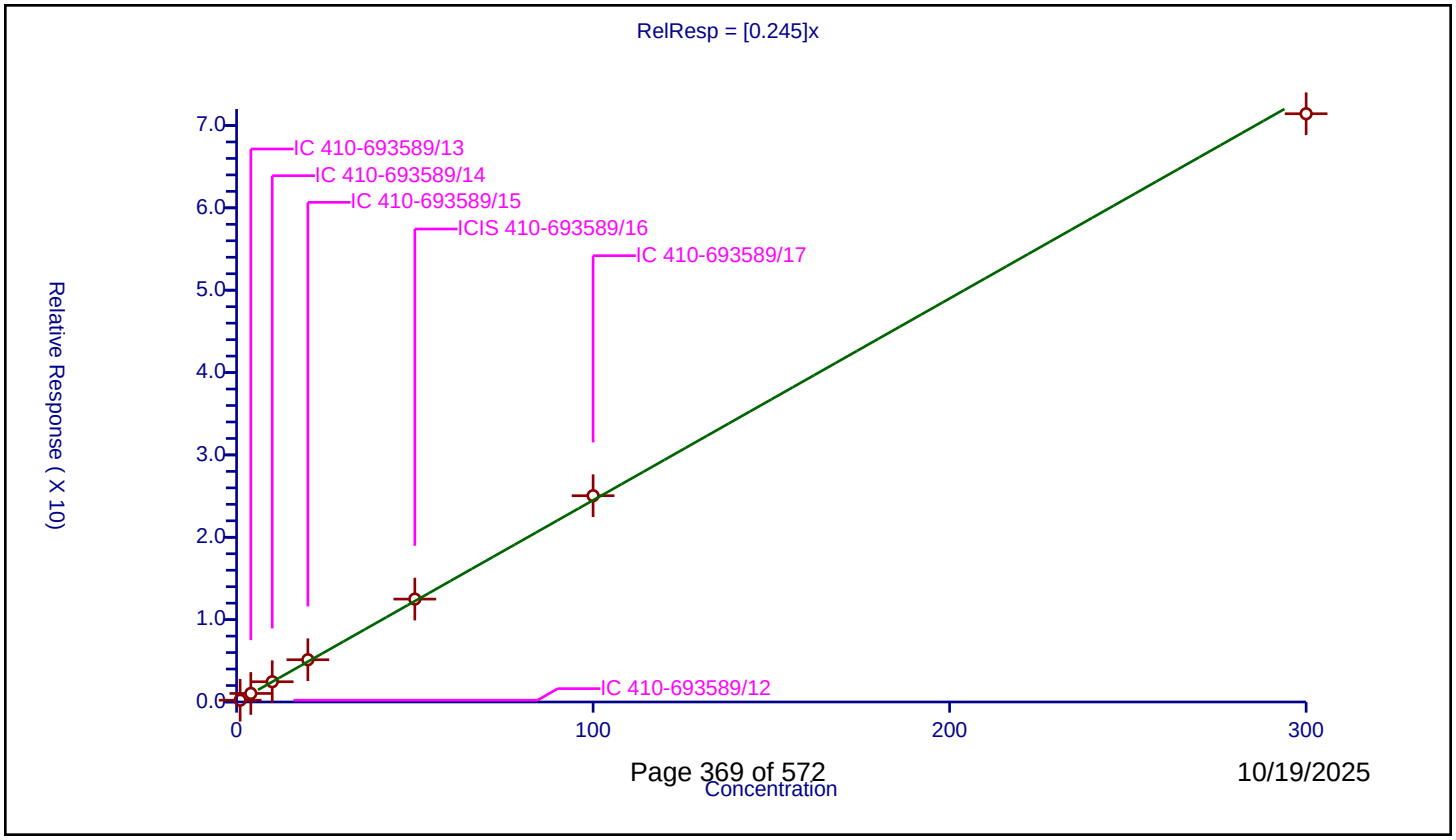
Curve Coefficients

Intercept:	0
Slope:	0.245

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.214231	50.0	1009659.0	0.214231	Y
2	IC 410-693589/13	4.0	1.037401	50.0	1003228.0	0.25935	Y
3	IC 410-693589/14	10.0	2.460785	50.0	1000636.0	0.246078	Y
4	IC 410-693589/15	20.0	5.131552	50.0	1021991.0	0.256578	Y
5	ICIS 410-693589/16	50.0	12.494924	50.0	1019414.0	0.249898	Y
6	IC 410-693589/17	100.0	25.047943	50.0	1073671.0	0.250479	Y
7	IC 410-693589/18	300.0	71.426975	50.0	1154330.0	0.23809	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

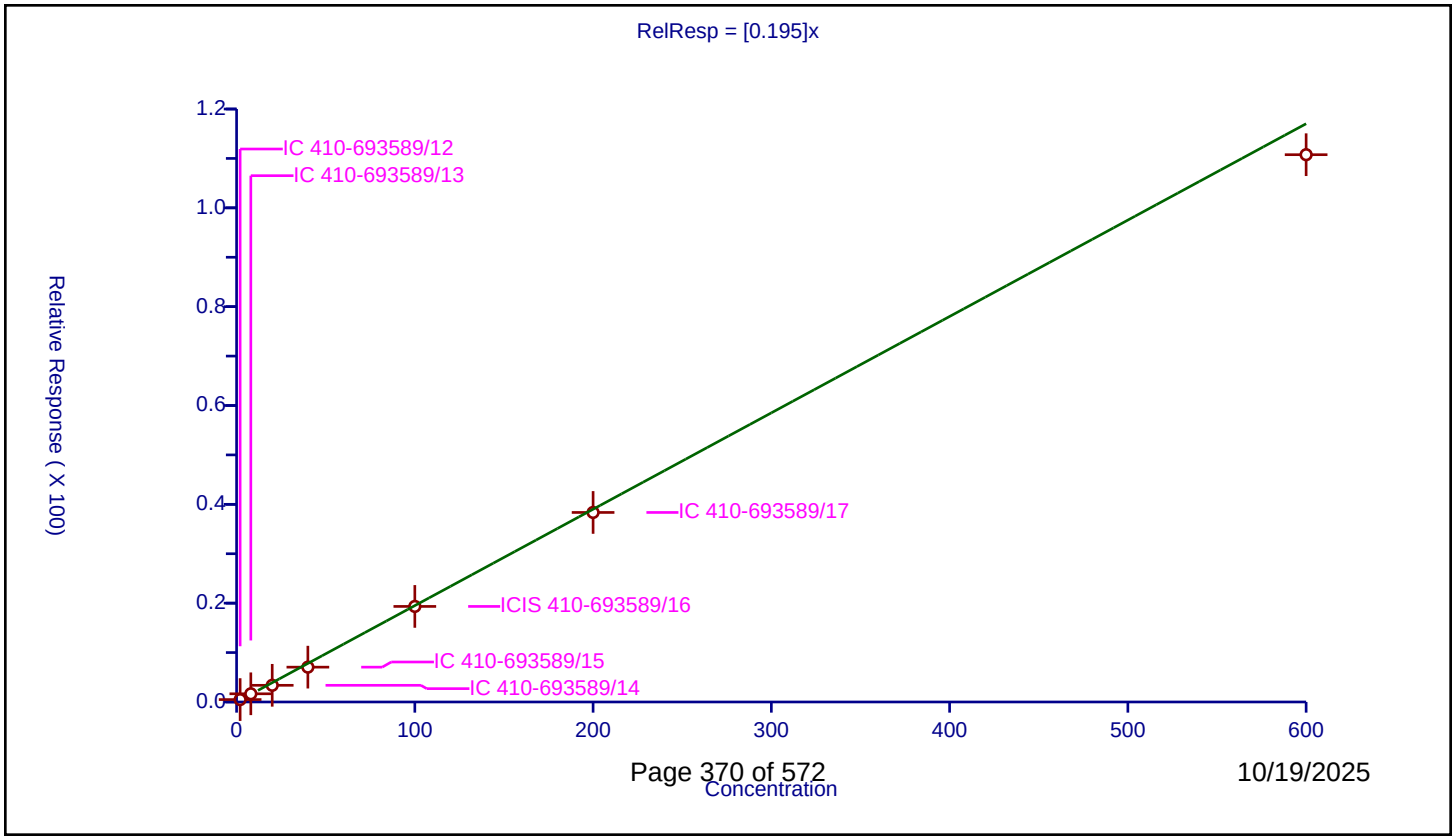
Curve Coefficients

Intercept:	0
Slope:	0.195

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	2.0	0.486996	50.0	1009659.0	0.243498	Y
2	IC 410-693589/13	8.0	1.657101	50.0	1003228.0	0.207138	Y
3	IC 410-693589/14	20.0	3.373954	50.0	1000636.0	0.168698	Y
4	IC 410-693589/15	40.0	7.048007	50.0	1021991.0	0.1762	Y
5	ICIS 410-693589/16	100.0	19.337041	50.0	1019414.0	0.19337	Y
6	IC 410-693589/17	200.0	38.35458	50.0	1073671.0	0.191773	Y
7	IC 410-693589/18	600.0	110.757929	50.0	1154330.0	0.184597	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

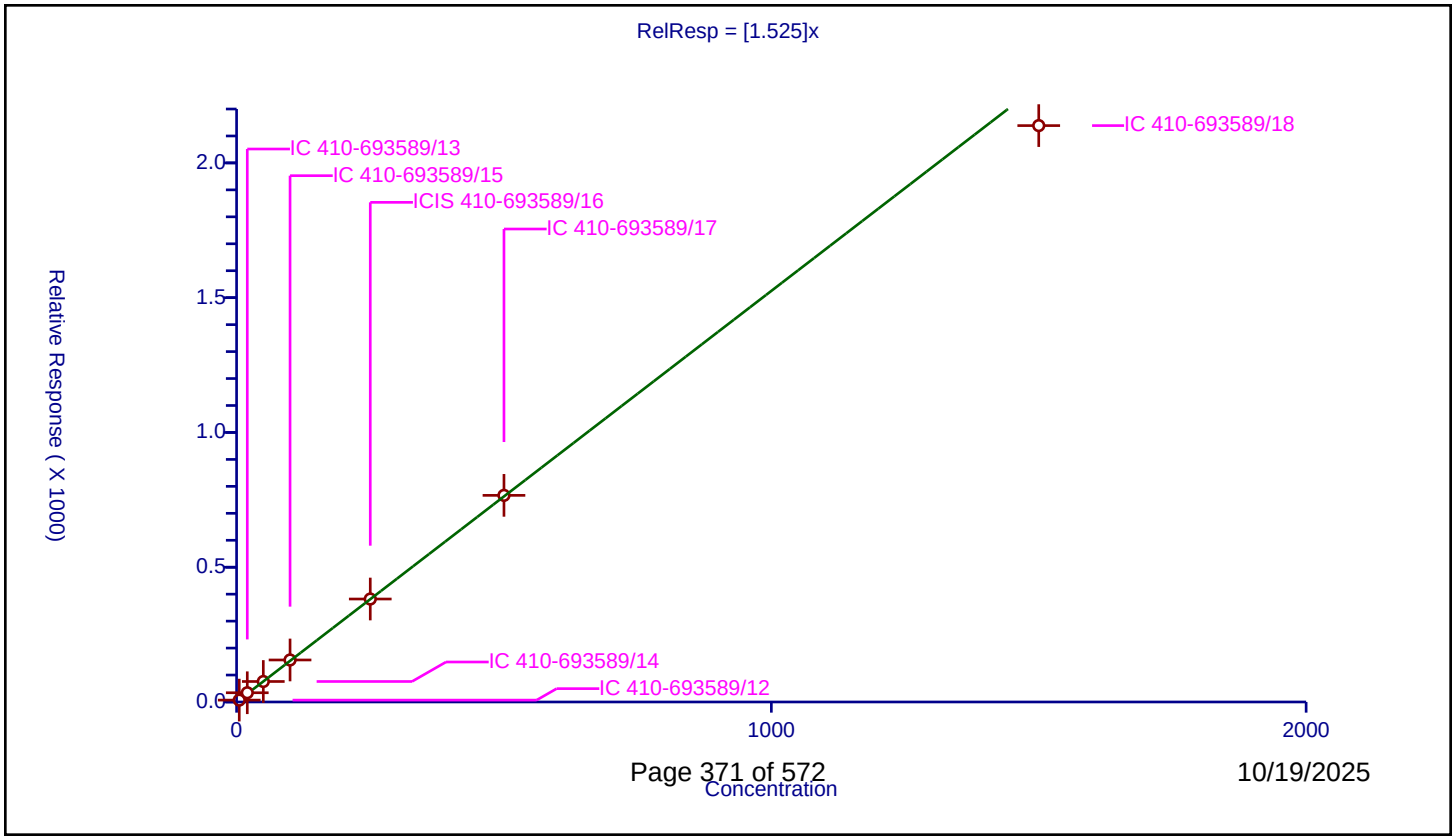
Curve Coefficients

Intercept:	0
Slope:	1.525

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	5.0	6.97305	250.0	184747.0	1.39461	Y
2	IC 410-693589/13	20.0	34.308286	250.0	183855.0	1.715414	Y
3	IC 410-693589/14	50.0	76.006286	250.0	186751.0	1.520126	Y
4	IC 410-693589/15	100.0	155.909427	250.0	186634.0	1.559094	Y
5	ICIS 410-693589/16	250.0	382.023522	250.0	192585.0	1.528094	Y
6	IC 410-693589/17	500.0	766.605097	250.0	198960.0	1.53321	Y
7	IC 410-693589/18	1500.0	2138.500721	250.0	218405.0	1.425667	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

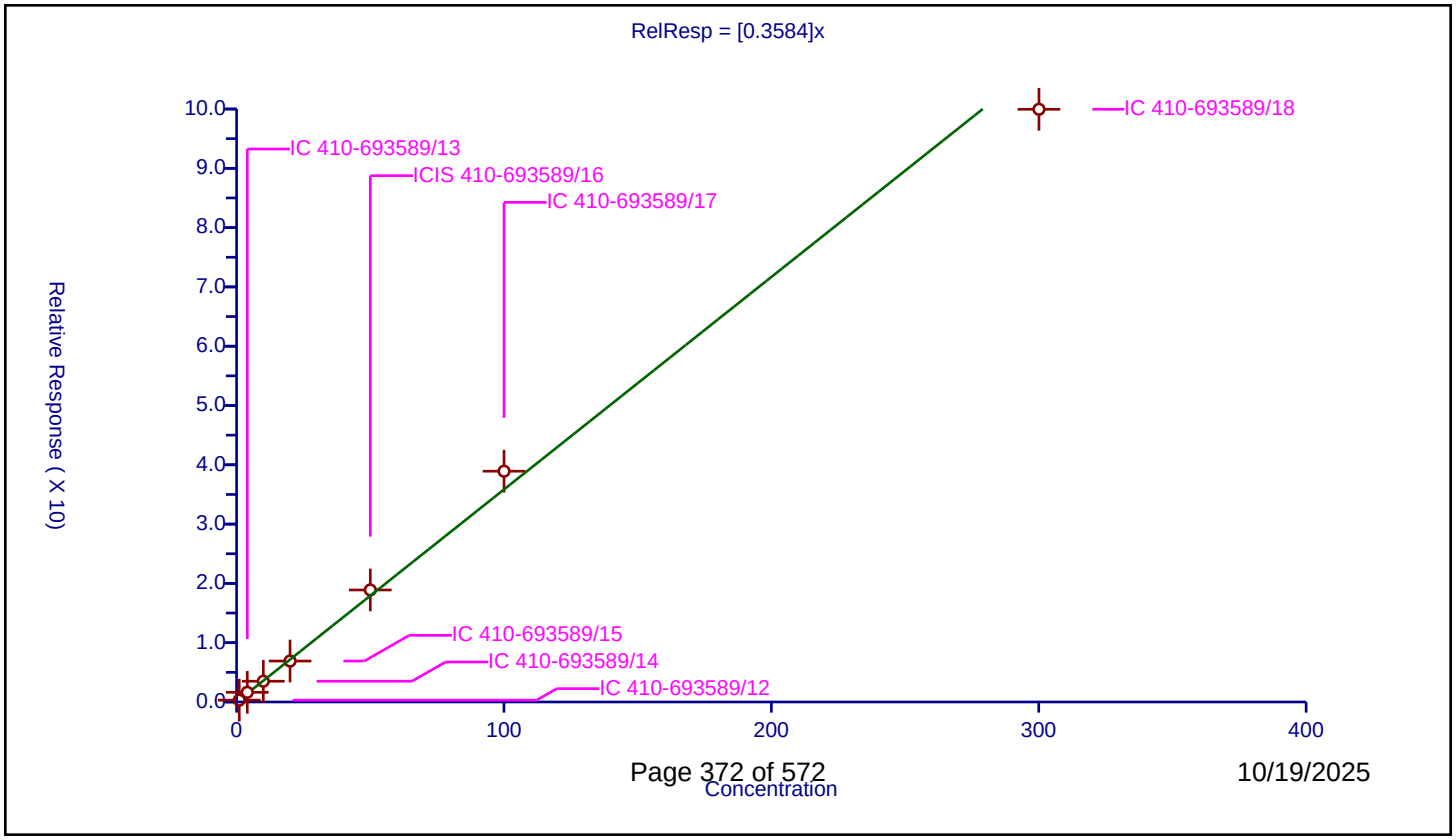
Curve Coefficients

Intercept:	0
Slope:	0.3584

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.000283	0.306292	50.0	1009659.0	0.306205	Y
2	IC 410-693589/13	4.001132	1.628394	50.0	1003228.0	0.406983	Y
3	IC 410-693589/14	10.00283	3.503022	50.0	1000636.0	0.350203	Y
4	IC 410-693589/15	20.00566	6.905002	50.0	1021991.0	0.345152	Y
5	ICIS 410-693589/16	50.01415	18.891245	50.0	1019414.0	0.377718	Y
6	IC 410-693589/17	100.0283	38.921793	50.0	1073671.0	0.389108	Y
7	IC 410-693589/18	300.0849	99.954779	50.0	1154330.0	0.333088	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

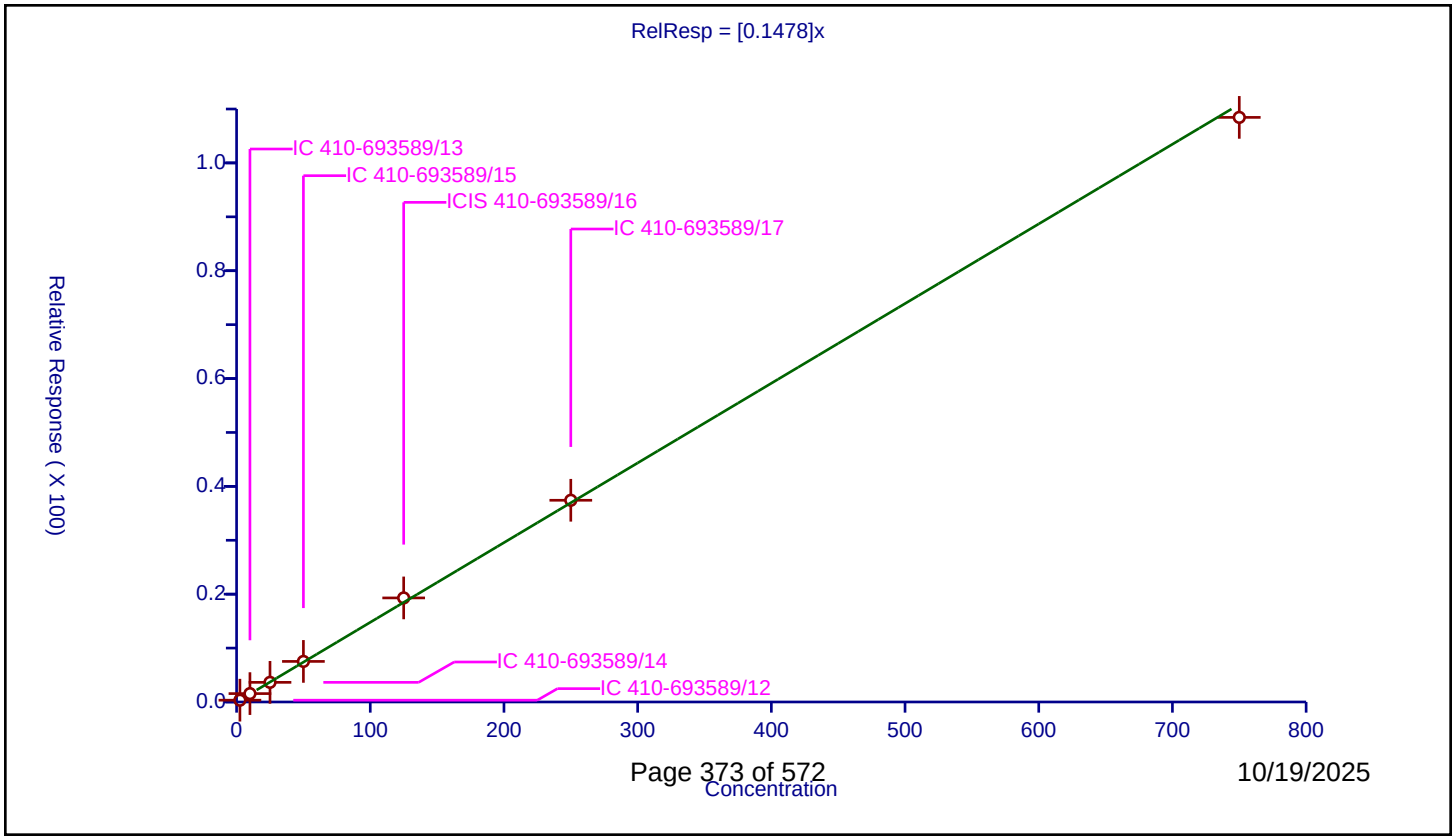
Curve Coefficients

Intercept:	0
Slope:	0.1478

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	2.5	0.335856	50.0	1009659.0	0.134342	Y
2	IC 410-693589/13	10.0	1.554233	50.0	1003228.0	0.155423	Y
3	IC 410-693589/14	25.0	3.640884	50.0	1000636.0	0.145635	Y
4	IC 410-693589/15	50.0	7.528051	50.0	1021991.0	0.150561	Y
5	ICIS 410-693589/16	125.0	19.303051	50.0	1019414.0	0.154424	Y
6	IC 410-693589/17	250.0	37.418772	50.0	1073671.0	0.149675	Y
7	IC 410-693589/18	750.0	108.447065	50.0	1154330.0	0.144596	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

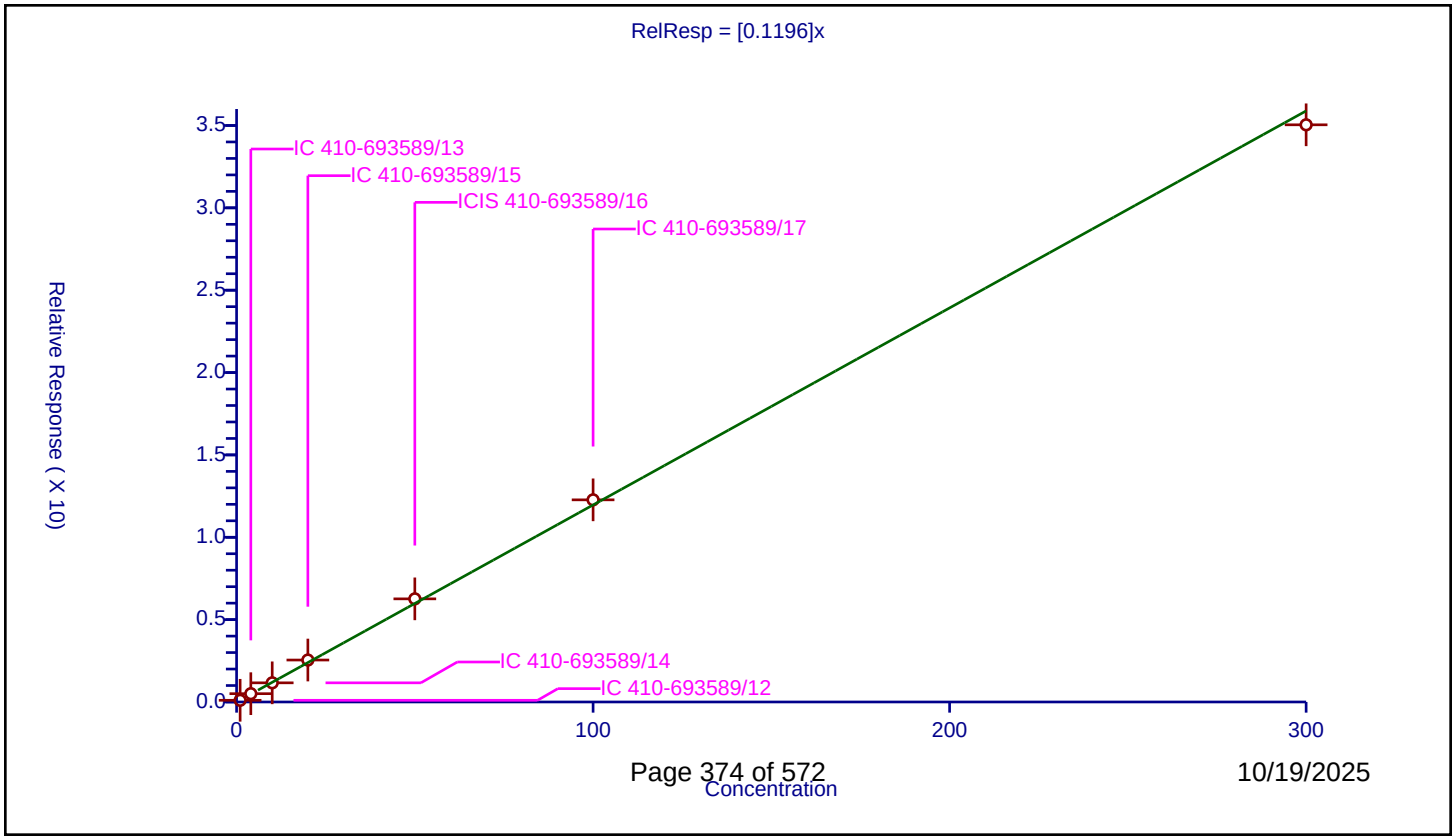
Curve Coefficients

Intercept:	0
Slope:	0.1196

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.102757	50.0	1009659.0	0.102757	Y
2	IC 410-693589/13	4.0	0.50482	50.0	1003228.0	0.126205	Y
3	IC 410-693589/14	10.0	1.162661	50.0	1000636.0	0.116266	Y
4	IC 410-693589/15	20.0	2.546891	50.0	1021991.0	0.127345	Y
5	ICIS 410-693589/16	50.0	6.261195	50.0	1019414.0	0.125224	Y
6	IC 410-693589/17	100.0	12.272009	50.0	1073671.0	0.12272	Y
7	IC 410-693589/18	300.0	35.042189	50.0	1154330.0	0.116807	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

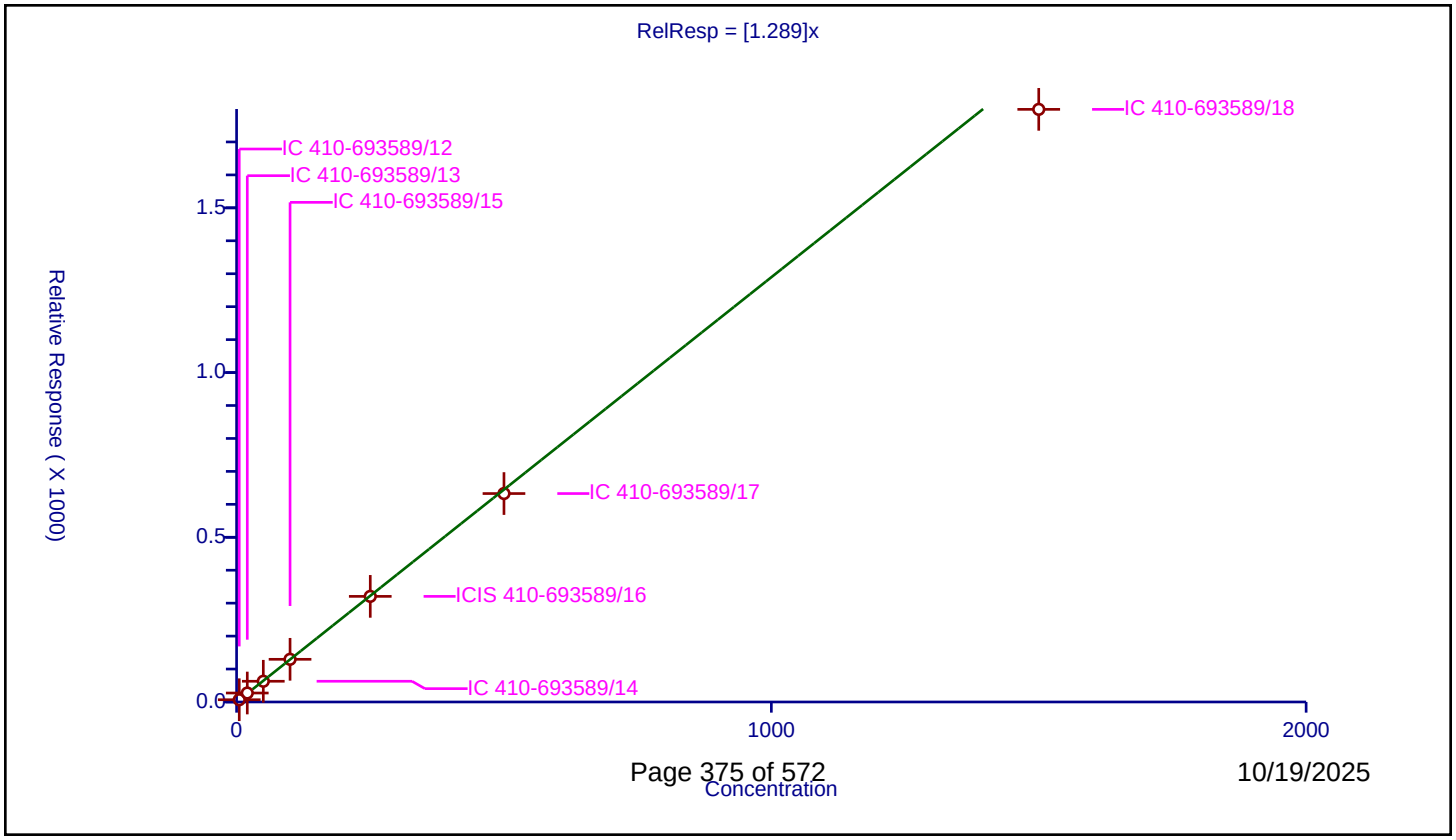
Curve Coefficients

Intercept:	0
Slope:	1.289

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	5.0	6.810665	250.0	184747.0	1.362133	Y
2	IC 410-693589/13	20.0	27.241576	250.0	183855.0	1.362079	Y
3	IC 410-693589/14	50.0	62.955486	250.0	186751.0	1.25911	Y
4	IC 410-693589/15	100.0	129.519541	250.0	186634.0	1.295195	Y
5	ICIS 410-693589/16	250.0	320.629852	250.0	192585.0	1.282519	Y
6	IC 410-693589/17	500.0	632.733967	250.0	198960.0	1.265468	Y
7	IC 410-693589/18	1500.0	1798.946911	250.0	218405.0	1.199298	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

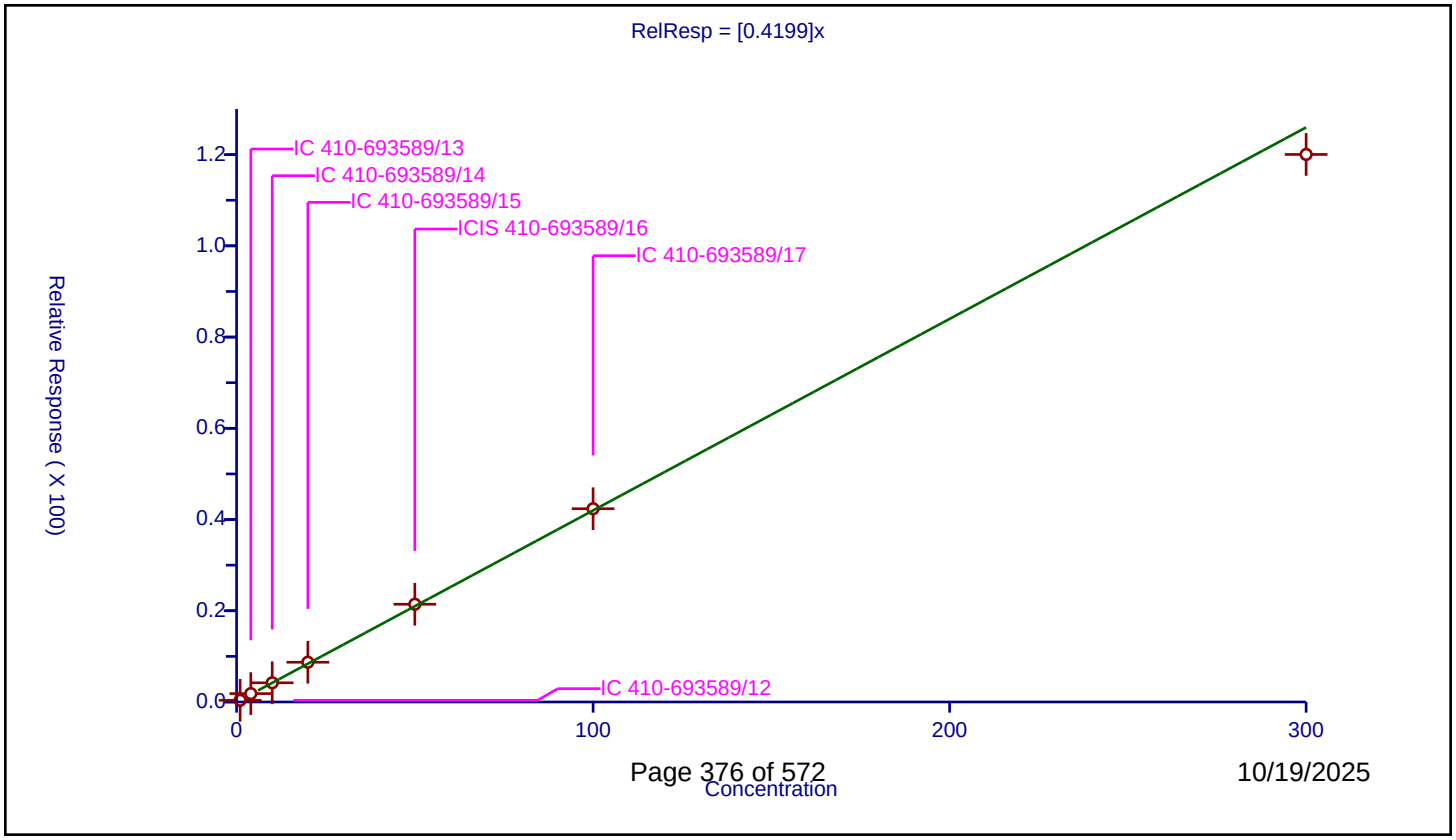
Curve Coefficients

Intercept:	0
Slope:	0.4199

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.371512	50.0	1009659.0	0.371512	Y
2	IC 410-693589/13	4.0	1.837469	50.0	1003228.0	0.459367	Y
3	IC 410-693589/14	10.0	4.205525	50.0	1000636.0	0.420553	Y
4	IC 410-693589/15	20.0	8.711182	50.0	1021991.0	0.435559	Y
5	ICIS 410-693589/16	50.0	21.429125	50.0	1019414.0	0.428582	Y
6	IC 410-693589/17	100.0	42.36796	50.0	1073671.0	0.42368	Y
7	IC 410-693589/18	300.0	120.03933	50.0	1154330.0	0.400131	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

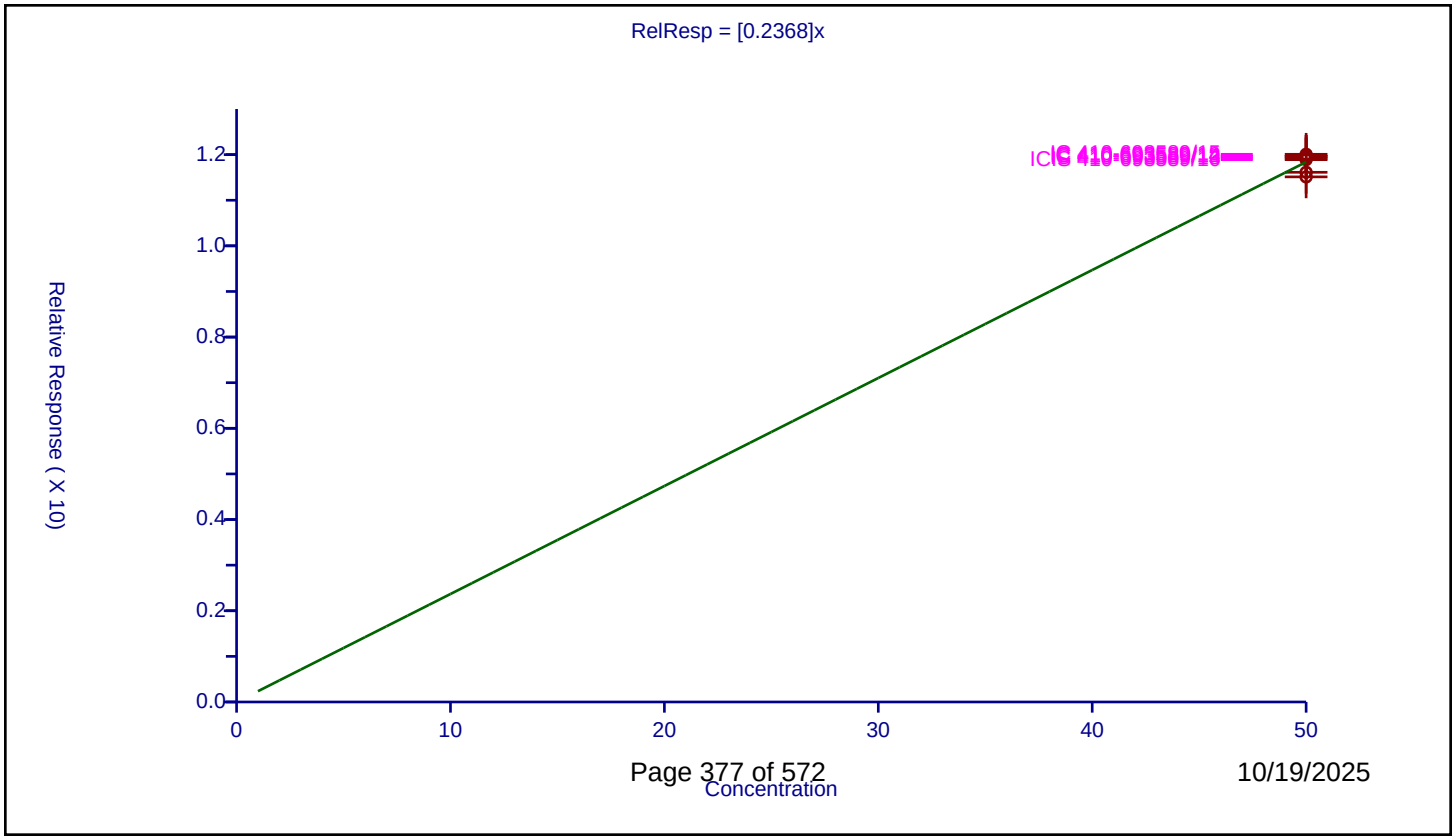
Curve Coefficients

Intercept:	0
Slope:	0.2368

Error Coefficients

Relative Standard Deviation:	1.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	50.0	11.962356	50.0	1009659.0	0.239247	Y
2	IC 410-693589/13	50.0	11.918677	50.0	1003228.0	0.238374	Y
3	IC 410-693589/14	50.0	11.962492	50.0	1000636.0	0.23925	Y
4	IC 410-693589/15	50.0	12.007444	50.0	1021991.0	0.240149	Y
5	ICIS 410-693589/16	50.0	11.889232	50.0	1019414.0	0.237785	Y
6	IC 410-693589/17	50.0	11.612868	50.0	1073671.0	0.232257	Y
7	IC 410-693589/18	50.0	11.511873	50.0	1154330.0	0.230237	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

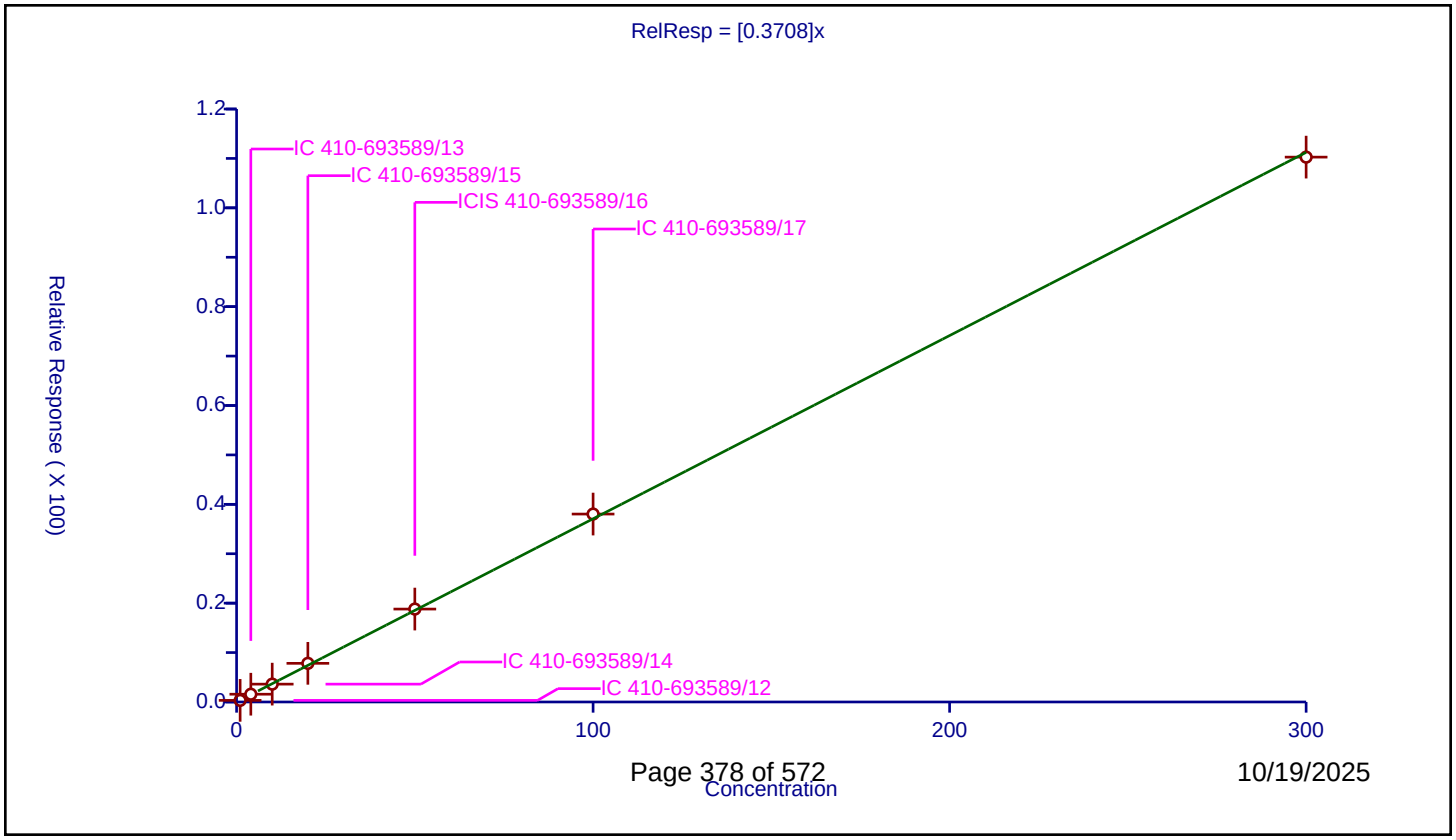
Curve Coefficients

Intercept:	0
Slope:	0.3708

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.325902	50.0	1009659.0	0.325902	Y
2	IC 410-693589/13	4.0	1.572026	50.0	1003228.0	0.393006	Y
3	IC 410-693589/14	10.0	3.613052	50.0	1000636.0	0.361305	Y
4	IC 410-693589/15	20.0	7.823014	50.0	1021991.0	0.391151	Y
5	ICIS 410-693589/16	50.0	18.80497	50.0	1019414.0	0.376099	Y
6	IC 410-693589/17	100.0	38.030644	50.0	1073671.0	0.380306	Y
7	IC 410-693589/18	300.0	110.263183	50.0	1154330.0	0.367544	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

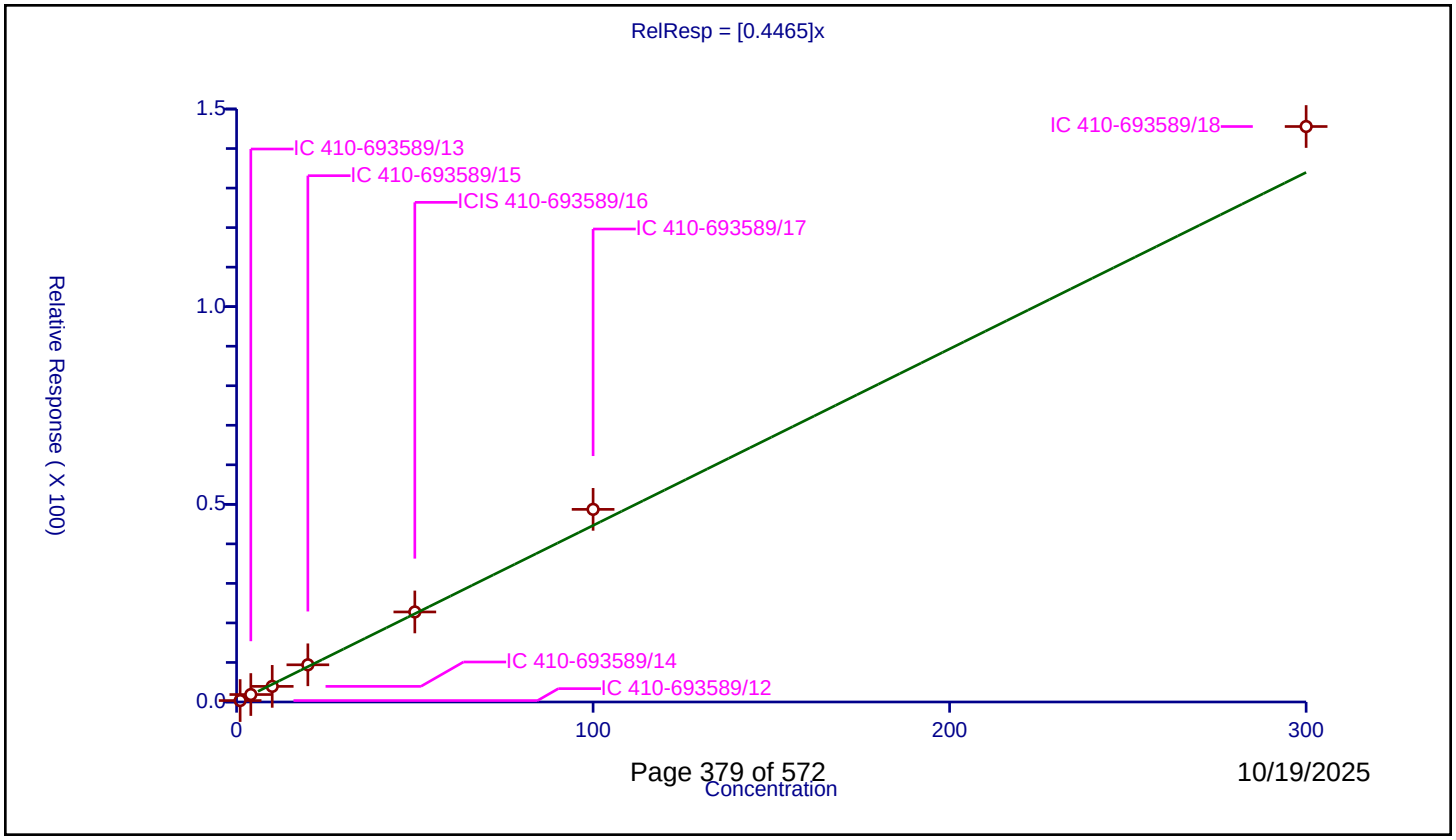
Curve Coefficients

Intercept:	0
Slope:	0.4465

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.362152	50.0	1009659.0	0.362152	Y
2	IC 410-693589/13	4.0	1.882174	50.0	1003228.0	0.470544	Y
3	IC 410-693589/14	10.0	3.94634	50.0	1000636.0	0.394634	Y
4	IC 410-693589/15	20.0	9.408106	50.0	1021991.0	0.470405	Y
5	ICIS 410-693589/16	50.0	22.776173	50.0	1019414.0	0.455523	Y
6	IC 410-693589/17	100.0	48.729173	50.0	1073671.0	0.487292	Y
7	IC 410-693589/18	300.0	145.576958	50.0	1154330.0	0.485257	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

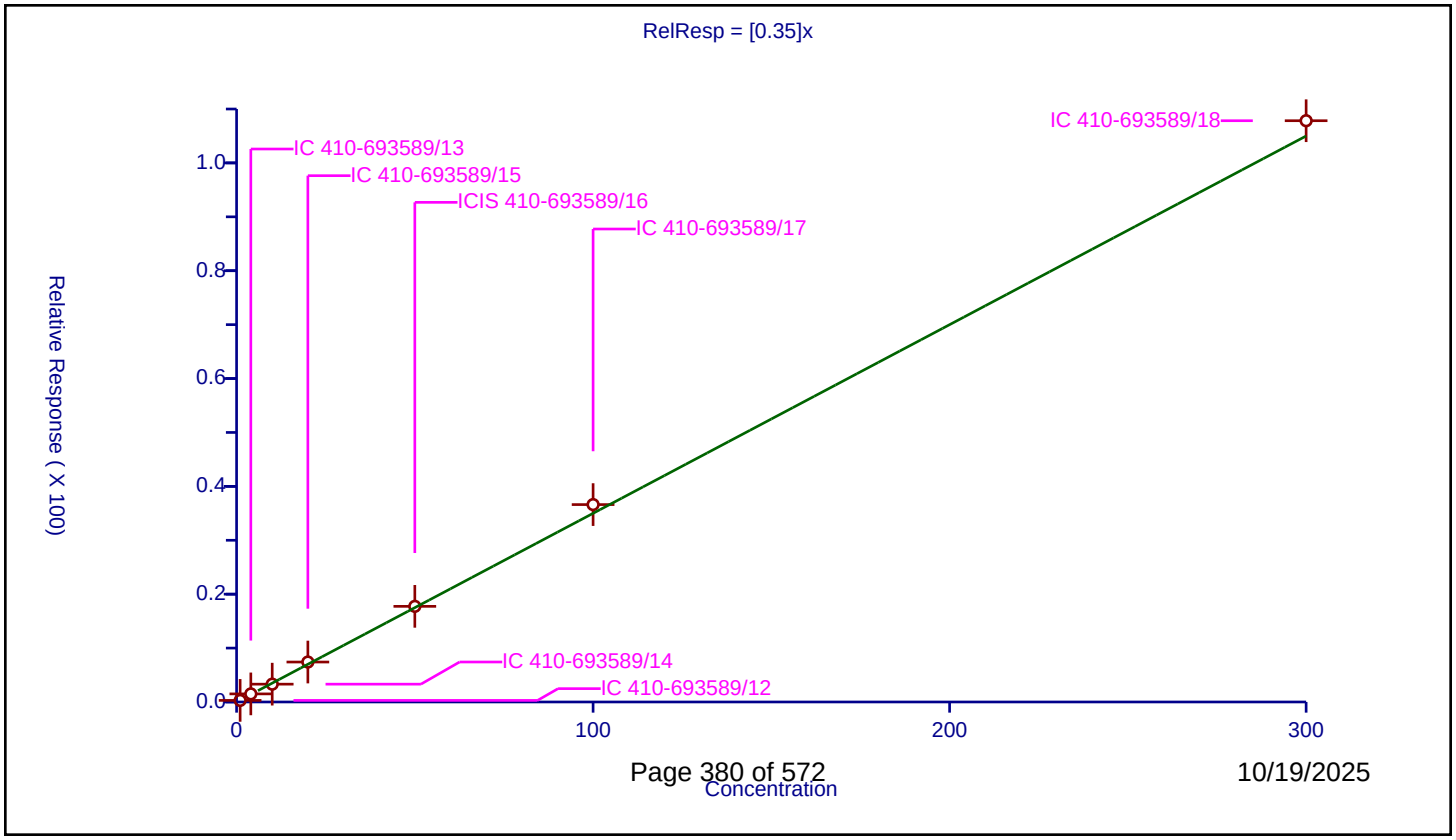
Curve Coefficients

Intercept:	0
Slope:	0.35

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.292673	50.0	1009659.0	0.292673	Y
2	IC 410-693589/13	4.0	1.501802	50.0	1003228.0	0.375451	Y
3	IC 410-693589/14	10.0	3.307496	50.0	1000636.0	0.33075	Y
4	IC 410-693589/15	20.0	7.41078	50.0	1021991.0	0.370539	Y
5	ICIS 410-693589/16	50.0	17.74181	50.0	1019414.0	0.354836	Y
6	IC 410-693589/17	100.0	36.619179	50.0	1073671.0	0.366192	Y
7	IC 410-693589/18	300.0	107.830473	50.0	1154330.0	0.359435	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

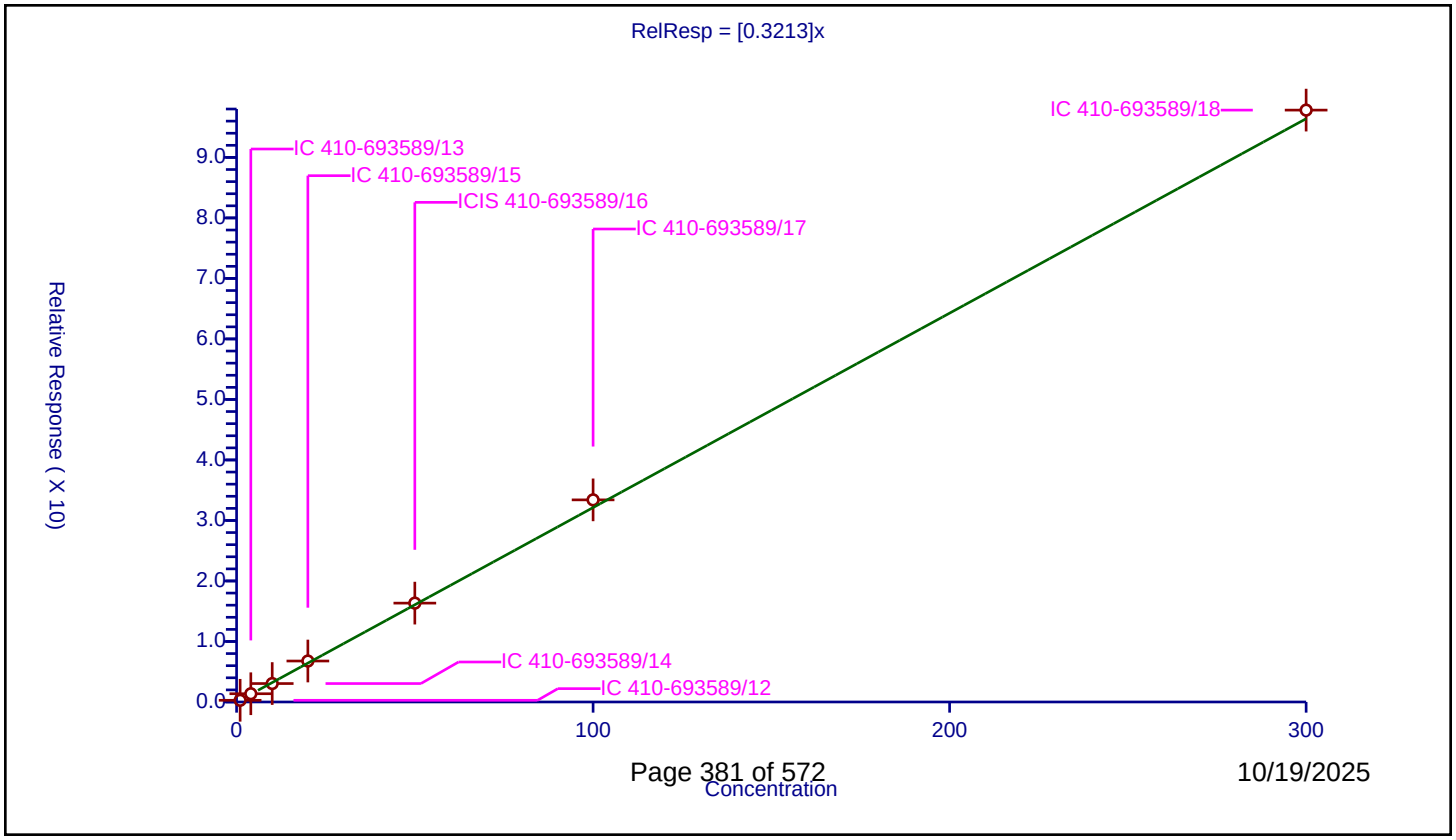
Curve Coefficients

Intercept:	0
Slope:	0.3213

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.278609	50.0	1009659.0	0.278609	Y
2	IC 410-693589/13	4.0	1.361854	50.0	1003228.0	0.340463	Y
3	IC 410-693589/14	10.0	3.046962	50.0	1000636.0	0.304696	Y
4	IC 410-693589/15	20.0	6.771293	50.0	1021991.0	0.338565	Y
5	ICIS 410-693589/16	50.0	16.33924	50.0	1019414.0	0.326785	Y
6	IC 410-693589/17	100.0	33.405391	50.0	1073671.0	0.334054	Y
7	IC 410-693589/18	300.0	97.819904	50.0	1154330.0	0.326066	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

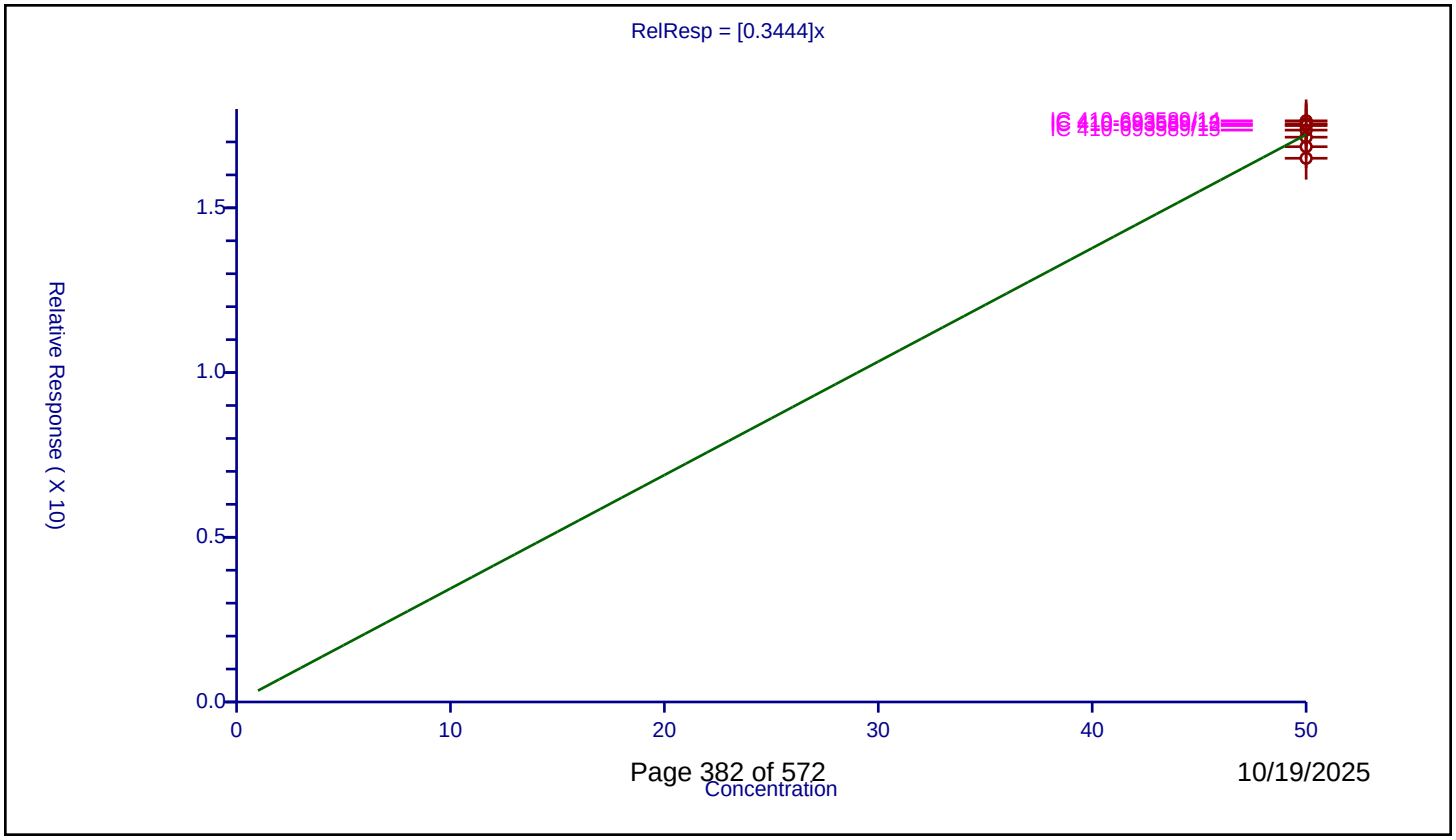
Curve Coefficients

Intercept:	0
Slope:	0.3444

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	50.0	17.497541	50.0	1009659.0	0.349951	Y
2	IC 410-693589/13	50.0	17.552092	50.0	1003228.0	0.351042	Y
3	IC 410-693589/14	50.0	17.64143	50.0	1000636.0	0.352829	Y
4	IC 410-693589/15	50.0	17.359546	50.0	1021991.0	0.347191	Y
5	ICIS 410-693589/16	50.0	17.145389	50.0	1019414.0	0.342908	Y
6	IC 410-693589/17	50.0	16.856188	50.0	1073671.0	0.337124	Y
7	IC 410-693589/18	50.0	16.505029	50.0	1154330.0	0.330101	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

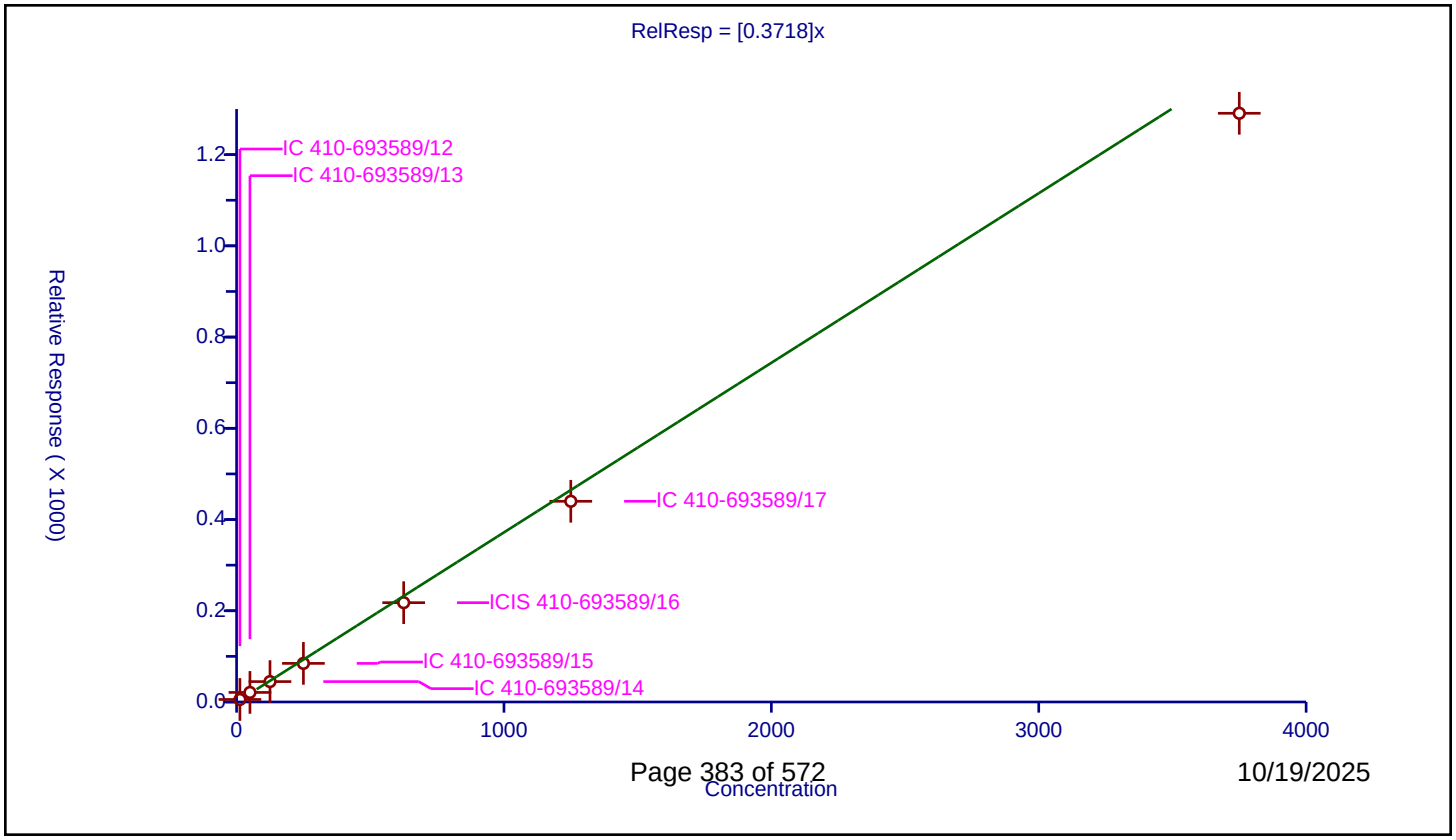
Curve Coefficients

Intercept:	0
Slope:	0.3718

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	12.5	5.529183	250.0	184747.0	0.442335	Y
2	IC 410-693589/13	50.0	20.962171	250.0	183855.0	0.419243	Y
3	IC 410-693589/14	125.0	44.705249	250.0	186751.0	0.357642	Y
4	IC 410-693589/15	250.0	84.645617	250.0	186634.0	0.338582	Y
5	ICIS 410-693589/16	625.0	217.741517	250.0	192585.0	0.348386	Y
6	IC 410-693589/17	1250.0	439.999246	250.0	198960.0	0.351999	Y
7	IC 410-693589/18	3750.0	1290.649253	250.0	218405.0	0.344173	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

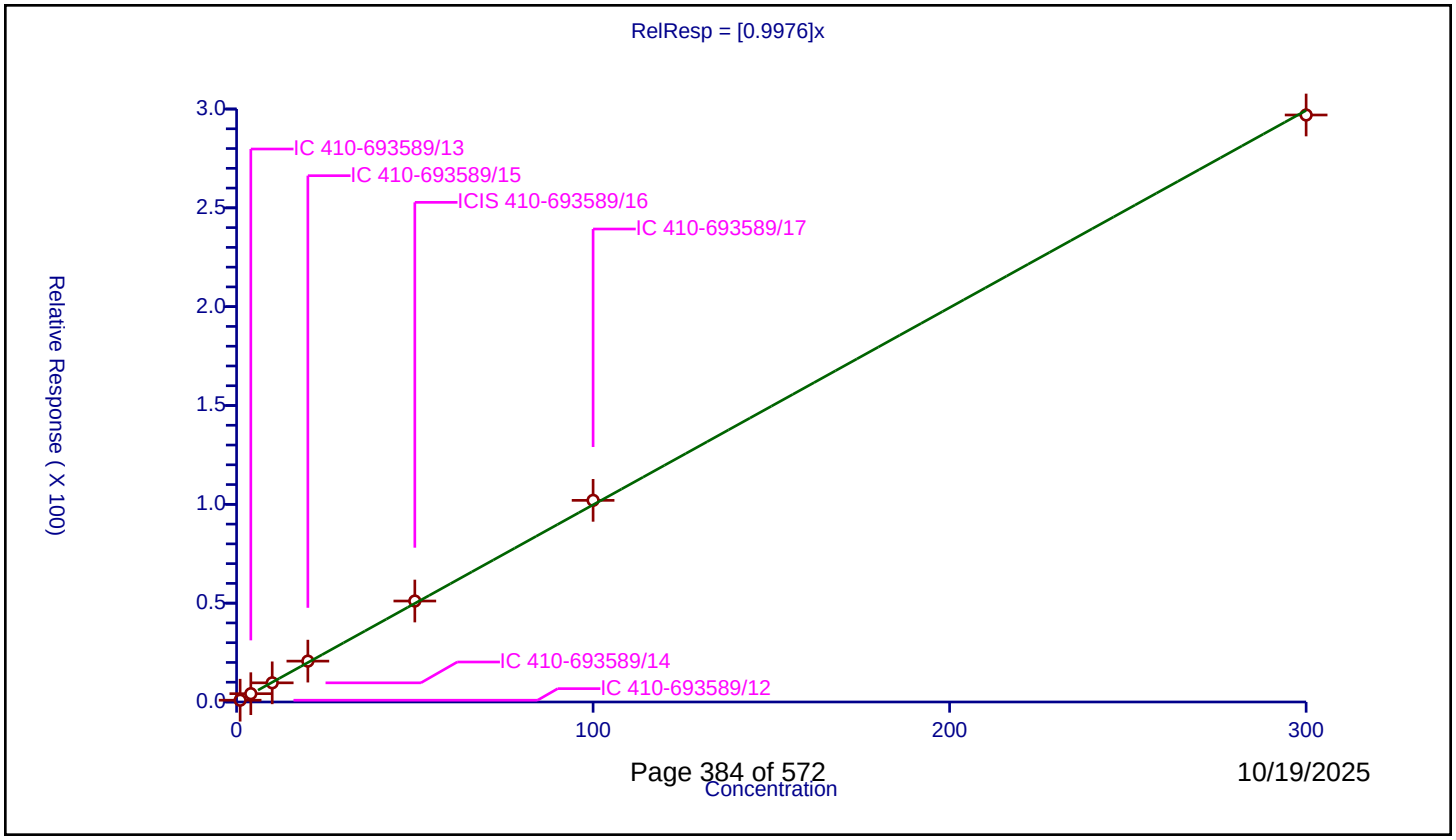
Curve Coefficients

Intercept:	0
Slope:	0.9976

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.898125	50.0	1009659.0	0.898125	Y
2	IC 410-693589/13	4.0	4.198497	50.0	1003228.0	1.049624	Y
3	IC 410-693589/14	10.0	9.697482	50.0	1000636.0	0.969748	Y
4	IC 410-693589/15	20.0	20.675769	50.0	1021991.0	1.033788	Y
5	ICIS 410-693589/16	50.0	51.087389	50.0	1019414.0	1.021748	Y
6	IC 410-693589/17	100.0	102.008809	50.0	1073671.0	1.020088	Y
7	IC 410-693589/18	300.0	296.972876	50.0	1154330.0	0.98991	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

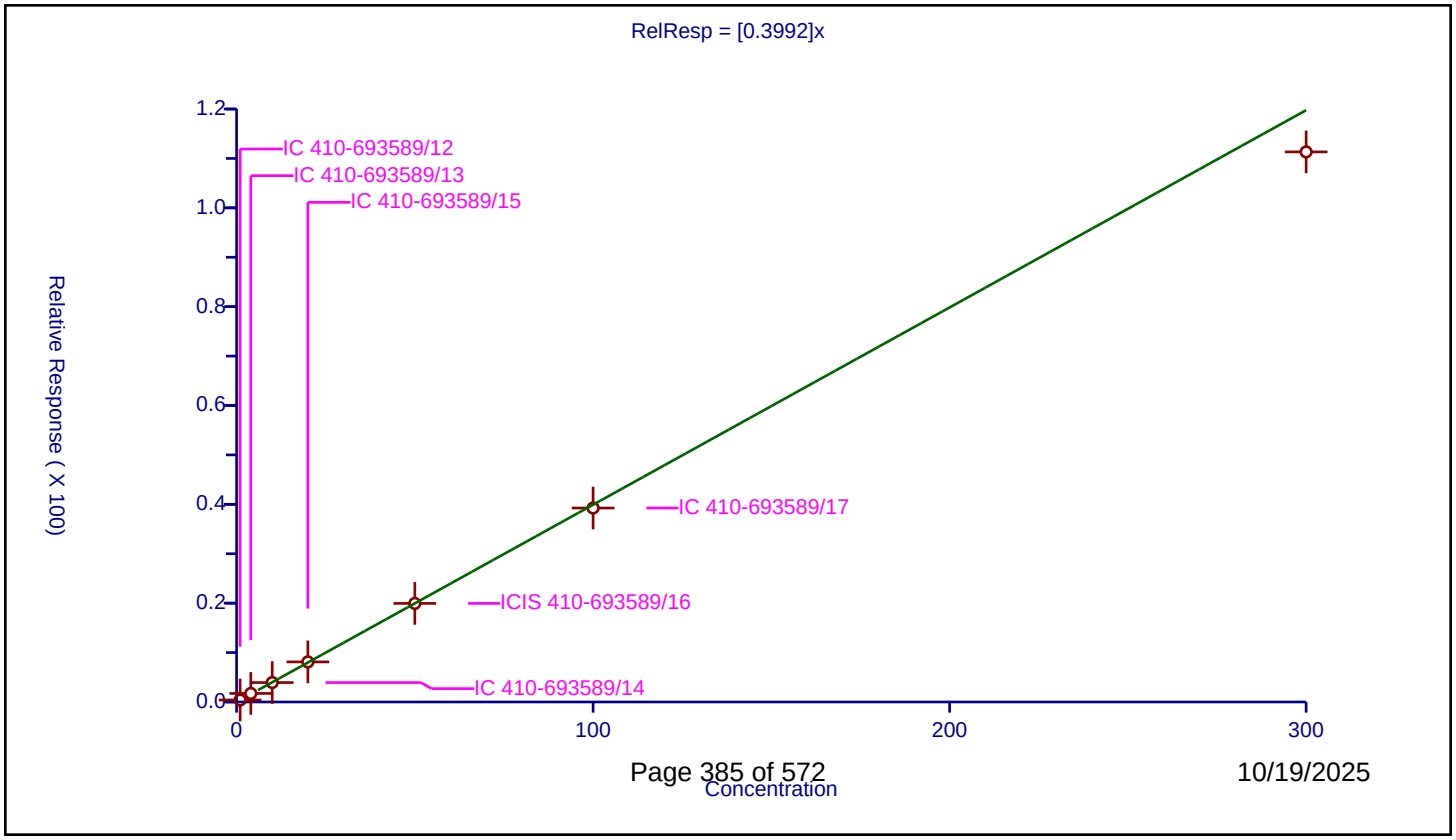
Curve Coefficients

Intercept:	0
Slope:	0.3992

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.401126	50.0	1009659.0	0.401126	Y
2	IC 410-693589/13	4.0	1.727773	50.0	1003228.0	0.431943	Y
3	IC 410-693589/14	10.0	3.932849	50.0	1000636.0	0.393285	Y
4	IC 410-693589/15	20.0	8.111422	50.0	1021991.0	0.405571	Y
5	ICIS 410-693589/16	50.0	19.949255	50.0	1019414.0	0.398985	Y
6	IC 410-693589/17	100.0	39.249174	50.0	1073671.0	0.392492	Y
7	IC 410-693589/18	300.0	111.322369	50.0	1154330.0	0.371075	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

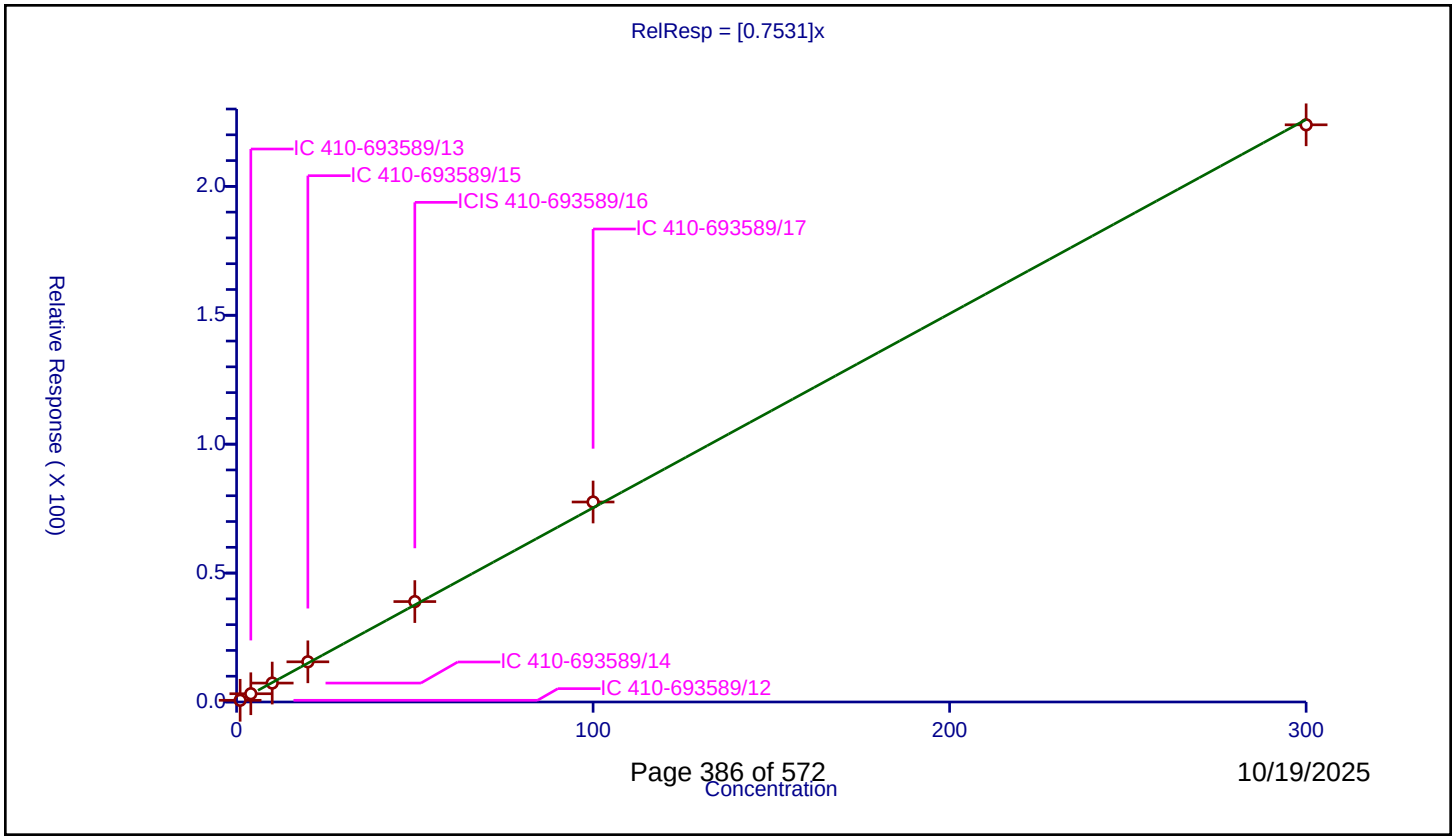
Curve Coefficients

Intercept:	0
Slope:	0.7531

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.657202	50.0	1009659.0	0.657202	Y
2	IC 410-693589/13	4.0	3.201416	50.0	1003228.0	0.800354	Y
3	IC 410-693589/14	10.0	7.336934	50.0	1000636.0	0.733693	Y
4	IC 410-693589/15	20.0	15.584775	50.0	1021991.0	0.779239	Y
5	ICIS 410-693589/16	50.0	38.949975	50.0	1019414.0	0.779	Y
6	IC 410-693589/17	100.0	77.568128	50.0	1073671.0	0.775681	Y
7	IC 410-693589/18	300.0	223.87896	50.0	1154330.0	0.746263	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

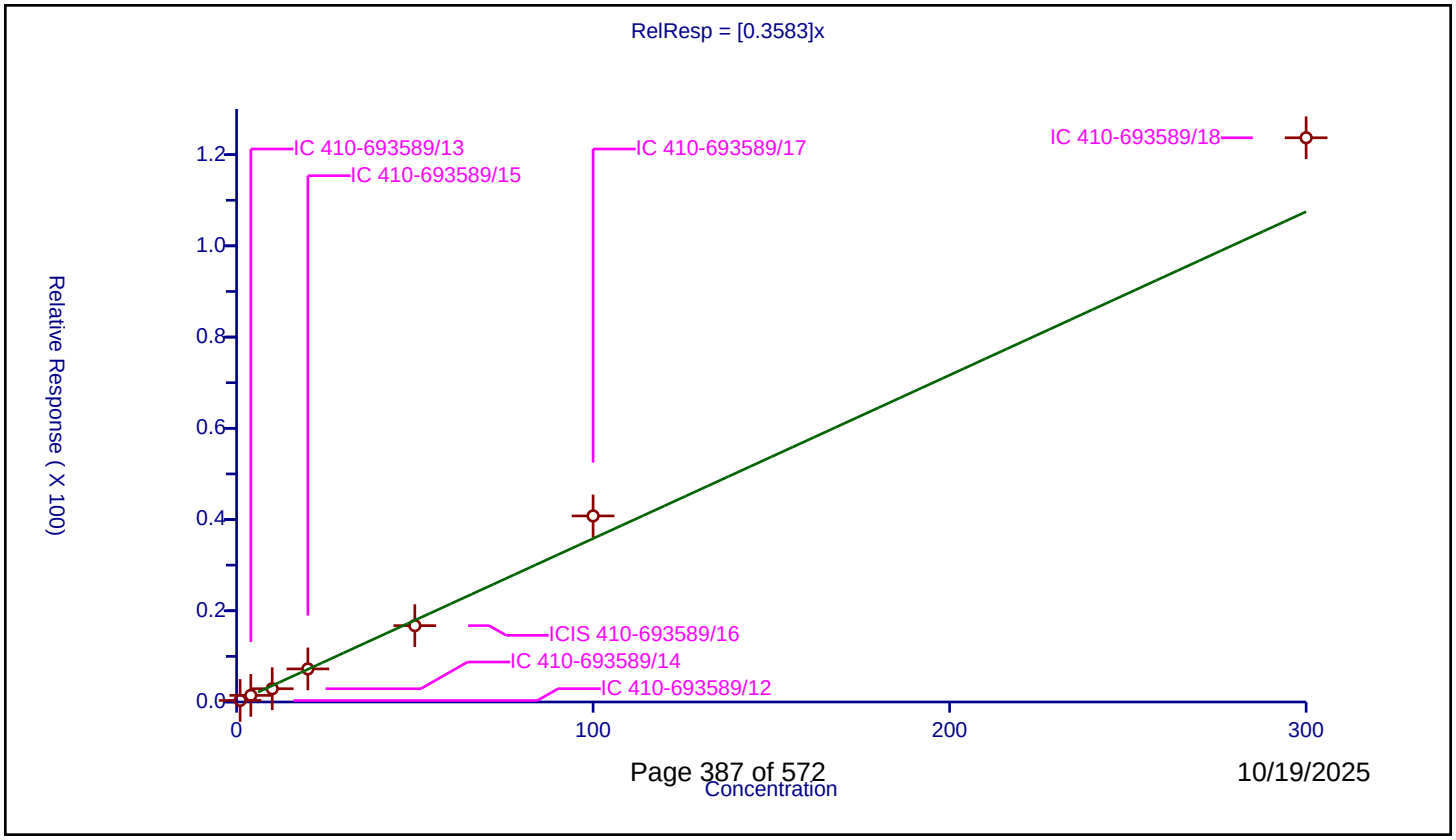
Curve Coefficients

Intercept:	0
Slope:	0.3583

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.337441	50.0	1009659.0	0.337441	Y
2	IC 410-693589/13	4.0	1.448125	50.0	1003228.0	0.362031	Y
3	IC 410-693589/14	10.0	2.909799	50.0	1000636.0	0.29098	Y
4	IC 410-693589/15	20.0	7.252363	50.0	1021991.0	0.362618	Y
5	ICIS 410-693589/16	50.0	16.738979	50.0	1019414.0	0.33478	Y
6	IC 410-693589/17	100.0	40.793129	50.0	1073671.0	0.407931	Y
7	IC 410-693589/18	300.0	123.699852	50.0	1154330.0	0.412333	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

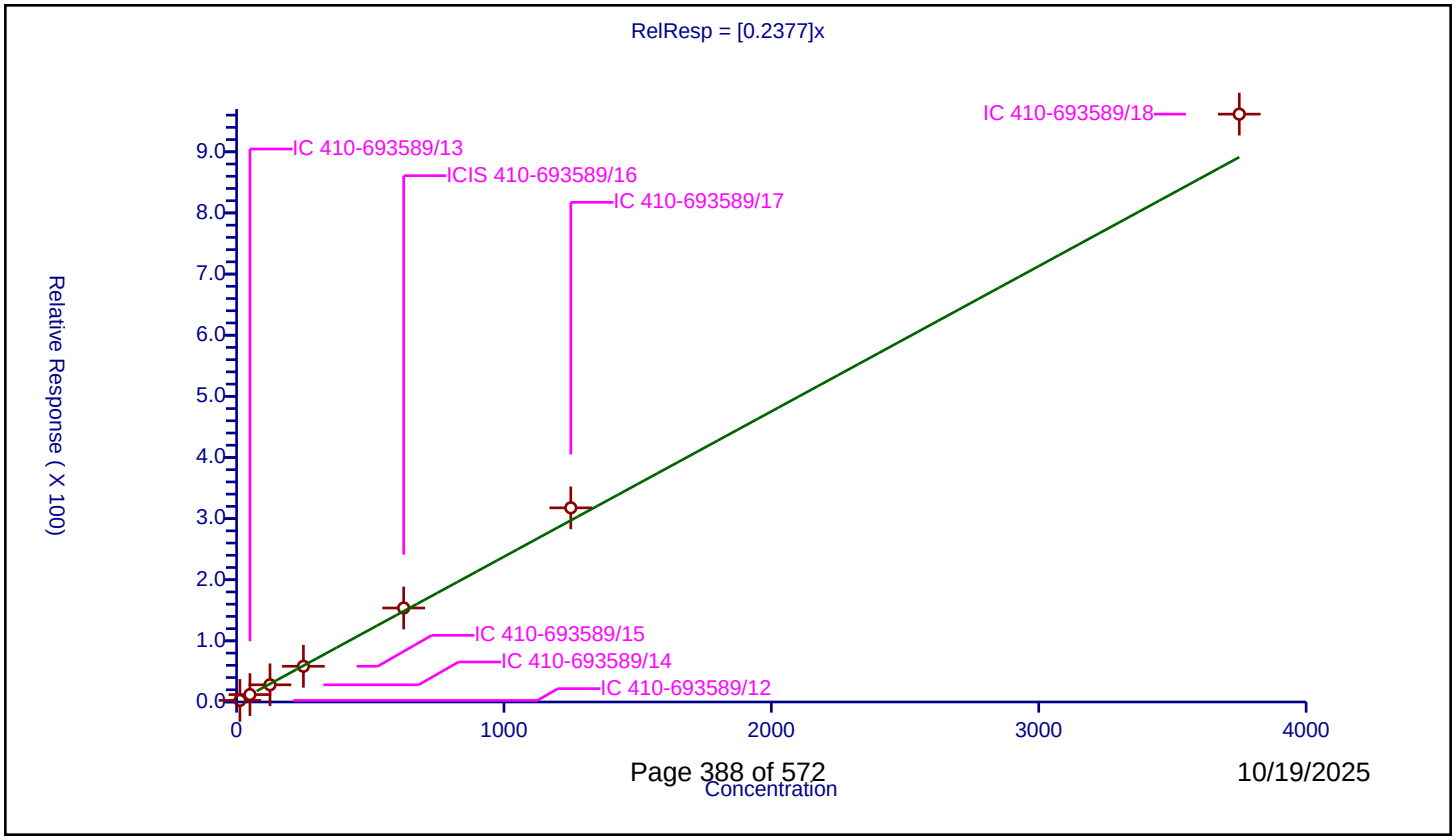
Curve Coefficients

Intercept:	0
Slope:	0.2377

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	12.5	2.579203	250.0	184747.0	0.206336	Y
2	IC 410-693589/13	50.0	12.101928	250.0	183855.0	0.242039	Y
3	IC 410-693589/14	125.0	28.118993	250.0	186751.0	0.224952	Y
4	IC 410-693589/15	250.0	58.441924	250.0	186634.0	0.233768	Y
5	ICIS 410-693589/16	625.0	153.754186	250.0	192585.0	0.246007	Y
6	IC 410-693589/17	1250.0	317.604041	250.0	198960.0	0.254083	Y
7	IC 410-693589/18	3750.0	961.644651	250.0	218405.0	0.256439	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

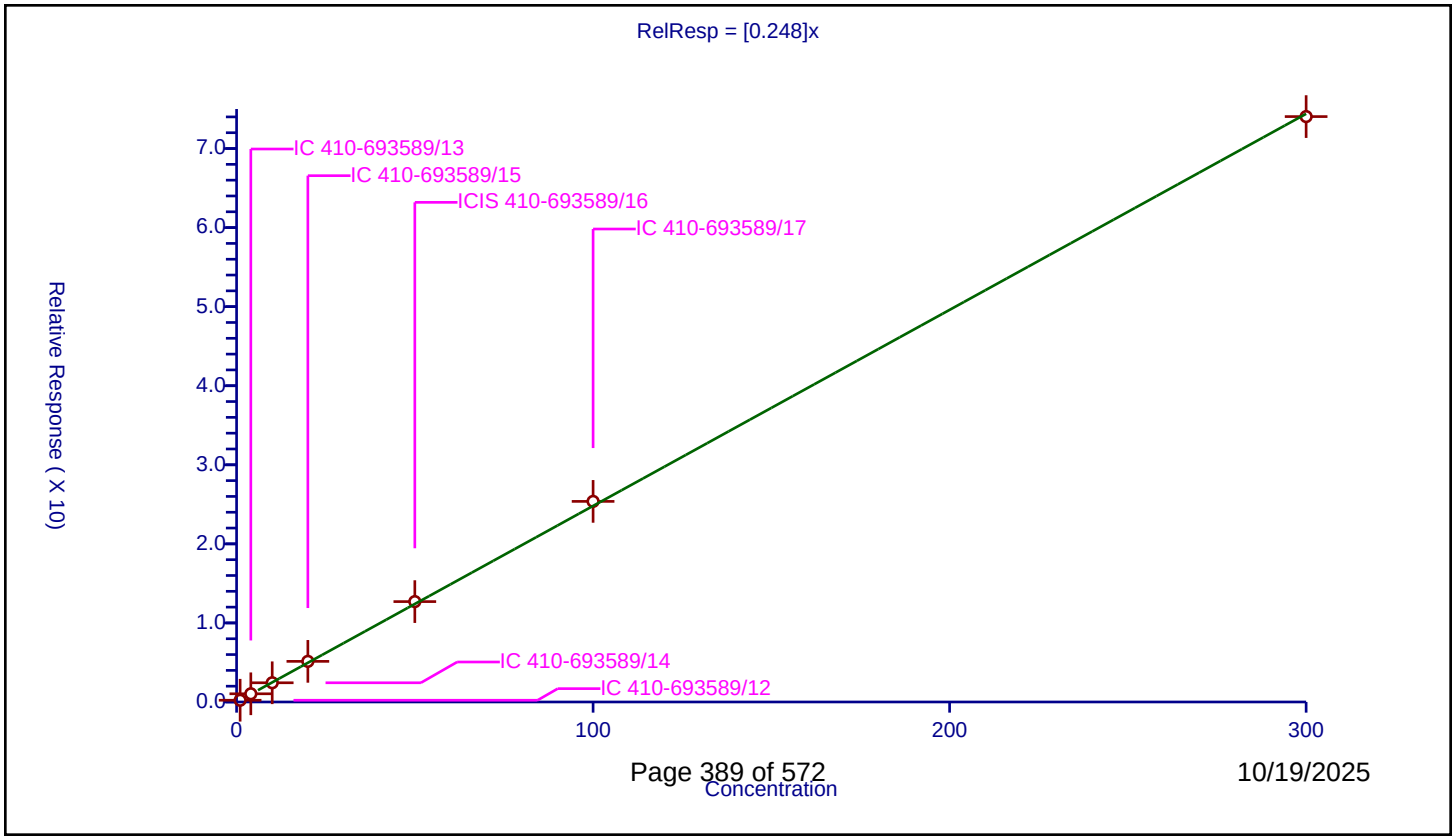
Curve Coefficients

Intercept:	0
Slope:	0.248

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.222402	50.0	1009659.0	0.222402	Y
2	IC 410-693589/13	4.0	1.035906	50.0	1003228.0	0.258977	Y
3	IC 410-693589/14	10.0	2.430404	50.0	1000636.0	0.24304	Y
4	IC 410-693589/15	20.0	5.139282	50.0	1021991.0	0.256964	Y
5	ICIS 410-693589/16	50.0	12.697344	50.0	1019414.0	0.253947	Y
6	IC 410-693589/17	100.0	25.370994	50.0	1073671.0	0.25371	Y
7	IC 410-693589/18	300.0	74.040829	50.0	1154330.0	0.246803	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

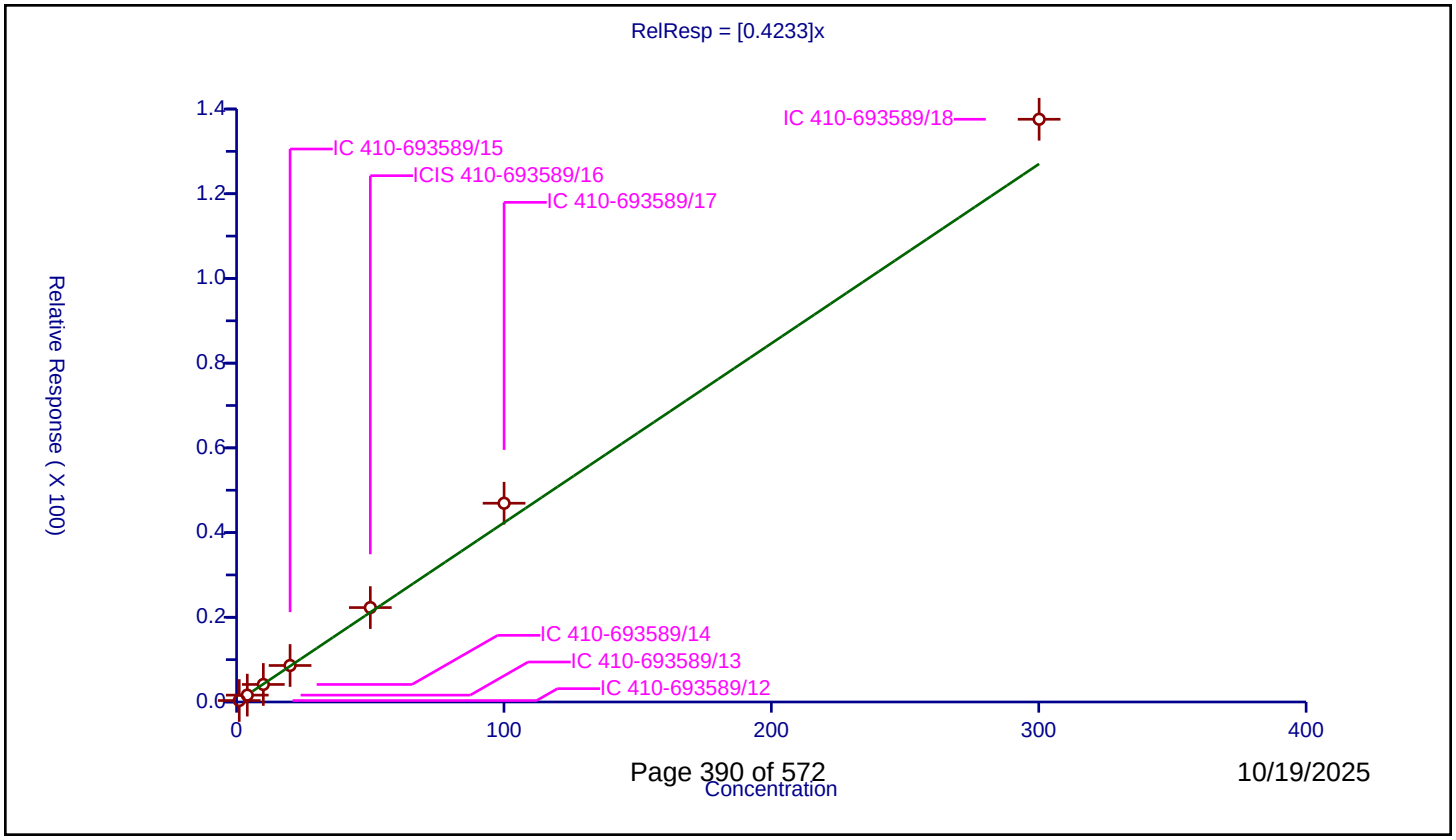
Curve Coefficients

Intercept:	0
Slope:	0.4233

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.00048	0.340263	50.0	1009659.0	0.3401	Y
2	IC 410-693589/13	4.00192	1.621167	50.0	1003228.0	0.405097	Y
3	IC 410-693589/14	10.0048	4.141266	50.0	1000636.0	0.413928	Y
4	IC 410-693589/15	20.0096	8.617199	50.0	1021991.0	0.430653	Y
5	ICIS 410-693589/16	50.024	22.290257	50.0	1019414.0	0.445591	Y
6	IC 410-693589/17	100.048	46.926153	50.0	1073671.0	0.469036	Y
7	IC 410-693589/18	300.144	137.584876	50.0	1154330.0	0.458396	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

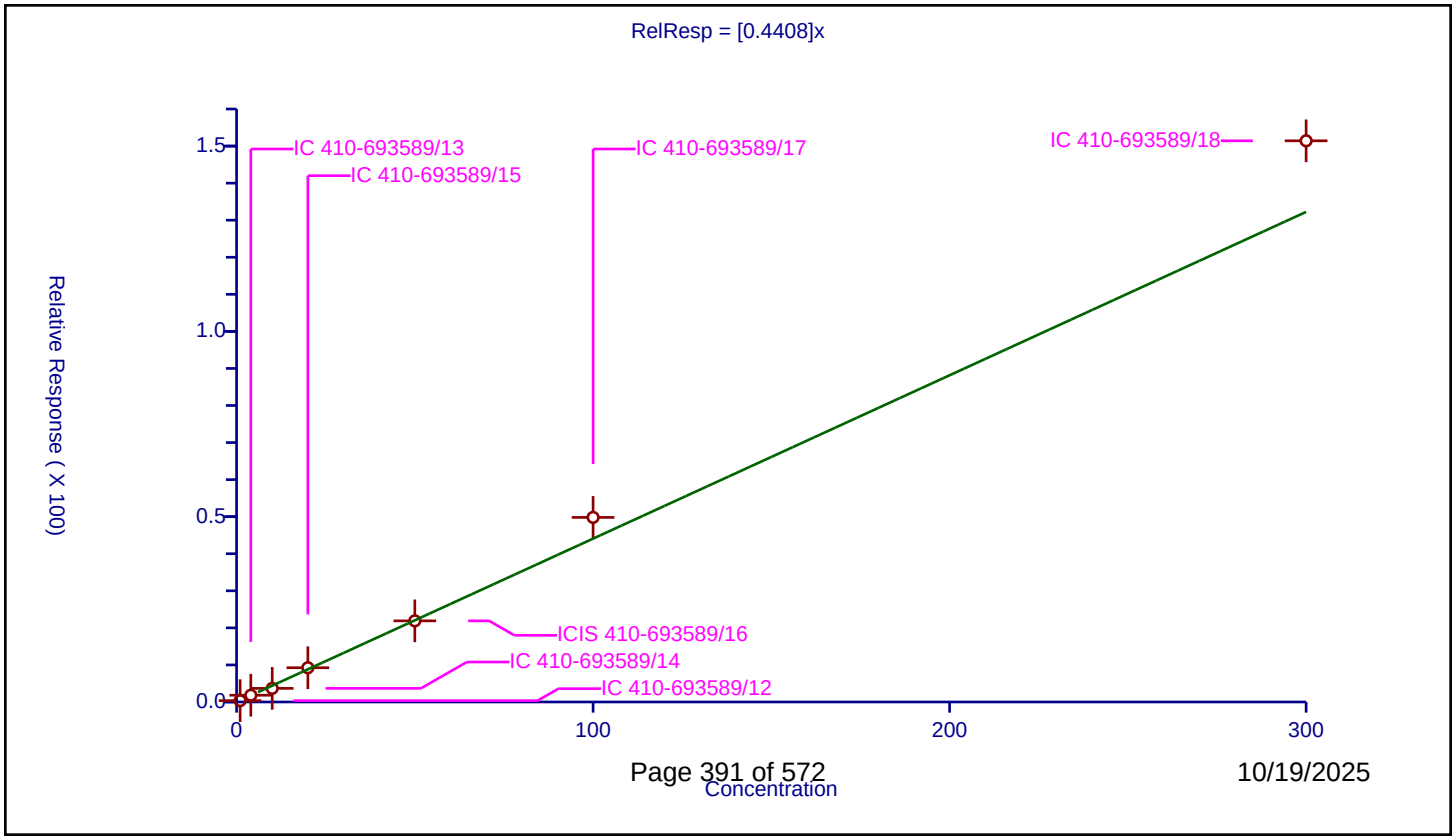
Curve Coefficients

Intercept:	0
Slope:	0.4408

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.359824	50.0	1009659.0	0.359824	Y
2	IC 410-693589/13	4.0	1.821769	50.0	1003228.0	0.455442	Y
3	IC 410-693589/14	10.0	3.674413	50.0	1000636.0	0.367441	Y
4	IC 410-693589/15	20.0	9.243623	50.0	1021991.0	0.462181	Y
5	ICIS 410-693589/16	50.0	21.890321	50.0	1019414.0	0.437806	Y
6	IC 410-693589/17	100.0	49.804828	50.0	1073671.0	0.498048	Y
7	IC 410-693589/18	300.0	151.42286	50.0	1154330.0	0.504743	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

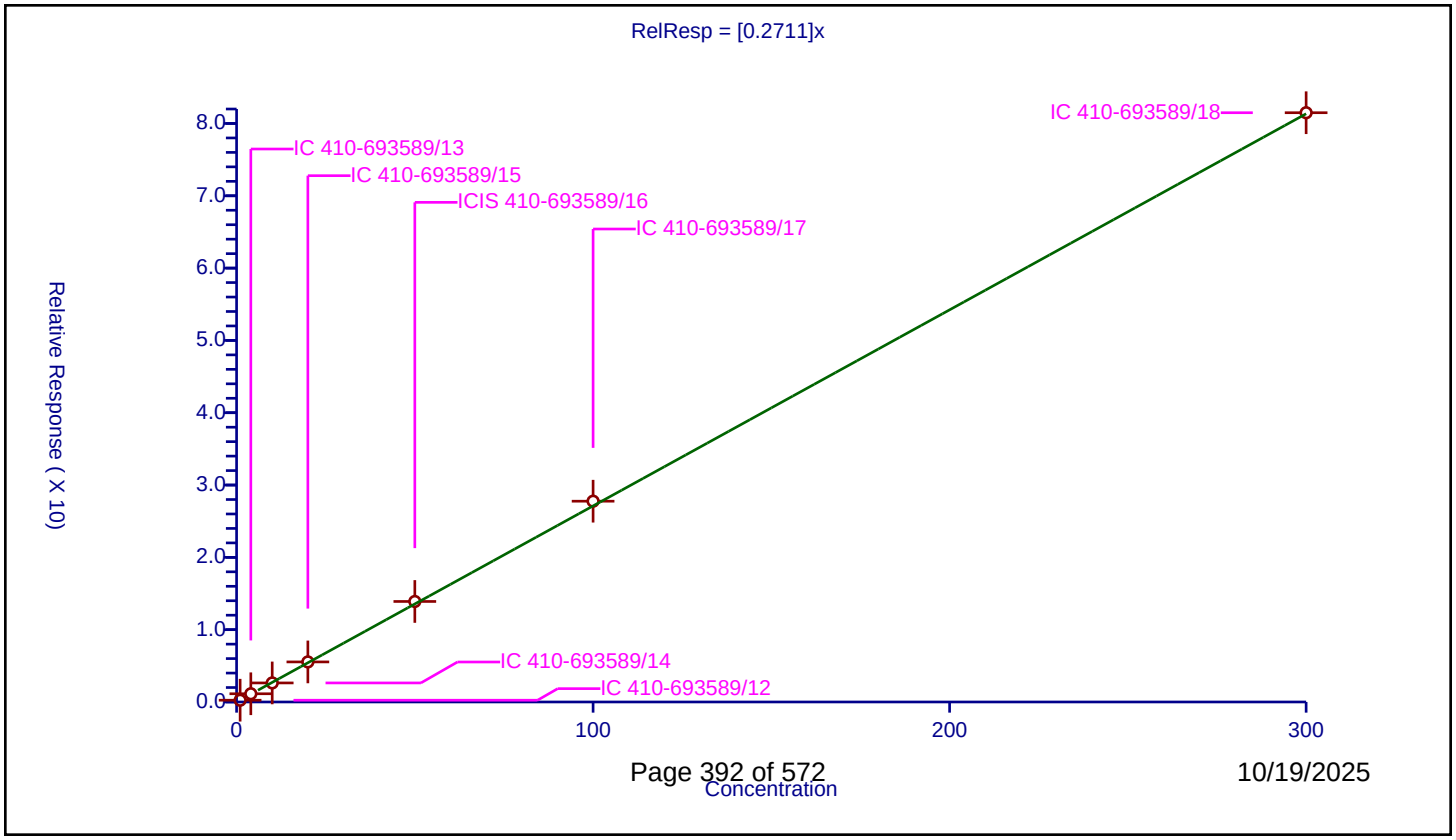
Curve Coefficients

Intercept:	0
Slope:	0.2711

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.246222	50.0	1009659.0	0.246222	Y
2	IC 410-693589/13	4.0	1.136332	50.0	1003228.0	0.284083	Y
3	IC 410-693589/14	10.0	2.633325	50.0	1000636.0	0.263333	Y
4	IC 410-693589/15	20.0	5.540704	50.0	1021991.0	0.277035	Y
5	ICIS 410-693589/16	50.0	13.900584	50.0	1019414.0	0.278012	Y
6	IC 410-693589/17	100.0	27.767445	50.0	1073671.0	0.277674	Y
7	IC 410-693589/18	300.0	81.486837	50.0	1154330.0	0.271623	Y



Calibration / 2-ethoxy-2-methyl butane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

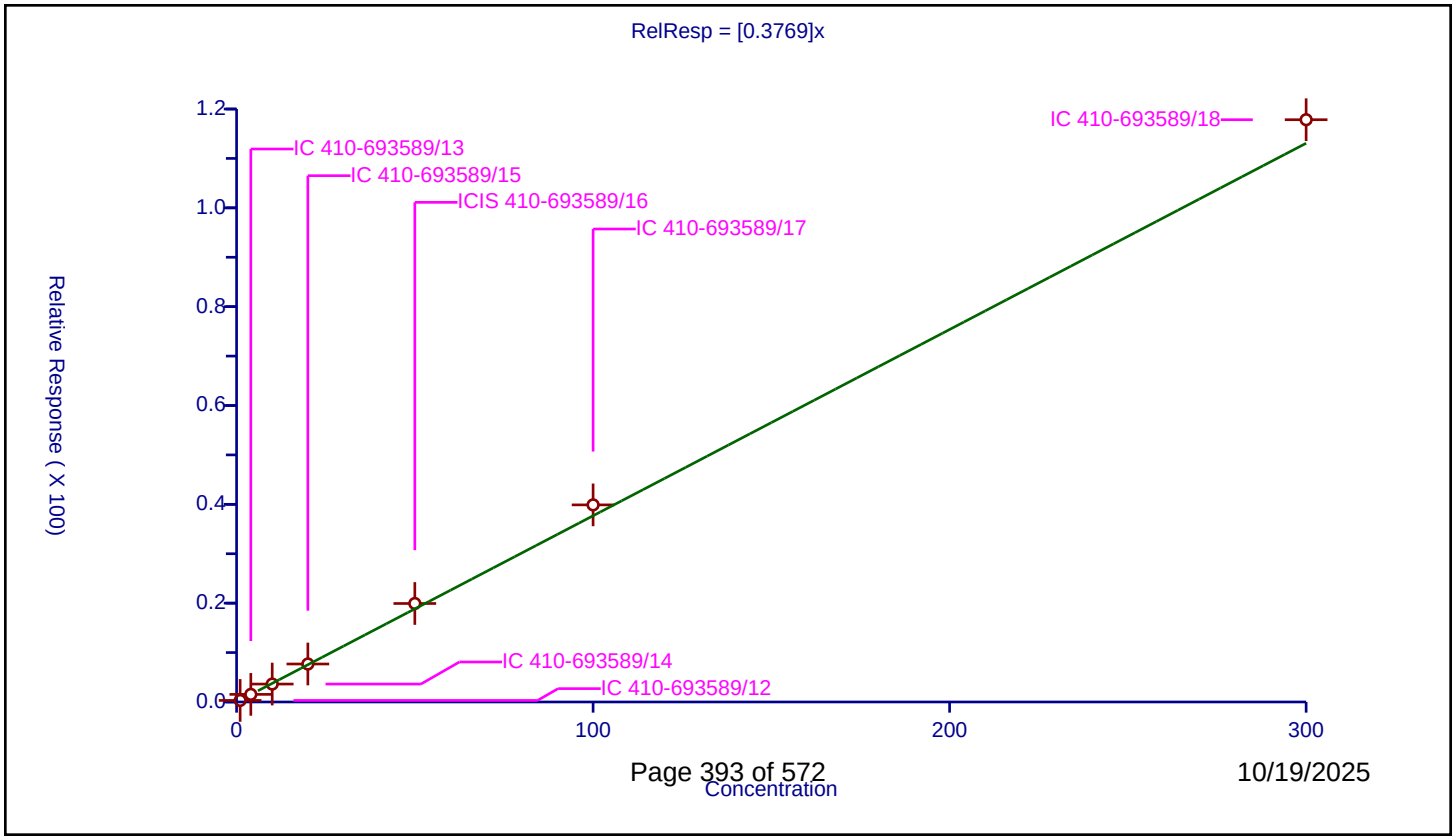
Curve Coefficients

Intercept:	0
Slope:	0.3769

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.315552	50.0	1009659.0	0.315552	Y
2	IC 410-693589/13	4.0	1.541474	50.0	1003228.0	0.385369	Y
3	IC 410-693589/14	10.0	3.627793	50.0	1000636.0	0.362779	Y
4	IC 410-693589/15	20.0	7.686027	50.0	1021991.0	0.384301	Y
5	ICIS 410-693589/16	50.0	19.930666	50.0	1019414.0	0.398613	Y
6	IC 410-693589/17	100.0	39.888942	50.0	1073671.0	0.398889	Y
7	IC 410-693589/18	300.0	117.836667	50.0	1154330.0	0.392789	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

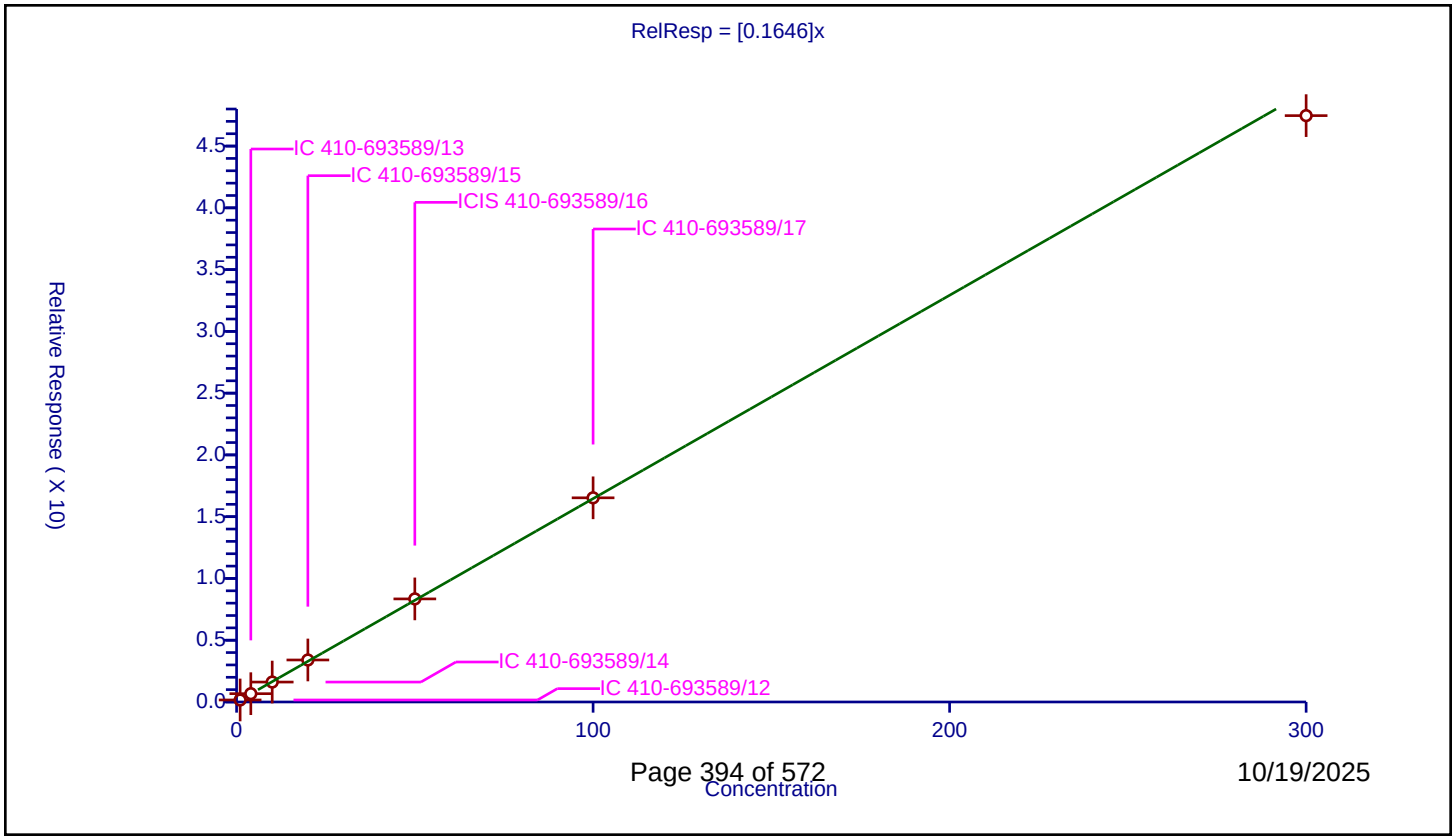
Curve Coefficients

Intercept:	0
Slope:	0.1646

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.162233	50.0	1009659.0	0.162233	Y
2	IC 410-693589/13	4.0	0.673227	50.0	1003228.0	0.168307	Y
3	IC 410-693589/14	10.0	1.614223	50.0	1000636.0	0.161422	Y
4	IC 410-693589/15	20.0	3.400128	50.0	1021991.0	0.170006	Y
5	ICIS 410-693589/16	50.0	8.344206	50.0	1019414.0	0.166884	Y
6	IC 410-693589/17	100.0	16.527316	50.0	1073671.0	0.165273	Y
7	IC 410-693589/18	300.0	47.46459	50.0	1154330.0	0.158215	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

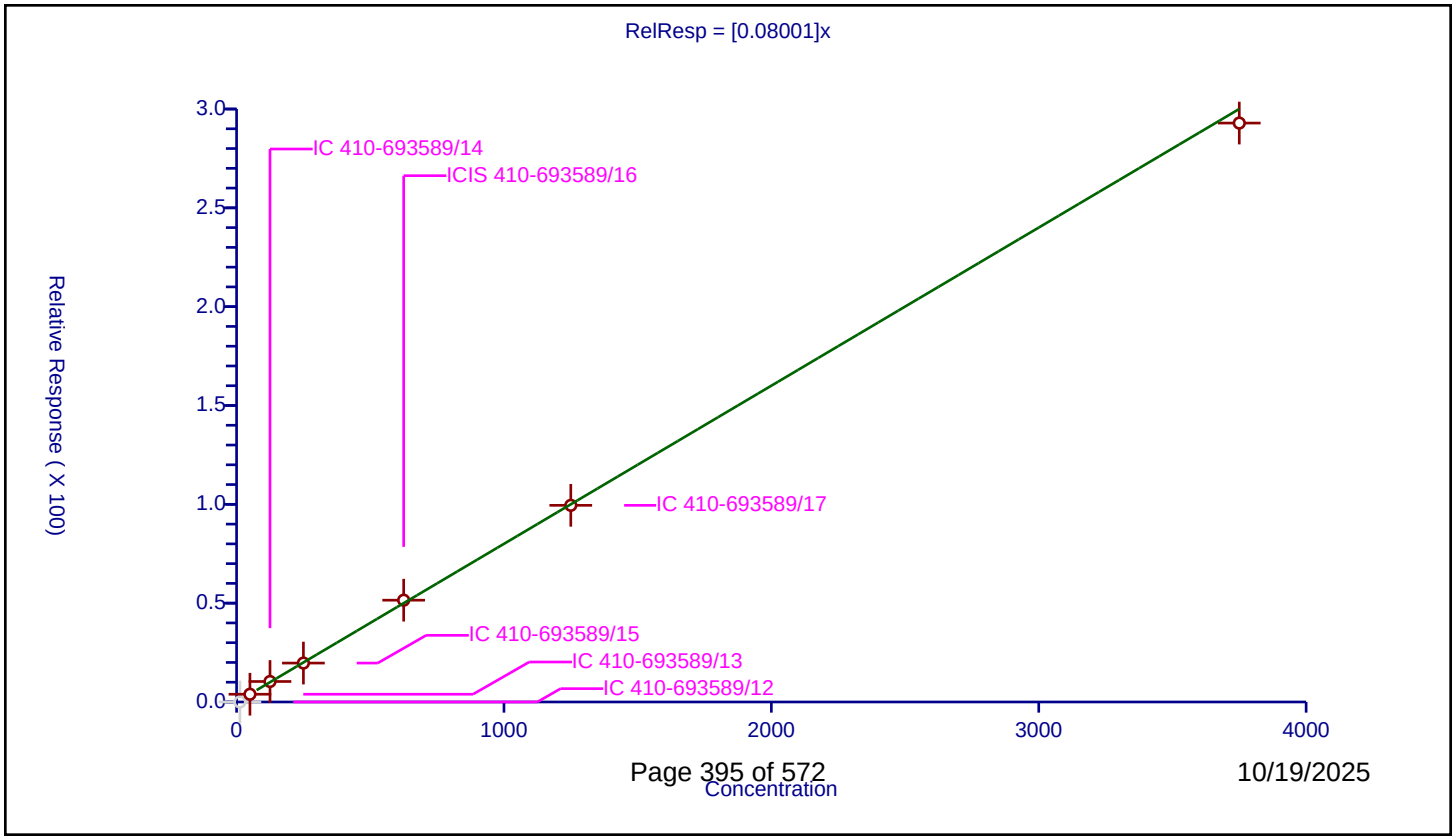
Curve Coefficients

Intercept:	0
Slope:	0.08001

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	12.5	0.0	250.0	184747.0	0.0	N
2	IC 410-693589/13	50.0	3.91477	250.0	183855.0	0.078295	Y
3	IC 410-693589/14	125.0	10.36139	250.0	186751.0	0.082891	Y
4	IC 410-693589/15	250.0	19.686927	250.0	186634.0	0.078748	Y
5	ICIS 410-693589/16	625.0	51.509723	250.0	192585.0	0.082416	Y
6	IC 410-693589/17	1250.0	99.487334	250.0	198960.0	0.07959	Y
7	IC 410-693589/18	3750.0	292.885923	250.0	218405.0	0.078103	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

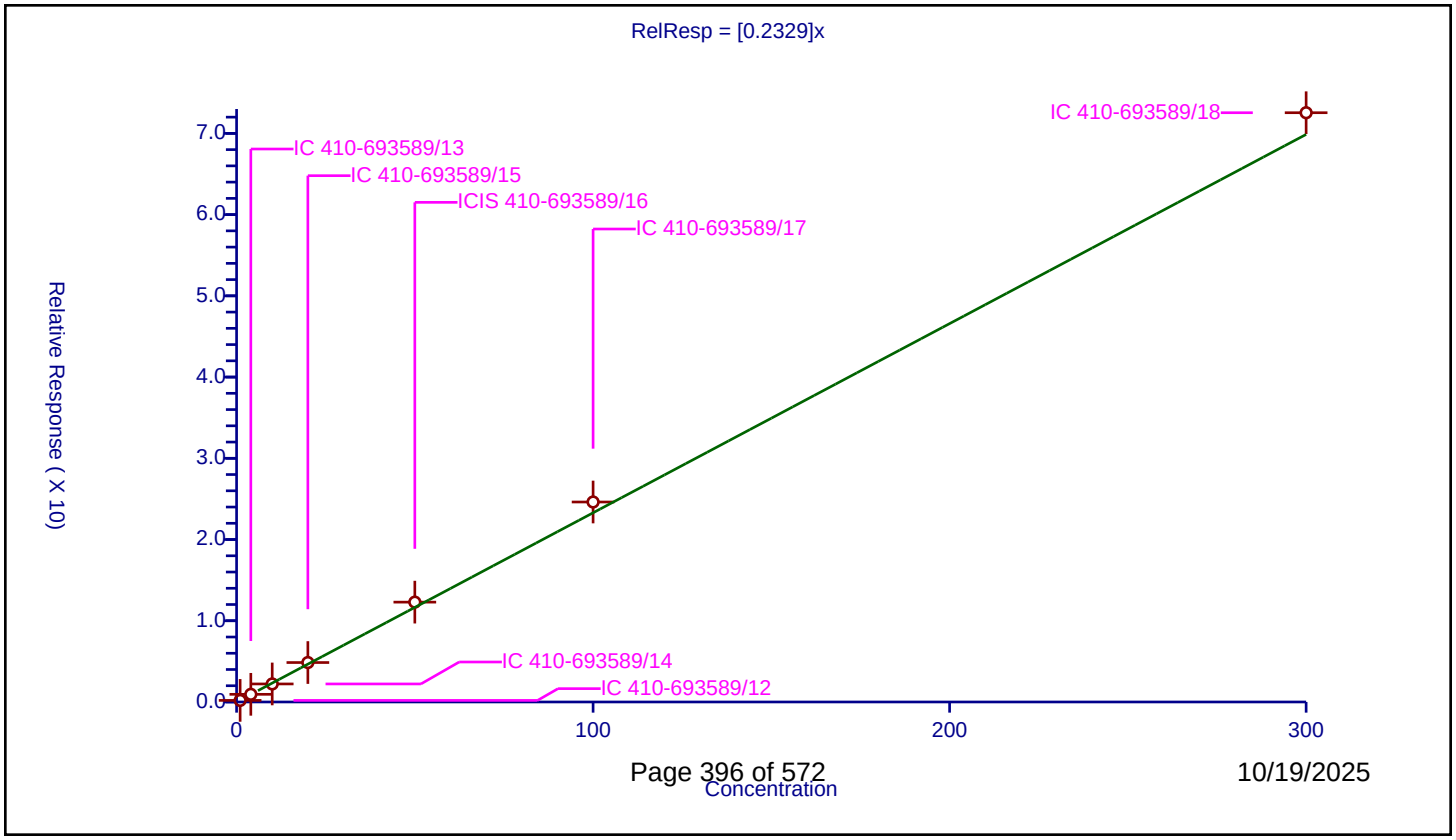
Curve Coefficients

Intercept:	0
Slope:	0.2329

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.195858	50.0	1009659.0	0.195858	Y
2	IC 410-693589/13	4.0	0.942607	50.0	1003228.0	0.235652	Y
3	IC 410-693589/14	10.0	2.221937	50.0	1000636.0	0.222194	Y
4	IC 410-693589/15	20.0	4.855571	50.0	1021991.0	0.242779	Y
5	ICIS 410-693589/16	50.0	12.292013	50.0	1019414.0	0.24584	Y
6	IC 410-693589/17	100.0	24.621509	50.0	1073671.0	0.246215	Y
7	IC 410-693589/18	300.0	72.542341	50.0	1154330.0	0.241808	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

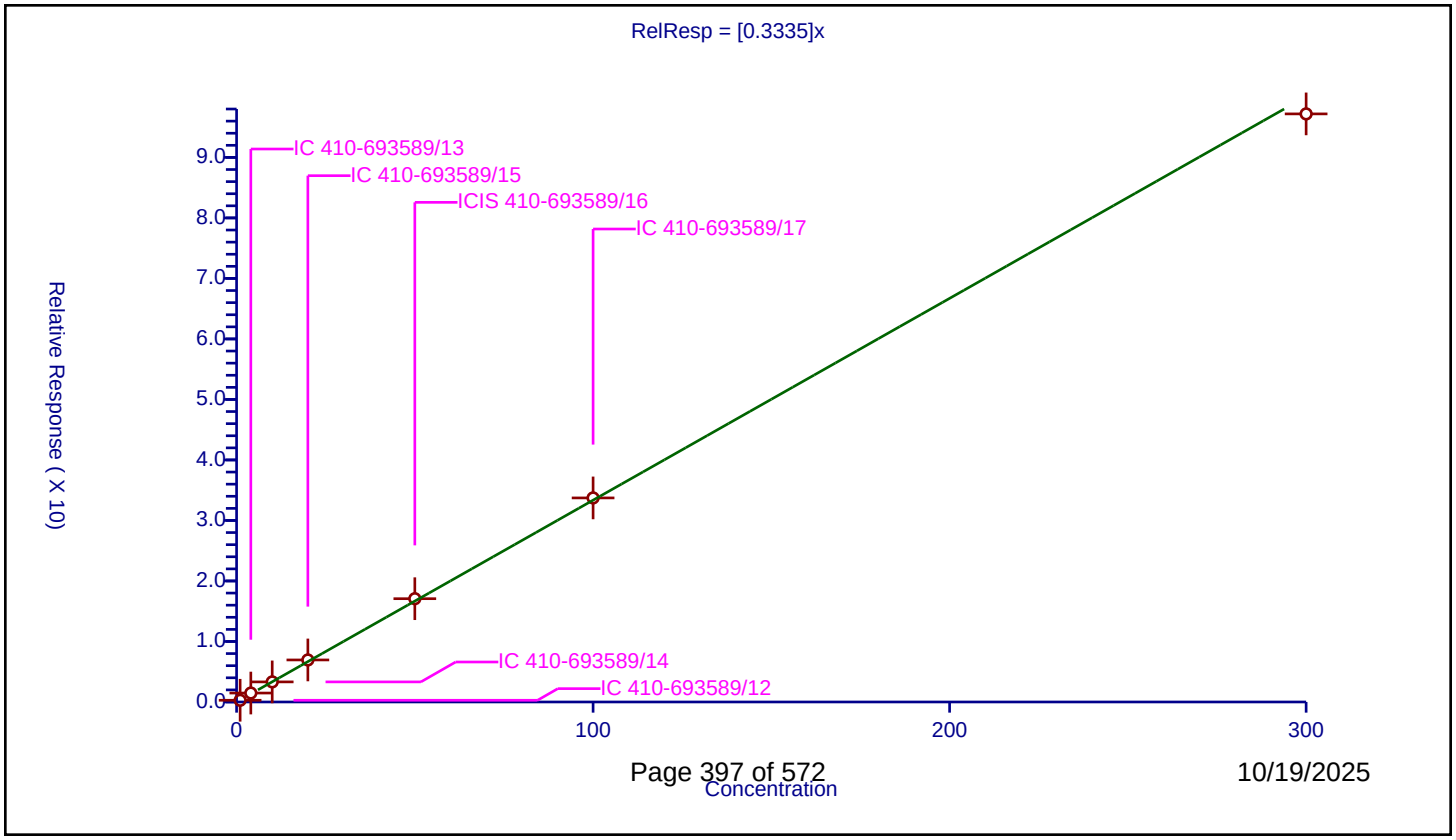
Curve Coefficients

Intercept:	0
Slope:	0.3335

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.282967	50.0	1009659.0	0.282967	Y
2	IC 410-693589/13	4.0	1.479325	50.0	1003228.0	0.369831	Y
3	IC 410-693589/14	10.0	3.318889	50.0	1000636.0	0.331889	Y
4	IC 410-693589/15	20.0	6.946734	50.0	1021991.0	0.347337	Y
5	ICIS 410-693589/16	50.0	17.070248	50.0	1019414.0	0.341405	Y
6	IC 410-693589/17	100.0	33.727464	50.0	1073671.0	0.337275	Y
7	IC 410-693589/18	300.0	97.193827	50.0	1154330.0	0.323979	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

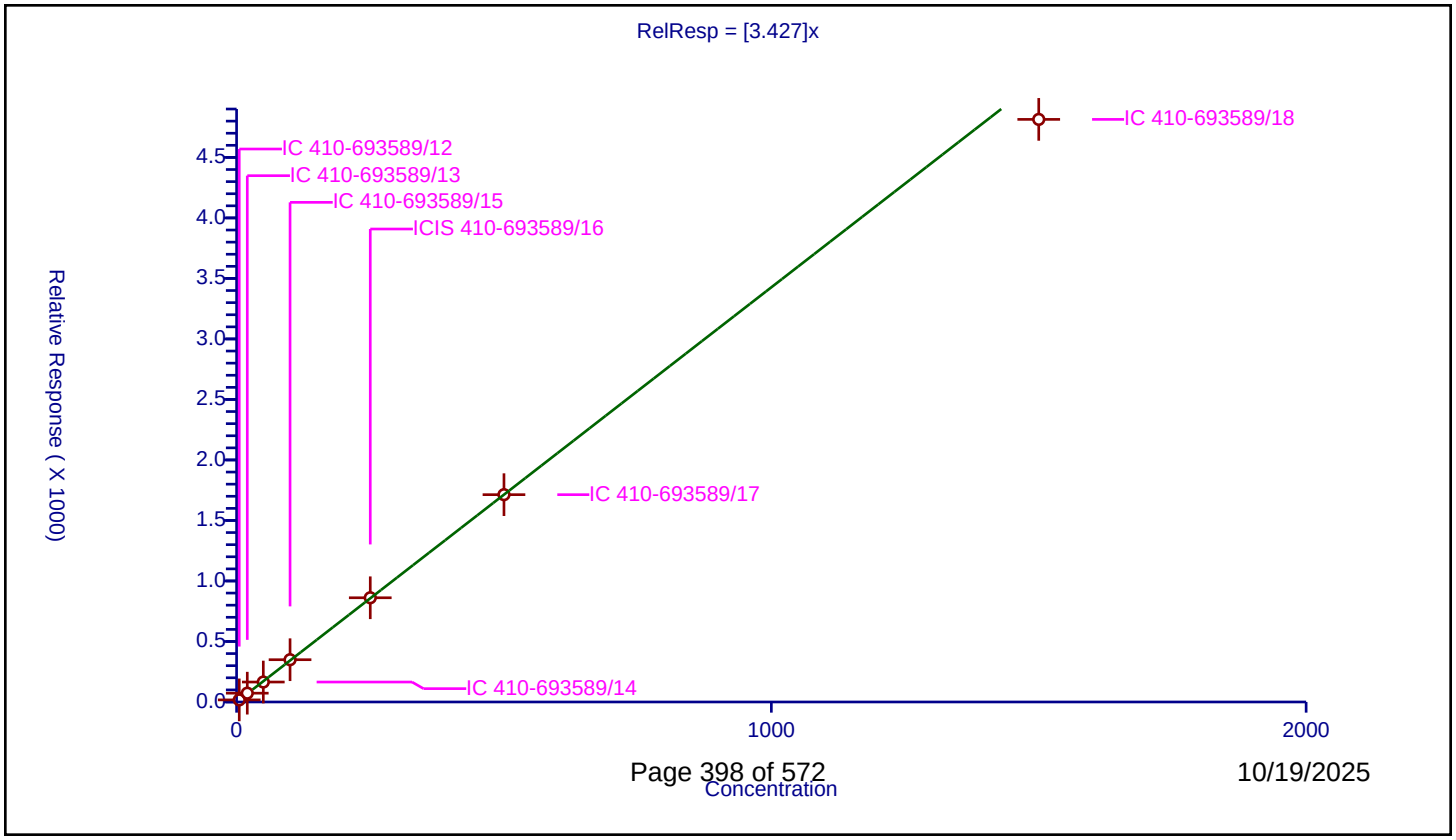
Curve Coefficients

Intercept:	0
Slope:	3.427

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	5.0	17.354815	250.0	184747.0	3.470963	Y
2	IC 410-693589/13	20.0	72.890321	250.0	183855.0	3.644516	Y
3	IC 410-693589/14	50.0	164.8532	250.0	186751.0	3.297064	Y
4	IC 410-693589/15	100.0	349.353548	250.0	186634.0	3.493535	Y
5	ICIS 410-693589/16	250.0	861.340447	250.0	192585.0	3.445362	Y
6	IC 410-693589/17	500.0	1713.160937	250.0	198960.0	3.426322	Y
7	IC 410-693589/18	1500.0	4814.168632	250.0	218405.0	3.209446	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

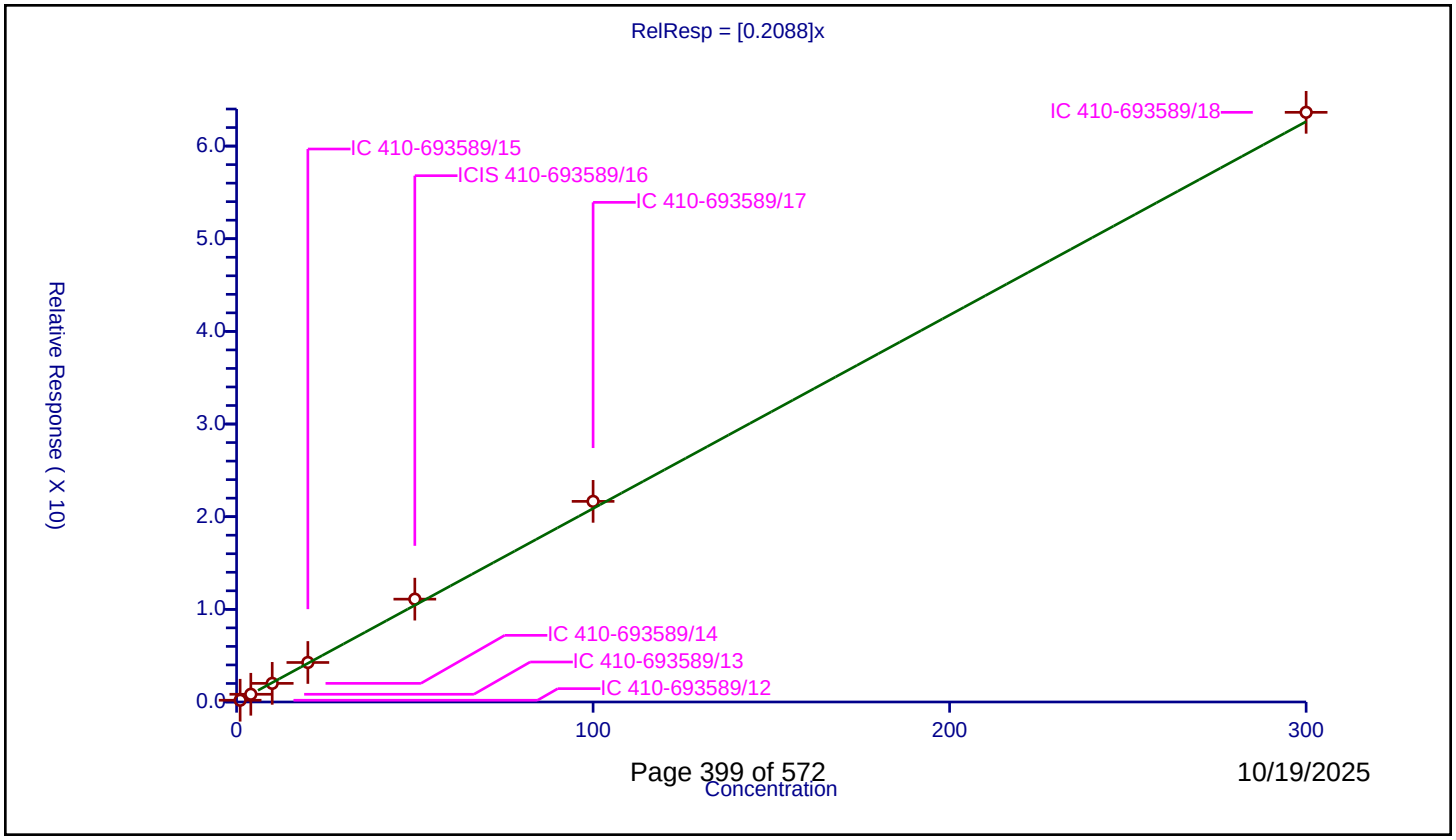
Curve Coefficients

Intercept:	0
Slope:	0.2088

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.188281	50.0	1009659.0	0.188281	Y
2	IC 410-693589/13	4.0	0.834157	50.0	1003228.0	0.208539	Y
3	IC 410-693589/14	10.0	2.010671	50.0	1000636.0	0.201067	Y
4	IC 410-693589/15	20.0	4.262953	50.0	1021991.0	0.213148	Y
5	ICIS 410-693589/16	50.0	11.099024	50.0	1019414.0	0.22198	Y
6	IC 410-693589/17	100.0	21.653374	50.0	1073671.0	0.216534	Y
7	IC 410-693589/18	300.0	63.642416	50.0	1154330.0	0.212141	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

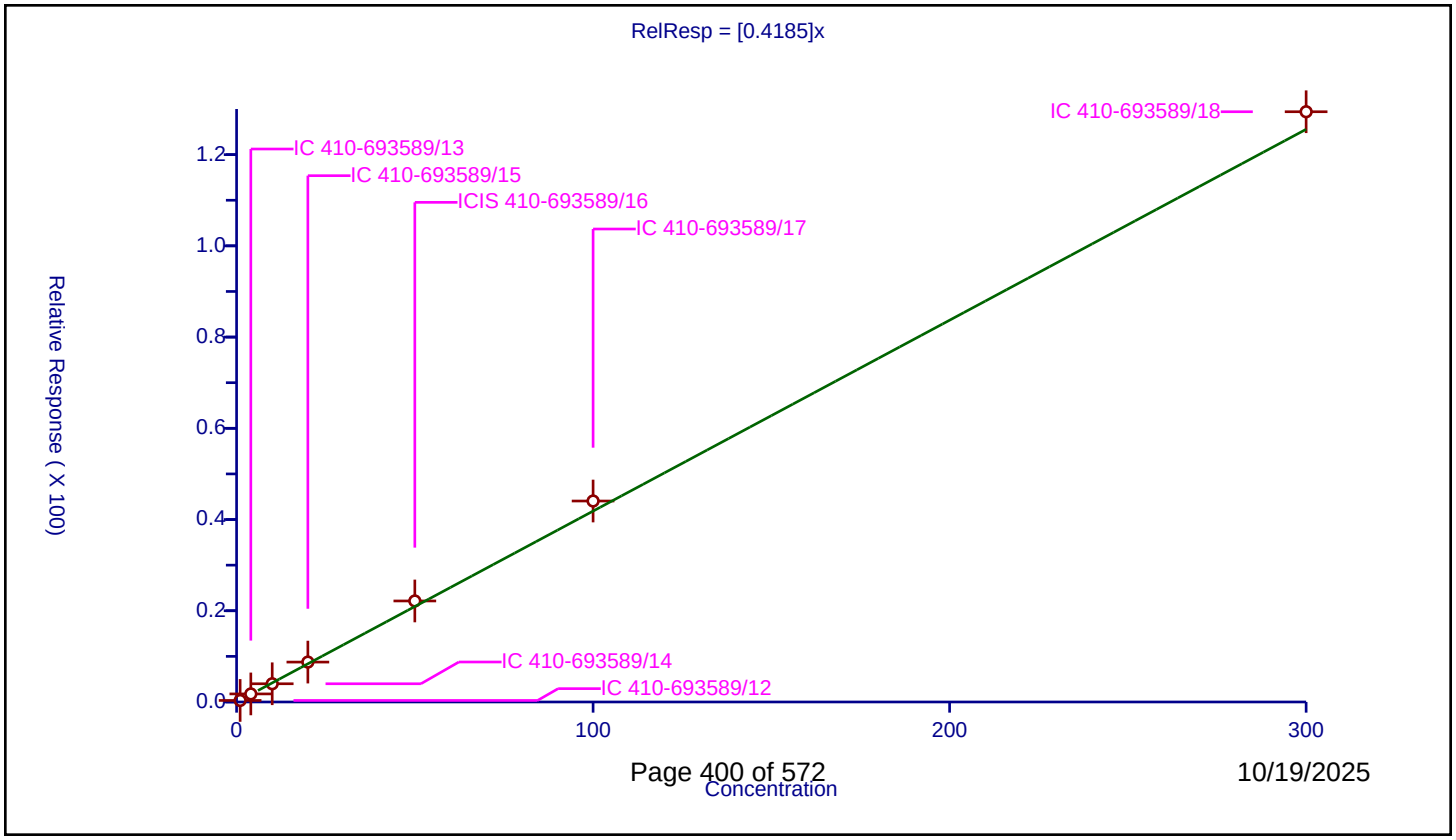
Curve Coefficients

Intercept:	0
Slope:	0.4185

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.335311	50.0	1009659.0	0.335311	Y
2	IC 410-693589/13	4.0	1.768491	50.0	1003228.0	0.442123	Y
3	IC 410-693589/14	10.0	3.997008	50.0	1000636.0	0.399701	Y
4	IC 410-693589/15	20.0	8.748805	50.0	1021991.0	0.43744	Y
5	ICIS 410-693589/16	50.0	22.147626	50.0	1019414.0	0.442953	Y
6	IC 410-693589/17	100.0	44.060518	50.0	1073671.0	0.440605	Y
7	IC 410-693589/18	300.0	129.400995	50.0	1154330.0	0.431337	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

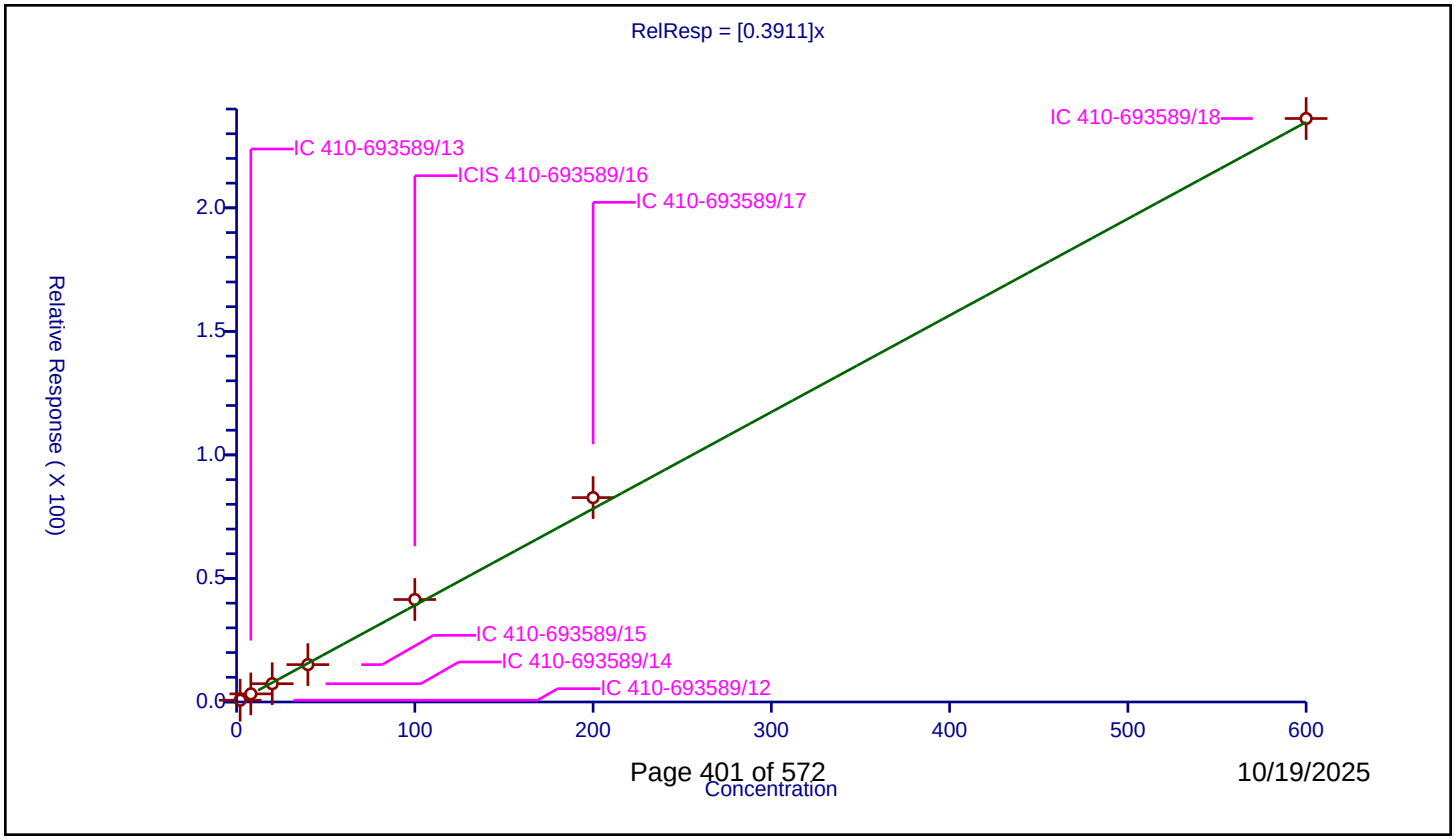
Curve Coefficients

Intercept:	0
Slope:	0.3911

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	2.0	0.714895	50.0	1009659.0	0.357447	Y
2	IC 410-693589/13	8.0	3.285195	50.0	1003228.0	0.410649	Y
3	IC 410-693589/14	20.0	7.397345	50.0	1000636.0	0.369867	Y
4	IC 410-693589/15	40.0	15.123568	50.0	1021991.0	0.378089	Y
5	ICIS 410-693589/16	100.0	41.475299	50.0	1019414.0	0.414753	Y
6	IC 410-693589/17	200.0	82.723991	50.0	1073671.0	0.41362	Y
7	IC 410-693589/18	600.0	236.153526	50.0	1154330.0	0.393589	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

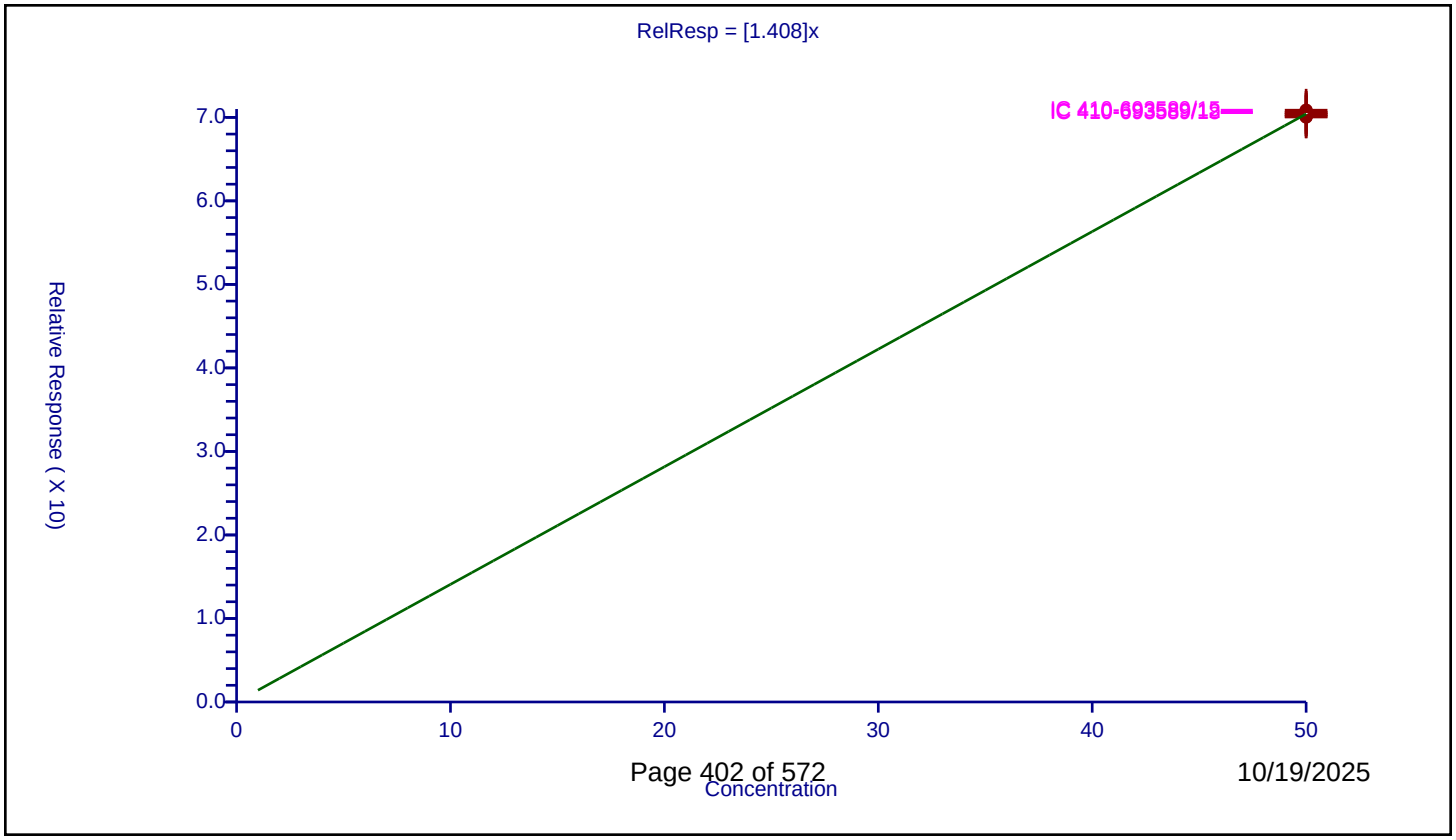
Curve Coefficients

Intercept:	0
Slope:	1.408

Error Coefficients

Relative Standard Deviation:	0.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	50.0	70.607024	50.0	734024.0	1.41214	Y
2	IC 410-693589/13	50.0	70.11957	50.0	734131.0	1.402391	Y
3	IC 410-693589/14	50.0	70.336805	50.0	737252.0	1.406736	Y
4	IC 410-693589/15	50.0	70.858265	50.0	747368.0	1.417165	Y
5	ICIS 410-693589/16	50.0	70.331824	50.0	747385.0	1.406636	Y
6	IC 410-693589/17	50.0	70.041173	50.0	780603.0	1.400823	Y
7	IC 410-693589/18	50.0	70.561018	50.0	834341.0	1.41122	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

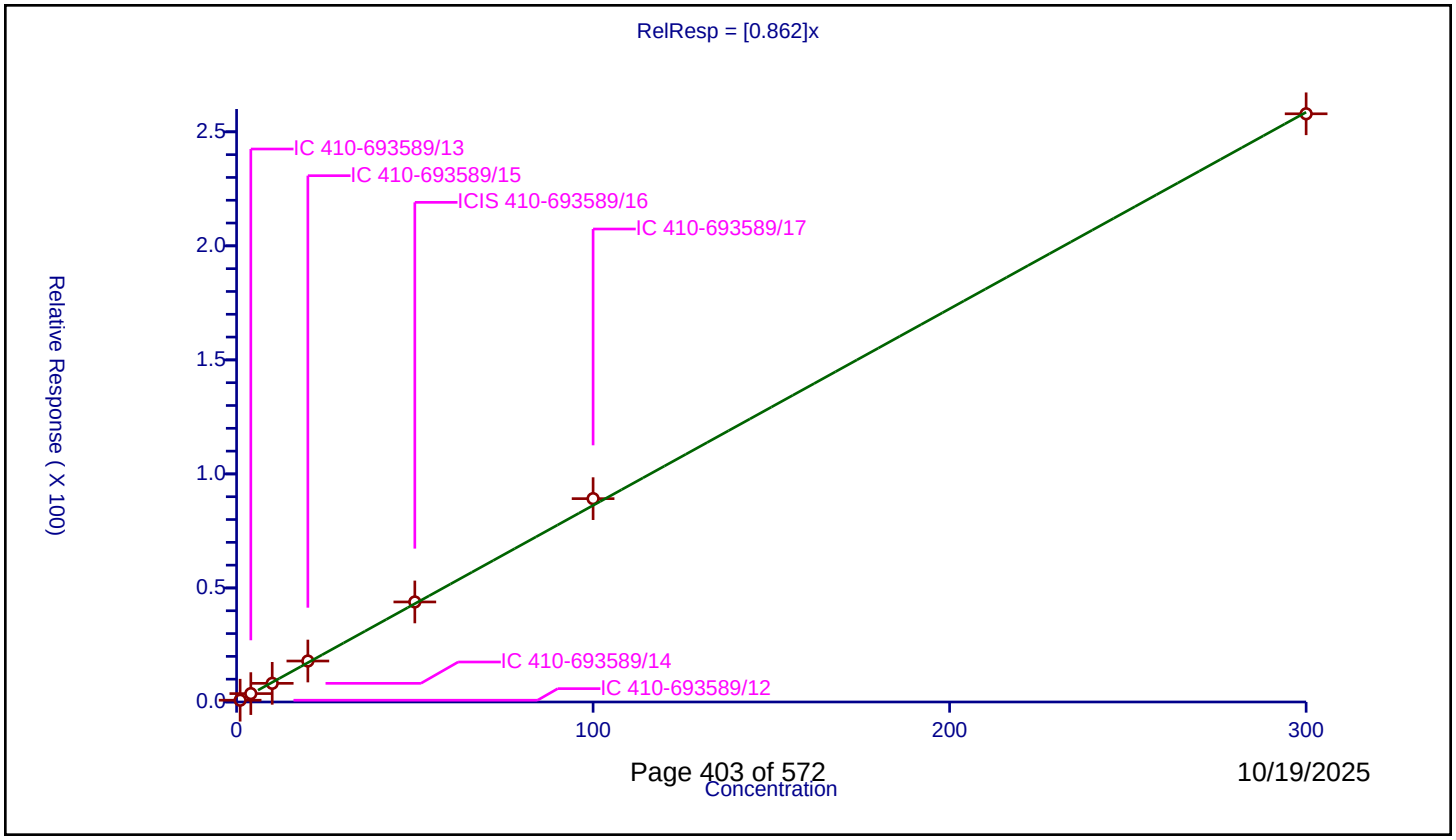
Curve Coefficients

Intercept:	0
Slope:	0.862

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.771841	50.0	734024.0	0.771841	Y
2	IC 410-693589/13	4.0	3.671892	50.0	734131.0	0.917973	Y
3	IC 410-693589/14	10.0	8.175902	50.0	737252.0	0.81759	Y
4	IC 410-693589/15	20.0	17.961031	50.0	747368.0	0.898052	Y
5	ICIS 410-693589/16	50.0	43.859724	50.0	747385.0	0.877194	Y
6	IC 410-693589/17	100.0	89.15678	50.0	780603.0	0.891568	Y
7	IC 410-693589/18	300.0	257.90588	50.0	834341.0	0.859686	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

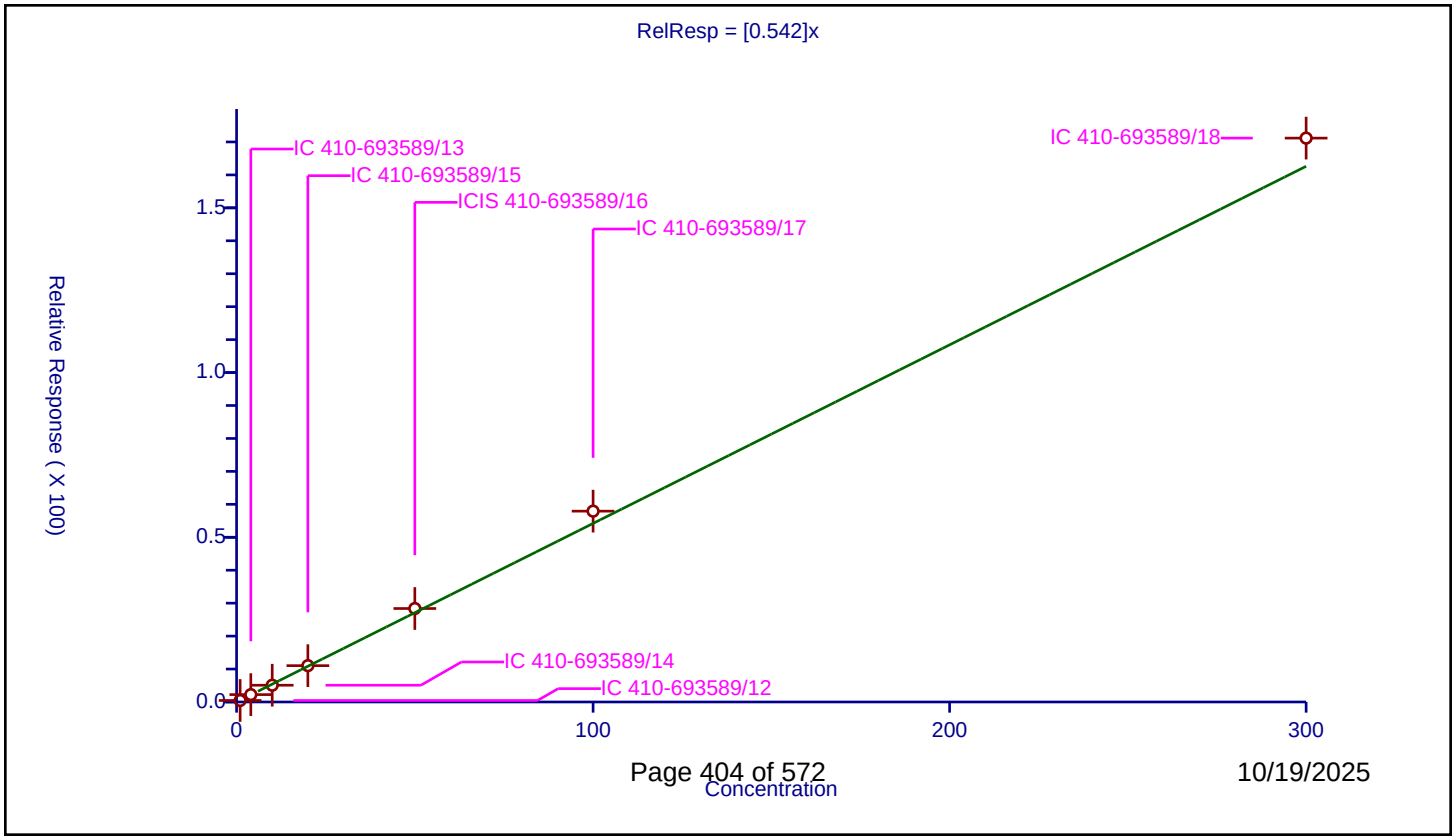
Curve Coefficients

Intercept:	0
Slope:	0.542

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.456116	50.0	734024.0	0.456116	Y
2	IC 410-693589/13	4.0	2.242039	50.0	734131.0	0.56051	Y
3	IC 410-693589/14	10.0	5.09039	50.0	737252.0	0.509039	Y
4	IC 410-693589/15	20.0	11.025894	50.0	747368.0	0.551295	Y
5	ICIS 410-693589/16	50.0	28.376473	50.0	747385.0	0.567529	Y
6	IC 410-693589/17	100.0	57.927013	50.0	780603.0	0.57927	Y
7	IC 410-693589/18	300.0	171.172398	50.0	834341.0	0.570575	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

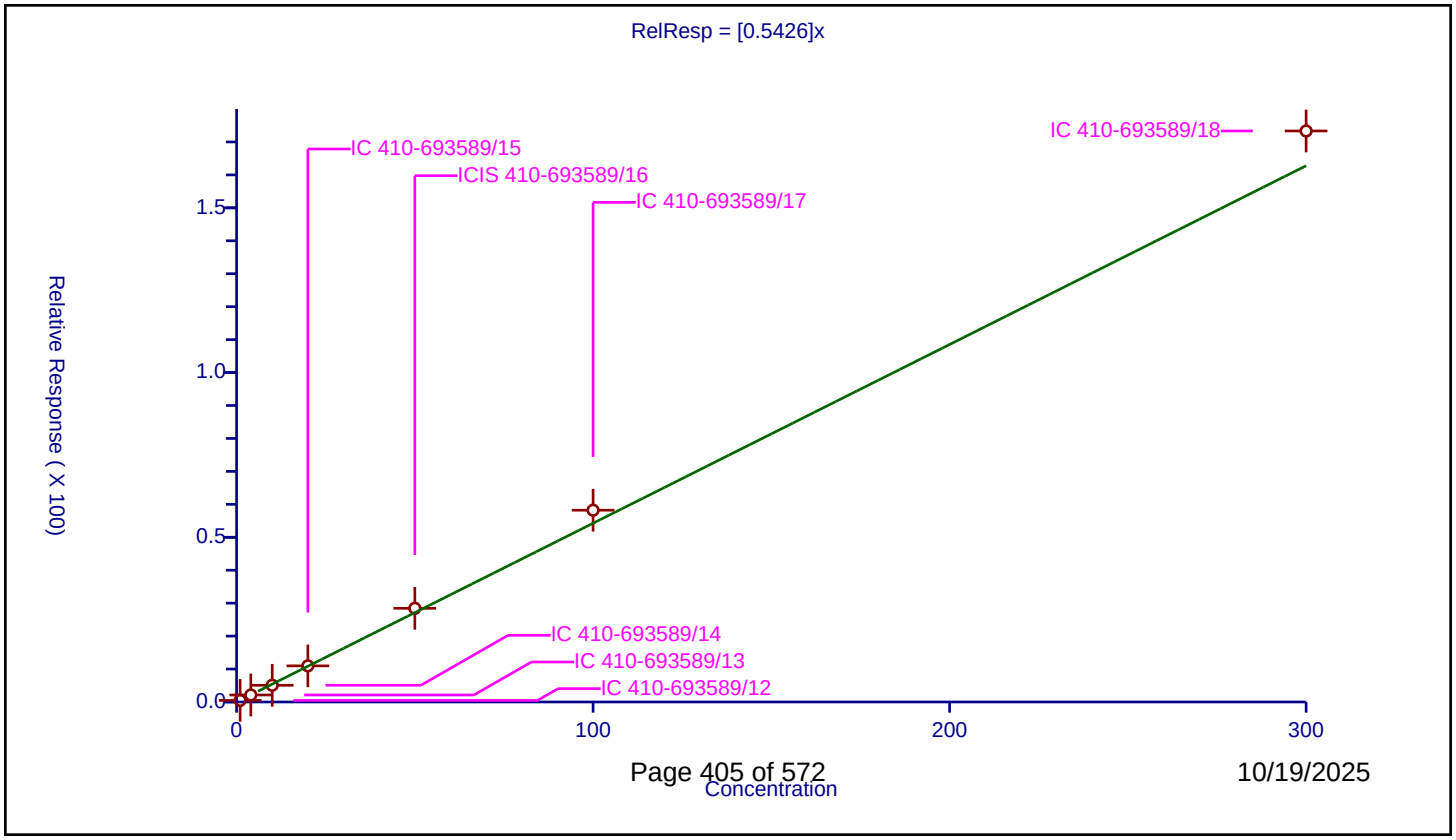
Curve Coefficients

Intercept:	0
Slope:	0.5426

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.483295	50.0	734024.0	0.483295	Y
2	IC 410-693589/13	4.0	2.12285	50.0	734131.0	0.530713	Y
3	IC 410-693589/14	10.0	5.072553	50.0	737252.0	0.507255	Y
4	IC 410-693589/15	20.0	10.966552	50.0	747368.0	0.548328	Y
5	ICIS 410-693589/16	50.0	28.437352	50.0	747385.0	0.568747	Y
6	IC 410-693589/17	100.0	58.210576	50.0	780603.0	0.582106	Y
7	IC 410-693589/18	300.0	173.337161	50.0	834341.0	0.577791	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

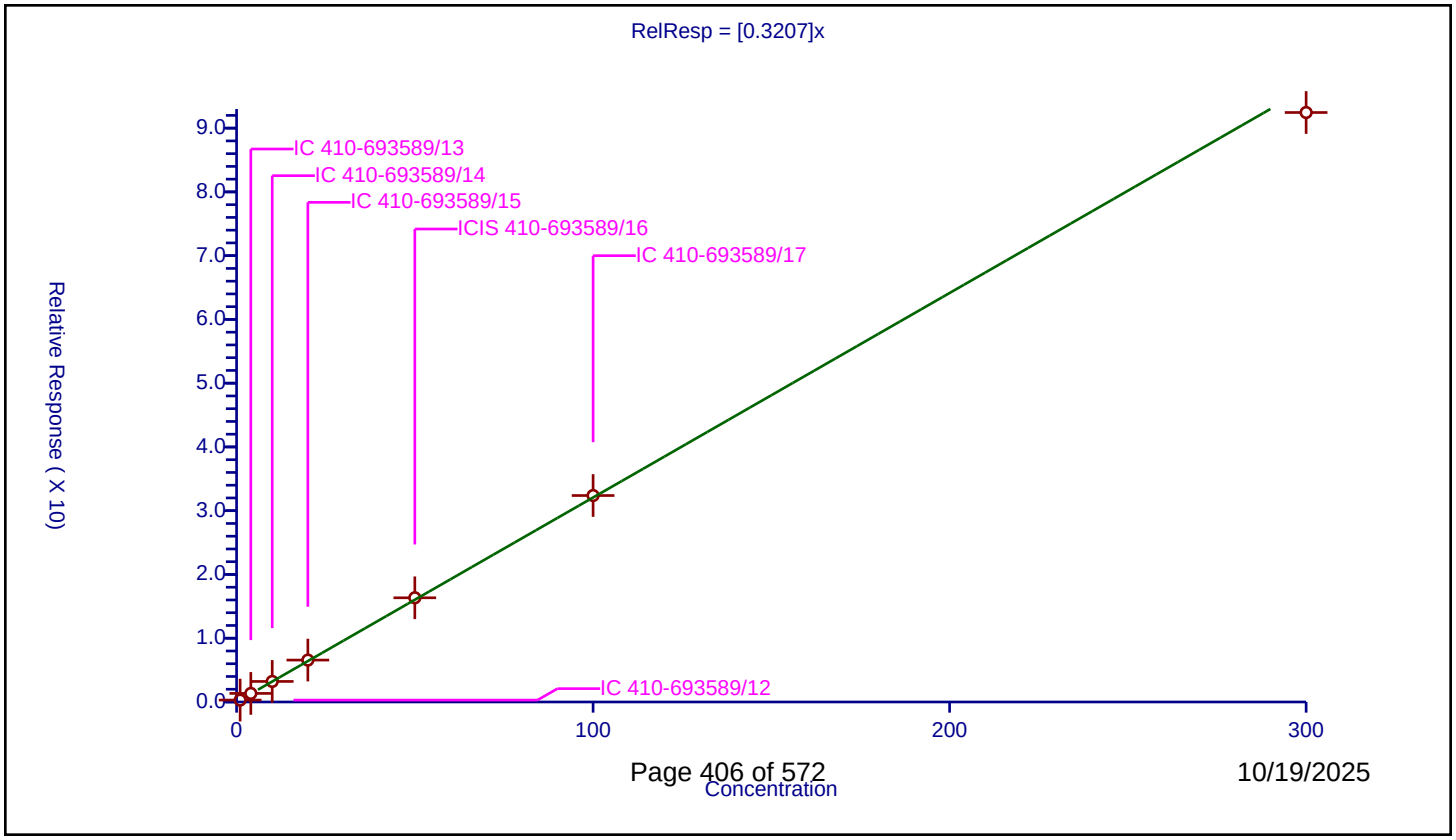
Curve Coefficients

Intercept:	0
Slope:	0.3207

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.299581	50.0	734024.0	0.299581	Y
2	IC 410-693589/13	4.0	1.342812	50.0	734131.0	0.335703	Y
3	IC 410-693589/14	10.0	3.221626	50.0	737252.0	0.322163	Y
4	IC 410-693589/15	20.0	6.574138	50.0	747368.0	0.328707	Y
5	ICIS 410-693589/16	50.0	16.342247	50.0	747385.0	0.326845	Y
6	IC 410-693589/17	100.0	32.379519	50.0	780603.0	0.323795	Y
7	IC 410-693589/18	300.0	92.453505	50.0	834341.0	0.308178	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

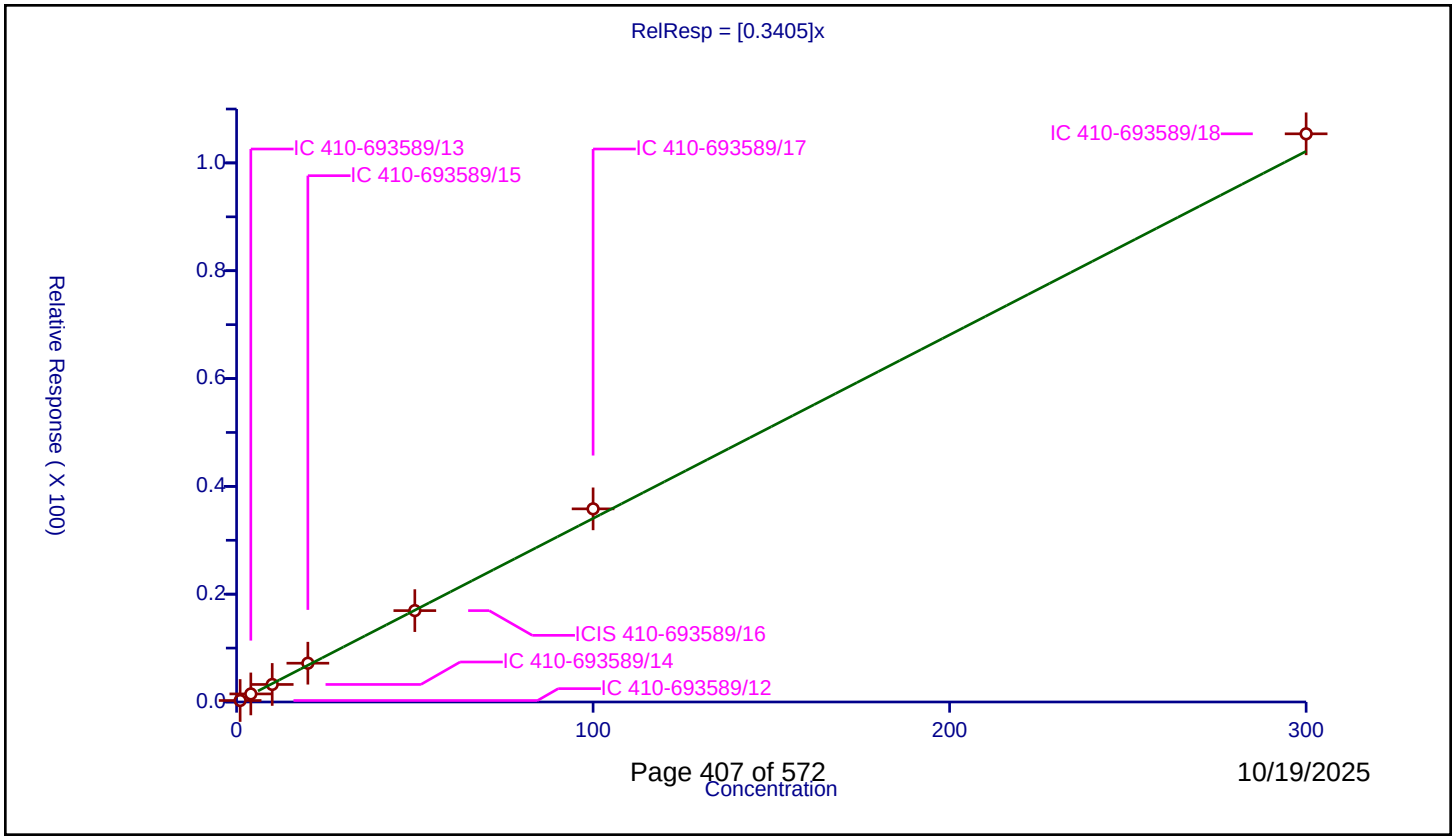
Curve Coefficients

Intercept:	0
Slope:	0.3405

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.276217	50.0	734024.0	0.276217	Y
2	IC 410-693589/13	4.0	1.494965	50.0	734131.0	0.373741	Y
3	IC 410-693589/14	10.0	3.252484	50.0	737252.0	0.325248	Y
4	IC 410-693589/15	20.0	7.196722	50.0	747368.0	0.359836	Y
5	ICIS 410-693589/16	50.0	16.952708	50.0	747385.0	0.339054	Y
6	IC 410-693589/17	100.0	35.824869	50.0	780603.0	0.358249	Y
7	IC 410-693589/18	300.0	105.398992	50.0	834341.0	0.35133	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

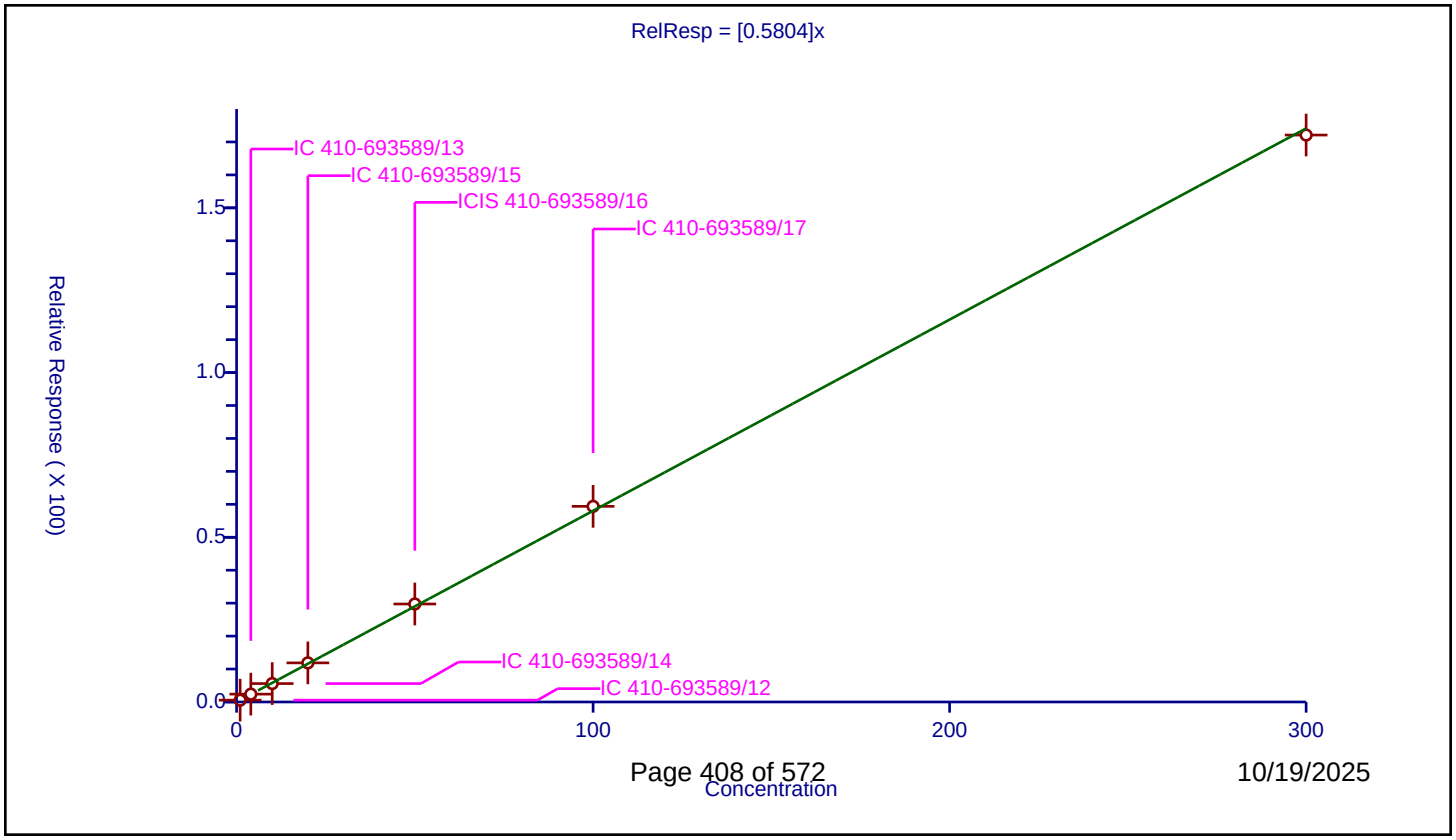
Curve Coefficients

Intercept:	0
Slope:	0.5804

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.551208	50.0	734024.0	0.551208	Y
2	IC 410-693589/13	4.0	2.384179	50.0	734131.0	0.596045	Y
3	IC 410-693589/14	10.0	5.592118	50.0	737252.0	0.559212	Y
4	IC 410-693589/15	20.0	11.873468	50.0	747368.0	0.593673	Y
5	ICIS 410-693589/16	50.0	29.745312	50.0	747385.0	0.594906	Y
6	IC 410-693589/17	100.0	59.387807	50.0	780603.0	0.593878	Y
7	IC 410-693589/18	300.0	172.098818	50.0	834341.0	0.573663	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

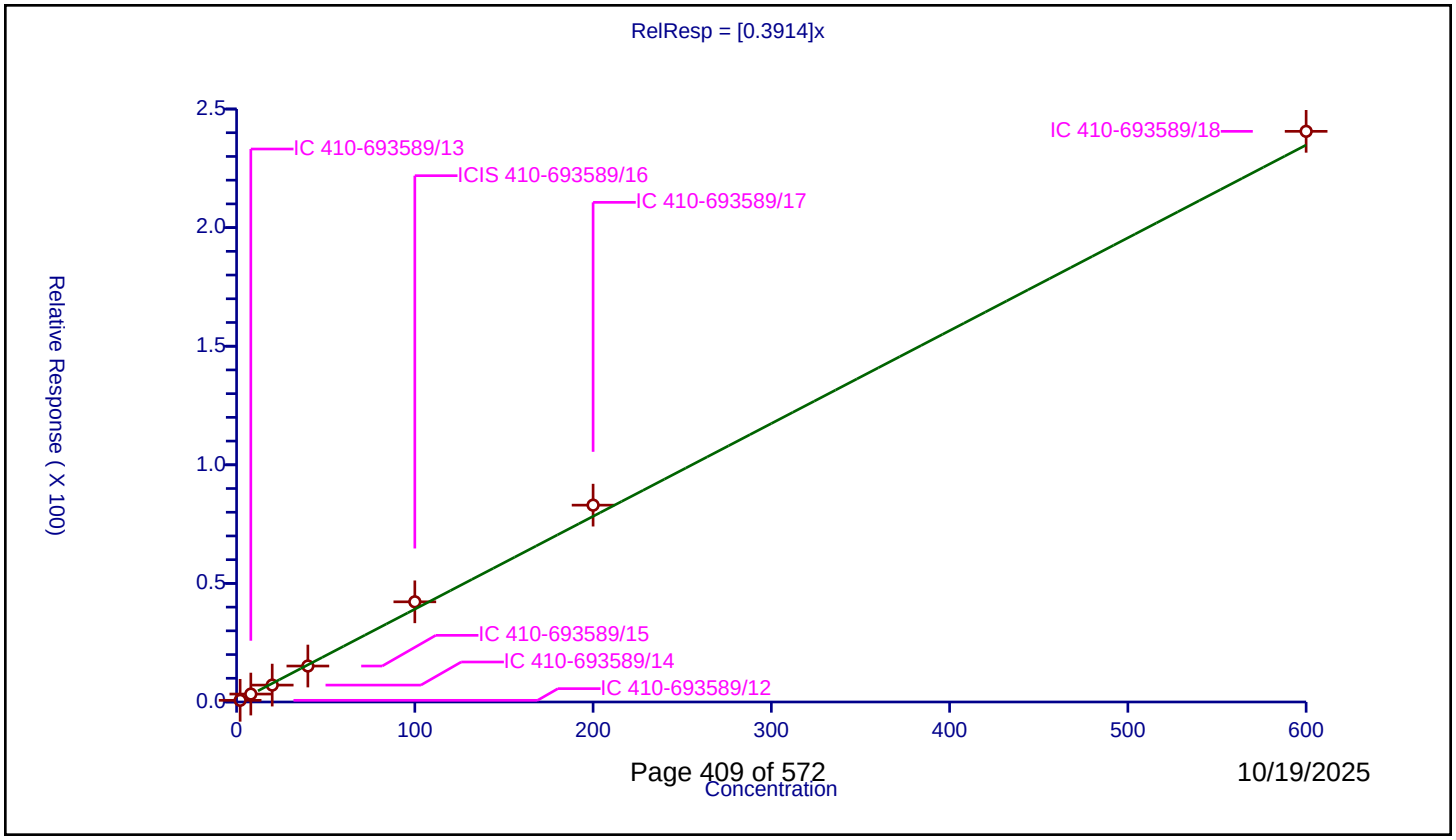
Curve Coefficients

Intercept:	0
Slope:	0.3914

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	2.0	0.697389	50.0	734024.0	0.348694	Y
2	IC 410-693589/13	8.0	3.33939	50.0	734131.0	0.417424	Y
3	IC 410-693589/14	20.0	7.123548	50.0	737252.0	0.356177	Y
4	IC 410-693589/15	40.0	15.160001	50.0	747368.0	0.379	Y
5	ICIS 410-693589/16	100.0	42.237736	50.0	747385.0	0.422377	Y
6	IC 410-693589/17	200.0	82.991802	50.0	780603.0	0.414959	Y
7	IC 410-693589/18	600.0	240.592755	50.0	834341.0	0.400988	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

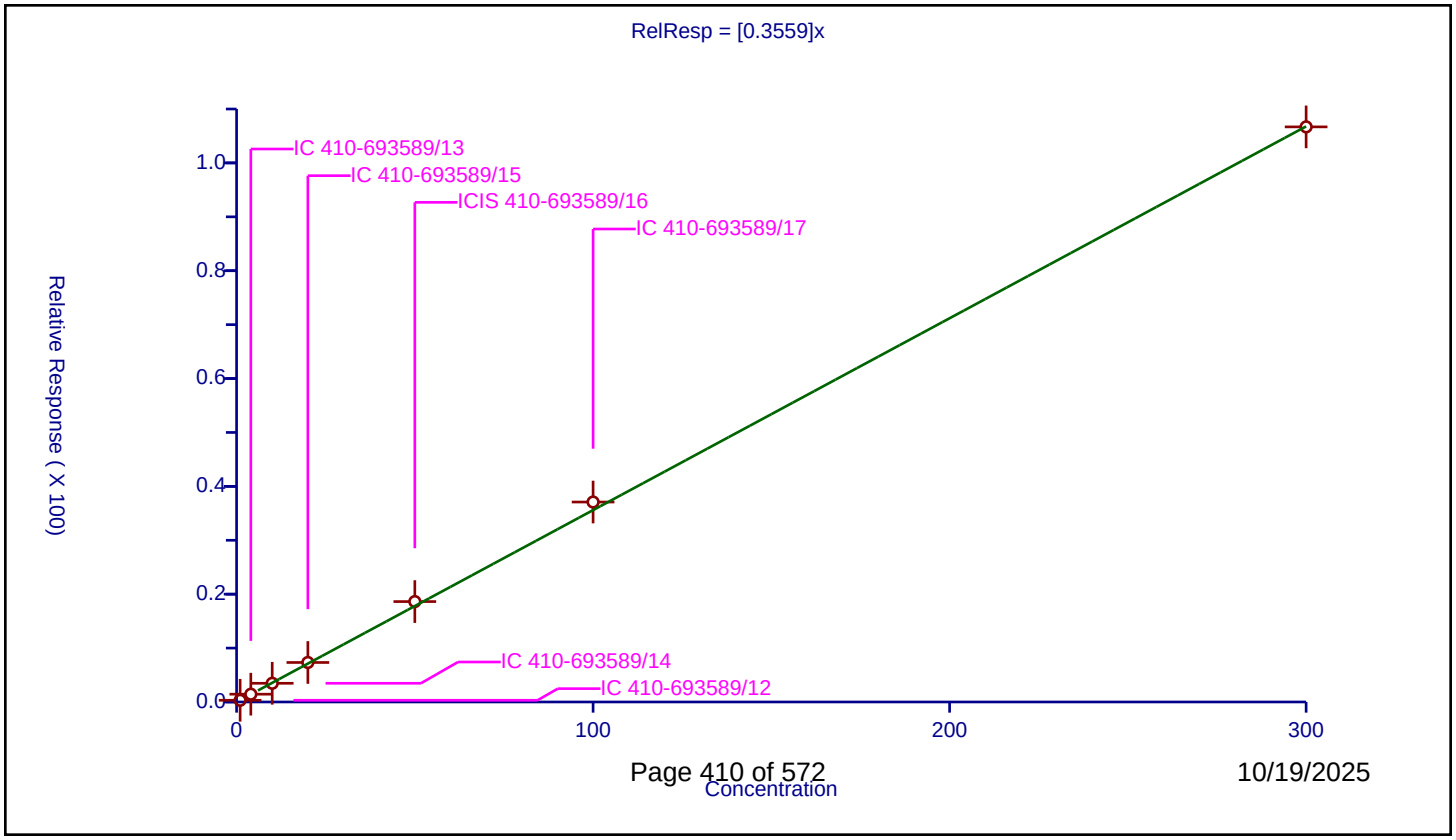
Curve Coefficients

Intercept:	0
Slope:	0.3559

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.317496	50.0	734024.0	0.317496	Y
2	IC 410-693589/13	4.0	1.44654	50.0	734131.0	0.361635	Y
3	IC 410-693589/14	10.0	3.468217	50.0	737252.0	0.346822	Y
4	IC 410-693589/15	20.0	7.327582	50.0	747368.0	0.366379	Y
5	ICIS 410-693589/16	50.0	18.628418	50.0	747385.0	0.372568	Y
6	IC 410-693589/17	100.0	37.093375	50.0	780603.0	0.370934	Y
7	IC 410-693589/18	300.0	106.687553	50.0	834341.0	0.355625	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

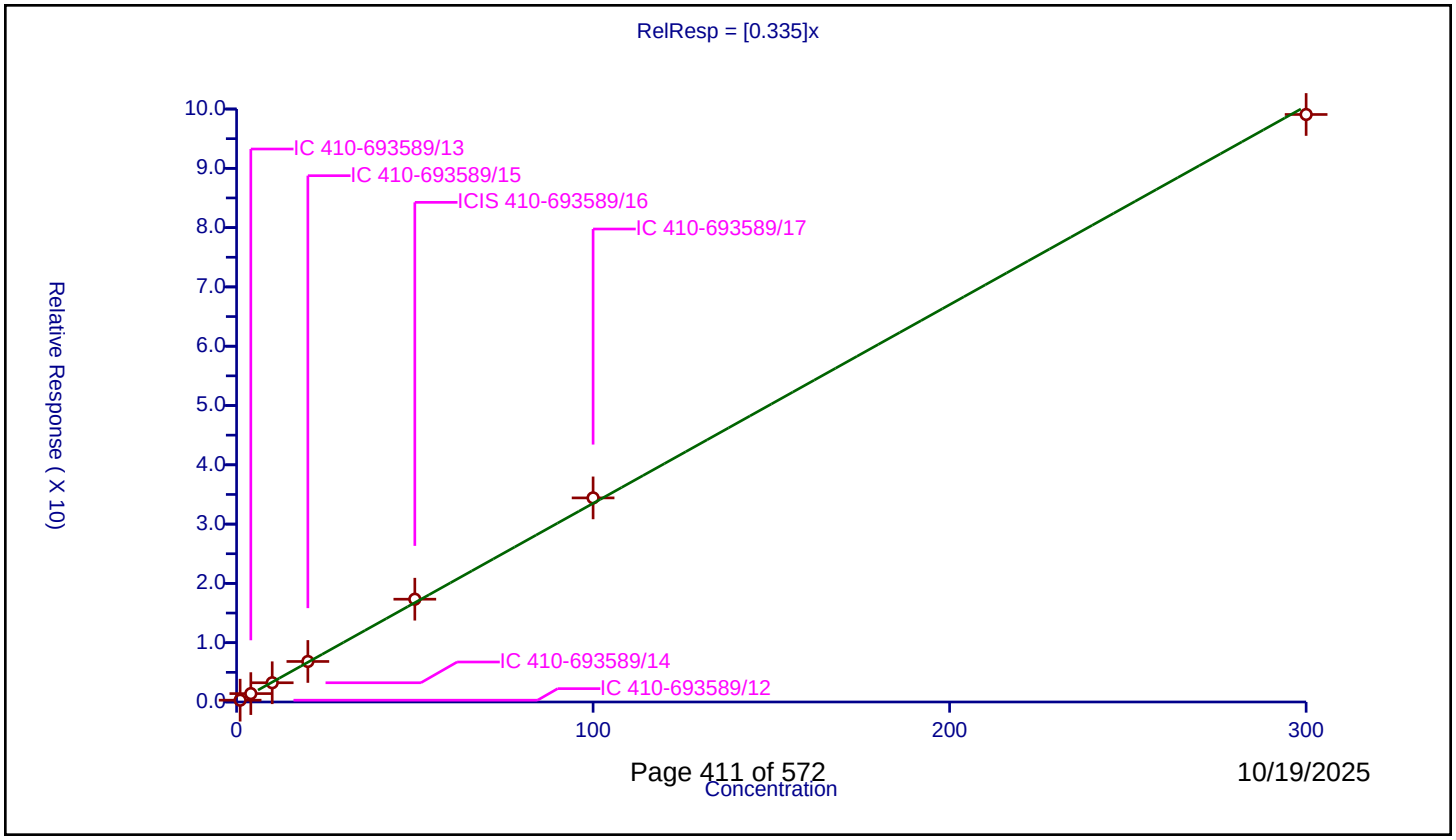
Curve Coefficients

Intercept:	0
Slope:	0.335

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.304486	50.0	734024.0	0.304486	Y
2	IC 410-693589/13	4.0	1.413031	50.0	734131.0	0.353258	Y
3	IC 410-693589/14	10.0	3.244616	50.0	737252.0	0.324462	Y
4	IC 410-693589/15	20.0	6.831708	50.0	747368.0	0.341585	Y
5	ICIS 410-693589/16	50.0	17.333235	50.0	747385.0	0.346665	Y
6	IC 410-693589/17	100.0	34.417431	50.0	780603.0	0.344174	Y
7	IC 410-693589/18	300.0	99.079273	50.0	834341.0	0.330264	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

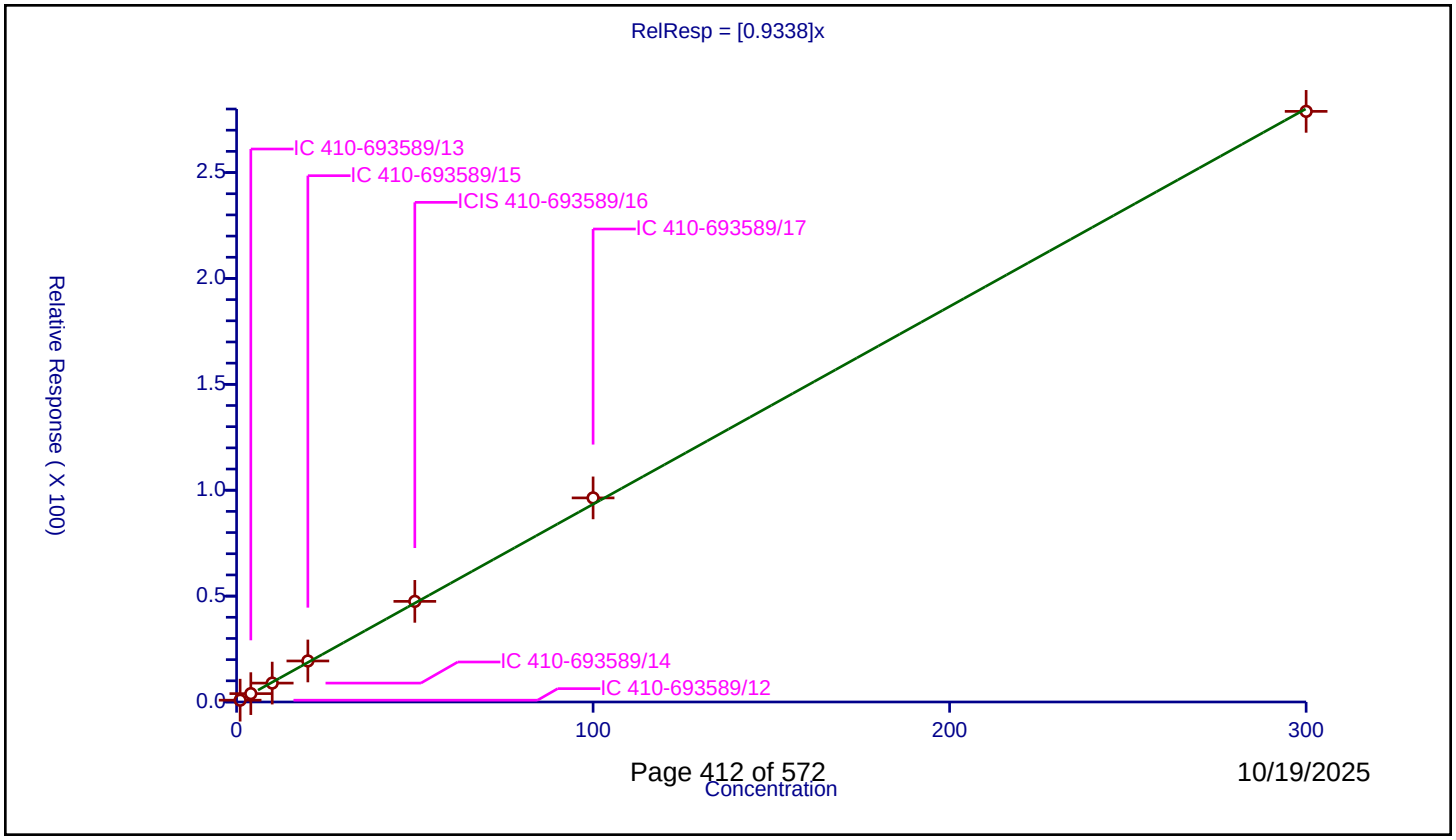
Curve Coefficients

Intercept:	0
Slope:	0.9338

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.844727	50.0	734024.0	0.844727	Y
2	IC 410-693589/13	4.0	3.948274	50.0	734131.0	0.987068	Y
3	IC 410-693589/14	10.0	8.921441	50.0	737252.0	0.892144	Y
4	IC 410-693589/15	20.0	19.376933	50.0	747368.0	0.968847	Y
5	ICIS 410-693589/16	50.0	47.519016	50.0	747385.0	0.95038	Y
6	IC 410-693589/17	100.0	96.373701	50.0	780603.0	0.963737	Y
7	IC 410-693589/18	300.0	278.891065	50.0	834341.0	0.929637	Y



Calibration / 1-Chlorohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

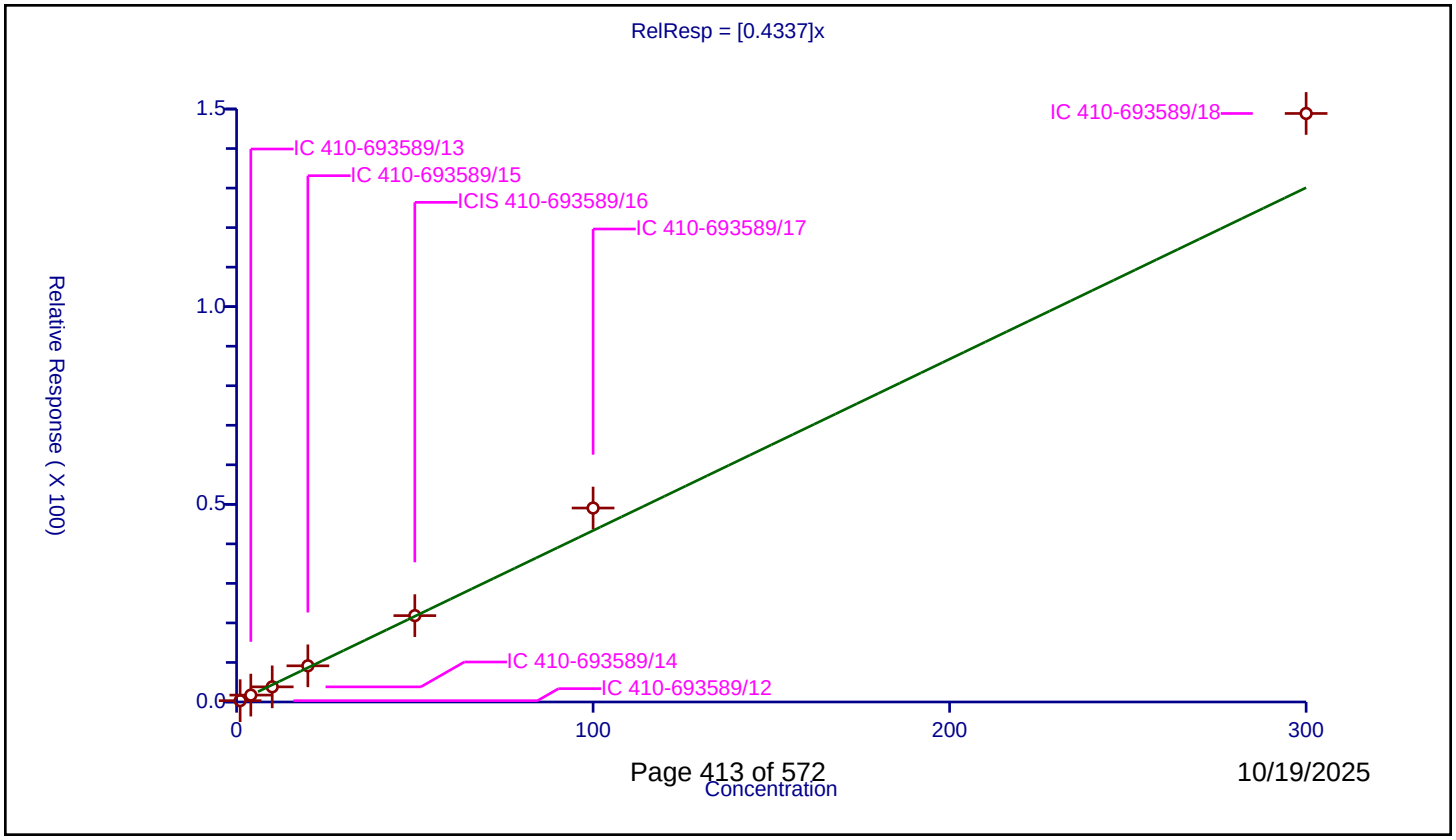
Curve Coefficients

Intercept:	0
Slope:	0.4337

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.335752	50.0	734024.0	0.335752	Y
2	IC 410-693589/13	4.0	1.74383	50.0	734131.0	0.435958	Y
3	IC 410-693589/14	10.0	3.826236	50.0	737252.0	0.382624	Y
4	IC 410-693589/15	20.0	9.151583	50.0	747368.0	0.457579	Y
5	ICIS 410-693589/16	50.0	21.843227	50.0	747385.0	0.436865	Y
6	IC 410-693589/17	100.0	49.063737	50.0	780603.0	0.490637	Y
7	IC 410-693589/18	300.0	148.874621	50.0	834341.0	0.496249	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

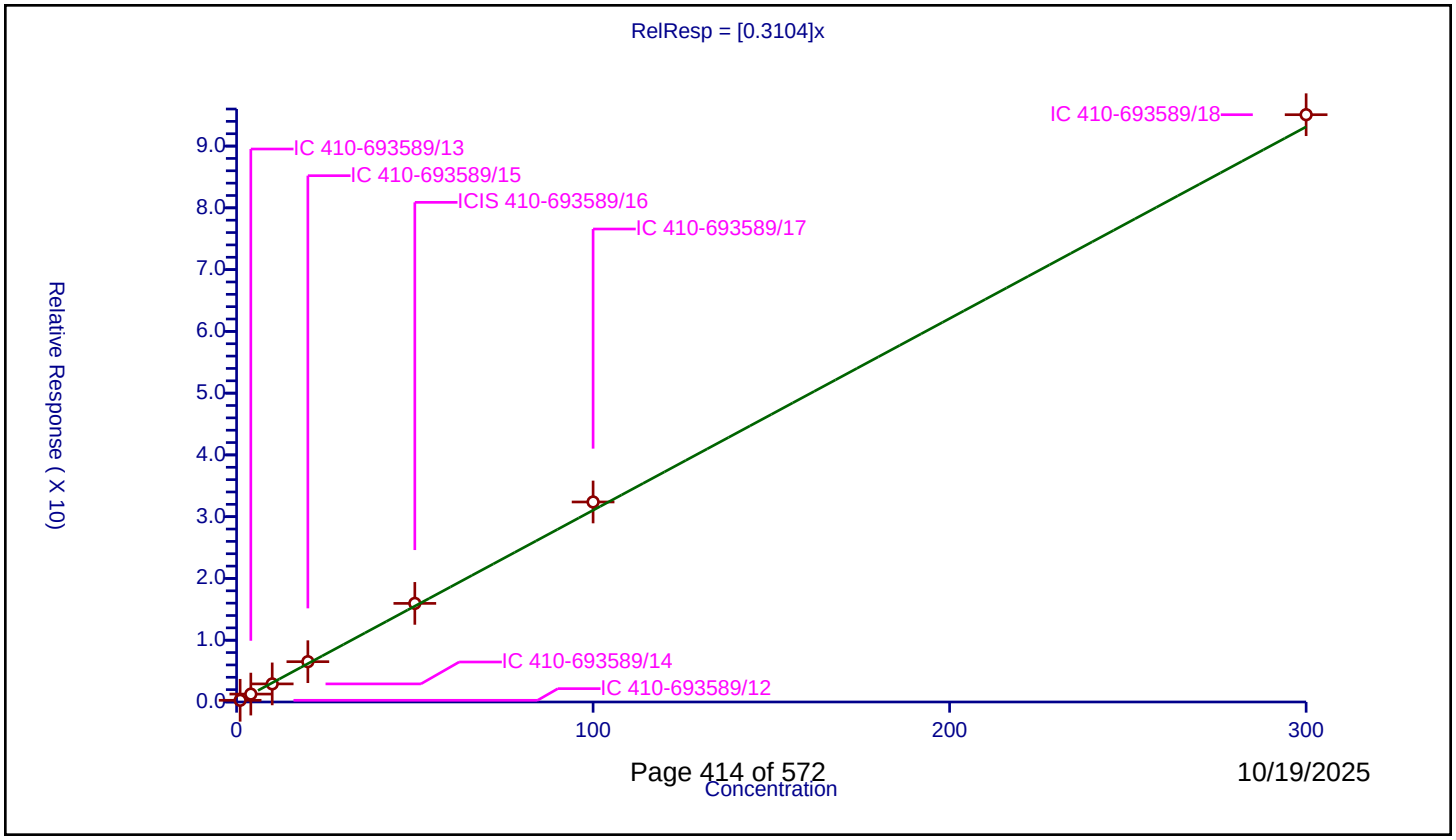
Curve Coefficients

Intercept:	0
Slope:	0.3104

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.273765	50.0	734024.0	0.273765	Y
2	IC 410-693589/13	4.0	1.27954	50.0	734131.0	0.319885	Y
3	IC 410-693589/14	10.0	2.927222	50.0	737252.0	0.292722	Y
4	IC 410-693589/15	20.0	6.527574	50.0	747368.0	0.326379	Y
5	ICIS 410-693589/16	50.0	15.964128	50.0	747385.0	0.319283	Y
6	IC 410-693589/17	100.0	32.381889	50.0	780603.0	0.323819	Y
7	IC 410-693589/18	300.0	95.081807	50.0	834341.0	0.316939	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

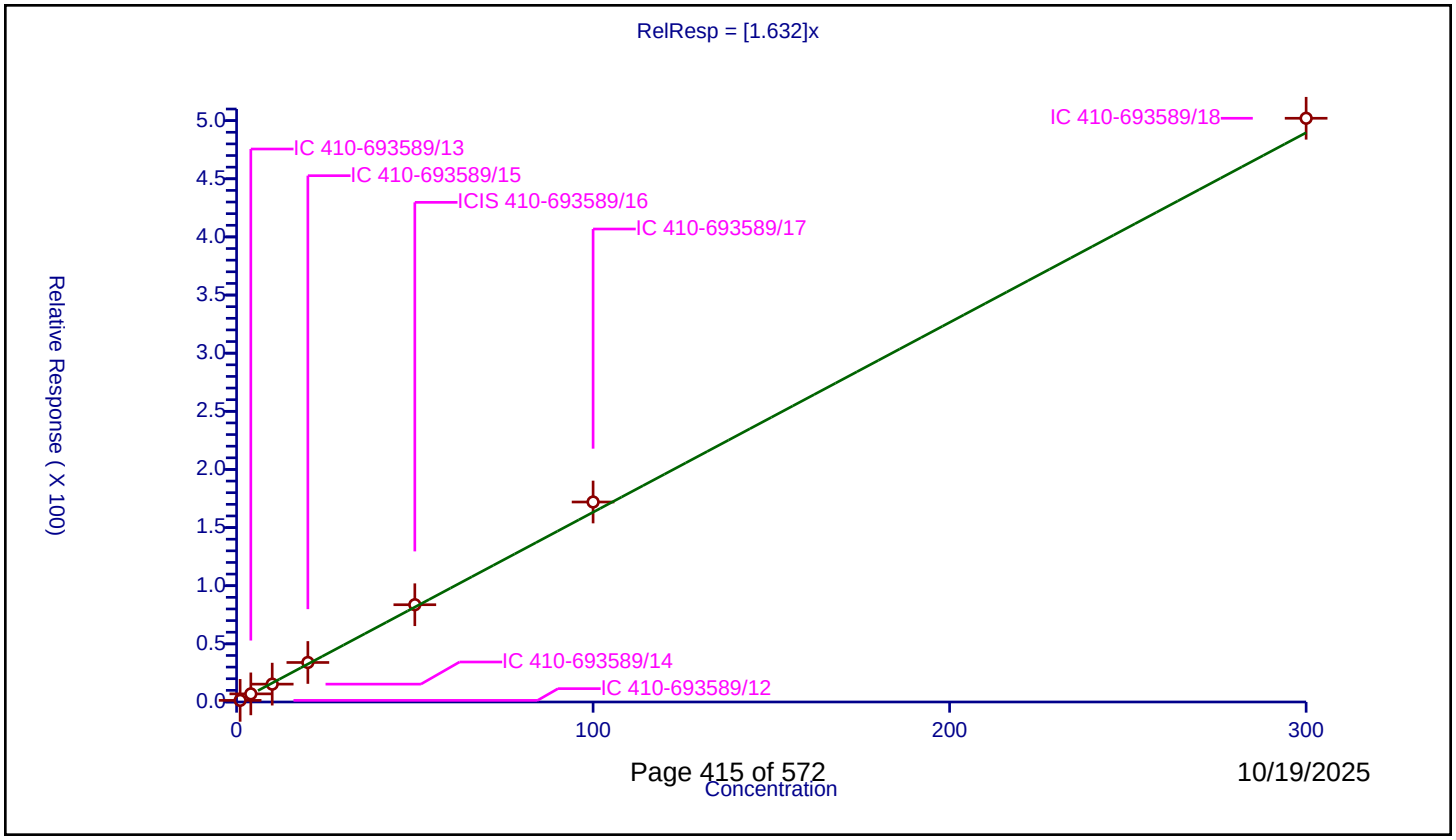
Curve Coefficients

Intercept:	0
Slope:	1.632

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	1.378361	50.0	734024.0	1.378361	Y
2	IC 410-693589/13	4.0	6.977229	50.0	734131.0	1.744307	Y
3	IC 410-693589/14	10.0	15.36537	50.0	737252.0	1.536537	Y
4	IC 410-693589/15	20.0	33.98366	50.0	747368.0	1.699183	Y
5	ICIS 410-693589/16	50.0	83.666049	50.0	747385.0	1.673321	Y
6	IC 410-693589/17	100.0	172.010933	50.0	780603.0	1.720109	Y
7	IC 410-693589/18	300.0	502.05084	50.0	834341.0	1.673503	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

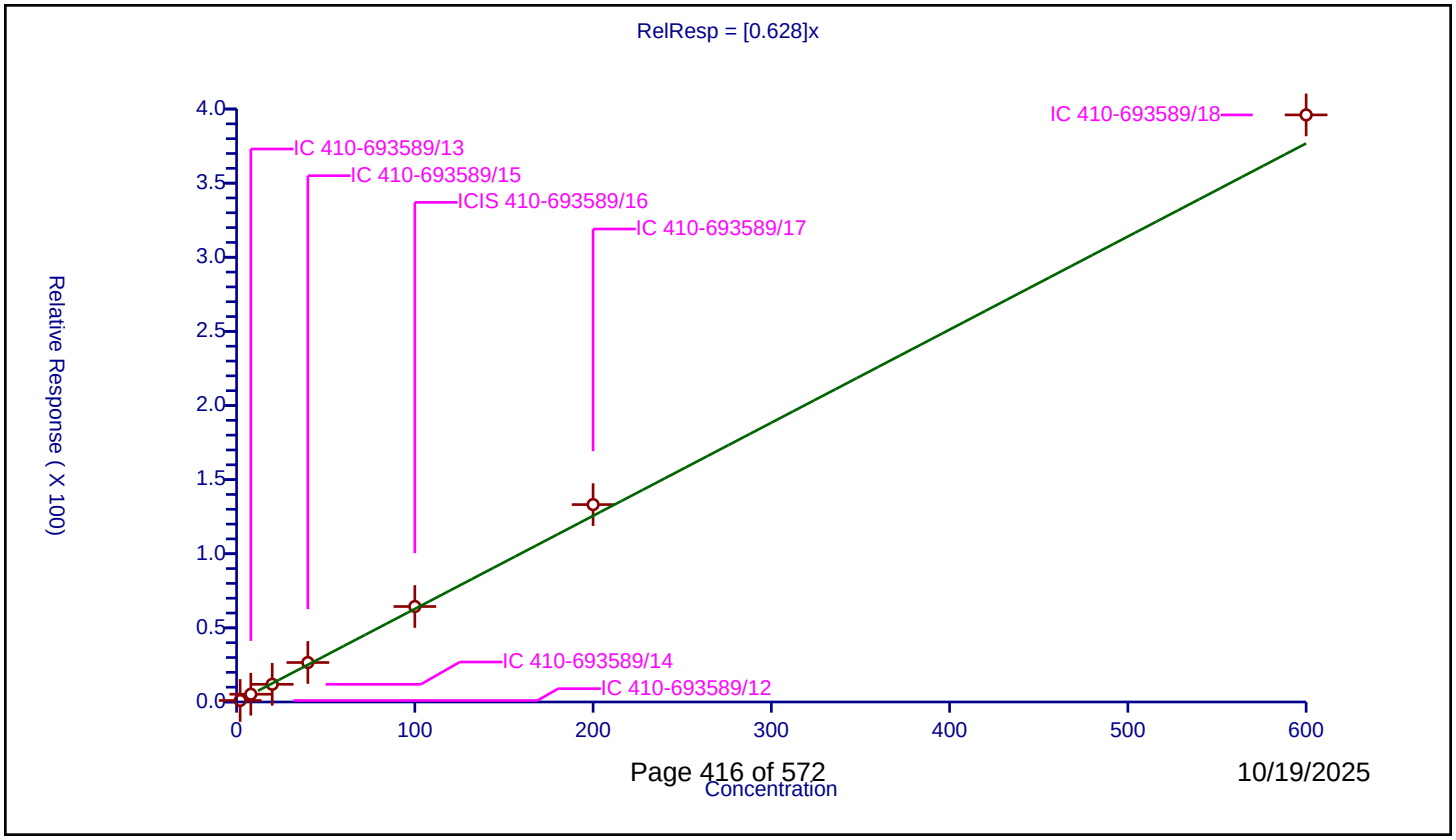
Curve Coefficients

Intercept:	0
Slope:	0.628

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	2.0	1.015907	50.0	734024.0	0.507953	Y
2	IC 410-693589/13	8.0	5.243887	50.0	734131.0	0.655486	Y
3	IC 410-693589/14	20.0	11.93303	50.0	737252.0	0.596651	Y
4	IC 410-693589/15	40.0	26.637814	50.0	747368.0	0.665945	Y
5	ICIS 410-693589/16	100.0	64.401814	50.0	747385.0	0.644018	Y
6	IC 410-693589/17	200.0	133.162184	50.0	780603.0	0.665811	Y
7	IC 410-693589/18	600.0	396.027643	50.0	834341.0	0.660046	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

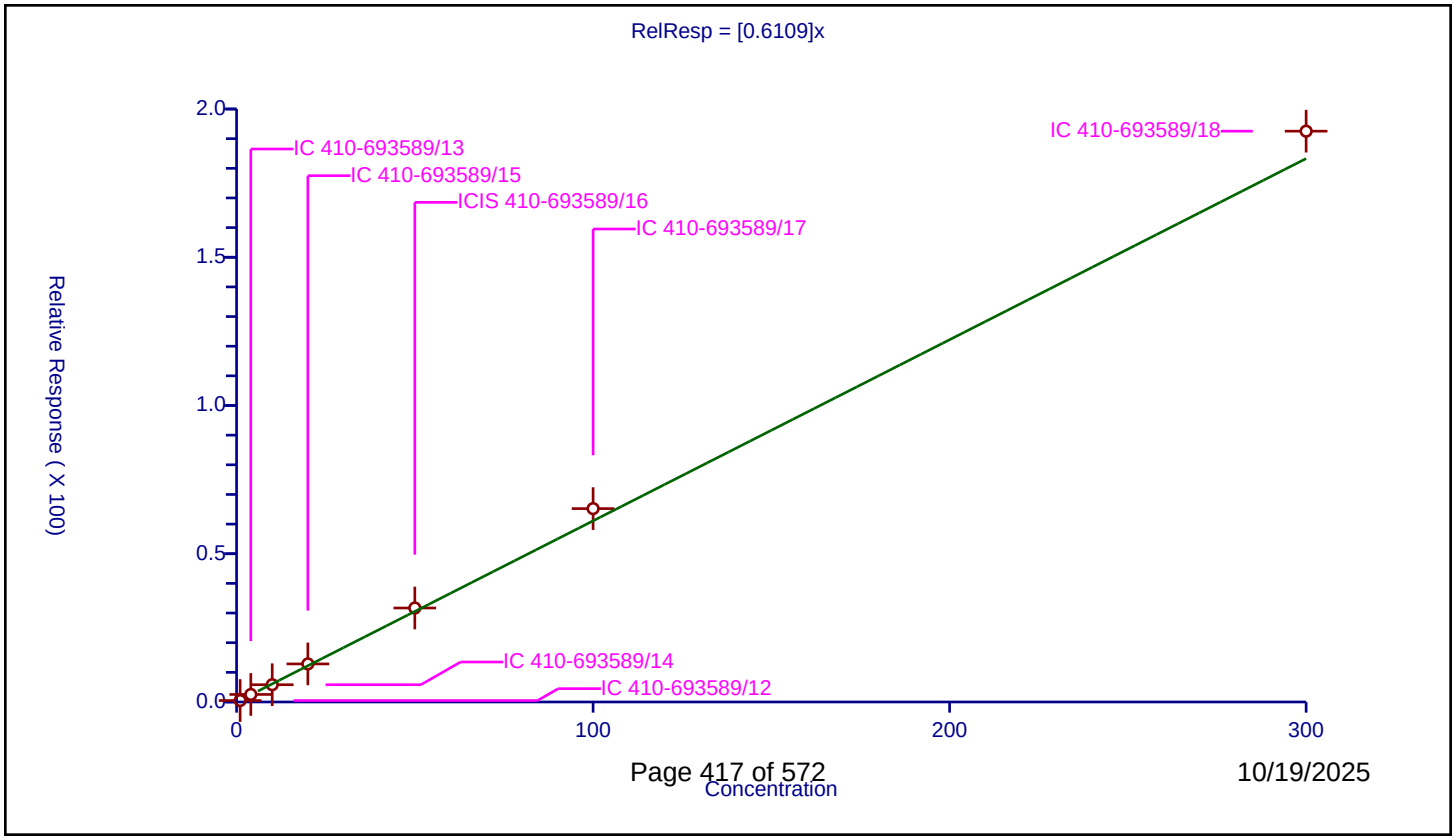
Curve Coefficients

Intercept:	0
Slope:	0.6109

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.489357	50.0	734024.0	0.489357	Y
2	IC 410-693589/13	4.0	2.538307	50.0	734131.0	0.634577	Y
3	IC 410-693589/14	10.0	5.824399	50.0	737252.0	0.58244	Y
4	IC 410-693589/15	20.0	12.843138	50.0	747368.0	0.642157	Y
5	ICIS 410-693589/16	50.0	31.704008	50.0	747385.0	0.63408	Y
6	IC 410-693589/17	100.0	65.217466	50.0	780603.0	0.652175	Y
7	IC 410-693589/18	300.0	192.526677	50.0	834341.0	0.641756	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

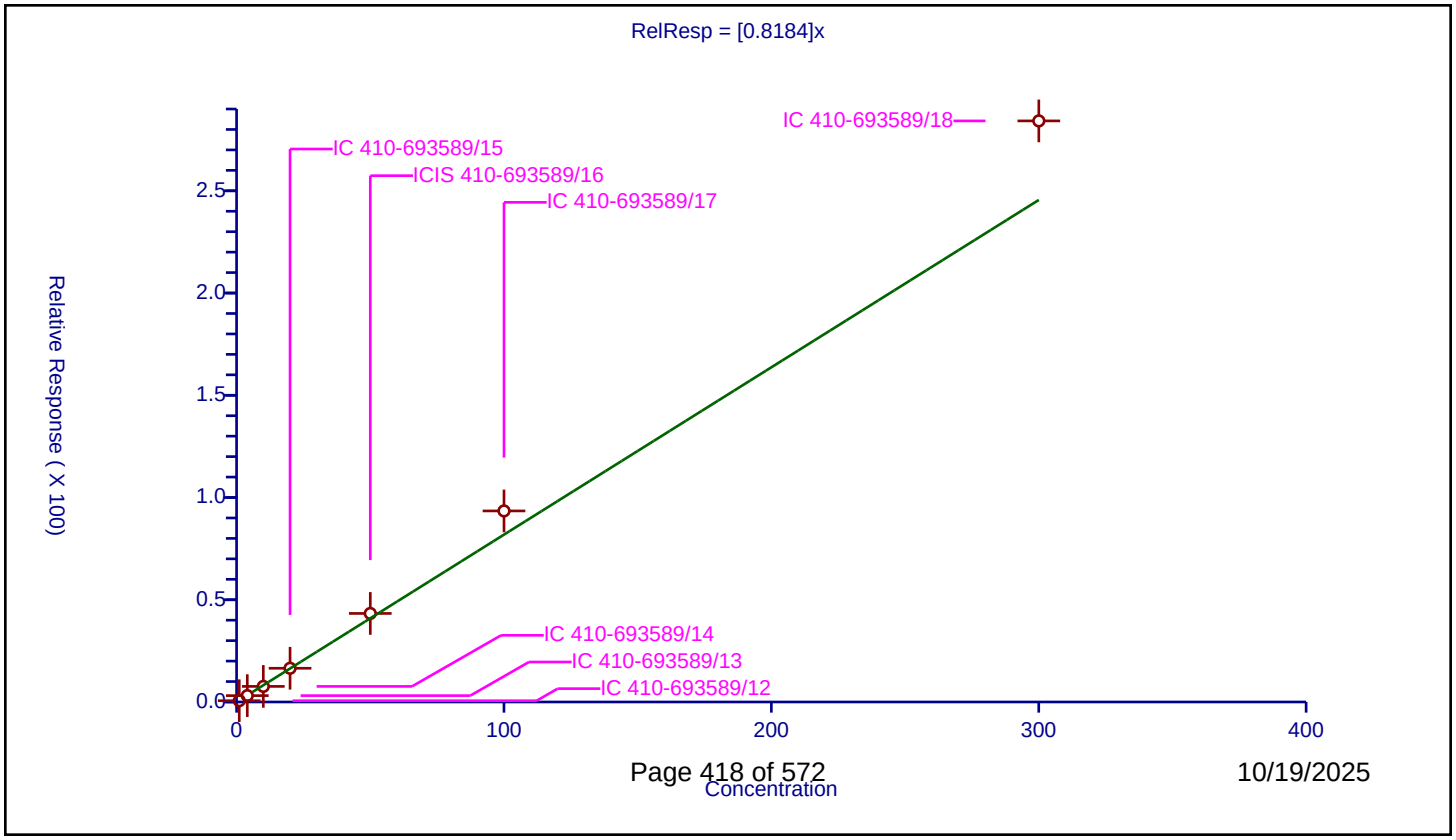
Curve Coefficients

Intercept:	0
Slope:	0.8184

Error Coefficients

Relative Standard Deviation:	13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.00011	0.618781	50.0	734024.0	0.618713	Y
2	IC 410-693589/13	4.00044	3.105577	50.0	734131.0	0.776309	Y
3	IC 410-693589/14	10.0011	7.617545	50.0	737252.0	0.761671	Y
4	IC 410-693589/15	20.0022	16.490537	50.0	747368.0	0.824436	Y
5	ICIS 410-693589/16	50.0055	43.298166	50.0	747385.0	0.865868	Y
6	IC 410-693589/17	100.011	93.441545	50.0	780603.0	0.934313	Y
7	IC 410-693589/18	300.033	284.180809	50.0	834341.0	0.947165	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

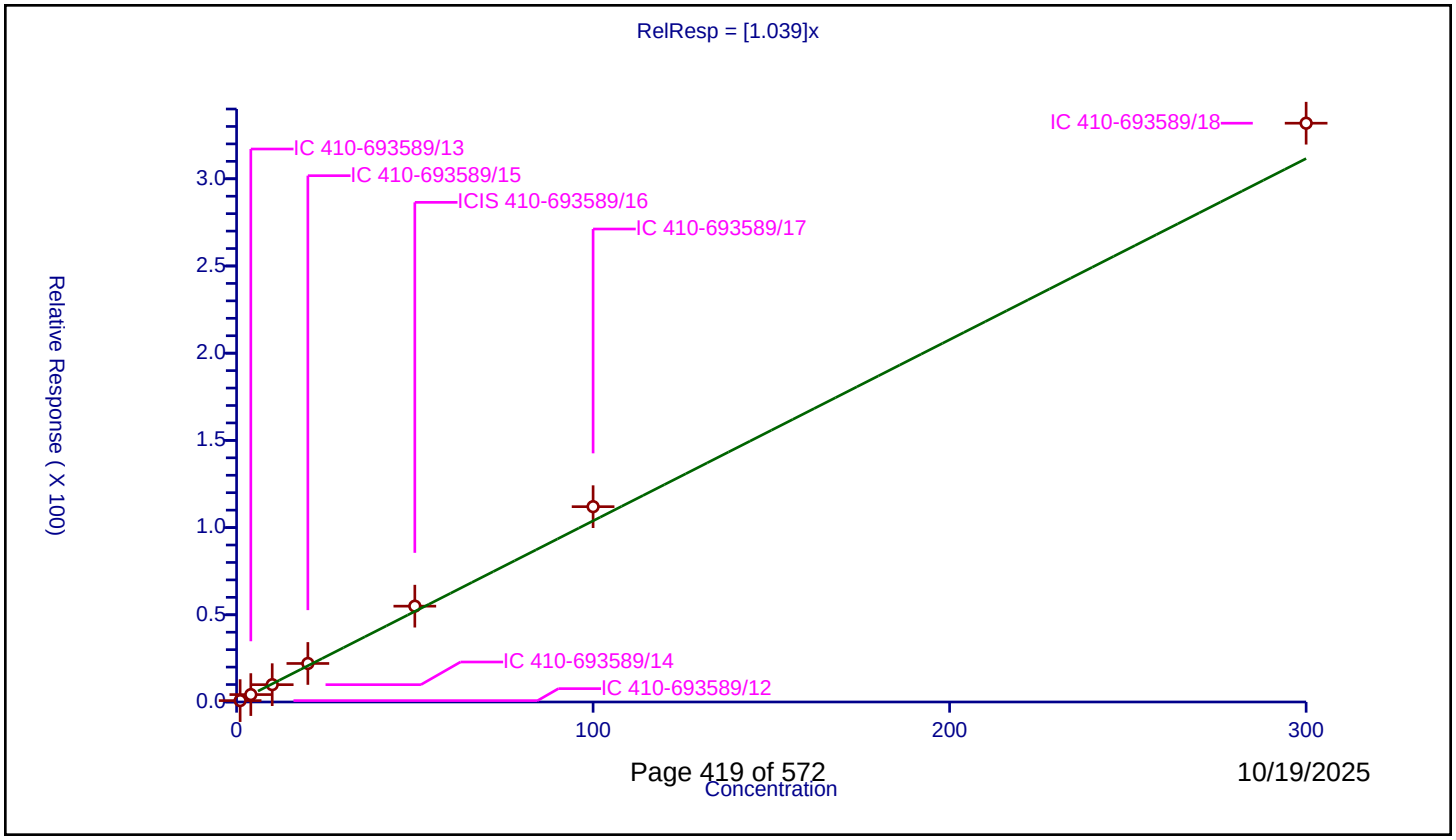
Curve Coefficients

Intercept:	0
Slope:	1.039

Error Coefficients

Relative Standard Deviation:	11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.789075	50.0	734024.0	0.789075	Y
2	IC 410-693589/13	4.0	4.238004	50.0	734131.0	1.059501	Y
3	IC 410-693589/14	10.0	9.927745	50.0	737252.0	0.992775	Y
4	IC 410-693589/15	20.0	22.079217	50.0	747368.0	1.103961	Y
5	ICIS 410-693589/16	50.0	54.942633	50.0	747385.0	1.098853	Y
6	IC 410-693589/17	100.0	111.997648	50.0	780603.0	1.119976	Y
7	IC 410-693589/18	300.0	331.867965	50.0	834341.0	1.106227	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

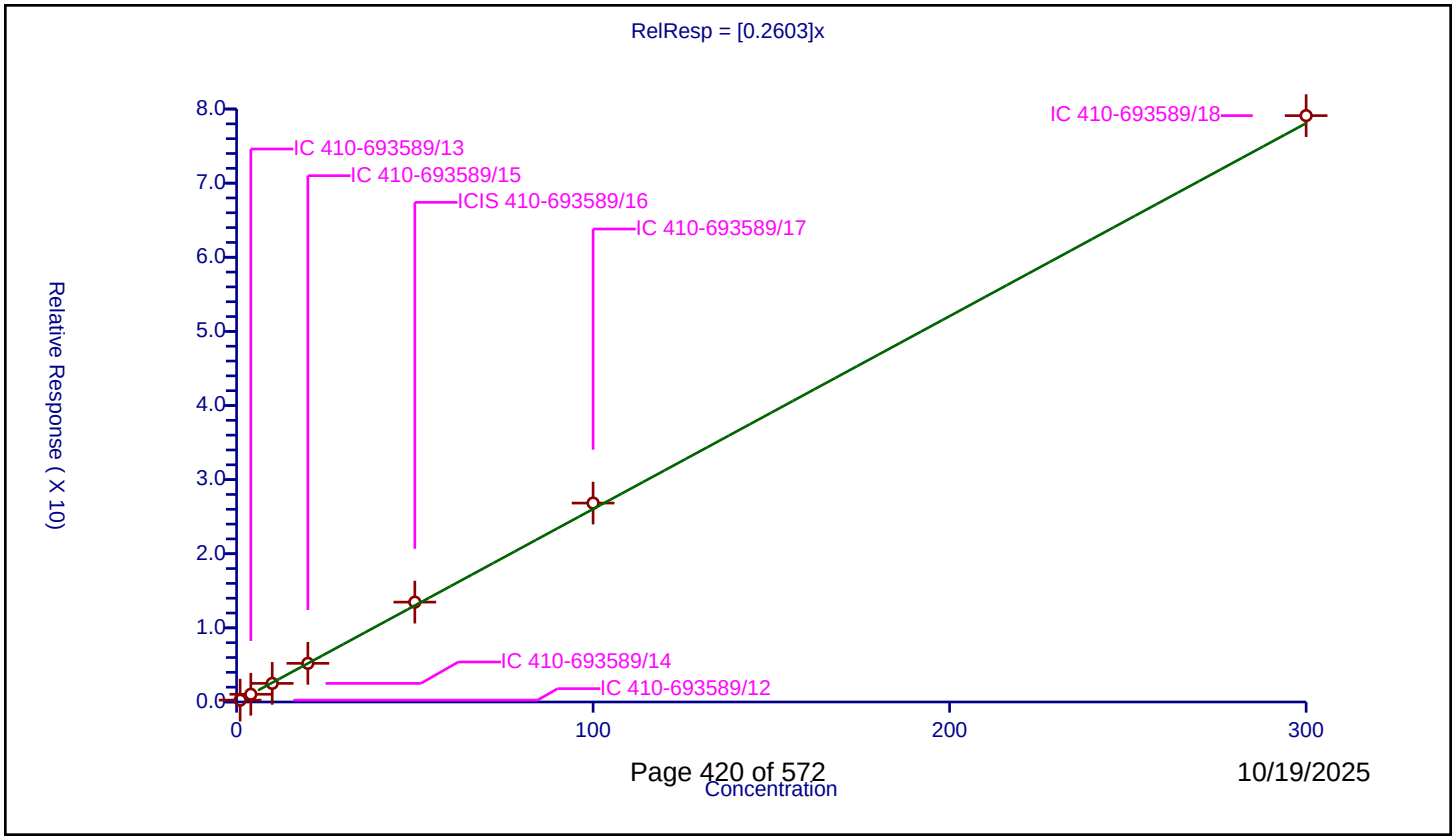
Curve Coefficients

Intercept:	0
Slope:	0.2603

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.248221	50.0	734024.0	0.248221	Y
2	IC 410-693589/13	4.0	1.042389	50.0	734131.0	0.260597	Y
3	IC 410-693589/14	10.0	2.508844	50.0	737252.0	0.250884	Y
4	IC 410-693589/15	20.0	5.21363	50.0	747368.0	0.260681	Y
5	ICIS 410-693589/16	50.0	13.474715	50.0	747385.0	0.269494	Y
6	IC 410-693589/17	100.0	26.83829	50.0	780603.0	0.268383	Y
7	IC 410-693589/18	300.0	79.106085	50.0	834341.0	0.263687	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

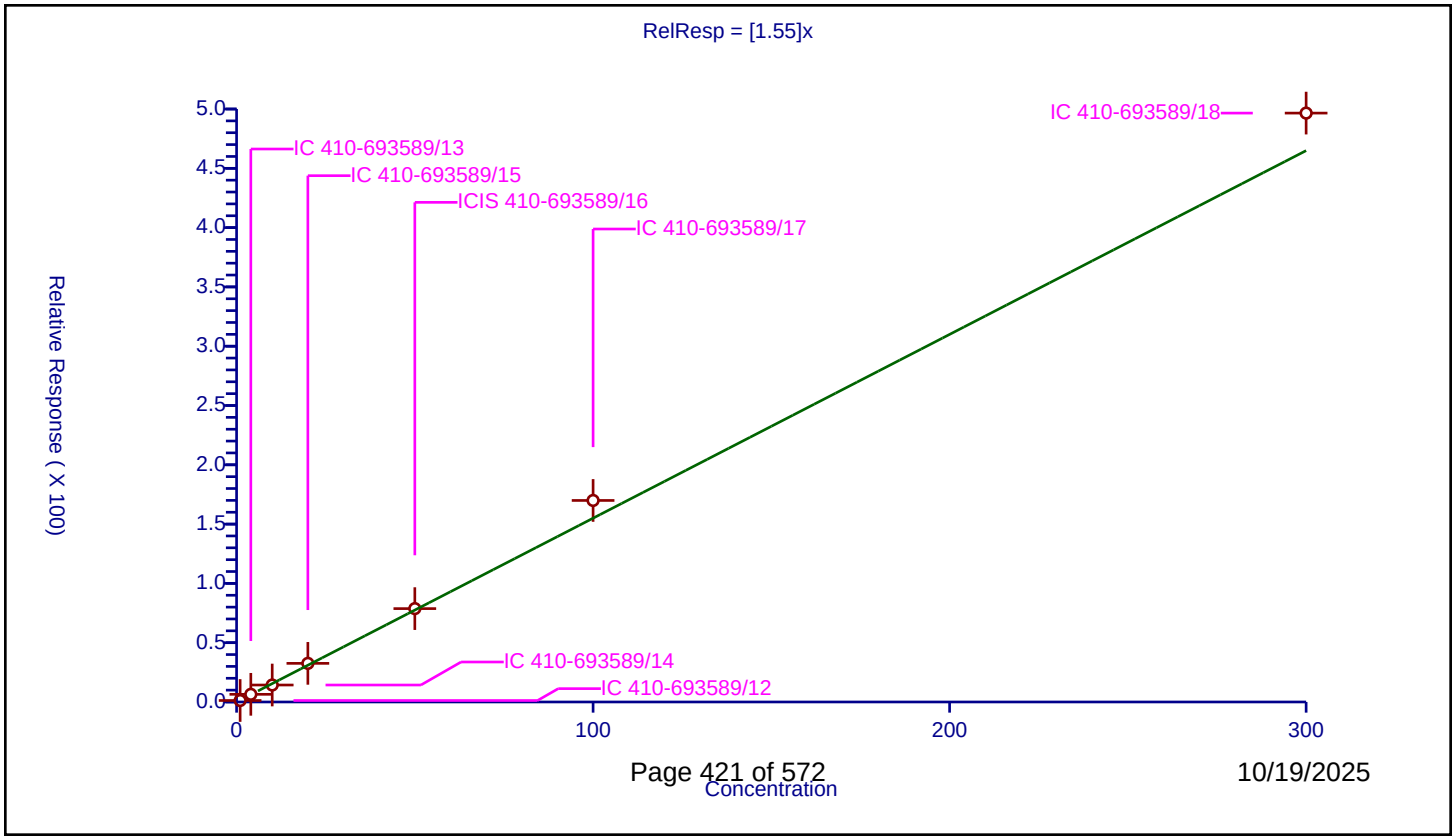
Curve Coefficients

Intercept:	0
Slope:	1.55

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	1.245191	50.0	734024.0	1.245191	Y
2	IC 410-693589/13	4.0	6.458112	50.0	734131.0	1.614528	Y
3	IC 410-693589/14	10.0	14.311389	50.0	737252.0	1.431139	Y
4	IC 410-693589/15	20.0	32.56361	50.0	747368.0	1.62818	Y
5	ICIS 410-693589/16	50.0	78.732514	50.0	747385.0	1.57465	Y
6	IC 410-693589/17	100.0	169.932988	50.0	780603.0	1.69933	Y
7	IC 410-693589/18	300.0	496.55135	50.0	834341.0	1.655171	Y



Calibration / Cyclohexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

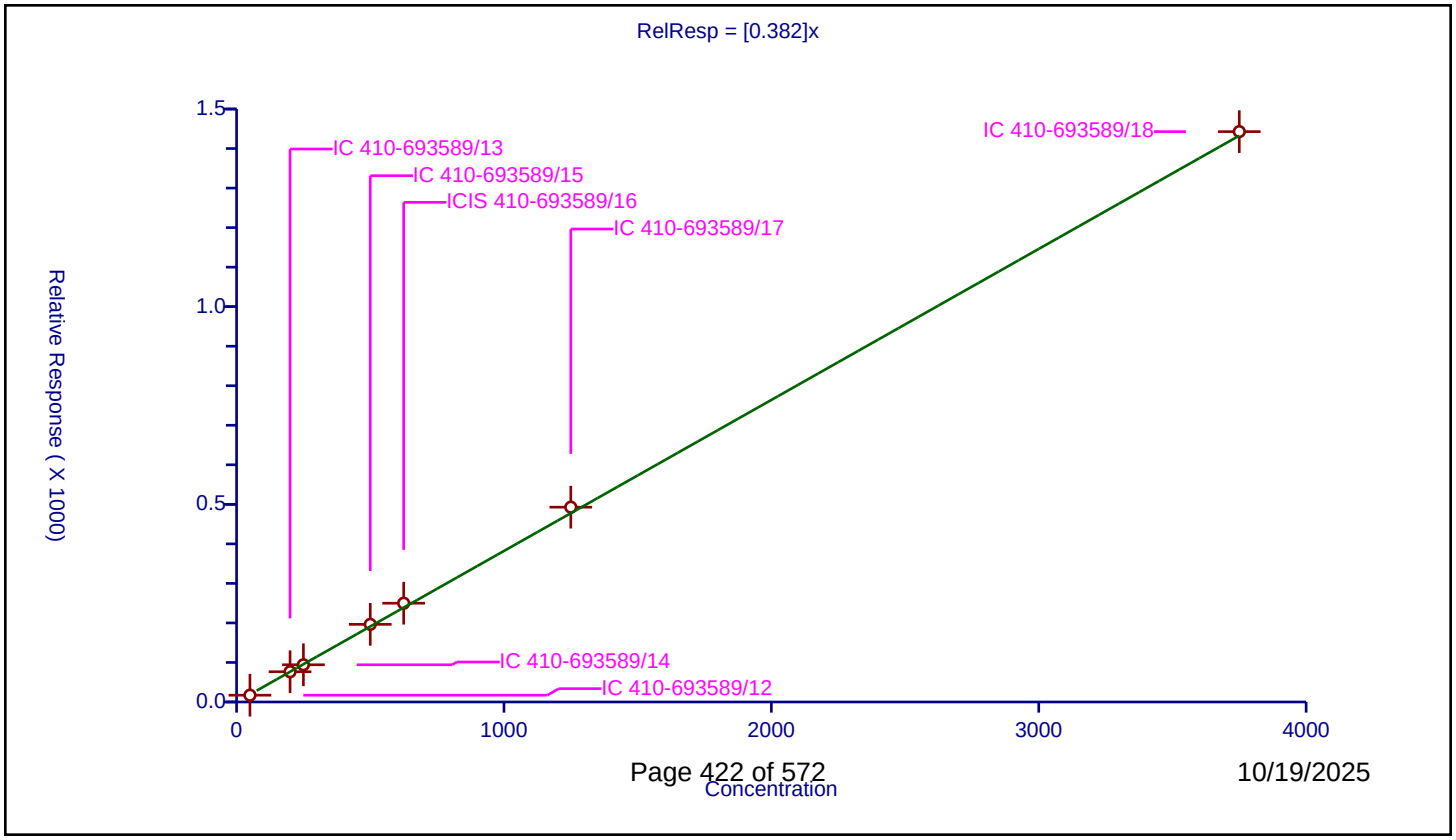
Curve Coefficients

Intercept:	0
Slope:	0.382

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	50.000933	17.165367	250.0	184747.0	0.343301	Y
2	IC 410-693589/13	200.003731	76.557613	250.0	183855.0	0.382781	Y
3	IC 410-693589/14	250.004664	94.136042	250.0	186751.0	0.376537	Y
4	IC 410-693589/15	500.009328	196.397762	250.0	186634.0	0.392788	Y
5	ICIS 410-693589/16	625.01166	249.867591	250.0	192585.0	0.399781	Y
6	IC 410-693589/17	1250.02332	492.827704	250.0	198960.0	0.394255	Y
7	IC 410-693589/18	3750.06996	1442.816099	250.0	218405.0	0.384744	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

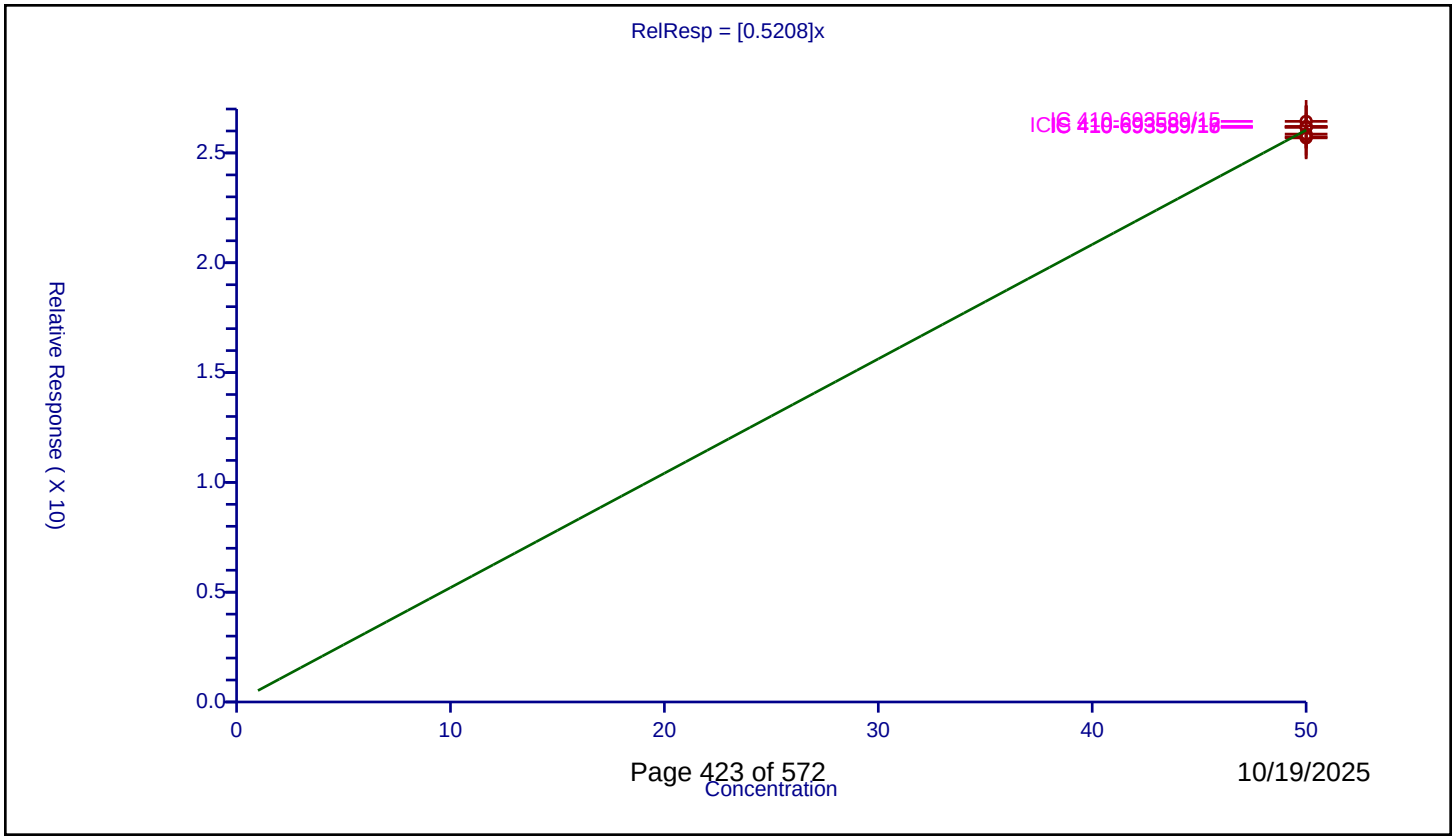
Curve Coefficients

Intercept:	0
Slope:	0.5208

Error Coefficients

Relative Standard Deviation:	1.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	50.0	25.686217	50.0	734024.0	0.513724	Y
2	IC 410-693589/13	50.0	25.732873	50.0	734131.0	0.514657	Y
3	IC 410-693589/14	50.0	25.858323	50.0	737252.0	0.517166	Y
4	IC 410-693589/15	50.0	26.437846	50.0	747368.0	0.528757	Y
5	ICIS 410-693589/16	50.0	26.207711	50.0	747385.0	0.524154	Y
6	IC 410-693589/17	50.0	26.175341	50.0	780603.0	0.523507	Y
7	IC 410-693589/18	50.0	26.171134	50.0	834341.0	0.523423	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

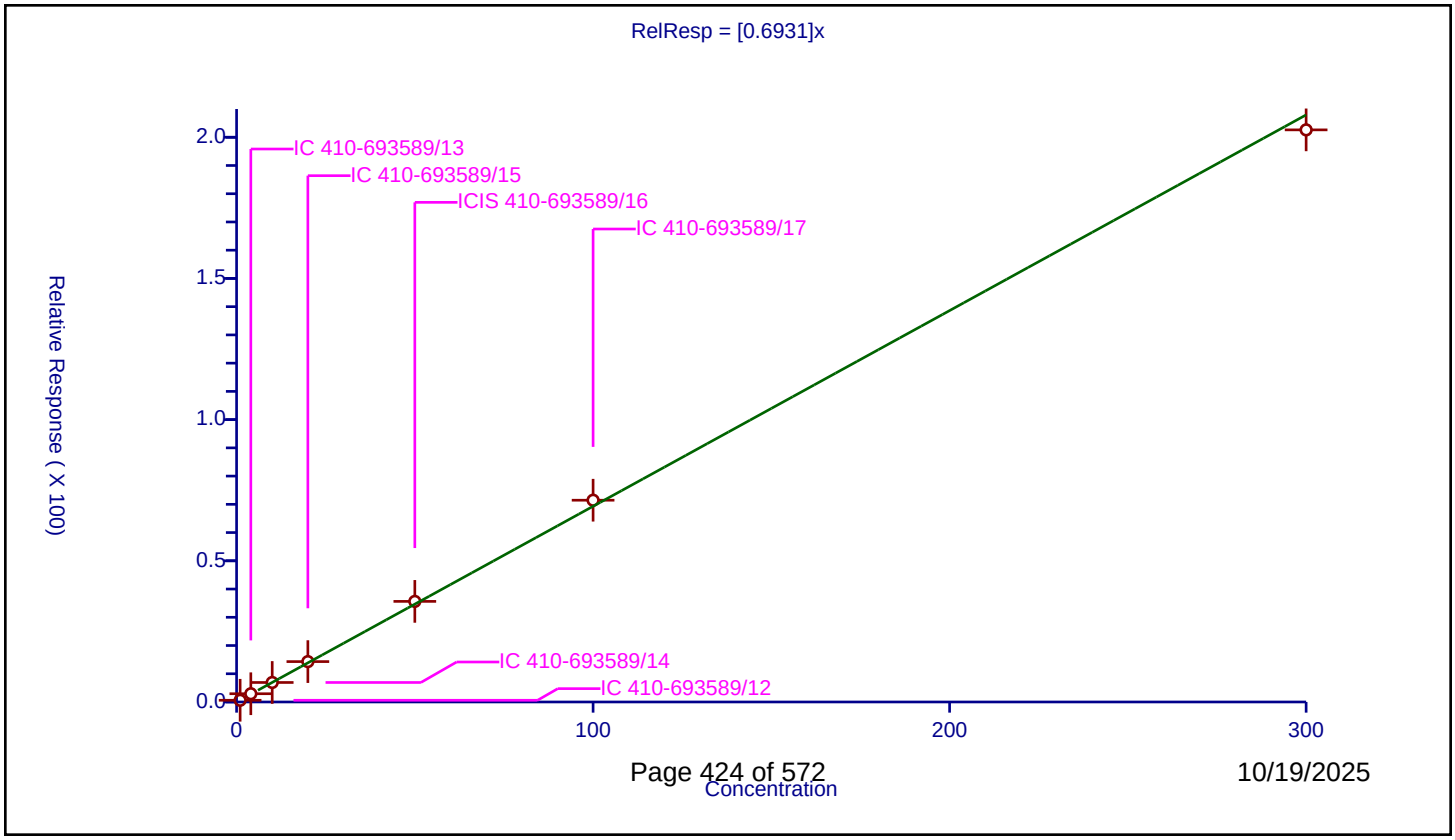
Curve Coefficients

Intercept:	0
Slope:	0.6931

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.612968	50.0	397900.0	0.612968	Y
2	IC 410-693589/13	4.0	2.920596	50.0	398292.0	0.730149	Y
3	IC 410-693589/14	10.0	6.909753	50.0	404479.0	0.690975	Y
4	IC 410-693589/15	20.0	14.299598	50.0	418281.0	0.71498	Y
5	ICIS 410-693589/16	50.0	35.623732	50.0	417118.0	0.712475	Y
6	IC 410-693589/17	100.0	71.453179	50.0	436849.0	0.714532	Y
7	IC 410-693589/18	300.0	202.614796	50.0	478393.0	0.675383	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

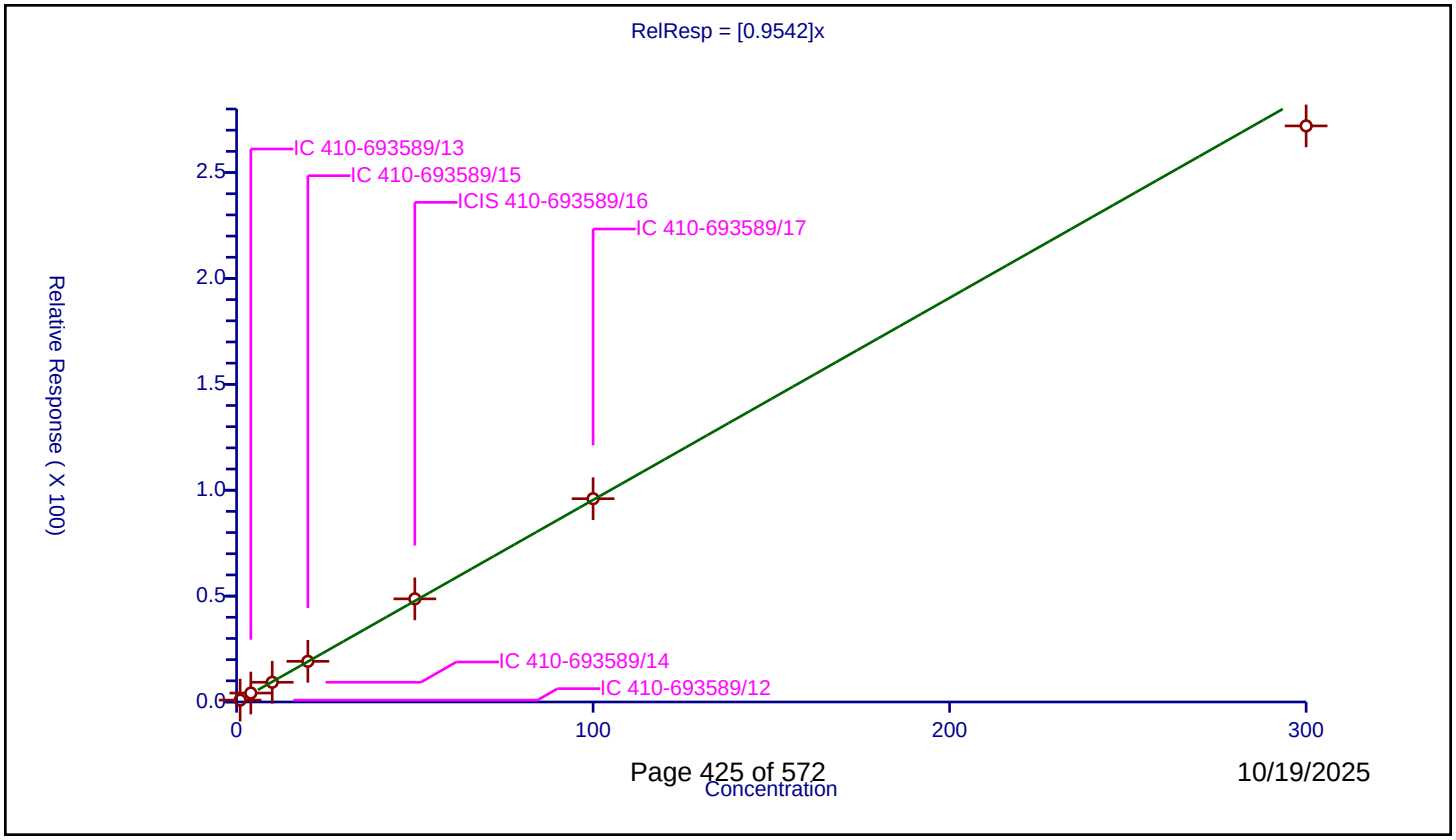
Curve Coefficients

Intercept:	0
Slope:	0.9542

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.890173	50.0	397900.0	0.890173	Y
2	IC 410-693589/13	4.0	4.228305	50.0	398292.0	1.057076	Y
3	IC 410-693589/14	10.0	9.314451	50.0	404479.0	0.931445	Y
4	IC 410-693589/15	20.0	19.197143	50.0	418281.0	0.959857	Y
5	ICIS 410-693589/16	50.0	48.69797	50.0	417118.0	0.973959	Y
6	IC 410-693589/17	100.0	95.993009	50.0	436849.0	0.95993	Y
7	IC 410-693589/18	300.0	272.019344	50.0	478393.0	0.906731	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

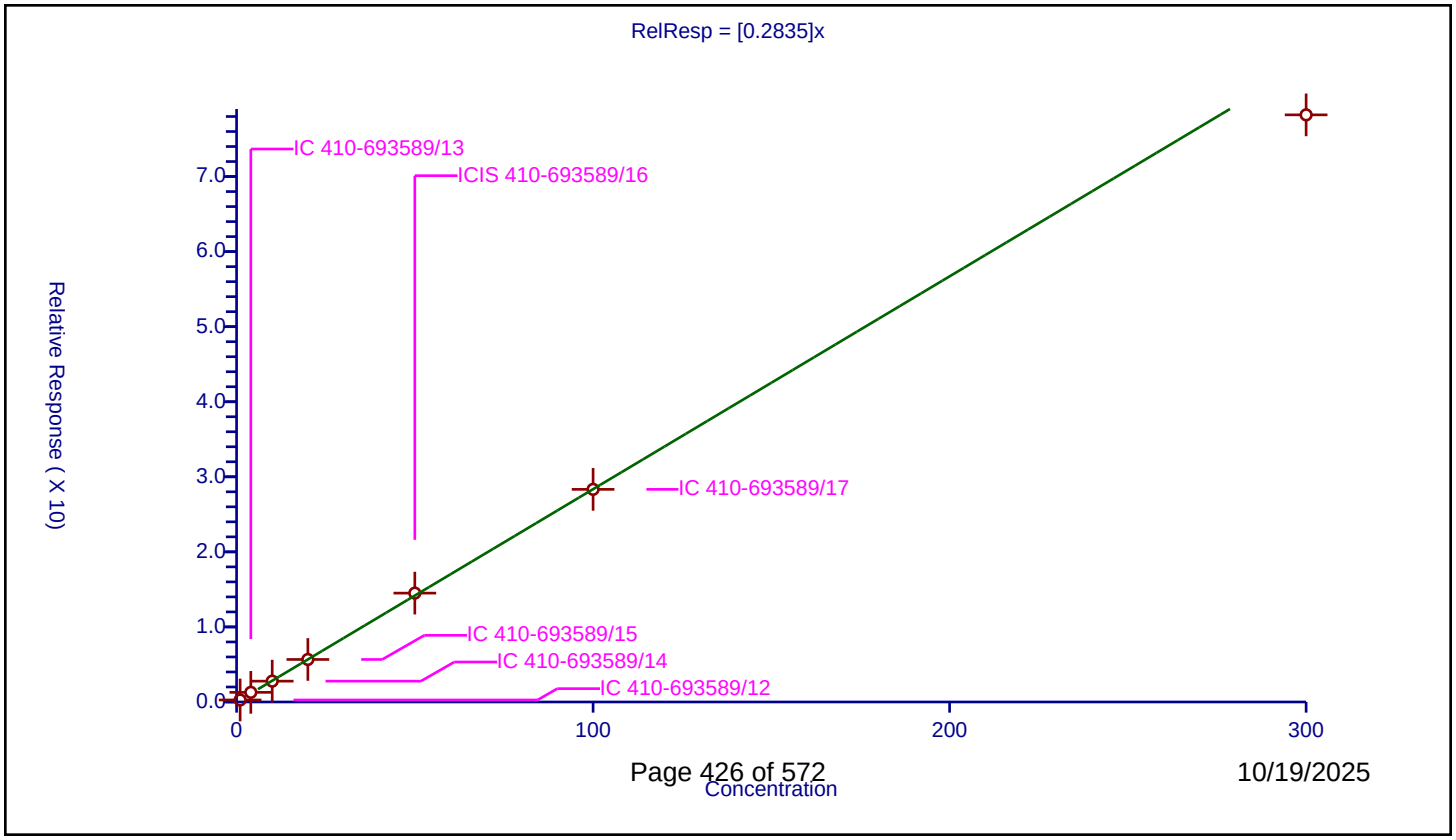
Curve Coefficients

Intercept:	0
Slope:	0.2835

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.268535	50.0	397900.0	0.268535	Y
2	IC 410-693589/13	4.0	1.284359	50.0	398292.0	0.32109	Y
3	IC 410-693589/14	10.0	2.777153	50.0	404479.0	0.277715	Y
4	IC 410-693589/15	20.0	5.664493	50.0	418281.0	0.283225	Y
5	ICIS 410-693589/16	50.0	14.505008	50.0	417118.0	0.2901	Y
6	IC 410-693589/17	100.0	28.326951	50.0	436849.0	0.28327	Y
7	IC 410-693589/18	300.0	78.222507	50.0	478393.0	0.260742	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

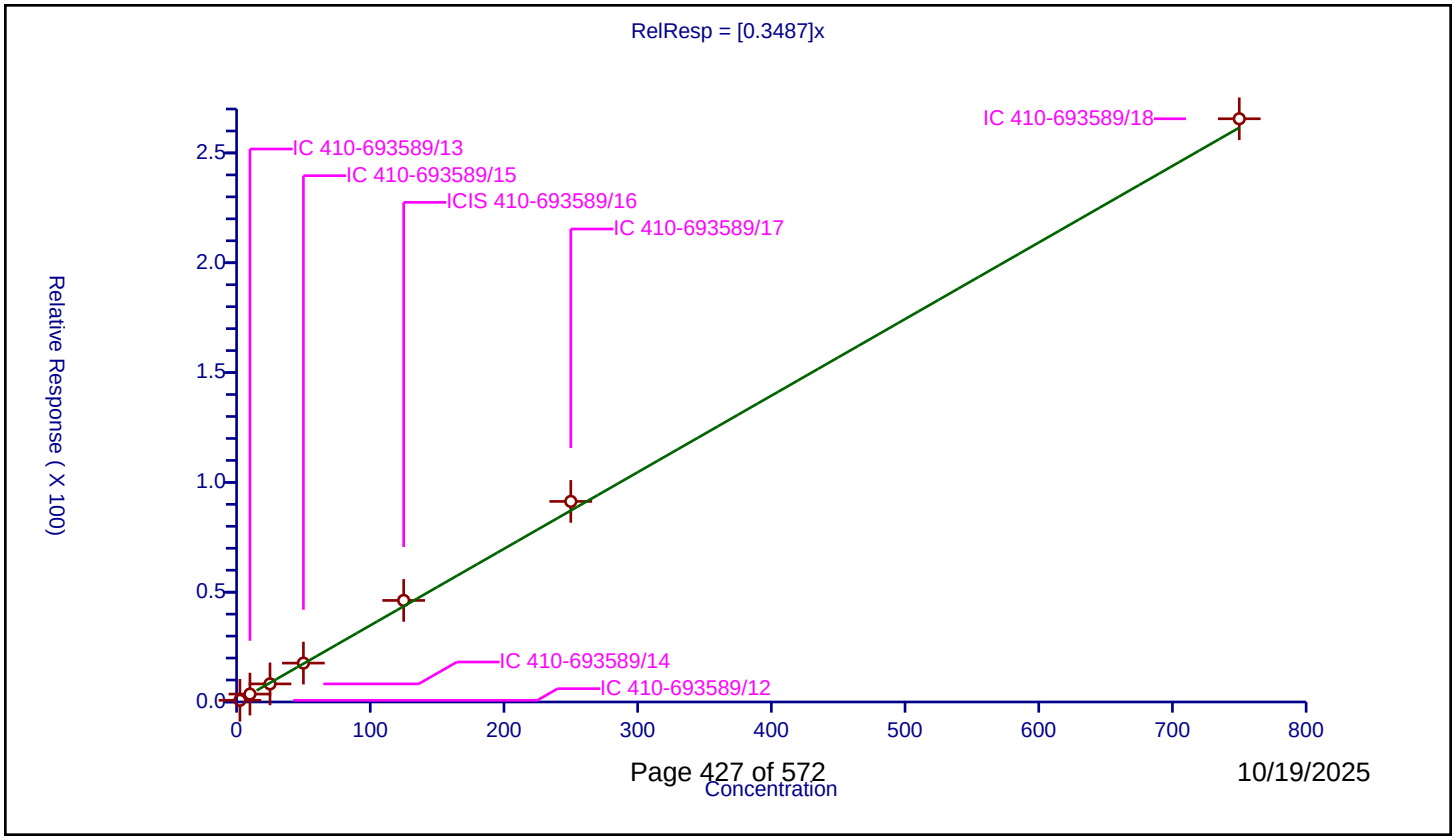
Curve Coefficients

Intercept:	0
Slope:	0.3487

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	2.5	0.768535	50.0	397900.0	0.307414	Y
2	IC 410-693589/13	10.0	3.604014	50.0	398292.0	0.360401	Y
3	IC 410-693589/14	25.0	8.234296	50.0	404479.0	0.329372	Y
4	IC 410-693589/15	50.0	17.711897	50.0	418281.0	0.354238	Y
5	ICIS 410-693589/16	125.0	46.240273	50.0	417118.0	0.369922	Y
6	IC 410-693589/17	250.0	91.323089	50.0	436849.0	0.365292	Y
7	IC 410-693589/18	750.0	265.551753	50.0	478393.0	0.354069	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

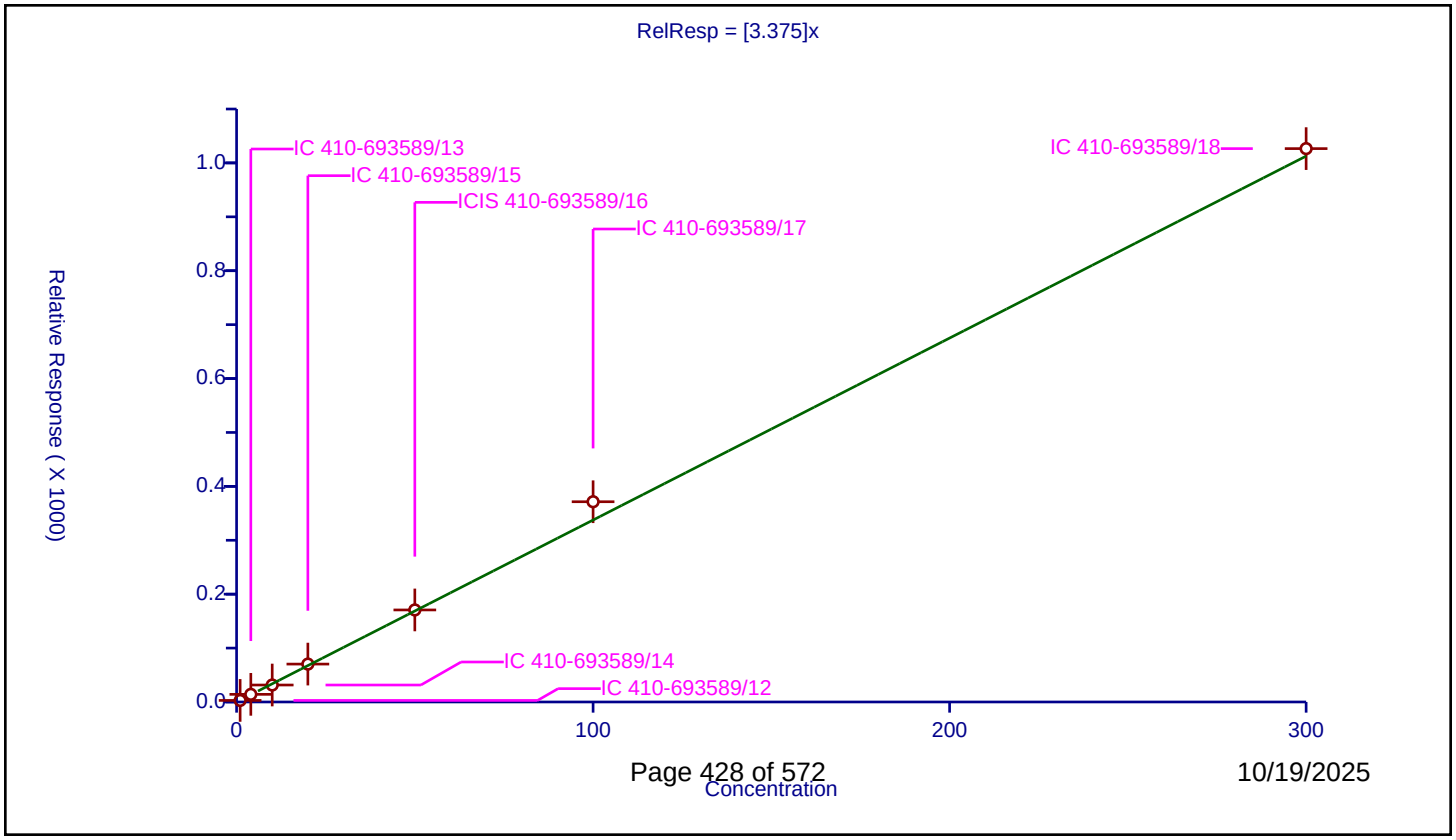
Curve Coefficients

Intercept:	0
Slope:	3.375

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	2.871576	50.0	397900.0	2.871576	Y
2	IC 410-693589/13	4.0	14.173395	50.0	398292.0	3.543349	Y
3	IC 410-693589/14	10.0	31.469743	50.0	404479.0	3.146974	Y
4	IC 410-693589/15	20.0	70.295686	50.0	418281.0	3.514784	Y
5	ICIS 410-693589/16	50.0	170.756117	50.0	417118.0	3.415122	Y
6	IC 410-693589/17	100.0	371.461878	50.0	436849.0	3.714619	Y
7	IC 410-693589/18	300.0	1026.529966	50.0	478393.0	3.421767	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

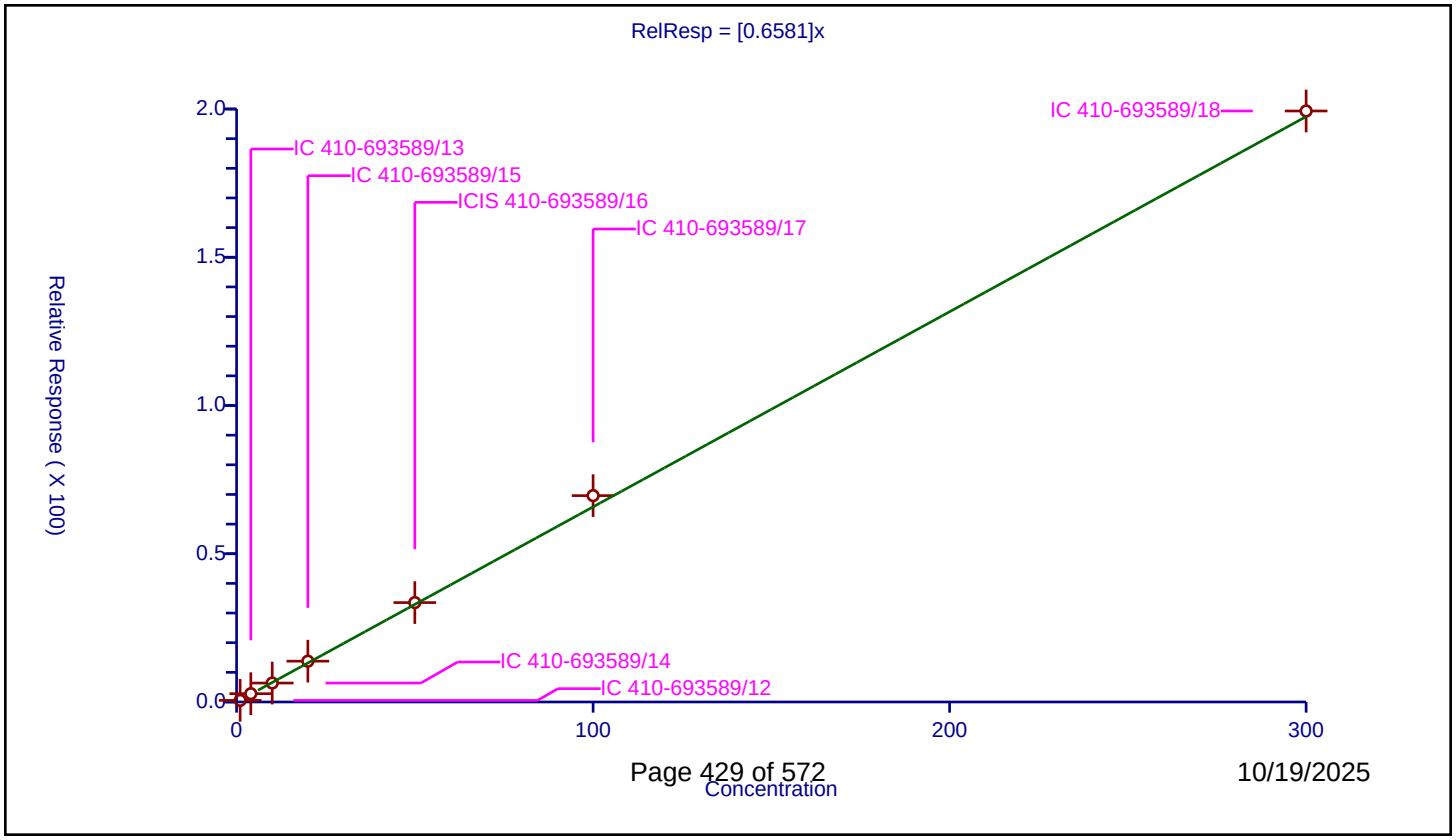
Curve Coefficients

Intercept:	0
Slope:	0.6581

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.547625	50.0	397900.0	0.547625	Y
2	IC 410-693589/13	4.0	2.805479	50.0	398292.0	0.70137	Y
3	IC 410-693589/14	10.0	6.386858	50.0	404479.0	0.638686	Y
4	IC 410-693589/15	20.0	13.761323	50.0	418281.0	0.688066	Y
5	ICIS 410-693589/16	50.0	33.529241	50.0	417118.0	0.670585	Y
6	IC 410-693589/17	100.0	69.6046	50.0	436849.0	0.696046	Y
7	IC 410-693589/18	300.0	199.33841	50.0	478393.0	0.664461	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

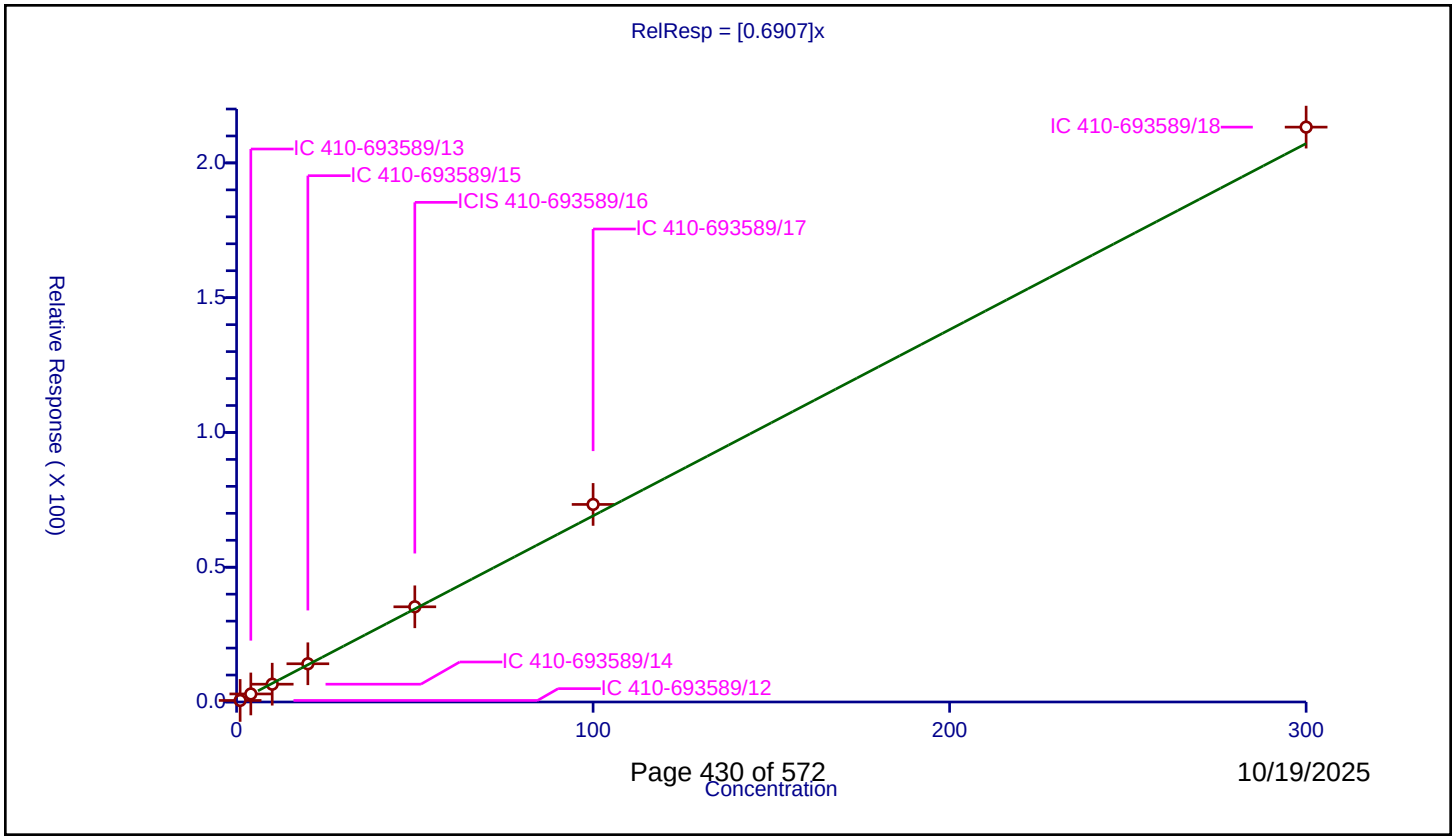
Curve Coefficients

Intercept:	0
Slope:	0.6907

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.570495	50.0	397900.0	0.570495	Y
2	IC 410-693589/13	4.0	2.980853	50.0	398292.0	0.745213	Y
3	IC 410-693589/14	10.0	6.599354	50.0	404479.0	0.659935	Y
4	IC 410-693589/15	20.0	14.178387	50.0	418281.0	0.708919	Y
5	ICIS 410-693589/16	50.0	35.31243	50.0	417118.0	0.706249	Y
6	IC 410-693589/17	100.0	73.29615	50.0	436849.0	0.732962	Y
7	IC 410-693589/18	300.0	213.281026	50.0	478393.0	0.710937	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

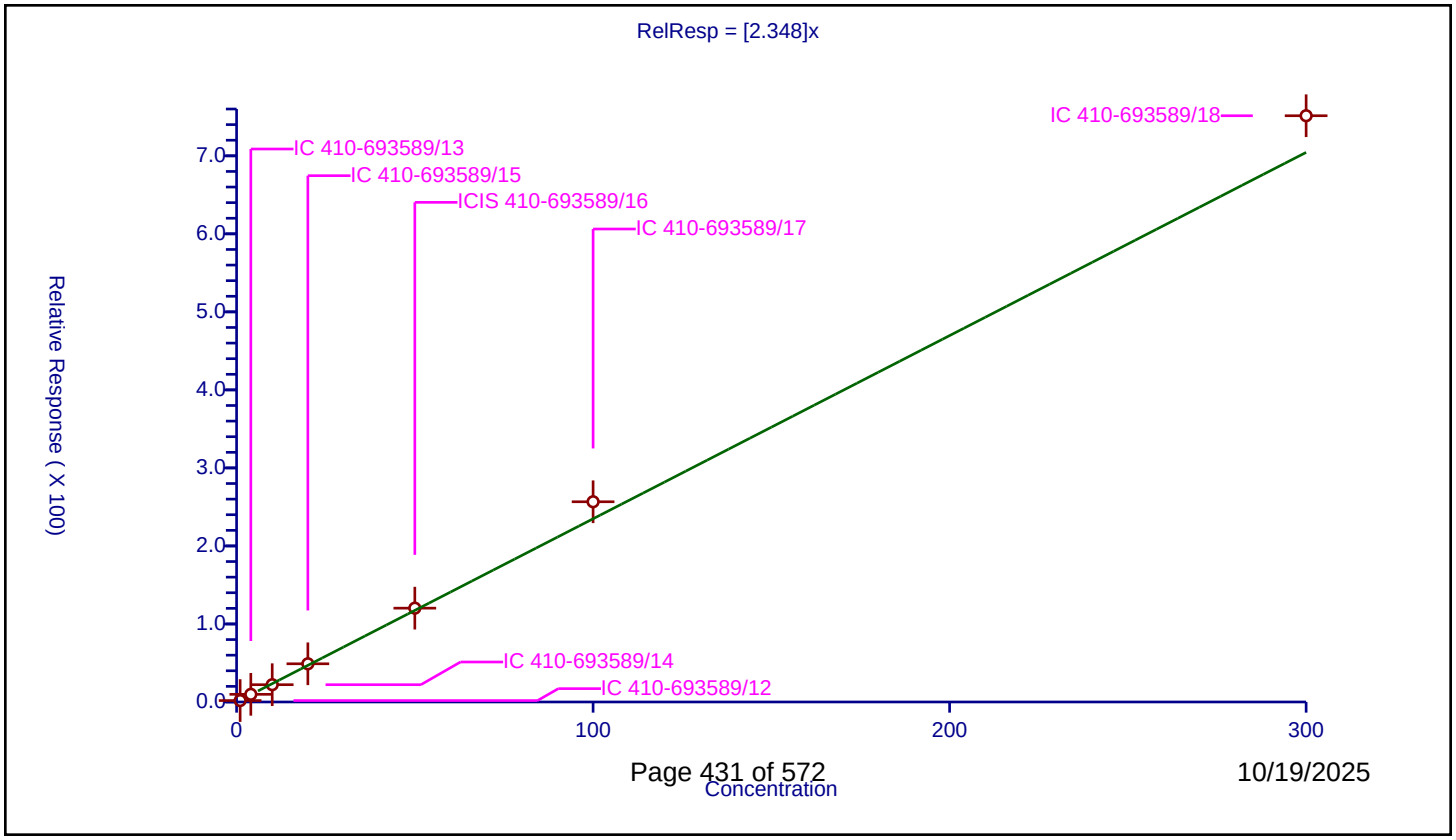
Curve Coefficients

Intercept:	0
Slope:	2.348

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	1.838779	50.0	397900.0	1.838779	Y
2	IC 410-693589/13	4.0	9.822944	50.0	398292.0	2.455736	Y
3	IC 410-693589/14	10.0	22.181127	50.0	404479.0	2.218113	Y
4	IC 410-693589/15	20.0	48.94688	50.0	418281.0	2.447344	Y
5	ICIS 410-693589/16	50.0	120.247748	50.0	417118.0	2.404955	Y
6	IC 410-693589/17	100.0	256.634443	50.0	436849.0	2.566344	Y
7	IC 410-693589/18	300.0	751.389234	50.0	478393.0	2.504631	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

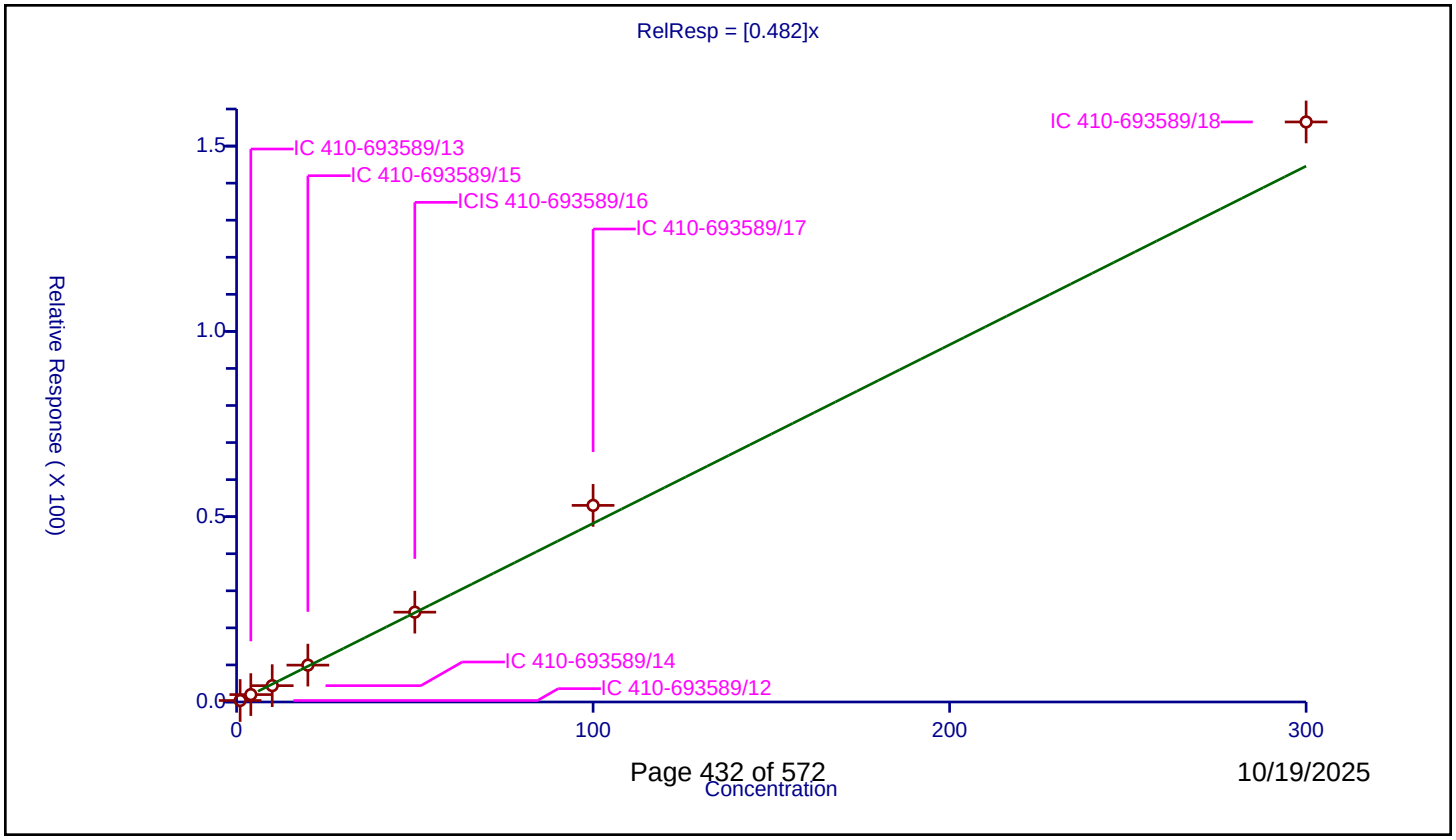
Curve Coefficients

Intercept:	0
Slope:	0.482

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.399347	50.0	397900.0	0.399347	Y
2	IC 410-693589/13	4.0	1.999915	50.0	398292.0	0.499979	Y
3	IC 410-693589/14	10.0	4.404679	50.0	404479.0	0.440468	Y
4	IC 410-693589/15	20.0	9.944033	50.0	418281.0	0.497202	Y
5	ICIS 410-693589/16	50.0	24.234989	50.0	417118.0	0.4847	Y
6	IC 410-693589/17	100.0	53.045446	50.0	436849.0	0.530454	Y
7	IC 410-693589/18	300.0	156.510756	50.0	478393.0	0.521703	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

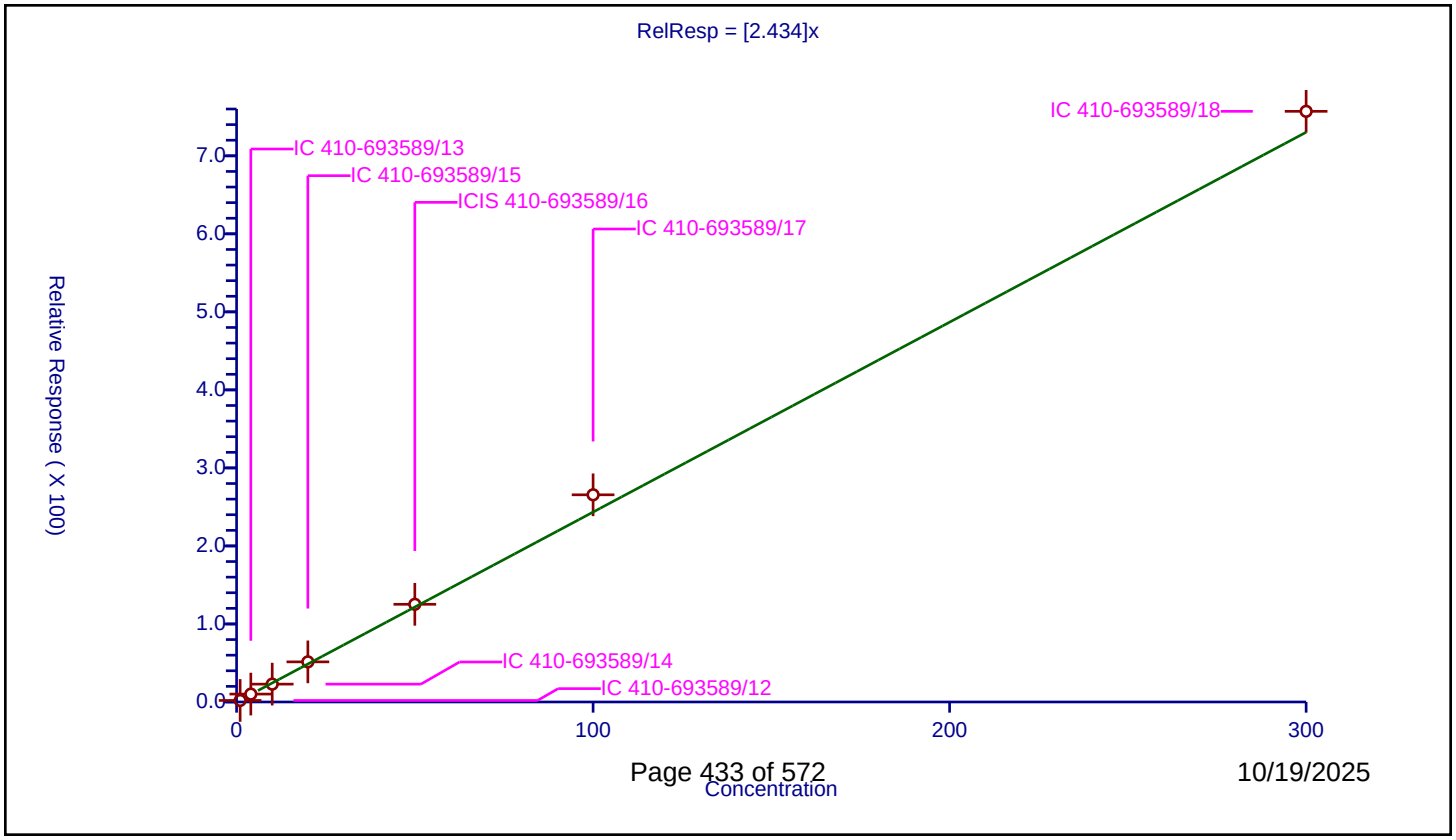
Curve Coefficients

Intercept:	0
Slope:	2.434

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	1.964187	50.0	397900.0	1.964187	Y
2	IC 410-693589/13	4.0	10.128248	50.0	398292.0	2.532062	Y
3	IC 410-693589/14	10.0	22.88413	50.0	404479.0	2.288413	Y
4	IC 410-693589/15	20.0	51.404917	50.0	418281.0	2.570246	Y
5	ICIS 410-693589/16	50.0	125.219722	50.0	417118.0	2.504394	Y
6	IC 410-693589/17	100.0	265.56167	50.0	436849.0	2.655617	Y
7	IC 410-693589/18	300.0	757.041386	50.0	478393.0	2.523471	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

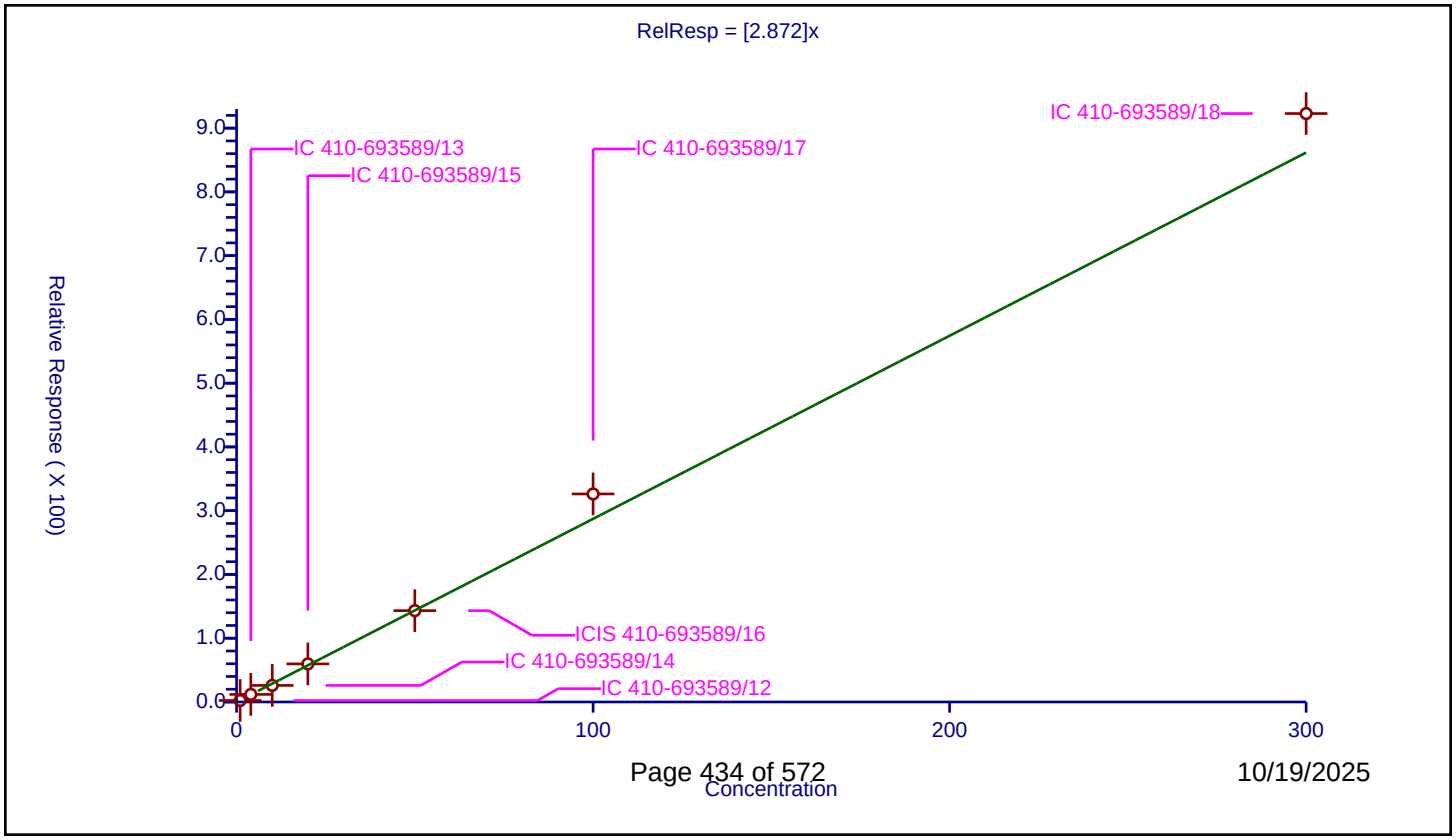
Curve Coefficients

Intercept:	0
Slope:	2.872

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	2.335009	50.0	397900.0	2.335009	Y
2	IC 410-693589/13	4.0	11.917387	50.0	398292.0	2.979347	Y
3	IC 410-693589/14	10.0	25.980088	50.0	404479.0	2.598009	Y
4	IC 410-693589/15	20.0	59.744287	50.0	418281.0	2.987214	Y
5	ICIS 410-693589/16	50.0	143.269171	50.0	417118.0	2.865383	Y
6	IC 410-693589/17	100.0	326.282079	50.0	436849.0	3.262821	Y
7	IC 410-693589/18	300.0	922.879724	50.0	478393.0	3.076266	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

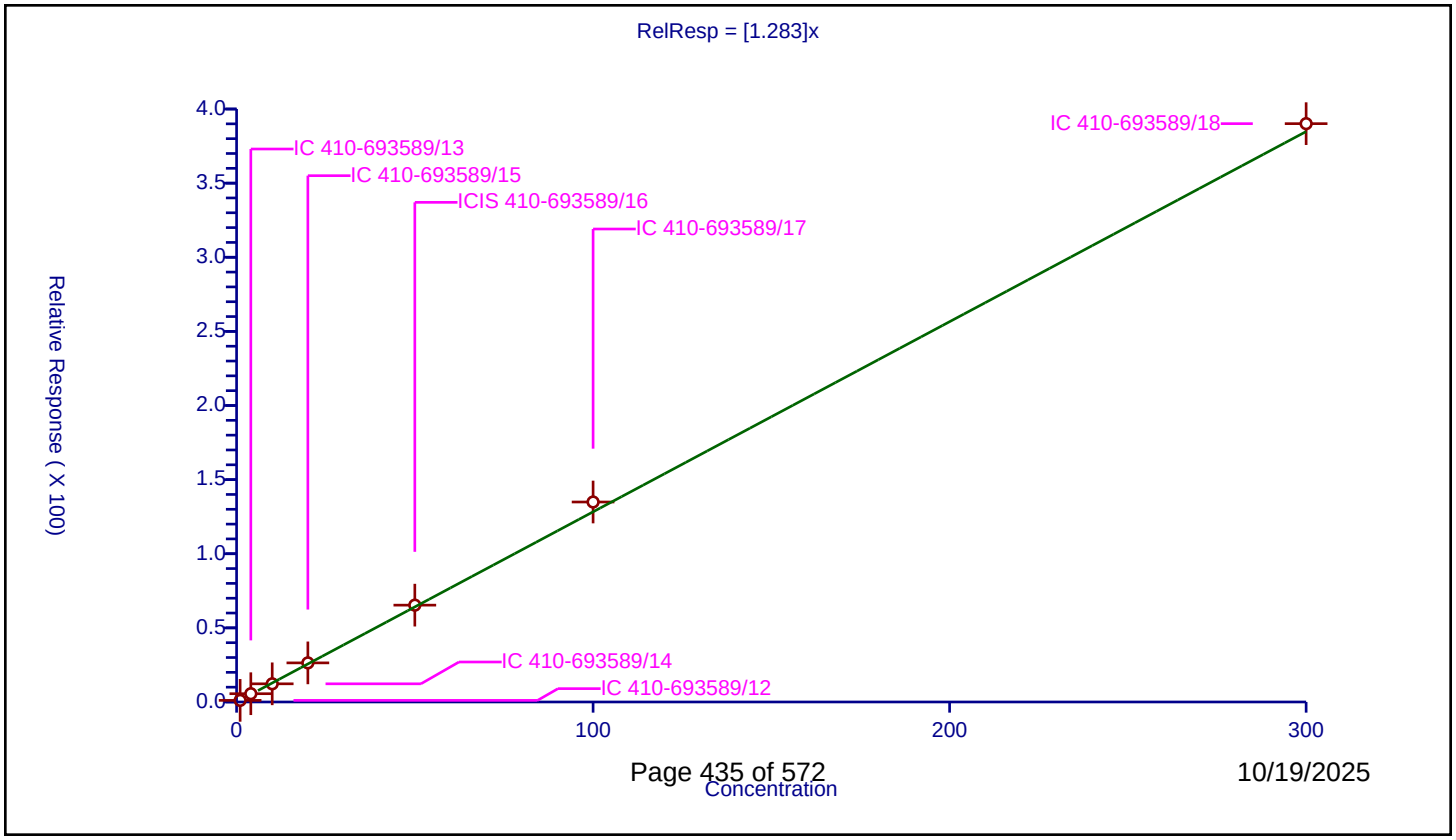
Curve Coefficients

Intercept:	0
Slope:	1.283

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	1.082307	50.0	397900.0	1.082307	Y
2	IC 410-693589/13	4.0	5.586354	50.0	398292.0	1.396588	Y
3	IC 410-693589/14	10.0	12.25181	50.0	404479.0	1.225181	Y
4	IC 410-693589/15	20.0	26.374375	50.0	418281.0	1.318719	Y
5	ICIS 410-693589/16	50.0	65.320125	50.0	417118.0	1.306403	Y
6	IC 410-693589/17	100.0	134.898672	50.0	436849.0	1.348987	Y
7	IC 410-693589/18	300.0	390.118689	50.0	478393.0	1.300396	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

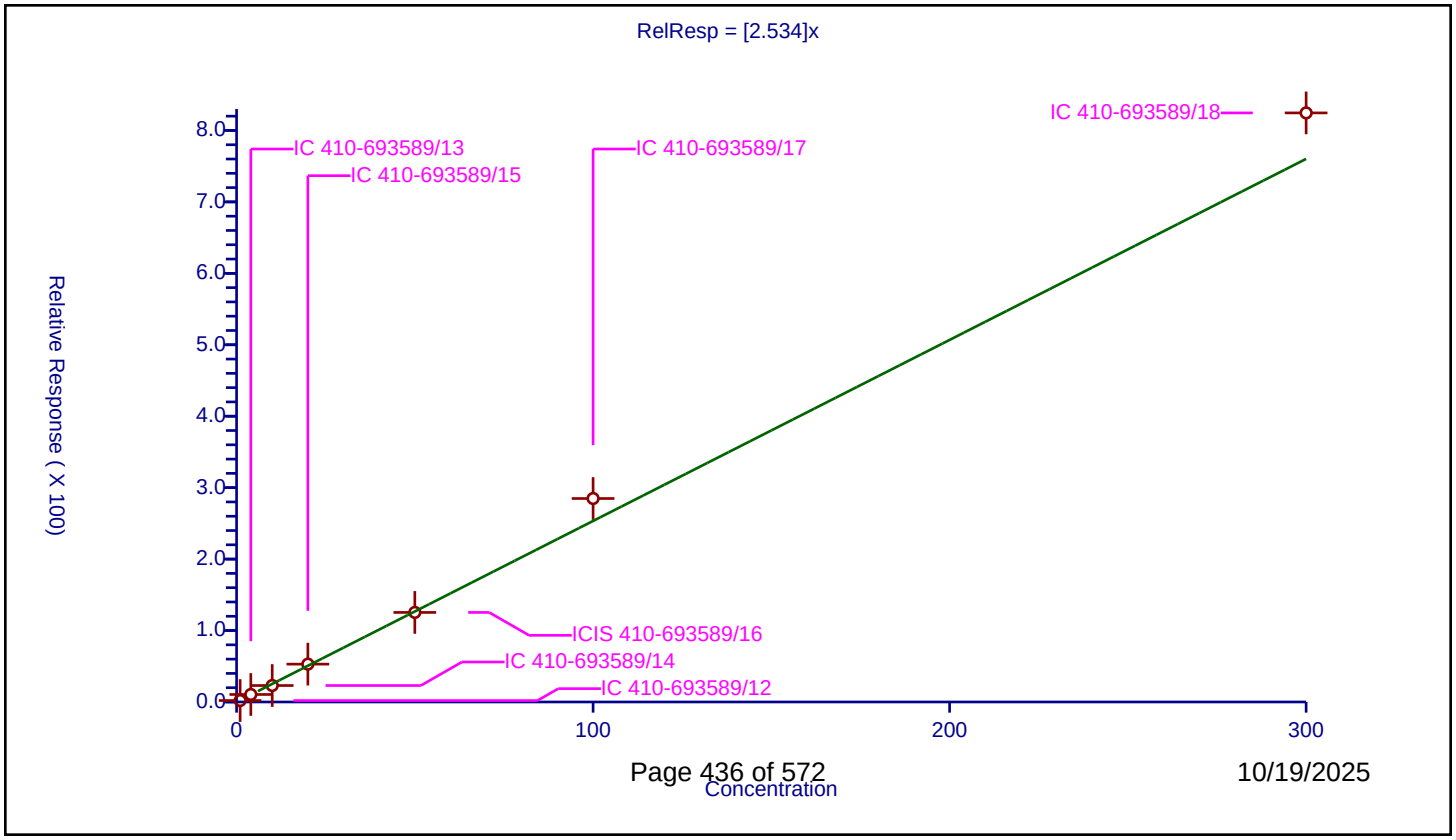
Curve Coefficients

Intercept:	0
Slope:	2.534

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	2.046368	50.0	397900.0	2.046368	Y
2	IC 410-693589/13	4.0	10.521929	50.0	398292.0	2.630482	Y
3	IC 410-693589/14	10.0	23.066834	50.0	404479.0	2.306683	Y
4	IC 410-693589/15	20.0	53.002049	50.0	418281.0	2.650102	Y
5	ICIS 410-693589/16	50.0	125.366923	50.0	417118.0	2.507338	Y
6	IC 410-693589/17	100.0	284.833547	50.0	436849.0	2.848335	Y
7	IC 410-693589/18	300.0	824.56171	50.0	478393.0	2.748539	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

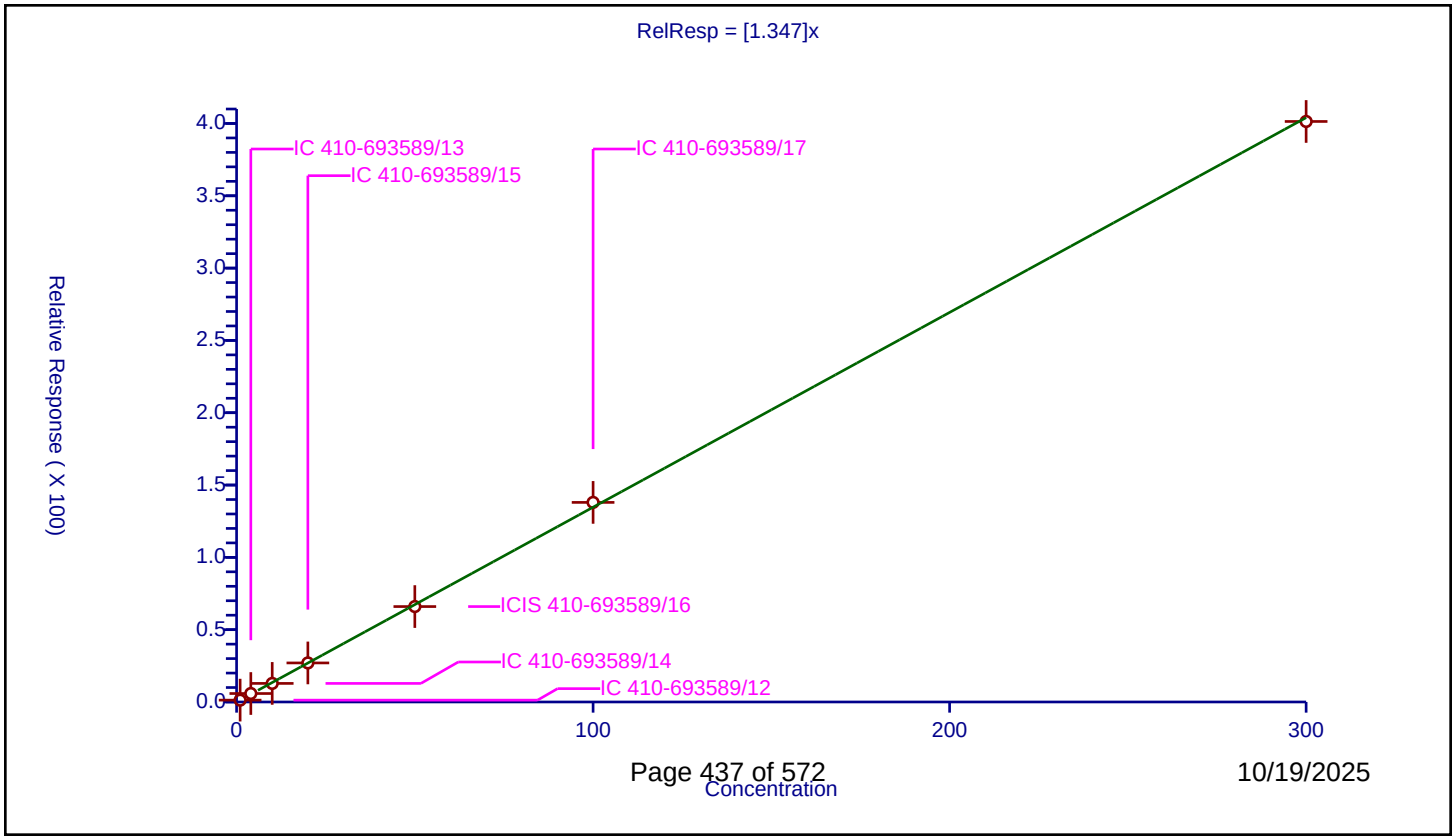
Curve Coefficients

Intercept:	0
Slope:	1.347

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	1.290274	50.0	397900.0	1.290274	Y
2	IC 410-693589/13	4.0	5.855252	50.0	398292.0	1.463813	Y
3	IC 410-693589/14	10.0	12.850482	50.0	404479.0	1.285048	Y
4	IC 410-693589/15	20.0	27.009594	50.0	418281.0	1.35048	Y
5	ICIS 410-693589/16	50.0	65.982767	50.0	417118.0	1.319655	Y
6	IC 410-693589/17	100.0	137.996653	50.0	436849.0	1.379967	Y
7	IC 410-693589/18	300.0	401.390802	50.0	478393.0	1.337969	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

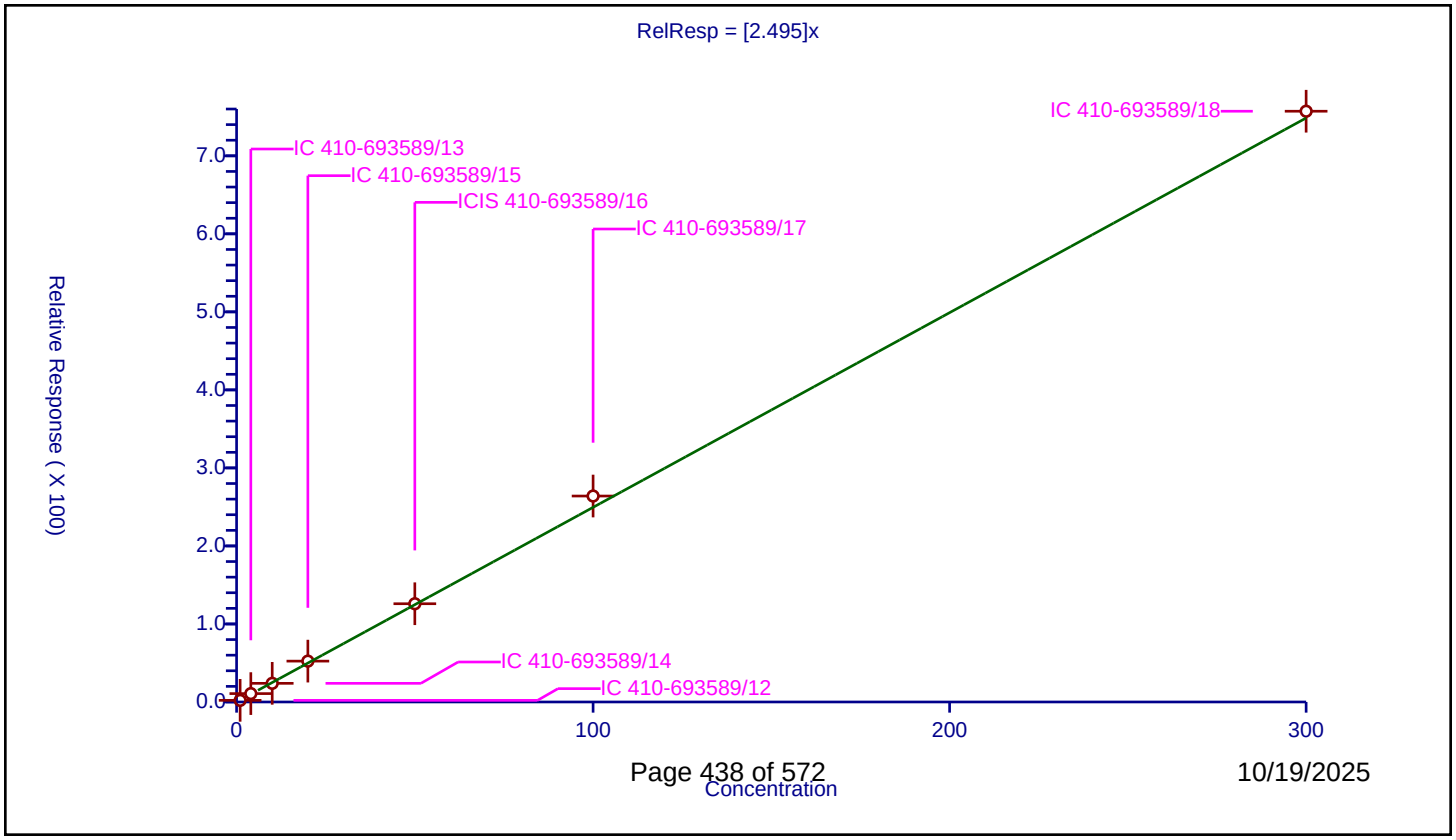
Curve Coefficients

Intercept:	0
Slope:	2.495

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	2.084695	50.0	397900.0	2.084695	Y
2	IC 410-693589/13	4.0	10.748396	50.0	398292.0	2.687099	Y
3	IC 410-693589/14	10.0	23.916569	50.0	404479.0	2.391657	Y
4	IC 410-693589/15	20.0	52.39265	50.0	418281.0	2.619632	Y
5	ICIS 410-693589/16	50.0	125.91377	50.0	417118.0	2.518275	Y
6	IC 410-693589/17	100.0	263.966954	50.0	436849.0	2.63967	Y
7	IC 410-693589/18	300.0	757.16921	50.0	478393.0	2.523897	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

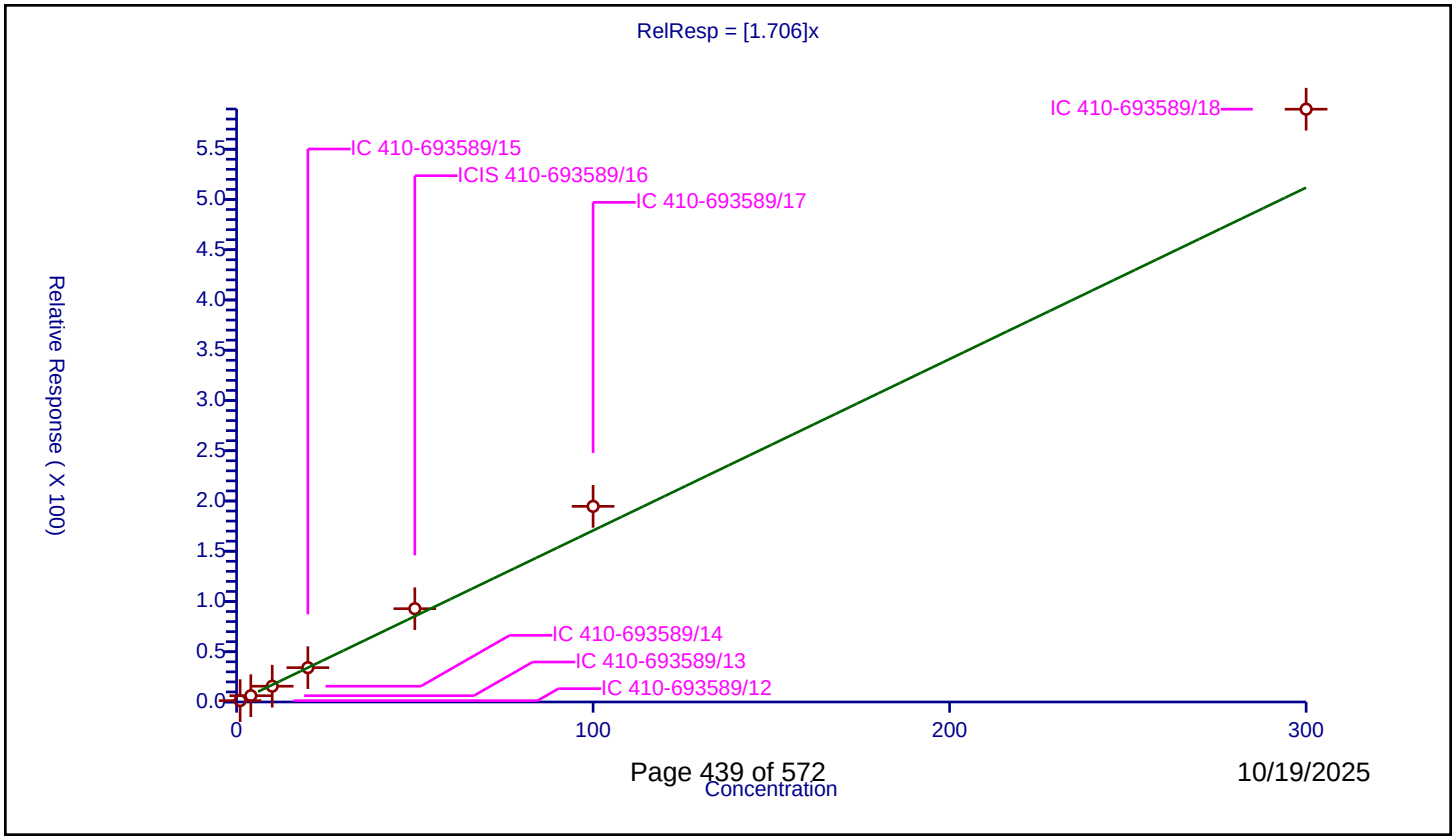
Curve Coefficients

Intercept:	0
Slope:	1.706

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	1.33237	50.0	397900.0	1.33237	Y
2	IC 410-693589/13	4.0	6.252699	50.0	398292.0	1.563175	Y
3	IC 410-693589/14	10.0	15.696983	50.0	404479.0	1.569698	Y
4	IC 410-693589/15	20.0	34.150726	50.0	418281.0	1.707536	Y
5	ICIS 410-693589/16	50.0	92.832244	50.0	417118.0	1.856645	Y
6	IC 410-693589/17	100.0	194.646777	50.0	436849.0	1.946468	Y
7	IC 410-693589/18	300.0	589.821339	50.0	478393.0	1.966071	Y



Calibration / 1,3-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

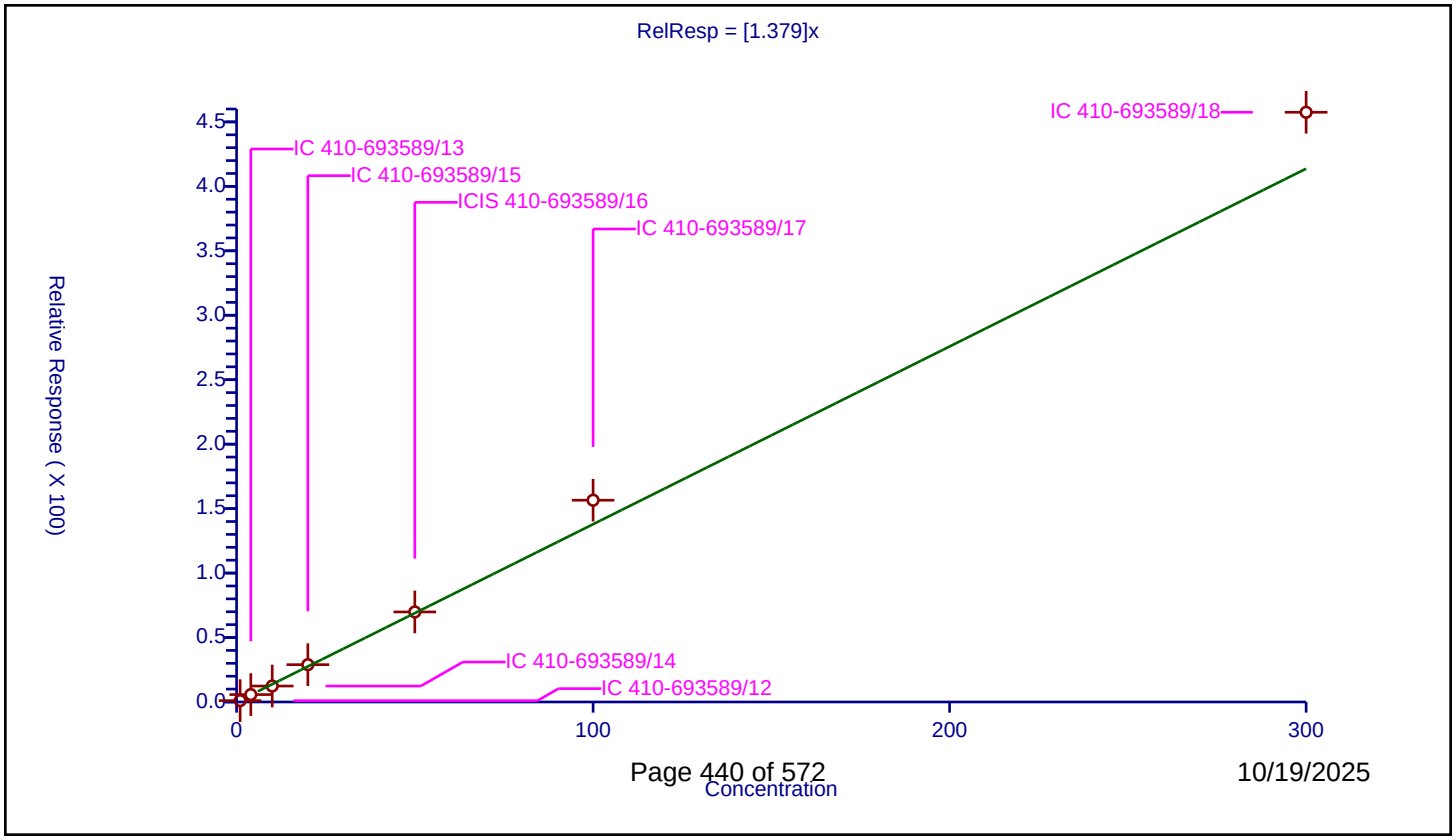
Curve Coefficients

Intercept:	0
Slope:	1.379

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	1.043353	50.0	397900.0	1.043353	Y
2	IC 410-693589/13	4.0	5.750429	50.0	398292.0	1.437607	Y
3	IC 410-693589/14	10.0	12.3711	50.0	404479.0	1.23711	Y
4	IC 410-693589/15	20.0	28.951351	50.0	418281.0	1.447568	Y
5	ICIS 410-693589/16	50.0	69.850498	50.0	417118.0	1.39701	Y
6	IC 410-693589/17	100.0	156.532349	50.0	436849.0	1.565323	Y
7	IC 410-693589/18	300.0	457.477221	50.0	478393.0	1.524924	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

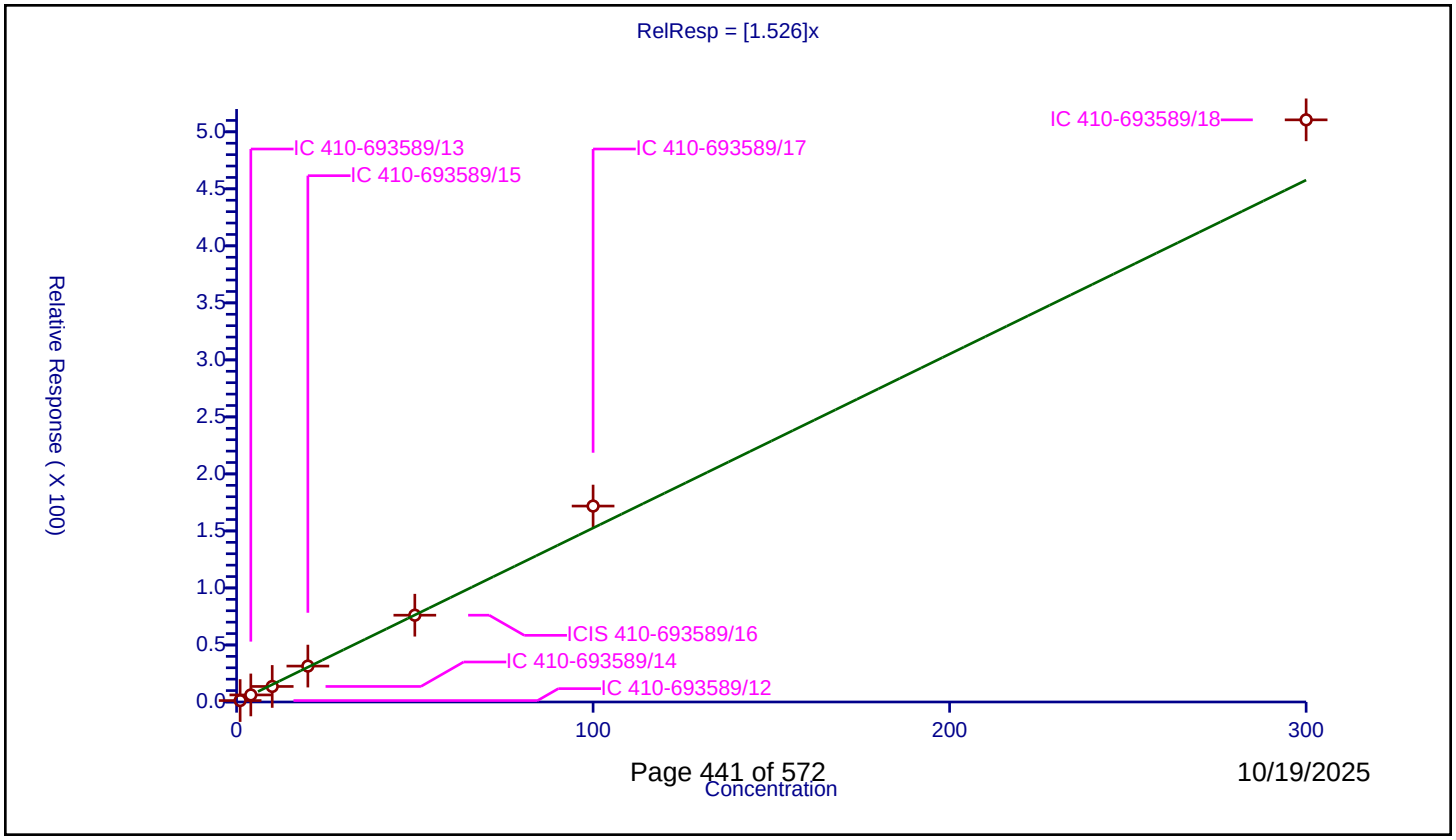
Curve Coefficients

Intercept:	0
Slope:	1.526

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	1.252827	50.0	397900.0	1.252827	Y
2	IC 410-693589/13	4.0	6.193823	50.0	398292.0	1.548456	Y
3	IC 410-693589/14	10.0	13.61863	50.0	404479.0	1.361863	Y
4	IC 410-693589/15	20.0	31.476806	50.0	418281.0	1.57384	Y
5	ICIS 410-693589/16	50.0	76.106641	50.0	417118.0	1.522133	Y
6	IC 410-693589/17	100.0	171.82024	50.0	436849.0	1.718202	Y
7	IC 410-693589/18	300.0	510.508933	50.0	478393.0	1.701696	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

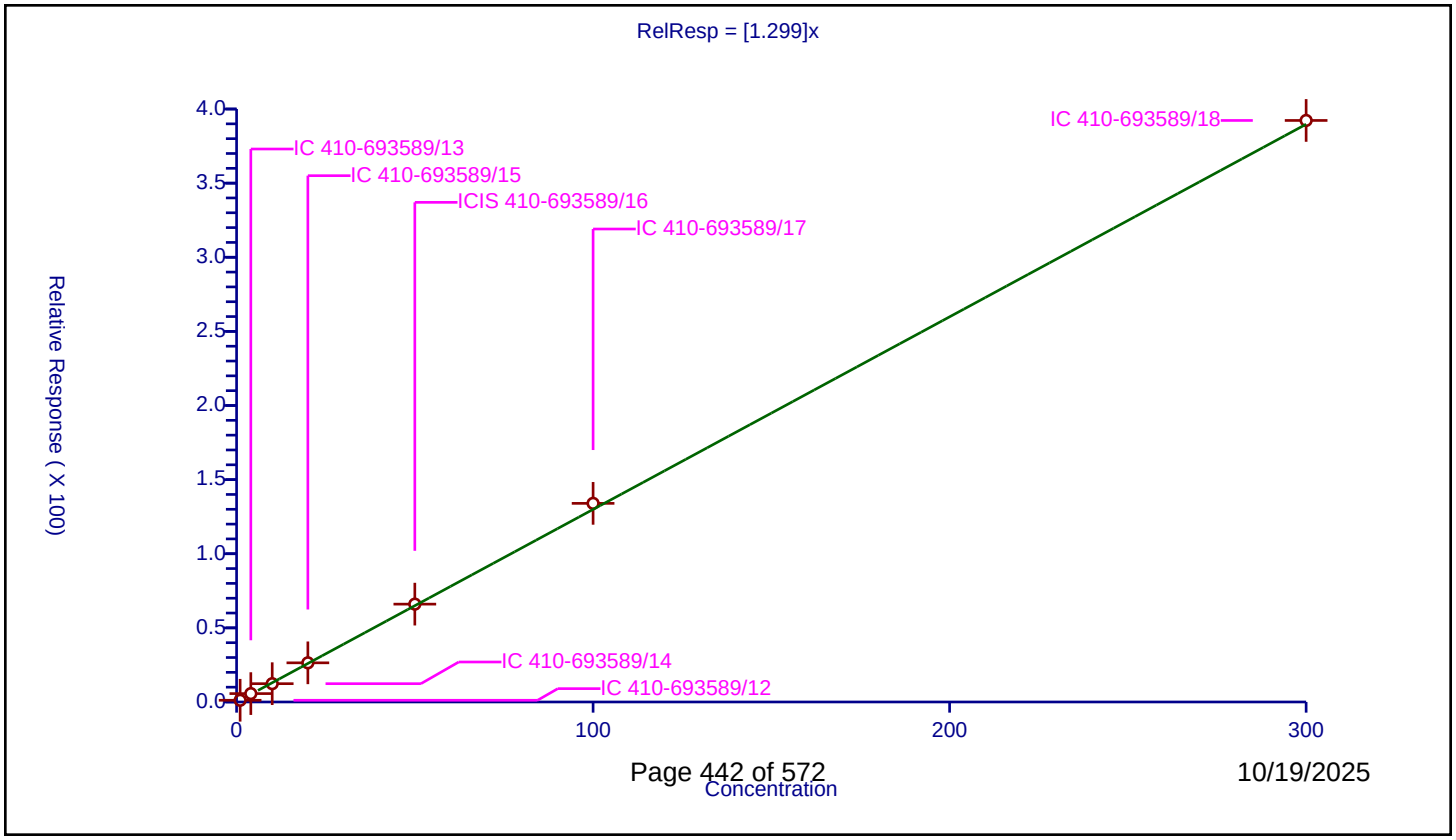
Curve Coefficients

Intercept:	0
Slope:	1.299

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	1.154687	50.0	397900.0	1.154687	Y
2	IC 410-693589/13	4.0	5.662931	50.0	398292.0	1.415733	Y
3	IC 410-693589/14	10.0	12.348602	50.0	404479.0	1.23486	Y
4	IC 410-693589/15	20.0	26.412268	50.0	418281.0	1.320613	Y
5	ICIS 410-693589/16	50.0	66.010697	50.0	417118.0	1.320214	Y
6	IC 410-693589/17	100.0	133.988289	50.0	436849.0	1.339883	Y
7	IC 410-693589/18	300.0	392.283123	50.0	478393.0	1.30761	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

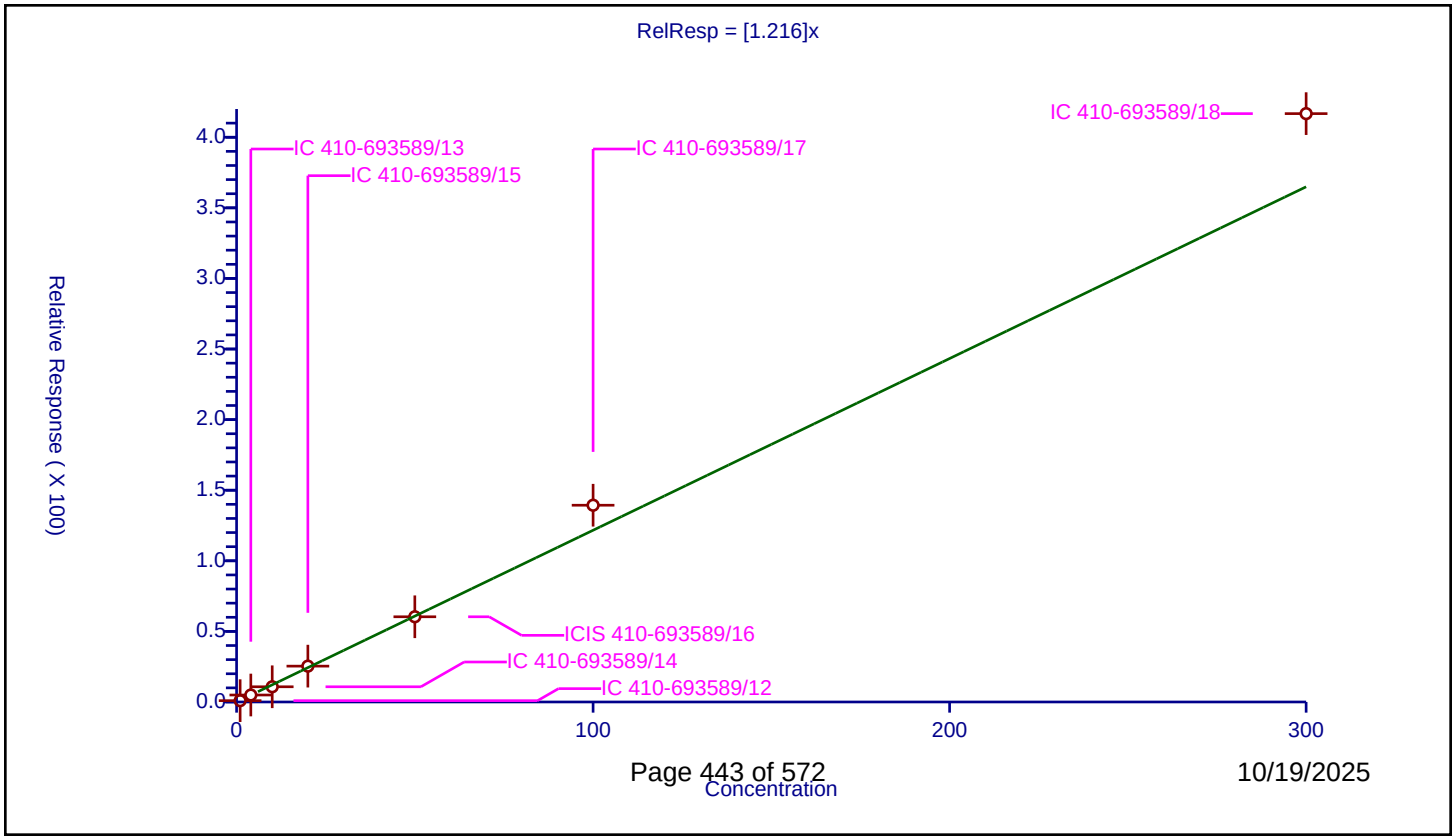
Curve Coefficients

Intercept:	0
Slope:	1.216

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.94094	50.0	397900.0	0.94094	Y
2	IC 410-693589/13	4.0	4.947375	50.0	398292.0	1.236844	Y
3	IC 410-693589/14	10.0	10.767803	50.0	404479.0	1.07678	Y
4	IC 410-693589/15	20.0	25.394531	50.0	418281.0	1.269727	Y
5	ICIS 410-693589/16	50.0	60.360018	50.0	417118.0	1.2072	Y
6	IC 410-693589/17	100.0	139.364632	50.0	436849.0	1.393646	Y
7	IC 410-693589/18	300.0	416.736344	50.0	478393.0	1.389121	Y



Calibration / o-diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

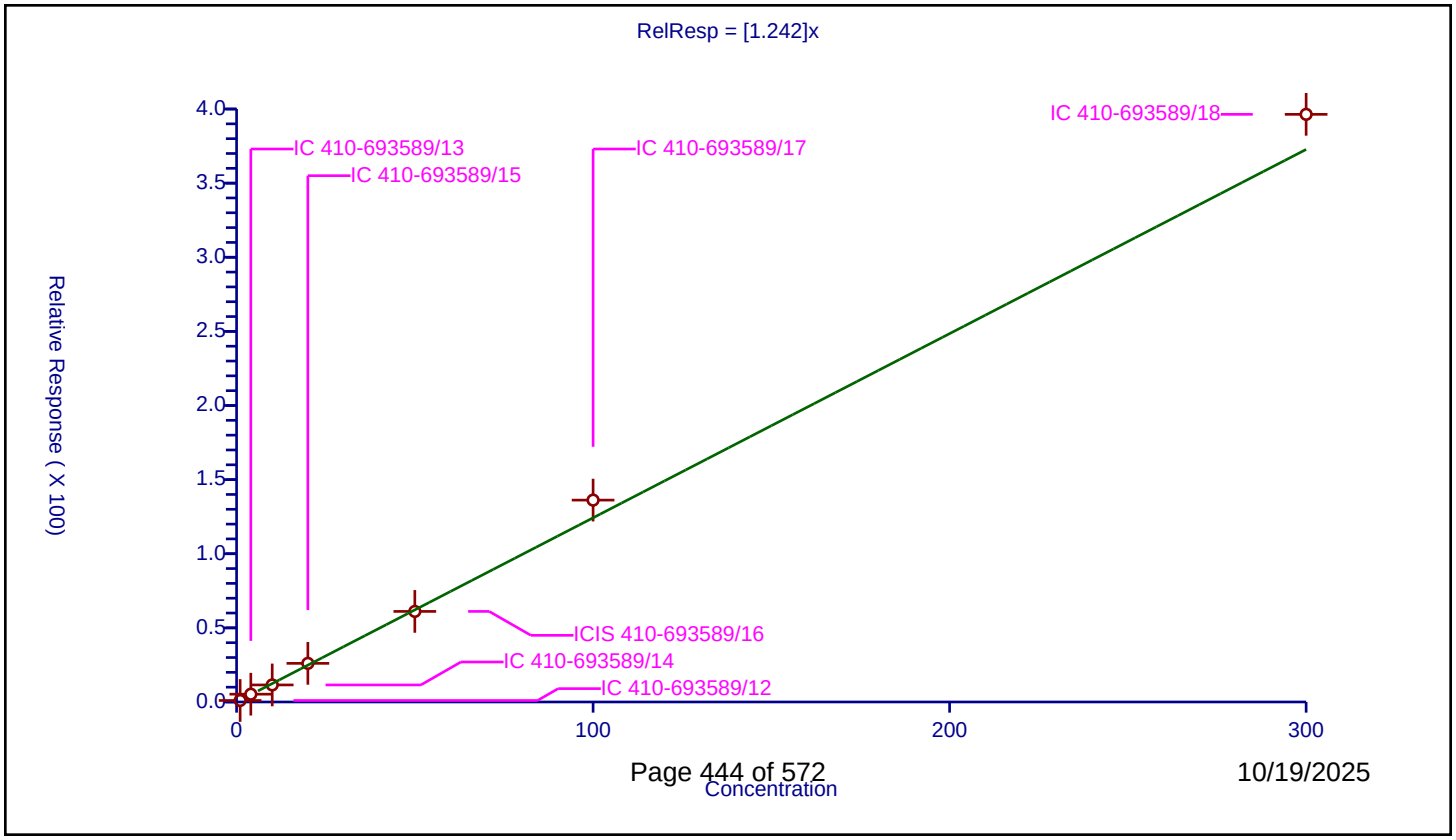
Curve Coefficients

Intercept:	0
Slope:	1.242

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	1.021865	50.0	397900.0	1.021865	Y
2	IC 410-693589/13	4.0	5.265233	50.0	398292.0	1.316308	Y
3	IC 410-693589/14	10.0	11.509745	50.0	404479.0	1.150974	Y
4	IC 410-693589/15	20.0	26.052582	50.0	418281.0	1.302629	Y
5	ICIS 410-693589/16	50.0	61.10621	50.0	417118.0	1.222124	Y
6	IC 410-693589/17	100.0	136.174857	50.0	436849.0	1.361749	Y
7	IC 410-693589/18	300.0	396.393655	50.0	478393.0	1.321312	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

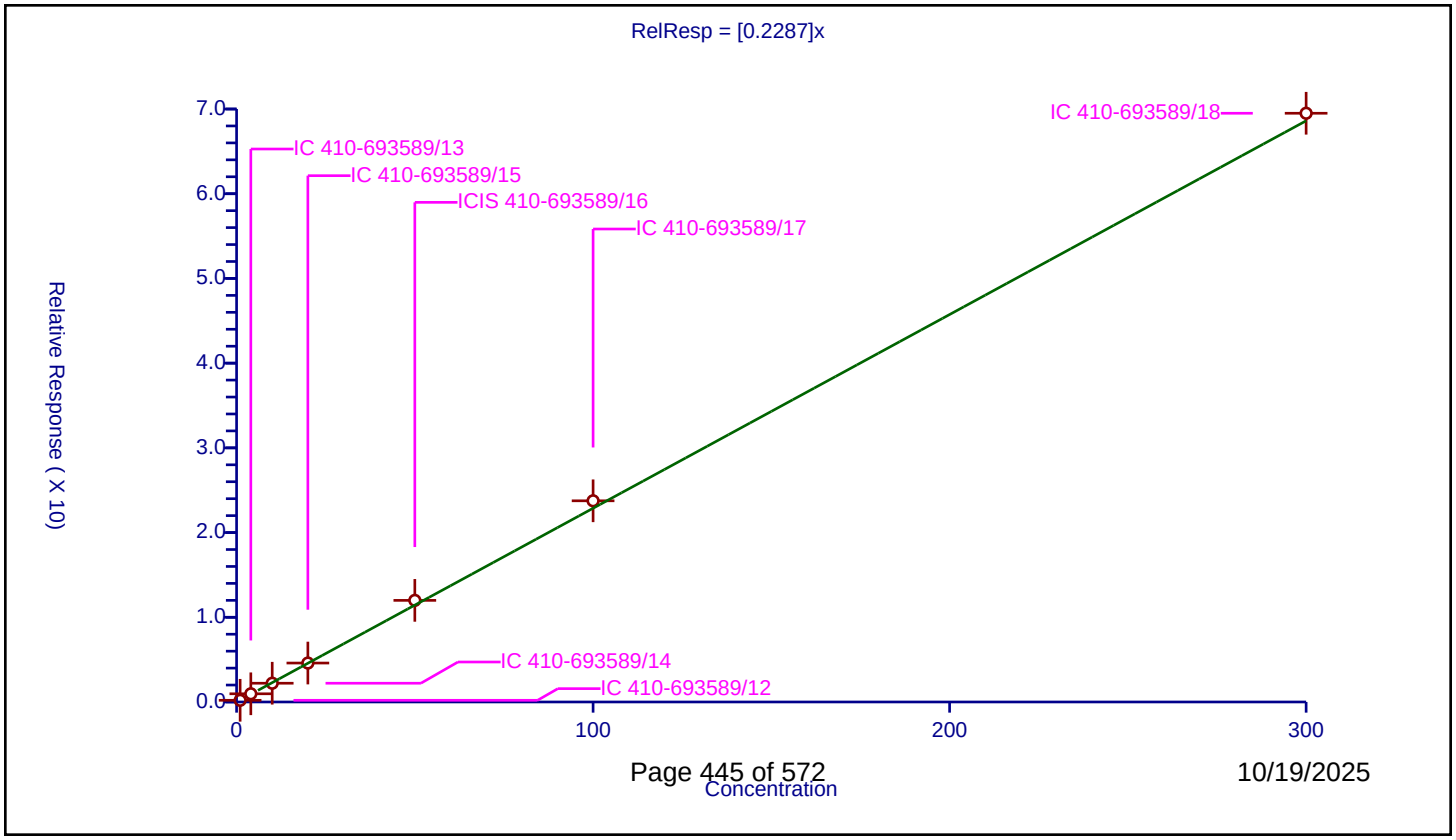
Curve Coefficients

Intercept:	0
Slope:	0.2287

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.199045	50.0	397900.0	0.199045	Y
2	IC 410-693589/13	4.0	0.966502	50.0	398292.0	0.241625	Y
3	IC 410-693589/14	10.0	2.213217	50.0	404479.0	0.221322	Y
4	IC 410-693589/15	20.0	4.596551	50.0	418281.0	0.229828	Y
5	ICIS 410-693589/16	50.0	11.995047	50.0	417118.0	0.239901	Y
6	IC 410-693589/17	100.0	23.748481	50.0	436849.0	0.237485	Y
7	IC 410-693589/18	300.0	69.499031	50.0	478393.0	0.231663	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

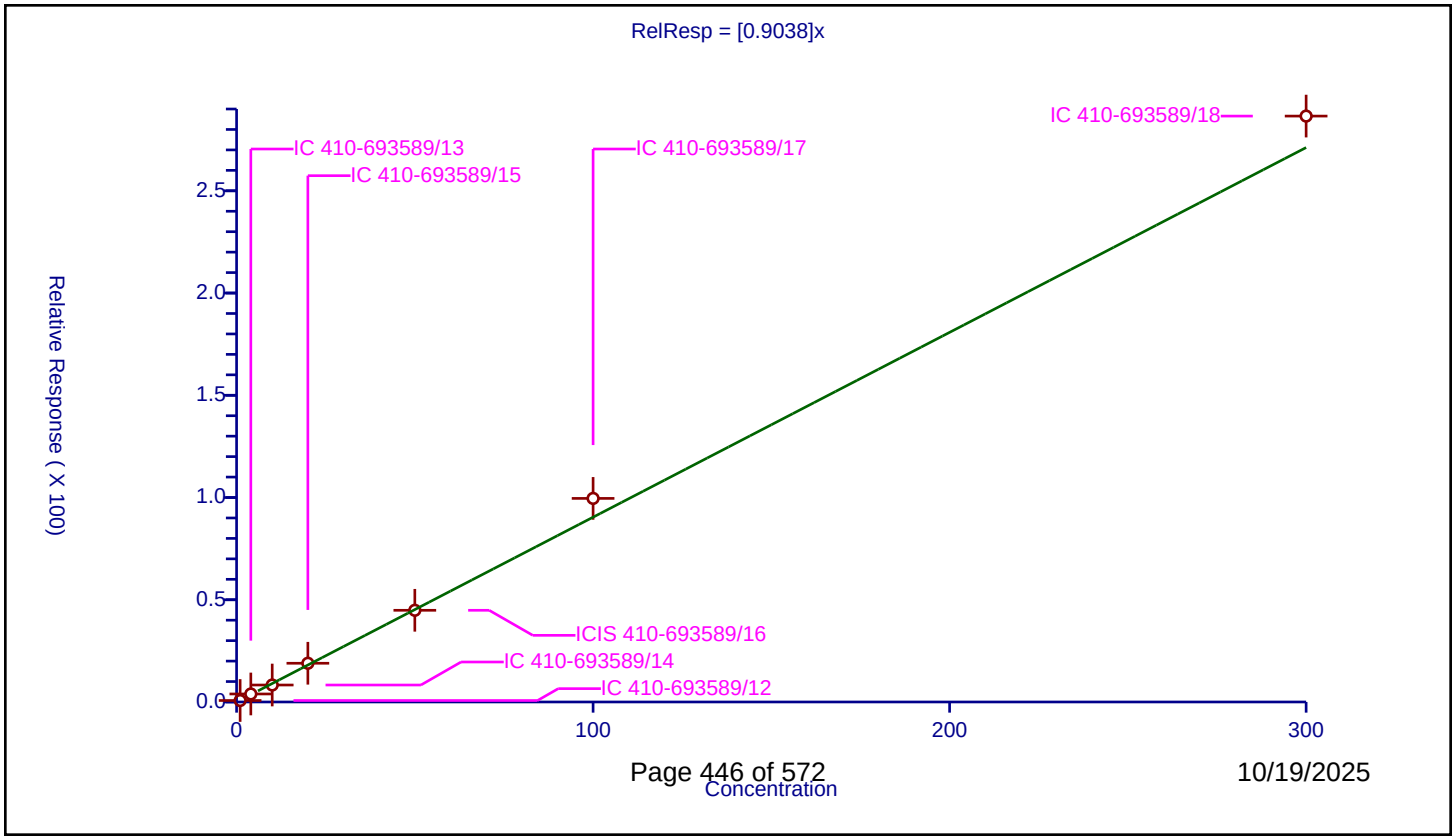
Curve Coefficients

Intercept:	0
Slope:	0.9038

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.721287	50.0	397900.0	0.721287	Y
2	IC 410-693589/13	4.0	3.924382	50.0	398292.0	0.981096	Y
3	IC 410-693589/14	10.0	8.300431	50.0	404479.0	0.830043	Y
4	IC 410-693589/15	20.0	18.936911	50.0	418281.0	0.946846	Y
5	ICIS 410-693589/16	50.0	44.838751	50.0	417118.0	0.896775	Y
6	IC 410-693589/17	100.0	99.562206	50.0	436849.0	0.995622	Y
7	IC 410-693589/18	300.0	286.544431	50.0	478393.0	0.955148	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

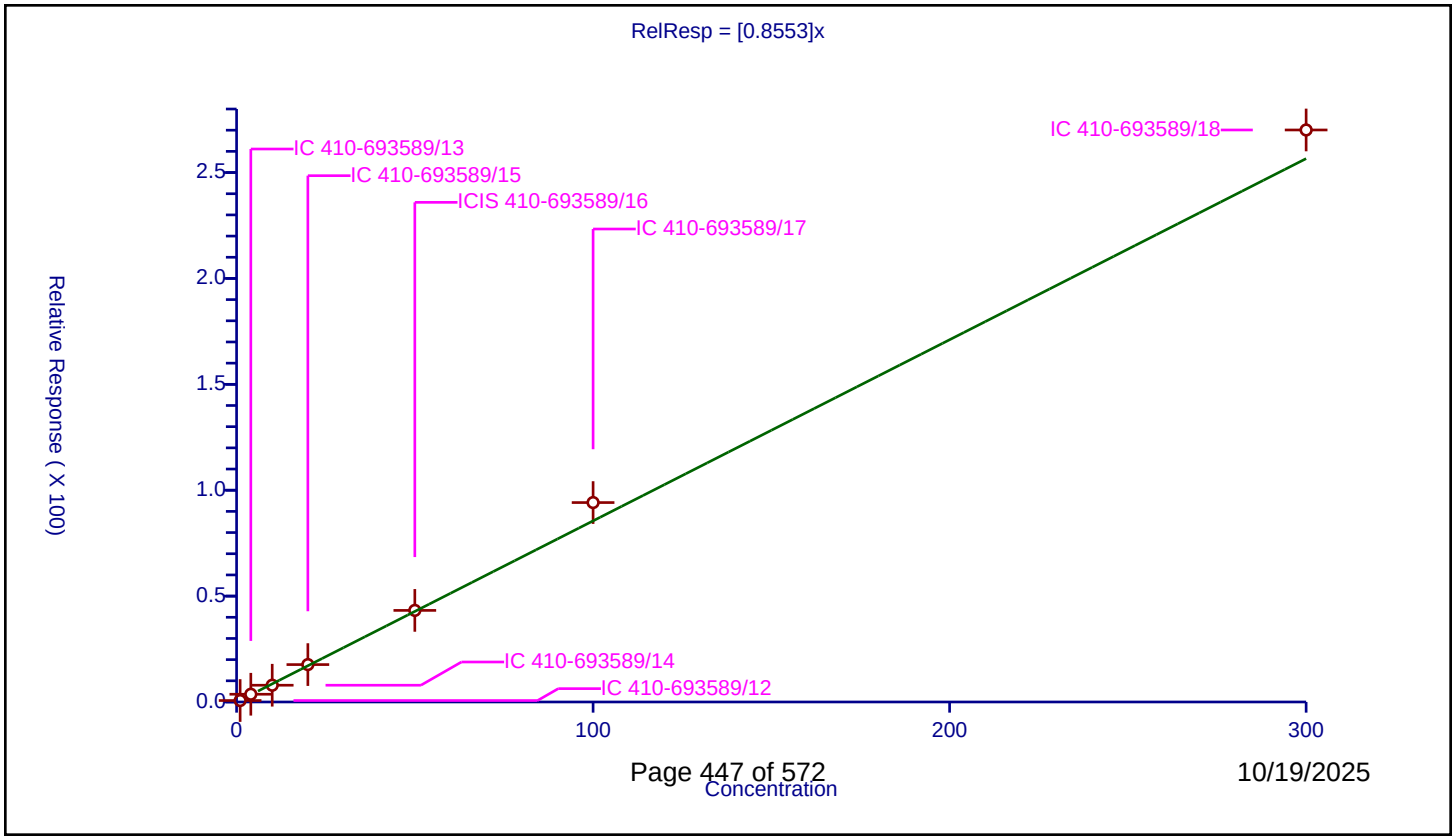
Curve Coefficients

Intercept:	0
Slope:	0.8553

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.689495	50.0	397900.0	0.689495	Y
2	IC 410-693589/13	4.0	3.661635	50.0	398292.0	0.915409	Y
3	IC 410-693589/14	10.0	7.918334	50.0	404479.0	0.791833	Y
4	IC 410-693589/15	20.0	17.659659	50.0	418281.0	0.882983	Y
5	ICIS 410-693589/16	50.0	43.248433	50.0	417118.0	0.864969	Y
6	IC 410-693589/17	100.0	94.17167	50.0	436849.0	0.941717	Y
7	IC 410-693589/18	300.0	270.106377	50.0	478393.0	0.900355	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

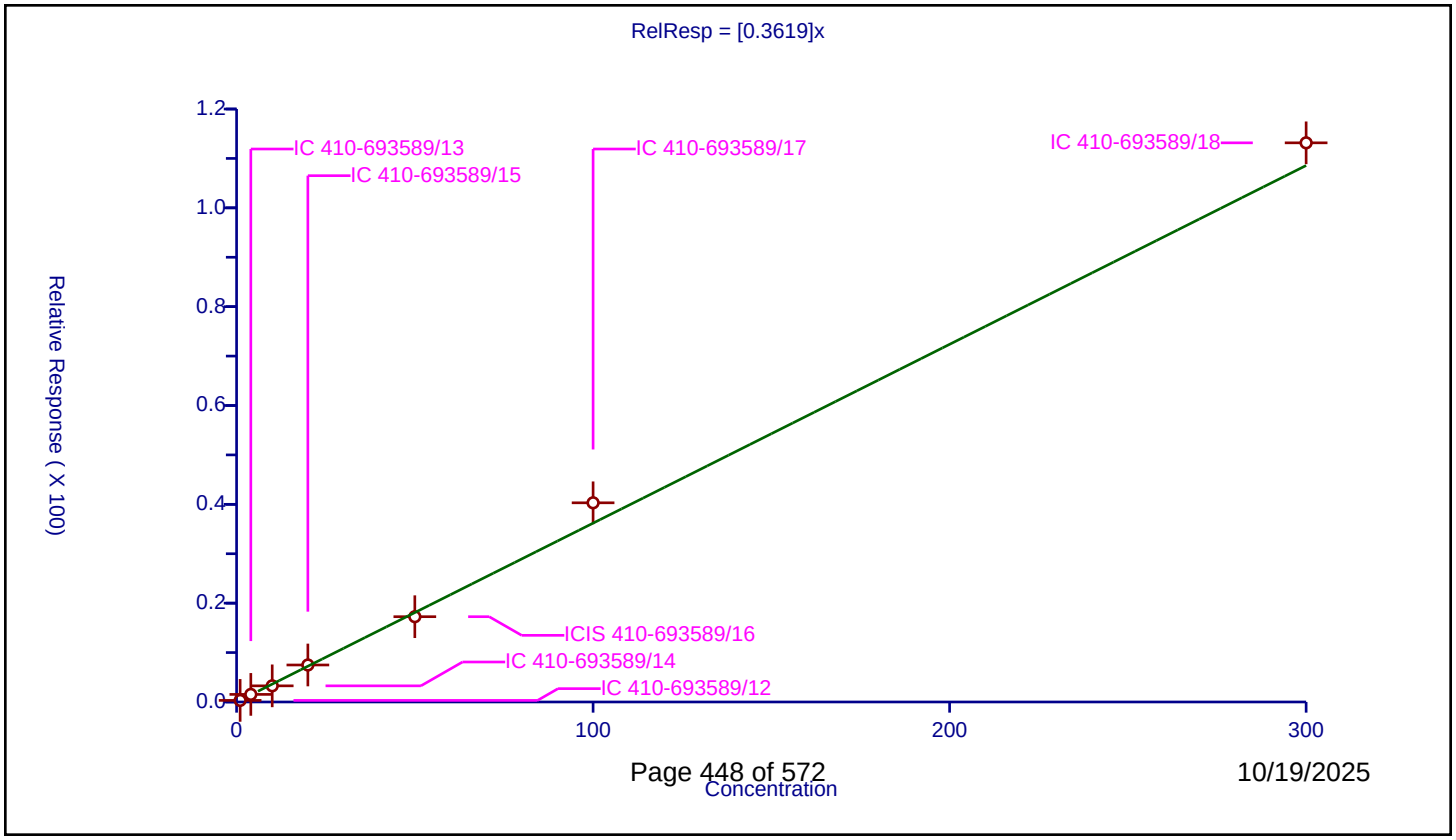
Curve Coefficients

Intercept:	0
Slope:	0.3619

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.322066	50.0	397900.0	0.322066	Y
2	IC 410-693589/13	4.0	1.537816	50.0	398292.0	0.384454	Y
3	IC 410-693589/14	10.0	3.269144	50.0	404479.0	0.326914	Y
4	IC 410-693589/15	20.0	7.48767	50.0	418281.0	0.374383	Y
5	ICIS 410-693589/16	50.0	17.259624	50.0	417118.0	0.345192	Y
6	IC 410-693589/17	100.0	40.30752	50.0	436849.0	0.403075	Y
7	IC 410-693589/18	300.0	113.15477	50.0	478393.0	0.377183	Y



Calibration / 2-Ethylhexyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

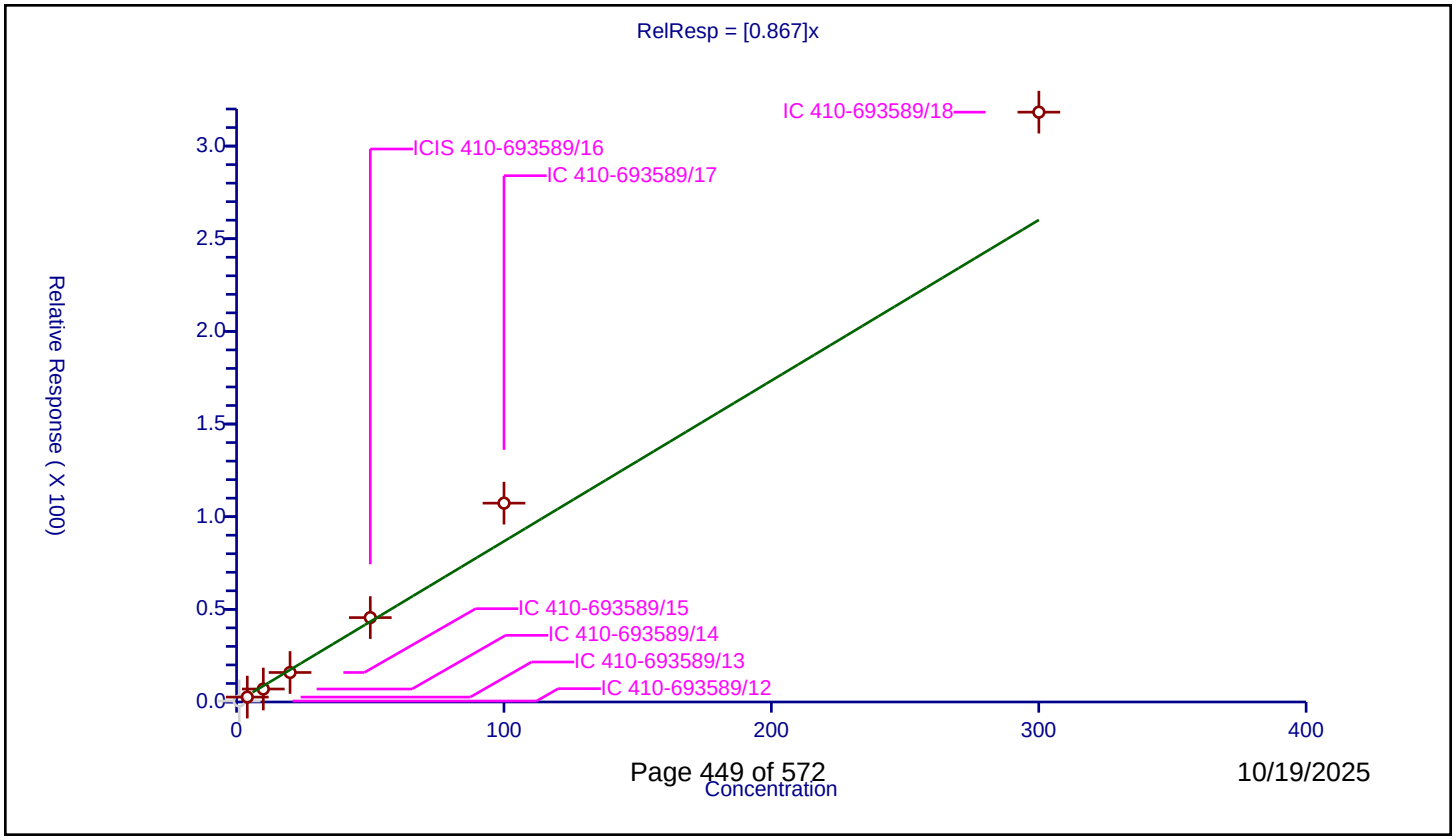
Curve Coefficients

Intercept:	0
Slope:	0.867

Error Coefficients

Relative Standard Deviation:	20.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.000171	0.531792	50.0	397900.0	0.531701	N
2	IC 410-693589/13	4.000685	2.646551	50.0	398292.0	0.661524	Y
3	IC 410-693589/14	10.001712	7.004072	50.0	404479.0	0.700287	Y
4	IC 410-693589/15	20.003424	15.922311	50.0	418281.0	0.795979	Y
5	ICIS 410-693589/16	50.00856	45.535676	50.0	417118.0	0.910558	Y
6	IC 410-693589/17	100.01712	107.310879	50.0	436849.0	1.072925	Y
7	IC 410-693589/18	300.05136	318.305765	50.0	478393.0	1.060838	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

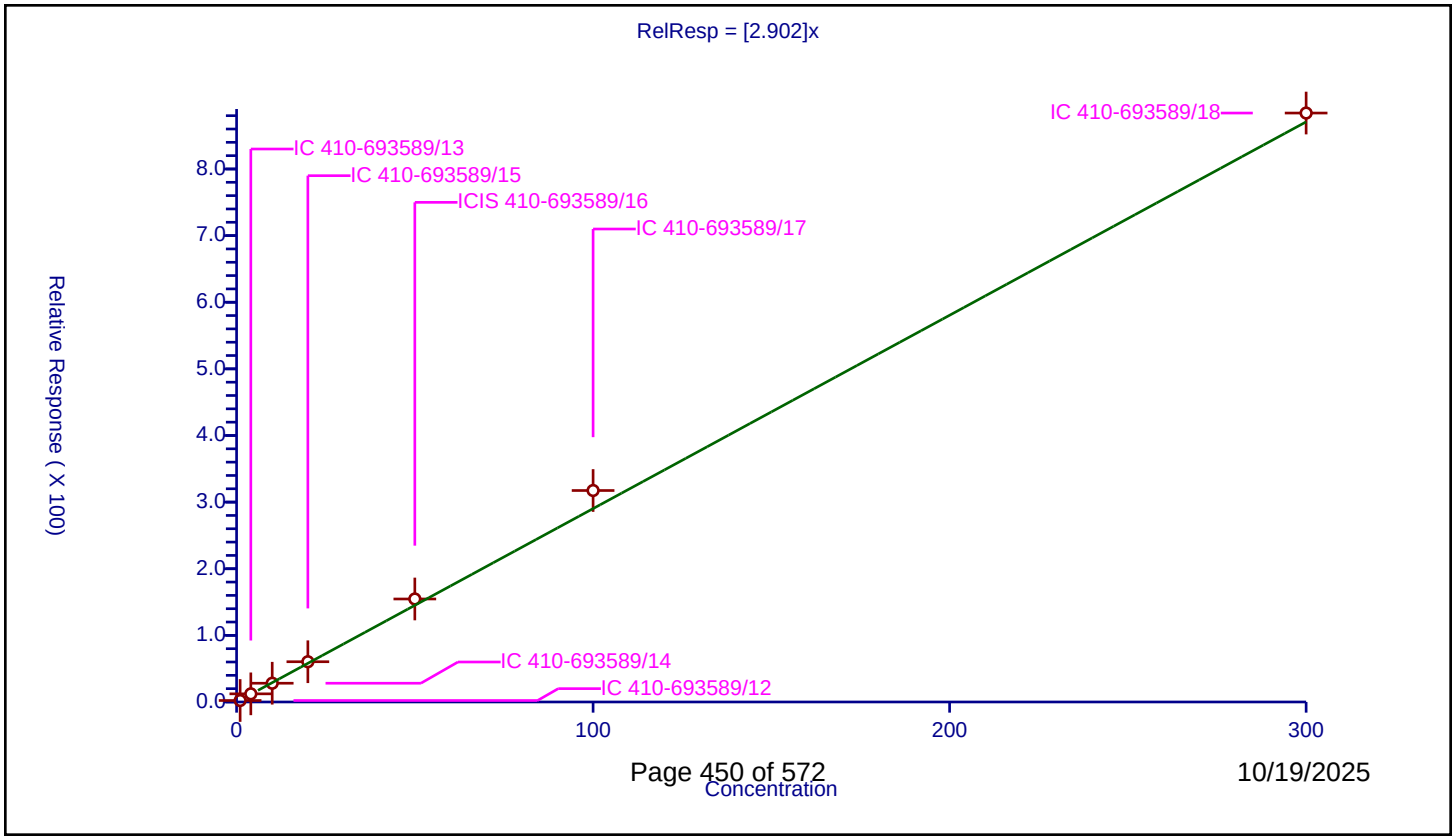
Curve Coefficients

Intercept:	0
Slope:	2.902

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	2.214627	50.0	397900.0	2.214627	Y
2	IC 410-693589/13	4.0	12.210639	50.0	398292.0	3.05266	Y
3	IC 410-693589/14	10.0	28.148927	50.0	404479.0	2.814893	Y
4	IC 410-693589/15	20.0	60.430189	50.0	418281.0	3.021509	Y
5	ICIS 410-693589/16	50.0	154.601096	50.0	417118.0	3.092022	Y
6	IC 410-693589/17	100.0	317.417346	50.0	436849.0	3.174173	Y
7	IC 410-693589/18	300.0	883.937788	50.0	478393.0	2.946459	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

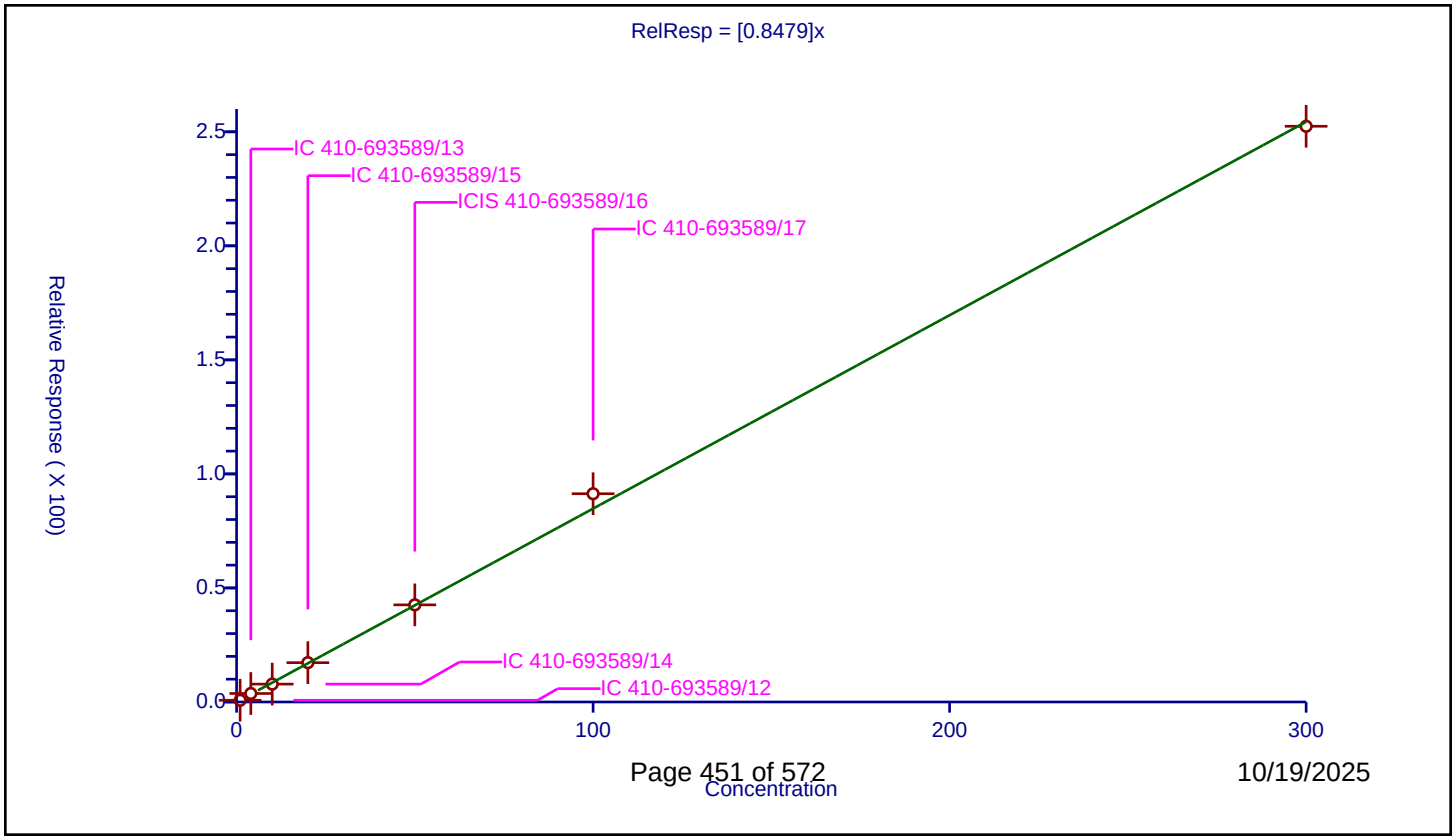
Curve Coefficients

Intercept:	0
Slope:	0.8479

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.751445	50.0	397900.0	0.751445	Y
2	IC 410-693589/13	4.0	3.727165	50.0	398292.0	0.931791	Y
3	IC 410-693589/14	10.0	7.835883	50.0	404479.0	0.783588	Y
4	IC 410-693589/15	20.0	17.240802	50.0	418281.0	0.86204	Y
5	ICIS 410-693589/16	50.0	42.593822	50.0	417118.0	0.851876	Y
6	IC 410-693589/17	100.0	91.315764	50.0	436849.0	0.913158	Y
7	IC 410-693589/18	300.0	252.429801	50.0	478393.0	0.841433	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

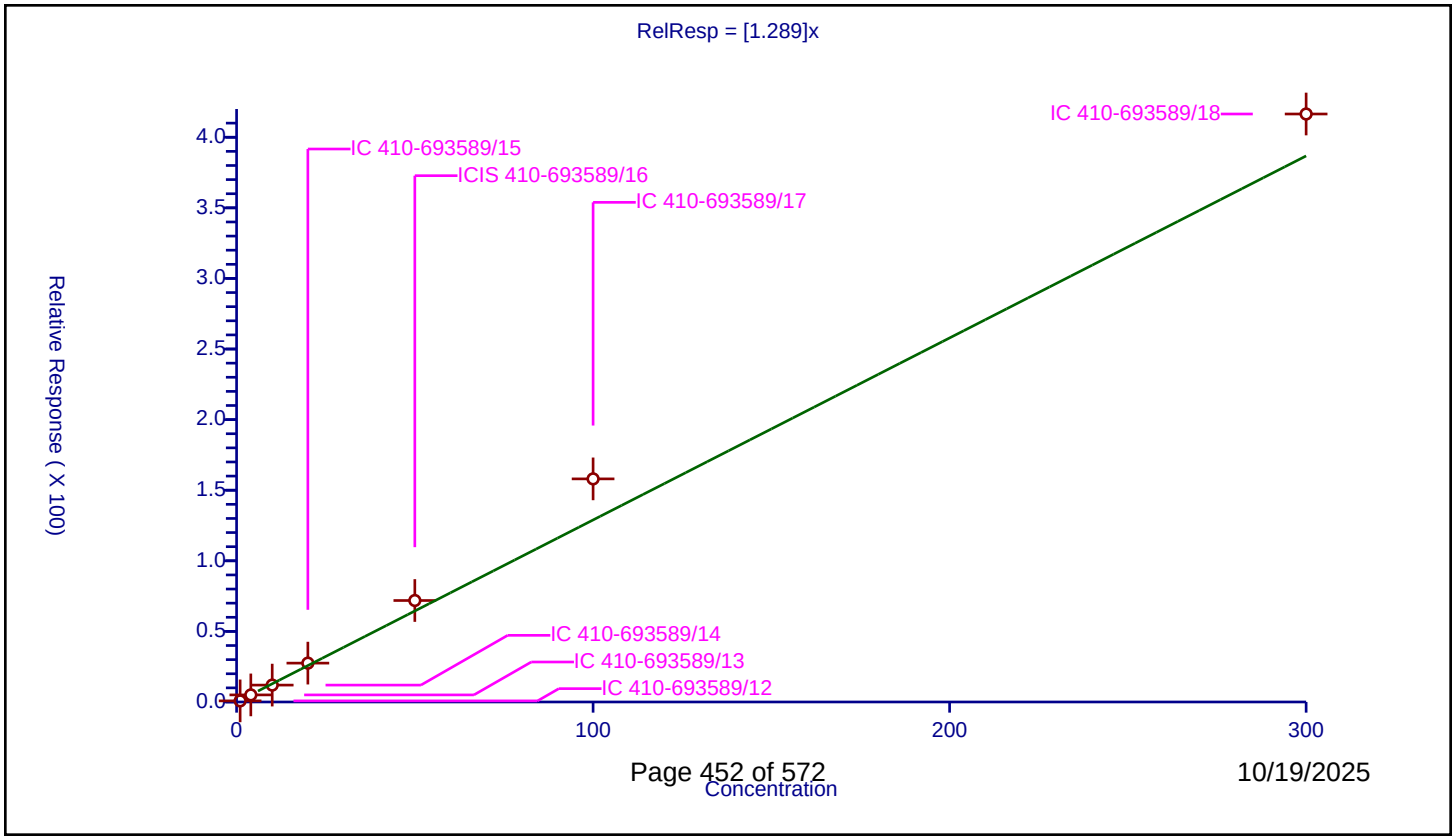
Curve Coefficients

Intercept:	0
Slope:	1.289

Error Coefficients

Relative Standard Deviation:	19.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-693589/12	1.0	0.791908	50.0	397900.0	0.791908	Y
2	IC 410-693589/13	4.0	5.016169	50.0	398292.0	1.254042	Y
3	IC 410-693589/14	10.0	11.966505	50.0	404479.0	1.196651	Y
4	IC 410-693589/15	20.0	27.524439	50.0	418281.0	1.376222	Y
5	ICIS 410-693589/16	50.0	71.875464	50.0	417118.0	1.437509	Y
6	IC 410-693589/17	100.0	158.018904	50.0	436849.0	1.580189	Y
7	IC 410-693589/18	300.0	416.47035	50.0	478393.0	1.388234	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Lab Sample ID: ICV 410-694491/1004 Calibration Date: 09/04/2025 09:47

Instrument ID: 15648 Calib Start Date: 09/03/2025 02:42

GC Column: DB-624 20m ID: 0.18(mm) Calib End Date: 09/03/2025 04:40

Lab File ID: -ES04X03-ICV.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	0.4249	0.2817	0.1000	13.3	20.0	-34.0*	30.0
Chloromethane	Ave	0.4432	0.3551	0.1000	16.0	20.0	-20.0	30.0
1,3-Butadiene	Ave	0.4081	0.3950		19.4	20.0	-3.0	30.0
Vinyl chloride	Ave	0.3941	0.3280	0.1000	16.6	20.0	-17.0	30.0
Bromomethane	Ave	0.2380	0.2149	0.1000	18.1	20.0	-10.0	30.0
Chloroethane	Ave	0.2241	0.2080	0.1000	18.6	20.0	-7.0	30.0
Dichlorofluoromethane	Ave	0.5373	0.5144		19.1	20.0	-4.0	30.0
n-Pentane	Ave	0.4859	0.4303		17.7	20.0	-11.0	30.0
Trichlorofluoromethane	Ave	0.4822	0.3873	0.1000	16.1	20.0	-20.0	30.0
Freon 123a	Ave	0.3178	0.2809		17.7	20.0	-12.0	30.0
Acrolein	Ave	2.217	1.880		124	146	-15.0	30.0
1,1-Dichloroethene	Ave	0.1991	0.2025	0.1000	20.3	20.0	2.0	30.0
Acetone	Ave	0.9595	0.7896	0.1000	206	250	-18.0	30.0
Freon 113	Ave	0.2210	0.1997	0.1000	18.1	20.0	-10.0	30.0
2-Propanol	Ave	0.6440	0.7663		179	150	19.0	30.0
Methyl iodide	Ave	0.3554	0.3111		17.5	20.0	-12.0	30.0
Carbon disulfide	Ave	0.5872	0.5002	0.1000	17.0	20.0	-15.0	30.0
Allyl chloride	Ave	0.4206	0.3815		18.1	20.0	-9.0	30.0
Methyl acetate	Ave	0.3003	0.2379	0.1000	15.8	20.0	-21.0	30.0
Methylene Chloride	Ave	0.2326	0.2187	0.1000	18.8	20.0	-6.0	30.0
t-Butyl alcohol	Ave	1.036	0.9769		189	200	-6.0	30.0
Acrylonitrile	Ave	0.1408	0.1256		89.3	100	-11.0	30.0
trans-1,2-Dichloroethene	Ave	0.2215	0.2171	0.1000	19.6	20.0	-2.0	30.0
Methyl tert-butyl ether	Ave	0.8235	0.6832	0.1000	16.6	20.0	-17.0	30.0
n-Hexane	Ave	0.3670	0.3332		18.2	20.0	-9.0	30.0
1,1-Dichloroethane	Ave	0.4527	0.4468	0.2000	19.7	20.0	-1.0	30.0
Isopropyl ether	Ave	0.8386	0.7315		17.4	20.0	-13.0	30.0
2-Chloro-1,3-butadiene	Ave	0.4288	0.3886		18.1	20.0	-9.0	30.0
Ethyl t-butyl ether	Ave	0.8015	0.6742		16.8	20.0	-16.0	30.0
cis-1,2-Dichloroethene	Ave	0.2450	0.2342	0.1000	19.1	20.0	-4.0	30.0
2-Butanone (MEK)	Ave	0.1950	0.1686	0.1000	216	250	-14.0	30.0
2,2-Dichloropropane	Ave	0.3826	0.3524		18.4	20.0	-8.0	30.0
Propionitrile	Ave	1.525	1.311		129	150	-14.0	30.0
Methacrylonitrile	Ave	0.1478	0.1338		136	150	-9.0	30.0
Bromochloromethane	Ave	0.1196	0.1095		18.3	20.0	-8.0	30.0
Tetrahydrofuran	Ave	1.289	1.059		82.1	100	-18.0	30.0
Chloroform	Ave	0.4199	0.3927	0.2000	18.7	20.0	-6.0	30.0
1,1,1-Trichloroethane	Ave	0.3708	0.3467	0.1000	18.7	20.0	-6.0	30.0
Cyclohexane	Ave	0.4465	0.4058	0.1000	18.2	20.0	-9.0	30.0
1,1-Dichloropropene	Ave	0.3500	0.3252		18.6	20.0	-7.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Lab Sample ID: ICV 410-694491/1004 Calibration Date: 09/04/2025 09:47

Instrument ID: 15648 Calib Start Date: 09/03/2025 02:42

GC Column: DB-624 20m ID: 0.18(mm) Calib End Date: 09/03/2025 04:40

Lab File ID: -ES04X03-ICV.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	0.3213	0.2938	0.1000	18.3	20.0	-9.0	30.0
Isobutyl alcohol	Ave	0.3718	0.3008		405	500	-19.0	30.0
Benzene	Ave	0.998	0.9305	0.5000	18.7	20.0	-7.0	30.0
1,2-Dichloroethane	Ave	0.3992	0.3527	0.1000	17.7	20.0	-12.0	30.0
t-Amyl methyl ether	Ave	0.7531	0.6419		17.0	20.0	-15.0	30.0
n-Heptane	Ave	0.3583	0.3390		18.9	20.0	-5.0	30.0
n-Butanol	Ave	0.2377	0.2263		952	1000	-5.0	30.0
Trichloroethene	Ave	0.2480	0.2338	0.2000	18.9	20.0	-6.0	30.0
Methylcyclohexane	Ave	0.4408	0.3963	0.1000	18.0	20.0	-10.0	30.0
1,2-Dichloropropane	Ave	0.2711	0.2475	0.1000	18.3	20.0	-9.0	30.0
t-Amyl ethyl ether	Ave	0.3769	0.3125		16.6	20.0	-17.0	30.0
Dibromomethane	Ave	0.1646	0.1480		18.0	20.0	-10.0	30.0
1,4-Dioxane	Ave	0.0800	0.0744	0.0050	465	500	-7.0	30.0
Methyl methacrylate	Ave	0.2329	0.1970		16.9	20.0	-15.0	30.0
Bromodichloromethane	Ave	0.3335	0.2965	0.2000	17.8	20.0	-11.0	30.0
2-Nitropropane	Ave	3.427	2.618		15.3	20.0	-24.0	30.0
2-Chloroethyl vinyl ether	Ave	0.2088	0.1786		17.1	20.0	-14.0	30.0
cis-1,3-Dichloropropene	Ave	0.4185	0.3481	0.2000	16.6	20.0	-17.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3911	0.3529	0.1000	226	250	-10.0	30.0
Toluene	Ave	0.8620	0.7992	0.4000	18.5	20.0	-7.0	30.0
trans-1,3-Dichloropropene	Ave	0.5420	0.4683	0.1000	17.3	20.0	-14.0	30.0
Ethyl methacrylate	Ave	0.5426	0.4486		16.5	20.0	-17.0	30.0
1,1,2-Trichloroethane	Ave	0.3207	0.2811	0.1000	17.5	20.0	-12.0	30.0
Tetrachloroethene	Ave	0.3405	0.3229	0.2000	19.0	20.0	-5.0	30.0
1,3-Dichloropropane	Ave	0.5804	0.5207		17.9	20.0	-10.0	30.0
2-Hexanone	Ave	0.3914	0.3608	0.1000	230	250	-8.0	30.0
Dibromochloromethane	Ave	0.3559	0.2973		16.7	20.0	-16.0	30.0
1,2-Dibromoethane (EDB)	Ave	0.3350	0.2850	0.1000	17.0	20.0	-15.0	30.0
Chlorobenzene	Ave	0.9338	0.8552	0.5000	18.3	20.0	-8.0	30.0
1-Chlorohexane	Ave	0.4337	0.4119		19.0	20.0	-5.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3104	0.2757		17.8	20.0	-11.0	30.0
Ethylbenzene	Ave	1.632	1.540	0.1000	18.9	20.0	-6.0	30.0
m&p-Xylene	Ave	0.6280	0.5871	0.1000	37.4	40.0	-7.0	30.0
o-Xylene	Ave	0.6109	0.5692	0.3000	18.6	20.0	-7.0	30.0
Styrene	Ave	1.039	0.9466	0.3000	18.2	20.0	-9.0	30.0
Bromoform	Ave	0.2603	0.2158	0.1000	16.6	20.0	-17.0	30.0
Isopropylbenzene	Ave	1.550	1.503	0.1000	19.4	20.0	-3.0	30.0
Bromobenzene	Ave	0.6931	0.6175		17.8	20.0	-11.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9542	0.8348	0.3000	17.5	20.0	-13.0	30.0
1,2,3-Trichloropropane	Ave	0.2835	0.2451		17.3	20.0	-14.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Lab Sample ID: ICV 410-694491/1004 Calibration Date: 09/04/2025 09:47

Instrument ID: 15648 Calib Start Date: 09/03/2025 02:42

GC Column: DB-624 20m ID: 0.18(mm) Calib End Date: 09/03/2025 04:40

Lab File ID: -ES04X03-ICV.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,4-Dichloro-2-butene	Ave	0.3487	0.3039		87.2	100	-13.0	30.0
N-Propylbenzene	Ave	3.375	3.354		19.9	20.0	-1.0	30.0
2-Chlorotoluene	Ave	0.6581	0.6202		18.8	20.0	-6.0	30.0
4-Chlorotoluene	Ave	0.6907	0.6328		18.3	20.0	-8.0	30.0
1,3,5-Trimethylbenzene	Ave	2.348	2.270		19.3	20.0	-3.0	30.0
tert-Butylbenzene	Ave	0.4820	0.4706		19.5	20.0	-2.0	30.0
1,2,4-Trimethylbenzene	Ave	2.434	2.255		18.5	20.0	-7.0	30.0
sec-Butylbenzene	Ave	2.872	2.854		19.9	20.0	-1.0	30.0
1,3-Dichlorobenzene	Ave	1.283	1.169	0.6000	18.2	20.0	-9.0	30.0
p-Isopropyltoluene	Ave	2.534	2.452		19.4	20.0	-3.0	30.0
1,4-Dichlorobenzene	Ave	1.347	1.228	0.5000	18.2	20.0	-9.0	30.0
1,2,3-Trimethylbenzene	Ave	2.495	2.306		18.5	20.0	-8.0	30.0
Benzyl chloride	Ave	1.706	1.421		16.7	20.0	-17.0	30.0
1,3-Diethylbenzene	Ave	1.379	1.385		20.1	20.0	0.0	30.0
1,4-Diethylbenzene	Ave	1.526	1.466		19.2	20.0	-4.0	30.0
1,2-Dichlorobenzene	Ave	1.299	1.151	0.4000	17.7	20.0	-11.0	30.0
n-Butylbenzene	Ave	1.216	1.214		20.0	20.0	0.0	30.0
1,2-Diethylbenzene	Ave	1.242	1.182		19.0	20.0	-5.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2287	0.1968	0.0500	17.2	20.0	-14.0	30.0
1,3,5-Trichlorobenzene	Ave	0.9038	0.8285		18.3	20.0	-8.0	30.0
1,2,4-Trichlorobenzene	Ave	0.8553	0.7870	0.2000	18.4	20.0	-8.0	30.0
Hexachlorobutadiene	Ave	0.3619	0.3324		18.4	20.0	-8.0	30.0
Naphthalene	Ave	2.902	2.530		17.4	20.0	-13.0	30.0
1,2,3-Trichlorobenzene	Ave	0.8479	0.7369		17.4	20.0	-13.0	30.0
2-Methylnaphthalene	Ave	1.289	1.282		19.9	20.0	-1.0	30.0
Dibromofluoromethane (Surr)	Ave	0.2368	0.2346		49.6	50.0	-1.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3444	0.3439		49.9	50.0	0.0	30.0
Toluene-d8 (Surr)	Ave	1.408	1.424		50.5	50.0	1.0	30.0
4-Bromofluorobenzene (Surr)	Ave	0.5208	0.5200		49.9	50.0	0.0	30.0

Eurofins Environment Testing
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20250904-158623.b\-ES04X03-ICV.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 04-Sep-2025 09:47:30 ALS Bottle#: 3 Worklist Smp#: 1004
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0158623-004
Operator ID: knk41612 Instrument ID: 15648
Sublist:

Method: \\chromfs\Lancaster\ChromData\15648\20250904-158623.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 04-Sep-2025 12:04:31 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1705

First Level Reviewer: DVW2 Date: 04-Sep-2025 10:09:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.067	1.073	-0.006	99	119159	20.0	13.3	
4 Chloromethane	50	1.183	1.183	0.000	98	150243	20.0	16.0	M
5 Butadiene	39	1.232	1.238	-0.006	91	167110	20.0	19.4	
6 Vinyl chloride	62	1.238	1.238	0.000	97	138756	20.0	16.6	
8 Bromomethane	94	1.415	1.415	0.000	91	90930	20.0	18.1	
9 Chloroethane	64	1.433	1.433	0.000	100	87988	20.0	18.6	
10 Dichlorofluoromethane	67	1.561	1.561	0.000	98	217635	20.0	19.1	
11 Pentane	43	1.573	1.579	-0.006	97	182024	20.0	17.7	
12 Trichlorofluoromethane	101	1.610	1.610	0.000	96	163870	20.0	16.1	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	1.720	1.726	-0.006	94	118836	20.0	17.7	
16 Acrolein	56	1.768	1.768	0.000	98	229495	146.3	124.1	
17 1,1-Dichloroethene	96	1.848	1.848	0.000	95	85683	20.0	20.3	
18 Acetone	58	1.860	1.866	-0.006	99	164633	250.0	205.7	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.890	1.890	0.000	95	84489	20.0	18.1	
20 Isopropyl alcohol	45	1.945	1.951	-0.006	72	95868	150.0	178.5	
22 Iodomethane	142	1.951	1.957	-0.006	98	131618	20.0	17.5	
23 Carbon disulfide	76	2.006	2.006	0.000	100	211595	20.0	17.0	
25 3-Chloro-1-propene	41	2.079	2.079	0.000	86	161414	20.0	18.1	
26 Methyl acetate	43	2.085	2.085	0.000	99	100662	20.0	15.8	
28 Methylene Chloride	84	2.171	2.171	0.000	97	92532	20.0	18.8	
* 27 t-Butyl alcohol-d10 (IS)	65	2.183	2.183	0.000	91	208495	250.0	250.0	
29 2-Methyl-2-propanol	59	2.238	2.244	-0.006	98	162939	200.0	188.6	
31 Acrylonitrile	53	2.335	2.335	0.000	98	265777	100.0	89.3	
32 trans-1,2-Dichloroethene	96	2.378	2.378	0.000	96	91863	20.0	19.6	
33 Methyl tert-butyl ether	73	2.390	2.384	0.006	96	289047	20.0	16.6	
34 Hexane	57	2.610	2.610	0.000	95	140947	20.0	18.2	
35 1,1-Dichloroethane	63	2.726	2.726	0.000	97	189018	20.0	19.7	
37 Isopropyl ether	45	2.799	2.799	0.000	93	309484	20.0	17.4	
38 2-Chloro-1,3-butadiene	53	2.811	2.811	0.000	94	164405	20.0	18.1	
39 Tert-butyl ethyl ether	59	3.128	3.134	-0.006	97	285214	20.0	16.8	
40 cis-1,2-Dichloroethene	96	3.244	3.244	0.000	86	99068	20.0	19.1	

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	3.250	3.250	0.000	100	891435	250.0	216.1	
42 2,2-Dichloropropane	77	3.262	3.256	0.006	90	149102	20.0	18.4	
44 Propionitrile	54	3.299	3.299	0.000	98	164036	150.0	129.0	
46 Methacrylonitrile	67	3.445	3.445	0.000	92	424559	150.0	135.8	
47 Chlorobromomethane	128	3.463	3.463	0.000	95	46345	20.0	18.3	
48 Tetrahydrofuran	71	3.506	3.500	0.006	90	88288	100.0	82.1	
49 Chloroform	83	3.542	3.542	0.000	95	166120	20.0	18.7	
$ 50 Dibromofluoromethane (Surr)	113	3.689	3.689	0.000	93	248159	50.0	49.6	
51 1,1,1-Trichloroethane	97	3.719	3.719	0.000	97	146691	20.0	18.7	
53 Cyclohexane	56	3.774	3.780	-0.006	94	171676	20.0	18.2	
58 1,1-Dichloropropene	75	3.872	3.872	0.000	93	137586	20.0	18.6	
59 Carbon tetrachloride	117	3.878	3.878	0.000	96	124294	20.0	18.3	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	4.006	4.006	0.000	93	363721	50.0	49.9	
78 Isobutyl alcohol	41	4.006	4.006	0.000	53	125425	500.0	404.5	
84 Benzene	78	4.067	4.067	0.000	97	393673	20.0	18.7	
85 1,2-Dichloroethane	62	4.079	4.079	0.000	97	149214	20.0	17.7	
87 Tert-amyl methyl ether	73	4.201	4.201	0.000	96	271558	20.0	17.0	
* 88 Fluorobenzene (IS)	96	4.341	4.341	0.000	98	1057639	50.0	50.0	
89 n-Heptane	43	4.359	4.365	-0.006	92	143420	20.0	18.9	
96 n-Butanol	56	4.670	4.676	-0.006	92	188756	1000.0	952.3	
97 Trichloroethene	95	4.707	4.707	0.000	97	98918	20.0	18.9	
98 Methylcyclohexane	83	4.908	4.914	-0.006	93	167651	20.0	18.0	
100 1,2-Dichloropropane	63	4.926	4.926	0.000	93	104705	20.0	18.3	
101 2-ethoxy-2-methyl butane	87	5.006	5.006	0.000	93	132185	20.0	16.6	
102 Dibromomethane	93	5.042	5.042	0.000	94	62623	20.0	18.0	
103 1,4-Dioxane	88	5.073	5.079	-0.006	35	31012	500.0	464.8	M
104 Methyl methacrylate	69	5.085	5.079	0.006	91	83321	20.0	16.9	
106 Dichlorobromomethane	83	5.213	5.219	-0.006	98	125426	20.0	17.8	
107 2-Nitropropane	41	5.451	5.451	0.000	99	43672	20.0	15.3	
108 2-Chloroethyl vinyl ether	63	5.560	5.554	0.006	93	75560	20.0	17.1	
109 cis-1,3-Dichloropropene	75	5.688	5.688	0.000	92	147255	20.0	16.6	
110 4-Methyl-2-pentanone (MIBK)	43	5.871	5.871	0.000	98	1866187	250.0	225.6	
$ 111 Toluene-d8 (Surr)	98	5.975	5.975	0.000	94	1096190	50.0	50.5	
112 Toluene	92	6.042	6.042	0.000	97	246152	20.0	18.5	
114 trans-1,3-Dichloropropene	75	6.292	6.292	0.000	98	144242	20.0	17.3	
115 Ethyl methacrylate	69	6.438	6.438	0.000	90	138182	20.0	16.5	
116 1,1,2-Trichloroethane	97	6.487	6.487	0.000	91	86585	20.0	17.5	
117 Tetrachloroethene	166	6.633	6.633	0.000	96	99459	20.0	19.0	
119 1,3-Dichloropropane	76	6.664	6.658	0.006	95	160361	20.0	17.9	
121 2-Hexanone	43	6.792	6.786	0.006	98	1388910	250.0	230.4	
122 Chlorodibromomethane	129	6.902	6.902	0.000	91	91572	20.0	16.7	
124 Ethylene Dibromide	107	7.011	7.011	0.000	99	87775	20.0	17.0	
* 126 Chlorobenzene-d5 (IS)	117	7.523	7.523	0.000	88	769988	50.0	50.0	
127 Chlorobenzene	112	7.554	7.548	0.006	93	263411	20.0	18.3	
128 1-Chlorohexane	91	7.566	7.566	0.000	92	126862	20.0	19.0	
129 1,1,1,2-Tetrachloroethane	131	7.645	7.645	0.000	94	84916	20.0	17.8	
130 Ethylbenzene	91	7.682	7.682	0.000	99	474314	20.0	18.9	
132 m-Xylene & p-Xylene	106	7.798	7.798	0.000	100	361630	40.0	37.4	
133 o-Xylene	106	8.157	8.157	0.000	97	175304	20.0	18.6	
135 Styrene	104	8.170	8.170	0.000	94	291546	20.0	18.2	
136 Bromoform	173	8.310	8.310	0.000	95	66454	20.0	16.6	
137 Isopropylbenzene	105	8.487	8.487	0.000	97	463053	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 4-Bromofluorobenzene (Surr)	95	8.602	8.602	0.000	87	400359	50.0	49.9	
142 Bromobenzene	156	8.712	8.712	0.000	97	104373	20.0	17.8	
143 1,1,2,2-Tetrachloroethane	83	8.737	8.737	0.000	95	141096	20.0	17.5	
144 1,2,3-Trichloropropane	110	8.755	8.755	0.000	86	41432	20.0	17.3	
145 trans-1,4-Dichloro-2-butene	53	8.779	8.779	0.000	92	256841	100.0	87.2	
146 N-Propylbenzene	91	8.828	8.828	0.000	99	566864	20.0	19.9	
147 2-Chlorotoluene	126	8.877	8.877	0.000	95	104830	20.0	18.8	
148 4-Chlorotoluene	126	8.968	8.968	0.000	99	106961	20.0	18.3	
149 1,3,5-Trimethylbenzene	105	8.974	8.974	0.000	95	383617	20.0	19.3	
152 tert-Butylbenzene	134	9.218	9.218	0.000	94	79547	20.0	19.5	
153 1,2,4-Trimethylbenzene	105	9.255	9.255	0.000	98	381201	20.0	18.5	
154 sec-Butylbenzene	105	9.383	9.383	0.000	95	482363	20.0	19.9	
155 1,3-Dichlorobenzene	146	9.450	9.450	0.000	97	197643	20.0	18.2	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	97	422554	50.0	50.0	
156 4-Isopropyltoluene	119	9.499	9.499	0.000	79	414423	20.0	19.4	
159 1,4-Dichlorobenzene	146	9.517	9.517	0.000	95	207502	20.0	18.2	
160 1,2,3-Trimethylbenzene	105	9.566	9.566	0.000	99	389798	20.0	18.5	
161 Benzyl chloride	91	9.621	9.621	0.000	99	240106	20.0	16.7	
162 1,3-Diethylbenzene	119	9.718	9.718	0.000	95	234156	20.0	20.1	
163 p-Diethylbenzene	119	9.779	9.779	0.000	95	247823	20.0	19.2	
164 1,2-Dichlorobenzene	146	9.785	9.785	0.000	96	194579	20.0	17.7	
165 n-Butylbenzene	92	9.791	9.791	0.000	97	205244	20.0	20.0	
166 o-diethylbenzene	119	9.858	9.858	0.000	96	199856	20.0	19.0	
169 1,2-Dibromo-3-Chloropropane	75	10.322	10.322	0.000	87	33257	20.0	17.2	
170 1,3,5-Trichlorobenzene	180	10.474	10.474	0.000	96	140041	20.0	18.3	
171 1,2,4-Trichlorobenzene	180	10.882	10.883	-0.001	94	133024	20.0	18.4	
172 Hexachlorobutadiene	225	11.004	11.004	0.000	97	56190	20.0	18.4	
174 Naphthalene	128	11.041	11.035	0.006	98	427641	20.0	17.4	
175 1,2,3-Trichlorobenzene	180	11.193	11.193	0.000	95	124551	20.0	17.4	
177 2-Methylnaphthalene	142	11.760	11.754	0.006	93	216678	20.0	19.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_2CEVE_00245	Amount Added:	50.00	Units: uL	
MSV_LCS_VOC#1_00236	Amount Added:	50.00	Units: uL	
MSV_LCS_Gases_00266	Amount Added:	50.00	Units: uL	
MSV_LCS_ACROL_00243	Amount Added:	50.00	Units: uL	
MSV_Cent_ISSS_00043	Amount Added:	5.00	Units: uL	Run Reagent

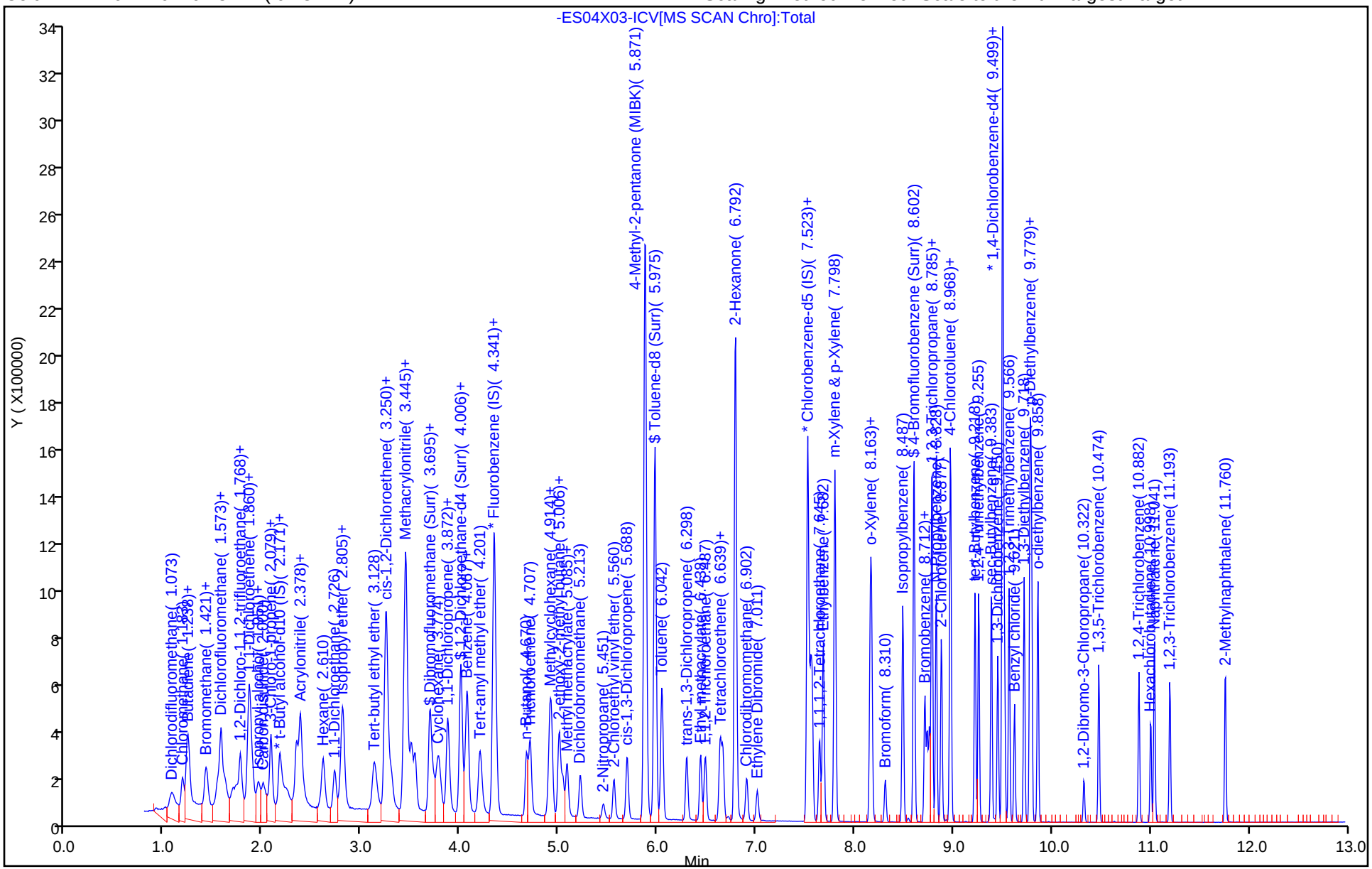
Report Date: 04-Sep-2025 12:04:41 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Environment Testing

Data File: \\chromfs\Lancaster\ChromData\15648\20250904-158623.b\-ES04X03-ICV.d

Injection Date:	04-Sep-2025 09:47:30	Instrument ID:	15648	Operator ID:	knk41612
Lims ID:	ICV			Worklist Smp#:	1004
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Environment Testing

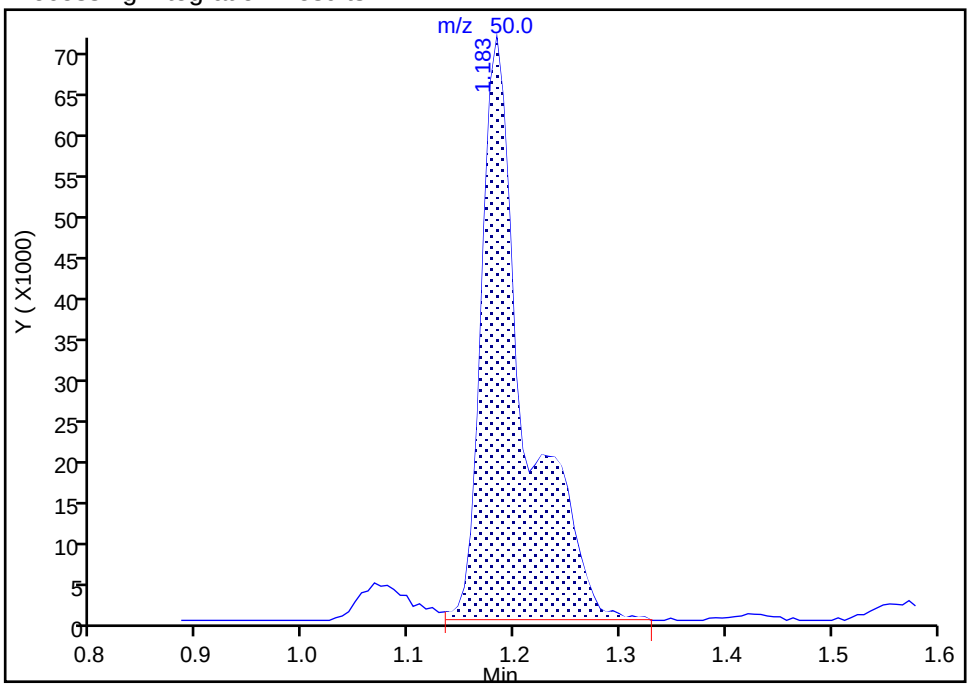
Data File: \\chromfs\Lancaster\ChromData\15648\20250904-158623.b\-ES04X03-ICV.d
Injection Date: 04-Sep-2025 09:47:30 Instrument ID: 15648
Lims ID: ICV
Client ID:
Operator ID: knk41612 ALS Bottle#: 3 Worklist Smp#: 1004
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15648 Limit Group: MSV - 8260C_D
Column: DB-624 20m 0.18mm (0.18 mm) Detector MS Quad

4 Chloromethane, CAS: 74-87-3

Signal: 1

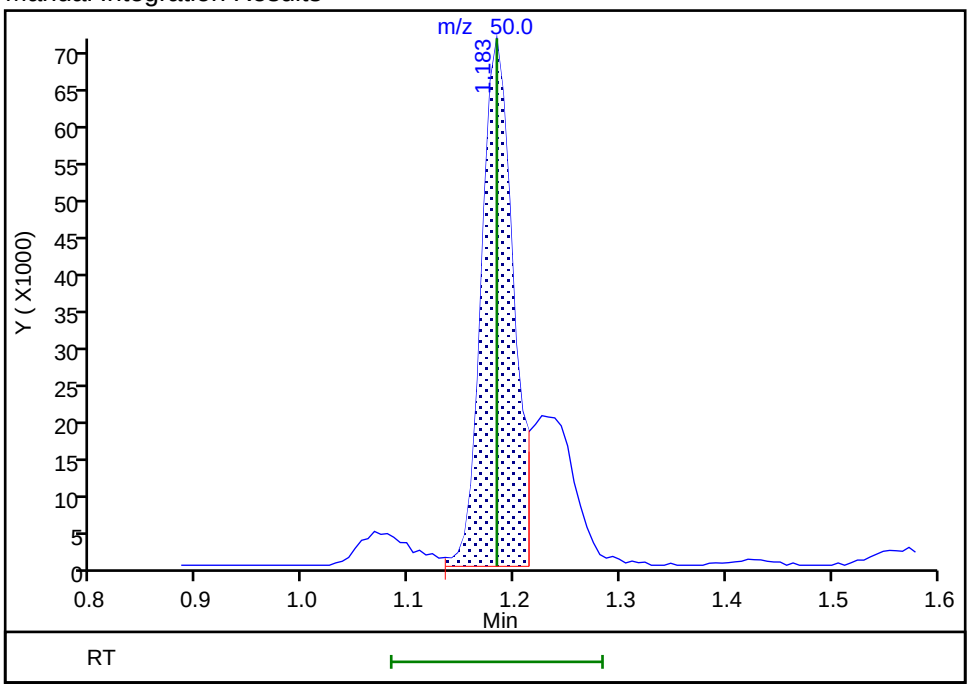
Processing Integration Results

RT: 1.18
Area: 204200
Amount: 21.780845
Amount Units: ug/l



Manual Integration Results

RT: 1.18
Area: 150243
Amount: 16.025561
Amount Units: ug/l



Reviewer: DVW2, 04-Sep-2025 10:09:05 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Environment Testing

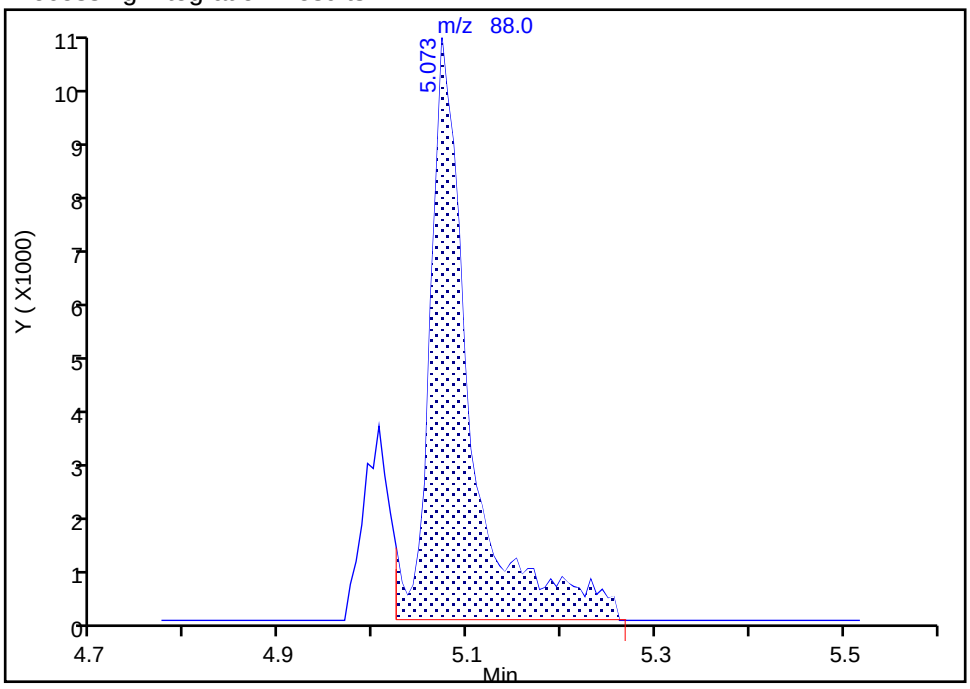
Data File: \\chromfs\Lancaster\ChromData\15648\20250904-158623.b\-ES04X03-ICV.d
Injection Date: 04-Sep-2025 09:47:30 Instrument ID: 15648
Lims ID: ICV
Client ID:
Operator ID: knk41612 ALS Bottle#: 3 Worklist Smp#: 1004
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15648 Limit Group: MSV - 8260C_D
Column: DB-624 20m 0.18mm (0.18 mm) Detector MS Quad

103 1,4-Dioxane, CAS: 123-91-1

Signal: 1

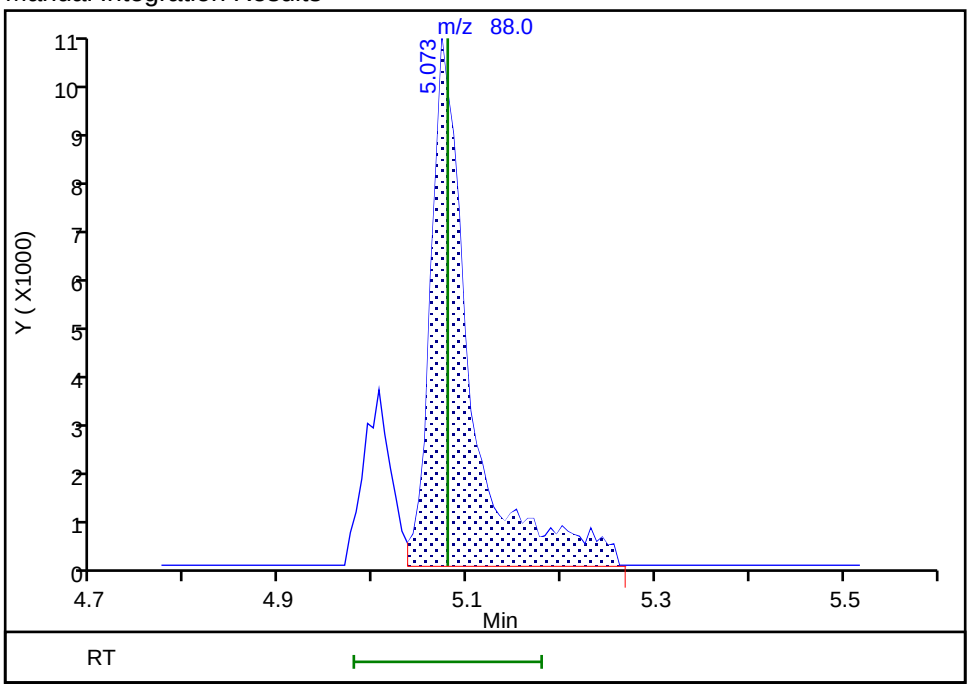
Processing Integration Results

RT: 5.07
Area: 31752
Amount: 475.8685
Amount Units: ug/l



Manual Integration Results

RT: 5.07
Area: 31012
Amount: 464.7781
Amount Units: ug/l



Reviewer: DVW2, 04-Sep-2025 10:09:19 -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.: 410-246092-1

SDG No.:

Lab Sample ID: CCVIS 410-715287/3 Calibration Date: 10/16/2025 19:20

Instrument ID: 15648 Calib Start Date: 09/03/2025 02:42

GC Column: DB-624 20m ID: 0.18(mm) Calib End Date: 09/03/2025 04:40

Lab File ID: EC16X52.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	0.4249	0.3939	0.1000	46.4	50.0	-7.0	20.0
Chloromethane	Ave	0.4432	0.5969	0.1000	67.3	50.0	35.0*	20.0
1,3-Butadiene	Ave	0.4081	0.4518		55.3	50.0	11.0	20.0
Vinyl chloride	Ave	0.3941	0.4041	0.1000	51.3	50.0	3.0	20.0
Bromomethane	Ave	0.2380	0.2211	0.1000	46.5	50.0	-7.0	20.0
Chloroethane	Ave	0.2241	0.2210	0.1000	49.3	50.0	-1.0	20.0
Dichlorofluoromethane	Ave	0.5373	0.5559		51.7	50.0	3.0	20.0
n-Pentane	Ave	0.4859	0.5336		54.9	50.0	10.0	20.0
Trichlorofluoromethane	Ave	0.4822	0.4820	0.1000	50.0	50.0	0.0	20.0
Freon 123a	Ave	0.3178	0.3435		54.0	50.0	8.0	20.0
Acrolein	Ave	2.217	2.196		483	488	-1.0	20.0
1,1-Dichloroethene	Ave	0.1991	0.2081	0.1000	52.3	50.0	5.0	20.0
Acetone	Ave	0.9595	1.047	0.1000	109	100	9.0	20.0
Freon 113	Ave	0.2210	0.2279	0.1000	51.5	50.0	3.0	20.0
2-Propanol	Ave	0.6440	0.6529		253	250	1.0	20.0
Methyl iodide	Ave	0.3554	0.3455		48.6	50.0	-3.0	20.0
Carbon disulfide	Ave	0.5872	0.5728	0.1000	48.8	50.0	-2.0	20.0
Allyl chloride	Ave	0.4206	0.4871		57.9	50.0	16.0	20.0
Methyl acetate	Ave	0.3003	0.3172	0.1000	52.8	50.0	6.0	20.0
Methylene Chloride	Ave	0.2326	0.2593	0.1000	55.7	50.0	11.0	20.0
t-Butyl alcohol	Ave	1.036	1.080		261	250	4.0	20.0
Acrylonitrile	Ave	0.1408	0.1624		144	125	15.0	20.0
trans-1,2-Dichloroethene	Ave	0.2215	0.2386	0.1000	53.9	50.0	8.0	20.0
Methyl tert-butyl ether	Ave	0.8235	0.8813	0.1000	53.5	50.0	7.0	20.0
n-Hexane	Ave	0.3670	0.3989		54.3	50.0	9.0	20.0
1,1-Dichloroethane	Ave	0.4527	0.5153	0.2000	56.9	50.0	14.0	20.0
Isopropyl ether	Ave	0.8386	0.9759		58.2	50.0	16.0	20.0
2-Chloro-1,3-butadiene	Ave	0.4288	0.4605		53.7	50.0	7.0	20.0
Ethyl t-butyl ether	Ave	0.8015	0.8641		53.9	50.0	8.0	20.0
2-Butanone (MEK)	Ave	0.1950	0.2067	0.1000	106	100	6.0	20.0
cis-1,2-Dichloroethene	Ave	0.2450	0.2667	0.1000	54.4	50.0	9.0	20.0
2,2-Dichloropropane	Ave	0.3826	0.4171		54.5	50.0	9.0	20.0
Propionitrile	Ave	1.525	1.664		273	250	9.0	20.0
Methacrylonitrile	Ave	0.1478	0.1662		141	125	12.0	20.0
Bromochloromethane	Ave	0.1196	0.1287		53.8	50.0	8.0	20.0
Tetrahydrofuran	Ave	1.289	1.294		251	250	0.0	20.0
Chloroform	Ave	0.4199	0.4686	0.2000	55.8	50.0	12.0	20.0
1,1,1-Trichloroethane	Ave	0.3708	0.4055	0.1000	54.7	50.0	9.0	20.0
Cyclohexane	Ave	0.4465	0.5170	0.1000	57.9	50.0	16.0	20.0
1,1-Dichloropropene	Ave	0.3500	0.3826		54.7	50.0	9.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Lab Sample ID: CCVIS 410-715287/3 Calibration Date: 10/16/2025 19:20

Instrument ID: 15648 Calib Start Date: 09/03/2025 02:42

GC Column: DB-624 20m ID: 0.18(mm) Calib End Date: 09/03/2025 04:40

Lab File ID: EC16X52.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	0.3213	0.3597	0.1000	56.0	50.0	12.0	20.0
Isobutyl alcohol	Ave	0.3718	0.4232		712	625	14.0	20.0
Benzene	Ave	0.998	1.122	0.5000	56.2	50.0	12.0	20.0
1,2-Dichloroethane	Ave	0.3992	0.4355	0.1000	54.5	50.0	9.0	20.0
t-Amyl methyl ether	Ave	0.7531	0.8246		54.7	50.0	9.0	20.0
n-Heptane	Ave	0.3583	0.3938		55.0	50.0	10.0	20.0
n-Butanol	Ave	0.2377	0.2977		783	625	25.0*	20.0
Trichloroethene	Ave	0.2480	0.2634	0.2000	53.1	50.0	6.0	20.0
Methylcyclohexane	Ave	0.4408	0.4589	0.1000	52.0	50.0	4.0	20.0
1,2-Dichloropropane	Ave	0.2711	0.3234	0.1000	59.6	50.0	19.0	20.0
t-Amyl ethyl ether	Ave	0.3769	0.4125		54.7	50.0	9.0	20.0
Dibromomethane	Ave	0.1646	0.1768		53.7	50.0	7.0	20.0
1,4-Dioxane	Ave	0.0800	0.1040	0.0050	812	625	30.0*	20.0
Methyl methacrylate	Ave	0.2329	0.2619		56.2	50.0	12.0	20.0
Bromodichloromethane	Ave	0.3335	0.3711	0.2000	55.6	50.0	11.0	20.0
2-Nitropropane	Ave	3.427	3.362		245	250	-2.0	20.0
2-Chloroethyl vinyl ether	Ave	0.2088	0.1880		45.0	50.0	-10.0	20.0
cis-1,3-Dichloropropene	Ave	0.4185	0.4726	0.2000	56.5	50.0	13.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3911	0.4350	0.1000	111	100	11.0	20.0
Toluene	Ave	0.8620	0.9643	0.4000	55.9	50.0	12.0	20.0
trans-1,3-Dichloropropene	Ave	0.5420	0.6291	0.1000	58.0	50.0	16.0	20.0
Ethyl methacrylate	Ave	0.5426	0.6249		57.6	50.0	15.0	20.0
1,1,2-Trichloroethane	Ave	0.3207	0.3635	0.1000	56.7	50.0	13.0	20.0
Tetrachloroethene	Ave	0.3405	0.3553	0.2000	52.2	50.0	4.0	20.0
1,3-Dichloropropane	Ave	0.5804	0.6812		58.7	50.0	17.0	20.0
2-Hexanone	Ave	0.3914	0.4462	0.1000	114	100	14.0	20.0
Dibromochloromethane	Ave	0.3559	0.4054		57.0	50.0	14.0	20.0
1,2-Dibromoethane (EDB)	Ave	0.3350	0.3681	0.1000	54.9	50.0	10.0	20.0
Chlorobenzene	Ave	0.9338	1.033	0.5000	55.3	50.0	11.0	20.0
1-Chlorohexane	Ave	0.4337	0.4687		54.0	50.0	8.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3104	0.3697		59.6	50.0	19.0	20.0
Ethylbenzene	Ave	1.632	1.847	0.1000	56.6	50.0	13.0	20.0
m&p-Xylene	Ave	0.6280	0.7079	0.1000	113	100	13.0	20.0
o-Xylene	Ave	0.6109	0.6779	0.3000	55.5	50.0	11.0	20.0
Styrene	Ave	1.039	1.179	0.3000	56.8	50.0	14.0	20.0
Bromoform	Ave	0.2603	0.2721	0.1000	52.3	50.0	5.0	20.0
Isopropylbenzene	Ave	1.550	1.720	0.1000	55.5	50.0	11.0	20.0
Bromobenzene	Ave	0.6931	0.7314		52.8	50.0	6.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9542	1.090	0.3000	57.1	50.0	14.0	20.0
1,2,3-Trichloropropane	Ave	0.2835	0.3148		55.5	50.0	11.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Lab Sample ID: CCVIS 410-715287/3 Calibration Date: 10/16/2025 19:20

Instrument ID: 15648 Calib Start Date: 09/03/2025 02:42

GC Column: DB-624 20m ID: 0.18(mm) Calib End Date: 09/03/2025 04:40

Lab File ID: EC16X52.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,4-Dichloro-2-butene	Ave	0.3487	0.3530		127	125	1.0	20.0
N-Propylbenzene	Ave	3.375	3.822		56.6	50.0	13.0	20.0
2-Chlorotoluene	Ave	0.6581	0.7150		54.3	50.0	9.0	20.0
4-Chlorotoluene	Ave	0.6907	0.7417		53.7	50.0	7.0	20.0
1,3,5-Trimethylbenzene	Ave	2.348	2.705		57.6	50.0	15.0	20.0
tert-Butylbenzene	Ave	0.4820	0.4994		51.8	50.0	4.0	20.0
1,2,4-Trimethylbenzene	Ave	2.434	2.818		57.9	50.0	16.0	20.0
sec-Butylbenzene	Ave	2.872	3.224		56.1	50.0	12.0	20.0
1,3-Dichlorobenzene	Ave	1.283	1.424	0.6000	55.5	50.0	11.0	20.0
p-Isopropyltoluene	Ave	2.534	2.813		55.5	50.0	11.0	20.0
1,4-Dichlorobenzene	Ave	1.347	1.459	0.5000	54.2	50.0	8.0	20.0
1,2,3-Trimethylbenzene	Ave	2.495	2.881		57.7	50.0	15.0	20.0
Benzyl chloride	Ave	1.706	2.199		64.5	50.0	29.0*	20.0
1,3-Diethylbenzene	Ave	1.379	1.541		55.9	50.0	12.0	20.0
1,4-Diethylbenzene	Ave	1.526	1.698		55.7	50.0	11.0	20.0
1,2-Dichlorobenzene	Ave	1.299	1.412	0.4000	54.3	50.0	9.0	20.0
n-Butylbenzene	Ave	1.216	1.401		57.6	50.0	15.0	20.0
1,2-Diethylbenzene	Ave	1.242	1.397		56.2	50.0	12.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2287	0.2576	0.0500	56.3	50.0	13.0	20.0
1,3,5-Trichlorobenzene	Ave	0.9038	0.9468		52.4	50.0	5.0	20.0
1,2,4-Trichlorobenzene	Ave	0.8553	0.8910	0.2000	52.1	50.0	4.0	20.0
Hexachlorobutadiene	Ave	0.3619	0.3747		51.8	50.0	4.0	20.0
Naphthalene	Ave	2.902	3.180		54.8	50.0	10.0	20.0
1,2,3-Trichlorobenzene	Ave	0.8479	0.9067		53.5	50.0	7.0	20.0
2-Methylnaphthalene	Ave	1.289	1.496		58.0	50.0	16.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2368	0.2311		48.8	50.0	-2.0	
1,2-Dichloroethane-d4 (Surr)	Ave	0.3444	0.3449		50.1	50.0	0.0	
Toluene-d8 (Surr)	Ave	1.408	1.469		52.2	50.0	4.0	
4-Bromofluorobenzene (Surr)	Ave	0.5208	0.5289		50.8	50.0	2.0	

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X52.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 16-Oct-2025 19:20:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163464-003
Misc. Info.: CCVIS
Operator ID: MCD07824 Instrument ID: 15648
Sublist: chrom-MSVoa_15648*sub45

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 16-Oct-2025 19:43:08 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1637

First Level Reviewer: Y6ZN Date: 16-Oct-2025 19:42:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.073	1.073	0.000	99	447549	50.0	46.4	
4 Chloromethane	50	1.183	1.183	0.000	99	678226	50.0	67.3	
5 Butadiene	39	1.220	1.220	0.000	91	513312	50.0	55.3	
6 Vinyl chloride	62	1.244	1.244	0.000	97	459136	50.0	51.3	
9 Chloroethane	64	1.421	1.421	0.000	100	251082	50.0	49.3	
8 Bromomethane	94	1.421	1.421	0.000	88	251263	50.0	46.5	
10 Dichlorofluoromethane	67	1.537	1.537	0.000	97	631655	50.0	51.7	
11 Pentane	43	1.567	1.567	0.000	96	606282	50.0	54.9	
12 Trichlorofluoromethane	101	1.610	1.610	0.000	97	547608	50.0	50.0	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	1.720	1.720	0.000	96	390334	50.0	54.0	
16 Acrolein	56	1.762	1.762	0.000	99	960137	487.9	483.4	
17 1,1-Dichloroethene	96	1.841	1.841	0.000	93	236461	50.0	52.3	
18 Acetone	58	1.860	1.860	0.000	71	93808	100.0	109.1	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.884	1.884	0.000	95	258908	50.0	51.5	
20 Isopropyl alcohol	45	1.933	1.933	0.000	45	146236	250.0	253.5	
22 Iodomethane	142	1.951	1.951	0.000	100	392566	50.0	48.6	
23 Carbon disulfide	76	2.000	2.000	0.000	100	650865	50.0	48.8	
25 3-Chloro-1-propene	41	2.073	2.073	0.000	89	553456	50.0	57.9	
26 Methyl acetate	43	2.073	2.073	0.000	65	360403	50.0	52.8	
28 Methylene Chloride	84	2.158	2.158	0.000	99	294624	50.0	55.7	
* 27 t-Butyl alcohol-d10 (IS)	65	2.165	2.165	0.000	93	223994	250.0	250.0	
29 2-Methyl-2-propanol	59	2.238	2.238	0.000	98	241945	250.0	260.6	
31 Acrylonitrile	53	2.329	2.329	0.000	99	461319	125.0	144.2	
32 trans-1,2-Dichloroethene	96	2.372	2.372	0.000	94	271155	50.0	53.9	
33 Methyl tert-butyl ether	73	2.378	2.378	0.000	97	1001346	50.0	53.5	
34 Hexane	57	2.597	2.597	0.000	96	453264	50.0	54.3	
35 1,1-Dichloroethane	63	2.713	2.713	0.000	96	585437	50.0	56.9	
37 Isopropyl ether	45	2.793	2.793	0.000	93	1108832	50.0	58.2	
38 2-Chloro-1,3-butadiene	53	2.799	2.799	0.000	93	523199	50.0	53.7	
39 Tert-butyl ethyl ether	59	3.122	3.122	0.000	97	981848	50.0	53.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 cis-1,2-Dichloroethene	96	3.238	3.238	0.000	87	302975	50.0	54.4	
41 2-Butanone (MEK)	43	3.238	3.238	0.000	98	469715	100.0	106.0	
42 2,2-Dichloropropane	77	3.250	3.250	0.000	90	473934	50.0	54.5	
44 Propionitrile	54	3.280	3.280	0.000	99	372644	250.0	272.7	
46 Methacrylonitrile	67	3.427	3.427	0.000	93	472107	125.0	140.6	
47 Chlorobromomethane	128	3.451	3.451	0.000	94	146175	50.0	53.8	
48 Tetrahydrofuran	71	3.488	3.488	0.000	96	289879	250.0	250.9	
49 Chloroform	83	3.530	3.530	0.000	95	532485	50.0	55.8	
$ 50 Dibromofluoromethane (Surr)	113	3.676	3.676	0.000	92	262558	50.0	48.8	
51 1,1,1-Trichloroethane	97	3.713	3.713	0.000	97	460705	50.0	54.7	
53 Cyclohexane	56	3.768	3.768	0.000	95	587452	50.0	57.9	
58 1,1-Dichloropropene	75	3.859	3.859	0.000	93	434709	50.0	54.7	
59 Carbon tetrachloride	117	3.872	3.872	0.000	98	408741	50.0	56.0	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	3.994	3.994	0.000	93	391834	50.0	50.1	
78 Isobutyl alcohol	41	3.994	3.994	0.000	76	236996	625.0	711.5	a
84 Benzene	78	4.054	4.054	0.000	97	1275093	50.0	56.2	
85 1,2-Dichloroethane	62	4.067	4.067	0.000	97	494782	50.0	54.5	
87 Tert-amyl methyl ether	73	4.189	4.189	0.000	96	936917	50.0	54.7	
* 88 Fluorobenzene (IS)	96	4.329	4.329	0.000	97	1136217	50.0	50.0	
89 n-Heptane	43	4.347	4.347	0.000	95	447435	50.0	55.0	
96 n-Butanol	56	4.664	4.664	0.000	95	166711	625.0	782.9	
97 Trichloroethene	95	4.701	4.701	0.000	97	299310	50.0	53.1	
98 Methylcyclohexane	83	4.902	4.902	0.000	95	521356	50.0	52.0	
100 1,2-Dichloropropane	63	4.914	4.914	0.000	95	367438	50.0	59.6	
101 2-ethoxy-2-methyl butane	87	4.993	4.993	0.000	92	468656	50.0	54.7	
102 Dibromomethane	93	5.030	5.030	0.000	95	200876	50.0	53.7	
103 1,4-Dioxane	88	5.066	5.066	0.000	94	58231	625.0	812.3	
104 Methyl methacrylate	69	5.073	5.073	0.000	93	297608	50.0	56.2	
106 Dichlorobromomethane	83	5.207	5.207	0.000	98	421594	50.0	55.6	
107 2-Nitropropane	41	5.438	5.438	0.000	98	753085	250.0	245.3	
108 2-Chloroethyl vinyl ether	63	5.548	5.548	0.000	92	213627	50.0	45.0	
109 cis-1,3-Dichloropropene	75	5.682	5.682	0.000	93	536957	50.0	56.5	
110 4-Methyl-2-pentanone (MIBK)	43	5.865	5.865	0.000	99	988514	100.0	111.2	
$ 111 Toluene-d8 (Surr)	98	5.969	5.969	0.000	94	1171864	50.0	52.2	
112 Toluene	92	6.036	6.036	0.000	97	768989	50.0	55.9	
114 trans-1,3-Dichloropropene	75	6.286	6.286	0.000	97	501665	50.0	58.0	
115 Ethyl methacrylate	69	6.432	6.432	0.000	92	498334	50.0	57.6	
116 1,1,2-Trichloroethane	97	6.475	6.475	0.000	92	289919	50.0	56.7	
117 Tetrachloroethene	166	6.627	6.627	0.000	94	283354	50.0	52.2	
119 1,3-Dichloropropane	76	6.658	6.658	0.000	96	543229	50.0	58.7	
121 2-Hexanone	43	6.786	6.786	0.000	99	711738	100.0	114.0	
122 Chlorodibromomethane	129	6.895	6.895	0.000	91	323329	50.0	57.0	
124 Ethylene Dibromide	107	7.005	7.005	0.000	99	293546	50.0	54.9	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.517	0.000	89	797480	50.0	50.0	
127 Chlorobenzene	112	7.548	7.548	0.000	92	823702	50.0	55.3	
128 1-Chlorohexane	91	7.566	7.566	0.000	90	373783	50.0	54.0	
129 1,1,1,2-Tetrachloroethane	131	7.639	7.639	0.000	94	294824	50.0	59.6	
130 Ethylbenzene	91	7.676	7.676	0.000	99	1472684	50.0	56.6	
132 m-Xylene & p-Xylene	106	7.798	7.798	0.000	99	1129134	100.0	112.7	
133 o-Xylene	106	8.157	8.157	0.000	98	540578	50.0	55.5	
135 Styrene	104	8.170	8.170	0.000	94	940558	50.0	56.8	
136 Bromoform	173	8.304	8.304	0.000	95	217001	50.0	52.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 Isopropylbenzene	105	8.487	8.487	0.000	96	1371620	50.0	55.5	
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	85	421753	50.0	50.8	
142 Bromobenzene	156	8.712	8.712	0.000	97	327932	50.0	52.8	
143 1,1,2,2-Tetrachloroethane	83	8.730	8.730	0.000	94	488810	50.0	57.1	
144 1,2,3-Trichloropropane	110	8.755	8.755	0.000	87	141159	50.0	55.5	
145 trans-1,4-Dichloro-2-butene	53	8.779	8.779	0.000	95	395739	125.0	126.6	
146 N-Propylbenzene	91	8.822	8.822	0.000	99	1713642	50.0	56.6	
147 2-Chlorotoluene	126	8.877	8.877	0.000	95	320608	50.0	54.3	
148 4-Chlorotoluene	126	8.968	8.968	0.000	99	332575	50.0	53.7	
149 1,3,5-Trimethylbenzene	105	8.974	8.974	0.000	94	1212682	50.0	57.6	
152 tert-Butylbenzene	134	9.218	9.218	0.000	94	223936	50.0	51.8	
153 1,2,4-Trimethylbenzene	105	9.255	9.255	0.000	98	1263568	50.0	57.9	
154 sec-Butylbenzene	105	9.383	9.383	0.000	95	1445657	50.0	56.1	
155 1,3-Dichlorobenzene	146	9.450	9.450	0.000	97	638535	50.0	55.5	
156 4-Isopropyltoluene	119	9.499	9.499	0.000	95	1261293	50.0	55.5	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	75	448392	50.0	50.0	
159 1,4-Dichlorobenzene	146	9.517	9.517	0.000	93	654374	50.0	54.2	
160 1,2,3-Trimethylbenzene	105	9.566	9.566	0.000	99	1291747	50.0	57.7	
161 Benzyl chloride	91	9.620	9.620	0.000	99	986216	50.0	64.5	
162 1,3-Diethylbenzene	119	9.718	9.718	0.000	96	691143	50.0	55.9	
163 p-Diethylbenzene	119	9.779	9.779	0.000	95	761395	50.0	55.7	
164 1,2-Dichlorobenzene	146	9.785	9.785	0.000	96	633086	50.0	54.3	
165 n-Butylbenzene	92	9.791	9.791	0.000	98	628254	50.0	57.6	
166 o-diethylbenzene	119	9.858	9.858	0.000	96	626450	50.0	56.2	
169 1,2-Dibromo-3-Chloropropane	75	10.322	10.322	0.000	78	115485	50.0	56.3	
170 1,3,5-Trichlorobenzene	180	10.474	10.474	0.000	96	424527	50.0	52.4	
171 1,2,4-Trichlorobenzene	180	10.882	10.882	0.000	94	399497	50.0	52.1	
172 Hexachlorobutadiene	225	11.004	11.004	0.000	97	168012	50.0	51.8	
174 Naphthalene	128	11.041	11.041	0.000	98	1425909	50.0	54.8	
175 1,2,3-Trichlorobenzene	180	11.199	11.199	0.000	95	406541	50.0	53.5	
177 2-Methylnaphthalene	142	11.760	11.760	0.000	92	670855	50.0	58.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00257	Amount Added:	5.00	Units: uL	
MSV_CCV_2CEVE_00250	Amount Added:	5.00	Units: uL	
MSV_CCV_VOC#3_00259	Amount Added:	4.00	Units: uL	
MSV_CCV_GASES_01120	Amount Added:	2.50	Units: uL	
MSV_Cent_ISSS_00048	Amount Added:	5.00	Units: uL	Run Reagent

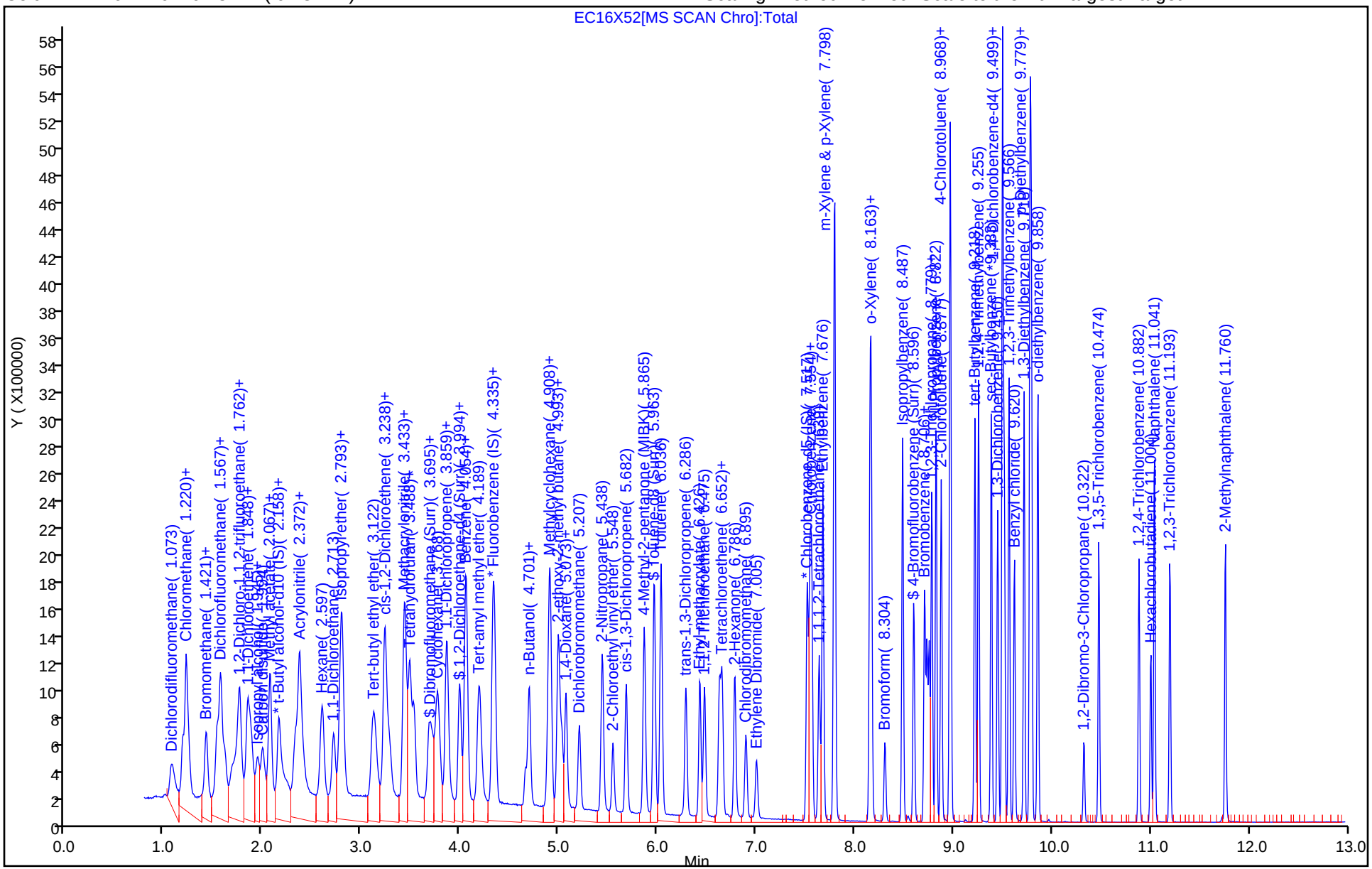
Report Date: 16-Oct-2025 19:43:08 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X52.D

Injection Date:	16-Oct-2025 19:20:30	Instrument ID:	15648	Operator ID:	MCD07824
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

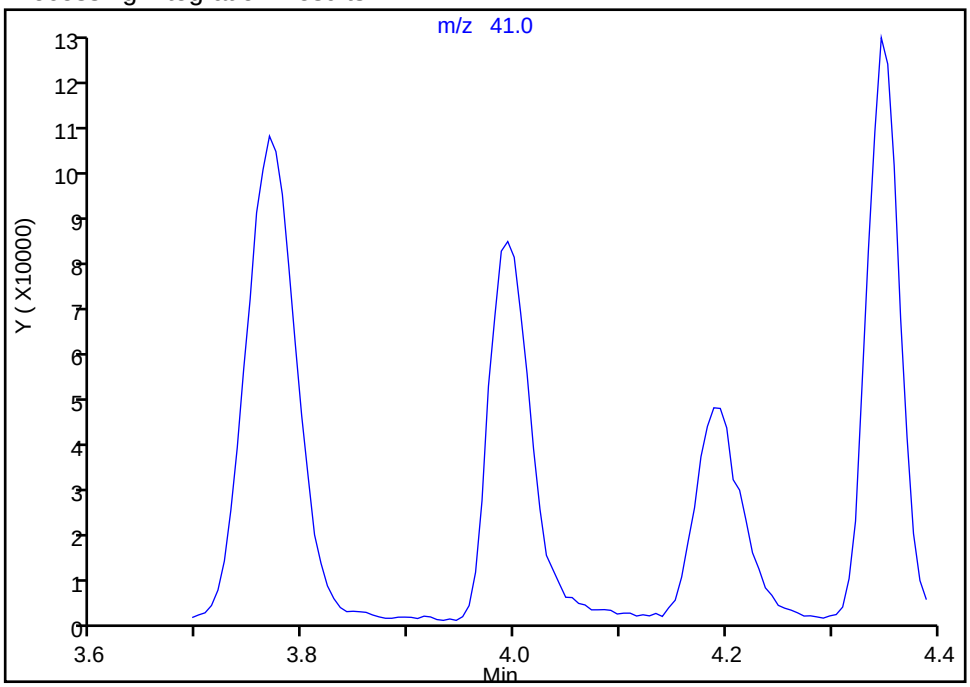
Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X52.D				
Injection Date:	16-Oct-2025 19:20:30	Instrument ID:	15648		
Lims ID:	CCVIS				
Client ID:					
Operator ID:	MCD07824	ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

78 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

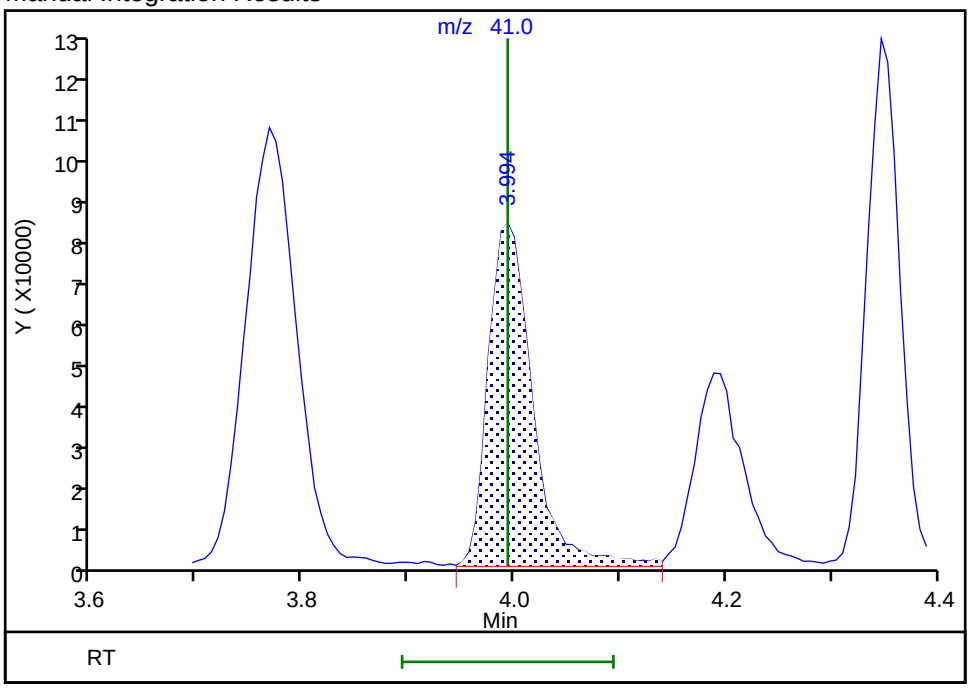
Not Detected
Expected RT: 3.99

Processing Integration Results



Manual Integration Results

RT: 3.99
Area: 236996
Amount: 711.5002
Amount Units: ug/l



Reviewer: Y6ZN, 16-Oct-2025 19:41:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Lab Sample ID: CCVIS 410-715649/3 Calibration Date: 10/17/2025 09:57

Instrument ID: 15648 Calib Start Date: 09/03/2025 02:42

GC Column: DB-624 20m ID: 0.18(mm) Calib End Date: 09/03/2025 04:40

Lab File ID: EC17X02.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	0.4249	0.3112	0.1000	36.6	50.0	-27.0*	20.0
Chloromethane	Ave	0.4432	0.4958	0.1000	55.9	50.0	12.0	20.0
1,3-Butadiene	Ave	0.4081	0.3410		41.8	50.0	-16.0	20.0
Vinyl chloride	Ave	0.3941	0.3301	0.1000	41.9	50.0	-16.0	20.0
Bromomethane	Ave	0.2380	0.1881	0.1000	39.5	50.0	-21.0*	20.0
Chloroethane	Ave	0.2241	0.1847	0.1000	41.2	50.0	-18.0	20.0
Dichlorofluoromethane	Ave	0.5373	0.4713		43.9	50.0	-12.0	20.0
n-Pentane	Ave	0.4859	0.4142		42.6	50.0	-15.0	20.0
Trichlorofluoromethane	Ave	0.4822	0.3722	0.1000	38.6	50.0	-23.0*	20.0
Freon 123a	Ave	0.3178	0.2681		42.2	50.0	-16.0	20.0
Acrolein	Ave	2.217	1.903		419	488	-14.0	20.0
1,1-Dichloroethene	Ave	0.1991	0.1681	0.1000	42.2	50.0	-16.0	20.0
Acetone	Ave	0.9595	0.9388	0.1000	97.8	100	-2.0	20.0
Freon 113	Ave	0.2210	0.1761	0.1000	39.8	50.0	-20.0	20.0
2-Propanol	Ave	0.6440	0.5724		222	250	-11.0	20.0
Methyl iodide	Ave	0.3554	0.2876		40.5	50.0	-19.0	20.0
Carbon disulfide	Ave	0.5872	0.4913	0.1000	41.8	50.0	-16.0	20.0
Allyl chloride	Ave	0.4206	0.4082		48.5	50.0	-3.0	20.0
Methyl acetate	Ave	0.3003	0.3025	0.1000	50.4	50.0	1.0	20.0
Methylene Chloride	Ave	0.2326	0.2158	0.1000	46.4	50.0	-7.0	20.0
t-Butyl alcohol	Ave	1.036	0.9425		227	250	-9.0	20.0
Acrylonitrile	Ave	0.1408	0.1589		141	125	13.0	20.0
trans-1,2-Dichloroethene	Ave	0.2215	0.2012	0.1000	45.4	50.0	-9.0	20.0
Methyl tert-butyl ether	Ave	0.8235	0.7224	0.1000	43.9	50.0	-12.0	20.0
n-Hexane	Ave	0.3670	0.3006		41.0	50.0	-18.0	20.0
1,1-Dichloroethane	Ave	0.4527	0.4366	0.2000	48.2	50.0	-4.0	20.0
Isopropyl ether	Ave	0.8386	0.8083		48.2	50.0	-4.0	20.0
2-Chloro-1,3-butadiene	Ave	0.4288	0.3872		45.2	50.0	-10.0	20.0
Ethyl t-butyl ether	Ave	0.8015	0.7036		43.9	50.0	-12.0	20.0
2-Butanone (MEK)	Ave	0.1950	0.2127	0.1000	109	100	9.0	20.0
cis-1,2-Dichloroethene	Ave	0.2450	0.2234	0.1000	45.6	50.0	-9.0	20.0
2,2-Dichloropropane	Ave	0.3826	0.3415		44.6	50.0	-11.0	20.0
Propionitrile	Ave	1.525	1.410		231	250	-8.0	20.0
Methacrylonitrile	Ave	0.1478	0.1496		127	125	1.0	20.0
Bromochloromethane	Ave	0.1196	0.1076		45.0	50.0	-10.0	20.0
Tetrahydrofuran	Ave	1.289	1.078		209	250	-16.0	20.0
Chloroform	Ave	0.4199	0.3868	0.2000	46.1	50.0	-8.0	20.0
1,1,1-Trichloroethane	Ave	0.3708	0.3350	0.1000	45.2	50.0	-10.0	20.0
Cyclohexane	Ave	0.4465	0.3847	0.1000	43.1	50.0	-14.0	20.0
1,1-Dichloropropene	Ave	0.3500	0.3082		44.0	50.0	-12.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Lab Sample ID: CCVIS 410-715649/3 Calibration Date: 10/17/2025 09:57

Instrument ID: 15648 Calib Start Date: 09/03/2025 02:42

GC Column: DB-624 20m ID: 0.18(mm) Calib End Date: 09/03/2025 04:40

Lab File ID: EC17X02.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	0.3213	0.2917	0.1000	45.4	50.0	-9.0	20.0
Isobutyl alcohol	Ave	0.3718	0.3673		617	625	-1.0	20.0
Benzene	Ave	0.998	0.9450	0.5000	47.4	50.0	-5.0	20.0
1,2-Dichloroethane	Ave	0.3992	0.3590	0.1000	45.0	50.0	-10.0	20.0
t-Amyl methyl ether	Ave	0.7531	0.6556		43.5	50.0	-13.0	20.0
n-Heptane	Ave	0.3583	0.3255		45.4	50.0	-9.0	20.0
n-Butanol	Ave	0.2377	0.2462		648	625	4.0	20.0
Trichloroethene	Ave	0.2480	0.2222	0.2000	44.8	50.0	-10.0	20.0
Methylcyclohexane	Ave	0.4408	0.3428	0.1000	38.9	50.0	-22.0*	20.0
1,2-Dichloropropane	Ave	0.2711	0.2666	0.1000	49.2	50.0	-2.0	20.0
t-Amyl ethyl ether	Ave	0.3769	0.3278		43.5	50.0	-13.0	20.0
Dibromomethane	Ave	0.1646	0.1505		45.7	50.0	-9.0	20.0
1,4-Dioxane	Ave	0.0800	0.0854	0.0050	667	625	7.0	20.0
Methyl methacrylate	Ave	0.2329	0.2274		48.8	50.0	-2.0	20.0
Bromodichloromethane	Ave	0.3335	0.3128	0.2000	46.9	50.0	-6.0	20.0
2-Nitropropane	Ave	3.427	2.769		202	250	-19.0	20.0
2-Chloroethyl vinyl ether	Ave	0.2088	0.1697		40.6	50.0	-19.0	20.0
cis-1,3-Dichloropropene	Ave	0.4185	0.3881	0.2000	46.4	50.0	-7.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3911	0.4155	0.1000	106	100	6.0	20.0
Toluene	Ave	0.8620	0.8331	0.4000	48.3	50.0	-3.0	20.0
trans-1,3-Dichloropropene	Ave	0.5420	0.5346	0.1000	49.3	50.0	-1.0	20.0
Ethyl methacrylate	Ave	0.5426	0.5226		48.2	50.0	-4.0	20.0
1,1,2-Trichloroethane	Ave	0.3207	0.3159	0.1000	49.2	50.0	-2.0	20.0
Tetrachloroethene	Ave	0.3405	0.3014	0.2000	44.3	50.0	-11.0	20.0
1,3-Dichloropropane	Ave	0.5804	0.5882		50.7	50.0	1.0	20.0
2-Hexanone	Ave	0.3914	0.4407	0.1000	113	100	13.0	20.0
Dibromochloromethane	Ave	0.3559	0.3517		49.4	50.0	-1.0	20.0
1,2-Dibromoethane (EDB)	Ave	0.3350	0.3144	0.1000	46.9	50.0	-6.0	20.0
Chlorobenzene	Ave	0.9338	0.8778	0.5000	47.0	50.0	-6.0	20.0
1-Chlorohexane	Ave	0.4337	0.3832		44.2	50.0	-12.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3104	0.3167		51.0	50.0	2.0	20.0
Ethylbenzene	Ave	1.632	1.546	0.1000	47.4	50.0	-5.0	20.0
m&p-Xylene	Ave	0.6280	0.6033	0.1000	96.1	100	-4.0	20.0
o-Xylene	Ave	0.6109	0.5701	0.3000	46.7	50.0	-7.0	20.0
Styrene	Ave	1.039	1.012	0.3000	48.7	50.0	-3.0	20.0
Bromoform	Ave	0.2603	0.2416	0.1000	46.4	50.0	-7.0	20.0
Isopropylbenzene	Ave	1.550	1.420	0.1000	45.8	50.0	-8.0	20.0
Bromobenzene	Ave	0.6931	0.6352		45.8	50.0	-8.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9542	0.9873	0.3000	51.7	50.0	3.0	20.0
1,2,3-Trichloropropane	Ave	0.2835	0.2891		51.0	50.0	2.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Lab Sample ID: CCVIS 410-715649/3 Calibration Date: 10/17/2025 09:57

Instrument ID: 15648 Calib Start Date: 09/03/2025 02:42

GC Column: DB-624 20m ID: 0.18(mm) Calib End Date: 09/03/2025 04:40

Lab File ID: EC17X02.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,4-Dichloro-2-butene	Ave	0.3487	0.3586		129	125	3.0	20.0
N-Propylbenzene	Ave	3.375	3.304		48.9	50.0	-2.0	20.0
2-Chlorotoluene	Ave	0.6581	0.6214		47.2	50.0	-6.0	20.0
1,3,5-Trimethylbenzene	Ave	2.348	2.326		49.5	50.0	-1.0	20.0
4-Chlorotoluene	Ave	0.6907	0.6615		47.9	50.0	-4.0	20.0
tert-Butylbenzene	Ave	0.4820	0.4344		45.1	50.0	-10.0	20.0
1,2,4-Trimethylbenzene	Ave	2.434	2.444		50.2	50.0	0.0	20.0
sec-Butylbenzene	Ave	2.872	2.803		48.8	50.0	-2.0	20.0
1,3-Dichlorobenzene	Ave	1.283	1.233	0.6000	48.1	50.0	-4.0	20.0
p-Isopropyltoluene	Ave	2.534	2.442		48.2	50.0	-4.0	20.0
1,4-Dichlorobenzene	Ave	1.347	1.271	0.5000	47.2	50.0	-6.0	20.0
1,2,3-Trimethylbenzene	Ave	2.495	2.492		49.9	50.0	0.0	20.0
Benzyl chloride	Ave	1.706	1.903		55.8	50.0	12.0	20.0
1,3-Diethylbenzene	Ave	1.379	1.340		48.6	50.0	-3.0	20.0
1,4-Diethylbenzene	Ave	1.526	1.471		48.2	50.0	-4.0	20.0
1,2-Dichlorobenzene	Ave	1.299	1.234	0.4000	47.5	50.0	-5.0	20.0
n-Butylbenzene	Ave	1.216	1.245		51.2	50.0	2.0	20.0
1,2-Diethylbenzene	Ave	1.242	1.215		48.9	50.0	-2.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2287	0.2491	0.0500	54.5	50.0	9.0	20.0
1,3,5-Trichlorobenzene	Ave	0.9038	0.8303		45.9	50.0	-8.0	20.0
1,2,4-Trichlorobenzene	Ave	0.8553	0.7457	0.2000	43.6	50.0	-13.0	20.0
Hexachlorobutadiene	Ave	0.3619	0.3404		47.0	50.0	-6.0	20.0
Naphthalene	Ave	2.902	2.767		47.7	50.0	-5.0	20.0
1,2,3-Trichlorobenzene	Ave	0.8479	0.7702		45.4	50.0	-9.0	20.0
2-Methylnaphthalene	Ave	1.289	1.188		46.1	50.0	-8.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2368	0.2327		49.1	50.0	-2.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3444	0.3554		51.6	50.0	3.0	20.0
Toluene-d8 (Surr)	Ave	1.408	1.483		52.7	50.0	5.0	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5208	0.5299		50.9	50.0	2.0	20.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X02.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 17-Oct-2025 09:57:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163548-003
Misc. Info.: CCVIS
Operator ID: HEC94097 Instrument ID: 15648
Sublist: chrom-MSVoa_15648*sub45

Method: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 15:18:14 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1623

First Level Reviewer: WJ7F Date: 17-Oct-2025 10:26:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.073	1.073	0.000	99	333471	50.0	36.6	
4 Chloromethane	50	1.183	1.183	0.000	99	531378	50.0	55.9	
5 Butadiene	39	1.220	1.220	0.000	91	365414	50.0	41.8	
6 Vinyl chloride	62	1.244	1.244	0.000	98	353744	50.0	41.9	
9 Chloroethane	64	1.421	1.421	0.000	99	197883	50.0	41.2	
8 Bromomethane	94	1.421	1.421	0.000	85	201609	50.0	39.5	
10 Dichlorofluoromethane	67	1.537	1.537	0.000	97	505092	50.0	43.9	
11 Pentane	43	1.573	1.573	0.000	97	443837	50.0	42.6	
12 Trichlorofluoromethane	101	1.610	1.610	0.000	98	398867	50.0	38.6	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	1.719	1.719	0.000	96	287357	50.0	42.2	
16 Acrolein	56	1.762	1.762	0.000	99	902246	487.9	418.8	
17 1,1-Dichloroethene	96	1.841	1.841	0.000	94	180184	50.0	42.2	
18 Acetone	58	1.854	1.854	0.000	99	91232	100.0	97.8	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.878	1.878	0.000	94	188675	50.0	39.8	
20 Isopropyl alcohol	45	1.939	1.939	0.000	44	139059	250.0	222.2	
22 Iodomethane	142	1.945	1.945	0.000	99	308165	50.0	40.5	
23 Carbon disulfide	76	2.000	2.000	0.000	100	526482	50.0	41.8	
25 3-Chloro-1-propene	41	2.067	2.067	0.000	89	437501	50.0	48.5	
26 Methyl acetate	43	2.073	2.073	0.000	71	324166	50.0	50.4	
28 Methylene Chloride	84	2.165	2.165	0.000	98	231220	50.0	46.4	a
* 27 t-Butyl alcohol-d10 (IS)	65	2.165	2.165	0.000	94	242953	250.0	250.0	a
29 2-Methyl-2-propanol	59	2.225	2.225	0.000	97	228972	250.0	227.4	
31 Acrylonitrile	53	2.329	2.329	0.000	98	425846	125.0	141.1	
32 trans-1,2-Dichloroethene	96	2.366	2.366	0.000	94	215567	50.0	45.4	
33 Methyl tert-butyl ether	73	2.384	2.384	0.000	98	774217	50.0	43.9	
34 Hexane	57	2.597	2.597	0.000	95	322144	50.0	41.0	
35 1,1-Dichloroethane	63	2.713	2.713	0.000	96	467845	50.0	48.2	
37 Isopropyl ether	45	2.792	2.792	0.000	92	866174	50.0	48.2	
38 2-Chloro-1,3-butadiene	53	2.799	2.799	0.000	92	414985	50.0	45.2	
39 Tert-butyl ethyl ether	59	3.116	3.116	0.000	97	754019	50.0	43.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 cis-1,2-Dichloroethene	96	3.231	3.231	0.000	84	239357	50.0	45.6	
41 2-Butanone (MEK)	43	3.231	3.231	0.000	99	455913	100.0	109.1	
42 2,2-Dichloropropane	77	3.250	3.250	0.000	90	365964	50.0	44.6	
44 Propionitrile	54	3.286	3.286	0.000	99	342649	250.0	231.2	
46 Methacrylonitrile	67	3.433	3.433	0.000	93	400908	125.0	126.5	
47 Chlorobromomethane	128	3.445	3.445	0.000	92	115318	50.0	45.0	
48 Tetrahydrofuran	71	3.487	3.487	0.000	94	262015	250.0	209.1	
49 Chloroform	83	3.530	3.530	0.000	94	414549	50.0	46.1	
$ 50 Dibromofluoromethane (Surr)	113	3.676	3.676	0.000	93	249354	50.0	49.1	
51 1,1,1-Trichloroethane	97	3.707	3.707	0.000	97	359013	50.0	45.2	
53 Cyclohexane	56	3.768	3.768	0.000	95	412237	50.0	43.1	
58 1,1-Dichloropropene	75	3.859	3.859	0.000	93	330266	50.0	44.0	
59 Carbon tetrachloride	117	3.865	3.865	0.000	96	312627	50.0	45.4	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	3.993	3.993	0.000	95	380847	50.0	51.6	
78 Isobutyl alcohol	41	3.993	3.993	0.000	72	223069	625.0	617.4	
84 Benzene	78	4.054	4.054	0.000	98	1012709	50.0	47.4	
85 1,2-Dichloroethane	62	4.067	4.067	0.000	97	384712	50.0	45.0	
87 Tert-amyl methyl ether	73	4.189	4.189	0.000	95	702599	50.0	43.5	
* 88 Fluorobenzene (IS)	96	4.329	4.329	0.000	97	1071659	50.0	50.0	
89 n-Heptane	43	4.347	4.347	0.000	96	348855	50.0	45.4	
96 n-Butanol	56	4.664	4.664	0.000	94	149564	625.0	647.6	
97 Trichloroethene	95	4.695	4.695	0.000	97	238152	50.0	44.8	
98 Methylcyclohexane	83	4.902	4.902	0.000	95	367367	50.0	38.9	
100 1,2-Dichloropropane	63	4.914	4.914	0.000	93	285687	50.0	49.2	
101 2-ethoxy-2-methyl butane	87	4.993	4.993	0.000	92	351289	50.0	43.5	
102 Dibromomethane	93	5.030	5.030	0.000	94	161266	50.0	45.7	
103 1,4-Dioxane	88	5.060	5.060	0.000	39	51851	625.0	666.9	
104 Methyl methacrylate	69	5.072	5.072	0.000	94	243700	50.0	48.8	
106 Dichlorobromomethane	83	5.207	5.207	0.000	98	335235	50.0	46.9	
107 2-Nitropropane	41	5.438	5.438	0.000	98	672767	250.0	202.0	
108 2-Chloroethyl vinyl ether	63	5.548	5.548	0.000	92	181899	50.0	40.6	
109 cis-1,3-Dichloropropene	75	5.682	5.682	0.000	92	415879	50.0	46.4	
110 4-Methyl-2-pentanone (MIBK)	43	5.865	5.865	0.000	99	890545	100.0	106.2	
$ 111 Toluene-d8 (Surr)	98	5.963	5.963	0.000	95	1087503	50.0	52.7	
112 Toluene	92	6.036	6.036	0.000	97	610732	50.0	48.3	
114 trans-1,3-Dichloropropene	75	6.286	6.286	0.000	97	391955	50.0	49.3	
115 Ethyl methacrylate	69	6.426	6.426	0.000	92	383136	50.0	48.2	
116 1,1,2-Trichloroethane	97	6.475	6.475	0.000	92	231569	50.0	49.2	
117 Tetrachloroethene	166	6.627	6.627	0.000	94	220950	50.0	44.3	
119 1,3-Dichloropropane	76	6.651	6.651	0.000	96	431231	50.0	50.7	
121 2-Hexanone	43	6.786	6.786	0.000	98	646174	100.0	112.6	
122 Chlorodibromomethane	129	6.895	6.895	0.000	90	257846	50.0	49.4	
124 Ethylene Dibromide	107	7.005	7.005	0.000	99	230454	50.0	46.9	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.517	0.000	88	733109	50.0	50.0	
127 Chlorobenzene	112	7.548	7.548	0.000	92	643557	50.0	47.0	
128 1-Chlorohexane	91	7.566	7.566	0.000	88	280922	50.0	44.2	
129 1,1,1,2-Tetrachloroethane	131	7.639	7.639	0.000	95	232145	50.0	51.0	
130 Ethylbenzene	91	7.676	7.676	0.000	99	1133351	50.0	47.4	
132 m-Xylene & p-Xylene	106	7.798	7.798	0.000	99	884572	100.0	96.1	
133 o-Xylene	106	8.157	8.157	0.000	95	417965	50.0	46.7	
135 Styrene	104	8.169	8.169	0.000	95	742235	50.0	48.7	
136 Bromoform	173	8.304	8.304	0.000	95	177143	50.0	46.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 Isopropylbenzene	105	8.486	8.486	0.000	97	1041280	50.0	45.8	
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	85	388473	50.0	50.9	
142 Bromobenzene	156	8.712	8.712	0.000	97	258842	50.0	45.8	
143 1,1,2,2-Tetrachloroethane	83	8.730	8.730	0.000	94	402320	50.0	51.7	
144 1,2,3-Trichloropropane	110	8.755	8.755	0.000	87	117823	50.0	51.0	
145 trans-1,4-Dichloro-2-butene	53	8.779	8.779	0.000	95	365325	125.0	128.6	
146 N-Propylbenzene	91	8.822	8.822	0.000	99	1346396	50.0	48.9	
147 2-Chlorotoluene	126	8.877	8.877	0.000	95	253243	50.0	47.2	
148 4-Chlorotoluene	126	8.968	8.968	0.000	99	269572	50.0	47.9	
149 1,3,5-Trimethylbenzene	105	8.968	8.968	0.000	94	948015	50.0	49.5	
152 tert-Butylbenzene	134	9.218	9.218	0.000	94	177016	50.0	45.1	
153 1,2,4-Trimethylbenzene	105	9.255	9.255	0.000	98	995878	50.0	50.2	
154 sec-Butylbenzene	105	9.383	9.383	0.000	95	1142321	50.0	48.8	
155 1,3-Dichlorobenzene	146	9.450	9.450	0.000	97	502481	50.0	48.1	
156 4-Isopropyltoluene	119	9.498	9.498	0.000	94	995323	50.0	48.2	
* 157 1,4-Dichlorobenzene-d4	152	9.498	9.498	0.000	80	407506	50.0	50.0	
159 1,4-Dichlorobenzene	146	9.517	9.517	0.000	92	518120	50.0	47.2	
160 1,2,3-Trimethylbenzene	105	9.566	9.566	0.000	99	1015412	50.0	49.9	
161 Benzyl chloride	91	9.620	9.620	0.000	99	775596	50.0	55.8	
162 1,3-Diethylbenzene	119	9.718	9.718	0.000	94	546066	50.0	48.6	
163 p-Diethylbenzene	119	9.779	9.779	0.000	94	599326	50.0	48.2	
164 1,2-Dichlorobenzene	146	9.785	9.785	0.000	96	502997	50.0	47.5	
165 n-Butylbenzene	92	9.791	9.791	0.000	98	507446	50.0	51.2	
166 o-diethylbenzene	119	9.858	9.858	0.000	97	494960	50.0	48.9	
169 1,2-Dibromo-3-Chloropropane	75	10.321	10.321	0.000	79	101492	50.0	54.5	
170 1,3,5-Trichlorobenzene	180	10.474	10.474	0.000	96	338351	50.0	45.9	
171 1,2,4-Trichlorobenzene	180	10.882	10.882	0.000	94	303887	50.0	43.6	
172 Hexachlorobutadiene	225	11.004	11.004	0.000	97	138723	50.0	47.0	
174 Naphthalene	128	11.041	11.041	0.000	98	1127504	50.0	47.7	
175 1,2,3-Trichlorobenzene	180	11.199	11.199	0.000	95	313877	50.0	45.4	
177 2-Methylnaphthalene	142	11.760	11.760	0.000	92	484106	50.0	46.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00257	Amount Added:	5.00	Units: uL	
MSV_CCV_2CEVE_00250	Amount Added:	5.00	Units: uL	
MSV_CCV_VOC#3_00259	Amount Added:	4.00	Units: uL	
MSV_CCV_GASES_01120	Amount Added:	2.50	Units: uL	
MSV_Cent_ISSS_00048	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 17-Oct-2025 15:18:15 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X02.D

Injection Date: 17-Oct-2025 09:57:30 Instrument ID: 15648 Operator ID: HEC94097

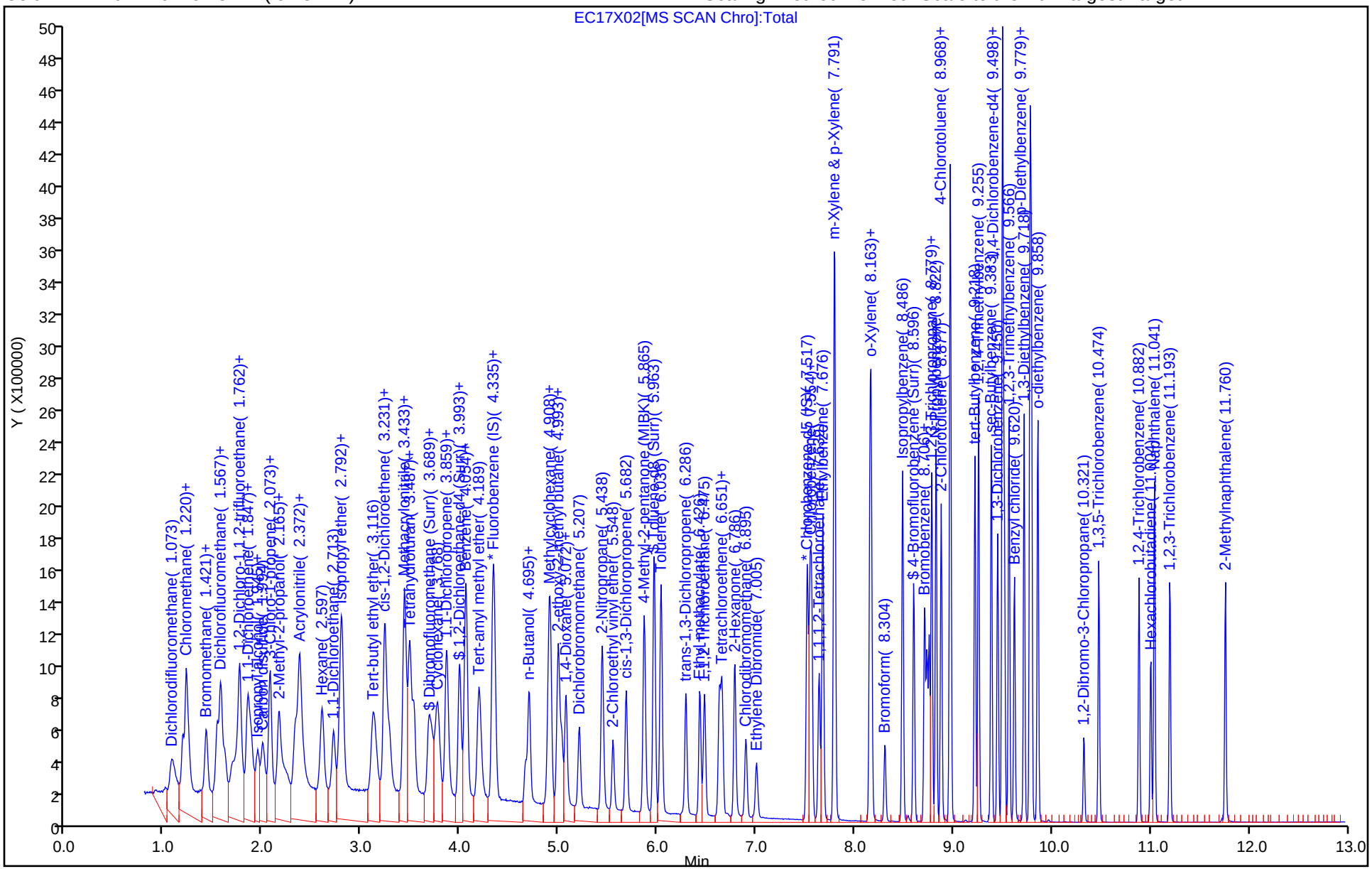
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: MSVoa_15648 Limit Group: MSV - 8260C_D

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

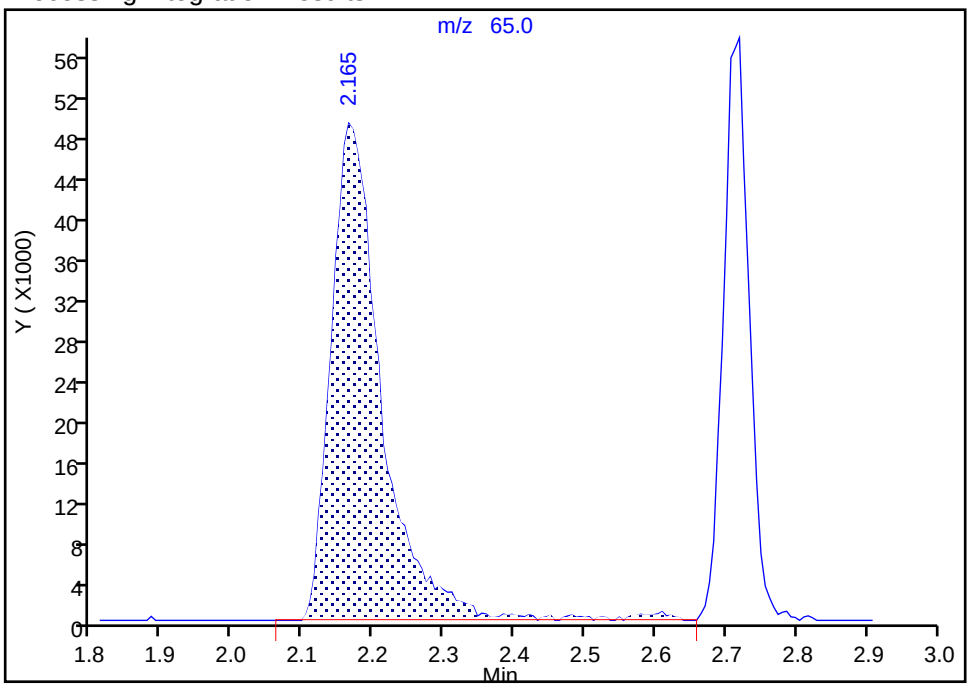
Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X02.D
Injection Date: 17-Oct-2025 09:57:30 Instrument ID: 15648
Lims ID: CCVIS
Client ID:
Operator ID: HEC94097 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15648 Limit Group: MSV - 8260C_D
Column: DB-624 20m 0.18mm (0.18 mm) Detector MS Quad

* 27 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

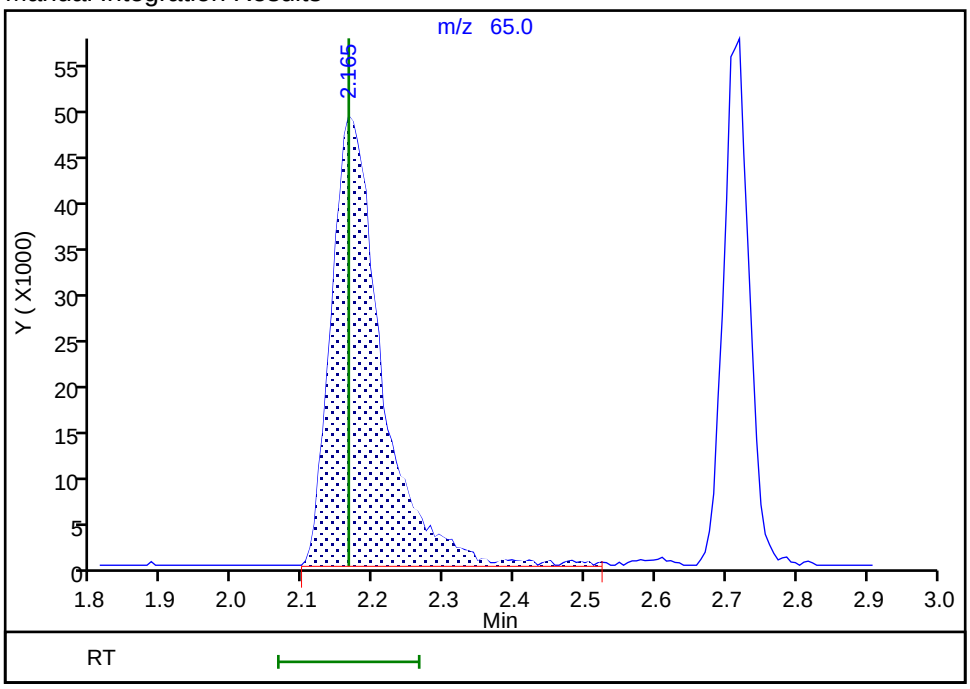
Processing Integration Results

RT: 2.16
Area: 245556
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.16
Area: 242953
Amount: 250.0000
Amount Units: ug/l



Reviewer: WJ7F, 17-Oct-2025 10:21:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

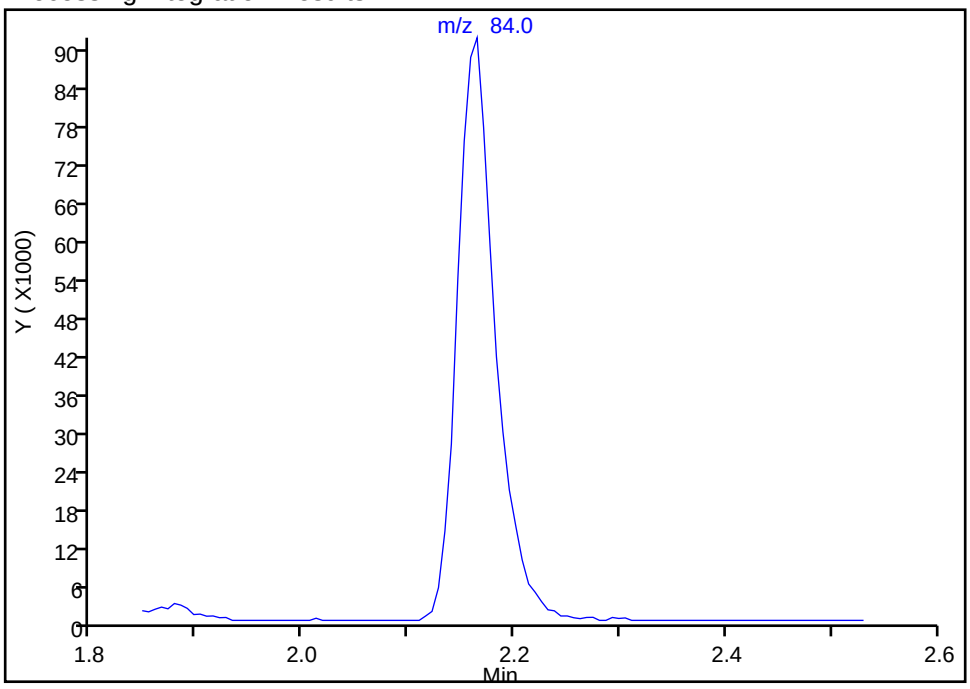
Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X02.D				
Injection Date:	17-Oct-2025 09:57:30	Instrument ID:	15648		
Lims ID:	CCVIS				
Client ID:					
Operator ID:	HEC94097	ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

28 Methylene Chloride, CAS: 75-09-2

Signal: 1

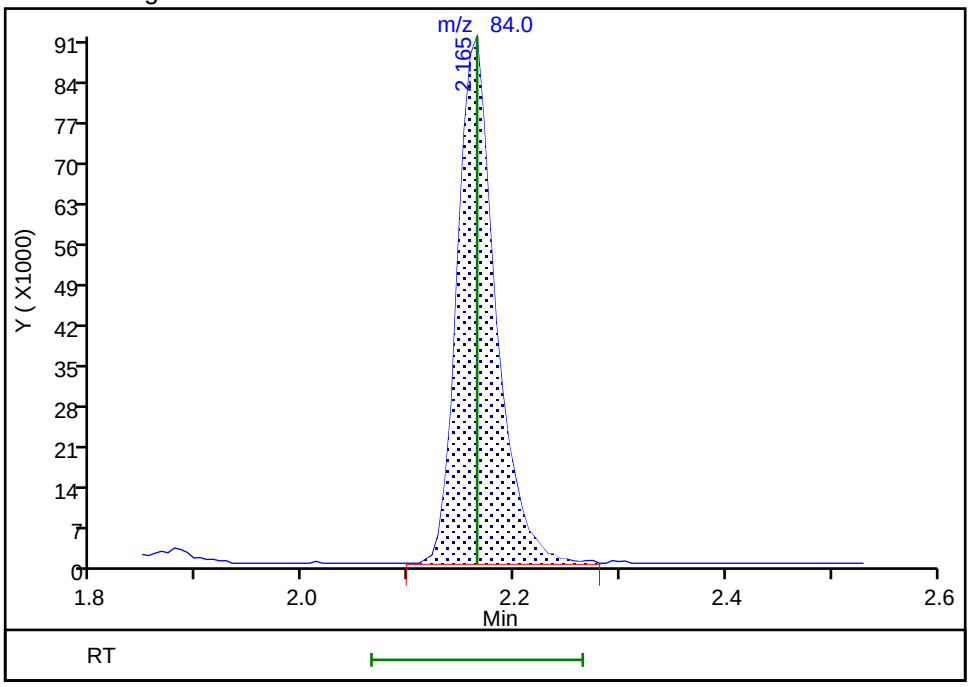
Not Detected
Expected RT: 2.16

Processing Integration Results



Manual Integration Results

RT: 2.16
Area: 231220
Amount: 46.386854
Amount Units: ug/l



Reviewer: WJ7F, 17-Oct-2025 10:21:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02T01.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 02-Sep-2025 23:06:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0158419-001
Misc. Info.: BFB
Operator ID: gaw91131 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 03-Sep-2025 08:28:44 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1678

First Level Reviewer: JS6E Date: 02-Sep-2025 23:49:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 55 BFB	95	3.806	3.806	0.000	0	1360251	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

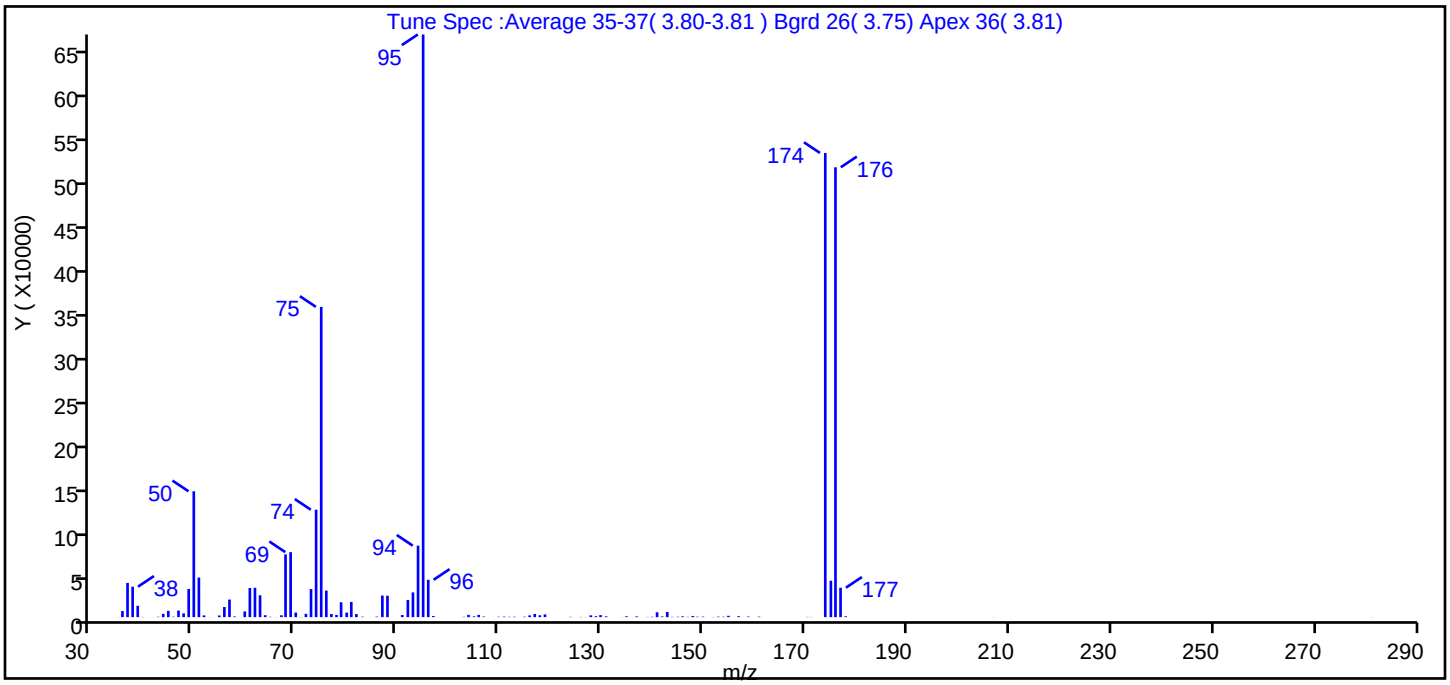
MSV_V_BFB_00019 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02T01.D				
Injection Date:	02-Sep-2025 23:06:30	Instrument ID:	15648		
Lims ID:	bfb				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Tune Method:	BFB Method 8260				

$ 55 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.6
75	30 to 60% of m/z 95	53.3
96	5 to 9% of m/z 95	6.4
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	79.7
175	5 to 9% of m/z 174	6.3 (7.8)
176	Greater than 95% but less than 101% of m/z 174	77.2 (96.9)
177	5 to 9% of m/z 176	5.1 (6.5)

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02T01.D\MSVoa_15648.rslt\spectra.d
Injection Date: 02-Sep-2025 23:06:30
Spectrum: Tune Spec :Average 35-37(3.80-3.81) Bgrd 26(3.75) Apex 36(3.81)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 109

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	110	65.00	401	97.00	1267	142.00	813
36.00	7012	66.00	90	103.00	358	143.00	5974
37.00	39296	67.00	2120	104.00	2562	144.00	327
38.00	34944	68.00	72088	105.00	892	145.00	465
39.00	13002	69.00	74632	106.00	2610	146.00	912
40.00	202	70.00	5296	107.00	665	147.00	336
42.00	103	71.00	197	110.00	410	148.00	1378
43.00	436	72.00	3763	111.00	581	149.00	462
44.00	3796	73.00	32232	112.00	379	150.00	578
45.00	7175	74.00	123344	113.00	494	152.00	199
46.00	466	75.00	356224	115.00	514	153.00	591
47.00	7595	76.00	30488	116.00	2028	154.00	405
48.00	4320	77.00	3633	117.00	3686	155.00	1558
49.00	32344	78.00	2493	118.00	2113	157.00	1082
50.00	144512	79.00	17080	119.00	3175	159.00	652
51.00	45456	80.00	5229	124.00	341	161.00	566
52.00	2009	81.00	17464	126.00	261	170.00	254
53.00	99	82.00	3520	127.00	103	171.00	228
55.00	1906	83.00	521	128.00	2085	174.00	532928
56.00	11615	86.00	604	129.00	1056	175.00	41824
57.00	20208	87.00	24784	130.00	2325	176.00	516480
58.00	784	88.00	24608	131.00	913	177.00	33800
59.00	101	91.00	2436	134.00	109	178.00	955
60.00	6553	92.00	19672	135.00	982	207.00	123
61.00	33456	93.00	28392	137.00	861	281.00	114
62.00	33720	94.00	82088	139.00	244		
63.00	25096	95.00	668928	140.00	425		
64.00	2261	96.00	42864	141.00	5558		

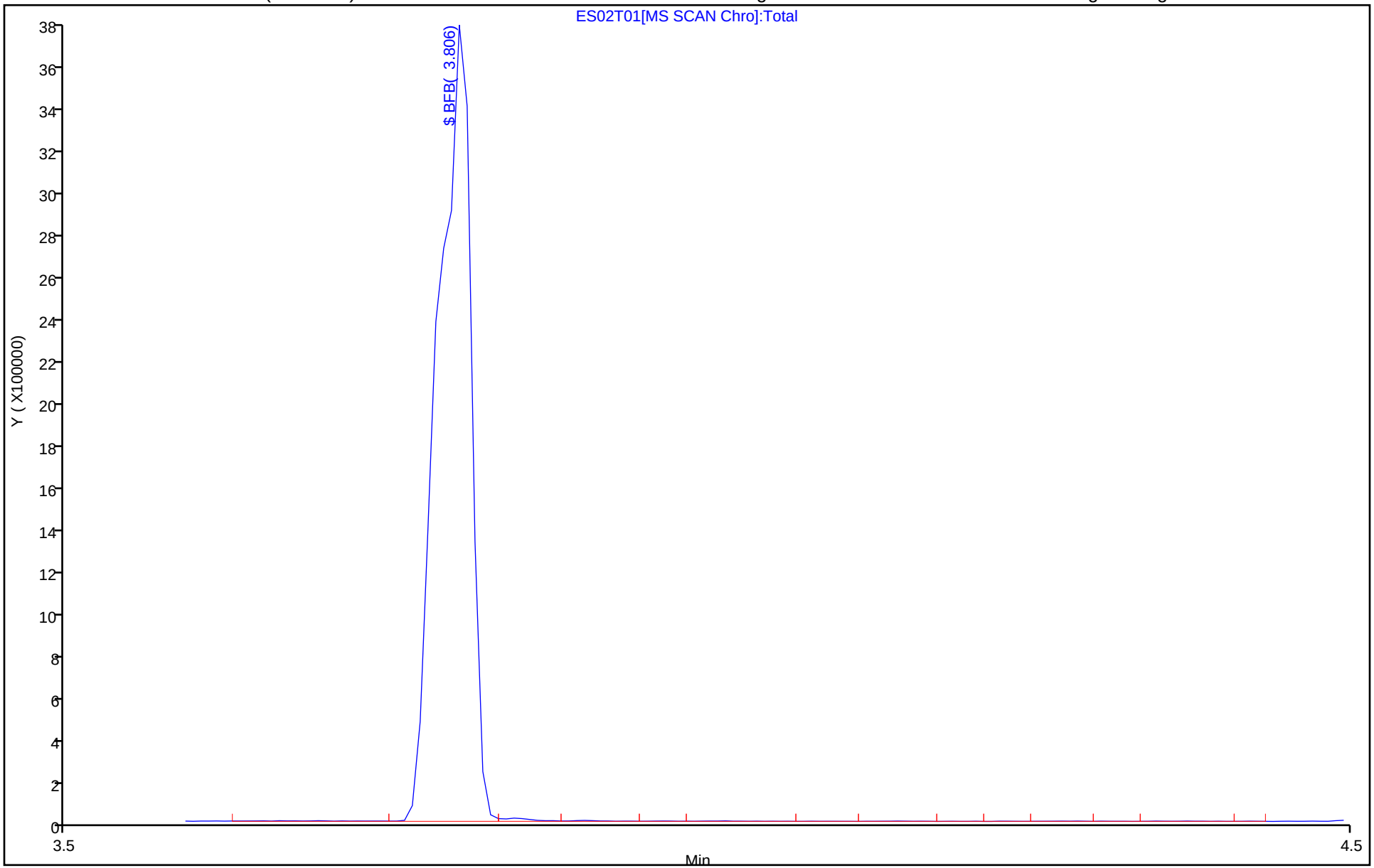
Report Date: 03-Sep-2025 08:28:44 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02T01.D

Injection Date:	02-Sep-2025 23:06:30	Instrument ID:	15648	Operator ID:	gaw91131
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\15648\20250904-158623.b\ES04T01.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	04-Sep-2025 08:51:30	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Sample Info:	410-0158623-001				
Misc. Info.:	BFB				
Operator ID:	knk41612	Instrument ID:	15648		
Method:	\\chromfs\Lancaster\ChromData\15648\20250904-158623.b\MSVoa_15648.m				
Limit Group:	MSV - 8260C_D				
Last Update:	04-Sep-2025 10:31:12	Calib Date:	03-Sep-2025 04:40:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D				
Column 1 :	DB-624 20m 0.18mm (0.18 mm)		Det: MS Quad		
Process Host:	CTX1705				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 55 BFB	95	3.806	3.806	0.000	0	1195808	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

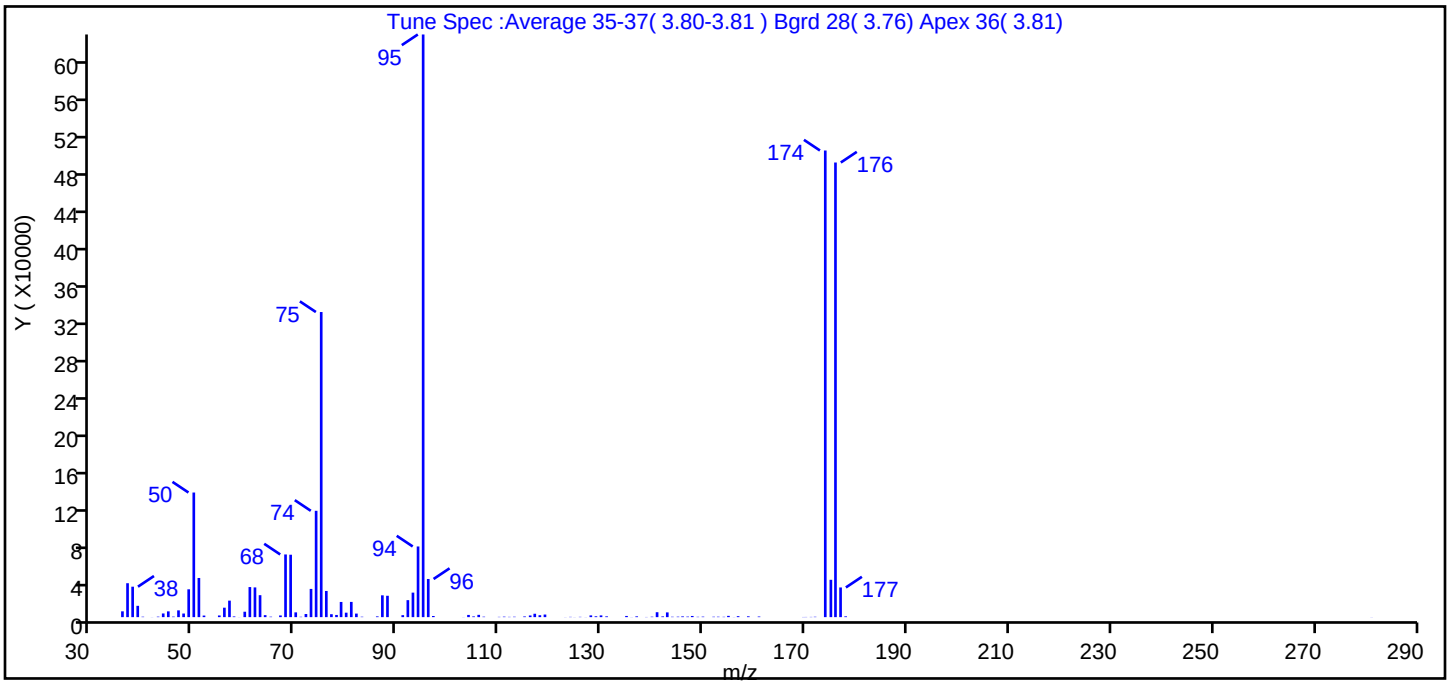
MSV_V_BFB_00019 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20250904-158623.b\ES04T01.D				
Injection Date:	04-Sep-2025 08:51:30	Instrument ID:	15648		
Lims ID:	BFB				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Tune Method:	BFB Method 8260				

$ 55 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.4
75	30 to 60% of m/z 95	52.4
96	5 to 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	80.1
175	5 to 9% of m/z 174	6.4 (8.0)
176	Greater than 95% but less than 101% of m/z 174	78.0 (97.4)
177	5 to 9% of m/z 176	5.1 (6.5)

Data File: \\chromfs\Lancaster\ChromData\15648\20250904-158623.b\ES04T01.D\MSVoa_15648.rslt\spectra.d
Injection Date: 04-Sep-2025 08:51:30
Spectrum: Tune Spec :Average 35-37(3.80-3.81) Bgrd 28(3.76) Apex 36(3.81)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 110

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	6201	68.00	66840	105.00	766	143.00	5065
37.00	36176	69.00	66552	106.00	2451	144.00	421
38.00	32472	70.00	5094	107.00	489	145.00	507
39.00	12065	71.00	381	110.00	302	146.00	795
40.00	458	72.00	3331	111.00	518	147.00	571
42.00	86	73.00	30096	112.00	302	148.00	1246
43.00	516	74.00	113376	113.00	442	149.00	364
44.00	3922	75.00	325312	115.00	740	150.00	538
45.00	6160	76.00	27912	116.00	1781	152.00	441
46.00	552	77.00	3127	117.00	3618	153.00	466
47.00	7229	78.00	2341	118.00	2042	154.00	357
48.00	3866	79.00	16195	119.00	2770	155.00	1368
49.00	29680	80.00	4761	123.00	98	156.00	98
50.00	132864	81.00	16242	124.00	299	157.00	1025
51.00	41752	82.00	3787	125.00	96	159.00	868
52.00	1683	83.00	448	126.00	319	161.00	660
55.00	1784	86.00	804	127.00	89	170.00	180
56.00	10078	87.00	23264	128.00	1864	170.00	211
57.00	17608	88.00	22792	129.00	905	171.00	248
58.00	739	91.00	2108	130.00	1856	172.00	406
59.00	93	92.00	18120	131.00	839	174.00	497536
60.00	5779	93.00	26144	135.00	1262	175.00	39824
61.00	32080	94.00	75352	136.00	95	176.00	484736
62.00	31696	95.00	621248	137.00	854	177.00	31656
63.00	23416	96.00	40680	139.00	192	178.00	833
64.00	2129	97.00	1213	140.00	489	281.00	98
65.00	483	103.00	94	141.00	5247		
67.00	1789	104.00	2370	142.00	784		

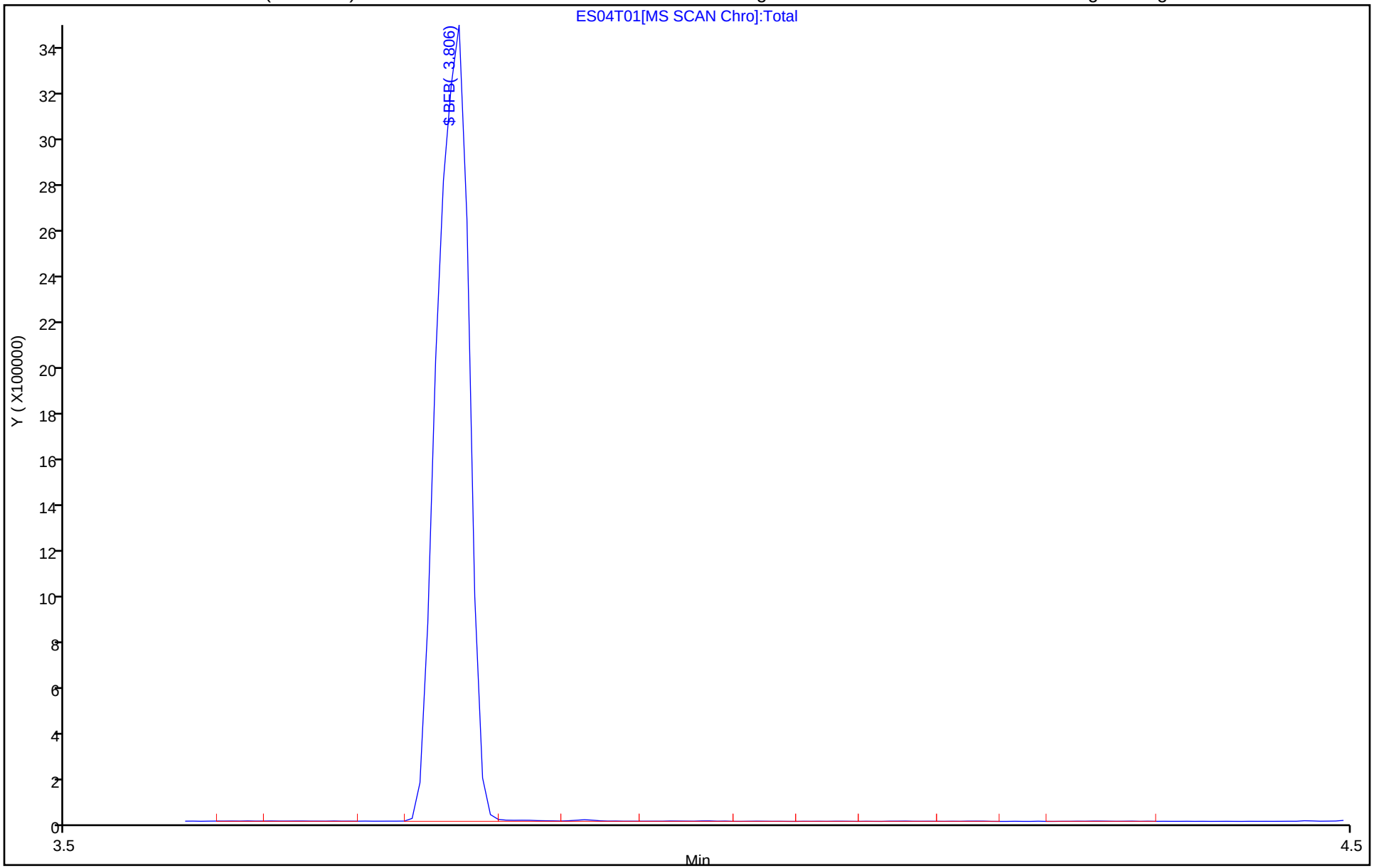
Report Date: 04-Sep-2025 10:31:13 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20250904-158623.b\ES04T01.D

Injection Date:	04-Sep-2025 08:51:30	Instrument ID:	15648	Operator ID:	knk41612
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16T51.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 16-Oct-2025 18:49:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0163464-001
Misc. Info.: BFB
Operator ID: MCD07824 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 16-Oct-2025 19:43:06 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1637

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 55 BFB	95	3.806	3.806	0.000	0	1492386	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

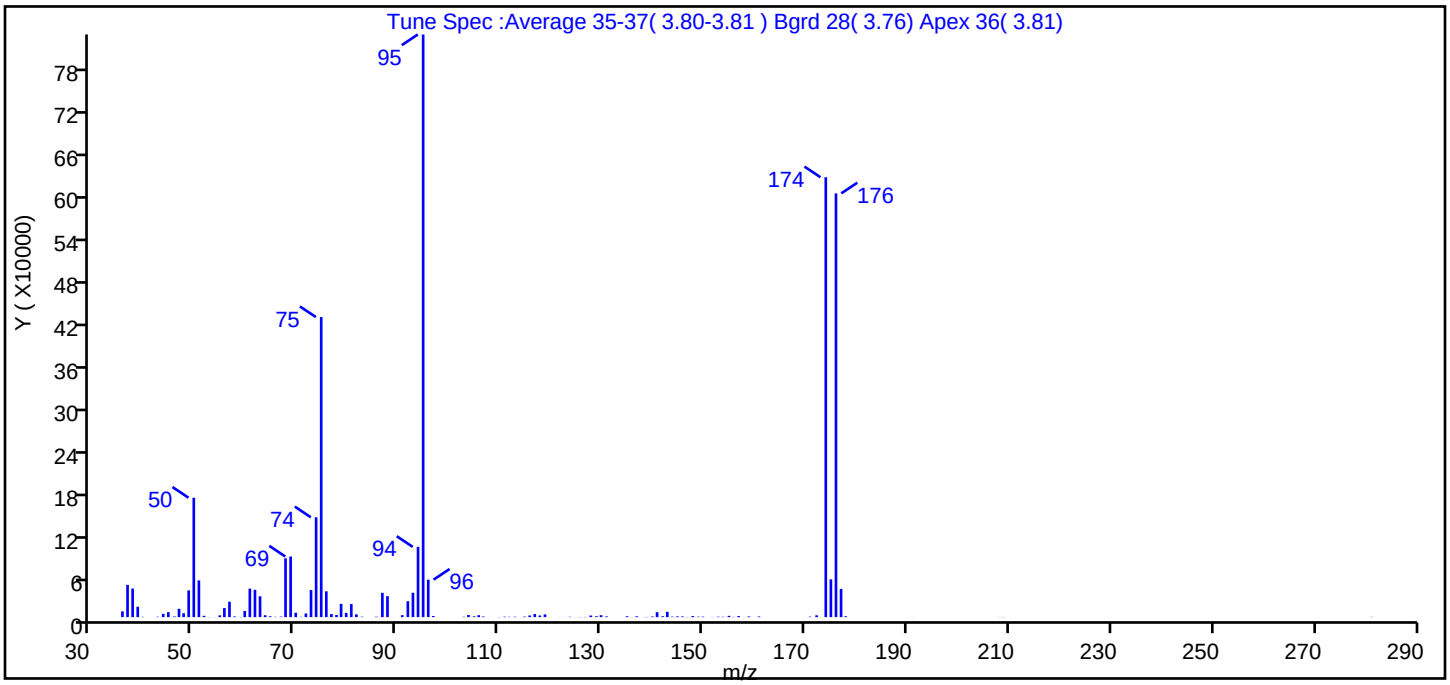
MSV_V_BFB_00019 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16T51.D
Injection Date: 16-Oct-2025 18:49:30 Instrument ID: 15648
Lims ID: BFB
Client ID:
Operator ID: MCD07824 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: MSVoa_15648 Limit Group: MSV - 8260C_D
Tune Method: BFB Method 8260

$ 55 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.5
75	30 to 60% of m/z 95	51.5
96	5 to 9% of m/z 95	6.4
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	75.5
175	5 to 9% of m/z 174	6.5 (8.6)
176	Greater than 95% but less than 101% of m/z 174	72.7 (96.3)
177	5 to 9% of m/z 176	4.8 (6.7)

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16T51.D\MSVoa_15648.rslt\spectra.d
Injection Date: 16-Oct-2025 18:49:30
Spectrum: Tune Spec :Average 35-37(3.80-3.81) Bgrd 28(3.76) Apex 36(3.81)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 117

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	8206	68.00	83368	107.00	908	145.00	1109
37.00	45752	69.00	85960	110.00	228	146.00	1004
38.00	40488	70.00	6162	111.00	652	147.00	245
39.00	14775	71.00	384	112.00	473	148.00	1569
40.00	468	72.00	5214	113.00	584	149.00	633
43.00	576	73.00	38392	115.00	770	150.00	721
44.00	4709	74.00	141632	116.00	2320	152.00	213
45.00	7079	75.00	425472	117.00	4382	153.00	647
46.00	932	76.00	36648	118.00	2347	154.00	496
47.00	11813	77.00	4404	119.00	3922	155.00	1828
48.00	5521	78.00	3071	122.00	127	156.00	343
49.00	37976	79.00	18880	123.00	105	157.00	1598
50.00	169344	80.00	6112	124.00	472	158.00	89
51.00	52040	81.00	18560	125.00	160	159.00	998
52.00	1895	82.00	3972	126.00	240	161.00	957
53.00	205	83.00	609	127.00	300	170.00	86
54.00	113	86.00	629	128.00	2313	171.00	655
55.00	2545	87.00	34488	129.00	1257	172.00	2625
56.00	12852	88.00	29776	130.00	2777	174.00	623744
57.00	21856	91.00	2781	131.00	1006	175.00	53640
58.00	1014	92.00	22608	135.00	1289	176.00	600896
59.00	237	93.00	34552	136.00	102	177.00	40040
60.00	8804	94.00	99648	137.00	1148	178.00	1224
61.00	40448	95.00	826176	139.00	257	191.00	105
62.00	38760	96.00	53128	139.00	263	208.00	202
63.00	29568	97.00	1524	140.00	896	209.00	220
64.00	2739	103.00	486	141.00	6964	281.00	371
65.00	1171	104.00	3040	142.00	1248		
66.00	418	105.00	1108	143.00	7590		
67.00	735	106.00	2757	144.00	654		

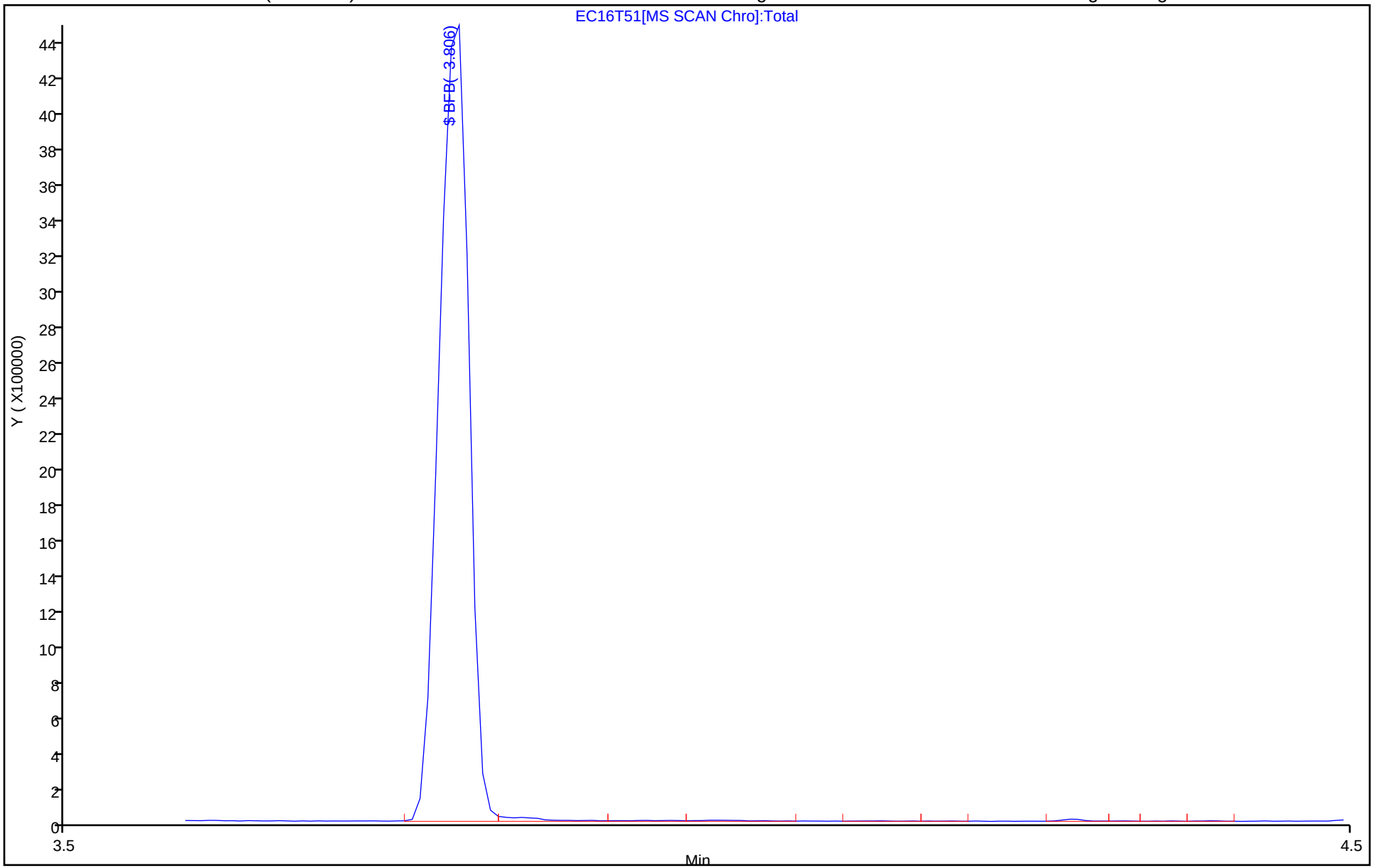
Report Date: 16-Oct-2025 19:43:06 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16T51.D

Injection Date:	16-Oct-2025 18:49:30	Instrument ID:	15648	Operator ID:	MCD07824
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17T01.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 17-Oct-2025 09:13:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0163548-001
Misc. Info.: BFB
Operator ID: HEC94097 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 15:19:42 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1623

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 55 BFB	95	3.806	3.806	0.000	0	1440294	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

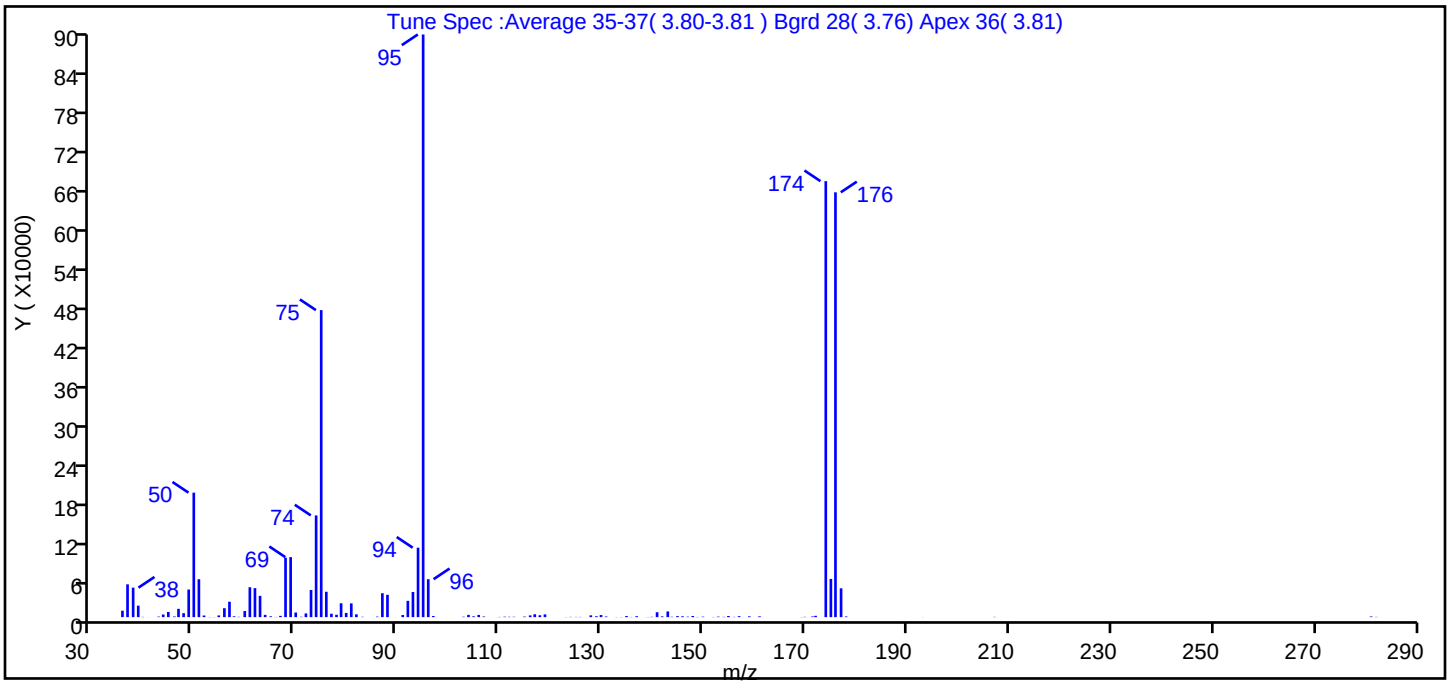
MSV_V_BFB_00019 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17T01.D
Injection Date: 17-Oct-2025 09:13:30 Instrument ID: 15648
Lims ID: BFB
Client ID:
Operator ID: HEC94097 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: MSVoa_15648 Limit Group: MSV - 8260C_D
Tune Method: BFB Method 8260

$ 55 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.4
75	30 to 60% of m/z 95	52.7
96	5 to 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	74.8
175	5 to 9% of m/z 174	6.6 (8.8)
176	Greater than 95% but less than 101% of m/z 174	72.9 (97.4)
177	5 to 9% of m/z 176	4.9 (6.8)

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17T01.D\MSVoa_15648.rslt\spectra.d
Injection Date: 17-Oct-2025 09:13:30
Spectrum: Tune Spec :Average 35-37(3.80-3.81) Bgrd 28(3.76) Apex 36(3.81)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 122

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	9885	68.00	91448	107.00	931	144.00	568
37.00	50456	69.00	92296	110.00	100	145.00	1584
38.00	45376	70.00	7131	110.00	323	146.00	1271
39.00	17720	71.00	600	111.00	693	147.00	731
40.00	396	72.00	5724	112.00	555	148.00	1768
41.00	102	73.00	41776	113.00	539	149.00	310
43.00	809	74.00	156480	115.00	869	150.00	737
44.00	4057	75.00	472256	116.00	2687	152.00	283
45.00	7990	76.00	39056	117.00	4426	153.00	790
46.00	1016	77.00	5212	118.00	2889	154.00	440
47.00	12814	78.00	3666	119.00	4215	155.00	1793
48.00	6095	79.00	21328	123.00	206	156.00	397
49.00	42472	80.00	6464	124.00	403	157.00	1491
50.00	191488	81.00	21160	125.00	361	158.00	117
51.00	58320	82.00	4280	126.00	330	159.00	1243
52.00	2530	83.00	507	127.00	86	161.00	1207
53.00	246	86.00	799	128.00	2781	169.00	233
54.00	203	87.00	36808	129.00	1355	170.00	455
55.00	2617	88.00	34360	130.00	3229	171.00	1010
56.00	13765	90.00	95	131.00	973	172.00	2040
57.00	23704	91.00	3246	133.00	232	174.00	670592
58.00	1248	92.00	25064	134.00	244	175.00	58776
59.00	445	93.00	38712	135.00	1682	176.00	653440
60.00	9402	94.00	106816	136.00	292	177.00	44344
61.00	46000	95.00	896192	137.00	1428	178.00	1032
62.00	44616	96.00	58376	139.00	97	193.00	121
63.00	32736	97.00	1702	139.00	268	207.00	421
64.00	3478	103.00	614	140.00	522	281.00	1024
65.00	1256	104.00	3449	141.00	7544	282.00	371
66.00	287	105.00	1239	142.00	1148		
67.00	1980	106.00	3413	143.00	8756		

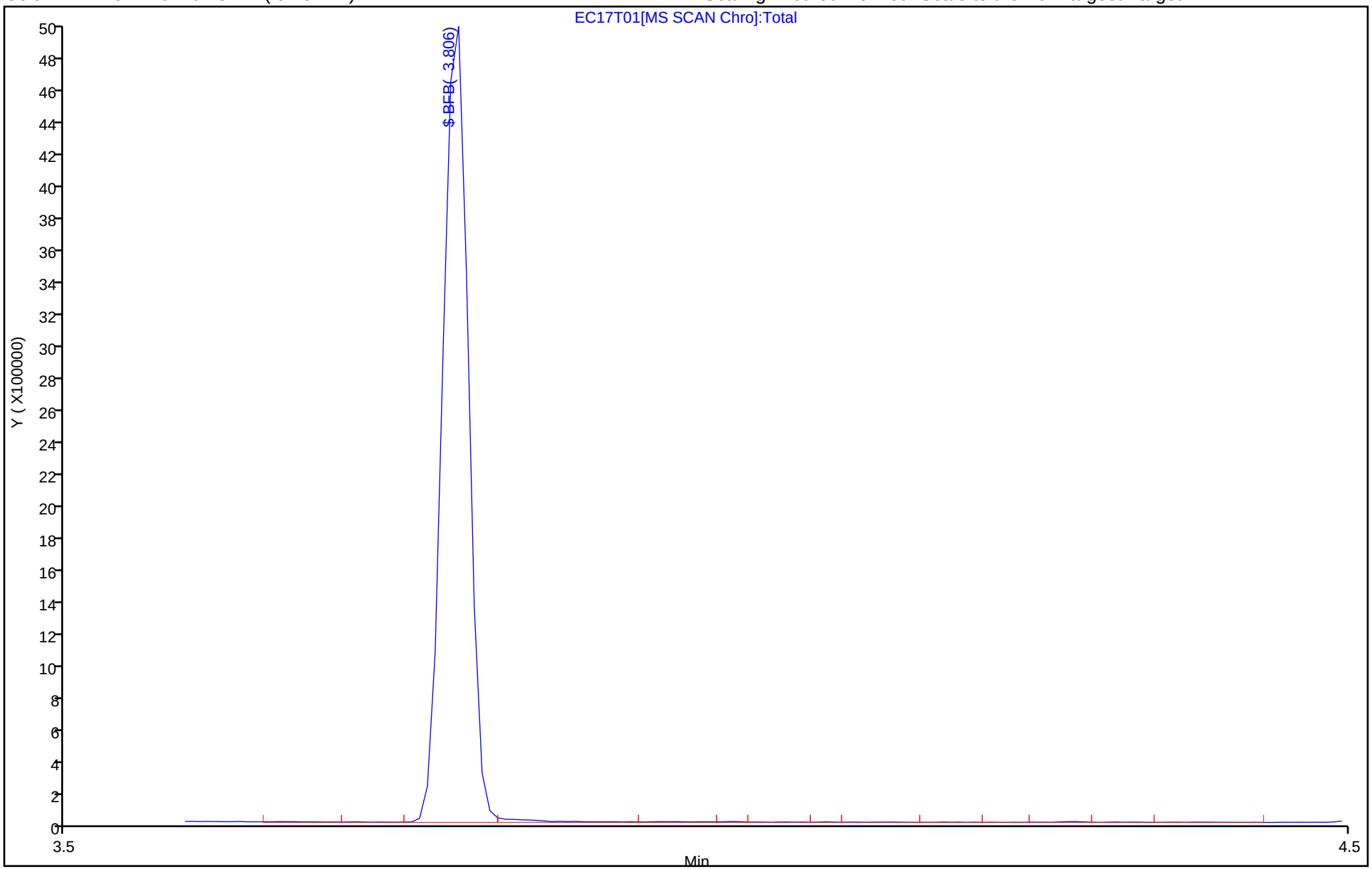
Report Date: 17-Oct-2025 15:19:43 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17T01.D

Injection Date:	17-Oct-2025 09:13:30	Instrument ID:	15648	Operator ID:	HEC94097
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-715287/6

Matrix: Water
Lab File ID: EC16X55.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 10/16/2025 20:20

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715287
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-715287/6

Matrix: Water
Lab File ID: EC16X55.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 10/16/2025 20:20

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715287
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		80-120
460-00-4	4-Bromofluorobenzene (Surr)	93		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		80-120
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X55.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 16-Oct-2025 20:20:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163464-006
Operator ID: MCD07824 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 16-Oct-2025 21:36:32 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1637

First Level Reviewer: Y6ZN Date: 16-Oct-2025 21:36:32

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	116		1.037					ND	
3	Chlorodifluoromethane	51		1.061					ND	U
2	Dichlorodifluoromethane	85		1.073					ND	
4	Chloromethane	50		1.183					ND	7
5	Butadiene	39		1.220					ND	
6	Vinyl chloride	62		1.244					ND	
7	2-Chloro-1,1,1-Trifluoroethane	118		1.244					ND	
9	Chloroethane	64		1.421					ND	
8	Bromomethane	94		1.421					ND	
10	Dichlorofluoromethane	67		1.537					ND	
11	Pentane	43		1.567					ND	U
12	Trichlorofluoromethane	101		1.610					ND	
13	Ethanol	45		1.616					ND	7
14	Ethyl ether	59		1.689					ND	
15	1,2-Dichloro-1,1,2-trifluoroetha	67		1.720					ND	
16	Acrolein	56		1.762					ND	
17	1,1-Dichloroethene	96		1.841					ND	
18	Acetone	58		1.860					ND	
19	1,1,2-Trichloro-1,2,2-trifluoroe	101		1.884					ND	
20	Isopropyl alcohol	45		1.933					ND	7
22	Iodomethane	142		1.951					ND	
23	Carbon disulfide	76		2.000					ND	U
24	Acetonitrile	41		2.043					ND	
25	3-Chloro-1-propene	41		2.073					ND	7
26	Methyl acetate	43		2.073					ND	7
28	Methylene Chloride	84		2.158					ND	
* 27	t-Butyl alcohol-d10 (IS)	65	2.171	2.165	0.006	26	215111	250.0	250.0	
29	2-Methyl-2-propanol	59		2.238					ND	
31	Acrylonitrile	53		2.329					ND	
32	trans-1,2-Dichloroethene	96		2.372					ND	
33	Methyl tert-butyl ether	73		2.378					ND	
34	Hexane	57		2.597					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63		2.713					ND	
36 Vinyl acetate	43		2.756					ND	7
37 Isopropyl ether	45		2.793					ND	7
38 2-Chloro-1,3-butadiene	53		2.799					ND	
39 Tert-butyl ethyl ether	59		3.122					ND	
40 cis-1,2-Dichloroethene	96		3.238					ND	
41 2-Butanone (MEK)	43		3.238					ND	7
42 2,2-Dichloropropane	77		3.250					ND	
44 Propionitrile	54		3.280					ND	
45 Ethyl acetate	43		3.305					ND	7
43 Methyl acrylate	55		3.341					ND	
46 Methacrylonitrile	67		3.427					ND	
47 Chlorobromomethane	128		3.451					ND	
48 Tetrahydrofuran	71		3.488					ND	
49 Chloroform	83		3.530					ND	
$ 50 Dibromofluoromethane (Surr)	113	3.683	3.676	0.007	92	260406	50.0	51.1	
51 1,1,1-Trichloroethane	97		3.713					ND	
53 Cyclohexane	56		3.768					ND	
58 1,1-Dichloropropene	75		3.859					ND	
59 Carbon tetrachloride	117		3.872					ND	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	3.994	3.994	0.000	81	391845	50.0	52.9	
78 Isobutyl alcohol	41		3.994					ND	7
84 Benzene	78		4.054					ND	7
85 1,2-Dichloroethane	62		4.067					ND	
86 Isopropyl acetate	43		4.164					ND	
87 Tert-amyl methyl ether	73		4.189					ND	
* 88 Fluorobenzene (IS)	96	4.329	4.329	0.000	98	1076217	50.0	50.0	
89 n-Heptane	43		4.347					ND	7
96 n-Butanol	56		4.664					ND	
97 Trichloroethene	95		4.701					ND	
99 Ethyl acrylate	55		4.902					ND	7
98 Methylcyclohexane	83		4.902					ND	7
100 1,2-Dichloropropane	63		4.914					ND	
101 2-ethoxy-2-methyl butane	87		4.993					ND	
102 Dibromomethane	93		5.030					ND	
103 1,4-Dioxane	88		5.066					ND	
104 Methyl methacrylate	69		5.073					ND	
105 n-Propyl acetate	61		5.152					ND	
106 Dichlorobromomethane	83		5.207					ND	
107 2-Nitropropane	41		5.438					ND	
108 2-Chloroethyl vinyl ether	63		5.548					ND	
109 cis-1,3-Dichloropropene	75		5.682					ND	7
110 4-Methyl-2-pentanone (MIBK)	43		5.865					ND	7
$ 111 Toluene-d8 (Surr)	98	5.969	5.969	0.000	95	1085501	50.0	50.3	
112 Toluene	92		6.036					ND	
S 113 1,2-Dichloroethene, Total	100		6.155					ND	7
114 trans-1,3-Dichloropropene	75		6.286					ND	
115 Ethyl methacrylate	69		6.432					ND	
116 1,1,2-Trichloroethane	97		6.475					ND	
117 Tetrachloroethene	166		6.627					ND	
119 1,3-Dichloropropane	76		6.658					ND	
120 3,4-Dichloro-1-butene	75		6.713					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
121 2-Hexanone	43		6.786					ND	7
122 Chlorodibromomethane	129		6.895					ND	
123 n-Butyl acetate	43		6.962					ND	
124 Ethylene Dibromide	107		7.005					ND	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.517	0.000	89	766164	50.0	50.0	
127 Chlorobenzene	112		7.548					ND	7
128 1-Chlorohexane	91		7.566					ND	U
129 1,1,1,2-Tetrachloroethane	131		7.639					ND	
130 Ethylbenzene	91		7.676					ND	
131 t-Amyl alcohol	73		7.741					ND	
132 m-Xylene & p-Xylene	106		7.798					ND	
133 o-Xylene	106		8.157					ND	
134 n-Butyl acrylate	55		8.169					ND	
135 Styrene	104		8.170					ND	
136 Bromoform	173		8.304					ND	7
137 Isopropylbenzene	105		8.487					ND	
138 Cyclohexanone	55		8.535					ND	7
139 cis-1,4-Dichloro-2-butene	88		8.541					ND	U
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	84	369514	50.0	46.3	
142 Bromobenzene	156		8.712					ND	
143 1,1,2,2-Tetrachloroethane	83		8.730					ND	
144 1,2,3-Trichloropropane	110		8.755					ND	
145 trans-1,4-Dichloro-2-butene	53		8.779					ND	
146 N-Propylbenzene	91		8.822					ND	7
147 2-Chlorotoluene	126		8.877					ND	
148 4-Chlorotoluene	126		8.968					ND	
149 1,3,5-Trimethylbenzene	105		8.974					ND	
150 2,3,4-Trichlorobutene	109		9.011					ND	
152 tert-Butylbenzene	134		9.218					ND	
151 Pentachloroethane	167		9.218					ND	
153 1,2,4-Trimethylbenzene	105		9.255					ND	
154 sec-Butylbenzene	105		9.383					ND	7
155 1,3-Dichlorobenzene	146		9.450					ND	7
156 4-Isopropyltoluene	119		9.499					ND	7
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	97	382731	50.0	50.0	
159 1,4-Dichlorobenzene	146		9.517					ND	7
160 1,2,3-Trimethylbenzene	105		9.566					ND	7
161 Benzyl chloride	91		9.620					ND	
162 1,3-Diethylbenzene	119		9.718					ND	U
163 p-Diethylbenzene	119		9.779					ND	7
164 1,2-Dichlorobenzene	146		9.785					ND	
165 n-Butylbenzene	92		9.791					ND	7
166 o-diethylbenzene	119		9.858					ND	7
S 168 1,3-Dichloropropene, Total	100		10.060					ND	7
169 1,2-Dibromo-3-Chloropropane	75		10.322					ND	
170 1,3,5-Trichlorobenzene	180		10.474					ND	
171 1,2,4-Trichlorobenzene	180		10.882					ND	
172 Hexachlorobutadiene	225		11.004					ND	7
173 2-Ethylhexyl acrylate	55		11.029					ND	
174 Naphthalene	128		11.041					ND	7
175 1,2,3-Trichlorobenzene	180		11.199					ND	7
S 176 Xylenes, Total	106		11.245					ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
177 2-Methylnaphthalene	142		11.760					ND	7
178 Hexachloroethane	201		13.560					ND	
179 C4-C10	1		0.000					ND	
212 sec-Butyl Alcohol TIC	1		0.000					ND	
213 1,3-Divinylbenzene	1		0.000					ND	
214 n-Octane	1		0.000					ND	
215 Undecane	1		0.000					ND	
216 Ethyl bromide	1		0.000					ND	
217 Chloroacetonitrile	1		0.000					ND	
218 1-Chlorobutane	1		0.000					ND	
219 Dimethylformamide TIC	1		0.000					ND	
208 3-Pentanone TIC	1		0.000					ND	
209 2-Butoxyethyl acetate	1		0.000					ND	
210 Gasoline (Unleaded)	1		0.000					ND	
$ 211 trans-1,2,3-Trichlorobutene-2 TI	1		0.000					ND	
220 1-Methylnaphthalene	142		0.000					ND	
225 1,1,1,2-Tetrafluoroethane TIC	1		0.000					ND	
226 2-ethoxy-2-methyl butane TIC	1		0.000					ND	
227 2,3-Dimethylbutane TIC	1		0.000					ND	
228 2,2-Dimethylbutane TIC	1		0.000					ND	
229 Methylcyclopentane TIC	1		0.000					ND	
230 Decamethylcyclopentasiloxane TIC	1		0.000					ND	
231 Dimethyl Sulfide TIC	1		0.000					ND	
232 2,2-Dimethylpropane TIC	1		0.000					ND	
221 2-Methylhexane TIC	1		0.000					ND	
222 1-Methylnaphthalene (TIC)	1		0.000					ND	
223 3-Methylpentane TIC	1		0.000					ND	
224 Cyclopentane TIC	1		0.000					ND	
207 4-Ethyltoluene	1		0.000					ND	
206 cis-1,2,3-Trichlorobutene-2	1		0.000					ND	
205 Butane	1		0.000					ND	
S 183 divinyl benzene	1		0.000					ND	7
184 trans-1,2,3-Trichlorobutene-2	1		0.000					ND	
185 3-chloro-1-Butene	1		0.000					ND	
186 n-Nonane	1		0.000					ND	
187 C5-C12	1		0.000					ND	
188 Isobutyl acetate	43		0.000					ND	
189 1-Bromo-2-chloroethane	1		0.000					ND	
S 190 Total BTEX	1		0.000					ND	
191 Propanol	1		0.000					ND	
180 sec-Butyl Alcohol	45		0.000					ND	
181 Methylal	1		0.000					ND	
182 2,3-Dichloro-1,3-butadiene	1		0.000					ND	
192 tert-Butyl Formate	1		0.000					ND	
196 1,1-Dichloro-1-fluoroethane	1		0.000					ND	
197 Dodecane	57		0.000					ND	
198 n-Decane	57		0.000					ND	
199 C6-C12	1		0.000					ND	
200 1,4-Divinylbenzene	1		0.000					ND	
201 1,1,2,2-Tetrachloro-1,2-difluoro	1		0.000					ND	
202 C4-C12	1		0.000					ND	
203 3-Methyl-1-butene	1		0.000					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
204 Propene oxide	1		0.000					ND	
S 193 Total Diethylbenzene	1		0.000					ND	7
194 Diethoxymethane	1		0.000					ND	
195 C6-C10	1		0.000					ND	
233 3-Methylhexane TIC	1		0.000					ND	
234 C7-C12	1		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00048 Amount Added: 5.00 Units: uL Run Reagent

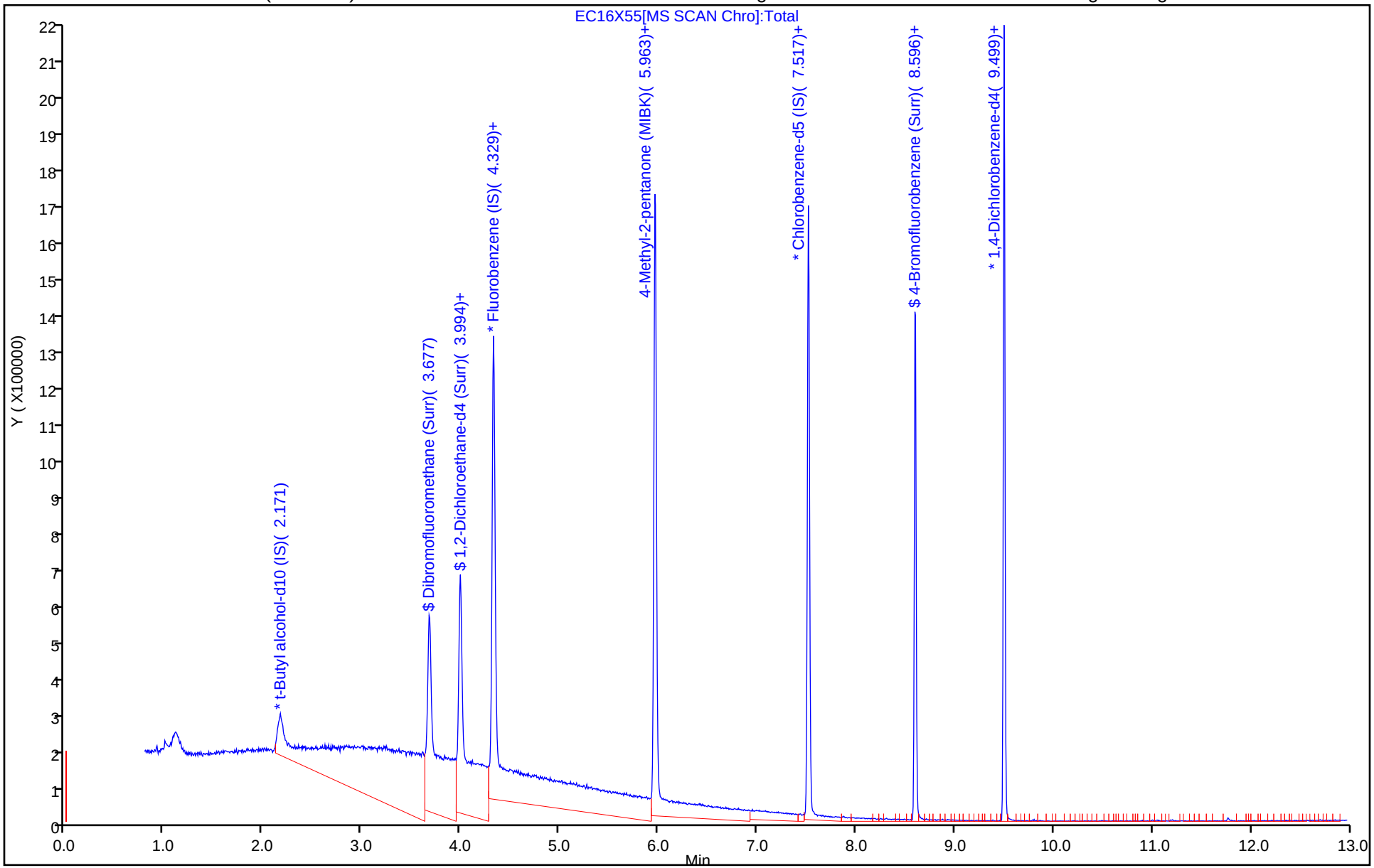
Report Date: 16-Oct-2025 21:37:17 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X55.D

Injection Date:	16-Oct-2025 20:20:30	Instrument ID:	15648	Operator ID:	MCD07824
Lims ID:	MB			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X55.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 16-Oct-2025 20:20:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163464-006
Operator ID: MCD07824 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 16-Oct-2025 21:36:32 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1637

First Level Reviewer: Y6ZN Date: 16-Oct-2025 21:36:32

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	51.1	102.20
$ 79 1,2-Dichloroethane-d4 (Surr)	50.0	52.9	105.70
$ 111 Toluene-d8 (Surr)	50.0	50.3	100.61
$ 140 4-Bromofluorobenzene (Surr)	50.0	46.3	92.61

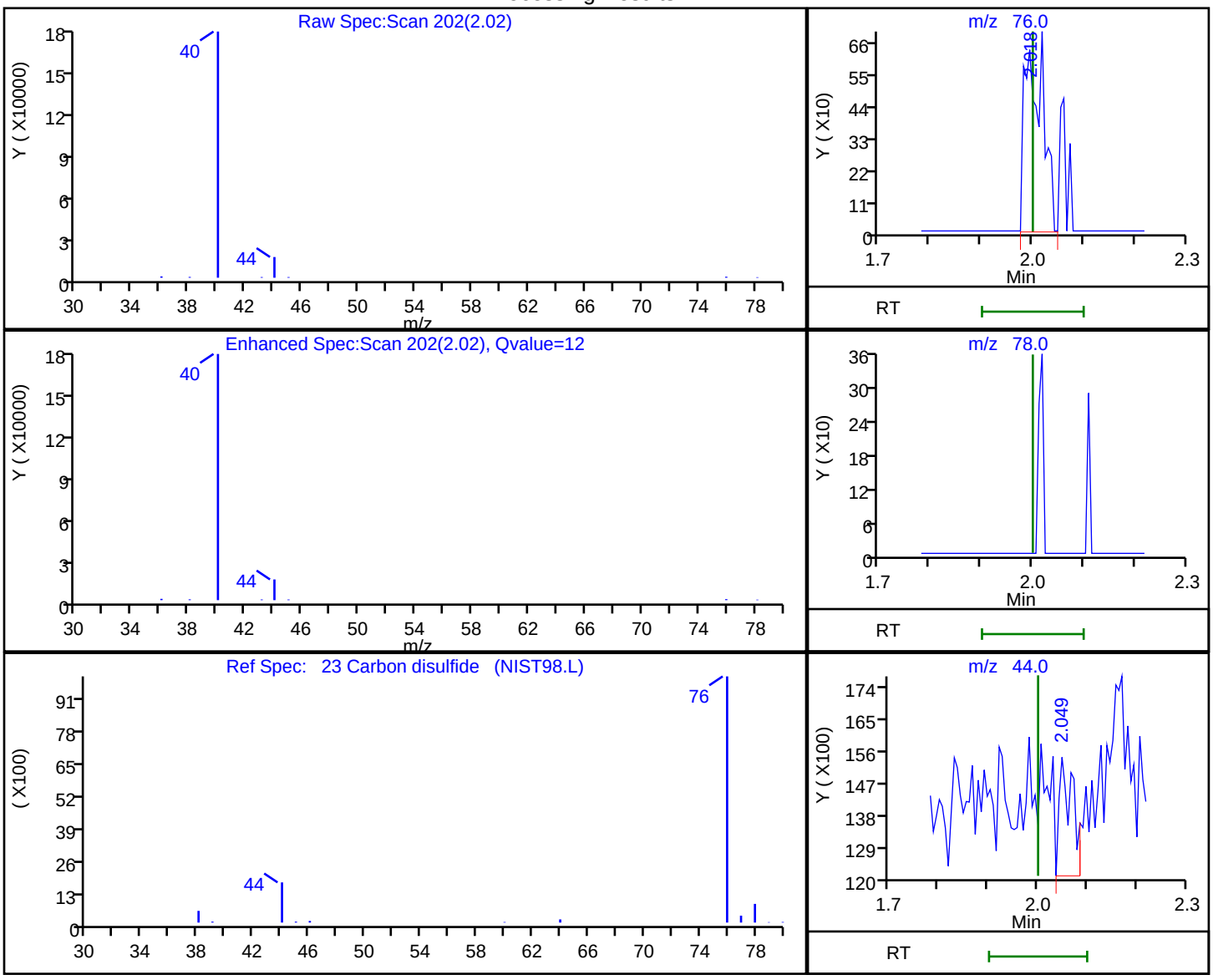
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X55.D				
Injection Date:	16-Oct-2025 20:20:30	Instrument ID:	15648		
Lims ID:	MB				
Client ID:					
Operator ID:	MCD07824	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

23 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.02	76.00	1655	0.130952
2.05	44.00	6261	
2.00	78.00	0	

Reviewer: Y6ZN, 16-Oct-2025 21:36:14 -04:00:00 (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.: 410-246092-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-715649/7

Matrix: Water
Lab File ID: EC17X06.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 11:16

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715649
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-715649/7

Matrix: Water
Lab File ID: EC17X06.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 11:16

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715649
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		80-120
460-00-4	4-Bromofluorobenzene (Surr)	91		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		80-120
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X06.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Oct-2025 11:16:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163548-007
Operator ID: HEC94097 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 15:18:14 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1623

First Level Reviewer: WJ7F Date: 17-Oct-2025 12:30:34

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	116		1.037					ND	
3	Chlorodifluoromethane	51		1.061					ND	7
2	Dichlorodifluoromethane	85		1.073					ND	
4	Chloromethane	50		1.183					ND	U
5	Butadiene	39		1.220					ND	7
6	Vinyl chloride	62		1.244					ND	
7	2-Chloro-1,1,1-Trifluoroethane	118		1.244					ND	
9	Chloroethane	64		1.421					ND	
8	Bromomethane	94		1.421					ND	
10	Dichlorofluoromethane	67		1.537					ND	
11	Pentane	43		1.573					ND	7
12	Trichlorofluoromethane	101		1.610					ND	
13	Ethanol	45		1.616					ND	U
14	Ethyl ether	59		1.689					ND	
15	1,2-Dichloro-1,1,2-trifluoroetha	67		1.719					ND	
16	Acrolein	56		1.762					ND	
17	1,1-Dichloroethene	96		1.841					ND	
18	Acetone	58		1.854					ND	
19	1,1,2-Trichloro-1,2,2-trifluoroe	101		1.878					ND	
20	Isopropyl alcohol	45		1.939					ND	7
22	Iodomethane	142		1.945					ND	
23	Carbon disulfide	76		2.000					ND	U
24	Acetonitrile	41		2.043					ND	
25	3-Chloro-1-propene	41		2.067					ND	7
26	Methyl acetate	43		2.073					ND	7
28	Methylene Chloride	84		2.165					ND	
* 27	t-Butyl alcohol-d10 (IS)	65	2.164	2.165	0.000	35	215103	250.0	250.0	
29	2-Methyl-2-propanol	59		2.225					ND	7
31	Acrylonitrile	53		2.329					ND	
32	trans-1,2-Dichloroethene	96		2.366					ND	
33	Methyl tert-butyl ether	73		2.384					ND	
34	Hexane	57		2.597					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63		2.713					ND	
36 Vinyl acetate	43		2.756					ND	7
37 Isopropyl ether	45		2.792					ND	7
38 2-Chloro-1,3-butadiene	53		2.799					ND	
39 Tert-butyl ethyl ether	59		3.116					ND	
40 cis-1,2-Dichloroethene	96		3.231					ND	
41 2-Butanone (MEK)	43		3.231					ND	U
42 2,2-Dichloropropane	77		3.250					ND	
44 Propionitrile	54		3.286					ND	
45 Ethyl acetate	43		3.305					ND	7
43 Methyl acrylate	55		3.341					ND	
46 Methacrylonitrile	67		3.433					ND	
47 Chlorobromomethane	128		3.445					ND	
48 Tetrahydrofuran	71		3.487					ND	
49 Chloroform	83		3.530					ND	
$ 50 Dibromofluoromethane (Surr)	113	3.670	3.676	-0.006	92	265450	50.0	51.2	
51 1,1,1-Trichloroethane	97		3.707					ND	
53 Cyclohexane	56		3.768					ND	
58 1,1-Dichloropropene	75		3.859					ND	
59 Carbon tetrachloride	117		3.865					ND	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	3.987	3.993	-0.006	81	410876	50.0	54.5	
78 Isobutyl alcohol	41		3.993					ND	
84 Benzene	78		4.054					ND	7
85 1,2-Dichloroethane	62		4.067					ND	7
86 Isopropyl acetate	43		4.164					ND	
87 Tert-amyl methyl ether	73		4.189					ND	
* 88 Fluorobenzene (IS)	96	4.329	4.329	0.000	98	1095129	50.0	50.0	
89 n-Heptane	43		4.347					ND	7
96 n-Butanol	56		4.664					ND	
97 Trichloroethene	95		4.695					ND	
98 Methylcyclohexane	83		4.902					ND	
99 Ethyl acrylate	55		4.902					ND	
100 1,2-Dichloropropane	63		4.914					ND	
101 2-ethoxy-2-methyl butane	87		4.993					ND	
102 Dibromomethane	93		5.030					ND	
103 1,4-Dioxane	88		5.060					ND	
104 Methyl methacrylate	69		5.072					ND	
105 n-Propyl acetate	61		5.152					ND	
106 Dichlorobromomethane	83		5.207					ND	
107 2-Nitropropane	41		5.438					ND	
108 2-Chloroethyl vinyl ether	63		5.548					ND	
109 cis-1,3-Dichloropropene	75		5.682					ND	
110 4-Methyl-2-pentanone (MIBK)	43		5.865					ND	7
$ 111 Toluene-d8 (Surr)	98	5.963	5.963	0.000	95	1098456	50.0	50.5	
112 Toluene	92		6.036					ND	7
S 113 1,2-Dichloroethene, Total	100		6.155					ND	7
114 trans-1,3-Dichloropropene	75		6.286					ND	
115 Ethyl methacrylate	69		6.426					ND	
116 1,1,2-Trichloroethane	97		6.475					ND	
117 Tetrachloroethene	166		6.627					ND	
119 1,3-Dichloropropane	76		6.651					ND	
120 3,4-Dichloro-1-butene	75		6.713					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
121 2-Hexanone	43		6.786					ND	7
122 Chlorodibromomethane	129		6.895					ND	
123 n-Butyl acetate	43		6.962					ND	
124 Ethylene Dibromide	107		7.005					ND	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.517	0.000	89	772432	50.0	50.0	
127 Chlorobenzene	112		7.548					ND	7
128 1-Chlorohexane	91		7.566					ND	U
129 1,1,1,2-Tetrachloroethane	131		7.639					ND	
130 Ethylbenzene	91		7.676					ND	
131 t-Amyl alcohol	73		7.741					ND	
132 m-Xylene & p-Xylene	106		7.798					ND	
133 o-Xylene	106		8.157					ND	
135 Styrene	104		8.169					ND	
134 n-Butyl acrylate	55		8.169					ND	
136 Bromoform	173		8.304					ND	7
137 Isopropylbenzene	105		8.486					ND	
138 Cyclohexanone	55		8.535					ND	7
139 cis-1,4-Dichloro-2-butene	88		8.541					ND	U
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	85	367995	50.0	45.7	
142 Bromobenzene	156		8.712					ND	
143 1,1,2,2-Tetrachloroethane	83		8.730					ND	
144 1,2,3-Trichloropropane	110		8.755					ND	
145 trans-1,4-Dichloro-2-butene	53		8.779					ND	
146 N-Propylbenzene	91		8.822					ND	7
147 2-Chlorotoluene	126		8.877					ND	
148 4-Chlorotoluene	126		8.968					ND	
149 1,3,5-Trimethylbenzene	105		8.968					ND	
150 2,3,4-Trichlorobutene	109		9.011					ND	
152 tert-Butylbenzene	134		9.218					ND	
151 Pentachloroethane	167		9.218					ND	
153 1,2,4-Trimethylbenzene	105		9.255					ND	
154 sec-Butylbenzene	105		9.383					ND	7
155 1,3-Dichlorobenzene	146		9.450					ND	7
156 4-Isopropyltoluene	119		9.498					ND	7
* 157 1,4-Dichlorobenzene-d4	152	9.498	9.498	0.000	97	393574	50.0	50.0	
159 1,4-Dichlorobenzene	146		9.517					ND	7
160 1,2,3-Trimethylbenzene	105		9.566					ND	7
161 Benzyl chloride	91		9.620					ND	
162 1,3-Diethylbenzene	119		9.718					ND	7
163 p-Diethylbenzene	119		9.779					ND	7
164 1,2-Dichlorobenzene	146		9.785					ND	
165 n-Butylbenzene	92		9.791					ND	
166 o-diethylbenzene	119		9.858					ND	7
S 168 1,3-Dichloropropene, Total	100		10.060					ND	7
169 1,2-Dibromo-3-Chloropropane	75		10.321					ND	
170 1,3,5-Trichlorobenzene	180		10.474					ND	
171 1,2,4-Trichlorobenzene	180		10.882					ND	
172 Hexachlorobutadiene	225		11.004					ND	7
173 2-Ethylhexyl acrylate	55		11.029					ND	
174 Naphthalene	128		11.041					ND	7
175 1,2,3-Trichlorobenzene	180		11.199					ND	7
S 176 Xylenes, Total	106		11.245					ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
177 2-Methylnaphthalene	142		11.760					ND	7
178 Hexachloroethane	201		13.560					ND	
179 C4-C10	1		0.000					ND	
$ 211 trans-1,2,3-Trichlorobutene-2 TI	1		0.000					ND	
212 sec-Butyl Alcohol TIC	1		0.000					ND	
213 1,3-Divinylbenzene	1		0.000					ND	
214 n-Octane	1		0.000					ND	
215 Undecane	1		0.000					ND	
216 Ethyl bromide	1		0.000					ND	
217 Chloroacetonitrile	1		0.000					ND	
218 1-Chlorobutane	1		0.000					ND	
219 Dimethylformamide TIC	1		0.000					ND	
208 3-Pentanone TIC	1		0.000					ND	
209 2-Butoxyethyl acetate	1		0.000					ND	
210 Gasoline (Unleaded)	1		0.000					ND	
220 1-Methylnaphthalene	142		0.000					ND	
224 Cyclopentane TIC	1		0.000					ND	
225 1,1,1,2-Tetrafluoroethane TIC	1		0.000					ND	
226 2-ethoxy-2-methyl butane TIC	1		0.000					ND	
227 2,3-Dimethylbutane TIC	1		0.000					ND	
228 2,2-Dimethylbutane TIC	1		0.000					ND	
229 Methylcyclopentane TIC	1		0.000					ND	
230 Decamethylcyclopentasiloxane TIC	1		0.000					ND	
231 Dimethyl Sulfide TIC	1		0.000					ND	
232 2,2-Dimethylpropane TIC	1		0.000					ND	
221 2-Methylhexane TIC	1		0.000					ND	
222 1-Methylnaphthalene (TIC)	1		0.000					ND	
223 3-Methylpentane TIC	1		0.000					ND	
207 4-Ethyltoluene	1		0.000					ND	
206 cis-1,2,3-Trichlorobutene-2	1		0.000					ND	
205 Butane	1		0.000					ND	
182 2,3-Dichloro-1,3-butadiene	1		0.000					ND	
S 183 divinyl benzene	1		0.000					ND	7
184 trans-1,2,3-Trichlorobutene-2	1		0.000					ND	
185 3-chloro-1-Butene	1		0.000					ND	
186 n-Nonane	1		0.000					ND	
187 C5-C12	1		0.000					ND	
188 Isobutyl acetate	43		0.000					ND	
189 1-Bromo-2-chloroethane	1		0.000					ND	
S 190 Total BTEX	1		0.000					ND	
191 Propanol	1		0.000					ND	
180 sec-Butyl Alcohol	45		0.000					ND	
181 Methylal	1		0.000					ND	
192 tert-Butyl Formate	1		0.000					ND	
195 C6-C10	1		0.000					ND	
196 1,1-Dichloro-1-fluoroethane	1		0.000					ND	
197 Dodecane	57		0.000					ND	
198 n-Decane	57		0.000					ND	
199 C6-C12	1		0.000					ND	
200 1,4-Divinylbenzene	1		0.000					ND	
201 1,1,2,2-Tetrachloro-1,2-difluoro	1		0.000					ND	
202 C4-C12	1		0.000					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
203 3-Methyl-1-butene	1		0.000					ND	
204 Propene oxide	1		0.000					ND	
S 193 Total Diethylbenzene	1		0.000					ND	7
194 Diethoxymethane	1		0.000					ND	
233 3-Methylhexane TIC	1		0.000					ND	
234 C7-C12	1		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00048 Amount Added: 5.00 Units: uL Run Reagent

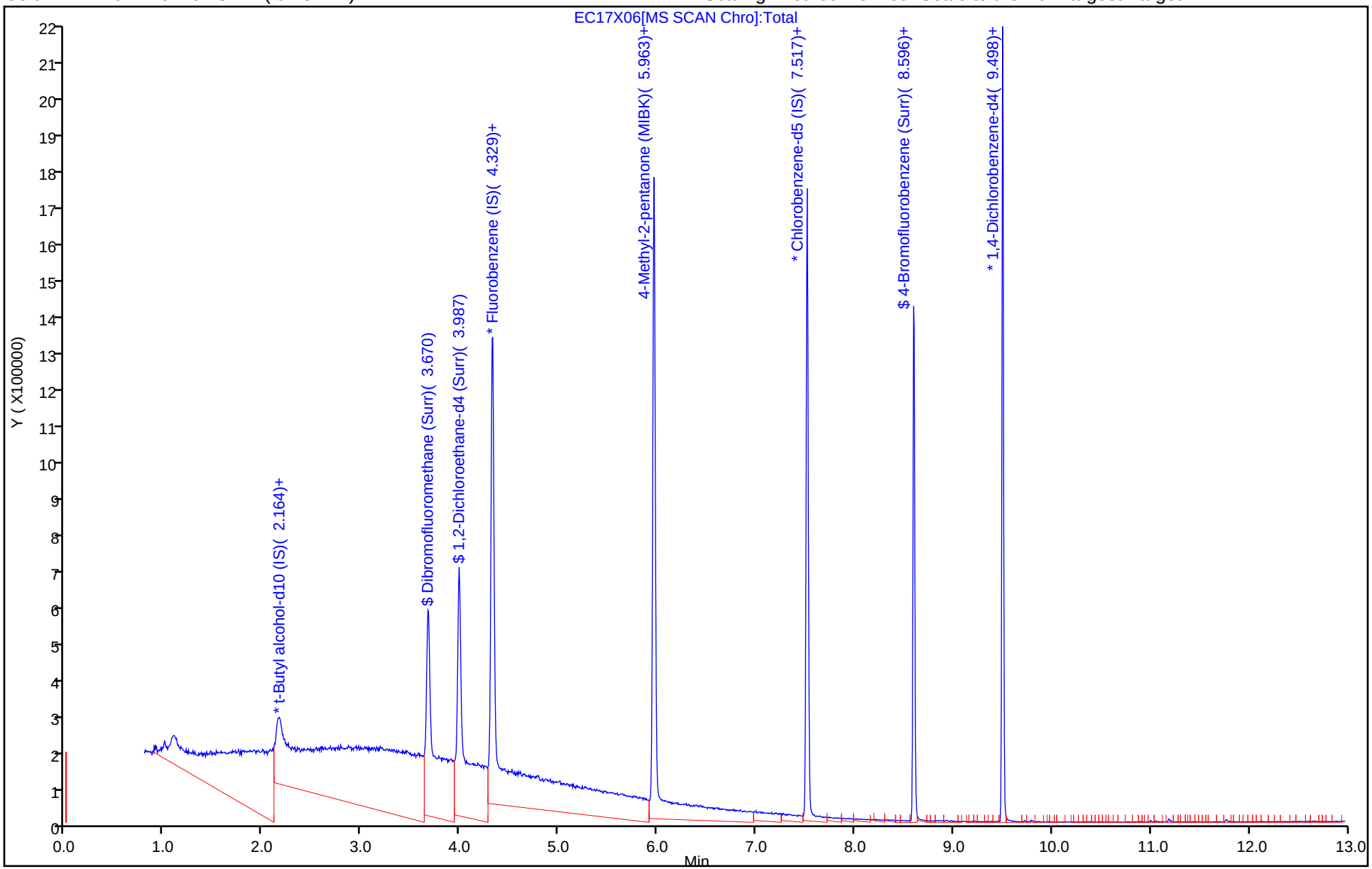
Report Date: 17-Oct-2025 15:19:33 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X06.D

Injection Date:	17-Oct-2025 11:16:30	Instrument ID:	15648	Operator ID:	HEC94097
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X06.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 17-Oct-2025 11:16:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163548-007
Operator ID: HEC94097 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 15:18:14 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1623

First Level Reviewer: WJ7F Date: 17-Oct-2025 12:30:34

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	51.2	102.38
$ 79 1,2-Dichloroethane-d4 (Surr)	50.0	54.5	108.92
$ 111 Toluene-d8 (Surr)	50.0	50.5	100.99
$ 140 4-Bromofluorobenzene (Surr)	50.0	45.7	91.48

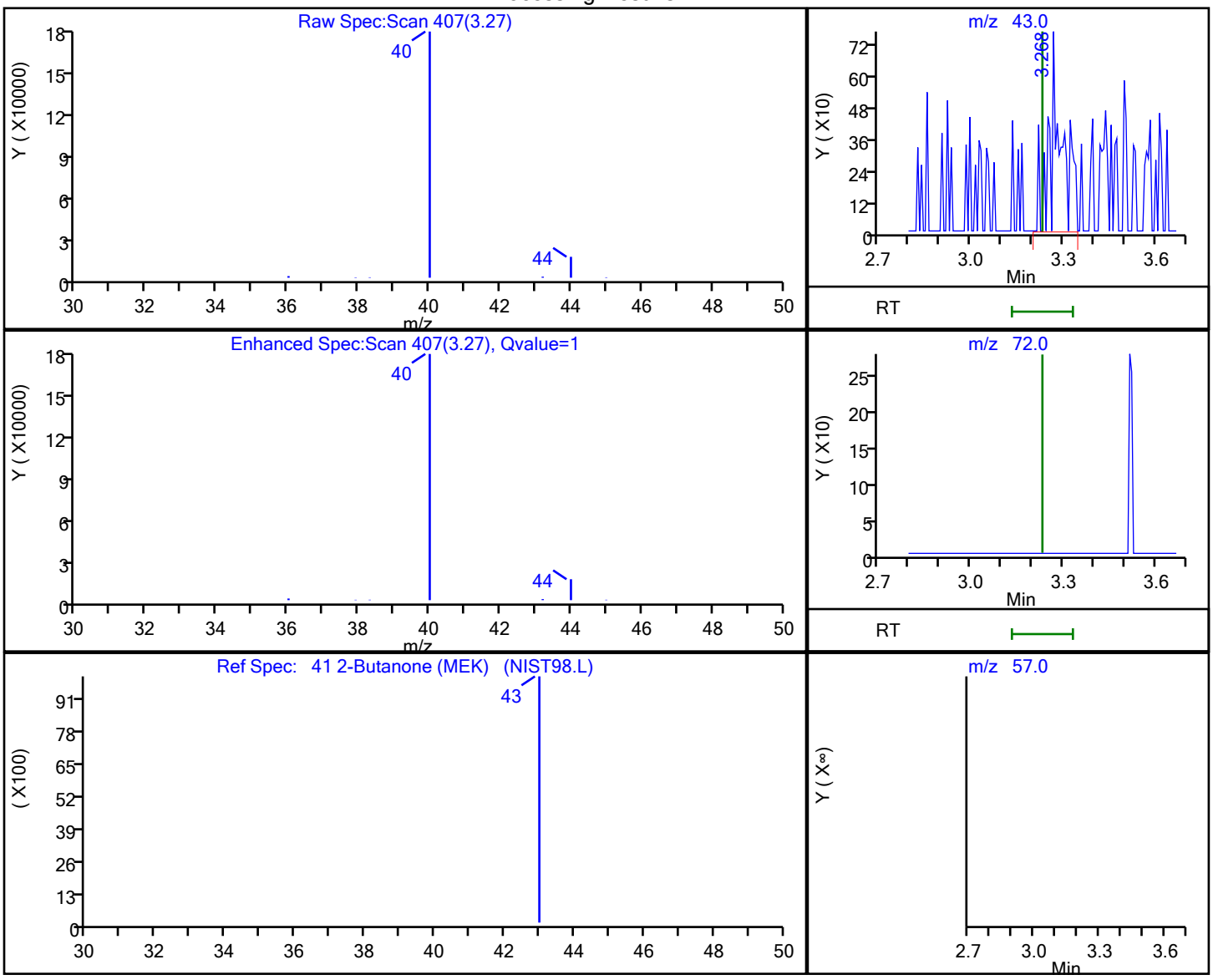
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X06.D				
Injection Date:	17-Oct-2025 11:16:30	Instrument ID:	15648		
Lims ID:	MB				
Client ID:					
Operator ID:	HEC94097	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

41 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.27	43.00	2142	0.501421
3.23	72.00	0	
3.23	57.00	0	

Reviewer: WJ7F, 17-Oct-2025 12:01:22 -04:00:00 (UTC)

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

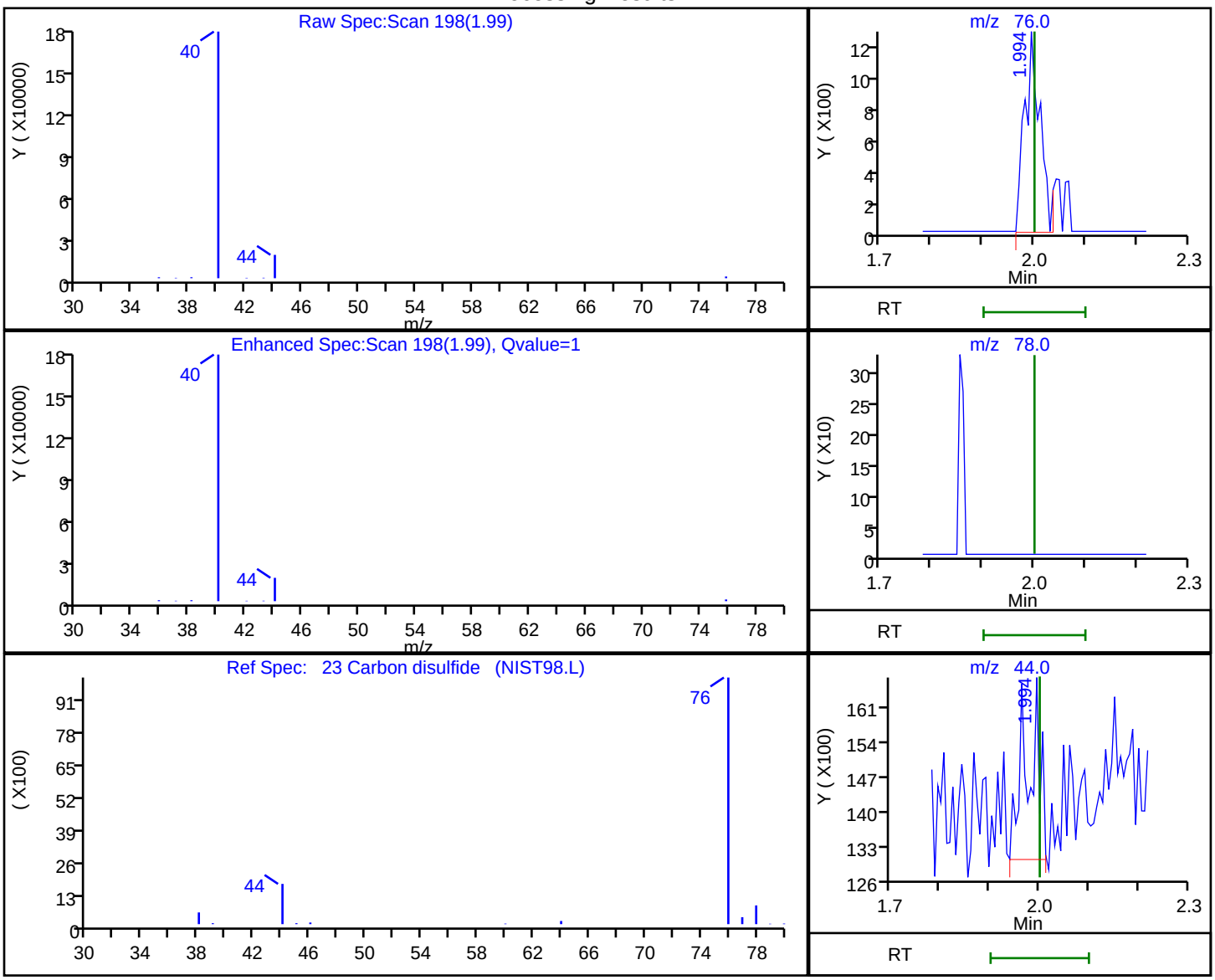
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X06.D				
Injection Date:	17-Oct-2025 11:16:30	Instrument ID:	15648		
Lims ID:	MB				
Client ID:					
Operator ID:	HEC94097	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

23 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
1.99	76.00	2531	0.196808
2.00	78.00	0	
1.99	44.00	7043	

Reviewer: WJ7F, 17-Oct-2025 12:01:13 -04:00:00 (UTC)

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

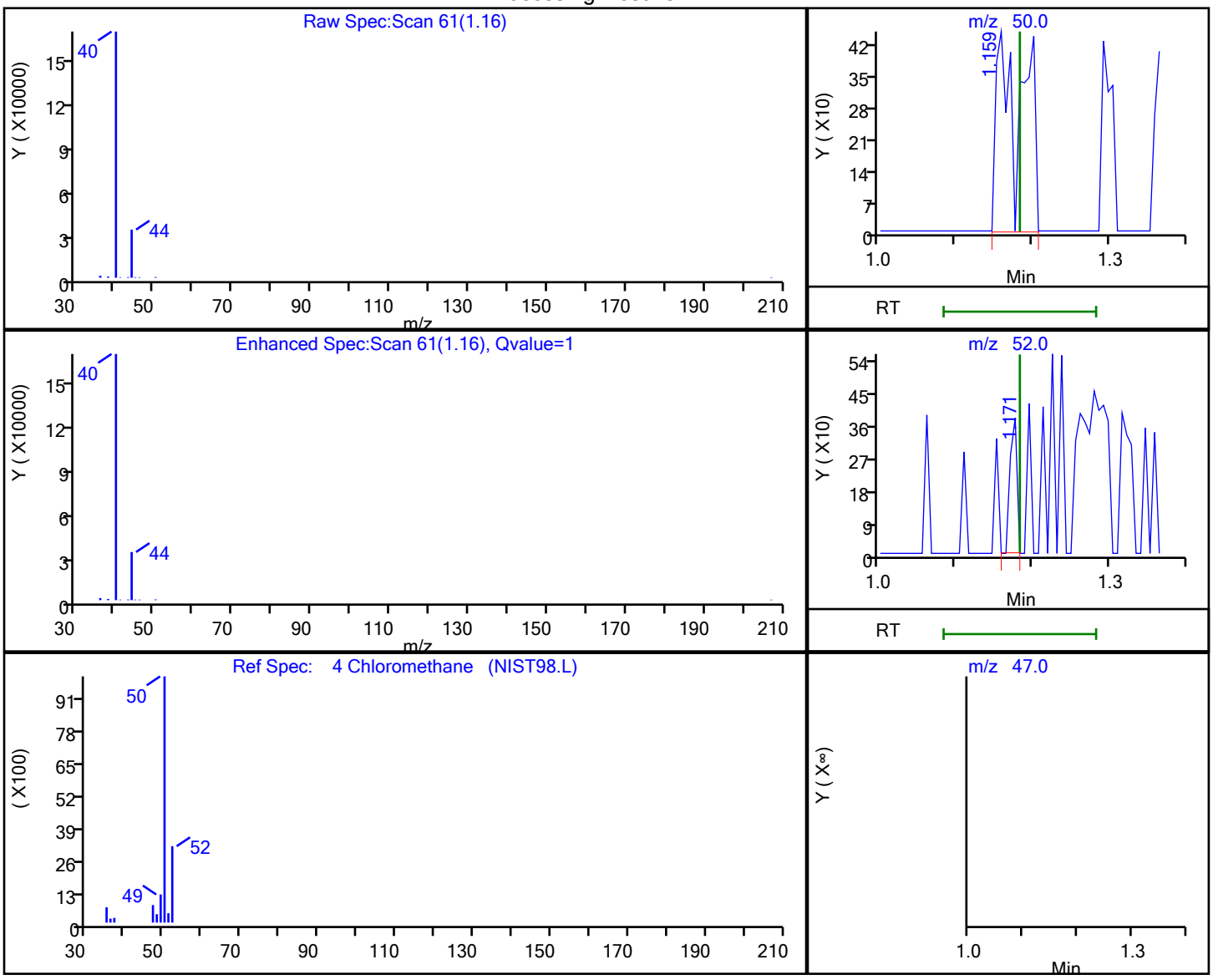
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X06.D				
Injection Date:	17-Oct-2025 11:16:30	Instrument ID:	15648		
Lims ID:	MB				
Client ID:					
Operator ID:	HEC94097	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

4 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.16	50.00	1068	0.110018
1.17	52.00	237	
1.18	47.00	0	

Reviewer: WJ7F, 17-Oct-2025 12:01:03 -04:00:00 (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.: 410-246092-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-715287/5

Matrix: Water
Lab File ID: EC16X54.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 10/16/2025 20:00

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715287
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	21.5		1.0	0.30
71-55-6	1,1,1-Trichloroethane	21.8		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	20.3		1.0	0.30
79-00-5	1,1,2-Trichloroethane	20.6		1.0	0.30
75-34-3	1,1-Dichloroethane	22.2		1.0	0.30
75-35-4	1,1-Dichloroethene	22.6		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	20.1		1.0	0.20
107-06-2	1,2-Dichloroethane	20.1		1.0	0.30
78-87-5	1,2-Dichloropropane	21.7		1.0	0.30
78-93-3	2-Butanone (MEK)	251		10	1.0
591-78-6	2-Hexanone	271		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	265		10	0.50
67-64-1	Acetone	223		20	0.70
71-43-2	Benzene	21.3		1.0	0.30
74-97-5	Bromochloromethane	20.0		5.0	0.20
75-27-4	Bromodichloromethane	20.6		1.0	0.20
75-25-2	Bromoform	18.6		4.0	1.0
74-83-9	Bromomethane	16.8		1.0	0.30
75-15-0	Carbon disulfide	19.7		5.0	0.30
56-23-5	Carbon tetrachloride	22.4		1.0	0.30
108-90-7	Chlorobenzene	20.0		1.0	0.30
75-00-3	Chloroethane	17.7		1.0	0.30
67-66-3	Chloroform	20.8		1.0	0.30
74-87-3	Chloromethane	24.8		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	20.3		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	19.1		1.0	0.20
124-48-1	Dibromochloromethane	19.6		1.0	0.20
100-41-4	Ethylbenzene	20.1		1.0	0.40
1634-04-4	Methyl tert-butyl ether	18.7		1.0	0.20
75-09-2	Methylene Chloride	21.1		1.0	0.30
100-42-5	Styrene	19.4		5.0	0.30
127-18-4	Tetrachloroethene	20.4		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-715287/5

Matrix: Water
Lab File ID: EC16X54.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 10/16/2025 20:00

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715287
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	20.6		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	20.4		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	20.4		1.0	0.20
79-01-6	Trichloroethene	20.4		1.0	0.30
75-01-4	Vinyl chloride	18.8		1.0	0.30
1330-20-7	Xylenes, Total	58.1		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		80-120
460-00-4	4-Bromofluorobenzene (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		80-120
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X54.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 16-Oct-2025 20:00:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163464-005
Operator ID: MCD07824 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 16-Oct-2025 21:36:32 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1637

First Level Reviewer: Y6ZN Date: 16-Oct-2025 21:34:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.061	1.073	-0.012	99	154462	20.0	16.1	
4 Chloromethane	50	1.177	1.183	-0.006	99	247803	20.0	24.8	
5 Butadiene	39	1.214	1.220	-0.006	90	232805	20.0	25.3	
6 Vinyl chloride	62	1.232	1.244	-0.012	97	166900	20.0	18.8	
9 Chloroethane	64	1.415	1.421	-0.006	99	89509	20.0	17.7	
8 Bromomethane	94	1.415	1.421	-0.006	86	90206	20.0	16.8	
10 Dichlorofluoromethane	67	1.531	1.537	-0.006	98	231534	20.0	19.1	
11 Pentane	43	1.561	1.567	-0.006	97	237732	20.0	21.7	
12 Trichlorofluoromethane	101	1.604	1.610	-0.006	97	159164	20.0	14.6	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	1.714	1.720	-0.006	97	150366	20.0	21.0	
16 Acrolein	56	1.756	1.762	-0.006	98	256959	146.3	128.8	
17 1,1-Dichloroethene	96	1.836	1.841	-0.005	95	101760	20.0	22.6	
18 Acetone	58	1.842	1.860	-0.018	99	192836	250.0	223.4	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.866	1.884	-0.018	93	103463	20.0	20.7	
20 Isopropyl alcohol	45	1.927	1.933	-0.006	47	84332	150.0	145.6	
22 Iodomethane	142	1.939	1.951	-0.012	100	140301	20.0	17.5	
23 Carbon disulfide	76	1.994	2.000	-0.006	100	260410	20.0	19.7	
25 3-Chloro-1-propene	41	2.061	2.073	-0.012	90	200409	20.0	21.1	
26 Methyl acetate	43	2.067	2.073	-0.006	57	119597	20.0	17.6	
28 Methylene Chloride	84	2.153	2.158	-0.005	98	110504	20.0	21.1	
* 27 t-Butyl alcohol-d10 (IS)	65	2.171	2.165	0.006	90	224932	250.0	250.0	
29 2-Methyl-2-propanol	59	2.232	2.238	-0.006	97	173906	200.0	186.5	M
31 Acrylonitrile	53	2.317	2.329	-0.012	98	330854	100.0	104.1	
32 trans-1,2-Dichloroethene	96	2.360	2.372	-0.012	94	101853	20.0	20.4	
33 Methyl tert-butyl ether	73	2.378	2.378	0.000	97	348154	20.0	18.7	
34 Hexane	57	2.591	2.597	-0.006	95	170788	20.0	20.6	
35 1,1-Dichloroethane	63	2.707	2.713	-0.006	96	226433	20.0	22.2	
37 Isopropyl ether	45	2.787	2.793	-0.006	92	379924	20.0	20.1	
38 2-Chloro-1,3-butadiene	53	2.793	2.799	-0.006	93	194871	20.0	20.1	
39 Tert-butyl ethyl ether	59	3.116	3.122	-0.006	96	340287	20.0	18.8	
40 cis-1,2-Dichloroethene	96	3.225	3.238	-0.013	47	112375	20.0	20.3	
41 2-Butanone (MEK)	43	3.232	3.238	-0.006	99	1103189	250.0	250.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2,2-Dichloropropane	77	3.238	3.250	-0.012	44	185011	20.0	21.4	
44 Propionitrile	54	3.280	3.280	0.000	98	205676	150.0	149.9	
46 Methacrylonitrile	67	3.427	3.427	0.000	93	519086	150.0	155.6	
47 Chlorobromomethane	128	3.445	3.451	-0.006	92	53884	20.0	20.0	
48 Tetrahydrofuran	71	3.488	3.488	0.000	95	104478	100.0	90.1	
49 Chloroform	83	3.524	3.530	-0.006	95	197142	20.0	20.8	
$ 50 Dibromofluoromethane (Surr)	113	3.677	3.676	0.001	93	262625	50.0	49.2	
51 1,1,1-Trichloroethane	97	3.707	3.713	-0.006	97	182364	20.0	21.8	
53 Cyclohexane	56	3.762	3.768	-0.006	94	224638	20.0	22.3	
58 1,1-Dichloropropene	75	3.853	3.859	-0.006	94	164853	20.0	20.9	
59 Carbon tetrachloride	117	3.860	3.872	-0.012	96	162561	20.0	22.4	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	3.988	3.994	-0.006	96	408369	50.0	52.5	
78 Isobutyl alcohol	41	3.988	3.994	-0.006	69	172262	500.0	515.0	
84 Benzene	78	4.048	4.054	-0.006	97	478486	20.0	21.3	
85 1,2-Dichloroethane	62	4.061	4.067	-0.006	94	181094	20.0	20.1	
87 Tert-amyl methyl ether	73	4.183	4.189	-0.006	95	323957	20.0	19.1	
* 88 Fluorobenzene (IS)	96	4.329	4.329	0.000	98	1128430	50.0	50.0	
89 n-Heptane	43	4.347	4.347	0.000	95	179579	20.0	22.2	
96 n-Butanol	56	4.658	4.664	-0.006	94	241717	1000.0	1130.4	
97 Trichloroethene	95	4.695	4.701	-0.006	96	114160	20.0	20.4	
98 Methylcyclohexane	83	4.896	4.902	-0.006	95	195233	20.0	19.6	
100 1,2-Dichloropropane	63	4.908	4.914	-0.006	94	132837	20.0	21.7	
101 2-ethoxy-2-methyl butane	87	4.993	4.993	0.000	92	158343	20.0	18.6	
102 Dibromomethane	93	5.024	5.030	-0.006	94	72864	20.0	19.6	
103 1,4-Dioxane	88	5.060	5.066	-0.006	36	38555	500.0	535.6	M
104 Methyl methacrylate	69	5.073	5.073	0.000	93	102652	20.0	19.5	
106 Dichlorobromomethane	83	5.207	5.207	0.000	98	154721	20.0	20.6	
107 2-Nitropropane	41	5.445	5.438	0.007	99	53434	20.0	17.3	
108 2-Chloroethyl vinyl ether	63	5.548	5.548	0.000	91	74255	20.0	15.8	
109 cis-1,3-Dichloropropene	75	5.682	5.682	0.000	92	180447	20.0	19.1	
110 4-Methyl-2-pentanone (MIBK)	43	5.865	5.865	0.000	99	2338919	250.0	265.0	
$ 111 Toluene-d8 (Surr)	98	5.963	5.969	-0.006	95	1177232	50.0	51.7	
112 Toluene	92	6.036	6.036	0.000	98	286809	20.0	20.6	
114 trans-1,3-Dichloropropene	75	6.286	6.286	0.000	97	178772	20.0	20.4	
115 Ethyl methacrylate	69	6.432	6.432	0.000	91	163903	20.0	18.7	
116 1,1,2-Trichloroethane	97	6.475	6.475	0.000	92	106914	20.0	20.6	
117 Tetrachloroethene	166	6.627	6.627	0.000	95	112159	20.0	20.4	
119 1,3-Dichloropropane	76	6.658	6.658	0.000	96	191510	20.0	20.4	
121 2-Hexanone	43	6.780	6.786	-0.006	99	1717721	250.0	271.5	
122 Chlorodibromomethane	129	6.896	6.895	0.001	91	112541	20.0	19.6	
124 Ethylene Dibromide	107	7.005	7.005	0.000	97	108732	20.0	20.1	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.517	0.000	89	808318	50.0	50.0	
127 Chlorobenzene	112	7.548	7.548	0.000	92	301741	20.0	20.0	
128 1-Chlorohexane	91	7.566	7.566	0.000	90	139590	20.0	19.9	
129 1,1,1,2-Tetrachloroethane	131	7.639	7.639	0.000	94	108027	20.0	21.5	
130 Ethylbenzene	91	7.676	7.676	0.000	99	529844	20.0	20.1	
132 m-Xylene & p-Xylene	106	7.792	7.798	-0.006	99	399723	40.0	39.4	
133 o-Xylene	106	8.157	8.157	0.000	95	185443	20.0	18.8	
135 Styrene	104	8.170	8.170	0.000	96	325887	20.0	19.4	
136 Bromoform	173	8.304	8.304	0.000	95	78326	20.0	18.6	
137 Isopropylbenzene	105	8.487	8.487	0.000	97	483257	20.0	19.3	
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	91	420975	50.0	50.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
142 Bromobenzene	156	8.712	8.712	0.000	97	115249	20.0	18.6	
143 1,1,2,2-Tetrachloroethane	83	8.731	8.730	0.000	94	173347	20.0	20.3	
144 1,2,3-Trichloropropane	110	8.755	8.755	0.000	86	50515	20.0	19.9	
145 trans-1,4-Dichloro-2-butene	53	8.779	8.779	0.000	95	279294	100.0	89.4	
146 N-Propylbenzene	91	8.822	8.822	0.000	99	636250	20.0	21.0	
147 2-Chlorotoluene	126	8.877	8.877	0.000	95	115379	20.0	19.6	
148 4-Chlorotoluene	126	8.968	8.968	0.000	99	118853	20.0	19.2	
149 1,3,5-Trimethylbenzene	105	8.974	8.974	0.000	95	429230	20.0	20.4	
152 tert-Butylbenzene	134	9.218	9.218	0.000	94	78888	20.0	18.3	
153 1,2,4-Trimethylbenzene	105	9.255	9.255	0.000	98	422514	20.0	19.4	
154 sec-Butylbenzene	105	9.383	9.383	0.000	95	511886	20.0	19.9	
155 1,3-Dichlorobenzene	146	9.450	9.450	0.000	97	228354	20.0	19.9	
156 4-Isopropyltoluene	119	9.499	9.499	0.000	78	429591	20.0	18.9	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.499	0.000	97	447837	50.0	50.0	
159 1,4-Dichlorobenzene	146	9.517	9.517	0.000	94	233805	20.0	19.4	
160 1,2,3-Trimethylbenzene	105	9.566	9.566	0.000	99	447852	20.0	20.0	
161 Benzyl chloride	91	9.621	9.620	0.001	99	334400	20.0	21.9	
162 1,3-Diethylbenzene	119	9.718	9.718	0.000	95	243544	20.0	19.7	
163 p-Diethylbenzene	119	9.779	9.779	0.000	94	263227	20.0	19.3	
164 1,2-Dichlorobenzene	146	9.785	9.785	0.000	95	223853	20.0	19.2	
165 n-Butylbenzene	92	9.791	9.791	0.000	98	220648	20.0	20.3	
166 o-diethylbenzene	119	9.858	9.858	0.000	97	218947	20.0	19.7	
169 1,2-Dibromo-3-Chloropropane	75	10.322	10.322	0.000	77	40032	20.0	19.5	
170 1,3,5-Trichlorobenzene	180	10.474	10.474	0.000	96	143975	20.0	17.8	
171 1,2,4-Trichlorobenzene	180	10.883	10.882	0.001	94	129923	20.0	17.0	
172 Hexachlorobutadiene	225	11.004	11.004	0.000	97	57479	20.0	17.7	
174 Naphthalene	128	11.041	11.041	0.000	98	440204	20.0	16.9	
175 1,2,3-Trichlorobenzene	180	11.200	11.199	0.001	95	133954	20.0	17.6	
177 2-Methylnaphthalene	142	11.760	11.760	0.000	92	192154	20.0	16.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_2CEVE_00252	Amount Added: 50.00	Units: uL	
MSV_LCS_VOC#1_00244	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00272	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00249	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00048	Amount Added: 5.00	Units: uL	Run Reagent

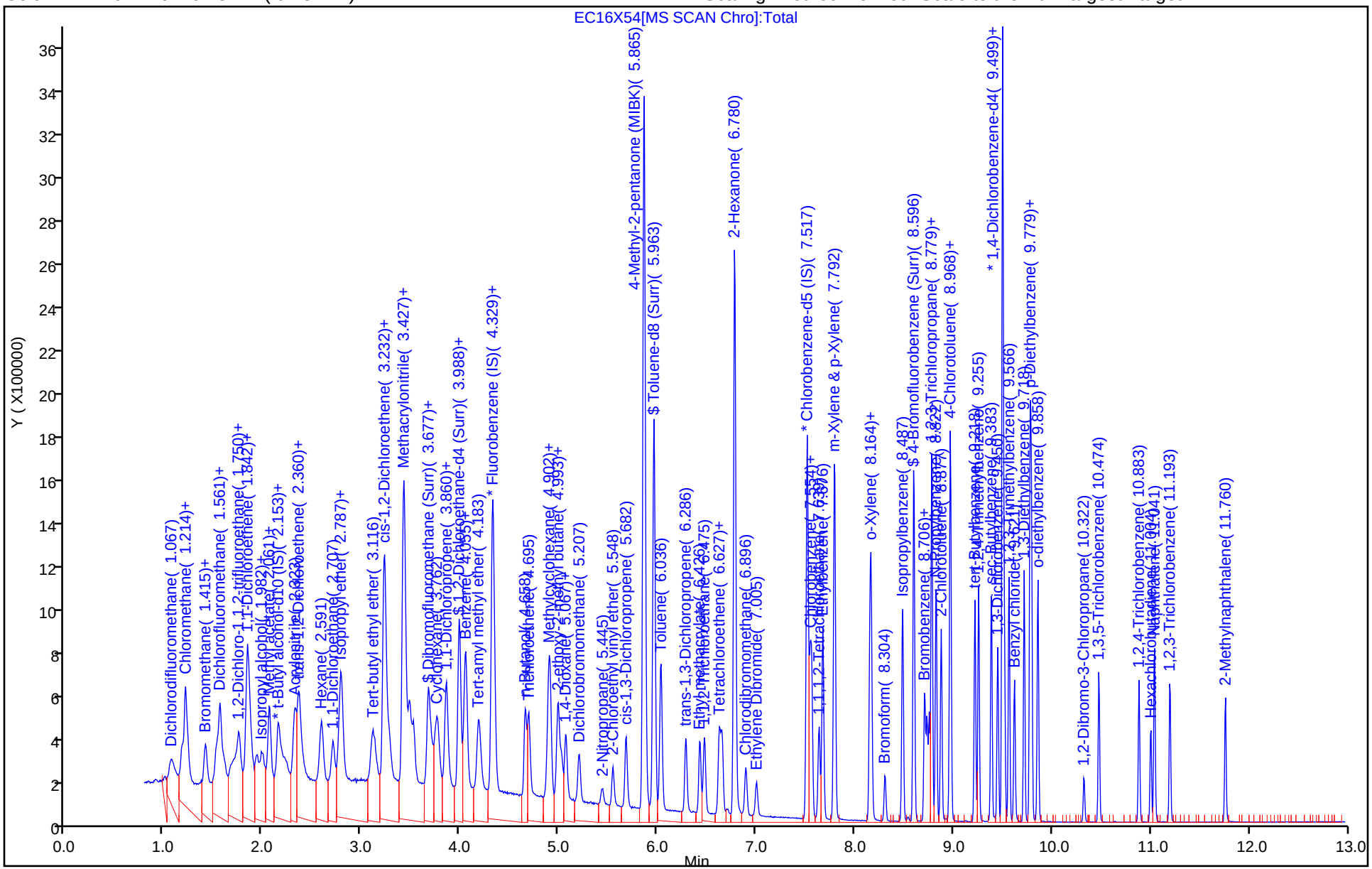
Report Date: 16-Oct-2025 21:37:00 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X54.D

Injection Date:	16-Oct-2025 20:00:30	Instrument ID:	15648	Operator ID:	MCD07824
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\EC16X54.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 16-Oct-2025 20:00:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163464-005
Operator ID: MCD07824 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251016-163464.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 16-Oct-2025 21:36:32 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1637

First Level Reviewer: Y6ZN Date: 16-Oct-2025 21:34:59

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	49.2	98.30
$ 79 1,2-Dichloroethane-d4 (Surr)	50.0	52.5	105.06
$ 111 Toluene-d8 (Surr)	50.0	51.7	103.43
$ 140 4-Bromofluorobenzene (Surr)	50.0	50.0	100.01

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-715649/5

Matrix: Water
Lab File ID: EC17X04.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 10:36

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715649
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	21.7		1.0	0.30
71-55-6	1,1,1-Trichloroethane	21.4		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	21.0		1.0	0.30
79-00-5	1,1,2-Trichloroethane	21.2		1.0	0.30
75-34-3	1,1-Dichloroethane	22.2		1.0	0.30
75-35-4	1,1-Dichloroethene	21.3		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	20.0		1.0	0.20
107-06-2	1,2-Dichloroethane	20.1		1.0	0.30
78-87-5	1,2-Dichloropropane	21.7		1.0	0.30
78-93-3	2-Butanone (MEK)	261		10	1.0
591-78-6	2-Hexanone	276		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	263		10	0.50
67-64-1	Acetone	270		20	0.70
71-43-2	Benzene	20.8		1.0	0.30
74-97-5	Bromochloromethane	19.9		5.0	0.20
75-27-4	Bromodichloromethane	20.3		1.0	0.20
75-25-2	Bromoform	19.6		4.0	1.0
74-83-9	Bromomethane	16.5		1.0	0.30
75-15-0	Carbon disulfide	20.2		5.0	0.30
56-23-5	Carbon tetrachloride	20.8		1.0	0.30
108-90-7	Chlorobenzene	20.3		1.0	0.30
75-00-3	Chloroethane	17.8		1.0	0.30
67-66-3	Chloroform	21.2		1.0	0.30
74-87-3	Chloromethane	22.7		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	20.4		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	19.3		1.0	0.20
124-48-1	Dibromochloromethane	20.8		1.0	0.20
100-41-4	Ethylbenzene	19.7		1.0	0.40
1634-04-4	Methyl tert-butyl ether	18.2		1.0	0.20
75-09-2	Methylene Chloride	21.7		1.0	0.30
100-42-5	Styrene	19.1		5.0	0.30
127-18-4	Tetrachloroethene	19.4		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-715649/5

Matrix: Water
Lab File ID: EC17X04.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 10:36

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715649
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	20.7		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	20.4		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	20.7		1.0	0.20
79-01-6	Trichloroethene	20.1		1.0	0.30
75-01-4	Vinyl chloride	17.4		1.0	0.30
1330-20-7	Xylenes, Total	58.0		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		80-120
460-00-4	4-Bromofluorobenzene (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		80-120
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X04.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Oct-2025 10:36:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163548-005
Operator ID: HEC94097 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 15:18:14 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1623

First Level Reviewer: WJ7F Date: 17-Oct-2025 11:21:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.061	1.073	-0.012	99	114375	20.0	12.4	
4 Chloromethane	50	1.177	1.183	-0.006	99	218094	20.0	22.7	
5 Butadiene	39	1.207	1.220	-0.013	90	178866	20.0	20.2	
6 Vinyl chloride	62	1.232	1.244	-0.012	98	148815	20.0	17.4	
9 Chloroethane	64	1.415	1.421	-0.006	100	86623	20.0	17.8	
8 Bromomethane	94	1.415	1.421	-0.006	84	85063	20.0	16.5	
10 Dichlorofluoromethane	67	1.524	1.537	-0.013	97	227076	20.0	19.5	
11 Pentane	43	1.561	1.573	-0.012	96	193590	20.0	18.4	
12 Trichlorofluoromethane	101	1.610	1.610	0.000	98	138555	20.0	13.2	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	1.695	1.719	-0.024	96	135599	20.0	19.7	
16 Acrolein	56	1.750	1.762	-0.012	98	259571	146.3	140.0	
17 1,1-Dichloroethene	96	1.829	1.841	-0.012	92	92075	20.0	21.3	
18 Acetone	58	1.841	1.854	-0.013	99	217012	250.0	270.4	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.866	1.878	-0.012	90	85672	20.0	17.9	
20 Isopropyl alcohol	45	1.927	1.939	-0.012	47	77859	150.0	144.6	
22 Iodomethane	142	1.933	1.945	-0.012	99	134991	20.0	17.5	
23 Carbon disulfide	76	1.988	2.000	-0.012	100	256854	20.0	20.2	
25 3-Chloro-1-propene	41	2.061	2.067	-0.006	89	191420	20.0	21.0	
26 Methyl acetate	43	2.061	2.073	-0.012	59	124278	20.0	19.1	
28 Methylene Chloride	84	2.152	2.165	-0.012	98	109477	20.0	21.7	
* 27 t-Butyl alcohol-d10 (IS)	65	2.158	2.165	-0.006	91	209098	250.0	250.0	
29 2-Methyl-2-propanol	59	2.219	2.225	-0.006	96	173132	200.0	199.8	
31 Acrylonitrile	53	2.317	2.329	-0.012	97	312538	100.0	102.3	
32 trans-1,2-Dichloroethene	96	2.360	2.366	-0.006	93	98097	20.0	20.4	
33 Methyl tert-butyl ether	73	2.372	2.384	-0.012	98	324397	20.0	18.2	
34 Hexane	57	2.585	2.597	-0.012	94	135841	20.0	17.1	
35 1,1-Dichloroethane	63	2.701	2.713	-0.012	97	217913	20.0	22.2	
37 Isopropyl ether	45	2.780	2.792	-0.012	92	363336	20.0	20.0	
38 2-Chloro-1,3-butadiene	53	2.792	2.799	-0.007	91	180448	20.0	19.4	
39 Tert-butyl ethyl ether	59	3.109	3.116	-0.007	96	316457	20.0	18.2	
40 cis-1,2-Dichloroethene	96	3.225	3.231	-0.006	84	108282	20.0	20.4	
41 2-Butanone (MEK)	43	3.225	3.231	-0.006	99	1104294	250.0	260.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2,2-Dichloropropane	77	3.231	3.250	-0.019	43	172812	20.0	20.8	
44 Propionitrile	54	3.274	3.286	-0.012	99	197997	150.0	155.2	
46 Methacrylonitrile	67	3.420	3.433	-0.013	94	496212	150.0	154.7	
47 Chlorobromomethane	128	3.439	3.445	-0.006	93	51545	20.0	19.9	
48 Tetrahydrofuran	71	3.481	3.487	-0.006	84	98069	100.0	90.9	
49 Chloroform	83	3.524	3.530	-0.006	94	193209	20.0	21.2	
$ 50 Dibromofluoromethane (Surr)	113	3.670	3.676	-0.006	93	252259	50.0	49.1	
51 1,1,1-Trichloroethane	97	3.701	3.707	-0.006	98	172214	20.0	21.4	
53 Cyclohexane	56	3.762	3.768	-0.006	96	184862	20.0	19.1	
58 1,1-Dichloropropene	75	3.853	3.859	-0.006	93	151880	20.0	20.0	
59 Carbon tetrachloride	117	3.859	3.865	-0.006	97	145037	20.0	20.8	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	3.987	3.993	-0.006	96	391556	50.0	52.4	a
78 Isobutyl alcohol	41	3.987	3.993	-0.006	60	162933	500.0	524.0	
84 Benzene	78	4.048	4.054	-0.006	97	449815	20.0	20.8	
85 1,2-Dichloroethane	62	4.060	4.067	-0.007	97	174441	20.0	20.1	
87 Tert-amyl methyl ether	73	4.189	4.189	0.001	95	301177	20.0	18.4	
* 88 Fluorobenzene (IS)	96	4.323	4.329	-0.006	97	1085244	50.0	50.0	
89 n-Heptane	43	4.341	4.347	-0.006	95	144015	20.0	18.5	
96 n-Butanol	56	4.658	4.664	-0.006	94	222488	1000.0	1119.3	
97 Trichloroethene	95	4.695	4.695	0.000	97	108255	20.0	20.1	
98 Methylcyclohexane	83	4.896	4.902	-0.006	94	157350	20.0	16.4	
100 1,2-Dichloropropane	63	4.908	4.914	-0.006	93	127592	20.0	21.7	
101 2-ethoxy-2-methyl butane	87	4.987	4.993	-0.006	91	148585	20.0	18.2	
102 Dibromomethane	93	5.024	5.030	-0.006	93	69502	20.0	19.5	
103 1,4-Dioxane	88	5.060	5.060	0.000	38	39007	500.0	582.9	
104 Methyl methacrylate	69	5.072	5.072	0.000	92	96930	20.0	19.2	
106 Dichlorobromomethane	83	5.201	5.207	-0.007	98	146695	20.0	20.3	
107 2-Nitropropane	41	5.438	5.438	0.000	98	50158	20.0	17.5	
108 2-Chloroethyl vinyl ether	63	5.548	5.548	0.000	92	70689	20.0	15.6	
109 cis-1,3-Dichloropropene	75	5.676	5.682	-0.006	92	175156	20.0	19.3	
110 4-Methyl-2-pentanone (MIBK)	43	5.859	5.865	-0.006	99	2230290	250.0	262.7	
$ 111 Toluene-d8 (Surr)	98	5.963	5.963	0.000	94	1156534	50.0	53.6	
112 Toluene	92	6.036	6.036	0.000	97	272977	20.0	20.7	
114 trans-1,3-Dichloropropene	75	6.286	6.286	0.000	97	171687	20.0	20.7	
115 Ethyl methacrylate	69	6.426	6.426	0.000	92	150695	20.0	18.1	
116 1,1,2-Trichloroethane	97	6.475	6.475	0.000	93	104162	20.0	21.2	
117 Tetrachloroethene	166	6.627	6.627	0.000	95	101008	20.0	19.4	
119 1,3-Dichloropropane	76	6.651	6.651	0.000	95	188866	20.0	21.3	
121 2-Hexanone	43	6.779	6.786	-0.007	98	1654844	250.0	276.2	
122 Chlorodibromomethane	129	6.895	6.895	0.000	90	113280	20.0	20.8	
124 Ethylene Dibromide	107	7.005	7.005	0.000	98	102380	20.0	20.0	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.517	0.000	88	765449	50.0	50.0	
127 Chlorobenzene	112	7.542	7.548	-0.006	93	290369	20.0	20.3	
128 1-Chlorohexane	91	7.566	7.566	0.000	87	122209	20.0	18.4	
129 1,1,1,2-Tetrachloroethane	131	7.639	7.639	0.000	95	103021	20.0	21.7	
130 Ethylbenzene	91	7.676	7.676	0.000	99	493361	20.0	19.7	
132 m-Xylene & p-Xylene	106	7.791	7.798	-0.007	100	378098	40.0	39.3	
133 o-Xylene	106	8.157	8.157	0.000	98	174375	20.0	18.6	
135 Styrene	104	8.169	8.169	0.000	95	304026	20.0	19.1	
136 Bromoform	173	8.310	8.304	0.006	94	78120	20.0	19.6	
137 Isopropylbenzene	105	8.486	8.486	0.000	97	450097	20.0	19.0	
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	85	399543	50.0	50.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
142 Bromobenzene	156	8.712	8.712	0.000	97	114467	20.0	19.5	
143 1,1,2,2-Tetrachloroethane	83	8.730	8.730	0.000	93	169419	20.0	21.0	
144 1,2,3-Trichloropropane	110	8.755	8.755	0.000	86	46707	20.0	19.5	
145 trans-1,4-Dichloro-2-butene	53	8.779	8.779	0.000	95	286065	100.0	97.0	
146 N-Propylbenzene	91	8.822	8.822	0.000	99	585820	20.0	20.5	
147 2-Chlorotoluene	126	8.877	8.877	0.000	95	111066	20.0	20.0	
148 4-Chlorotoluene	126	8.968	8.968	0.000	100	112988	20.0	19.3	
149 1,3,5-Trimethylbenzene	105	8.974	8.968	0.006	93	405306	20.0	20.4	
152 tert-Butylbenzene	134	9.218	9.218	0.000	94	72573	20.0	17.8	
153 1,2,4-Trimethylbenzene	105	9.255	9.255	0.000	98	404440	20.0	19.6	
154 sec-Butylbenzene	105	9.383	9.383	0.000	95	471260	20.0	19.4	
155 1,3-Dichlorobenzene	146	9.450	9.450	0.000	97	222095	20.0	20.5	
156 4-Isopropyltoluene	119	9.498	9.498	0.000	79	404016	20.0	18.9	
* 157 1,4-Dichlorobenzene-d4	152	9.498	9.498	0.000	97	422883	50.0	50.0	
159 1,4-Dichlorobenzene	146	9.517	9.517	0.000	94	229650	20.0	20.2	
160 1,2,3-Trimethylbenzene	105	9.566	9.566	0.000	99	431261	20.0	20.4	
161 Benzyl chloride	91	9.620	9.620	0.000	99	313093	20.0	21.7	
162 1,3-Diethylbenzene	119	9.718	9.718	0.000	95	228124	20.0	19.6	
163 p-Diethylbenzene	119	9.779	9.779	0.000	94	246965	20.0	19.1	
164 1,2-Dichlorobenzene	146	9.785	9.785	0.000	96	215305	20.0	19.6	
165 n-Butylbenzene	92	9.791	9.791	0.000	98	210437	20.0	20.5	
166 o-diethylbenzene	119	9.858	9.858	0.000	96	206554	20.0	19.7	
169 1,2-Dibromo-3-Chloropropane	75	10.321	10.321	0.000	77	39922	20.0	20.6	
170 1,3,5-Trichlorobenzene	180	10.474	10.474	0.000	96	142534	20.0	18.6	
171 1,2,4-Trichlorobenzene	180	10.882	10.882	0.000	94	125694	20.0	17.4	
172 Hexachlorobutadiene	225	11.004	11.004	0.000	97	53431	20.0	17.5	
174 Naphthalene	128	11.041	11.041	0.000	98	411239	20.0	16.8	
175 1,2,3-Trichlorobenzene	180	11.199	11.199	0.000	95	130105	20.0	18.1	
177 2-Methylnaphthalene	142	11.760	11.760	0.000	91	172482	20.0	15.8	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

MSV_LCS_2CEVE_00252	Amount Added: 50.00	Units: uL	
MSV_LCS_VOC#1_00244	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00272	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00249	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00048	Amount Added: 5.00	Units: uL	Run Reagent

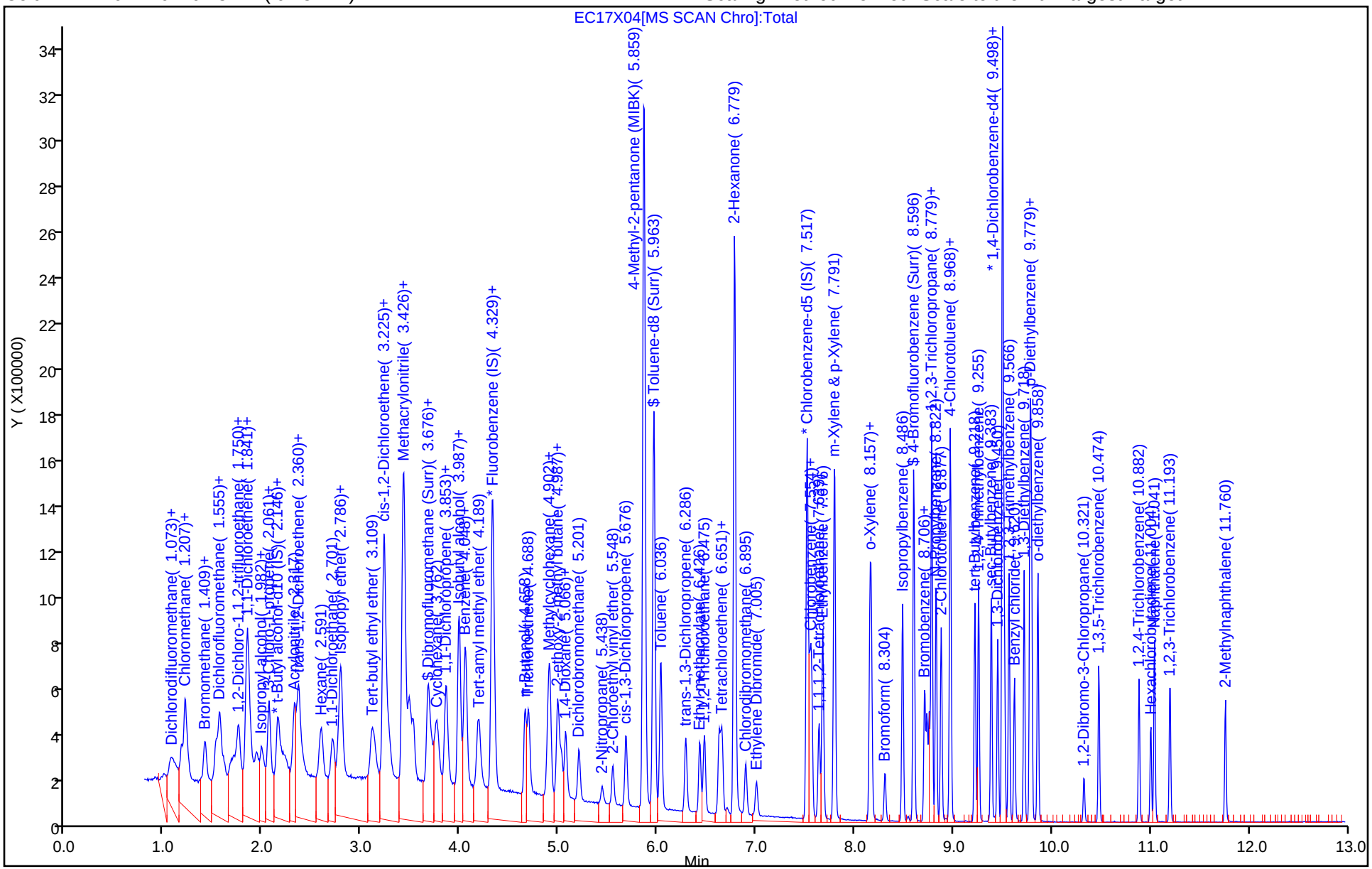
Report Date: 17-Oct-2025 15:18:46 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X04.D

Injection Date:	17-Oct-2025 10:36:30	Instrument ID:	15648	Operator ID:	HEC94097
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X04.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 17-Oct-2025 10:36:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163548-005
Operator ID: HEC94097 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 15:18:14 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1623

First Level Reviewer: WJ7F Date: 17-Oct-2025 11:21:46

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	49.1	98.18
$ 79 1,2-Dichloroethane-d4 (Surr)	50.0	52.4	104.75
$ 111 Toluene-d8 (Surr)	50.0	53.6	107.30
$ 140 4-Bromofluorobenzene (Surr)	50.0	50.1	100.23

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

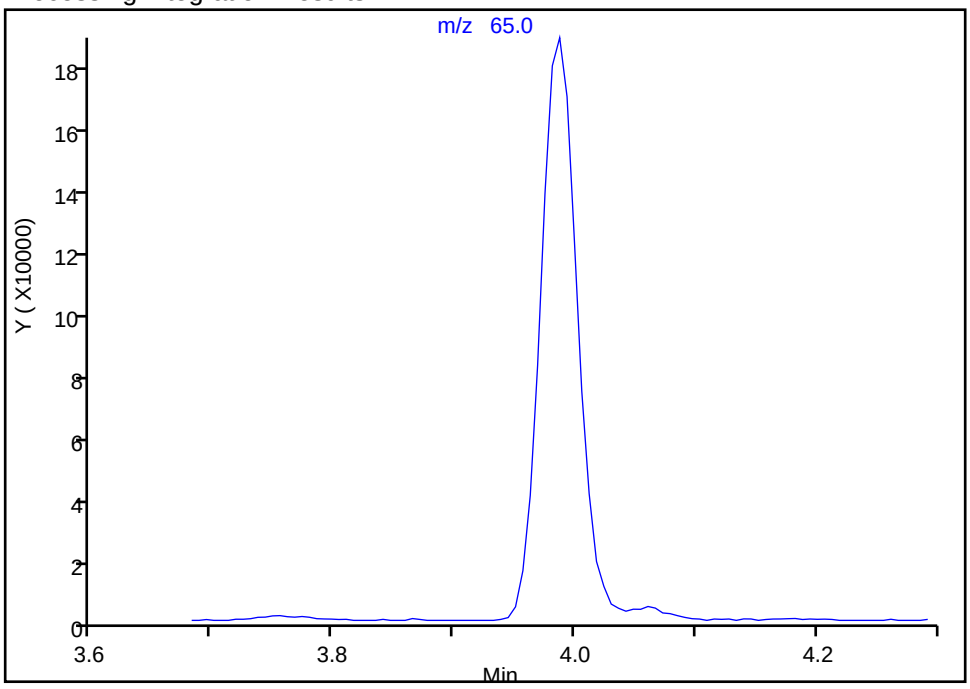
Data File:	\\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X04.D				
Injection Date:	17-Oct-2025 10:36:30	Instrument ID:	15648		
Lims ID:	LCS				
Client ID:					
Operator ID:	HEC94097	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		
Column:	DB-624 20m 0.18mm (0.18 mm)	Detector	MS Quad		

$ 79 1,2-Dichloroethane-d4 (Surr), CAS: 17060-07-0

Signal: 1

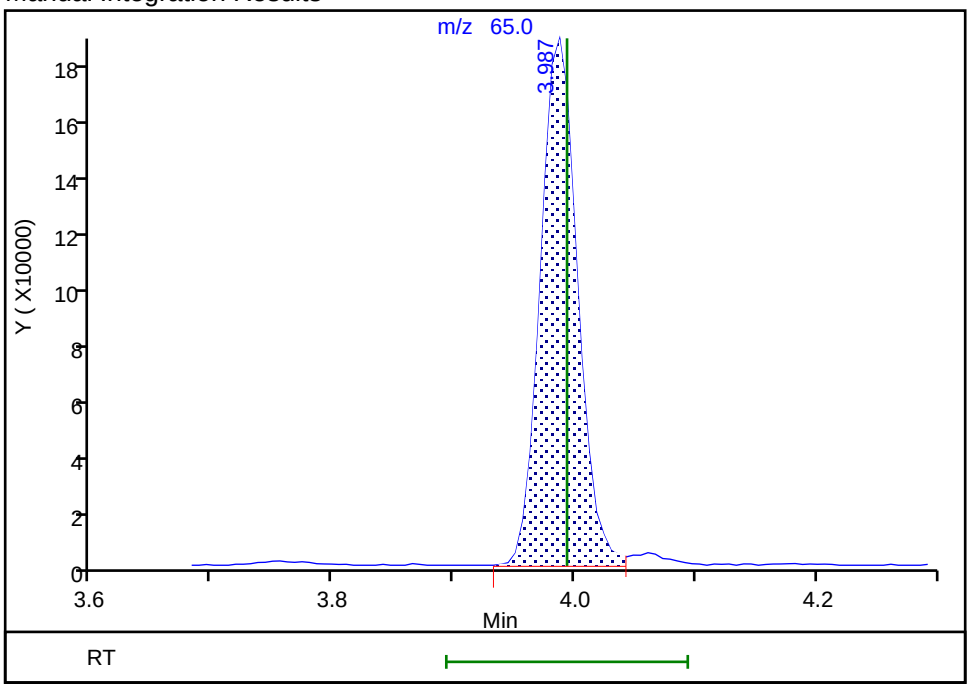
Not Detected
Expected RT: 3.99

Processing Integration Results



Manual Integration Results

RT: 3.99
Area: 391556
Amount: 52.373468
Amount Units: ug/l



Reviewer: WJ7F, 17-Oct-2025 11:21:19 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-715649/6

Matrix: Water
Lab File ID: EC17X05.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 10:56

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715649
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	21.4		1.0	0.30
71-55-6	1,1,1-Trichloroethane	21.0		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	20.9		1.0	0.30
79-00-5	1,1,2-Trichloroethane	20.4		1.0	0.30
75-34-3	1,1-Dichloroethane	21.8		1.0	0.30
75-35-4	1,1-Dichloroethene	20.8		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	19.6		1.0	0.20
107-06-2	1,2-Dichloroethane	19.8		1.0	0.30
78-87-5	1,2-Dichloropropane	21.3		1.0	0.30
78-93-3	2-Butanone (MEK)	283		10	1.0
591-78-6	2-Hexanone	284		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	257		10	0.50
67-64-1	Acetone	338		20	0.70
71-43-2	Benzene	20.7		1.0	0.30
74-97-5	Bromochloromethane	19.2		5.0	0.20
75-27-4	Bromodichloromethane	20.4		1.0	0.20
75-25-2	Bromoform	19.0		4.0	1.0
74-83-9	Bromomethane	16.3		1.0	0.30
75-15-0	Carbon disulfide	19.4		5.0	0.30
56-23-5	Carbon tetrachloride	20.8		1.0	0.30
108-90-7	Chlorobenzene	19.9		1.0	0.30
75-00-3	Chloroethane	17.4		1.0	0.30
67-66-3	Chloroform	20.6		1.0	0.30
74-87-3	Chloromethane	22.6		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	20.9		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	19.0		1.0	0.20
124-48-1	Dibromochloromethane	19.8		1.0	0.20
100-41-4	Ethylbenzene	19.6		1.0	0.40
1634-04-4	Methyl tert-butyl ether	18.0		1.0	0.20
75-09-2	Methylene Chloride	21.0		1.0	0.30
100-42-5	Styrene	19.0		5.0	0.30
127-18-4	Tetrachloroethene	19.6		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-715649/6

Matrix: Water
Lab File ID: EC17X05.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 10:56

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715649
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	20.4		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	20.3		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	19.8		1.0	0.20
79-01-6	Trichloroethene	20.2		1.0	0.30
75-01-4	Vinyl chloride	17.7		1.0	0.30
1330-20-7	Xylenes, Total	58.0		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		80-120
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X05.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 17-Oct-2025 10:56:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163548-006
Operator ID: HEC94097 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 15:18:14 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1623

First Level Reviewer: WJ7F Date: 17-Oct-2025 11:22:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.061	1.073	-0.012	99	117677	20.0	12.5	
4 Chloromethane	50	1.177	1.183	-0.006	99	222054	20.0	22.6	
5 Butadiene	39	1.207	1.220	-0.013	89	187393	20.0	20.7	
6 Vinyl chloride	62	1.232	1.244	-0.012	98	155089	20.0	17.7	
9 Chloroethane	64	1.415	1.421	-0.006	99	86716	20.0	17.4	
8 Bromomethane	94	1.409	1.421	-0.012	86	85892	20.0	16.3	
10 Dichlorofluoromethane	67	1.524	1.537	-0.013	97	234421	20.0	19.7	
11 Pentane	43	1.561	1.573	-0.012	97	189566	20.0	17.6	
12 Trichlorofluoromethane	101	1.598	1.610	-0.012	97	140741	20.0	13.2	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	1.707	1.719	-0.012	96	139746	20.0	19.8	
16 Acrolein	56	1.756	1.762	-0.006	98	254653	146.3	138.8	
17 1,1-Dichloroethene	96	1.835	1.841	-0.006	93	91794	20.0	20.8	
18 Acetone	58	1.841	1.854	-0.013	99	268058	250.0	337.6	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.872	1.878	-0.006	94	86580	20.0	17.7	
20 Isopropyl alcohol	45	1.921	1.939	-0.018	57	76283	150.0	143.1	
22 Iodomethane	142	1.939	1.945	-0.006	100	136235	20.0	17.3	
23 Carbon disulfide	76	1.988	2.000	-0.012	100	252431	20.0	19.4	
25 3-Chloro-1-propene	41	2.061	2.067	-0.006	89	198419	20.0	21.3	
26 Methyl acetate	43	2.067	2.073	-0.006	59	129353	20.0	19.4	
28 Methylene Chloride	84	2.152	2.165	-0.012	99	108348	20.0	21.0	
* 27 t-Butyl alcohol-d10 (IS)	65	2.171	2.165	0.007	90	206898	250.0	250.0	
29 2-Methyl-2-propanol	59	2.219	2.225	-0.006	98	177007	200.0	206.4	
31 Acrylonitrile	53	2.317	2.329	-0.012	98	319672	100.0	102.4	
32 trans-1,2-Dichloroethene	96	2.360	2.366	-0.006	95	99628	20.0	20.3	
33 Methyl tert-butyl ether	73	2.378	2.384	-0.006	98	328723	20.0	18.0	
34 Hexane	57	2.585	2.597	-0.012	96	143577	20.0	17.6	
35 1,1-Dichloroethane	63	2.707	2.713	-0.006	96	218944	20.0	21.8	
37 Isopropyl ether	45	2.780	2.792	-0.012	92	366315	20.0	19.7	
38 2-Chloro-1,3-butadiene	53	2.793	2.799	-0.007	94	184759	20.0	19.4	
39 Tert-butyl ethyl ether	59	3.110	3.116	-0.006	96	319567	20.0	18.0	
40 cis-1,2-Dichloroethene	96	3.225	3.231	-0.006	82	113617	20.0	20.9	
41 2-Butanone (MEK)	43	3.225	3.231	-0.006	99	1222372	250.0	282.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2,2-Dichloropropane	77	3.238	3.250	-0.012	68	174379	20.0	20.5	
44 Propionitrile	54	3.280	3.286	-0.006	98	193639	150.0	153.4	
46 Methacrylonitrile	67	3.427	3.433	-0.006	94	498009	150.0	151.9	
47 Chlorobromomethane	128	3.445	3.445	0.000	92	50926	20.0	19.2	
48 Tetrahydrofuran	71	3.487	3.487	0.000	93	97299	100.0	91.2	
49 Chloroform	83	3.524	3.530	-0.006	95	192076	20.0	20.6	
$ 50 Dibromofluoromethane (Surr)	113	3.670	3.676	-0.006	93	256787	50.0	48.9	
51 1,1,1-Trichloroethane	97	3.707	3.707	0.000	97	173129	20.0	21.0	
53 Cyclohexane	56	3.756	3.768	-0.012	95	189800	20.0	19.2	
58 1,1-Dichloropropene	75	3.853	3.859	-0.006	93	156671	20.0	20.2	
59 Carbon tetrachloride	117	3.865	3.865	0.000	98	148104	20.0	20.8	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	3.987	3.993	-0.006	96	393893	50.0	51.5	
78 Isobutyl alcohol	41	3.987	3.993	-0.006	89	165406	500.0	537.6	
84 Benzene	78	4.048	4.054	-0.006	97	457211	20.0	20.7	
85 1,2-Dichloroethane	62	4.061	4.067	-0.006	95	175282	20.0	19.8	
87 Tert-amyl methyl ether	73	4.182	4.189	-0.006	94	306202	20.0	18.3	
* 88 Fluorobenzene (IS)	96	4.323	4.329	-0.006	98	1109205	50.0	50.0	
89 n-Heptane	43	4.347	4.347	0.000	93	146095	20.0	18.4	
96 n-Butanol	56	4.658	4.664	-0.006	93	232938	1000.0	1184.3	
97 Trichloroethene	95	4.695	4.695	0.001	97	111092	20.0	20.2	
98 Methylcyclohexane	83	4.896	4.902	-0.006	95	161184	20.0	16.5	
100 1,2-Dichloropropane	63	4.914	4.914	0.000	94	128210	20.0	21.3	
101 2-ethoxy-2-methyl butane	87	4.993	4.993	0.000	91	151334	20.0	18.1	
102 Dibromomethane	93	5.030	5.030	0.000	91	71954	20.0	19.7	
103 1,4-Dioxane	88	5.066	5.060	0.006	37	38249	500.0	577.7	
104 Methyl methacrylate	69	5.066	5.072	-0.006	94	96085	20.0	18.6	
106 Dichlorobromomethane	83	5.207	5.207	0.000	98	150941	20.0	20.4	
107 2-Nitropropane	41	5.432	5.438	-0.006	100	47204	20.0	16.6	
108 2-Chloroethyl vinyl ether	63	5.548	5.548	0.000	93	71825	20.0	15.5	
109 cis-1,3-Dichloropropene	75	5.682	5.682	0.000	92	176311	20.0	19.0	
110 4-Methyl-2-pentanone (MIBK)	43	5.865	5.865	0.000	99	2226607	250.0	256.6	
$ 111 Toluene-d8 (Surr)	98	5.963	5.963	0.000	94	1149560	50.0	52.1	
112 Toluene	92	6.036	6.036	0.000	97	275009	20.0	20.4	
114 trans-1,3-Dichloropropene	75	6.286	6.286	0.000	97	168082	20.0	19.8	
115 Ethyl methacrylate	69	6.426	6.426	0.000	92	154421	20.0	18.2	
116 1,1,2-Trichloroethane	97	6.475	6.475	0.000	92	102442	20.0	20.4	
117 Tetrachloroethene	166	6.627	6.627	0.000	94	104398	20.0	19.6	
119 1,3-Dichloropropane	76	6.652	6.651	0.001	95	189730	20.0	20.9	
121 2-Hexanone	43	6.780	6.786	-0.006	98	1739499	250.0	283.8	
122 Chlorodibromomethane	129	6.895	6.895	0.000	91	110196	20.0	19.8	
124 Ethylene Dibromide	107	7.005	7.005	0.000	98	102664	20.0	19.6	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.517	0.000	89	783009	50.0	50.0	
127 Chlorobenzene	112	7.548	7.548	0.000	92	291054	20.0	19.9	
128 1-Chlorohexane	91	7.566	7.566	0.000	86	126775	20.0	18.7	
129 1,1,1,2-Tetrachloroethane	131	7.639	7.639	0.000	95	104032	20.0	21.4	
130 Ethylbenzene	91	7.676	7.676	0.000	99	500798	20.0	19.6	
132 m-Xylene & p-Xylene	106	7.792	7.798	-0.006	99	388406	40.0	39.5	
133 o-Xylene	106	8.157	8.157	0.000	97	177406	20.0	18.5	
135 Styrene	104	8.170	8.169	0.000	94	308235	20.0	19.0	
136 Bromoform	173	8.304	8.304	0.000	95	77509	20.0	19.0	
137 Isopropylbenzene	105	8.487	8.486	0.001	97	462428	20.0	19.1	
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	84	404706	50.0	49.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
142 Bromobenzene	156	8.712	8.712	0.000	97	112786	20.0	19.3	
143 1,1,2,2-Tetrachloroethane	83	8.730	8.730	0.000	95	167957	20.0	20.9	
144 1,2,3-Trichloropropane	110	8.755	8.755	0.000	87	48715	20.0	20.4	
145 trans-1,4-Dichloro-2-butene	53	8.779	8.779	0.000	95	288673	100.0	98.3	
146 N-Propylbenzene	91	8.822	8.822	0.000	99	603830	20.0	21.2	
147 2-Chlorotoluene	126	8.877	8.877	0.000	95	112583	20.0	20.3	
148 4-Chlorotoluene	126	8.968	8.968	0.000	99	114245	20.0	19.6	
149 1,3,5-Trimethylbenzene	105	8.974	8.968	0.006	94	411080	20.0	20.8	
152 tert-Butylbenzene	134	9.218	9.218	0.000	94	74006	20.0	18.2	
153 1,2,4-Trimethylbenzene	105	9.255	9.255	0.000	98	408910	20.0	19.9	
154 sec-Butylbenzene	105	9.383	9.383	0.000	96	486280	20.0	20.1	
155 1,3-Dichlorobenzene	146	9.450	9.450	0.000	96	219601	20.0	20.3	
156 4-Isopropyltoluene	119	9.499	9.498	0.001	79	412573	20.0	19.3	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.498	0.001	97	421229	50.0	50.0	
159 1,4-Dichlorobenzene	146	9.517	9.517	0.000	95	232349	20.0	20.5	
160 1,2,3-Trimethylbenzene	105	9.566	9.566	0.000	99	434251	20.0	20.7	
161 Benzyl chloride	91	9.620	9.620	0.000	99	319755	20.0	22.2	
162 1,3-Diethylbenzene	119	9.718	9.718	0.000	95	236776	20.0	20.4	
163 p-Diethylbenzene	119	9.779	9.779	0.000	94	250426	20.0	19.5	
164 1,2-Dichlorobenzene	146	9.785	9.785	0.000	95	223710	20.0	20.4	
165 n-Butylbenzene	92	9.791	9.791	0.000	98	216250	20.0	21.1	
166 o-diethylbenzene	119	9.858	9.858	0.000	97	212999	20.0	20.3	
169 1,2-Dibromo-3-Chloropropane	75	10.322	10.321	0.001	75	40517	20.0	21.0	
170 1,3,5-Trichlorobenzene	180	10.474	10.474	0.000	96	143337	20.0	18.8	
171 1,2,4-Trichlorobenzene	180	10.882	10.882	0.000	94	130745	20.0	18.1	
172 Hexachlorobutadiene	225	11.004	11.004	0.000	97	54839	20.0	18.0	
174 Naphthalene	128	11.041	11.041	0.000	98	410175	20.0	16.8	
175 1,2,3-Trichlorobenzene	180	11.199	11.199	0.000	93	127855	20.0	17.9	
177 2-Methylnaphthalene	142	11.760	11.760	0.000	92	181524	20.0	16.7	

QC Flag Legend

Processing Flags

Reagents:

MSV_LCS_2CEVE_00252	Amount Added: 50.00	Units: uL	
MSV_LCS_VOC#1_00244	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00272	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00249	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00048	Amount Added: 5.00	Units: uL	Run Reagent

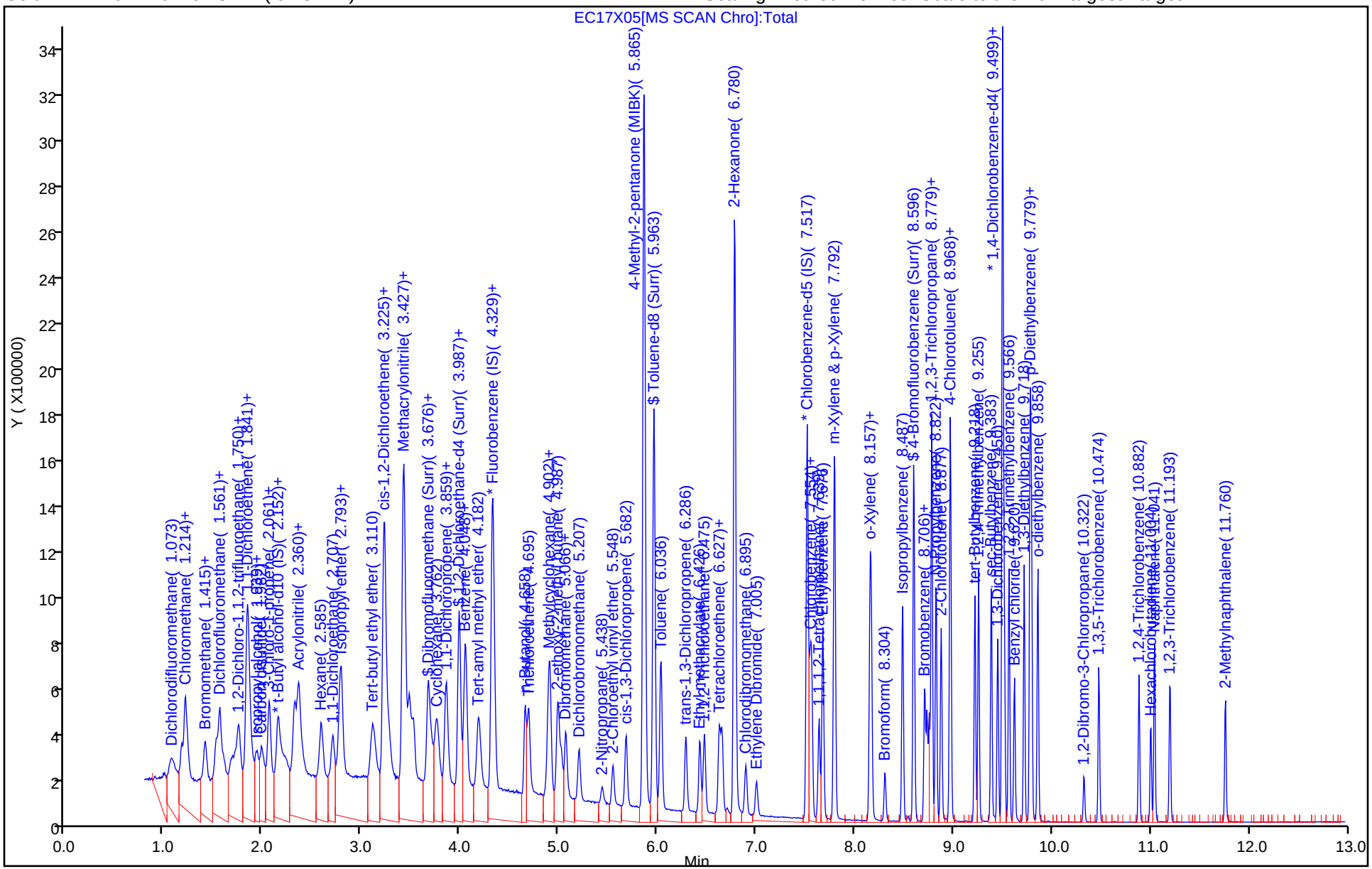
Report Date: 17-Oct-2025 15:19:09 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X05.D

Injection Date:	17-Oct-2025 10:56:30	Instrument ID:	15648	Operator ID:	HEC94097
Lims ID:	LCSD			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X05.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 17-Oct-2025 10:56:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163548-006
Operator ID: HEC94097 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 15:18:14 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1623

First Level Reviewer: WJ7F Date: 17-Oct-2025 11:22:58

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	48.9	97.78
$ 79 1,2-Dichloroethane-d4 (Surr)	50.0	51.5	103.10
$ 111 Toluene-d8 (Surr)	50.0	52.1	104.26
$ 140 4-Bromofluorobenzene (Surr)	50.0	49.6	99.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID: HD-MW-79-0/1-0 MS MS
Lab Sample ID: 410-246092-4 MS

Matrix: Water
Lab File ID: EC17X17.D

Analysis Method: 8260D
Date Collected: 10/07/2025 10:32

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 15:21

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715649
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	23.4		1.0	0.30
71-55-6	1,1,1-Trichloroethane	23.0		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	20.8		1.0	0.30
79-00-5	1,1,2-Trichloroethane	21.6		1.0	0.30
75-34-3	1,1-Dichloroethane	24.8		1.0	0.30
75-35-4	1,1-Dichloroethene	23.1		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	20.2		1.0	0.20
107-06-2	1,2-Dichloroethane	19.9		1.0	0.30
78-87-5	1,2-Dichloropropane	21.7		1.0	0.30
78-93-3	2-Butanone (MEK)	240		10	1.0
591-78-6	2-Hexanone	271		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	254		10	0.50
67-64-1	Acetone	235		20	0.70
71-43-2	Benzene	21.9		1.0	0.30
74-97-5	Bromochloromethane	20.2		5.0	0.20
75-27-4	Bromodichloromethane	20.8		1.0	0.20
75-25-2	Bromoform	19.5		4.0	1.0
74-83-9	Bromomethane	17.6		1.0	0.30
75-15-0	Carbon disulfide	22.1		5.0	0.30
56-23-5	Carbon tetrachloride	23.8		1.0	0.30
108-90-7	Chlorobenzene	21.2		1.0	0.30
75-00-3	Chloroethane	19.8		1.0	0.30
67-66-3	Chloroform	22.1		1.0	0.30
74-87-3	Chloromethane	26.0		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	23.5		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	18.0		1.0	0.20
124-48-1	Dibromochloromethane	20.6		1.0	0.20
100-41-4	Ethylbenzene	21.5		1.0	0.40
1634-04-4	Methyl tert-butyl ether	17.4		1.0	0.20
75-09-2	Methylene Chloride	21.9		1.0	0.30
100-42-5	Styrene	20.1		5.0	0.30
127-18-4	Tetrachloroethene	21.9		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID: HD-MW-79-0/1-0 MS MS
Lab Sample ID: 410-246092-4 MS

Matrix: Water
Lab File ID: EC17X17.D

Analysis Method: 8260D
Date Collected: 10/07/2025 10:32

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 15:21

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715649
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	22.3		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	22.1		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	20.4		1.0	0.20
79-01-6	Trichloroethene	21.5		1.0	0.30
75-01-4	Vinyl chloride	20.0		1.0	0.30
1330-20-7	Xylenes, Total	62.7		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		80-120
460-00-4	4-Bromofluorobenzene (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		80-120
2037-26-5	Toluene-d8 (Surr)	109		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X17.D
Lims ID: 410-246092-A-4 MS
Client ID: HD-MW-79-0/1-0 MS
Sample Type: MS
Inject. Date: 17-Oct-2025 15:21:30 ALS Bottle#: 17 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163548-019
Operator ID: HEC94097 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 20:21:03 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: Y6ZN Date: 17-Oct-2025 20:19:18

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	116		1.037					ND	
3	Chlorodifluoromethane	51		1.061					ND	U
2	Dichlorodifluoromethane	85	1.073	1.073	0.000	98	149346	20.0	15.6	
4	Chloromethane	50	1.189	1.183	0.006	99	259876	20.0	26.0	
5	Butadiene	39	1.220	1.220	0.000	90	242331	20.0	26.3	
6	Vinyl chloride	62	1.244	1.244	0.000	97	178033	20.0	20.0	
7	2-Chloro-1,1,1-Trifluoroethane	118		1.244					ND	
9	Chloroethane	64	1.427	1.421	0.006	100	100223	20.0	19.8	
8	Bromomethane	94	1.421	1.421	0.000	80	94533	20.0	17.6	
10	Dichlorofluoromethane	67	1.537	1.537	0.000	97	254203	20.0	21.0	
11	Pentane	43	1.573	1.573	0.000	96	243267	20.0	22.2	
12	Trichlorofluoromethane	101	1.610	1.610	0.000	96	175618	20.0	16.1	
13	Ethanol	45		1.616					ND	7
14	Ethyl ether	59		1.689					ND	
15	1,2-Dichloro-1,1,2-trifluoroetha	67	1.713	1.719	-0.006	95	163434	20.0	22.8	
16	Acrolein	56	1.762	1.762	0.000	99	259381	146.3	138.5	
17	1,1-Dichloroethene	96	1.842	1.841	0.001	93	103689	20.0	23.1	
18	Acetone	58	1.854	1.854	0.000	98	190755	250.0	235.2	
19	1,1,2-Trichloro-1,2,2-trifluoroe	101	1.878	1.878	0.000	96	108570	20.0	21.8	
20	Isopropyl alcohol	45	1.939	1.939	0.000	44	71759	150.0	131.9	
22	Iodomethane	142	1.945	1.945	0.000	99	144301	20.0	18.0	
23	Carbon disulfide	76	1.994	2.000	-0.006	100	293528	20.0	22.1	
24	Acetonitrile	41		2.043					ND	
25	3-Chloro-1-propene	41	2.073	2.067	0.006	89	209209	20.0	22.0	
26	Methyl acetate	43	2.079	2.073	0.006	49	125949	20.0	18.6	
28	Methylene Chloride	84	2.165	2.165	0.001	98	114898	20.0	21.9	
* 27	t-Butyl alcohol-d10 (IS)	65	2.177	2.165	0.013	93	211272	250.0	250.0	
29	2-Methyl-2-propanol	59	2.232	2.225	0.007	96	174101	200.0	198.8	
31	Acrylonitrile	53	2.329	2.329	0.000	99	321545	100.0	101.2	
32	trans-1,2-Dichloroethene	96	2.372	2.366	0.006	94	110409	20.0	22.1	
33	Methyl tert-butyl ether	73	2.390	2.384	0.006	97	322972	20.0	17.4	
34	Hexane	57	2.604	2.597	0.007	94	175120	20.0	21.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	2.719	2.713	0.006	97	253126	20.0	24.8	
36 Vinyl acetate	43		2.756					ND	U
37 Isopropyl ether	45	2.793	2.792	0.001	94	376795	20.0	19.9	
38 2-Chloro-1,3-butadiene	53	2.799	2.799	0.000	93	198921	20.0	20.5	
39 Tert-butyl ethyl ether	59	3.116	3.116	0.000	96	323454	20.0	17.9	
40 cis-1,2-Dichloroethene	96	3.238	3.231	0.007	52	130147	20.0	23.5	
41 2-Butanone (MEK)	43	3.238	3.231	0.007	99	1057377	250.0	240.1	
42 2,2-Dichloropropane	77	3.250	3.250	0.000	90	193021	20.0	22.3	
44 Propionitrile	54	3.292	3.286	0.006	97	202804	150.0	157.3	
45 Ethyl acetate	43		3.305					ND	
43 Methyl acrylate	55		3.341					ND	
46 Methacrylonitrile	67	3.433	3.433	0.000	94	500832	150.0	150.1	
47 Chlorobromomethane	128	3.451	3.445	0.006	91	54622	20.0	20.2	
48 Tetrahydrofuran	71	3.494	3.487	0.007	88	98467	100.0	90.4	
49 Chloroform	83	3.530	3.530	0.000	94	209680	20.0	22.1	
$ 50 Dibromofluoromethane (Surr)	113	3.683	3.676	0.007	92	262794	50.0	49.2	
51 1,1,1-Trichloroethane	97	3.713	3.707	0.006	97	192664	20.0	23.0	
53 Cyclohexane	56	3.768	3.768	0.000	94	233487	20.0	23.2	
58 1,1-Dichloropropene	75	3.859	3.859	0.000	93	170635	20.0	21.6	
59 Carbon tetrachloride	117	3.866	3.865	0.001	97	172924	20.0	23.8	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	3.994	3.993	0.001	94	410636	50.0	52.8	
78 Isobutyl alcohol	41		3.993				ND	ND	U
84 Benzene	78	4.055	4.054	0.000	97	493456	20.0	21.9	
85 1,2-Dichloroethane	62	4.067	4.067	0.000	97	179646	20.0	19.9	
86 Isopropyl acetate	43		4.164					ND	
87 Tert-amyl methyl ether	73	4.189	4.189	0.001	95	304827	20.0	17.9	
* 88 Fluorobenzene (IS)	96	4.329	4.329	0.000	98	1128818	50.0	50.0	
89 n-Heptane	43	4.347	4.347	0.000	94	187677	20.0	23.2	
96 n-Butanol	56	4.658	4.664	-0.006	97	222136	1000.0	1106.0	
97 Trichloroethene	95	4.701	4.695	0.007	97	120475	20.0	21.5	
98 Methylcyclohexane	83	4.902	4.902	0.000	95	200935	20.0	20.2	
99 Ethyl acrylate	55		4.902					ND	U
100 1,2-Dichloropropane	63	4.914	4.914	0.000	93	133056	20.0	21.7	
101 2-ethoxy-2-methyl butane	87	4.987	4.993	-0.006	92	155760	20.0	18.3	
102 Dibromomethane	93	5.030	5.030	0.000	95	69757	20.0	18.8	
103 1,4-Dioxane	88	5.073	5.060	0.013	36	34655	500.0	512.5	
104 Methyl methacrylate	69	5.073	5.072	0.001	95	93273	20.0	17.7	
105 n-Propyl acetate	61		5.152					ND	
106 Dichlorobromomethane	83	5.207	5.207	0.000	99	156963	20.0	20.8	
107 2-Nitropropane	41	5.438	5.438	0.000	98	52569	20.0	18.2	
108 2-Chloroethyl vinyl ether	63		5.548				ND	ND	
109 cis-1,3-Dichloropropene	75	5.682	5.682	0.000	92	170279	20.0	18.0	
110 4-Methyl-2-pentanone (MIBK)	43	5.865	5.865	0.000	99	2242794	250.0	254.0	
$ 111 Toluene-d8 (Surr)	98	5.963	5.963	0.000	94	1182278	50.0	54.6	
112 Toluene	92	6.036	6.036	0.000	97	295169	20.0	22.3	
S 113 1,2-Dichloroethene, Total	100				0			45.6	
114 trans-1,3-Dichloropropene	75	6.286	6.286	0.000	97	170116	20.0	20.4	
115 Ethyl methacrylate	69	6.432	6.426	0.006	90	151307	20.0	18.1	
116 1,1,2-Trichloroethane	97	6.475	6.475	0.000	91	106558	20.0	21.6	
117 Tetrachloroethene	166	6.627	6.627	0.000	93	114748	20.0	21.9	
119 1,3-Dichloropropane	76	6.652	6.651	0.001	96	189483	20.0	21.2	
120 3,4-Dichloro-1-butene	75		6.713					ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
121 2-Hexanone	43	6.780	6.786	-0.006	98	1632442	250.0	271.2	
122 Chlorodibromomethane	129	6.895	6.895	0.000	91	112728	20.0	20.6	
123 n-Butyl acetate	43		6.962					ND	7
124 Ethylene Dibromide	107	7.005	7.005	0.000	98	103871	20.0	20.2	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.517	0.000	89	768865	50.0	50.0	
127 Chlorobenzene	112	7.548	7.548	0.000	92	303922	20.0	21.2	
128 1-Chlorohexane	91	7.566	7.566	0.000	89	145427	20.0	21.8	
129 1,1,1,2-Tetrachloroethane	131	7.639	7.639	0.000	94	111828	20.0	23.4	
130 Ethylbenzene	91	7.676	7.676	0.000	99	540243	20.0	21.5	
131 t-Amyl alcohol	73	7.700	7.741	-0.041	1	101		NC	
132 m-Xylene & p-Xylene	106	7.798	7.798	0.000	99	414077	40.0	42.9	
133 o-Xylene	106	8.157	8.157	0.000	97	186079	20.0	19.8	
135 Styrene	104	8.170	8.169	0.001	95	321151	20.0	20.1	
134 n-Butyl acrylate	55		8.169					ND	7
136 Bromoform	173	8.310	8.304	0.006	94	78188	20.0	19.5	
137 Isopropylbenzene	105	8.487	8.486	0.001	97	498429	20.0	20.9	
138 Cyclohexanone	55		8.535					ND	7
139 cis-1,4-Dichloro-2-butene	88		8.541					ND	7
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	84	411412	50.0	51.4	
142 Bromobenzene	156	8.712	8.712	0.000	97	117740	20.0	19.6	
143 1,1,2,2-Tetrachloroethane	83	8.730	8.730	0.000	95	172118	20.0	20.8	
144 1,2,3-Trichloropropane	110	8.755	8.755	0.000	85	48240	20.0	19.6	
145 trans-1,4-Dichloro-2-butene	53	8.779	8.779	0.000	95	267810	100.0	88.7	
146 N-Propylbenzene	91	8.828	8.822	0.006	99	662107	20.0	22.6	
147 2-Chlorotoluene	126	8.877	8.877	0.000	95	120391	20.0	21.1	
148 4-Chlorotoluene	126	8.968	8.968	0.000	99	121793	20.0	20.4	
149 1,3,5-Trimethylbenzene	105	8.974	8.968	0.006	94	443408	20.0	21.8	
150 2,3,4-Trichlorobutene	109		9.011					ND	
152 tert-Butylbenzene	134	9.218	9.218	0.000	94	82257	20.0	19.7	
151 Pentachloroethane	167		9.218					ND	7
153 1,2,4-Trimethylbenzene	105	9.255	9.255	0.000	98	431134	20.0	20.4	
154 sec-Butylbenzene	105	9.383	9.383	0.000	96	530835	20.0	21.3	
155 1,3-Dichlorobenzene	146	9.450	9.450	0.000	97	230414	20.0	20.7	
156 4-Isopropyltoluene	119	9.499	9.498	0.001	81	454955	20.0	20.7	
* 157 1,4-Dichlorobenzene-d4	152	9.499	9.498	0.001	97	433194	50.0	50.0	
159 1,4-Dichlorobenzene	146	9.517	9.517	0.000	95	245127	20.0	21.0	
160 1,2,3-Trimethylbenzene	105	9.566	9.566	0.000	99	451946	20.0	20.9	
161 Benzyl chloride	91	9.620	9.620	0.000	99	312605	20.0	21.1	
162 1,3-Diethylbenzene	119	9.718	9.718	0.000	95	249772	20.0	20.9	
163 p-Diethylbenzene	119	9.779	9.779	0.000	94	277280	20.0	21.0	
164 1,2-Dichlorobenzene	146	9.785	9.785	0.000	96	230618	20.0	20.5	
165 n-Butylbenzene	92	9.791	9.791	0.000	98	237420	20.0	22.5	
166 o-diethylbenzene	119	9.858	9.858	0.000	96	225806	20.0	21.0	
S 168 1,3-Dichloropropene, Total	100				0			38.4	
169 1,2-Dibromo-3-Chloropropane	75	10.322	10.321	0.001	77	39999	20.0	20.2	
170 1,3,5-Trichlorobenzene	180	10.474	10.474	0.000	95	148492	20.0	19.0	
171 1,2,4-Trichlorobenzene	180	10.882	10.882	0.000	93	128749	20.0	17.4	
172 Hexachlorobutadiene	225	11.004	11.004	0.000	97	60764	20.0	19.4	
173 2-Ethylhexyl acrylate	55		11.029					ND	7
174 Naphthalene	128	11.041	11.041	0.000	98	407628	20.0	16.2	
175 1,2,3-Trichlorobenzene	180	11.193	11.199	-0.006	93	126856	20.0	17.3	
S 176 Xylenes, Total	106				0			62.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
177 2-Methylnaphthalene	142	11.760	11.760	0.000	91	173711	20.0	15.6	
178 Hexachloroethane	201		13.560					ND	
179 C4-C10	1		0.000					ND	
$ 211 trans-1,2,3-Trichlorobutene-2 TI	1		0.000					ND	
212 sec-Butyl Alcohol TIC	1		0.000					ND	
213 1,3-Divinylbenzene	1		0.000					ND	
214 n-Octane	1		0.000					ND	
215 Undecane	1		0.000					ND	
216 Ethyl bromide	1		0.000					ND	
217 Chloroacetonitrile	1		0.000					ND	
218 1-Chlorobutane	1		0.000					ND	
219 Dimethylformamide TIC	1		0.000					ND	
208 3-Pentanone TIC	1		0.000					ND	
209 2-Butoxyethyl acetate	1		0.000					ND	
210 Gasoline (Unleaded)	1		0.000					ND	
220 1-Methylnaphthalene	142		0.000					ND	
224 Cyclopentane TIC	1		0.000					ND	
225 1,1,1,2-Tetrafluoroethane TIC	1		0.000					ND	
226 2-ethoxy-2-methyl butane TIC	1		0.000					ND	
227 2,3-Dimethylbutane TIC	1		0.000					ND	
228 2,2-Dimethylbutane TIC	1		0.000					ND	
229 Methylcyclopentane TIC	1		0.000					ND	
230 Decamethylcyclopentasiloxane TIC	1		0.000					ND	
231 Dimethyl Sulfide TIC	1		0.000					ND	
232 2,2-Dimethylpropane TIC	1		0.000					ND	
221 2-Methylhexane TIC	1		0.000					ND	
222 1-Methylnaphthalene (TIC)	1		0.000					ND	
223 3-Methylpentane TIC	1		0.000					ND	
207 4-Ethyltoluene	1		0.000					ND	
206 cis-1,2,3-Trichlorobutene-2	1		0.000					ND	
205 Butane	1		0.000					ND	
182 2,3-Dichloro-1,3-butadiene	1		0.000					ND	
S 183 divinyl benzene	1		0.000					ND	7
184 trans-1,2,3-Trichlorobutene-2	1		0.000					ND	
185 3-chloro-1-Butene	1		0.000					ND	
186 n-Nonane	1		0.000					ND	
187 C5-C12	1		0.000					ND	
188 Isobutyl acetate	43		0.000					ND	
189 1-Bromo-2-chloroethane	1		0.000					ND	
S 190 Total BTEX	1		0.000					ND	
191 Propanol	1		0.000					ND	
180 sec-Butyl Alcohol	45		0.000					ND	
181 Methylal	1		0.000					ND	
192 tert-Butyl Formate	1		0.000					ND	
195 C6-C10	1		0.000					ND	
196 1,1-Dichloro-1-fluoroethane	1		0.000					ND	
197 Dodecane	57		0.000					ND	
198 n-Decane	57		0.000					ND	
199 C6-C12	1		0.000					ND	
200 1,4-Divinylbenzene	1		0.000					ND	
201 1,1,2,2-Tetrachloro-1,2-difluoro	1		0.000					ND	
202 C4-C12	1		0.000					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
203 3-Methyl-1-butene	1		0.000					ND	
204 Propene oxide	1		0.000					ND	
S 193 Total Diethylbenzene	1				0			62.9	
194 Diethoxymethane	1		0.000					ND	
233 3-Methylhexane TIC	1		0.000					ND	
234 C7-C12	1		0.000					ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND
- 7 - Failed Limit of Detection

Review Flags
- U - Marked Undetected

Reagents:

MSV_LCS_2CEVE_00252	Amount Added:	21.50	Units: uL	
MSV_LCS_VOC#1_00244	Amount Added:	21.50	Units: uL	
MSV_LCS_Gases_00272	Amount Added:	21.50	Units: uL	
MSV_LCS_ACROL_00249	Amount Added:	21.50	Units: uL	
MSV_Cent_ISSS_00048	Amount Added:	5.00	Units: uL	Run Reagent

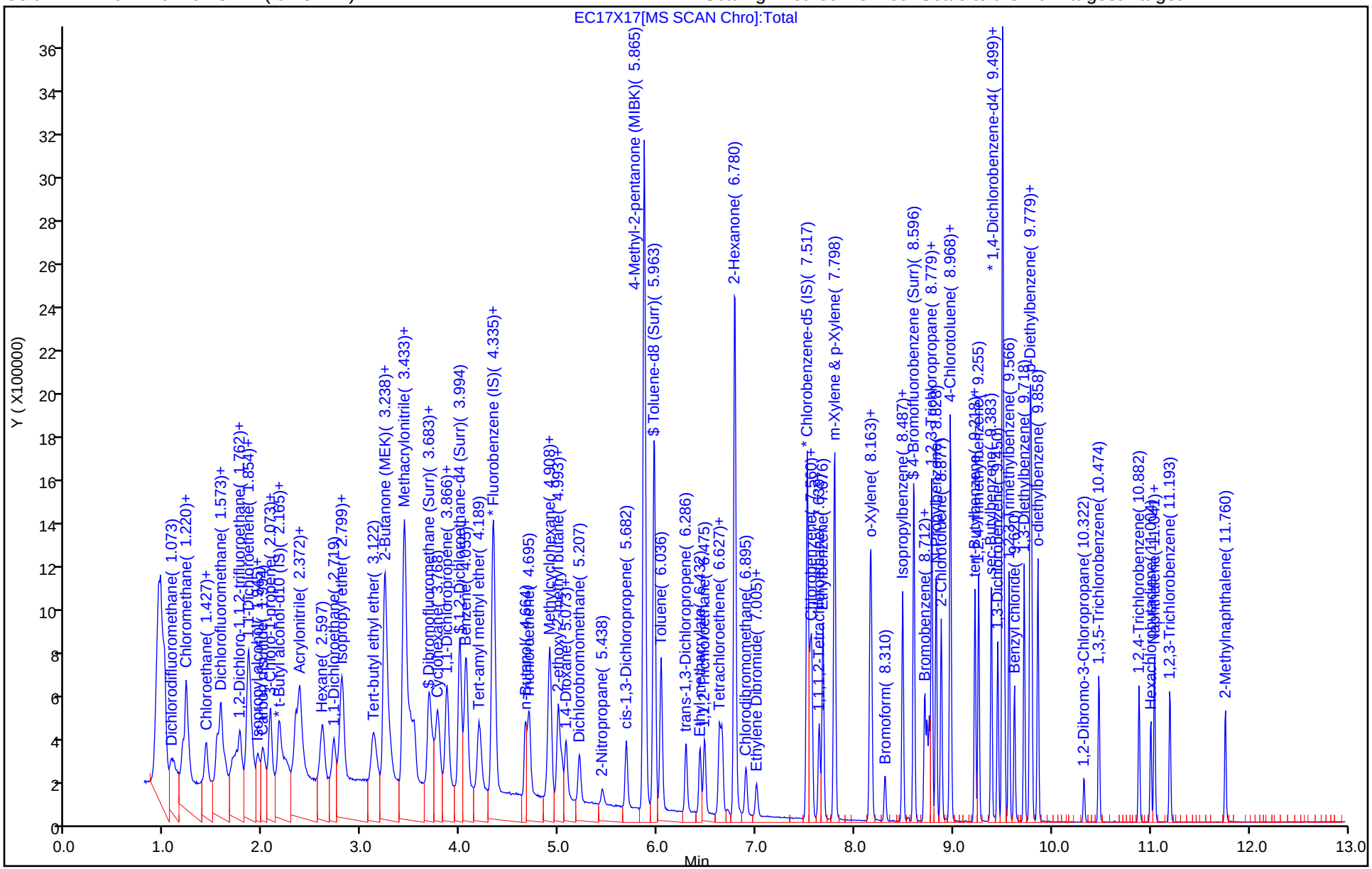
Report Date: 17-Oct-2025 20:21:29 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X17.D

Injection Date:	17-Oct-2025 15:21:30	Instrument ID:	15648	Operator ID:	HEC94097
Lims ID:	410-246092-A-4 MS			Worklist Smp#:	19
Client ID:	HD-MW-79-0/1-0 MS				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X17.D
Lims ID: 410-246092-A-4 MS
Client ID: HD-MW-79-0/1-0 MS
Sample Type: MS
Inject. Date: 17-Oct-2025 15:21:30 ALS Bottle#: 17 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163548-019
Operator ID: HEC94097 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 20:21:03 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: Y6ZN Date: 17-Oct-2025 20:19:18

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	49.2	98.33
$ 79 1,2-Dichloroethane-d4 (Surr)	50.0	52.8	105.61
$ 111 Toluene-d8 (Surr)	50.0	54.6	109.20
$ 140 4-Bromofluorobenzene (Surr)	50.0	51.4	102.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID: HD-MW-79-0/1-0 MSD MSD
Lab Sample ID: 410-246092-4 MSD

Matrix: Water
Lab File ID: EC17X18.D

Analysis Method: 8260D
Date Collected: 10/07/2025 10:32

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 15:40

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715649
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	22.3		1.0	0.30
71-55-6	1,1,1-Trichloroethane	23.1		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	20.4		1.0	0.30
79-00-5	1,1,2-Trichloroethane	20.8		1.0	0.30
75-34-3	1,1-Dichloroethane	25.3		1.0	0.30
75-35-4	1,1-Dichloroethene	24.0		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	19.6		1.0	0.20
107-06-2	1,2-Dichloroethane	19.7		1.0	0.30
78-87-5	1,2-Dichloropropane	21.9		1.0	0.30
78-93-3	2-Butanone (MEK)	240		10	1.0
591-78-6	2-Hexanone	266		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	254		10	0.50
67-64-1	Acetone	227		20	0.70
71-43-2	Benzene	22.1		1.0	0.30
74-97-5	Bromochloromethane	20.2		5.0	0.20
75-27-4	Bromodichloromethane	20.7		1.0	0.20
75-25-2	Bromoform	19.5		4.0	1.0
74-83-9	Bromomethane	17.7		1.0	0.30
75-15-0	Carbon disulfide	20.7		5.0	0.30
56-23-5	Carbon tetrachloride	23.3		1.0	0.30
108-90-7	Chlorobenzene	21.2		1.0	0.30
75-00-3	Chloroethane	19.9		1.0	0.30
67-66-3	Chloroform	21.6		1.0	0.30
74-87-3	Chloromethane	25.7		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	23.3		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	18.6		1.0	0.20
124-48-1	Dibromochloromethane	20.4		1.0	0.20
100-41-4	Ethylbenzene	21.7		1.0	0.40
1634-04-4	Methyl tert-butyl ether	17.7		1.0	0.20
75-09-2	Methylene Chloride	21.7		1.0	0.30
100-42-5	Styrene	20.1		5.0	0.30
127-18-4	Tetrachloroethene	21.9		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-246092-1

SDG No.:

Client Sample ID: HD-MW-79-0/1-0 MSD MSD
Lab Sample ID: 410-246092-4 MSD

Matrix: Water
Lab File ID: EC17X18.D

Analysis Method: 8260D
Date Collected: 10/07/2025 10:32

Sample wt/vol: 5(mL)
Date Analyzed: 10/17/2025 15:40

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: DB-624 20m ID: 0.18(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 715649
Units: ug/L

Preparation Batch No.:
Instrument ID: 15648

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	22.0		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	22.7		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	20.6		1.0	0.20
79-01-6	Trichloroethene	21.4		1.0	0.30
75-01-4	Vinyl chloride	20.2		1.0	0.30
1330-20-7	Xylenes, Total	62.8		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		80-120
460-00-4	4-Bromofluorobenzene (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		80-120
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X18.D
Lims ID: 410-246092-A-4 MSD
Client ID: HD-MW-79-0/1-0 MSD
Sample Type: MSD
Inject. Date: 17-Oct-2025 15:40:30 ALS Bottle#: 18 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163548-020
Operator ID: HEC94097 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 20:21:03 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: Y6ZN Date: 17-Oct-2025 20:21:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.037					ND	
3 Chlorodifluoromethane	51		1.061					ND	U
2 Dichlorodifluoromethane	85	1.067	1.073	-0.006	99	155088	20.0	15.7	
4 Chloromethane	50	1.183	1.183	0.000	99	264680	20.0	25.7	
5 Butadiene	39	1.213	1.220	-0.007	88	242007	20.0	25.5	
6 Vinyl chloride	62	1.238	1.244	-0.006	98	184874	20.0	20.2	
7 2-Chloro-1,1,1-Trifluoroethane	118		1.244					ND	
9 Chloroethane	64	1.421	1.421	0.000	99	103671	20.0	19.9	
8 Bromomethane	94	1.415	1.421	-0.006	80	98034	20.0	17.7	
10 Dichlorofluoromethane	67	1.531	1.537	-0.007	97	260888	20.0	20.9	
11 Pentane	43	1.567	1.573	-0.006	98	251427	20.0	22.3	
12 Trichlorofluoromethane	101	1.610	1.610	0.000	97	176557	20.0	15.7	
13 Ethanol	45		1.616					ND	7
14 Ethyl ether	59		1.689					ND	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	1.719	1.719	0.000	95	165723	20.0	22.4	
16 Acrolein	56	1.762	1.762	0.000	99	259597	146.3	129.7	
17 1,1-Dichloroethene	96	1.841	1.841	0.000	93	110942	20.0	24.0	
18 Acetone	58	1.854	1.854	0.000	99	196259	250.0	226.5	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.872	1.878	-0.006	94	113096	20.0	22.0	
20 Isopropyl alcohol	45	1.939	1.939	0.000	44	90157	150.0	155.0	
22 Iodomethane	142	1.945	1.945	0.000	99	151931	20.0	18.4	
23 Carbon disulfide	76	2.000	2.000	0.000	100	283225	20.0	20.7	
24 Acetonitrile	41		2.043					ND	
25 3-Chloro-1-propene	41	2.067	2.067	0.000	88	216744	20.0	22.2	
26 Methyl acetate	43	2.073	2.073	0.000	50	130877	20.0	18.7	
28 Methylene Chloride	84	2.158	2.165	-0.006	97	117580	20.0	21.7	
* 27 t-Butyl alcohol-d10 (IS)	65	2.165	2.165	0.001	93	225745	250.0	250.0	
29 2-Methyl-2-propanol	59	2.232	2.225	0.007	95	184026	200.0	196.7	
31 Acrylonitrile	53	2.329	2.329	0.000	96	329481	100.0	100.6	
32 trans-1,2-Dichloroethene	96	2.366	2.366	0.000	96	116960	20.0	22.7	
33 Methyl tert-butyl ether	73	2.372	2.384	-0.012	66	338157	20.0	17.7	
34 Hexane	57	2.597	2.597	0.000	95	190245	20.0	22.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	2.713	2.713	0.000	97	266192	20.0	25.3	
36 Vinyl acetate	43		2.756					ND	
37 Isopropyl ether	45	2.792	2.792	0.000	92	387667	20.0	19.9	
38 2-Chloro-1,3-butadiene	53	2.799	2.799	0.000	92	212196	20.0	21.3	
39 Tert-butyl ethyl ether	59	3.116	3.116	0.000	96	336474	20.0	18.1	
40 cis-1,2-Dichloroethene	96	3.231	3.231	0.000	50	132663	20.0	23.3	
41 2-Butanone (MEK)	43	3.231	3.231	0.000	99	1090847	250.0	240.5	
42 2,2-Dichloropropane	77	3.244	3.250	-0.006	46	197674	20.0	22.2	
44 Propionitrile	54	3.286	3.286	0.000	97	209494	150.0	152.1	
45 Ethyl acetate	43		3.305					ND	
43 Methyl acrylate	55		3.341					ND	7
46 Methacrylonitrile	67	3.426	3.433	-0.007	93	522285	150.0	151.9	
47 Chlorobromomethane	128	3.451	3.445	0.006	93	56264	20.0	20.2	
48 Tetrahydrofuran	71	3.494	3.487	0.007	84	102007	100.0	87.6	
49 Chloroform	83	3.530	3.530	0.000	94	211416	20.0	21.6	
$ 50 Dibromofluoromethane (Surr)	113	3.676	3.676	0.000	92	268295	50.0	48.7	
51 1,1,1-Trichloroethane	97	3.707	3.707	0.000	97	199285	20.0	23.1	
53 Cyclohexane	56	3.768	3.768	0.000	94	239606	20.0	23.1	
58 1,1-Dichloropropene	75	3.853	3.859	-0.006	92	177062	20.0	21.8	
59 Carbon tetrachloride	117	3.865	3.865	0.000	96	174182	20.0	23.3	
$ 79 1,2-Dichloroethane-d4 (Surr)	65	3.993	3.993	0.000	94	419392	50.0	52.4	
78 Isobutyl alcohol	41		3.993				ND	ND	U
84 Benzene	78	4.054	4.054	0.000	97	512946	20.0	22.1	
85 1,2-Dichloroethane	62	4.067	4.067	0.000	98	183071	20.0	19.7	
86 Isopropyl acetate	43		4.164					ND	
87 Tert-amyl methyl ether	73	4.189	4.189	0.001	96	319312	20.0	18.2	
* 88 Fluorobenzene (IS)	96	4.329	4.329	0.000	97	1162817	50.0	50.0	
89 n-Heptane	43	4.347	4.347	0.000	94	202812	20.0	24.3	
96 n-Butanol	56	4.658	4.664	-0.006	94	237432	1000.0	1106.4	
97 Trichloroethene	95	4.695	4.695	0.001	96	123240	20.0	21.4	
98 Methylcyclohexane	83	4.896	4.902	-0.006	96	216185	20.0	21.1	
99 Ethyl acrylate	55		4.902					ND	U
100 1,2-Dichloropropane	63	4.908	4.914	-0.006	92	137903	20.0	21.9	
101 2-ethoxy-2-methyl butane	87	4.993	4.993	0.000	92	157704	20.0	18.0	
102 Dibromomethane	93	5.030	5.030	0.000	93	74141	20.0	19.4	
103 1,4-Dioxane	88	5.066	5.060	0.006	38	37901	500.0	524.6	
104 Methyl methacrylate	69	5.072	5.072	0.000	93	99180	20.0	18.3	
105 n-Propyl acetate	61		5.152					ND	
106 Dichlorobromomethane	83	5.207	5.207	0.000	98	160720	20.0	20.7	
107 2-Nitropropane	41	5.444	5.438	0.006	98	56013	20.0	18.1	
108 2-Chloroethyl vinyl ether	63		5.548				ND	ND	
109 cis-1,3-Dichloropropene	75	5.682	5.682	0.000	92	181241	20.0	18.6	
110 4-Methyl-2-pentanone (MIBK)	43	5.865	5.865	0.000	99	2314793	250.0	254.5	
$ 111 Toluene-d8 (Surr)	98	5.963	5.963	0.000	95	1215357	50.0	53.5	
112 Toluene	92	6.036	6.036	0.000	97	306469	20.0	22.0	
S 113 1,2-Dichloroethene, Total	100				0			46.0	
114 trans-1,3-Dichloropropene	75	6.286	6.286	0.000	96	180054	20.0	20.6	
115 Ethyl methacrylate	69	6.432	6.426	0.006	92	158060	20.0	18.0	
116 1,1,2-Trichloroethane	97	6.475	6.475	0.000	92	107877	20.0	20.8	
117 Tetrachloroethene	166	6.627	6.627	0.000	95	120480	20.0	21.9	
119 1,3-Dichloropropane	76	6.651	6.651	0.000	97	194049	20.0	20.7	
120 3,4-Dichloro-1-butene	75		6.713					ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
121 2-Hexanone	43	6.779	6.786	-0.007	98	1681232	250.0	266.1	
122 Chlorodibromomethane	129	6.895	6.895	0.000	91	117452	20.0	20.4	
123 n-Butyl acetate	43		6.962					ND	7
124 Ethylene Dibromide	107	7.005	7.005	0.000	100	106037	20.0	19.6	
* 126 Chlorobenzene-d5 (IS)	117	7.517	7.517	0.000	89	807210	50.0	50.0	
127 Chlorobenzene	112	7.548	7.548	0.000	93	319378	20.0	21.2	
128 1-Chlorohexane	91	7.566	7.566	0.000	86	152655	20.0	21.8	
129 1,1,1,2-Tetrachloroethane	131	7.639	7.639	0.000	95	111535	20.0	22.3	
130 Ethylbenzene	91	7.676	7.676	0.000	99	572925	20.0	21.7	
131 t-Amyl alcohol	73	7.791	7.741	0.050	35	3758		NC	
132 m-Xylene & p-Xylene	106	7.798	7.798	0.000	100	435448	40.0	43.0	
133 o-Xylene	106	8.157	8.157	0.000	97	195769	20.0	19.8	
135 Styrene	104	8.169	8.169	0.000	95	336748	20.0	20.1	
134 n-Butyl acrylate	55		8.169					ND	
136 Bromoform	173	8.310	8.304	0.006	95	81926	20.0	19.5	
137 Isopropylbenzene	105	8.486	8.486	0.000	97	523586	20.0	20.9	
138 Cyclohexanone	55		8.535					ND	7
139 cis-1,4-Dichloro-2-butene	88		8.541					ND	7
$ 140 4-Bromofluorobenzene (Surr)	95	8.596	8.596	0.000	84	427625	50.0	50.9	
142 Bromobenzene	156	8.712	8.712	0.000	98	120532	20.0	19.3	
143 1,1,2,2-Tetrachloroethane	83	8.730	8.730	0.000	93	175599	20.0	20.4	
144 1,2,3-Trichloropropane	110	8.755	8.755	0.000	86	48897	20.0	19.1	
145 trans-1,4-Dichloro-2-butene	53	8.779	8.779	0.000	94	276783	100.0	87.9	
146 N-Propylbenzene	91	8.822	8.822	0.000	99	689288	20.0	22.6	
147 2-Chlorotoluene	126	8.877	8.877	0.000	95	123417	20.0	20.8	
148 4-Chlorotoluene	126	8.968	8.968	0.000	99	124390	20.0	19.9	
149 1,3,5-Trimethylbenzene	105	8.974	8.968	0.006	94	461128	20.0	21.8	
150 2,3,4-Trichlorobutene	109		9.011					ND	
152 tert-Butylbenzene	134	9.218	9.218	0.000	94	87559	20.0	20.1	
151 Pentachloroethane	167		9.218					ND	7
153 1,2,4-Trimethylbenzene	105	9.255	9.255	0.000	98	453033	20.0	20.6	
154 sec-Butylbenzene	105	9.383	9.383	0.000	95	572960	20.0	22.1	
155 1,3-Dichlorobenzene	146	9.450	9.450	0.000	97	239634	20.0	20.7	
156 4-Isopropyltoluene	119	9.498	9.498	0.000	92	472521	20.0	20.7	
* 157 1,4-Dichlorobenzene-d4	152	9.498	9.498	0.000	97	451378	50.0	50.0	
159 1,4-Dichlorobenzene	146	9.517	9.517	0.000	94	250539	20.0	20.6	
160 1,2,3-Trimethylbenzene	105	9.566	9.566	0.000	99	471746	20.0	20.9	
161 Benzyl chloride	91	9.620	9.620	0.000	99	327353	20.0	21.3	
162 1,3-Diethylbenzene	119	9.718	9.718	0.000	95	261896	20.0	21.0	
163 p-Diethylbenzene	119	9.779	9.779	0.000	93	289428	20.0	21.0	
164 1,2-Dichlorobenzene	146	9.785	9.785	0.000	96	238154	20.0	20.3	
165 n-Butylbenzene	92	9.791	9.791	0.000	98	245458	20.0	22.4	
166 o-diethylbenzene	119	9.858	9.858	0.000	96	235977	20.0	21.0	
S 168 1,3-Dichloropropene, Total	100				0			39.2	
169 1,2-Dibromo-3-Chloropropane	75	10.321	10.321	0.000	77	40544	20.0	19.6	
170 1,3,5-Trichlorobenzene	180	10.474	10.474	0.000	96	152949	20.0	18.7	
171 1,2,4-Trichlorobenzene	180	10.882	10.882	0.000	93	138347	20.0	17.9	
172 Hexachlorobutadiene	225	11.004	11.004	0.000	98	64284	20.0	19.7	
173 2-Ethylhexyl acrylate	55		11.029					ND	7
174 Naphthalene	128	11.041	11.041	0.000	97	432006	20.0	16.5	
175 1,2,3-Trichlorobenzene	180	11.199	11.199	0.000	94	136547	20.0	17.8	
S 176 Xylenes, Total	106				0			62.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
177 2-Methylnaphthalene	142	11.760	11.760	0.000	91	179938	20.0	15.5	
178 Hexachloroethane	201		13.560					ND	
179 C4-C10	1		0.000					ND	
$ 211 trans-1,2,3-Trichlorobutene-2 TI	1		0.000					ND	
212 sec-Butyl Alcohol TIC	1		0.000					ND	
213 1,3-Divinylbenzene	1		0.000					ND	
214 n-Octane	1		0.000					ND	
215 Undecane	1		0.000					ND	
216 Ethyl bromide	1		0.000					ND	
217 Chloroacetonitrile	1		0.000					ND	
218 1-Chlorobutane	1		0.000					ND	
219 Dimethylformamide TIC	1		0.000					ND	
208 3-Pentanone TIC	1		0.000					ND	
209 2-Butoxyethyl acetate	1		0.000					ND	
210 Gasoline (Unleaded)	1		0.000					ND	
220 1-Methylnaphthalene	142		0.000					ND	
224 Cyclopentane TIC	1		0.000					ND	
225 1,1,1,2-Tetrafluoroethane TIC	1		0.000					ND	
226 2-ethoxy-2-methyl butane TIC	1		0.000					ND	
227 2,3-Dimethylbutane TIC	1		0.000					ND	
228 2,2-Dimethylbutane TIC	1		0.000					ND	
229 Methylcyclopentane TIC	1		0.000					ND	
230 Decamethylcyclopentasiloxane TIC	1		0.000					ND	
231 Dimethyl Sulfide TIC	1		0.000					ND	
232 2,2-Dimethylpropane TIC	1		0.000					ND	
221 2-Methylhexane TIC	1		0.000					ND	
222 1-Methylnaphthalene (TIC)	1		0.000					ND	
223 3-Methylpentane TIC	1		0.000					ND	
207 4-Ethyltoluene	1		0.000					ND	
206 cis-1,2,3-Trichlorobutene-2	1		0.000					ND	
205 Butane	1		0.000					ND	
182 2,3-Dichloro-1,3-butadiene	1		0.000					ND	
S 183 divinyl benzene	1		0.000					ND	7
184 trans-1,2,3-Trichlorobutene-2	1		0.000					ND	
185 3-chloro-1-Butene	1		0.000					ND	
186 n-Nonane	1		0.000					ND	
187 C5-C12	1		0.000					ND	
188 Isobutyl acetate	43		0.000					ND	
189 1-Bromo-2-chloroethane	1		0.000					ND	
S 190 Total BTEX	1		0.000					ND	
191 Propanol	1		0.000					ND	
180 sec-Butyl Alcohol	45		0.000					ND	
181 Methylal	1		0.000					ND	
192 tert-Butyl Formate	1		0.000					ND	
195 C6-C10	1		0.000					ND	
196 1,1-Dichloro-1-fluoroethane	1		0.000					ND	
197 Dodecane	57		0.000					ND	
198 n-Decane	57		0.000					ND	
199 C6-C12	1		0.000					ND	
200 1,4-Divinylbenzene	1		0.000					ND	
201 1,1,2,2-Tetrachloro-1,2-difluoro	1		0.000					ND	
202 C4-C12	1		0.000					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
203 3-Methyl-1-butene	1		0.000					ND	
204 Propene oxide	1		0.000					ND	
S 193 Total Diethylbenzene	1				0			63.1	
194 Diethoxymethane	1		0.000					ND	
233 3-Methylhexane TIC	1		0.000					ND	
234 C7-C12	1		0.000					ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND
- 7 - Failed Limit of Detection

Review Flags
- U - Marked Undetected

Reagents:

MSV_LCS_2CEVE_00252	Amount Added:	21.50	Units: uL	
MSV_LCS_VOC#1_00244	Amount Added:	21.50	Units: uL	
MSV_LCS_Gases_00272	Amount Added:	21.50	Units: uL	
MSV_LCS_ACROL_00249	Amount Added:	21.50	Units: uL	
MSV_Cent_ISSS_00048	Amount Added:	5.00	Units: uL	Run Reagent

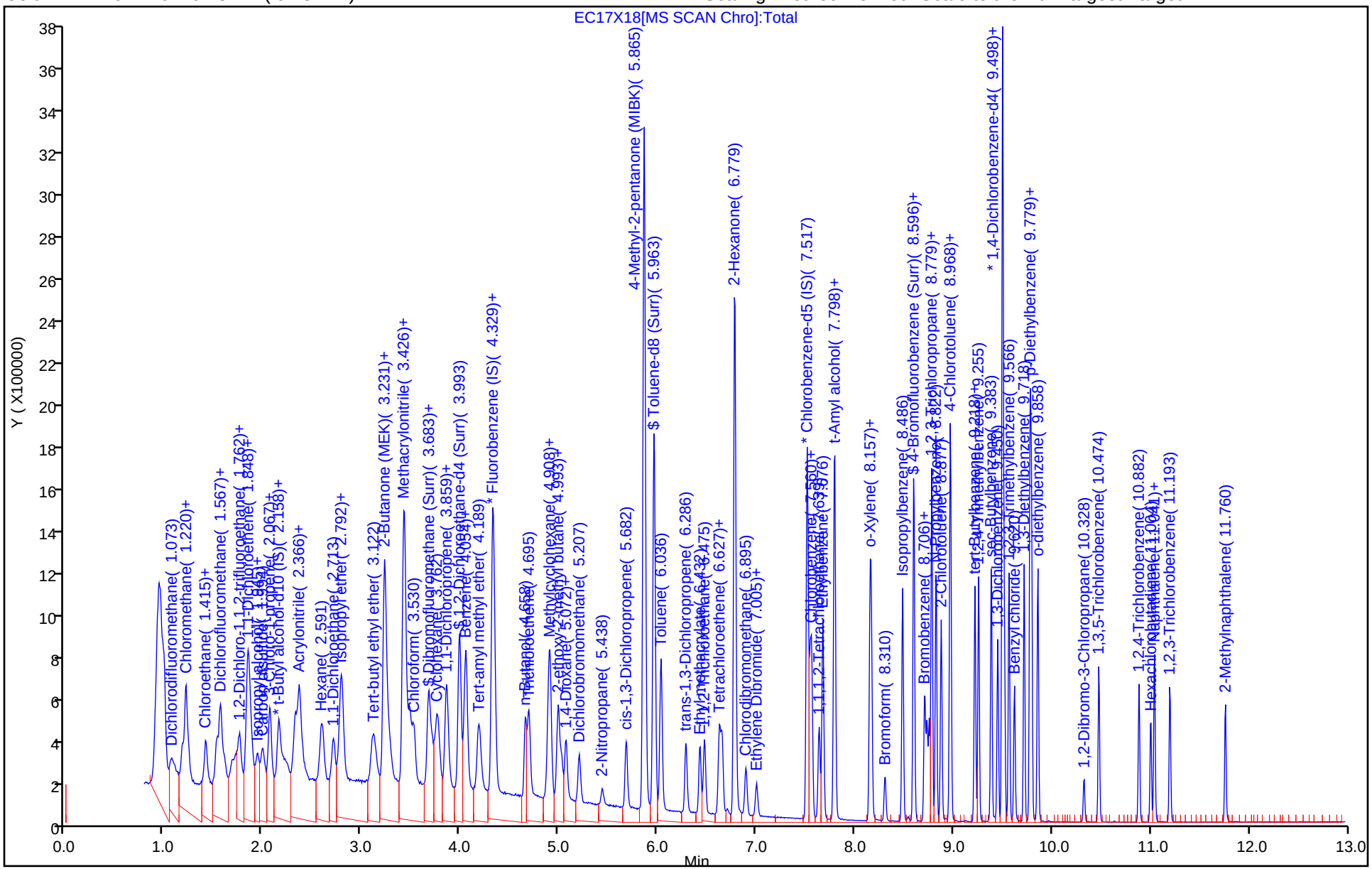
Report Date: 17-Oct-2025 20:21:35 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X18.D

Injection Date:	17-Oct-2025 15:40:30	Instrument ID:	15648	Operator ID:	HEC94097
Lims ID:	410-246092-A-4 MSD			Worklist Smp#:	20
Client ID:	HD-MW-79-0/1-0 MSD				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	MSVoa_15648	Limit Group:	MSV - 8260C_D		

Column: DB-624 20m 0.18mm (0.18 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\EC17X18.D
Lims ID: 410-246092-A-4 MSD
Client ID: HD-MW-79-0/1-0 MSD
Sample Type: MSD
Inject. Date: 17-Oct-2025 15:40:30 ALS Bottle#: 18 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0163548-020
Operator ID: HEC94097 Instrument ID: 15648

Method: \\chromfs\Lancaster\ChromData\15648\20251017-163548.b\MSVoa_15648.m
Limit Group: MSV - 8260C_D
Last Update: 17-Oct-2025 20:21:03 Calib Date: 03-Sep-2025 04:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15648\20250902-158419.b\ES02X17.D

Column 1 : DB-624 20m 0.18mm (0.18 mm) Det: MS Quad
Process Host: CTX1643

First Level Reviewer: Y6ZN Date: 17-Oct-2025 20:21:03

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	48.7	97.45
$ 79 1,2-Dichloroethane-d4 (Surr)	50.0	52.4	104.71
$ 111 Toluene-d8 (Surr)	50.0	53.5	106.92
$ 140 4-Bromofluorobenzene (Surr)	50.0	50.9	101.73

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 410-246092-1

SDG No.:

Instrument ID: 15648

Start Date: 09/02/2025 23:06

Analysis Batch Number: 693589

End Date: 09/03/2025 04:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-693589/1		09/02/2025 23:06	1	ES02T01.D	DB-624 20m 0.18(mm)
IC 410-693589/3		09/02/2025 23:43	1	ES02X02.D	DB-624 20m 0.18(mm)
IC 410-693589/4		09/03/2025 00:03	1	ES02X03.D	DB-624 20m 0.18(mm)
IC 410-693589/5		09/03/2025 00:23	1	ES02X04.D	DB-624 20m 0.18(mm)
IC 410-693589/6		09/03/2025 00:42	1	ES02X05.D	DB-624 20m 0.18(mm)
CCV 410-693589/1006		09/03/2025 00:42	1		DB-624 20m 0.18(mm)
IC 410-693589/7		09/03/2025 01:02	1	ES02X06.D	DB-624 20m 0.18(mm)
IC 410-693589/8		09/03/2025 01:22	1	ES02X07.D	DB-624 20m 0.18(mm)
ICV 410-693589/10		09/03/2025 02:02	1		DB-624 20m 0.18(mm)
IC 410-693589/12		09/03/2025 02:42	1	ES02X11.D	DB-624 20m 0.18(mm)
IC 410-693589/13		09/03/2025 03:01	1	ES02X12.D	DB-624 20m 0.18(mm)
IC 410-693589/14		09/03/2025 03:21	1	ES02X13.D	DB-624 20m 0.18(mm)
IC 410-693589/15		09/03/2025 03:41	1	ES02X14.D	DB-624 20m 0.18(mm)
ICIS 410-693589/16		09/03/2025 04:01	1	ES02X15.D	DB-624 20m 0.18(mm)
CCVIS 410-693589/1016		09/03/2025 04:01	1		DB-624 20m 0.18(mm)
IC 410-693589/17		09/03/2025 04:21	1	ES02X16.D	DB-624 20m 0.18(mm)
IC 410-693589/18		09/03/2025 04:40	1	ES02X17.D	DB-624 20m 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 410-246092-1

SDG No.:

Instrument ID: 15648

Start Date: 09/04/2025 08:51

Analysis Batch Number: 694491

End Date: 09/04/2025 19:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-694491/1		09/04/2025 08:51	1	ES04T01.D	DB-624 20m 0.18(mm)
CCVIS 410-694491/3		09/04/2025 09:28	1		DB-624 20m 0.18(mm)
ZZZZZ (QC)		09/04/2025 09:47	1		DB-624 20m 0.18(mm)
ICV 410-694491/1004		09/04/2025 09:47	1	-ES04X03-ICV.d	DB-624 20m 0.18(mm)
ZZZZZ (QC)		09/04/2025 10:07	1		DB-624 20m 0.18(mm)
ZZZZZ (QC)		09/04/2025 10:27	1		DB-624 20m 0.18(mm)
ZZZZZ (QC)		09/04/2025 10:47	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 11:07	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 11:27	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 11:47	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 12:06	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 12:26	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 12:46	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 13:06	1		DB-624 20m 0.18(mm)
ZZZZZ (QC)		09/04/2025 13:26	1		DB-624 20m 0.18(mm)
ZZZZZ (QC)		09/04/2025 13:46	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 14:05	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 14:25	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 14:45	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 15:05	1		DB-624 20m 0.18(mm)
ZZZZZ (QC)		09/04/2025 15:25	1		DB-624 20m 0.18(mm)
ZZZZZ (QC)		09/04/2025 15:45	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 16:05	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 16:24	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 16:44	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 17:04	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 17:24	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 17:44	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 18:04	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 18:24	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 18:44	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		09/04/2025 19:03	1		DB-624 20m 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Instrument ID: 15648 Start Date: 10/16/2025 18:49

Analysis Batch Number: 715287 End Date: 10/17/2025 05:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-715287/1		10/16/2025 18:49	1	EC16T51.D	DB-624 20m 0.18(mm)
CCVIS 410-715287/3		10/16/2025 19:20	1	EC16X52.D	DB-624 20m 0.18(mm)
ZZZZZ (QC)		10/16/2025 19:40	1		DB-624 20m 0.18(mm)
LCS 410-715287/5		10/16/2025 20:00	1	EC16X54.D	DB-624 20m 0.18(mm)
MB 410-715287/6		10/16/2025 20:20	1	EC16X55.D	DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/16/2025 20:40	1		DB-624 20m 0.18(mm)
410-246092-9	HD-QC4-0/1-2	10/16/2025 21:00	1	EC16X57.D	DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/16/2025 21:19	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/16/2025 21:39	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/16/2025 21:59	1		DB-624 20m 0.18(mm)
ZZZZZ (QC)		10/16/2025 22:19	1		DB-624 20m 0.18(mm)
ZZZZZ (QC)		10/16/2025 22:39	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/16/2025 22:59	1		DB-624 20m 0.18(mm)
410-246092-1	HD-MW-148A-72.5/73-0	10/16/2025 23:18	1	EC16X64.D	DB-624 20m 0.18(mm)
410-246092-2	HD-MW-148A-136/136.5-0	10/16/2025 23:38	1	EC16X65.D	DB-624 20m 0.18(mm)
410-246092-3	HD-MW-82-0/1-0	10/16/2025 23:58	1	EC16X66.D	DB-624 20m 0.18(mm)
410-246092-5	HD-MW-142S-0/1-0	10/17/2025 00:18	1	EC16X67.D	DB-624 20m 0.18(mm)
410-246092-6	HD-MW-112-0/1-0	10/17/2025 00:38	1	EC16X68.D	DB-624 20m 0.18(mm)
410-246092-7	HD-QC3-0/1-1	10/17/2025 00:58	1	EC16X69.D	DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 01:18	2		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 01:37	20		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 01:57	10		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 02:17	100		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 02:37	20		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 02:57	200		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 03:17	20		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 03:36	200		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 03:56	50		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 04:16	500		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 04:36	50		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 04:56	500		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 05:16	50		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 05:36	500		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 05:56	1		DB-624 20m 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-246092-1

SDG No.:

Instrument ID: 15648 Start Date: 10/17/2025 09:13

Analysis Batch Number: 715649 End Date: 10/17/2025 18:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-715649/1		10/17/2025 09:13	1	EC17T01.D	DB-624 20m 0.18(mm)
CCVIS 410-715649/3		10/17/2025 09:57	1	EC17X02.D	DB-624 20m 0.18(mm)
ZZZZZ (QC)		10/17/2025 10:16	1		DB-624 20m 0.18(mm)
LCS 410-715649/5		10/17/2025 10:36	1	EC17X04.D	DB-624 20m 0.18(mm)
LCSD 410-715649/6		10/17/2025 10:56	1	EC17X05.D	DB-624 20m 0.18(mm)
MB 410-715649/7		10/17/2025 11:16	1	EC17X06.D	DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 12:02	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 12:22	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 12:42	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 13:02	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 14:01	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 14:41	50		DB-624 20m 0.18(mm)
410-246092-4	HD-MW-79-0/1-0	10/17/2025 15:01	1	EC17X16.D	DB-624 20m 0.18(mm)
410-246092-4 MS	HD-MW-79-0/1-0 MS MS	10/17/2025 15:21	1	EC17X17.D	DB-624 20m 0.18(mm)
410-246092-4 MSD	HD-MW-79-0/1-0 MSD MSD	10/17/2025 15:40	1	EC17X18.D	DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 16:20	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 16:40	1		DB-624 20m 0.18(mm)
410-246092-8	HD-MW-115-0/1-0	10/17/2025 17:59	1	EC17X25.D	DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 18:19	1		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 18:39	5		DB-624 20m 0.18(mm)
ZZZZZ (Client)		10/17/2025 18:59	50		DB-624 20m 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-246092-1

SDG No.:

Batch Number: 693589 | Batch Start Date: 09/02/25 23:06 | Batch Analyst: Walmer, Gavin

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	MSV_4ppbEE 00644	MSV_CCV_2CEVE 00243	MSV_CCV_CYC 00012
BFB 410-693589/1		8260D			1 uL	1 uL				
IC 410-693589/3		8260D			5 mL	5 mL	2810			
IC 410-693589/4		8260D			5 mL	5 mL	2810			
IC 410-693589/5		8260D			5 mL	5 mL	2810			
IC 410-693589/6		8260D			5 mL	5 mL	2810			
IC 410-693589/7		8260D			5 mL	5 mL	2810			
IC 410-693589/8		8260D			5 mL	5 mL	2810			
IC 410-693589/12		8260D			5 mL	5 mL	2810	12.5 mL		
IC 410-693589/13		8260D			5 mL	5 mL	2810		4 uL	32 uL
IC 410-693589/14		8260D			5 mL	5 mL	2810		2 uL	8 uL
IC 410-693589/15		8260D			5 mL	5 mL	2810		4 uL	16 uL
ICIS 410-693589/16		8260D			5 mL	5 mL	2810		5 uL	10 uL
IC 410-693589/17		8260D			5 mL	5 mL	2810		5 uL	10 uL
IC 410-693589/18		8260D			5 mL	5 mL	2810		15 uL	30 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_EE 00009	MSV_CCV_ETOH 00009	MSV_CCV_GASES 01095	MSV_CCV_LKB 00013	MSV_CCV_OH_Sp 00025	MSV_CCV_Penta 00071
BFB 410-693589/1		8260D								
IC 410-693589/3		8260D				20 uL		4 uL		4 uL
IC 410-693589/4		8260D				8 uL		2 uL		2 uL
IC 410-693589/5		8260D				16 uL		4 uL		4 uL
IC 410-693589/6		8260D				10 uL		5 uL		5 uL
IC 410-693589/7		8260D				10 uL		5 uL		5 uL
IC 410-693589/8		8260D				30 uL		15 uL		15 uL
IC 410-693589/12		8260D								
IC 410-693589/13		8260D			4 uL		2 uL		4 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.: 410-246092-1

SDG No.:

Batch Number: 693589 | Batch Start Date: 09/02/25 23:06 | Batch Analyst: Walmer, Gavin

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_EE 00009	MSV_CCV_ETOH 00009	MSV_CCV_GASES 01095	MSV_CCV_LKB 00013	MSV_CCV_OH_Sp 00025	MSV_CCV_Penta 00071
IC 410-693589/14		8260D			2 uL		1 uL		2 uL	
IC 410-693589/15		8260D			4 uL		2 uL		4 uL	
ICIS 410-693589/16		8260D			5 uL		2.5 uL		5 uL	
IC 410-693589/17		8260D			5 uL		2.5 uL		5 uL	
IC 410-693589/18		8260D			15 uL		7.5 uL		15 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_V5ACE 00053	MSV_CCV_VOC#1 00251	MSV_CCV_VOC#3 00253	MSV_Cent_ISO 00012	MSV_Cent_ISSS 00038	MSV_V_BFB 00019
BFB 410-693589/1		8260D								1 uL
IC 410-693589/3		8260D			4 uL			5 uL		
IC 410-693589/4		8260D			2 uL			5 uL		
IC 410-693589/5		8260D			4 uL			5 uL		
IC 410-693589/6		8260D			5 uL			5 uL		
IC 410-693589/7		8260D			5 uL			5 uL		
IC 410-693589/8		8260D			15 uL			5 uL		
IC 410-693589/12		8260D							5 uL	
IC 410-693589/13		8260D				4 uL	3.2 uL		5 uL	
IC 410-693589/14		8260D				2 uL	1.6 uL		5 uL	
IC 410-693589/15		8260D				4 uL	3.2 uL		5 uL	
ICIS 410-693589/16		8260D				5 uL	4 uL		5 uL	
IC 410-693589/17		8260D				5 uL	4 uL		5 uL	
IC 410-693589/18		8260D				15 uL	12 uL		5 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_SMFreon 00054

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.: 410-246092-1

SDG No.:

Batch Number: 693589 Batch Start Date: 09/02/25 23:06 Batch Analyst: Walmer, Gavin

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_SMFreon 00054					
BFB 410-693589/1		8260D								
IC 410-693589/3		8260D			2 uL					
IC 410-693589/4		8260D			1 uL					
IC 410-693589/5		8260D			2 uL					
IC 410-693589/6		8260D			2.5 uL					
IC 410-693589/7		8260D			2.5 uL					
IC 410-693589/8		8260D			7.5 uL					
IC 410-693589/12		8260D								
IC 410-693589/13		8260D								
IC 410-693589/14		8260D								
IC 410-693589/15		8260D								
ICIS 410-693589/16		8260D								
IC 410-693589/17		8260D								
IC 410-693589/18		8260D								

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-246092-1

SDG No.:

Batch Number: 694491 Batch Start Date: 09/04/25 08:51 Batch Analyst: Kephart, Kayla

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	MSV_Cent_ISSS 00043	MSV_LCS_2CEVE 00245	MSV_LCS_ACROL 00243
BFB 410-694491/1		8260D			1 uL	1 uL				
ICV 410-694491/1004		8260D			5 mL	5 mL	2810	5 uL	50 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_Gases 00266	MSV_LCS_VOC#1 00236	MSV_V_BFB 00019			
BFB 410-694491/1		8260D					1 uL			
ICV 410-694491/1004		8260D			50 uL	50 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.: 410-246092-1

SDG No.:

Batch Number: 715287 | Batch Start Date: 10/16/25 18:49 | Batch Analyst: Mellinger, Corie M

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 410-715287/1		8260D			1 uL	1 uL				
CCVIS 410-715287/3		8260D			5 mL	5 mL				2820
LCS 410-715287/5		8260D			5 mL	5 mL				2820
MB 410-715287/6		8260D			5 mL	5 mL				2820
410-246092-A-9	HD-QC4-0/1-2	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-246092-A-1	HD-MW-148A-72.5/73-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-246092-A-2	HD-MW-148A-136/136.5-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-246092-A-3	HD-MW-82-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-246092-A-5	HD-MW-142S-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-246092-A-6	HD-MW-112-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-246092-A-7	HD-QC3-0/1-1	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_2CEVE 00250	MSV_CCV_GASES 01120	MSV_CCV_VOC#1 00257	MSV_CCV_VOC#3 00259	MSV_Cent_ISSS 00048	MSV_LCS_2CEVE 00252
BFB 410-715287/1		8260D								
CCVIS 410-715287/3		8260D			5 uL	2.5 uL	5 uL	4 uL	5 uL	
LCS 410-715287/5		8260D							5 uL	50 uL
MB 410-715287/6		8260D							5 uL	
410-246092-A-9	HD-QC4-0/1-2	8260D	Water	T					5 uL	
410-246092-A-1	HD-MW-148A-72.5/73-0	8260D	Water	T					5 uL	
410-246092-A-2	HD-MW-148A-136/136.5-0	8260D	Water	T					5 uL	
410-246092-A-3	HD-MW-82-0/1-0	8260D	Water	T					5 uL	
410-246092-A-5	HD-MW-142S-0/1-0	8260D	Water	T					5 uL	
410-246092-A-6	HD-MW-112-0/1-0	8260D	Water	T					5 uL	
410-246092-A-7	HD-QC3-0/1-1	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.: 410-246092-1

SDG No.:

Batch Number: 715287 | Batch Start Date: 10/16/25 18:49 | Batch Analyst: Mellinger, Corie M

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00249	MSV_LCS_Gases 00272	MSV_LCS_VOC#1 00244	MSV_V_BFB 00019		
BFB 410-715287/1		8260D						1 uL		
CCVIS 410-715287/3		8260D								
LCS 410-715287/5		8260D			50 uL	50 uL	50 uL			
MB 410-715287/6		8260D								
410-246092-A-9	HD-QC4-0/1-2	8260D	Water	T						
410-246092-A-1	HD-MW-148A-72.5 /73-0	8260D	Water	T						
410-246092-A-2	HD-MW-148A-136/ 136.5-0	8260D	Water	T						
410-246092-A-3	HD-MW-82-0/1-0	8260D	Water	T						
410-246092-A-5	HD-MW-142S-0/1- 0	8260D	Water	T						
410-246092-A-6	HD-MW-112-0/1-0	8260D	Water	T						
410-246092-A-7	HD-QC3-0/1-1	8260D	Water	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-246092-1

SDG No.:

Batch Number: 715649 | Batch Start Date: 10/17/25 09:13 | Batch Analyst: Loeb, Kirsten

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	ResidualChloCh eck	Headspace	Lot#Vial
BFB 410-715649/1		8260D			1 uL	1 uL				
CCVIS 410-715649/3		8260D			5 mL	5 mL				2816
LCS 410-715649/5		8260D			5 mL	5 mL				2816
LCSD 410-715649/6		8260D			5 mL	5 mL				2816
MB 410-715649/7		8260D			5 mL	5 mL				2816
410-246092-A-4	HD-MW-79-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-246092-A-4 MS	HD-MW-79-0/1-0 MS	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-246092-A-4 MSD	HD-MW-79-0/1-0 MSD	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-246092-A-8	HD-MW-115-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_2CEVE 00250	MSV_CCV_GASES 01120	MSV_CCV_VOC#1 00257	MSV_CCV_VOC#3 00259	MSV_Cent_ISSS 00048	MSV_LCS_2CEVE 00252
BFB 410-715649/1		8260D								
CCVIS 410-715649/3		8260D			5 uL	2.5 uL	5 uL	4 uL	5 uL	
LCS 410-715649/5		8260D							5 uL	50 uL
LCSD 410-715649/6		8260D							5 uL	50 uL
MB 410-715649/7		8260D							5 uL	
410-246092-A-4	HD-MW-79-0/1-0	8260D	Water	T					5 uL	
410-246092-A-4 MS	HD-MW-79-0/1-0 MS	8260D	Water	T					5 uL	21.5 uL
410-246092-A-4 MSD	HD-MW-79-0/1-0 MSD	8260D	Water	T					5 uL	21.5 uL
410-246092-A-8	HD-MW-115-0/1-0	8260D	Water	T					5 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00249	MSV_LCS_Gases 00272	MSV_LCS_VOC#1 00244	MSV_V_BFB 00019		
BFB 410-715649/1		8260D						1 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-246092-1

SDG No.:

Batch Number: 715649 | Batch Start Date: 10/17/25 09:13 | Batch Analyst: Loeb, Kirsten

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00249	MSV_LCS_Gases 00272	MSV_LCS_VOC#1 00244	MSV_V_BFB 00019		
CCVIS 410-715649/3		8260D								
LCS 410-715649/5		8260D			50 uL	50 uL	50 uL			
LCSD 410-715649/6		8260D			50 uL	50 uL	50 uL			
MB 410-715649/7		8260D								
410-246092-A-4	HD-MW-79-0/1-0	8260D	Water	T						
410-246092-A-4 MS	HD-MW-79-0/1-0 MS	8260D	Water	T	21.5 uL	21.5 uL	21.5 uL			
410-246092-A-4 MSD	HD-MW-79-0/1-0 MSD	8260D	Water	T	21.5 uL	21.5 uL	21.5 uL			
410-246092-A-8	HD-MW-115-0/1-0	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.

Shipping and Receiving Documents

Environmental Analysis Request/Chain of Custody

eurofir

410-246092 Chain of Custody

Acct. # _____ Group # _____ Sample # _____

Client:	Groundwater Sciences Corporation		
Project Name/#:	2025 Comprehensive Sampling	Site ID #:	fYNOP, York PA
Project Manager:	Chris O'Neil	P.O. #:	GSC.0100125300
Sampler:	Casey Littlefield (GSC) Lucas Grimm (LDG)	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	Surface	NPDES	Other:	Total # of Containers	Analyses Requested: Aqueous VOCs via 8260D (standard level)	Preservation Codes: H	Remarks
HD-MW-148A-72.5/73-Ø	10/6/25	1027	X					GW					3	X		
HD-MW-148A-136/136.5-Ø	10/6/25	1135														
HD-MW-82-Ø/1-Ø	10/6/25	1405														
HD-MW-79-Ø/1-Ø	10/7/25	1032														
HD-MW-79-Ø/1-Ø MS	10/7/25	1032														
HD-MW-79-Ø/1-Ø MSD	10/7/25	1032														
HD-MW-142S-Ø/1-Ø	10/6/25	1200														
HD-MW-112-Ø/1-Ø	10/6/25	1330														
HD-QC3-Ø/1-1	10/6/25	0800														Duplicate
HD-MW-115-Ø/1-Ø	10/7/25	1130	↓					↓					↓	↓		

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:

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
[signature]	10/8/25		[signature] ELLE 8 OCT 25		1150
[signature] ELLE 8 OCT 25		1905			
			[signature]	10/8/25	1905

Relinquished by Commercial Carrier:

UPS _____ FedEx _____ Other X

Temperature upon receipt D: 0.6 C: 2.5 °C

Environmental Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories Environmental

Acct. # _____ Group # _____ Sample # _____

Client:	Groundwater Sciences Corporation		
Project Name/#:	2025 Comprehensive Sampling	Site ID #:	fYNOP, York PA
Project Manager:	Chris O'Neil	P.O. #:	GSC.0100125300
Sampler:	Casey Littlefield (GSC) Lucas Grimm (LDG)	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 (standard level)	Preservation Codes: H	Remarks
HD-QC4-01-2	10/6/25	—	—			W		2	X		TRIP BLANK

For Lab Use Only
SF #: _____
SCR #: _____

Preservation Codes
H = HCl (circled) 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:

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
[signature]	10/8/25		RPM FLLE 8OCT25		1150
RPM FLLE 8OCT25		1905			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [signature]	10/6/25	1405

Relinquished by Commercial Carrier:

UPS _____ FedEx _____ Other GS

Temperature upon receipt R: 2.6 C: 2.5 °C

Login Sample Receipt Checklist

Client: Verdantas

Job Number: 410-246092-1

Login Number: 246092

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: Arroyo, Haley

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	